CASE COVER SHEET

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

PLANNING & ZONING CASE NO. SP2025-025

PLANNING & ZONING FEE

PLATTING APPLICATION
- ☐ MASTER PLAT
- ☐ PRELIMINARY PLAT
- ☐ FINAL PLAT
- ☐ REPLAT
- ☐ AMENDING OR MINOR PLAT
- ☐ PLAT REINSTATEMENT REQUEST

SITE PLAN APPLICATION
- ☑ SITE PLAN
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING

ZONING APPLICATION
- ☐ ZONING CHANGE
- ☐ SPECIFIC USE PERMIT
- ☐ PD DEVELOPMENT PLAN

OTHER APPLICATION
- ☐ TREE REMOVAL
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS

RECORD OF RECOMMENDATIONS, VOTING RECORDS, AND CONDITIONS OF APPROVAL

ARCHITECTURE REVIEW BOARD

The Architecture Review Board reviewed the Building Elevations provided by the applicant on July 15, 2025. The Board approved a motion to recommend approval of the Site Plan by a vote of 5-0, with Board Members Dalton and Kirkpatrick absent.

PLANNING AND ZONING COMMISSION

On July 15, the Planning and Zoning Commission approved a motion to approve the Site Plan by a vote of 7-0.

CITY COUNCIL READING #1

CITY COUNCIL READING #2

CONDITIONS OF APPROVAL

NOTES

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY
PLANNING & ZONING CASE NO.

NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($100.00 + $15.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($200.00 + $15.00 ACRE) [1]
- ☐ FINAL PLAT ($300.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($300.00 + $20.00 ACRE) [1]
- ☐ AMENDING OR MINOR PLAT ($150.00)
- ☐ PLAT REINSTATEMENT REQUEST ($100.00)

SITE PLAN APPLICATION FEES:
- ☒ SITE PLAN ($250.00 + $20.00 ACRE) [1]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($100.00)

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($200.00 + $15.00 ACRE) [1]
- ☐ SPECIFIC USE PERMIT ($200.00 + $15.00 ACRE) [1 & 2]
- ☐ PD DEVELOPMENT PLANS ($200.00 + $15.00 ACRE) [1]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($75.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS ($100.00) [2]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A $1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	1362 FM Road 552				
SUBDIVISION	Skyview Country Estates No. 3	LOT	28	BLOCK	
GENERAL LOCATION	Northeast corner of FM Road 552 and Breezy Hill Lane				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	General Retail	CURRENT USE	Worship Center		
PROPOSED ZONING	General Retail	PROPOSED USE	Worship Center		
ACREAGE	7.05	LOTS [CURRENT]	1	LOTS [PROPOSED]	1

☒ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Ridgeview Church	☒ APPLICANT	Sutherland King Consulting, LLC
CONTACT PERSON	Felix Tan	CONTACT PERSON	Grayson Hughes
ADDRESS	1362 FM Road 552	ADDRESS	6430 Meadowcreek Drive
CITY, STATE & ZIP	Rockwall, TX 75087	CITY, STATE & ZIP	Dallas, TX 75254
PHONE	[redacted]	PHONE	[redacted]
E-MAIL	[redacted]	E-MAIL	[redacted]

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Felix Tan [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ 410.00, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE 13th DAY OF June, 2025. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 12th DAY OF June, 2025.

OWNER'S SIGNATURE I am

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

NATASHA C CHANG YEN
Notary Public
State of Texas
ID # 135502636
My Comm. Expires 04-21-2029

MY COMMISSION EXPIRES

CHECKLIST FOR SITE PLAN SUBMITTALS

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

CASE NUMBER:		**REVIEWED BY:**	
OVERLAY DISTRICT:		**REVIEW DATE:**	

1.1 GENERAL INFORMATION FOR ALL PLANS SUBMITTED

Requirements	✓= OK	N/A	Comments	UDC Reference
Items Necessary for Site Plan Review:				*Per Application*
✓ Site Plan	☒	☐		§03.04, of Art. 11
✓ Landscape Plan	☒	☐		-
✓ Treescape Plan	☒	☐		-
✓ Photometric Plan	☒	☐		-
✓ Building Elevations	☒	☐		-
Building Material Sample Board and Color Rendering of Building Elevations	☒	☐	If required the sample board should detail all building materials, with each material clearly labeled and indicating manufacturer info, color, etc. Check with Planning Staff to see which is appropriate for the submitted project.	§03.04.A, of Art. 11
Submittal Requirements	☒	☐	Four (4) large (24" x 36") **folded** copies and one (1) PDF digital copy of each plan is required at the time of submittal.	§03.04.A, of Art. 11
Is the property properly platted?	☒	☐	Indicate if the property has been properly platted.	-
Title Block (Project Name, Legal Description and/or Address)	☒	☐	The title block is to be located in the lower right-hand corner of all sheets and contain the project name, street address, and/or the lot and block designation.	§03.04.A, of Art. 11
Case Number	☒	☐	The case number should be placed in the lower right-hand corner below the title block of all sheets.	§03.04.A, of Art. 11
Owners (Name, Address, and Phone Number)	☒	☐	The owners name, address, and phone number are required to be in the lower right-hand corner left of the title block.	§03.04.A, of Art. 11
Developer (Name, Address, and Phone Number)	☒	☐	The name, address, and phone number of the person or company that prepared the plans are required in the lower right-hand corner left of the title block.	§03.04.A, of Art. 11
North Point	☒	☐	The north point or north arrow must be facing true north (or straight up) on all plans, unless the scale of the drawings or scope of the project requires a different position.	§03.04.A, of Art. 11
Numeric and Graphic Scale	☒	☐	The recommended engineering scales are 1" = 20', 1" = 40', etc. ... with a maximum of 1" = 100'.	§03.04.A, of Art. 11
Vicinity Map	☒	☐	The vicinity map should locate the site relative to the nearest major roadways in a one-half mile radius.	§03.04.A, of Art. 11
Signature Block	☒	☐	Standard signature block with signature space for the Planning & Zoning Chairman and Planning Director.	§03.04.A, of Art. 11
Date	☒	☐	The date that the plans were prepared is required on all submittals.	§03.04.A, of Art. 11
Proposed Land Use:			Indicate the proposed use for this site. Additionally, indicate the proposed use for all structures.	§03.04.A, of Art. 11
✓Commercial	☒	☐	Land Uses Permitted in the RO, NS, GR, C, DT, RC & Designated Planned Development District Ordinances.	-
✓Industrial	☐	☐	Land Uses Permitted in the RT, LI, HI & Designated Planned Development District Ordinances.	-

2.1 SITE PLAN: MISCELLANEOUS AND DENSITY & DIMENSIONAL INFORMATION

Requirements	✓= OK	N/A	Comments	UDC Reference
Total Lot or Site Area (Acreage and Square Footage)	☒	☐	If the site is part of a larger tract include a key map showing the entire tract of land and the location of the site being planned.	§03.04.B, of Art. 11

Perimeter Dimensions of the Site	☒	☐	Indicate the perimeter dimensions of the site in feet.	§03.04.B, of Art. 11
Buildings (Square Footage)	☒	☐	Indicate the location and total square footage of all existing and planned buildings on the site.	§03.04.B, of Art. 11
Perimeter Dimensions of all Buildings	☐	☒	Indicate the wall lengths of all buildings on the site.	§03.04.B, of Art. 11
Distance Between Buildings	☐	☒	Indicate the distance between all existing and planned buildings located on the site.	§03.04.B, of Art. 11
Distance Between Buildings and Property Lines	☒	☐	Indicate the distance between all property lines and existing and planned buildings located on the site.	§03.04.B, of Art. 11
Indicate all Property Lines	☒	☐	Indicate all existing property lines. If the site plan requires a platting case that will alter the property lines show the proposed changes in a different line weight.	§03.04.B, of Art. 11
Indicate all Building Setbacks	☒	☐	Indicate all building setbacks adjacent to right-of-way.	§03.04.B, of Art. 11
Indicate all Easements	☒	☐	Additionally, indicate all utilities both existing and proposed.	§03.04.B, of Art. 11
Indicate all Drive/Turning Radii	☒	☐		§03.04.B, of Art. 11
Indicate all Drive Widths	☒	☐		§03.04.B, of Art. 11
Indicate all Fire Lanes	☒	☐	Indicate and label the widths of all fire lanes existing and proposed for the site.	§03.04.B, of Art. 11
Indicate location of all Fire Hydrants	☒	☐		§03.04.B, of Art. 11
Indicate all Sidewalks	☒	☐	Indicate and label the widths of all sidewalks existing and proposed for the site.	§03.04.B, of Art. 11
Adjacent Street Right-Of-Way	☒	☐	Reference the City's Master Transportation Plan for right-of-way information.	§03.04.B, of Art. 11
Label all Adjacent Street Name	☒	☐	Label all adjacent existing and proposed street names.	§03.04.B, of Art. 11
Adjacent Street Centerlines	☒	☐	Indicate the street centerline for all existing and proposed streets.	§03.04.B, of Art. 11
Median Breaks in Adjacent Streets	☐	☒		§03.04.B, of Art. 11

2.2 SITE PLAN: PARKING INFORMATION

Requirements	✓= OK	N/A	Comments	UDC Reference
Dimension of a Typical Parking Space	☒	☐	See the comment section in *Adequate Parking and Maneuvering* below.	§05.03, of Art. 06
Parking Table	☒	☐	Provide parking table indicating the total number of required parking spaces by use, the total number of required handicapped parking spaces and the total parking provided.	§05.01, of Art. 06
Handicap Parking Spaces Shown	☒	☐		§05.04, of Art. 06
Adequate Parking	☒	☐	*Reference Table 3 of Article VI.*	Table 5, Art. 06
Adequate Parking and Maneuvering	☒	☐	All parking spaces and aisle dimensions shall conform to the off-street parking requirements in section 2.19 of the City's Standards of Design and Construction *(Check w/ the Engineering Department)*.	§05.03.C, of Art. 06
Adequate Loading Area	☒	☐	Loading spaces shall be a minimum of 12 feet in width, 65 feet in length, and 14 feet in height except as may otherwise be approved by the city engineer *(Art. VI 6.5 Loading Requirements)*.	§06.04, of Art. 06
Adequate Loading Maneuvering	☒	☐	It is also the purpose of this Article to require allocation of sufficient off-street/on-site loading facilities by businesses and industry to ensure that the loading and unloading of vehicles will not interfere with traffic flow or block roadways or fire lanes.	§01.02, of Art. 06
Type and Depth of Paving Material	☒	☐	Indicate the type and depth of the paving material and provide a detail or cut-sheet. All required parking and loading areas shall be constructed of concrete, but may have a surface treatment of brick, stone or other similar material.	§03.02, of Art. 06

2.3 SITE PLAN: SIGNAGE

Requirements	✓= OK	N/A	Comments	UDC Reference
NOTE: *All signage shall conform to Chapter 32 of the Rockwall Municipal Code of Ordinance, unless otherwise specified in an Overlay District or Planned Development District with specific signage requirements.*				

Proposed or Existing Signage	☐	☒	Indicate the location and type of all proposed and/or existing signage on the site plan. Additionally, provide a detail or cut-sheet showing the elevations, lighting and dimensions of the proposed signage.	§06.02.F, of Art. 05

2.4 SITE PLAN: SCREENING

Requirements	✓= OK	N/A	Comments	UDC Reference
Indicate the Type and Location of any Existing and/or Proposed Fences	☒	☐	Label the height and type of fence proposed or existing.	§08.02.F, of Art. 08
Utility Equipment Screening (Pad or Ground Mounted)	☒	☐	Pad mounted utility equipment, and air conditioning units, shall be screened from horizontal view from any adjacent public street and from any adjacent property. Utility equipment and air conditioning units shall be screened utilizing plantings, berms, or walls matching the main structure.	§01.05.C, of Art. 05
Utility Equipment Screening (Roof Mounted)	☒	☐	All buildings must be designed such that no roof mounted mechanical equipment, HVAC, or satellite dishes shall be visible from any direction.	§01.05.C, of Art. 05
Above Ground Storage Tanks	☐	☒	Aboveground storage tanks shall be screened utilizing walls matching the main structure. Screening plans for above ground storage tanks shall generally conform to the diagram below (i.e. incorporate primary screening – screening wall -- and secondary screening) and be approved by the Planning and Zoning Commission in conjunction with a site plan.	§01.05.D, of Art. 05
Dumpster Screening	☒	☐	Trash/Recycling enclosures shall be four (4) sided. These receptacles shall be screened by a minimum six (6) foot, solid masonry dumpster enclosure that utilizes the same masonry materials as the primary building and incorporates an opaque, self-latching gate. Dumpster storage should be located to the rear of the buildings with proper access. Trash dumpster shall not be located in any required parking space and shall allow proper access by service trucks. The minimum enclosure area shall be 12'x10'. A minimum of 6" bollards will be required at potential impact zones and the pad site shall be paved to city standards.	§01.05.B, of Art. 05
Outside Storage	☐	☒		
Off-Street Loading Dock Screening	☐	☒	Off-street loading docks must be screened from all public streets and any residential district that abuts or is directly across a public street or alley from the lot. The screening must be at least six feet in height and may be provided by using a masonry fence, berms, plantings or a combination of the above.	§01.05.A, of Art. 05
Residential Adjacency Standards	☒	☐	The director may require wing walls, landscape screens, changes in building orientation, and/or other architectural elements to minimize the impact of uses adjacent to residential property within 150 feet (also reference *Art. VIII 5.2*).	§01.06, of Art. 05

3.1 LANDSCAPE PLAN

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☒	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	See Sec. 2.1 of this checklist
Impervious Area vs. Landscape/Open Space Area Provided and Required (As Per Zoning District)	☒	☐	Indicate the applicable zoning district percentage of landscaping required and provided, and the impervious area vs. the amount of landscaping and open spaces required and provided.	§01.01.B, of Art. 05
Landscape Table	☒	☐	Provide a landscape table showing plant materials, quantities, size and spacing for existing and proposed landscaping. Complete description of plant materials shown on the plan, including names, locations, qualities, container or caliper sizes at installation, heights, spread, and spacing requirements should also be listed on the plan.	§05.03.B, of Art. 08
Indicate all Landscaping	☒	☐	Indicate the locations of all existing and proposed landscaping.	§05.03.B, of Art. 08
Location of Water Courses and Significant Drainage Features	☒	☐	Indicate the locations of all existing and/or proposed water courses and the location of any existing and/or proposed significant drainage features.	-
Indicate all Landscape Buffers	☒	☐	Indicate the locations and dimensions of the required landscape buffers.	§05.01, of Art. 08

Acceptable Landscape Materials:				Sec. 04., of Art. 08
✓ Trees allowed in Street Landscape Buffers	☒	☐	Cedar Elm, Texas Red Oak, Homestead Elm, Lace Bark Elm, Bald Cypress, Chinese Pistachio, October Glory Maple, Pecan, Texas Ash, Live Oak, Chinquapin Oak, and Burr Oak (Understory Trees: Texas Redbud, Mexican Plum, Downy Hawthorn, Wax Myrtle, Yaupon, and Deciduous Yaupon)	Appendix C
✓ Trees not allowed in Landscape Buffers	☒	☐	Silver Maple, Box Elder, Mimosa, Catalpa, Hackberry, Sugarberry, Honey Locust, Tulip Tree, Chinaberry, Sycamore, Cottonwood, Willows, American Elm, Siberian Elm, Jerusalem Thorn/Petuma, Bois D'Arc, Flowering Crabapple Tree, Ginko Tree, Peach/Plum, Mulberry, Texas Mountain Laurel, Lilac Chaste Tree, and Pine Tree.	Appendix C
Protected Trees (That Will Remain On-Site)	☒	☐	Indicate the location and provide a description by type and size of all existing protected trees (4" or larger) proposed to be retained. Prior to any construction or land development, the developer shall clearly mark all protected and feature trees with an aluminum tag -- indicating the trees relationship to the treescape plan -- and flag (i.e. bright fluorescent red vinyl tape). In those instances where a protected tree is so close to the construction area that construction equipment could possibly damage the tree, a protective fence shall be required.	§07.01, of Art. 09
Parking Lot Landscaping	☒	☐	Complete description of landscaping and screening to be provided in or near off-street parking and loading areas, including the information as to the amount (in sq. ft.) of landscape area to be provided internal to parking areas, the total square footage included in the parking area, and the number and location of required off-street parking and loading spaces.	§05.03.E, of Art. 08
Location of all Site Amenities	☒	☐	Identify the size, height, location, and material of proposed seating, lighting, planter's sculptures, water features and landscape paving and other public amenities.	-
Identify Visibility Triangles	☐	☐	Identify visibility triangles on all lots for all driveway intersections and public streets.	§01.08, of Art. 05
Landscape Buffer - Street Trees	☒	☐	Large trees (a species which normally reaches a height of 30 feet or more upon maturity) shall be provided in the required street landscape buffer in numbers equal to one (1) tree for every 50 feet of street frontage.	§05.01, of Art. 08
Tree Locations	☒	☐	Trees must be planted at least five (5) feet from water, sewer and storm sewer lines.	§05.03.E, of Art. 08
Irrigation Requirements Note	☒	☐	Provide note indicating irrigation will meet requirements of UDC.	§05.04, of Art. 08
Hydro mulch (or non-sod option)	☐	☒	The developer shall establish grass and maintain the seeded area, including watering, until a "Permanent Stand of Grass" is obtained at which time the project will be accepted by the City. A "Stand of Grass" shall consist of 75% to 80% coverage and a minimum of one-inch (1") in height as determined by the City.	Sec. 4.2, Coverage, Engr Standards of Design and Construction
Rights-of-Way & Landscape Buffers	☒	☐	All landscape buffers and public right-of-way located adjacent to a proposed development shall be improved with grass (i.e. sod -- hydro mulch shall be prohibited in these areas) prior to the issuance of a Certificate of Occupancy (CO).	§05.03.G, of Art. 08

4.1 TREESCAPE PLAN

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data	☒	☐	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	See Sec. 2.1 of this checklist
Buildings	☒	☐	Indicate the location of all existing or proposed structures, and/or the building pads as shown on the grading plan.	§03.01.A, of Art. 09
Indicate all Site Elevations, Grades, Major Contours and the Limits of Construction	☒	☐		§03.01.C, of Art. 09

Protected Trees (To Remain On Site)	☒	☐	Indicate the location and provide a description by type and size of all existing protected trees (4" or larger) proposed to be retained. Such trees shall be marked and a drip line of said tress shall be protected prior to and during all construction, including dirt work.	§03.01.E, of Art. 09
Protected Trees (To be Removed from the Site)	☒	☐	Indicate the location of all protected trees (4" or larger) that are to be removed from the site and the proposed locations of all replacement trees.	§03.01.F, of Art. 09
Treescape Table	☒	☐	Provide a table showing the total inches of trees to be removed and the total inches of trees to be replaced.	§03.01.G, of Art. 09

5.1 PHOTOMETRIC AND LIGHTING PLANS

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Site Data Table	☐	☒	Provide the same site data information required in Section *2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements* of this checklist.	See Sec. 2.1 of this checklist -
Indicate Lighting Levels (in Foot Candles [FC])	☑	☐	Show lighting levels in foot-candles (FC) measured throughout the site and extended to all property lines of the subject property.	§03.03, of Art. 07
Adjacent Property with Common Lot Lines:				
✓ Residential Use	☐	☑	The allowable maximum light intensity measured at the property line of a residential property shall be 0.2 of one foot candle.	§03.03.B, of Art. 07
✓ Commercial Use	☐	☒	The allowable maximum light intensity measured at the property line of a non-residential property shall be 0.2 of one foot candle. *Subject to requirements in Art. VII 3.3.C.*	§03.03.C, of Art. 07
Under-Canopy Lighting	☐	☒	Under canopy lighting (i.e. fuel stations, drive through lanes and covered parking structures) shall not exceed 35 foot candles (with the exception below).	§03.03.E.1, of Art. 07
Lighting for Motor Vehicle Dealerships	☐	☒	Shall not exceed 0.3 of one foot candle within the front yard of the development. The remainder will comply with the 0.2 of one foot candle.	§03.03.E.2, of Art. 07
Lighting in Parking Areas	☒	☐	The maximum outdoor maintained, computed and measured illumination level within any nonresidential development shall not exceed 20 FC outdoors at any point on the site, with a maximum of 0.2 FC at the property line. (Exceptions: (1) under canopy lighting and (2) motor vehicle dealerships)	§03.03.G, of Art. 07
Building and Pole Mounted Lighting	☒	☐	Indicate the location and type of all exterior lighting, including pole mounted, wall-mounted, signage, etc.	§03.03.E, of Art. 07
Indicate the Mounting Height for all Proposed Light Fixtures	☒	☐	No light pole, base or combination thereof shall exceed 30 feet, unless further restricted within an Overlay District.	§03.03.D of Art. 07
Indicate the Wattage of all Light Sources	☒	☐	Provide lighting cut sheets that indicates the wattage for each exterior lighting fixture. Light sources (e.g. light bulbs) shall be oriented down and toward the center of the site or shielded so as to not be visible from the property line.	§03.03.A, of Art. 07
Proposed Light Fixtures	☒	☐	Provide elevation drawings and/or cut-sheets of proposed light fixtures on/with photometric plan.	§03.03, of Art. 07

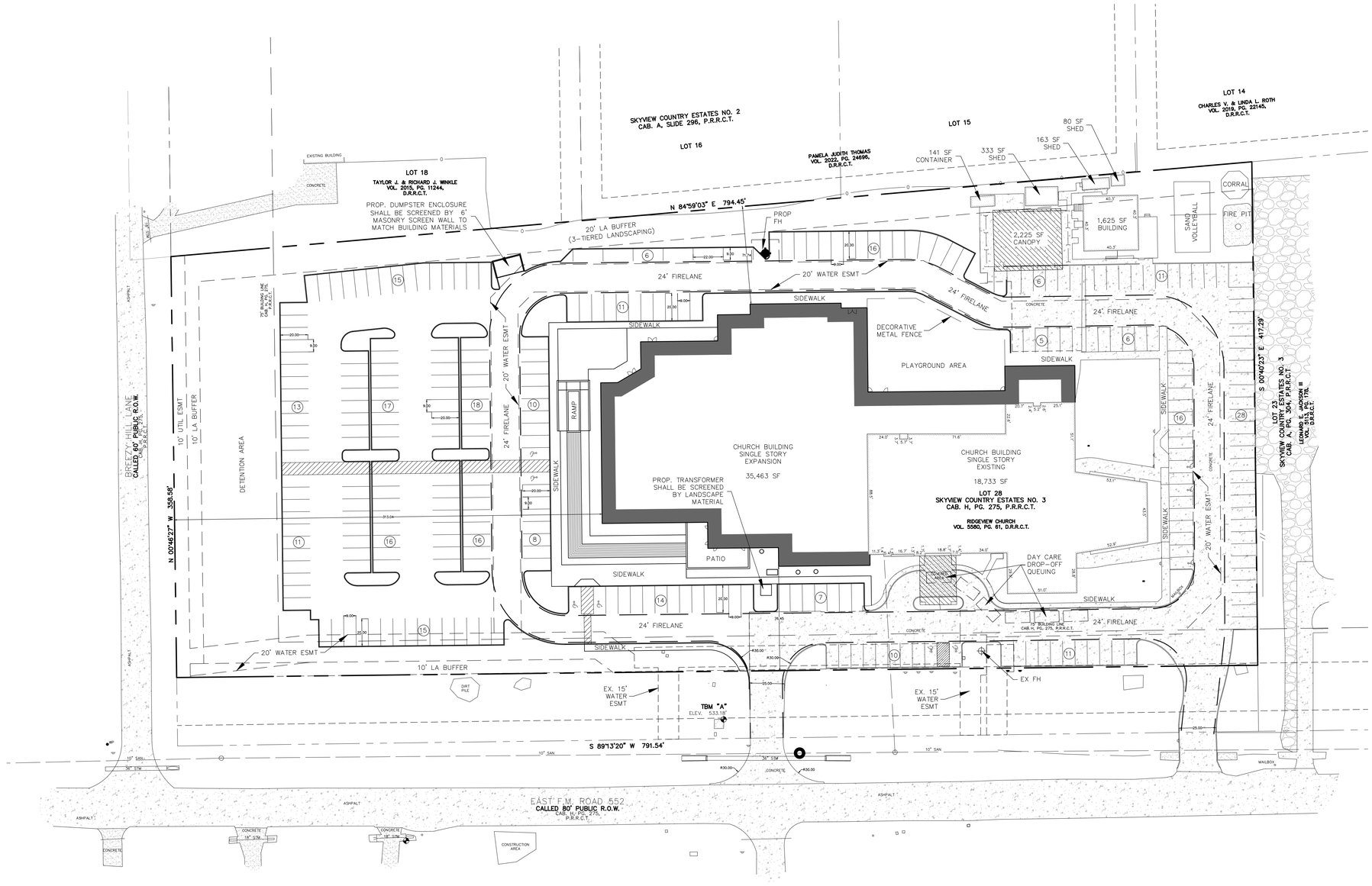
6.1 BUILDING ELEVATIONS: NON-INDUSTRIAL

Requirements	✓= OK	N/A	Comments	UDC Reference
Provide Exterior Elevations	☒	☐	North South East West (Circle all that apply)	-
Indicate Exterior Elevations Adjacent to Public Right-of-Way	☐	☐	North South East West (Circle all that apply)	-
Minimum 90% Masonry Requirement *OVERLAY DISTRICTS ONLY*	☐	☒	Exterior walls should consist of 90% masonry materials excluding doors and windows.	§06.02.C, of Art. 05
Indicate Amount and Location of the Minimum 20% Stone Requirement *OVERLAY DISTRICTS ONLY*	☐	☒	Applies to facades that are visible from a public right-of-way and/or open space.	§06.02.C, of Art. 05
Indicate the Surface Area of Each Facade	☒	☐	Indicate the surface area (square feet) of each façade and the percentage and square footage of each material used on that façade.	§04.01, of Art. 05
Proposed Building Materials	☒	☐	Specifications and description of all proposed building materials, on all proposed buildings.	§04.01, of Art. 05
Indicate the Roofing Materials and Color	☒	☐		

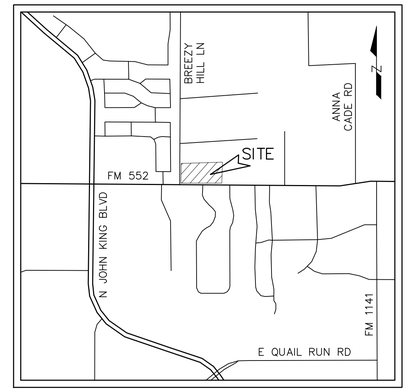
Indicate Parapet Wall Height **(If Applicable, finish the interior side of the parapet wall)	☒	☐	If applicable indicate the parapet wall by dashing in the top of roof deck. **Projecting elements and parapets that are visible from adjacent properties or public right-of-way shall be finished on the interior side using the same materials as the exterior facing wall.	§04.01, of Art. 05
Indicate all Roof Mounted Mechanical Equipment (If Applicable)	☒	☐	If applicable indicate any proposed roof mounted mechanical equipment and indicate how these will be screened from view.	§01.05.C, of Art. 05
Indicate Any Additional Design Elements Proposed (If Applicable)	☒	☐	Indicate any additional design elements for the base, walls, or parapets (such as cornice, arcades, and covered walkways/windows). Be sure to include the location, size, color, and material of any proposed structure.	
Indicate Building Height(s)	☒	☐	The height of the building shall be measured from the average elevation of the finished grade along the front of the building to the highest point of the roof or parapet of the building if it is a flat, mansard or shed roof; or to the midpoint of the roof if it is gable, hip or gambrel roof.	§07.03 of Art. 05
Minimum Standards for Articulation:				
Primary Facades (i.e. facades visible from a public ROW, open space/green space, public/private park, and or residential zoning district or residentially used property)	☒	☐	1. Wall Height [**H**] = **H** 2. Wall Length [**L**] = 3 x **H** 3. Secondary Entry/Arch. Element Length = 25% x **L** 4. Wall Projection = 25% x **H** 5. Primary Entry/Arch. Element Width = 2 x (25% x **L**) 6. Projection Height = 25% x **H** 7. Primary Entry/Arch. Element Length = 2 x (25% x **L**)	§04.01.C.1, of Art. 05
Secondary Facades	☒	☐	1. Wall Height [**H**] = **H** 2. Wall Length [**L**] = 3 x **H** 3. Secondary Entry/Arch. Element Length = 15% x **L** 4. Secondary Entry/Arch. Element Width = 15% x **H** 5. Projection Height = 15% x **H**	§04.01.C.2, of Art. 05

6.2 BUILDING ELEVATIONS: INDUSTRIAL

Requirements	✓= OK	N/A	Comments	UDC Reference
NOTE: *Industrial buildings are subject to all the elements listed in Section 6.1 Building Elevations: Non-Industrial with the exception of the following standards.*				
Minimum 90% Masonry Requirement	☐	☒	Exterior walls should consist of 90% masonry materials excluding doors and windows.	§05.01.A.1, of Art. 05
Indicate Amount and Location of the Minimum 20% Stone Requirement	☐	☒	Applies to facades that are visible from a public right-of-way and/or open space.	§05.01.A.1.a.1, of Art. 05
Minimum Standards for Articulation:				
Primary Facades (i.e. facades visible from a public ROW, open space/green space, public/private park, and or residential zoning district or residentially used property)	☐	☒	1. Wall Height [**H**] = **H** 2. Wall Length [**L**] = 4 x **H** 3. Wall Projection = 25% x **H** 4. Entry/Arch. Element Length = 33% x **L** 5. Projection Height = 25% x **H** 6. Entry/Arch. Element Width = 2 x (25% x **H**)	§05.01.C.1, of Art. 05
Secondary Facades	☐	☒	1. Wall Height [**H**] = **H** 2. Wall Length [**L**] = 3 x **H** 3. Entry/Arch. Element Length = 15% x **L** 4. Entry/Arch. Element Width = 15% x **H** 5. Projection Height = 15% x **H**	§05.01.C.2, of Art. 05







VICINITY MAP
N.T.S.

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

NOTE:
1. THE PROPOSED BUILDING EXPANSION SHALL BE ARCHITECTURALLY COMPATIBLE IN MATERIALS AND ARCHITECTURAL ELEMENTS TO THE EXISTING CHURCH FACILITY.
2. PROPOSED PARKING STALLS ARE MEASURED TO 9 FOOT WIDTH BY 20 FOOT LENGTH.
3. FIRELANE SHALL BE 6" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. PARKING AREAS SHALL BE 5" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. DUMPSTER PAD SHALL BE 7" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
4. ANY ROOF MOUNTED EQUIPMENT SHALL BE SCREENED EITHER BY MOUNTED SCREENS OR BY ROOF PARAPET.

NOTE:

LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:

RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:

SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:

WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

ROCKWALL SITE PLAN CASE No. _____

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS _____ DAY OF _____, 2025

_____ PLANNING & ZONING COMMISSION, CHAIR

_____ PLANNING DIRECTOR

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

PRELIMINARY
FOR PRELIMINARY REVIEW, PERMIT, OR PRICING PURPOSES ONLY.

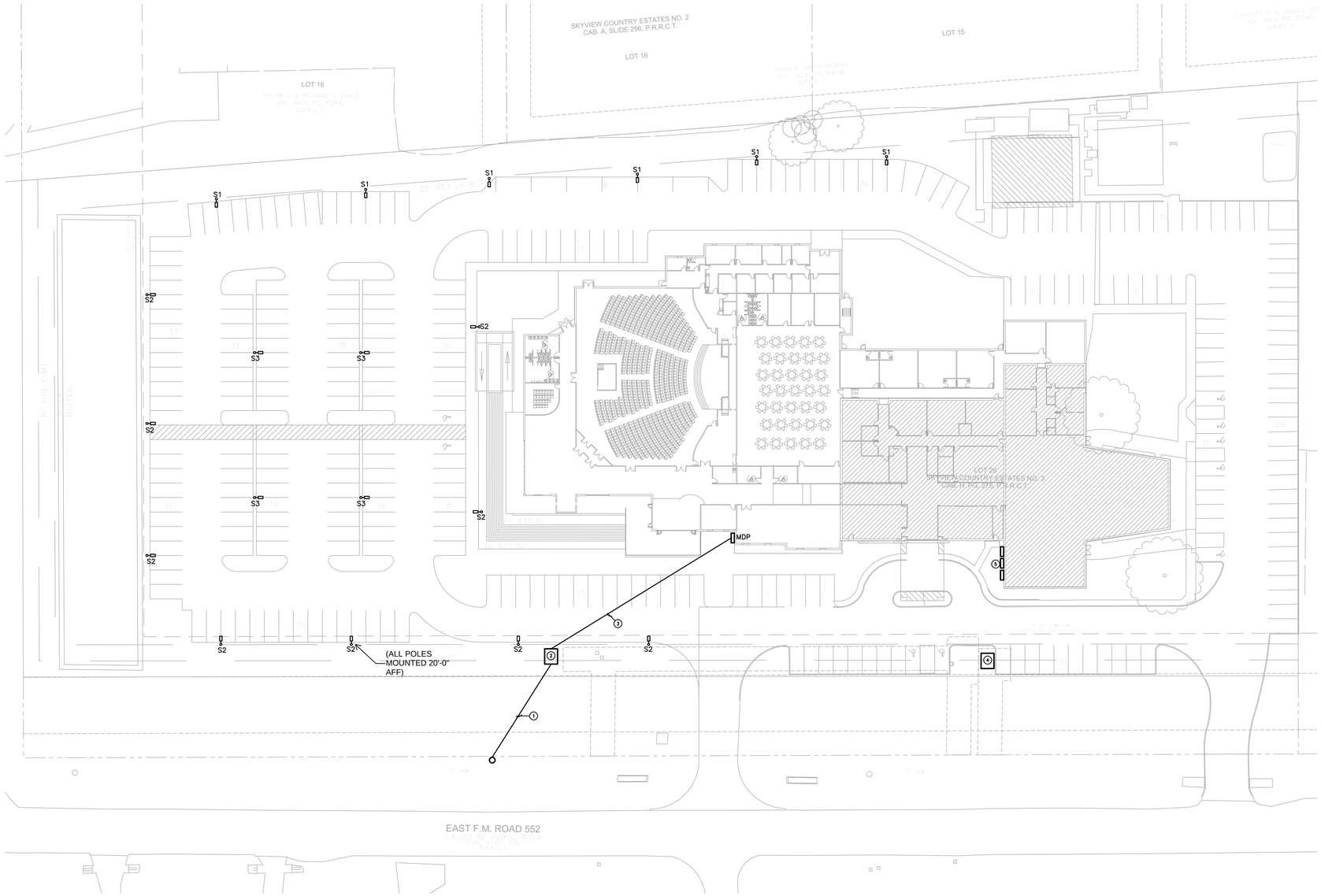
PREPARED BY:
GRAYSON K. HUGHES, PE

SITE PLAN

RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER
2024.011
DRAWING DATE
2025.06.13
SCALE
1"=40'
DESIGNED BY
GKH

SHEET NUMBER
C1.0



1 SITE PLAN - ELECTRICAL
SCALE: 1"=30'-0"

GENERAL NOTES:

A. ALL EXTERIOR EQUIPMENT AND DEVICES TO BE GFCI, WEATHERPROOF, NEMA 3R AS REQUIRED.

B. COORDINATE INSTALLATION OF ALL SITE CONDUITS WITH THE INSTALLATION OF ALL PAVING AND/OR CONCRETE SLABS.

C. ALL EXTERIOR LIGHT FIXTURES TO BE ROUTED THROUGH LIGHTING CONTROLS FOR PHOTOCELL/TIME OF DAY CONTROL.

D. ALL SITE LIGHTING TO UTILIZE #10 WIRE.

E. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LANDSCAPE ARCHITECT PRIOR TO ROUGH-IN.

NOTES BY SYMBOL:

1. PRIMARY SERVICE CONDUCTORS. COORDINATE ALL REQUIREMENTS WITH UTILITY PROVIDER. COORDINATE ROUTING WITH CIVIL.
2. 277/480V, 3Ø PAD MOUNTED UTILITY TRANSFORMER. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY PRIOR TO ROUGH-IN. REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. UNDERGROUND SECONDARY ELECTRICAL SERVICE. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY PRIOR TO ROUGH-IN. COORDINATE INSTALLATION OF PAVING AND LANDSCAPE. REFER TO ELECTRICAL RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. EXISTING UTILITY TRANSFORMER.
5. EXISTING ELECTRICAL SERVICE METER AND DISCONNECT. PLACARD AS REQUIRED WITH NEW SERVICE TO MEET NEC 230.1(E)

ISSUE/ REVISION
DESIGN DEVELOPMENT
DATE 05/23/2025
NO.

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

STATE OF TEXAS
STRIDER E. STEELE
109903
LICENSED
PROFESSIONAL
ENGINEER
06/13/2025

PROJECT: RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE: SITE PLAN - ELECTRICAL

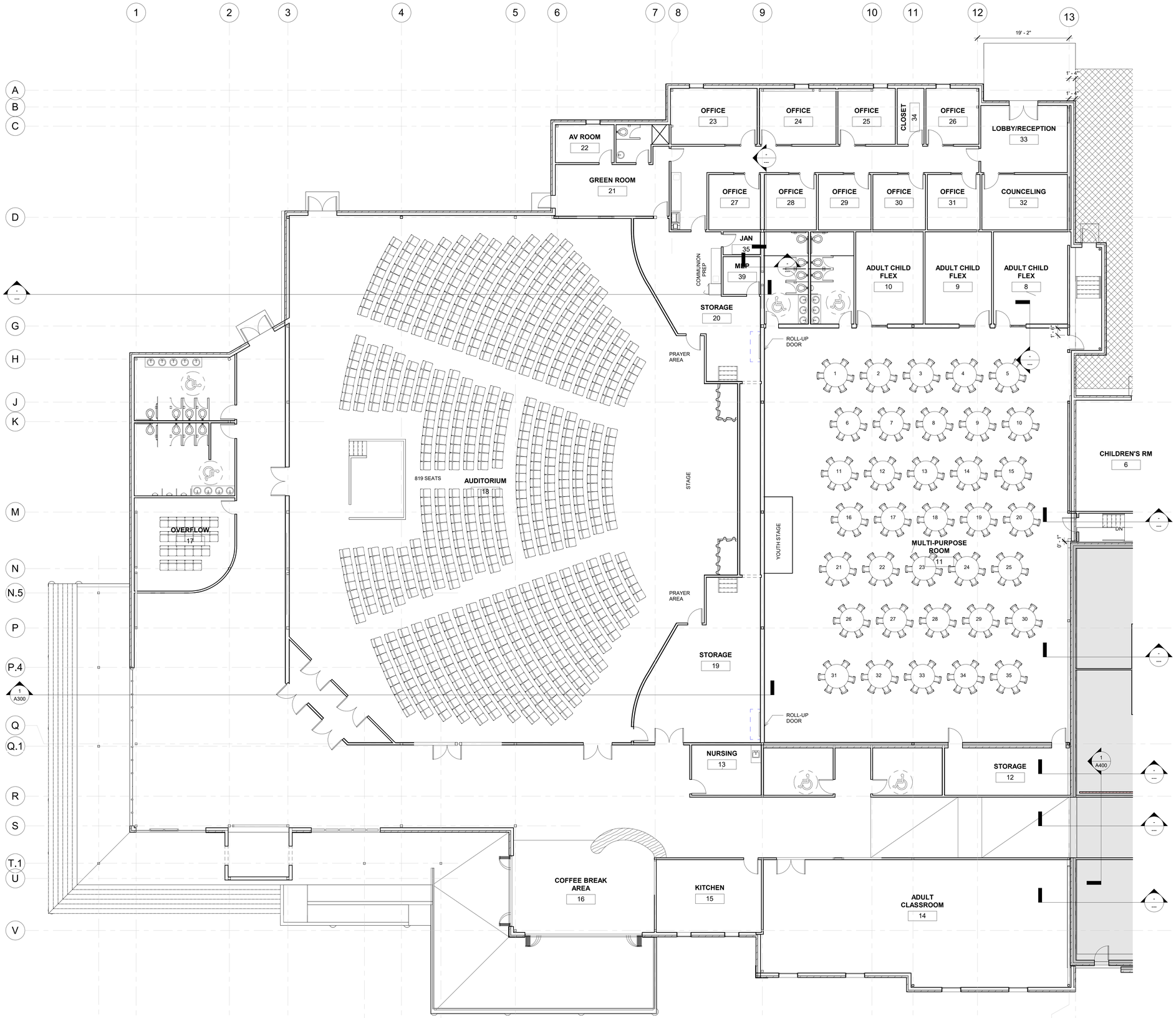
E101

SCALE: AS NOTED

V3 CONSULTING ENGINEERS
VIGILANT - VIABLE - VIRTUOUS
TEXAS REGISTRATION # F-20374
V3 PROJECT #: 24080

CHILDREN'S INDOOR SPACE NOTES:
1) 30 SF/CHILD OF INDOOR ACTIVITY SPACE
2) 18-MO OLD CHILDREN MUST HAVE SEPERATE SPACES
3) 1-SINK / 17 CHILDREN OVER 18-MO OLD
4) 1-SINK IN EACH DIAPER CHANGING LOCATION

CHILDREN'S OUTDOOR SPACE NOTES:
3) 80 SF/CHILD OF OUTDOOR SPACE USING OUTDOOR SPACE AT A GIVEN TIME (MIN 25% OF CHILD CAPACITY)
4) 4' FENCE AROUND OUTDOOR PLAY SPACE
5) 2 EXITS REQ'D (ONE TO THE INSIDE AND ONE OUT TO THE OPEN)



ISSUE/ REVISION | DATE | NO.

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
LEVEL 1 EXPANSION PLAN

A100

SCALE: 1/8" = 1'-0"



1 LVL 1 CONT
1/8" = 1'-0"

ISSUE/ REVISION

NO. | DATE

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

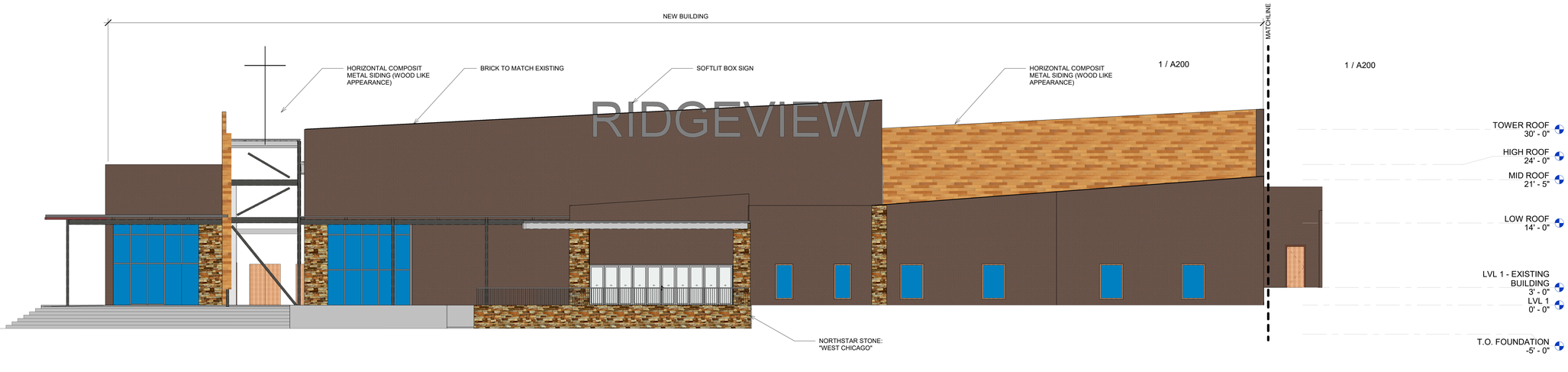
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

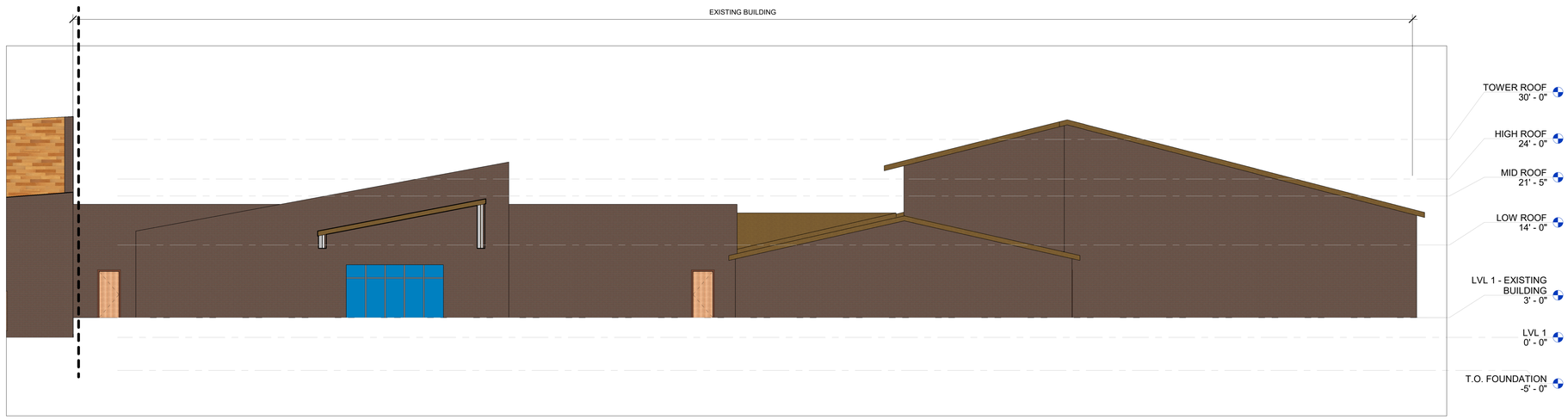
SHEET TITLE:
LEVEL 1 EXPANSION PLAN CONT.

A100-B

SCALE: 1/8" = 1'-0"



2 South - NEW BUILDING
1/8" = 1'-0"



1 South - EXISTING BUILDING
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

OLER SENTZ
TEXAS FIRM NO: F-2612 | 2715 E. STONE ROAD, WYLIE, TEXAS 75098

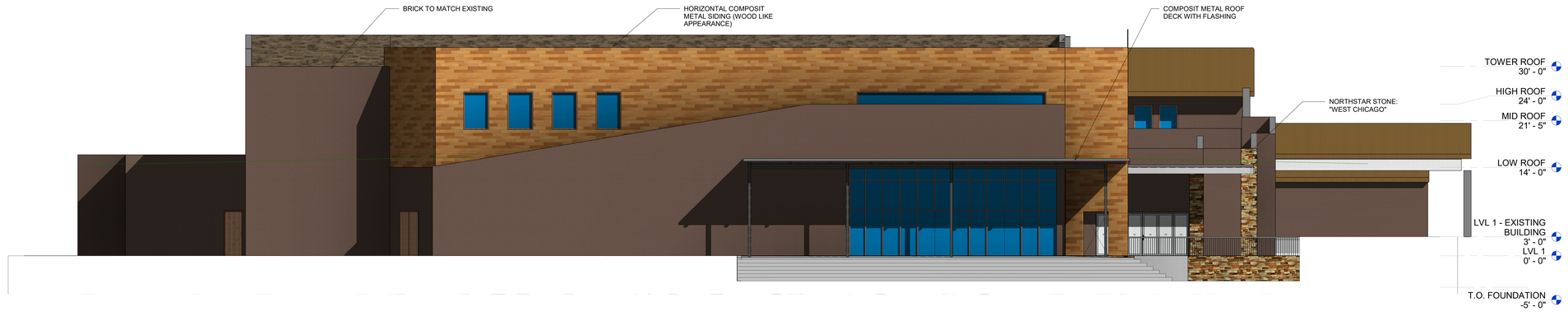
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

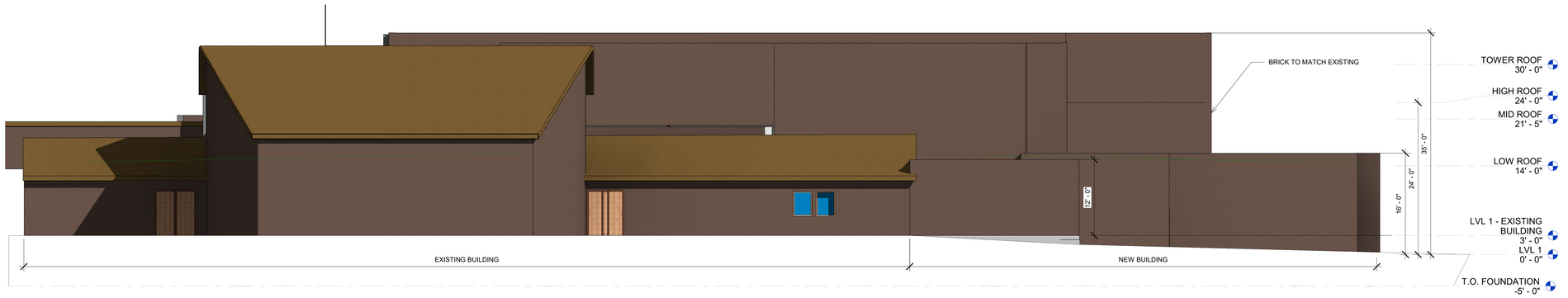
SHEET TITLE:
ELEVATIONS SOUTH FACE

A200

SCALE: 1/8" = 1'-0"



4 West
1/8" = 1'-0"



3 East
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

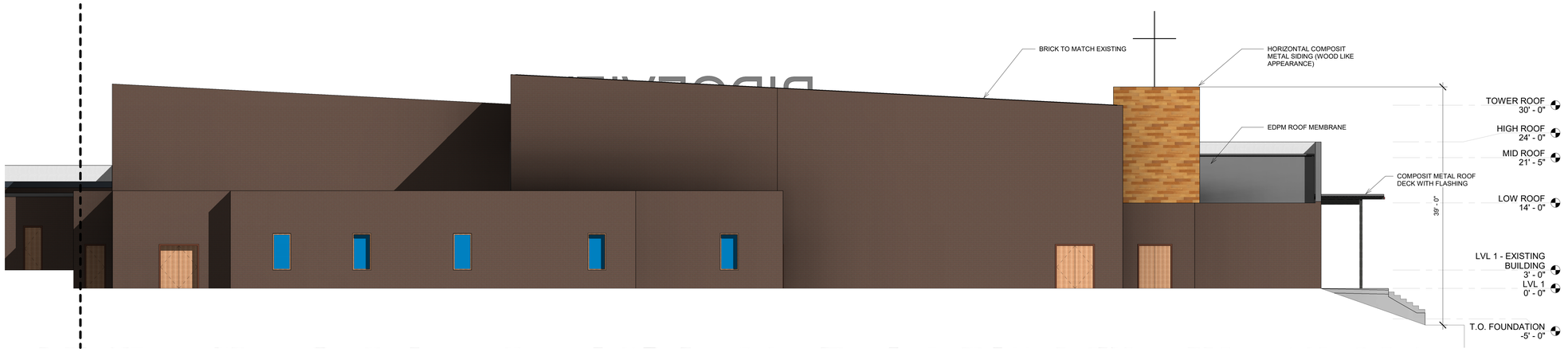
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

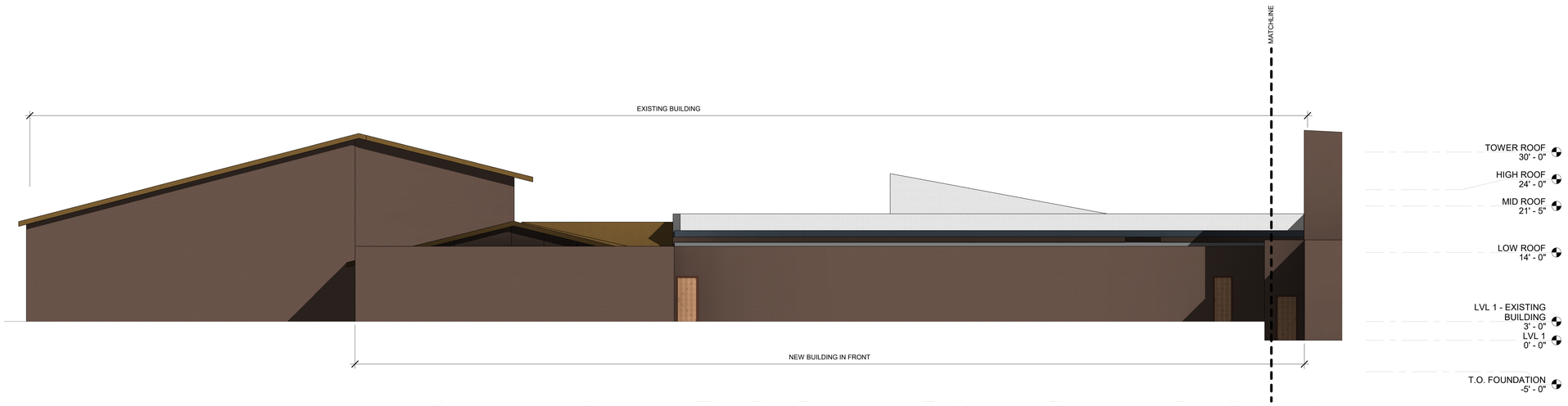
SHEET TITLE:
ELEVATIONS (EAST AND WEST)

A201

SCALE: 1/8" = 1'-0"



2 North - NEW BUILDING
1/8" = 1'-0"



1 North - EXISITNG BUILDING
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

TEXAS FIRM NO: F-2612
OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098

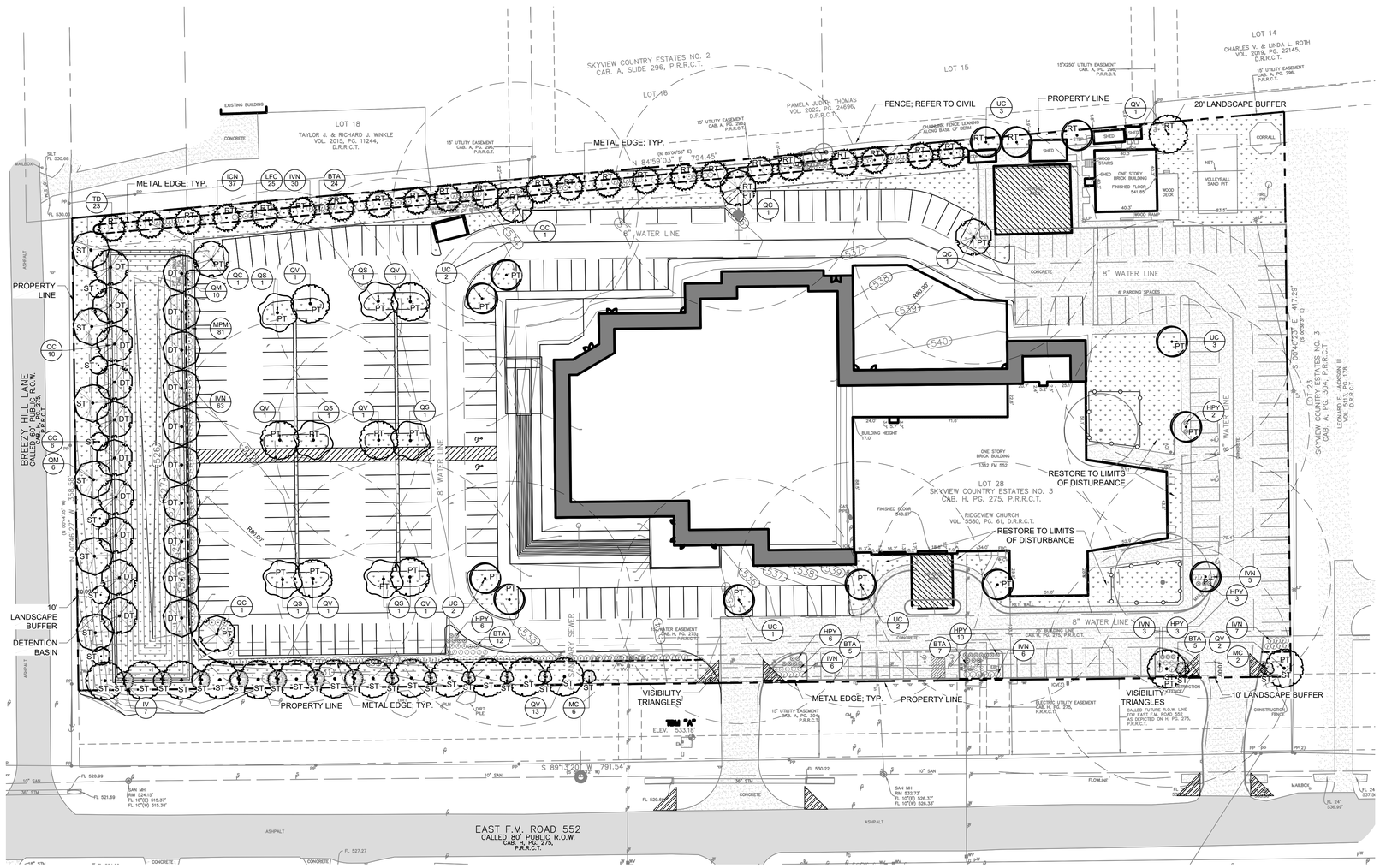
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

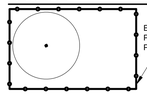
SHEET TITLE:
ELEVATIONS NORTH FACE

A202

SCALE: 1/8" = 1'-0"



LEGEND



ST - STREET FRONTAGE BUFFER TREE
PT - PARKING LOT TREE
RT - RESIDENTIAL LANDSCAPE BUFFER TREE

LANDSCAPE CALCULATIONS / STANDARDS

ARTICLE 08: LANDSCAPE STANDARDS
05.01 LANDSCAPE BUFFERS - NON-RESIDENTIAL

REQ. ABUTTING A PUBLIC RIGHT-OF-WAY:	*10' WIDE LANDSCAPE BUFFER W/ GROUND COVER, BERM, AND SHRUBBERY 30" HIGH, 1 CANOPY TREE & 1 ACCENT TREE PER 50 LF OF FRONTAGE.*
E FM RD 552:	725' LF
CANOPY TREES REQUIRED:	15 CANOPY TREES
CANOPY TREES PROVIDED:	**15 CANOPY TREES**
ACCENT TREES REQUIRED:	15 ACCENT TREES
ACCENT TREES PROVIDED:	**15 ACCENT TREES**
ENHANCED LANDSCAPING:	***EXTRA SHRUBS PROVIDED***
BREEZY HILL LN:	308' LF
CANOPY TREES REQUIRED:	6 CANOPY TREES
CANOPY TREES PROVIDED:	**6 CANOPY TREES**
ACCENT TREES REQUIRED:	6 ACCENT TREES
ACCENT TREES PROVIDED:	**6 ACCENT TREES**

05.02, 05.06 LANDSCAPE SCREENING

STREET FRONTAGE SCREENING:	
REQ. HEADLIGHT SCREENING:	*HEAD-IN PARKING ADJ. TO STREETS & RESIDENTIAL DISTRICTS SHALL INCORP. MIN. 36" EVERGREEN SHRUBS ALONG ENTIRE PARKING AREAS.*
PROVIDED SCREENING (STREET):	**36" HT. EVERGREEN PLANTING**
RESIDENTIAL SCREENING:	*3-TIER LANDSCAPING: MIN 15'+ LANDSCAPE BUFFER, MIN. 6' FENCE, 1 TREE PER 40 LF, 1 LARGE SHRUB PER 10 LF, & TURF GROUNDCOVER*
PROVIDED SCREENING (RESIDENTIAL):	**20' LANDSCAPE BUFFER** 795' LF (NORTH), 369' LF (EAST) = 1,164' LF
FENCE OR BERM PROVIDED:	**FENCE; REFER TO CIVIL**
CANOPY TREES REQUIRED:	29 CANOPY TREES
CANOPY TREES PROVIDED:	**29 CANOPY TREES**
LARGE SHRUBS REQUIRED:	116 LARGE SHRUBS
LARGE SHRUBS PROVIDED:	**116 LARGE SHRUBS**

05.03, 05.09, 5.12 LANDSCAPE REQUIREMENTS - GENERAL RETAIL

TOTAL SITE AREA:	**307,196 SF** (7.03 AC)
LANDSCAPE AREA REQUIRED, TOTAL SITE:	46,079 SF (15%)
LANDSCAPE PROVIDED, TOTAL SITE:	**67,761 SF (22%)**
LOCATION OF LANDSCAPING:	*MIN. 50% OF REQ. LANDSCAPING SHALL BE LOCATED IN THE FRONT OF & ALONG THE SIDE OF BUILDINGS W/ STREET FRONTAGE.*
MIN. SIZE OF AREAS:	*ALL REQ. LANDSCAPING SHALL BE NO LESS THAN 5' WIDE AND A MIN. OF 25 SF IN AREA.*
PARKING LOT LANDSCAPING:	*MIN. 5% OR 200 SF OF LANDSCAPING, WHICHEVER IS GREATER, IN THE INTERIOR OF THE PARKING LOT. IF OVER 20,000 SF: 1 TREE PER 10 SPACES REQ. 1 TREE WITHIN 80' OF EACH PARKING SPACE REQ.*
PROPOSED PARKING AREA:	**±107,486 SF**
REQ. PARKING LOT LANDSCAPING:	5,374 SF (5%)
PROPOSED PARKING LOT LANDSCAPING;	**8,251 SF (8%)**
PARKING LOT SPACES PROPOSED:	286 SPACES
CANOPY TREES REQUIRED:	29 CANOPY TREES
CANOPY TREES PROVIDED:	**29 CANOPY TREES**
1 TREE WITHIN 80' OF EACH SPACE:	**PROVIDED**
DETENTION BASIN SITE AREA:	**14,608 SF**
CANOPY TREES REQUIRED:	20 CANOPY TREES *(1 PER 750 SF)*
CANOPY TREES PROVIDED:	**20 CANOPY TREES**
NATIVE GRASSES:	**PROVIDED**

ARTICLE 09: TREE PRESERVATION
06: TREE REPLACEMENT AND PLANTING REQUIREMENTS

MITIGATION REQUIRED:	0"
MITIGATION PROVIDED:	0"

07: TREE REPLACEMENT CREDITS
ALL REPLACEMENT TREES SHALL BE A MIN. 4" CALIPER.

NOTE: REFER TO TD PLANS FOR MORE INFORMATION.

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED), IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

PLANTING & IRRIGATION GUARANTEE

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE THAT ALL NEWLY INSTALLED AND EXISTING PLANTS SHALL SURVIVE FOR ONE YEAR AFTER FINAL OWNER ACCEPTANCE OF THE INSTALLATION WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR APPROPRIATE WATERING OF THE LANDSCAPE THROUGH INSTALLATION OF A PROPERLY DESIGNED IRRIGATION SYSTEM. THE OWNER SHALL APPROVE THE SYSTEM DESIGN BEFORE INSTALLATION OF PLANTS OR IRRIGATION.

IRRIGATION CONCEPT

1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR.
2. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE.
3. ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED. SODDED AND SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD COVERAGE.
4. ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.
6. ALL IRRIGATION SHALL MEET THE REQUIREMENTS OF THE CITY OF ROCKWALL'S UDC (SUBSECTION 05.04, OF ARTICLE 08)

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

PLANT SCHEDULE

ACCENT TREE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	CC	Cercis canadensis texensis	Texas Redbud	6` Ht.	6	Deciduous | Preferred
	IV	Ilex vomitoria	Yaupon Holly	6` Ht.	7	Evergreen | Preferred
	MC	Myrica cerifera	Wax Myrtle	6` Ht.	8	Evergreen | Preferred

CANOPY TREES

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	QM	Quercus macrocarpa	Burr Oak	3` Cal.	16	6 MIN. HT. Deciduous | Preferred
	QC	Quercus muehlenbergii	Chinkapin Oak	3` Cal.	15	6 MIN. HT. Deciduous | Preferred
	QS	Quercus shumardii	Shumard Oak	3` Cal.	6	6 MIN. HT. Deciduous | Preferred
	QV	Quercus virginiana	Southern Live Oak	3` Cal.	22	6 MIN. HT. Deciduous | Preferred
	TD	Taxodium distichum	Bald Cypress	3` Cal.	23	6 MIN. HT. Deciduous | Preferred
	UC	Ulmus crassifolia	Cedar Elm	3` Cal.	13	6 MIN. HT. Deciduous | Preferred

SHRUBS

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	BTA	Berberis thunbergii 'Atropurpurea Nana'	Dwarf Red Leaf Japanese Barberry	5 gal.	53	
	HPY	Hesperaloe parviflora	Red Yucca	5 gal.	30	24" HT. MIN. Evergreen
	IGN	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	5 gal.	37	
	IVN	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	5 gal.	118	24" HT. MIN. Evergreen
	LFC	Leucophyllum frutescens 'Compacta'	Compact Texas Sage	5 gal.	25	
	MPM	Myrica pusilla	Dwarf Wax Myrtle	5 gal.	81	24" HT. MIN. Evergreen

SOD/SEED

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	TRF	Cynodon dactylon x transvaalensis 'DT-1'	TifTuff™ Bermudagrass	sod	56,580 sf	Preferred

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

0 40' 80'
1" = 40'-0"

NORTH

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.6630
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

06/12/2025

LANDSCAPE PLAN

RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

PROJECT NUMBER
2024.011

DRAWING DATE
2025.06.12

SCALE
AS NOTED

DESIGNED BY

SHEET NUMBER
LP-1

PLANTING SPECIFICATIONS

GENERAL

A. QUALIFICATIONS OF LANDSCAPE CONTRACTOR
   1. ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM SPECIALIZING IN LANDSCAPE PLANTING.
   2. A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES.
   3. THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID NURSERY AND FLORAL CERTIFICATE ISSUED BY THE TEXAS DEPARTMENT OF AGRICULTURE, AS WELL AS OPERATE UNDER A COMMERCIAL PESTICIDE APPLICATOR LICENSE ISSUED BY EITHER THE TEXAS DEPARTMENT OF AGRICULTURE OR THE TEXAS STRUCTURAL PEST CONTROL BOARD.

B. SCOPE OF WORK
   1. WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HEREIN AND / OR SHOWN ON THE LANDSCAPE PLANS, NOTES, AND DETAILS.
   2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS.
   3. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

PRODUCTS

A. ALL MANUFACTURED PRODUCTS SHALL BE NEW.
B. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:
   1. FURNISH NURSERY-GROWN PLANTS COMPLYING WITH ANSI Z60.1-2014. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE, AND WITH SIMILAR CLIMACTIC CONDITIONS.
   2. ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED ROOTS).
   3. ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTBLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLE JUDGES AS TO THE ACCEPTABILITY OF PLANT MATERIAL.
   4. ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING.
   5. CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREES UP TO AND INCLUDING FOUR INCHES IN CALIPER, AND TWELVE INCHES ABOVE THE ROOT FLARE FOR TREES EXCEEDING FOUR INCHES IN CALIPER.
   6. MULTI-TYRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED FROM THE TOP OF THE ROOT BALL.
   7. ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF THE ROOT BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED, SHALL BE REJECTED.
C. SOD: PROVIDE WELL-ROOTED SOD OF THE VARIETY NOTED ON THE PLANS. SOD SHALL BE CUT FROM HEALTHY, MATURE TURF WITH SOIL THICKNESS OF 3/4" TO 1". EACH PALLET OF SOD SHALL BE ACCOMPANIED BY A CERTIFICATE FROM SUPPLIER STATING THE COMPOSITION OF THE SOD.
D. SEED: PROVIDE BLEND OF SPECIES AND VARIETIES AS NOTED ON THE PLANS, WITH MAXIMUM PERCENTAGES OF PURITY, GERMINATION, AND MINIMUM PERCENTAGE OF WEED SEED AS INDICATED ON PLANS. EACH BAG OF SEED SHALL BE ACCOMPANIED BY A TAG FROM THE SUPPLIER INDICATING THE COMPOSITION OF THE SEED.
E. TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN ½ INCH, FOREIGN MATTER, PLANTS, ROOTS, AND SEEDS.
F. COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8; MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT; 100 PERCENT PASSING THROUGH 3/4-INCH SIEVE; SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENS/M; NOT EXCEEDING 0.5 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO PLANTINGS. NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED.
G. FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROGEN, PHOSPHORUS, POTASSIUM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOIL-TESTING AGENCY (SEE BELOW).
H. MULCH: SIZE AND TYPE AS INDICATED ON PLANS, FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS.
I. WEED FABRIC: 5 OUNCE, WOVEN, NEEDLE-PUNCHED FABRIC, SUCH AS DEWITT PRO5 LANDSCAPE FABRIC (OR APPROVED EQUAL).
J. TREE STAKING AND GUYING
   1. STAKES: 6' LONG GREEN METAL T-POSTS.
   2. GUY AND TIE WIRE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.106 INCH DIAMETER.
   3. STRAP CHAFING GUARD: REINFORCED NYLON OR CANVAS AT LEAST 1-1/2 INCH WIDE, WITH GROMMETS TO PROTECT TREE TRUNKS FROM DAMAGE.
M. STEEL EDGING: PROFESSIONAL STEEL EDGING, 10 GAUGE THICK X 4 INCHES WIDE, FACTORY PAINTED DARK GREEN. ACCEPTABLE MANUFACTURERS INCLUDE COL-MET OR APPROVED EQUAL.
N. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

METHODS

A. SOIL PREPARATION
   1. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST.
   2. SOIL TESTING:
      a. AFTER FINISH GRADES HAVE BEEN ESTABLISHED, CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY FOR THE FOLLOWING: SOIL TEXTURAL CLASS, GENERAL SOIL FERTILITY, pH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL.
      b. CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES.
      c. THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): GENERAL SOIL PREPARATION AND BACKFILL MIXES, PRE-PLANT FERTILIZER APPLICATIONS, AND ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE.
   3. THE CONTRACTOR SHALL INSTALL SOIL AMENDMENTS AND FERTILIZERS PER THE SOILS REPORT RECOMMENDATIONS. ANY CHANGE IN COST DUE TO THE SOIL REPORT RECOMMENDATIONS, EITHER INCREASE OR DECREASE, SHALL BE SUBMITTED TO THE OWNER WITH THE REPORT.
   4. FOR BIDDING PURPOSES ONLY, THE SOIL PREPARATION SHALL CONSIST OF THE FOLLOWING:
      a. TURF: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
         i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
         ii. PREPLANT TURF FERTILIZER (10-20-10 OR SIMILAR, SLOW RELEASE, ORGANIC) - 15 LBS PER 1,000 S.F.
         iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
      b. TREES, SHRUBS, AND PERENNIALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
         i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
         ii. 12-12-12 FERTILIZER (OR SIMILAR, ORGANIC, SLOW RELEASE) - 10 LBS. PER CU. YD.
         iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
         iv. IRON SULPHATE - 2 LBS. PER CU. YD.
   5. CONTRACTOR SHALL ENSURE THAT THE GRADE IN SOD AREAS SHALL BE 1" BELOW FINISH GRADE BEFORE INSTALLING SOIL AMENDMENTS, AND 2" BELOW FINISH GRADE IN SHRUB AREAS BEFORE INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL.
   6. ONCE SOIL PREPARATION IS COMPLETE, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THERE ARE NO DEBRIS, TRASH, OR STONES LARGER THAN 1" REMAINING IN THE TOP 6" OF SOIL.

B. GENERAL PLANTING
   1. REMOVE ALL NURSERY TAGS AND STAKES FROM PLANTS.
   2. EXCEPT IN AREAS TO BE PLANTED WITH ORNAMENTAL GRASSES, APPLY PRE-EMERGENT HERBICIDES AT THE MANUFACTURER'S RECOMMENDED RATE.
   3. TRENCHING NEAR EXISTING TREES:
      a. CONTRACTOR SHALL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES, AND SHALL EXERCISE ALL POSSIBLE CARE AND PRECAUTIONS TO AVOID INJURY TO TREE ROOTS, TRUNKS, AND BRANCHES. THE CRZ IS DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUNK, WITH A RADIUS EQUAL TO 1' FOR EVERY 1" OF TRUNK DIAMETER-AT-BREAST-HEIGHT (4.5' ABOVE THE AVERAGE GRADE AT THE TRUNK).
      b. ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ.
      c. ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-1/2" AND LARGER IN DIAMETER. WHERE TREE ROOTS 1-1/2" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD, TUNNEL UNDER SUCH ROOTS. WRAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLAP AND KEEP MOIST. CLOSE ALL TRENCHES WITHIN THE CANOPY DRIP LINES WITHIN 24 HOURS.
      d. ALL SEVERED ROOTS SHALL BE HAND PRUNED WITH SHARP TOOLS AND ALLOWED TO AIR-DRY. DO NOT USE ANY SORT OF SEALERS OR WOUND PAINTS.

C. TREE PLANTING
   1. TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL, AND TO A DEPTH EQUAL TO THE DEPTH OF THE ROOTBALL LESS TWO TO FOUR INCHES.
   2. SCARIFY THE SIDES AND BOTTOM OF THE PLANTING HOLE PRIOR TO THE PLACEMENT OF THE TREE. REMOVE ANY GLAZING THAT MAY HAVE BEEN CAUSED DURING THE EXCAVATION OF THE HOLE.
   3. FOR CONTAINER AND BOX TREES, TO REMOVE ANY POTENTIALLY GIRDLING ROOTS AND OTHER ROOT DEFECTS, THE CONTRACTOR SHALL SHAVE A 1" LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES JUST BEFORE PLACING INTO THE PLANTING PIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL.
   4. INSTALL THE TREE ON UNDISTURBED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SURROUNDING GRADE.
   5. BACKFILL THE TREE HOLE UTILIZING THE EXISTING TOPSOIL FROM ON-SITE. ROCKS LARGER THAN 1" DIA. AND ALL OTHER DEBRIS SHALL BE REMOVED FROM THE SOIL PRIOR TO THE BACKFILL. SHOULD ADDITIONAL SOIL BE REQUIRED TO ACCOMPLISH THIS TASK, USE STORED TOPSOIL FROM ON-SITE OR IMPORT ADDITIONAL TOPSOIL FROM OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IMPORTED TOPSOIL SHALL BE OF SIMILAR TEXTURAL CLASS AND COMPOSITION IN THE ON-SITE SOIL.
   6. THE TOTAL NUMBER OF TREE STAKES (BEYOND THE MINIMUMS LISTED BELOW) WILL BE LEFT TO THE LANDSCAPE CONTRACTOR'S DISCRETION. SHOULD ANY TREES FALL OR LEAN, THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN THE TREE, OR REPLACE IT SHOULD IT BECOME DAMAGED. TREE STAKING SHALL ADHERE TO THE FOLLOWING GUIDELINES:

a.	1"-2" TREES	TWO STAKES PER TREE
b.	2-1/2"-4" TREES	THREE STAKES PER TREE
c.	TREES OVER 4" CALIPER	GUY AS NEEDED
d.	MULTI-TRUNK TREES	THREE STAKES PER TREE MINIMUM, QUANTITY AND POSITIONS AS NEEDED TO STABILIZE THE TREE

   7. UPON COMPLETION OF PLANTING, CONSTRUCT AN EARTH WATERING BASIN AROUND THE TREE. COVER THE INTERIOR OF THE TREE RING WITH THE WEED BARRIER CLOTH AND TOPDRESS WITH MULCH (TYPE AND DEPTH PER PLANS).

D. SHRUB, PERENNIAL, AND GROUNDCOVER PLANTING
   1. DIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROOTBALL. INSTALL THE PLANT IN THE HOLE. BACKFILL AROUND THE PLANT WITH SOIL AMENDED PER SOIL TEST RECOMMENDATIONS.
   2. INSTALL THE WEED BARRIER CLOTH, OVERLAPPING IT AT THE ENDS. UTILIZE STEEL STAPLES TO KEEP THE WEED BARRIER CLOTH IN PLACE.
   3. WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS, COVERING THE ENTIRE PLANTING AREA.

E. SODDING
   1. SOD VARIETY TO BE AS SPECIFIED ON THE LANDSCAPE PLAN.
   2. LAY SOD WITHIN 24 HOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN.
   3. LAY THE SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS - DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.
   4. ROLL THE SOD TO ENSURE GOOD CONTACT OF THE SOD'S ROOT SYSTEM WITH THE SOIL UNDERNEATH.
   5. WATER THE SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING TO OBTAIN AT LEAST SIX INCHES OF PENETRATION INTO THE SOIL BELOW THE SOD.

G. CLEAN UP
   1. DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION.
   2. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE.

H. INSPECTION AND ACCEPTANCE
   1. UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.
   2. WHEN THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, THE LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24 HOURS.
   3. THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE.

I. LANDSCAPE MAINTENANCE
   1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTING OF PLANTS THAT HAVE SETTLED, MOWING AND AERATION OF LAWNS, WEEDING, RESEEDING AREAS WHICH HAVE NOT GERMINATED WELL, TREATING FOR INSECTS AND DISEASES,REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.
   2. SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL, HEALTHY STAND OF GRASS AT NO ADDITIONAL COST TO THE OWNER.
   3. TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR:
      a. THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
      b. ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
      c. SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING. HYDROMULCHED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH. BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESODDED OR RESEEDED (AS APPROPRIATE) PRIOR TO FINAL ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.

J. WARRANTY PERIOD, PLANT GUARANTEE AND REPLACEMENTS
   1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS, PERENNIALS, SOD, SEEDED/HYDROMULCHED AREAS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE (90 DAYS FOR ANNUAL PLANTS). THE CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY.
   2. AFTER THE INITIAL MAINTENANCE PERIOD AND DURING THE GUARANTEE PERIOD, THE LANDSCAPE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DAMAGE BY HUMAN ACTIONS.

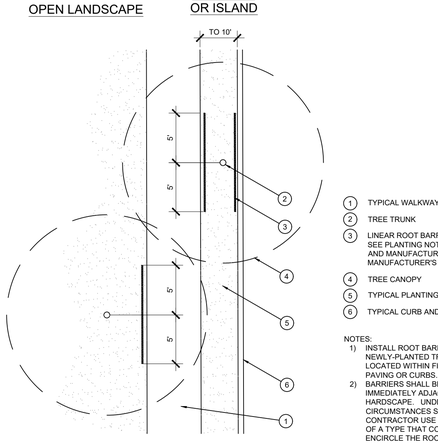
K. PROVIDE A MINIMUM OF (2) COPIES OF RECORD DRAWINGS TO THE OWNER UPON COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.

GENERAL GRADING & PLANTING NOTES

1. BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
3. IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.
   a. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
   b. CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
   c. THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (**BASED ON A SOIL TEST**, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED.
   d. ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   e. ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   f. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
4. ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
   a. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
   b. **NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.** IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
   c. THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL SOLID SOD IN ALL RIGHT-OF-WAYS AND PARKWAYS (UNLESS NOT ALLOWED BY THE LOCAL JURISDICTION) AND SHALL PROVIDE WATERING AND MAINTENANCE UNTIL THE TURF IS ESTABLISHED AND HAS BEEN ACCEPTED BY OWNER.
6. THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.
7. SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

TEXAS ONE CALL

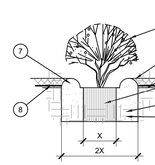
CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES



1. TYPICAL WALKWAY OR PAVING
2. TREE TRUNK
3. LINEAR ROOT BARRIER MATERIAL. SEE PLANTING NOTES FOR TYPE AND MANUFACTURER. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
4. TREE CANOPY
5. TYPICAL PLANTING AREA
6. TYPICAL CURB AND GUTTER

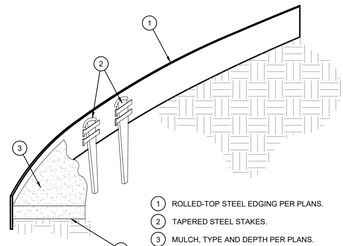
NOTES:
1) INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS.
2) BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

D ROOT BARRIER - PLAN VIEW
SCALE: NOT TO SCALE



1. SHRUB, PERENNIAL, OR ORNAMENTAL GRASS.
2. MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT CENTER.
3. FINISH GRADE.
4. ROOT BALL.
5. BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.
6. UNDISTURBED NATIVE SOIL.
7. 3" HIGH EARTHEN WATERING BASIN.
8. WEED FABRIC UNDER MULCH.

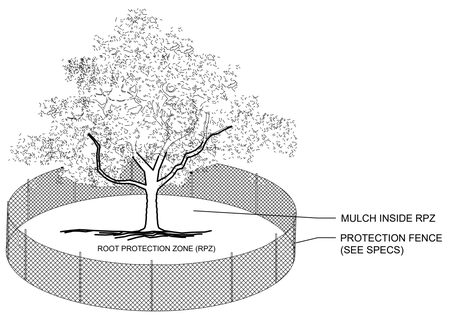
E SHRUB AND GROUNDCOVER PLANTING
SCALE: NTS



1. ROLLED-TOP STEEL EDGING PER PLANS.
2. TAPERED STEEL STAKES.
3. MULCH, TYPE AND DEPTH PER PLANS.
4. FINISH GRADE.

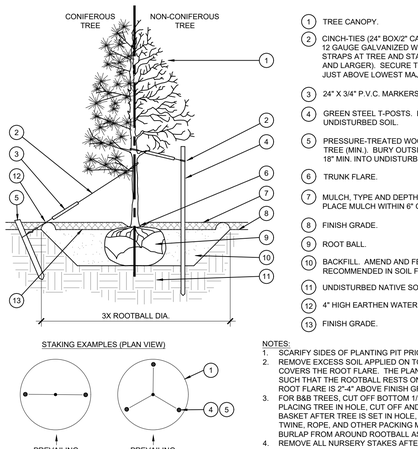
NOTES:
1) INSTALL EDGING SO THAT STAKES WILL BE ON INSIDE OF PLANTING BED.
2) BOTTOM OF EDGING SHALL BE BURIED A MINIMUM OF 1" BELOW FINISH GRADE.
3) TOP OF MULCH SHALL BE 1" LOWER THAN TOP OF EDGING.

F STEEL EDGING
SCALE: NOT TO SCALE



NOTES:
1. THE FENCING LOCATION SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND BE LIMITED TO PROJECT BOUNDARY. WHERE MULTIPLE ADJACENT TREES WILL BE ENCLOSED BY FENCING, THE FENCING SHALL BE CONTINUOUS AROUND ALL TREES.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

G TREE PROTECTION FENCE
SCALE: NOT TO SCALE



1. TREE CANOPY.
2. CINCH-TIES (24" BOX/2" CAL. TREES AND SMALLER) OR 12 GAUGE GALVANIZED WIRE WITH NYLON TREE STRAPS AT TREE AND STAKE (36" BOX/2.5" CAL. TREES AND LARGER). SECURE TIES OR STRAPS TO TRUNK JUST ABOVE LOWEST MAJOR BRANCHES.
3. 24" X 3/4" P.V.C. MARKERS OVER WIRES.
4. GREEN STEEL T-POSTS. EXTEND POSTS 12" MIN. INTO UNDISTURBED SOIL.
5. PRESSURE-TREATED WOOD DEADMAN, TWO PER TREE (MIN.). BURY OUTSIDE OF PLANTING PIT AND 18" MIN. INTO UNDISTURBED SOIL.

TREE PROTECTION SPECIFICATIONS

MATERIALS

1. FABRIC: 4 FOOT HIGH ORANGE PLASTIC FENCING AS SHOWN ON THE PLANS AND SHALL BE WOVEN WITH 2 INCH MESH OPENINGS SUCH THAT IN A VERTICAL DIMENSION OF 23 INCHES ALONG THE DIAGONALS OF THE OPENINGS THERE SHALL BE AT LEAST 7 MESHES.
2. POSTS: POSTS SHALL BE A MINIMUM OF 72 INCHES LONG AND STEEL 'T' SHAPED WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAR FOOT.
3. TIE WIRE: WIRE FOR ATTACHING THE FABRIC TO THE T-POSTS SHALL BE NOT LESS THAN NO. 12 GAUGE GALVANIZED WIRE,
4. USED MATERIALS: PREVIOUSLY-USED MATERIALS, MEETING THE ABOVE REQUIREMENTS AND WHEN APPROVED BY THE OWNER, MAY BE USED.

CONSTRUCTION METHODS

1. ALL TREES AND SHRUBS SHOWN TO REMAIN WITHIN THE PROXIMITY OF THE CONSTRUCTION SITE SHALL BE PROTECTED PRIOR TO BEGINNING ANY DEVELOPMENT ACTIVITY.
2. EMPLOY THE SERVICES OF AN ISA (INTERNATIONAL SOCIETY OF ARBORICULTURE) CERTIFIED ARBORIST AND OBTAIN ALL REQUIRED PERMITS TO PRUNE THE EXISTING TREES FOR CLEANING, RAISING AND THINNING, AS MAY BE REQUIRED.
3. PROTECTIVE FENCING SHALL BE ERECTED OUTSIDE THE CRITICAL ROOT ZONE (CRZ, EQUAL TO 1' FROM THE TRUNK FOR EVERY 1" OF DBH) AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE LANDSCAPE CONSULTANT AND/OR CITY ARBORIST, AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. FENCING SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. TREES IN CLOSE PROXIMITY SHALL BE FENCED TOGETHER, RATHER THAN INDIVIDUALLY.
4. PROTECTIVE FENCE LOCATIONS IN CLOSE PROXIMITY TO STREET INTERSECTIONS OR DRIVES SHALL ADHERE TO THE APPLICABLE JURISDICTION'S SIGHT DISTANCE CRITERIA.
5. THE PROTECTIVE FENCING SHALL BE ERECTED BEFORE SITE WORK COMMENCES AND SHALL REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PHASE.
6. THE INSTALLATION POSTS SHALL BE PLACED EVERY 6 FEET ON CENTER AND EMBEDDED TO 18 INCHES DEEP. MESH FABRIC SHALL BE ATTACHED TO THE INSTALLATION POSTS BY THE USE OF SUFFICIENT WIRE TIES TO SECURELY FASTEN THE FABRIC TO THE T-POSTS TO HOLD THE FABRIC IN A STABLE AND UPRIGHT POSITION.
7. WITHIN THE CRZ:
   a. DO NOT CLEAR, FILL OR GRADE IN THE CRZ OF ANY TREE.
   b. DO NOT STORE, STOCKPILE OR DUMP ANY JOB MATERIAL, SOIL OR RUBBISH UNDER THE SPREAD OF THE TREE BRANCHES.
   c. DO NOT PARK OR STORE ANY EQUIPMENT OR SUPPLIES UNDER THE TREE CANOPY.
   d. DO NOT SET UP ANY CONSTRUCTION OPERATIONS UNDER THE TREE CANOPY (SUCH AS PIPE CUTTING AND THREADING, MORTAR MIXING, PAINTING OR LUMBER CUTTING).
   e. DO NOT NAIL OR ATTACH TEMPORARY SIGNS METERS, SWITCHES, WIRES, BRACING OR ANY OTHER ITEM TO THE TREES.
   f. DO NOT PERMIT RUNOFF FROM WASTE MATERIALS INCLUDING SOLVENTS, CONCRETE WASHOUTS, ASPHALT TACK COATS (MC-30 OIL), ETC. TO ENTER THE CRZ. BARRIERS ARE TO BE PROVIDED TO PREVENT SUCH RUNOFF SUBSTANCES FROM ENTERING THE CRZ WHENEVER POSSIBLE, INCLUDING IN AN AREA WHERE RAIN OR SURFACE WATER COULD CARRY SUCH MATERIALS TO THE ROOT SYSTEM OF THE TREE.
8. ROUTE UNDERGROUND UTILITIES TO AVOID THE CRZ. IF DIGGING IS UNAVOIDABLE, BORE UNDER THE ROOTS, OR HAND DIG TO AVOID SEVERING THEM.
9. WHERE EXCAVATION IN THE VICINITY OF TREES MUST OCCUR, SUCH AS FOR IRRIGATION INSTALLATION, PROCEED WITH CAUTION, AND USING HAND TOOLS ONLY.
10. THE CONTRACTOR SHALL NOT CUT ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATION OCCURS NEAR EXISTING TREES. ALL ROOTS LARGER THAN ONE INCH IN DIAMETER ARE TO BE CUT CLEANLY. FOR OAKS ONLY, ALL WOUNDS SHALL BE PAINTED WITH WOUND SEALER WITHIN 30 MINUTES
11. REMOVE ALL TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS BY HAND.
12. TREES DAMAGED OR KILLED DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE AND TO THE PROJECT OWNER'S AND LOCAL JURISDICTION'S SATISFACTION.
13. ANY TREE REMOVAL SHALL BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO ITS REMOVAL, AND THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS FOR SUCH ACTIVITIES.
14. COVER EXPOSED ROOTS AT THE END OF EACH DAY WITH SOIL, MULCH OR WET BURLAP.
15. IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DUING CONSTRUCTION AND WHERE HEAVY TRAFFIC IS ANTICIPATED, COVER THE SOIL WITH EIGHT INCHES OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION. THIS EIGHT INCH DEPTH OF MULCH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
16. WATER ALL TREES IMPACTED BY CONSTRUCTION ACTIVITIES, DEEPLY ONCE A WEEK DURING PERIODS OF HOT DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
17. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.
18. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TREE PROTECTION FENCING WHEN ALL THREATS TO THE EXISTING TREES FROM CONSTRUCTION-RELATED ACTIVITIES HAVE BEEN REMOVED.

TREE PROTECTION GENERAL NOTES

(A) PRIOR TO THE LAND CLEARING STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL CLEARLY MARK ALL PROTECTED TREES FOR WHICH A TREE REMOVAL PERMIT HAS NOT BEEN ISSUED AND SHALL ERECT BARRIERS FOR THE PROTECTION OF THE TREES ACCORDING TO THE FOLLOWING:
   (1) AROUND AN AREA AT OR GREATER THAN A SIX-FOOT RADIUS OF ALL SPECIES OF MANGROVES AND PROTECTED CABBAGE PALMS;
   (2) AROUND AN AREA AT OR GREATER THAN THE FULL DRIPLINE OF ALL PROTECTED NATIVE PINES;
   (3) AROUND AN AREA AT OR GREATER THAN TWO-THIRDS OF THE DRIPLINE OF ALL OTHER PROTECTED SPECIES.

(B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.

(C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.

(D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.

(E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.

(F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE COUNTY ADMINISTRATOR, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.

(G) THE COUNTY ADMINISTRATOR MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.

(H) IF, IN THE OPINION OF THE COUNTY ADMINISTRATOR, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

TREE RELOCATION GUIDELINES

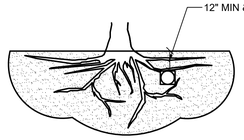
1. TREES SHALL NOT BE UNNECESSARILY DAMAGED DURING REMOVAL, TRANSPORT OR REPLANTING OF THE TREE.
2. IF THE TREE HAS A DORMANT PERIOD, THEY SHOULD BE TRANSPLANTED DURING THAT TIME. TREES SHOULD NOT BE TRANSPLANTED DURING PERIODS OF STRONG WINDS, DRY WINTER WINDS OR DURING DROUGHT.
3. ADEQUATE SPACES FOR ROOT AND CROWN DEVELOPMENT SHALL BE PROVIDED.
4. TREES SHALL BE ROOT AND CANOPY PRUNED IN ACCORDANCE WITH SOUND ARBORICULTURAL STANDARDS PRIOR TO TRANSPLANTING.
5. DURING AND FOLLOWING TRANSPLANTING, THE ROOT BALL AND TRUNK SHALL BE PROTECTED. THE ROOT BALL MUST BE KEPT MOIST AT ALL TIMES.
6. TRANSPLANTED TREES SHALL BE BRACED FOR A MINIMUM OF ONE (1) YEAR.
7. TRANSPLANTED TREES SHALL NOT BE FERTILIZED AT PLANTING TIME, BUT SHALL BE WATERED SUFFICIENTLY UNTIL THE TREE GROWTH IS REESTABLISHED.
8. ALL CROWN PRUNING SHALL BE DONE IN ACCORDANCE WITH "THE AMERICAN NATIONAL STANDARDS INSTITUTE A-300, TREE SHRUB AND OTHER WOODY PLANT MAINTENANCE-STANDARD PRACTICES", AND "Z-133.1 PRUNING, REPAIRING, MAINTAINING AND REMOVING TREES, AND CUTTING BRUSH-SAFETY REQUIREMENTS" OR PALM PRUNING IN ACCORDANCE WITH THE STANDARDS IN, RICHARD HARRIS, "ARBORICULTURE INTEGRATED MANAGEMENT OF LANDSCAPE TREES, SHRUBS AND VINES", AS AMENDED.
9. CONTRACTOR IS RESPONSIBLE FOR REGULAR WATERING AND MAINTENANCE OF TRANSPLANTED TREES DURING STORAGE PERIOD.

TEXAS ONE CALL

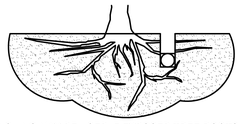
CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS TROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE BASIS BY THE ENGINEER.

TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.



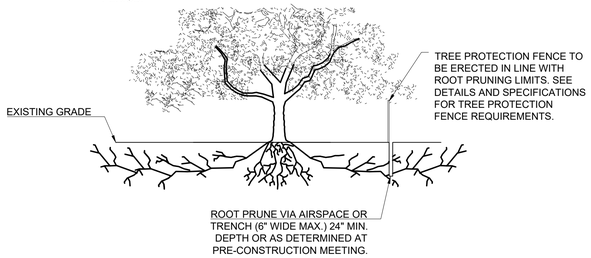
TUNNEL TO MINIMIZE ROOT DAMAGE (TOP) AS OPPOSED TO SURFACE-DUG TRENCHES IN ROOT PROTECTION ZONE WHEN THE 5' MINIMUM DISTANCE FROM TRUNK CAN NOT BE ACHIEVED.



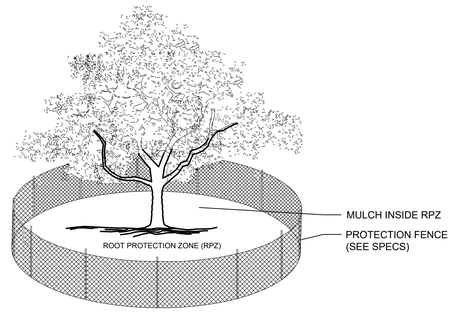
OPEN TRENCHING MAY BE USED IF EXPOSED TREE ROOTS DO NOT EXCEED 3" OR ROOTS CAN BE BENT BACK.

C BORING THROUGH ROOT PROTECTION ZONE
SCALE: NOT TO SCALE

NOTES
1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRE-CONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRE-CONSTRUCTION MEETING AND FLAGGED PRIOR TO ROOT PRUNING.
3. EXACT LOCATION OF ROOT PRUNING SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FORESTRY INSPECTOR .
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FORESTRY INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT. ROT PRUNING METHODS AND MEANS MUST BE IN ACCORDANCE WITH ANSI STANDARD A3000.
6. ALL PRUNING MUST BE EXECUTED AT LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FORESTRY INSPECTOR.
7. SUPPLEMENTAL WATERING MAY BE REQUIRED FOR ROOT PRUNED TREES THROUGHOUT THE GROWING SEASON DURING CONSTRUCTION AND SUBSEQUENT WARRANTY AND MAINTENANCE PERIOD.

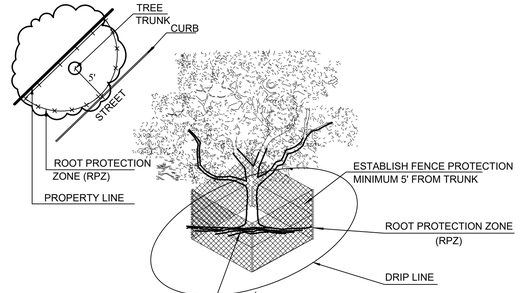


D ROOT PRUNING DETAIL
SCALE: NOT TO SCALE



NOTES:
1. THE FENCING LOCATION SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND BE LIMITED TO PROJECT BOUNDARY. WHERE MULTIPLE ADJACENT TREES WILL BE ENCLOSED BY FENCING, THE FENCING SHALL BE CONTINUOUS AROUND ALL TREES.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

A TREE PROTECTION FENCE
SCALE: NOT TO SCALE



NOTES:
1. OPTION USED FOR TIGHT CONSTRUCTION AREAS OR WHEN CONSTRUCTION OCCURS IN ROOT PROTECTION ZONE.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

B TREE PROTECTION FENCE - TIGHT CONSTRUCTION
SCALE: NOT TO SCALE

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.9610
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING · IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

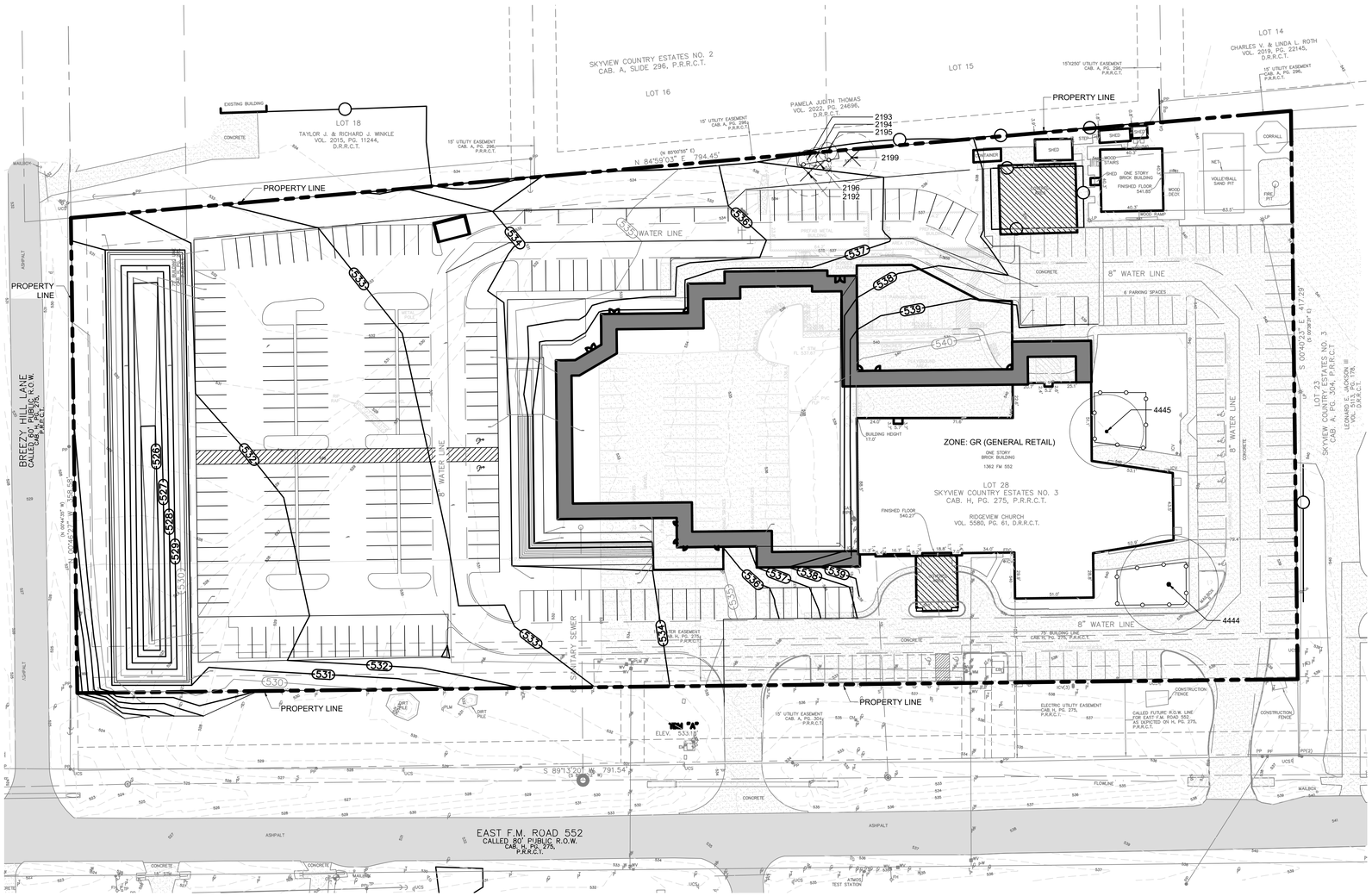
06/12/2025

TREE PROTECTION SPECIFICATIONS & DETAILS

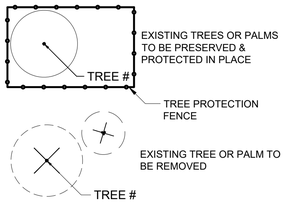
RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

PROJECT NUMBER
2024.011
DRAWING DATE
2025.06.12
SCALE
AS NOTED
DESIGNED BY

SHEET NUMBER
TD-2



LEGEND



THE DEVELOPER SHALL ERECT AN ORANGE PLASTIC MESH FENCE, OR OTHER APPROVED FENCING MATERIAL, A MINIMUM OF FOUR FEET IN HEIGHT AROUND EACH TREE OR GROUP OF TREES TO PREVENT THE PLACEMENT OF DEBRIS, EQUIPMENT, OR FILL WITHIN THE DRIPLINE OR CRITICAL ROOT ZONE. THE FENCE SHALL BE INSTALLED PRIOR TO THE RELEASE OF ANY PERMIT. IF THE PROTECTION FENCE IS FOUND REMOVED, DAMAGED, OR ALTERED AT ANY TIME DURING CONSTRUCTION PRIOR TO FINAL INSPECTION OR LANDSCAPE INSTALLATION, A STOP WORK ORDER MAY BE ISSUED BY THE BUILDING OFFICIAL.

TREE INVENTORY

RIDGEVIEW CHURCH, ROCKWALL TX						
LAST UPDATED:	25-06-12					
TREE ID	**SPECIES**	**DBH (INCHES)**	**STATUS**	**MITIGATION (INCHES)**	**PRESERVATION CREDIT**	**NOTES**
2192	WILLOW	15	TO REMOVE			NOT PROTECTED/ FEATURE TREE
2193	CEDAR	6	REMAIN			NOT PROTECTED (<11")
2194	OAK	6	REMAIN			
2195	OAK	6	REMAIN			
2196	HACKBERRY	7	TO REMOVE			NOT PROTECTED (<11")
2199	WILLOW	16	TO REMOVE			NOT PROTECTED/ FEATURE TREE
4444	AMERICAN	32	REMAIN			
4445	OAK	24	REMAIN			
TOTAL DBH		112				
TOTAL DBH REMOVED		**38**				ALL REMOVED TREES ARE NOT PROTECTED
MITIGATION				**0**	**0**	MAX PRESERVATION IS 20% OF TOTAL REPLACEMENT INCHES
TOTAL MITIGATION REQUIRED				**0**		

SITE VICINITY MAP, NTS



TREE PROTECTION GENERAL NOTES

(A) REMOVED
(B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.
(C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.
(D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.
(E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.
(F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE CITY STAFF, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.
(G) THE CITY STAFF MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.
(H) IF, IN THE OPINION OF THE CITY STAFF, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

NOTE: TREE PROTECTION FOR ANY PRESERVED OR RELOCATED TREES MUST BE PROVIDED PER DETAILS AND SPECIFICATIONS ON SHEET TD-2. THESE MUST BE UP PRIOR TO THE COMMENCEMENT OF ANY WORK AND MAINTAINED THROUGHOUT CONSTRUCTION.

NOTE: ALL TREE TRIMMING MUST BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO COMMENCEMENT OF WORK. ALL TREE TRIMMING MUST BE DONE BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH LOCAL TREE PRESERVATION ORDINANCE.

0 40' 80'
1" = 40'-0"

NORTH

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.8638
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING · IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

06/12/2025

TREE DISPOSITION PLAN

RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

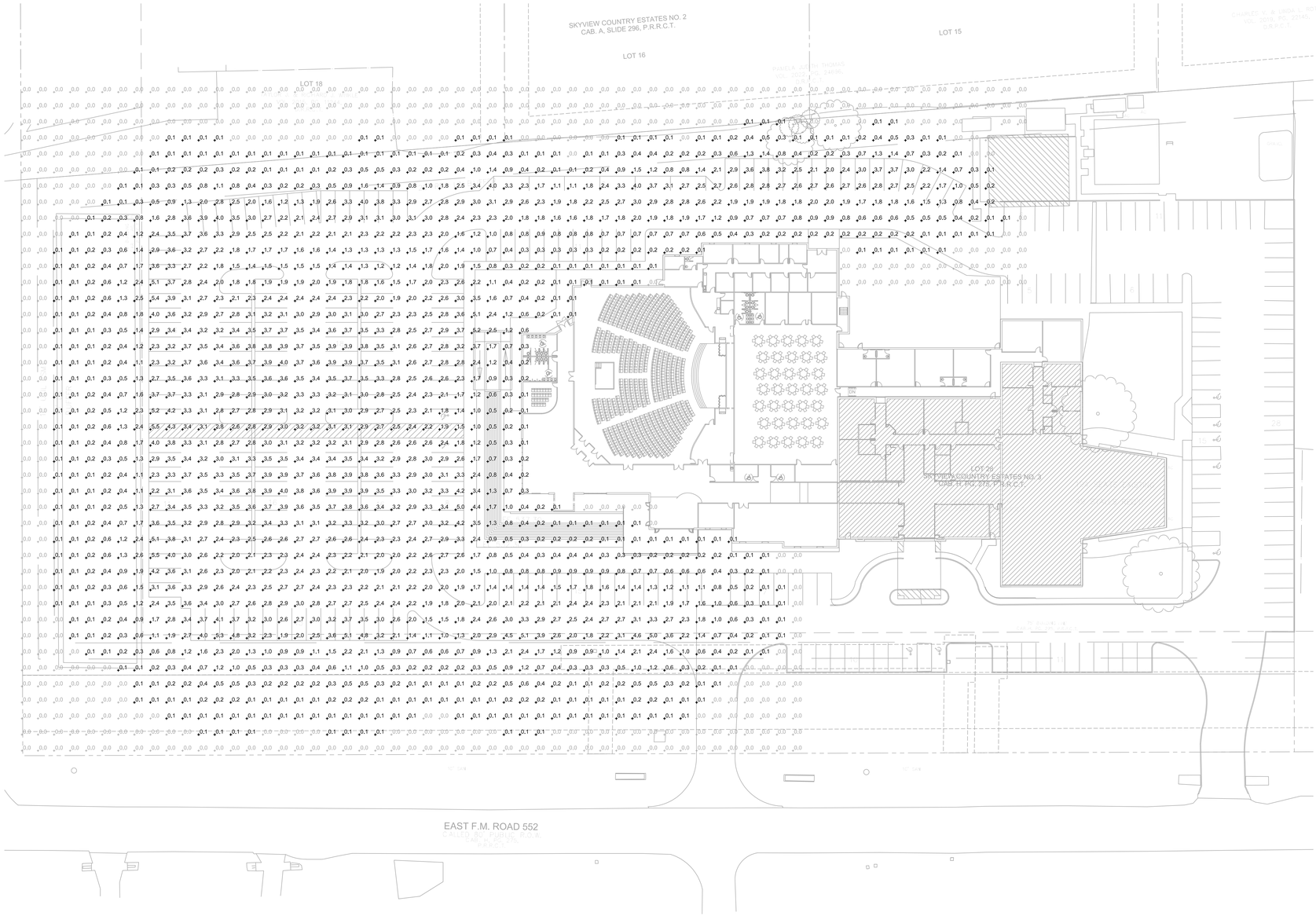
PROJECT NUMBER
2024.011

DRAWING DATE
2025.06.12

SCALE
AS NOTED

DESIGNED BY

SHEET NUMBER
TD-1



1 SITE PLAN - PHOTOMETRIC
SCALE: 1" = 30'-0"

ISSUE/ REVISION
DESIGN DEVELOPMENT

NO.	DATE
	05/23/2025

OLER SENTZ
TEXAS FIRM NO: F-24123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

STATE OF TEXAS
STRIDER E. STEELE
106903
LICENSED
PROFESSIONAL ENGINEER
06/13/2025

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
SITE PLAN - PHOTOMETRIC

E102

SCALE: AS NOTED

V3 CONSULTING ENGINEERS
VIGILANT - VIABLE - VIRTUOUS
TEXAS REGISTRATION # F-20374
V3 PROJECT #: 24080



RSX2 LED
Area Luminaire

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

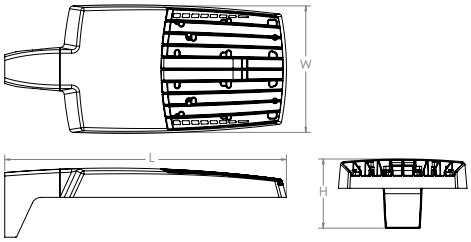
EPA (ft²@0°): 0.69 ft² (0.06 m²)

Length: 29.3" (74.4 cm) (SPA mount)

Width: 13.4" (34.0 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm

Weight: (SPA mount) 30.0 lbs (13.6 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) [2]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) [3]	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) [4]	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) [6]
	P5		R4S Type 4 Short	120 [3] 277 [5]	WBA Wall bracket [1]
	P6		R5 Type 5 Wide [1]	208 [3] 347 [5]	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short [1]	240 [3] 480 [5]	AASP Adjustable tilt arm square pole mounting [6]
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting [6]
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket [6]
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box [6]

Options

Shipped Installed

HS	House-side shield [7]
PE	Photocontrol, button style [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [9, 10, 11]
SF	Single fuse (120, 277, 347) [5]
DF	Double fuse (208, 240, 480) [5]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [9]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [9]
DS	Dual switching [9,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2 PIRHN	nLight AIR generation 2 ,with Networked, Bi-Level motion/ambient sensor [9, 13, 14, 15]
BAA	Buy America(n) Act and/or Build America Buy America Qualified
CCE	Coastal Construction [16]

*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.

Shipped Separately (requires some field assembly)

EGS	External glare shield [7]
EGFV	External glare full visor (360° around light aperture) [7]
BS	Bird spikes [17]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

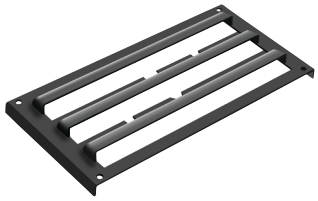
Ordering Information

Accessories
Ordered and shipped separately.

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSAFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U DLL127F 1.5 JU	RSX Surface conduit box (specify finish, for use with WBA, WBA not included) Photocell -SSL twist-lock (120-277V) [18]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [18]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [18]
DSHORT SBK U	Shorting cap [18]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
6 Maximum tilt is 90° above horizontal.
7 It may be ordered as an accessory.
8 Requires MVOLT or 347V.
9 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
10 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P5 and P6.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
17 Must be ordered with fixture for factory pre-drilling.
18 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

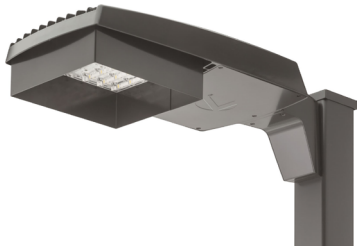
External Shields



House Side Shield



External Glare Shield

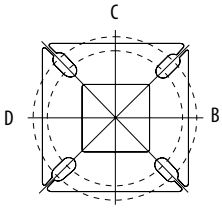


External 360 Full Visor

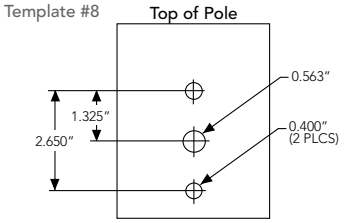
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

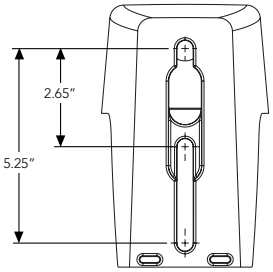
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX2 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

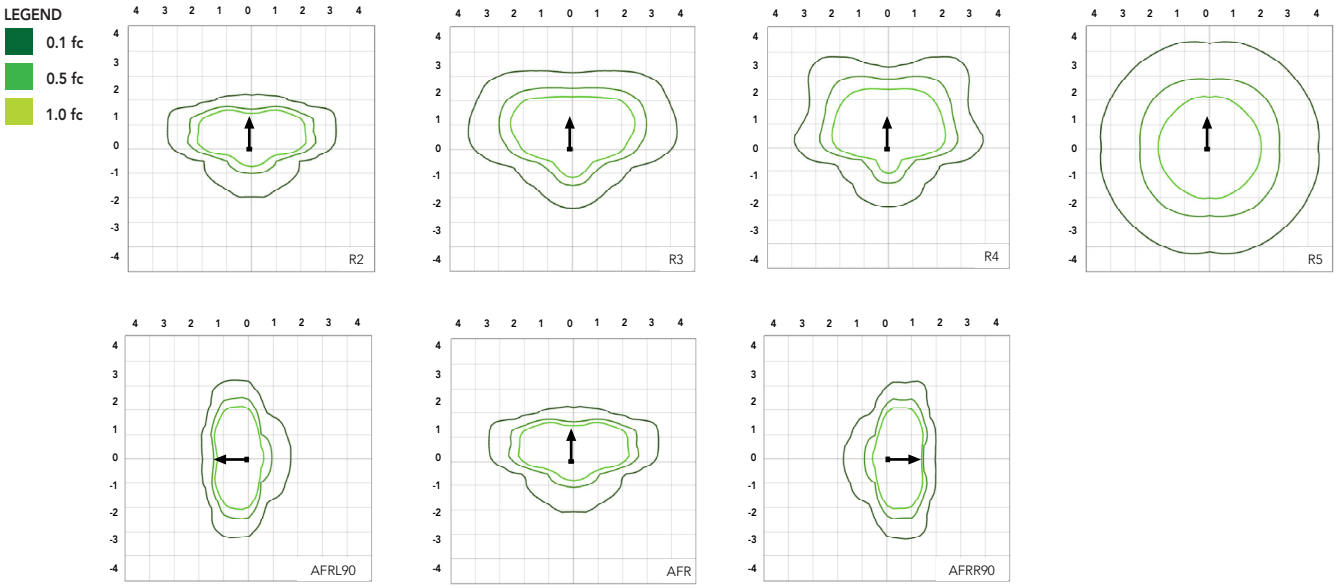
Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
RPA - Round Pole Adaptor		0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84
MA - Mast Arm Adaptor		0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
	90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

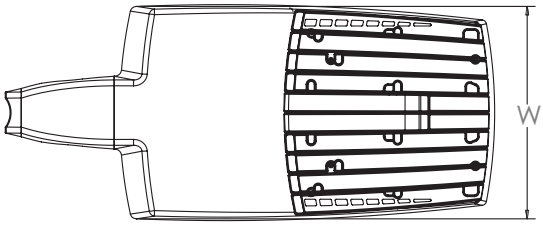
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

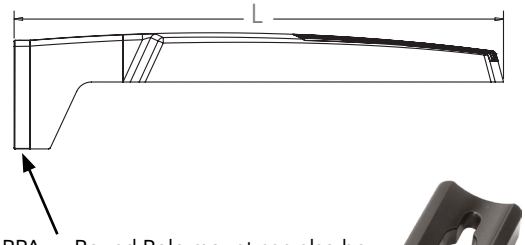
Dimensions & Weights

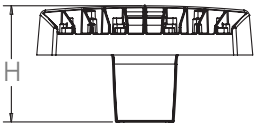
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)





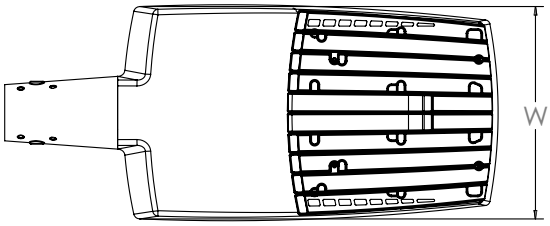


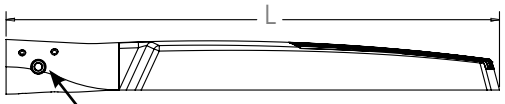
Length: 30.3" (77.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

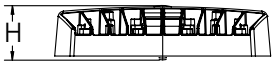
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX2 with Mast Arm Adapter (MA)



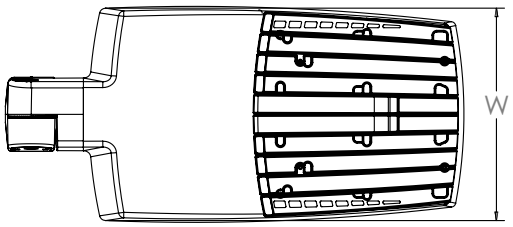


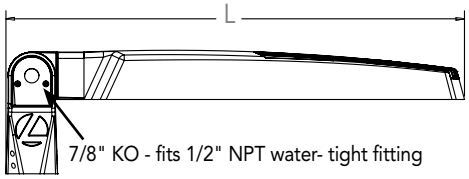


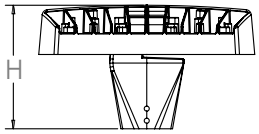
7/16" locking thru bolt/nut provided

Length: 30.6" (77.7 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX2 with Adjustable Slipfitter (IS)







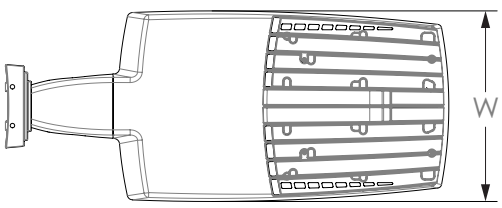
7/8" KO - fits 1/2" NPT water- tight fitting

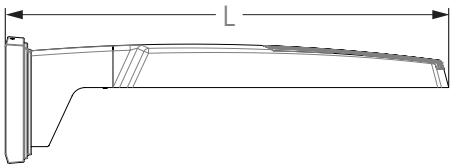
Length: 28.3" (71.9 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

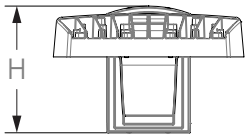
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Dimensions

RSX2 with Wall Bracket (WBA)

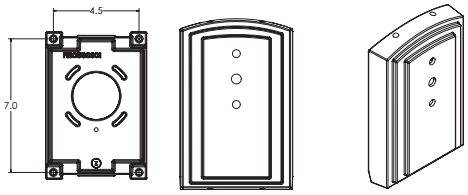




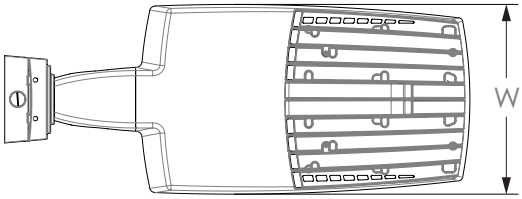


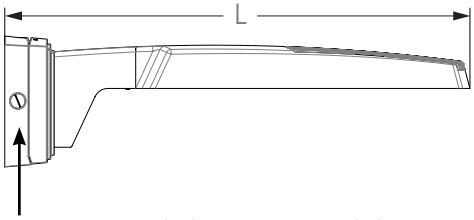
Length: 31.2" (79.2 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

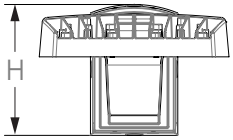
Wall Bracket (WBA) Mounting Detail



RSX2 with Wall Bracket with Surface Conduit Box (WBASC)

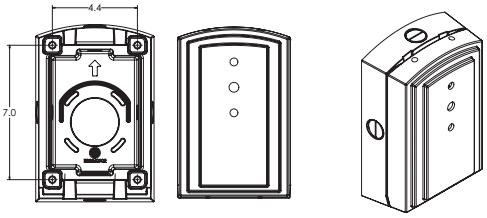






3/4" NPT taps with plugs - Qty (4) provided

Surface Conduit Box (SCB) Mounting Detail

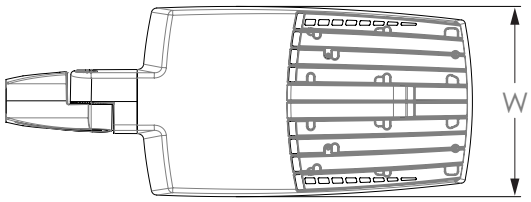


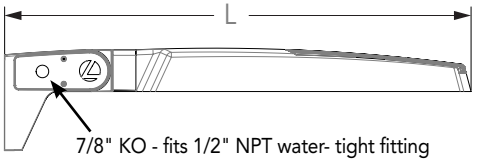
Length: 32.8" (83.3 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

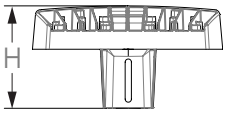
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

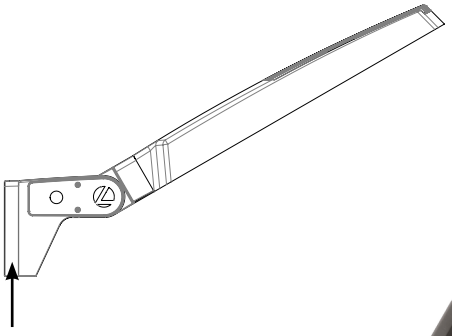
Dimensions

RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 32.8" (83.3 cm) **AASP**
33.8" (85.9 cm) **AARP**
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

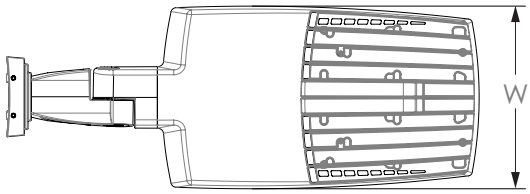


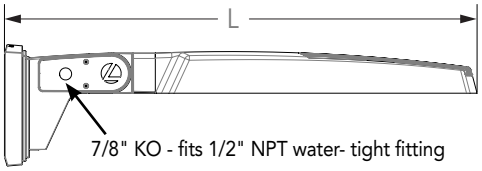
Notes

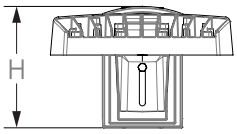
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

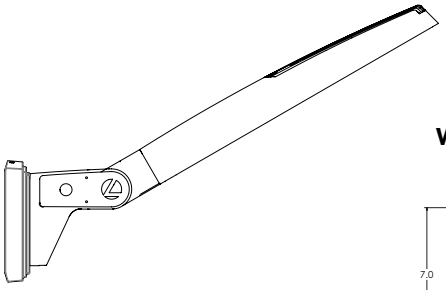
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



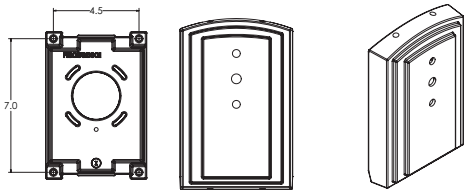






Length: 34.7" (88.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

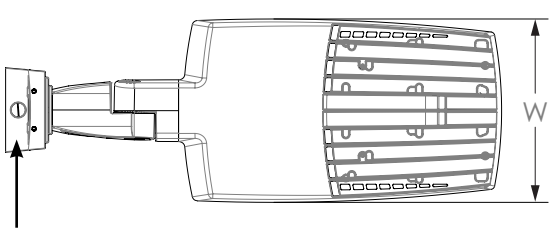
Wall Bracket (WBA) Mounting Detail



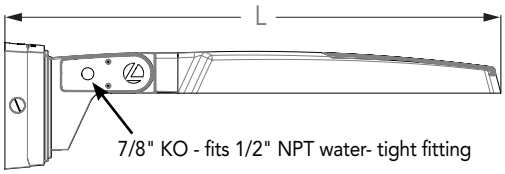
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

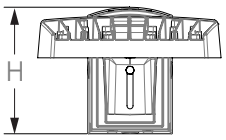
Dimensions

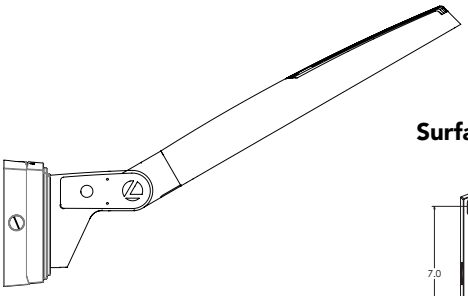
RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps
with plugs - Qty (4)
provided

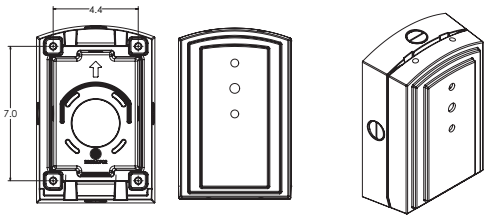




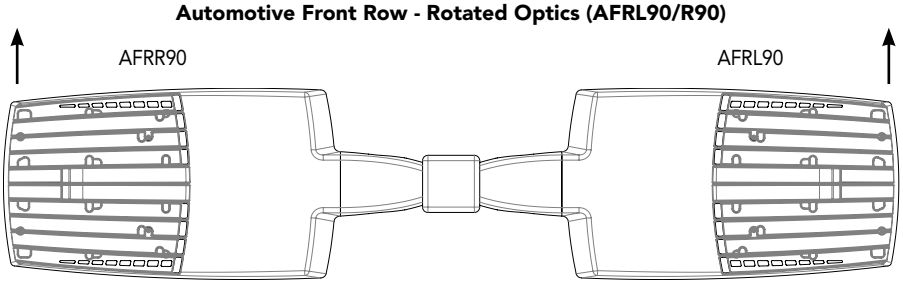


Length: 36.2" (91.9 cm)
Width: 13.4" (40.0 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Automotive Front Row - Rotated Optics (AFRL90/R90)



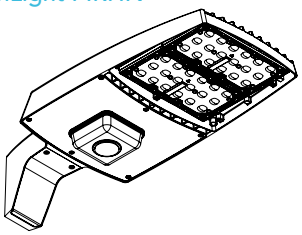
(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

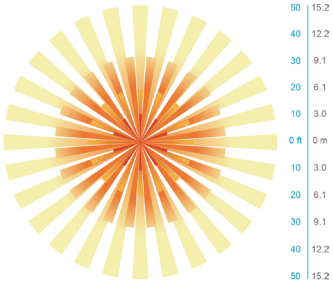
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

nLight Control - Sensor Coverage and Settings

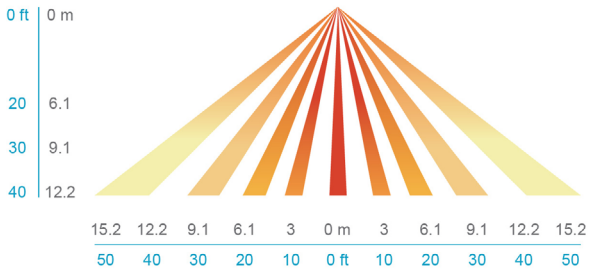
NLTAIR2 PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

COASTAL CONSTRUCTION (CCE)
Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. US Patent No. D882, 146S

GOVERNMENT PROCUREMENT
BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY
PLANNING & ZONING CASE NO.

NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($100.00 + $15.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($200.00 + $15.00 ACRE) [1]
- ☐ FINAL PLAT ($300.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($300.00 + $20.00 ACRE) [1]
- ☐ AMENDING OR MINOR PLAT ($150.00)
- ☐ PLAT REINSTATEMENT REQUEST ($100.00)

SITE PLAN APPLICATION FEES:
- ☒ SITE PLAN ($250.00 + $20.00 ACRE) [1]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($100.00)

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($200.00 + $15.00 ACRE) [1]
- ☐ SPECIFIC USE PERMIT ($200.00 + $15.00 ACRE) [1 & 2]
- ☐ PD DEVELOPMENT PLANS ($200.00 + $15.00 ACRE) [1]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($75.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS ($100.00) [2]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A $1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	1362 FM Road 552				
SUBDIVISION	Skyview Country Estates No. 3	LOT	28	BLOCK	
GENERAL LOCATION	Northeast corner of FM Road 552 and Breezy Hill Lane				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	General Retail	CURRENT USE	Worship Center		
PROPOSED ZONING	General Retail	PROPOSED USE	Worship Center		
ACREAGE	7.05	LOTS [CURRENT]	1	LOTS [PROPOSED]	1

☒ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Ridgeview Church	☒ APPLICANT	Sutherland King Consulting, LLC
CONTACT PERSON	Felix Tan	CONTACT PERSON	Grayson Hughes
ADDRESS	1362 FM Road 552	ADDRESS	6430 Meadowcreek Drive
CITY, STATE & ZIP	Rockwall, TX 75087	CITY, STATE & ZIP	Dallas, TX 75254
PHONE	[redacted]	PHONE	[redacted]
E-MAIL	[redacted]	E-MAIL	[redacted]

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Felix Tan [OWNER] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ 410.00, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE 13th DAY OF June, 2025. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."

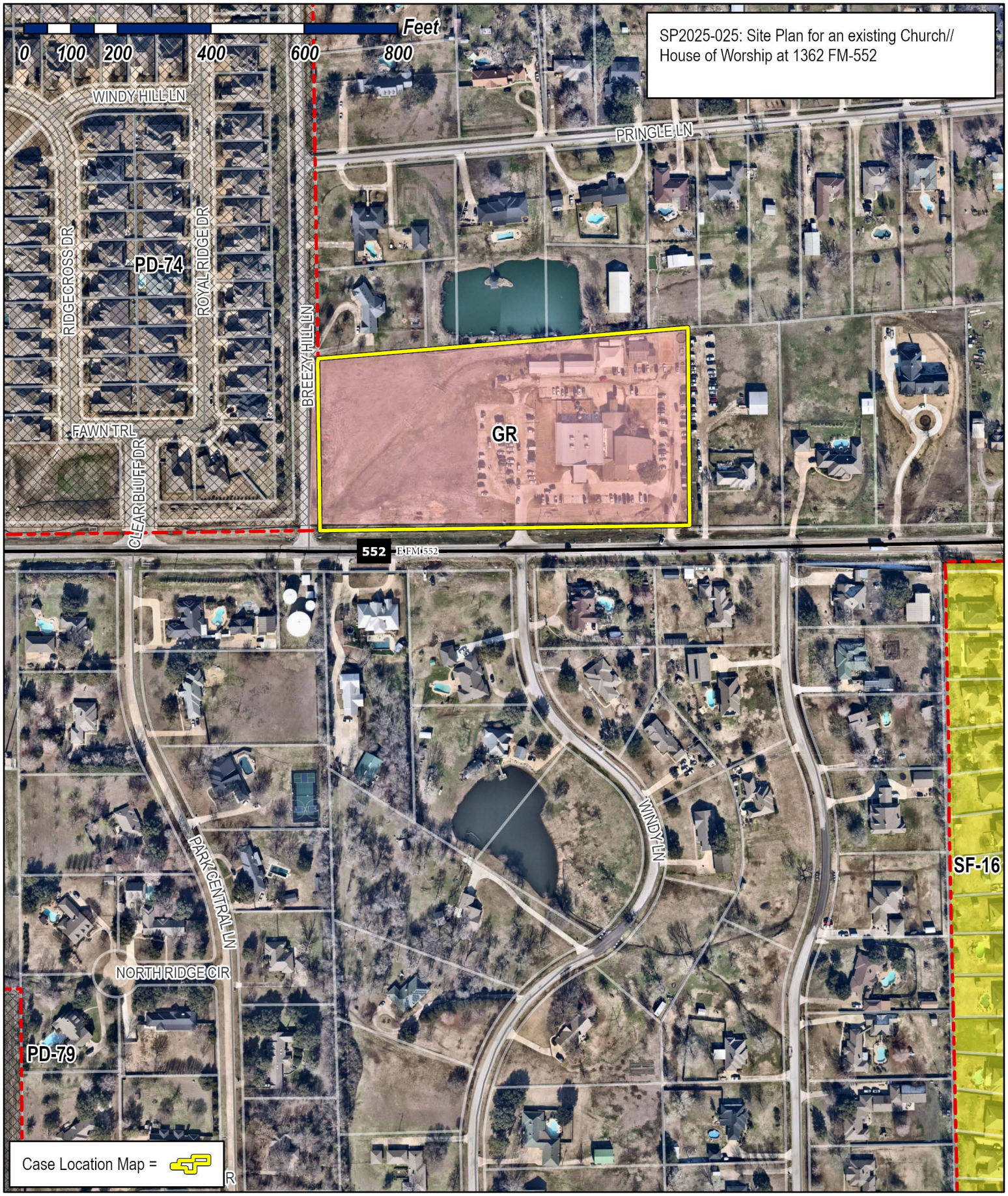
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 12th DAY OF June, 2025.

OWNER'S SIGNATURE I am

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

NATASHA C CHANG YEN
Notary Public
State of Texas
ID # 135502636
My Comm. Expires 04-21-2029

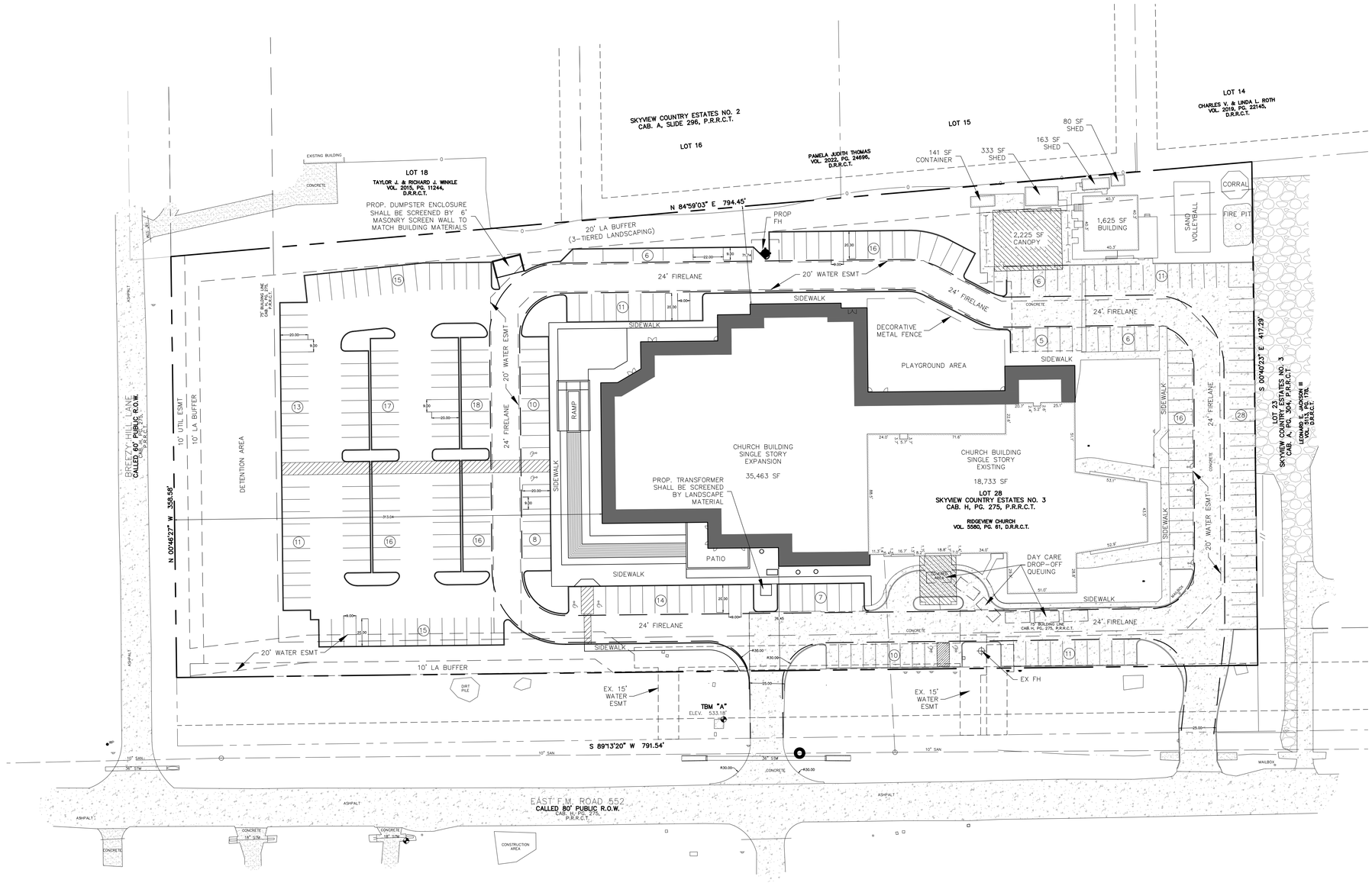
MY COMMISSION EXPIRES



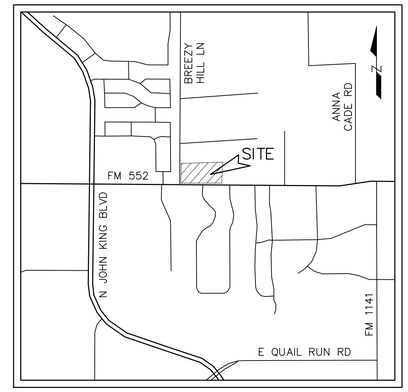
City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.







VICINITY MAP
N.T.S.

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

NOTE:
1. THE PROPOSED BUILDING EXPANSION SHALL BE ARCHITECTURALLY COMPATIBLE IN MATERIALS AND ARCHITECTURAL ELEMENTS TO THE EXISTING CHURCH FACILITY.
2. PROPOSED PARKING STALLS ARE MEASURED TO 9 FOOT WIDTH BY 20 FOOT LENGTH.
3. FIRELANE SHALL BE 6" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. PARKING AREAS SHALL BE 5" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. DUMPSTER PAD SHALL BE 7" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
4. ANY ROOF MOUNTED EQUIPMENT SHALL BE SCREENED EITHER BY MOUNTED SCREENS OR BY ROOF PARAPET.

NOTE:

LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:

RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:

SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:

WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

ROCKWALL SITE PLAN CASE No. _____

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS _____ DAY OF _____, 2025

_____ PLANNING & ZONING COMMISSION, CHAIR

_____ PLANNING DIRECTOR

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

PRELIMINARY
FOR PRELIMINARY REVIEW, PERMIT, OR PRICING PURPOSES ONLY.

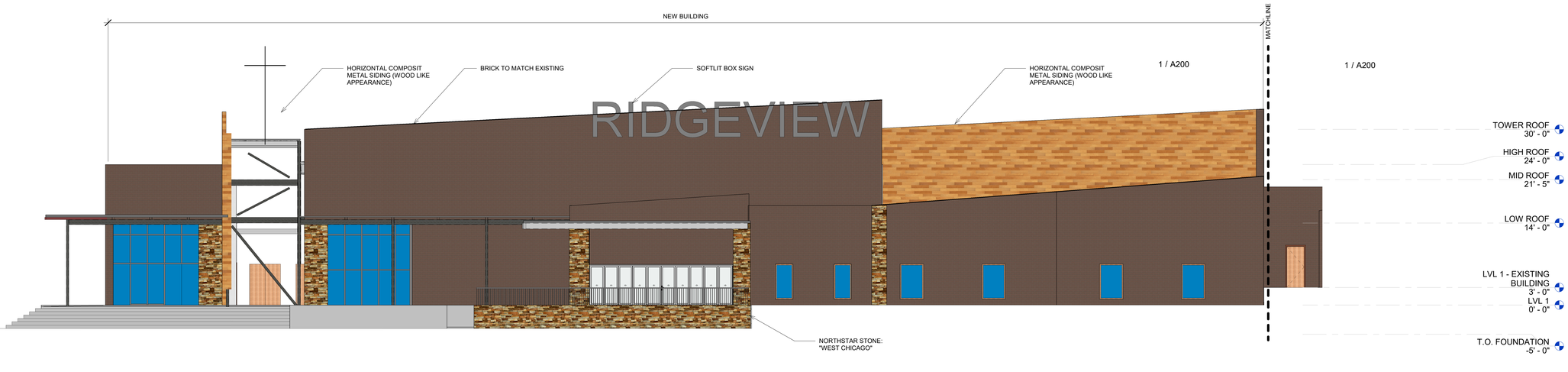
PREPARED BY:
GRAYSON K. HUGHES, PE

SITE PLAN

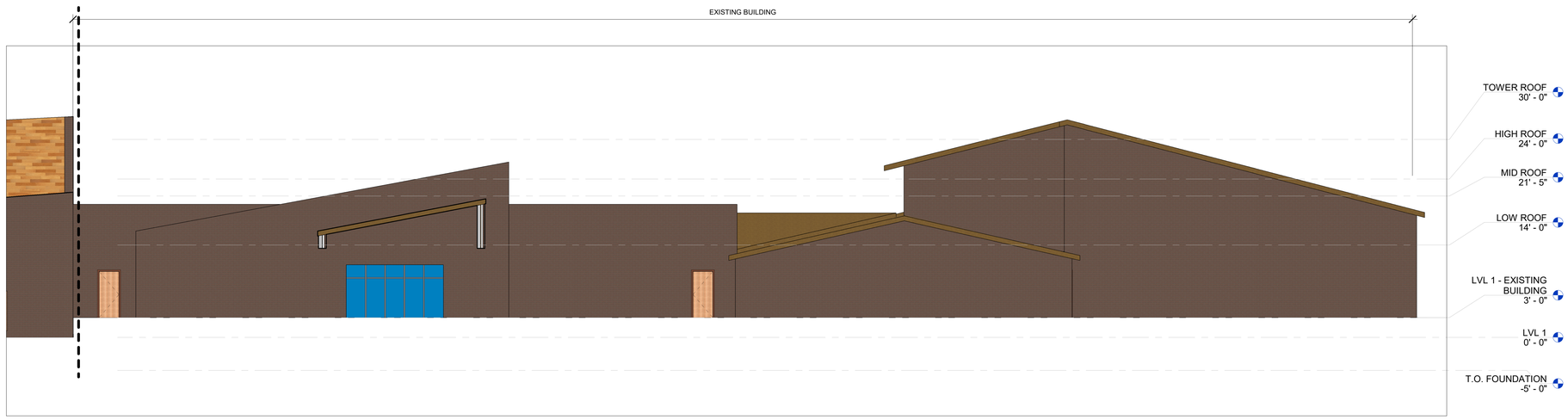
RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER
2024.011
DRAWING DATE
2025.06.13
SCALE
1"=40'
DESIGNED BY
GKH

SHEET NUMBER
C1.0



2 South - NEW BUILDING
1/8" = 1'-0"



1 South - EXISTING BUILDING
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

OLER SENTZ
TEXAS FIRM NO: F-2612 | 2715 E. STONE ROAD, WYLIE, TEXAS 75098

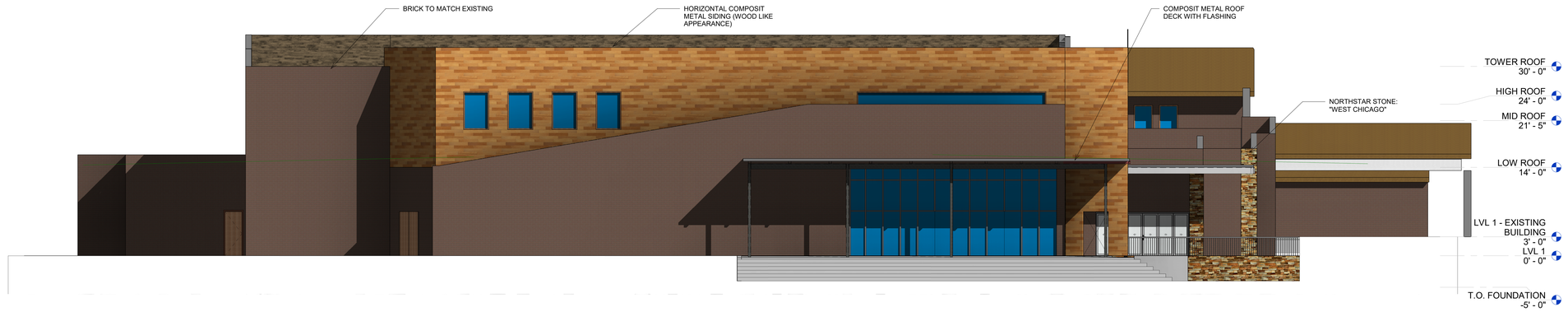
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

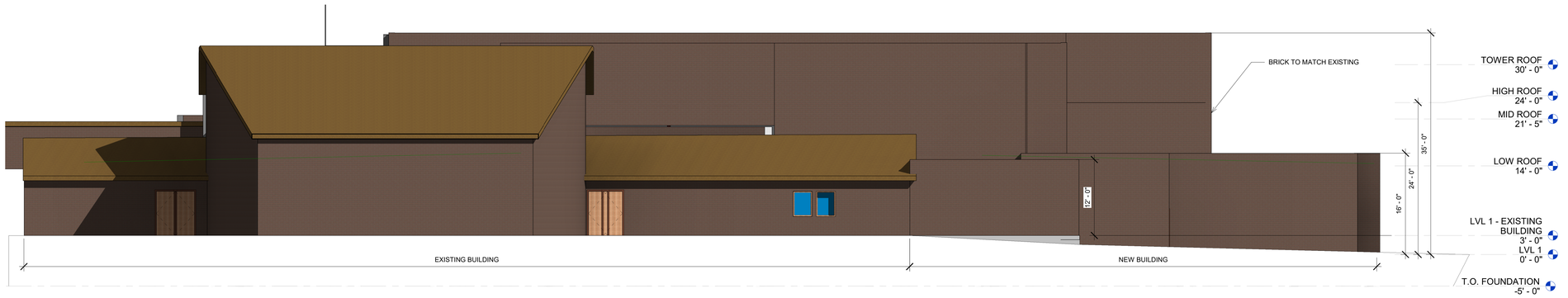
SHEET TITLE:
ELEVATIONS SOUTH FACE

A200

SCALE: 1/8" = 1'-0"



4 West
1/8" = 1'-0"



3 East
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

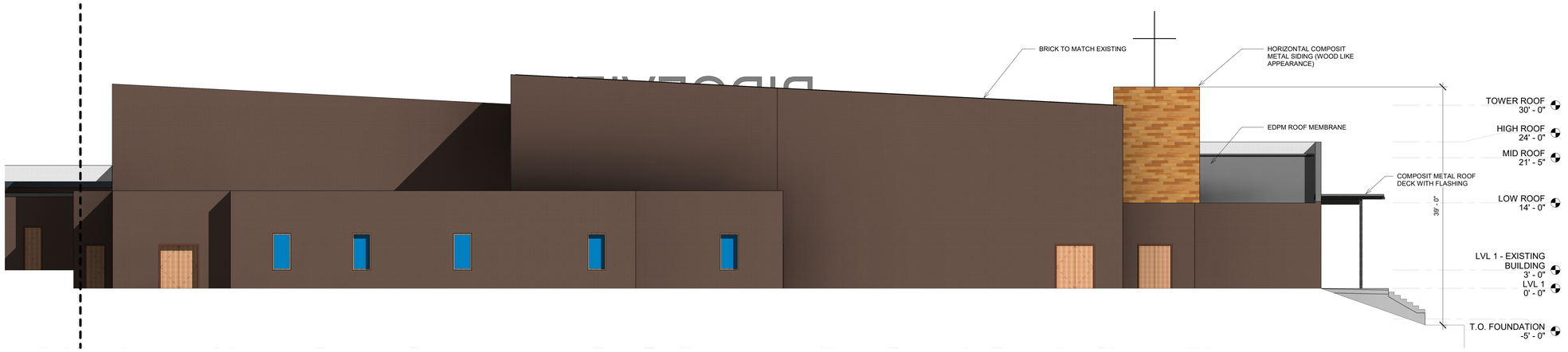
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

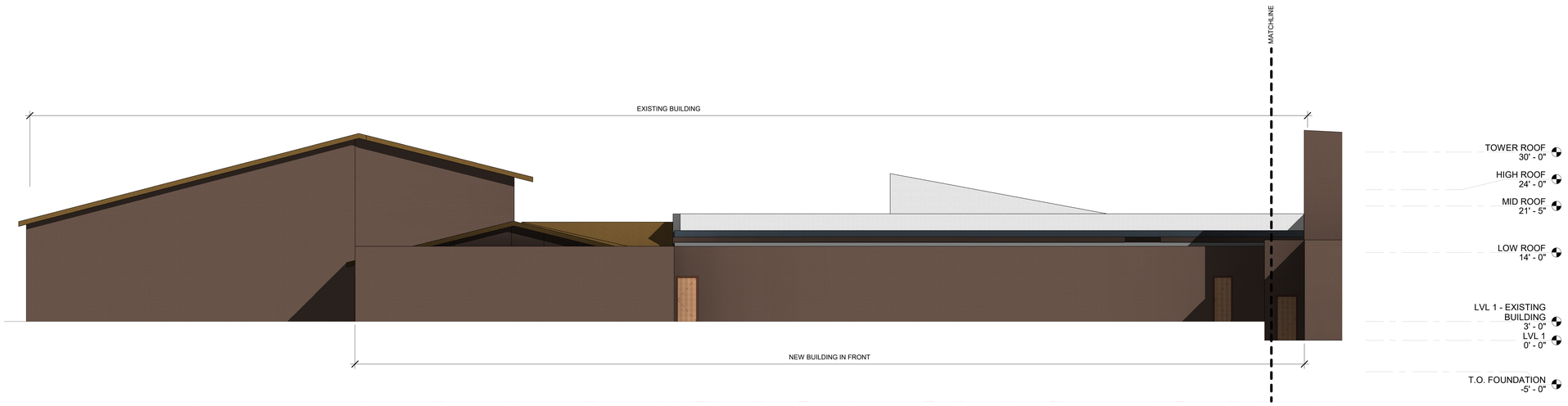
SHEET TITLE:
ELEVATIONS (EAST AND WEST)

A201

SCALE: 1/8" = 1'-0"



2 North - NEW BUILDING
1/8" = 1'-0"



1 North - EXISITNG BUILDING
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

TEXAS FIRM NO: F-2612
OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098

REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

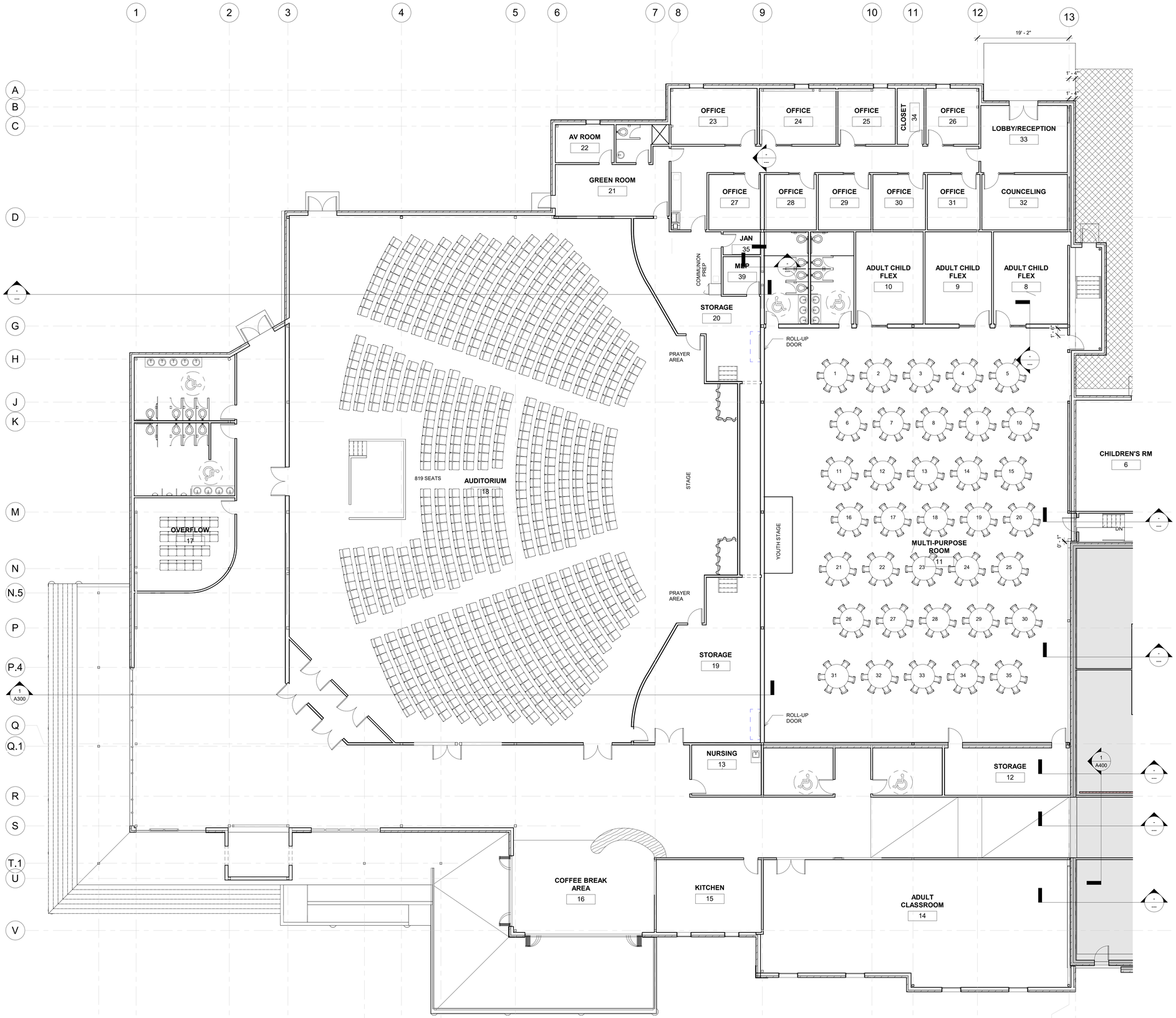
SHEET TITLE:
ELEVATIONS NORTH FACE

A202

SCALE: 1/8" = 1'-0"

CHILDREN'S INDOOR SPACE NOTES:
1) 30 SF/CHILD OF INDOOR ACTIVITY SPACE
2) 18-MO OLD CHILDREN MUST HAVE SEPERATE SPACES
3) 1-SINK / 17 CHILDREN OVER 18-MO OLD
4) 1-SINK IN EACH DIAPER CHANGING LOCATION

CHILDREN'S OUTDOOR SPACE NOTES:
3) 80 SF/CHILD OF OUTDOOR SPACE USING OUTDOOR SPACE AT A GIVEN TIME (MIN 25% OF CHILD CAPACITY)
4) 4' FENCE AROUND OUTDOOR PLAY SPACE
5) 2 EXITS REQ'D (ONE TO THE INSIDE AND ONE OUT TO THE OPEN)



ISSUE/ REVISION | DATE | NO.

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
LEVEL 1 EXPANSION PLAN

A100

SCALE: 1/8" = 1'-0"



1 LVL 1 CONT
1/8" = 1'-0"

ISSUE/ REVISION

NO. | DATE

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

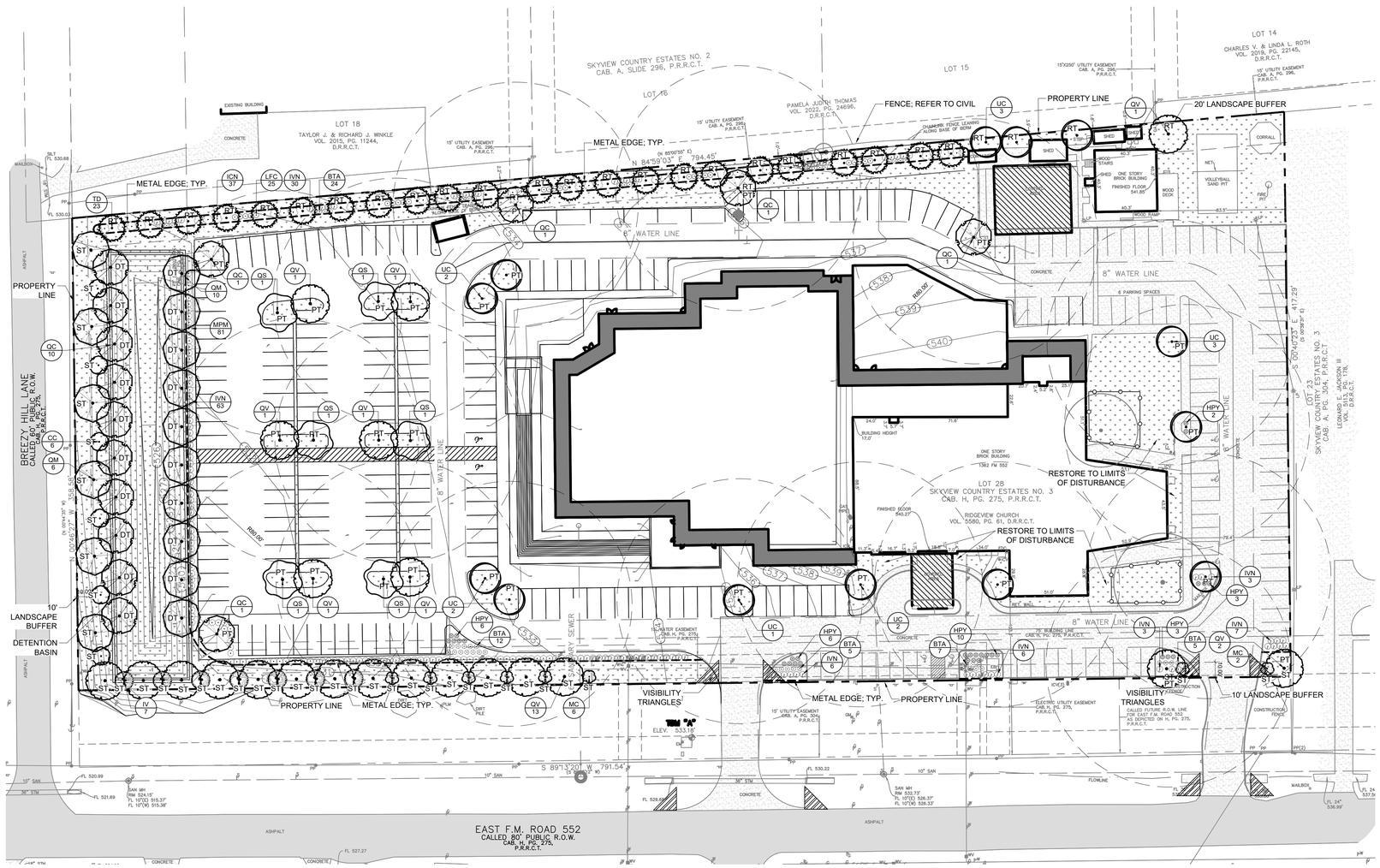
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
LEVEL 1 EXPANSION PLAN CONT.

A100-B

SCALE: 1/8" = 1'-0"



LEGEND

EXISTING TREES OR PALMS TO BE PRESERVED & PROTECTED IN PLACE

TREE PROTECTION FENCE

ST - STREET FRONTAGE BUFFER TREE
PT - PARKING LOT TREE
RT - RESIDENTIAL LANDSCAPE BUFFER TREE

LANDSCAPE CALCULATIONS / STANDARDS

ARTICLE 08: LANDSCAPE STANDARDS
05.01 LANDSCAPE BUFFERS - NON-RESIDENTIAL

REQ. ABUTTING A PUBLIC RIGHT-OF-WAY:	*10' WIDE LANDSCAPE BUFFER W/ GROUND COVER, BERM, AND SHRUBBERY 30" HIGH, 1 CANOPY TREE & 1 ACCENT TREE PER 50 LF OF FRONTAGE.*
E FM RD 552:	725' LF
CANOPY TREES REQUIRED:	15 CANOPY TREES
CANOPY TREES PROVIDED:	**15 CANOPY TREES**
ACCENT TREES PROVIDED:	15 ACCENT TREES
ACCENT TREES PROVIDED:	**15 ACCENT TREES**
ENHANCED LANDSCAPING:	***EXTRA SHRUBS PROVIDED***
BREEZY HILL LN:	308' LF
CANOPY TREES REQUIRED:	6 CANOPY TREES
CANOPY TREES PROVIDED:	**6 CANOPY TREES**
ACCENT TREES REQUIRED:	6 ACCENT TREES
ACCENT TREES PROVIDED:	**6 ACCENT TREES**

05.02, 05.06 LANDSCAPE SCREENING

STREET FRONTAGE SCREENING:	
REQ. HEADLIGHT SCREENING:	*HEAD-IN PARKING ADJ. TO STREETS & RESIDENTIAL DISTRICTS SHALL INCORP. MIN. 36" EVERGREEN SHRUBS ALONG ENTIRE PARKING AREAS.*
PROVIDED SCREENING (STREET):	**36" HT. EVERGREEN PLANTING**
RESIDENTIAL SCREENING:	*3-TIER LANDSCAPING: MIN 15'+ LANDSCAPE BUFFER, MIN. 6' FENCE, 1 TREE PER 40 LF, 1 LARGE SHRUB PER 10 LF, & TURF GROUNDCOVER*
PROVIDED SCREENING (RESIDENTIAL):	**20' LANDSCAPE BUFFER**
	795' LF (NORTH), 369' LF (EAST) = 1,164' LF
FENCE OR BERM PROVIDED:	**FENCE; REFER TO CIVIL**
CANOPY TREES REQUIRED:	29 CANOPY TREES
CANOPY TREES PROVIDED:	**29 CANOPY TREES**
LARGE SHRUBS REQUIRED:	116 LARGE SHRUBS
LARGE SHRUBS PROVIDED:	**116 LARGE SHRUBS**

05.03, 05.09, 5.12 LANDSCAPE REQUIREMENTS - GENERAL RETAIL

TOTAL SITE AREA:	**307,196 SF** (7.03 AC)
LANDSCAPE AREA REQUIRED, TOTAL SITE:	46,079 SF (15%)
LANDSCAPE PROVIDED, TOTAL SITE:	**67,761 SF (22%)**
LOCATION OF LANDSCAPING:	*MIN. 50% OF REQ. LANDSCAPING SHALL BE LOCATED IN THE FRONT OF & ALONG THE SIDE OF BUILDINGS W/ STREET FRONTAGE.*
MIN. SIZE OF AREAS:	*ALL REQ. LANDSCAPING SHALL BE NO LESS THAN 5' WIDE AND A MIN. OF 25 SF IN AREA.*
PARKING LOT LANDSCAPING:	*MIN. 5% OR 200 SF OF LANDSCAPING, WHICHEVER IS GREATER, IN THE INTERIOR OF THE PARKING LOT. IF OVER 20,000 SF: 1 TREE PER 10 SPACES REQ. 1 TREE WITHIN 80' OF EACH PARKING SPACE REQ.*
PROPOSED PARKING AREA:	**±107,486 SF**
REQ. PARKING LOT LANDSCAPING:	5,374 SF (5%)
PROPOSED PARKING LOT LANDSCAPING;	**8,251 SF (8%)**
PARKING LOT SPACES PROPOSED:	286 SPACES
CANOPY TREES REQUIRED:	29 CANOPY TREES
CANOPY TREES PROVIDED:	**29 CANOPY TREES**
1 TREE WITHIN 80' OF EACH SPACE:	**PROVIDED**
DETENTION BASIN SITE AREA:	**14,608 SF**
CANOPY TREES REQUIRED:	20 CANOPY TREES *(1 PER 750 SF)*
CANOPY TREES PROVIDED:	**20 CANOPY TREES**
NATIVE GRASSES:	**PROVIDED**

ARTICLE 09: TREE PRESERVATION
06. TREE REPLACEMENT AND PLANTING REQUIREMENTS

MITIGATION REQUIRED:	0"
MITIGATION PROVIDED:	0"

07: TREE REPLACEMENT CREDITS
ALL REPLACEMENT TREES SHALL BE A MIN. 4" CALIPER.

NOTE: REFER TO TD PLANS FOR MORE INFORMATION.

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED), IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

PLANTING & IRRIGATION GUARANTEE

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE THAT ALL NEWLY INSTALLED AND EXISTING PLANTS SHALL SURVIVE FOR ONE YEAR AFTER FINAL OWNER ACCEPTANCE OF THE INSTALLATION WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR APPROPRIATE WATERING OF THE LANDSCAPE THROUGH INSTALLATION OF A PROPERLY DESIGNED IRRIGATION SYSTEM. THE OWNER SHALL APPROVE THE SYSTEM DESIGN BEFORE INSTALLATION OF PLANTS OR IRRIGATION.

IRRIGATION CONCEPT

1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR.
2. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE.
3. ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED. SODDED AND SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD COVERAGE.
4. ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.
6. ALL IRRIGATION SHALL MEET THE REQUIREMENTS OF THE CITY OF ROCKWALL'S UDC (SUBSECTION 05.04, OF ARTICLE 08)

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

PLANT SCHEDULE

ACCENT TREE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	CC	Cercis canadensis texensis	Texas Redbud	6` Ht.	6	Deciduous | Preferred
	IV	Ilex vomitoria	Yaupon Holly	6` Ht.	7	Evergreen | Preferred
	MC	Myrica cerifera	Wax Myrtle	6` Ht.	8	Evergreen | Preferred

CANOPY TREES

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	QM	Quercus macrocarpa	Burr Oak	3` Cal.	16	6 MIN. HT. Deciduous | Preferred
	QC	Quercus muehlenbergii	Chinkapin Oak	3` Cal.	15	6 MIN. HT. Deciduous | Preferred
	QS	Quercus shumardii	Shumard Oak	3` Cal.	6	6 MIN. HT. Deciduous | Preferred
	QV	Quercus virginiana	Southern Live Oak	3` Cal.	22	6 MIN. HT. Deciduous | Preferred
	TD	Taxodium distichum	Bald Cypress	3` Cal.	23	6 MIN. HT. Deciduous | Preferred
	UC	Ulmus crassifolia	Cedar Elm	3` Cal.	13	6 MIN. HT. Deciduous | Preferred

SHRUBS

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	BTA	Berberis thunbergii 'Atropurpurea Nana'	Dwarf Red Leaf Japanese Barberry	5 gal.	53	
	HPY	Hesperaloe parviflora	Red Yucca	5 gal.	30	24" HT. MIN. Evergreen
	IGN	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	5 gal.	37	
	IVN	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	5 gal.	118	24" HT. MIN. Evergreen
	LFC	Leucophyllum frutescens 'Compacta'	Compact Texas Sage	5 gal.	25	
	MPM	Myrica pusilla	Dwarf Wax Myrtle	5 gal.	81	24" HT. MIN. Evergreen

SOD/SEED

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	TRF	Cynodon dactylon x transvaalensis 'DT-1'	TifTuff™ Bermudagrass	sod	56,580 sf	Preferred

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

0 40' 80'
1" = 40'-0"

NORTH

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.6630
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

06/12/2025

LANDSCAPE PLAN

RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

PROJECT NUMBER
2024.011

DRAWING DATE
2025.06.12

SCALE
AS NOTED

DESIGNED BY

SHEET NUMBER
LP-1

PLANTING SPECIFICATIONS

GENERAL

A. QUALIFICATIONS OF LANDSCAPE CONTRACTOR
   1. ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM SPECIALIZING IN LANDSCAPE PLANTING.
   2. A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES.
   3. THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID NURSERY AND FLORAL CERTIFICATE ISSUED BY THE TEXAS DEPARTMENT OF AGRICULTURE, AS WELL AS OPERATE UNDER A COMMERCIAL PESTICIDE APPLICATOR LICENSE ISSUED BY EITHER THE TEXAS DEPARTMENT OF AGRICULTURE OR THE TEXAS STRUCTURAL PEST CONTROL BOARD.

B. SCOPE OF WORK
   1. WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HEREIN AND / OR SHOWN ON THE LANDSCAPE PLANS, NOTES, AND DETAILS.
   2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS.
   3. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

PRODUCTS

A. ALL MANUFACTURED PRODUCTS SHALL BE NEW.
B. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:
   1. FURNISH NURSERY-GROWN PLANTS COMPLYING WITH ANSI Z60.1-2014. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE, AND WITH SIMILAR CLIMACTIC CONDITIONS.
   2. ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED ROOTS).
   3. ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTBLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLE JUDGES AS TO THE ACCEPTABILITY OF PLANT MATERIAL.
   4. ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING.
   5. CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREES UP TO AND INCLUDING FOUR INCHES IN CALIPER, AND TWELVE INCHES ABOVE THE ROOT FLARE FOR TREES EXCEEDING FOUR INCHES IN CALIPER.
   6. MULTI-TYRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED FROM THE TOP OF THE ROOT BALL.
   7. ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF THE ROOT BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED, SHALL BE REJECTED.
C. SOD: PROVIDE WELL-ROOTED SOD OF THE VARIETY NOTED ON THE PLANS. SOD SHALL BE CUT FROM HEALTHY, MATURE TURF WITH SOIL THICKNESS OF 3/4" TO 1". EACH PALLET OF SOD SHALL BE ACCOMPANIED BY A CERTIFICATE FROM SUPPLIER STATING THE COMPOSITION OF THE SOD.
D. SEED: PROVIDE BLEND OF SPECIES AND VARIETIES AS NOTED ON THE PLANS, WITH MAXIMUM PERCENTAGES OF PURITY, GERMINATION, AND MINIMUM PERCENTAGE OF WEED SEED AS INDICATED ON PLANS. EACH BAG OF SEED SHALL BE ACCOMPANIED BY A TAG FROM THE SUPPLIER INDICATING THE COMPOSITION OF THE SEED.
E. TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN ½ INCH, FOREIGN MATTER, PLANTS, ROOTS, AND SEEDS.
F. COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8; MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT; 100 PERCENT PASSING THROUGH 3/4-INCH SIEVE; SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENS/M; NOT EXCEEDING 0.5 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO PLANTINGS. NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED.
G. FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROGEN, PHOSPHORUS, POTASSIUM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOIL-TESTING AGENCY (SEE BELOW).
H. MULCH: SIZE AND TYPE AS INDICATED ON PLANS, FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS.
I. WEED FABRIC: 5 OUNCE, WOVEN, NEEDLE-PUNCHED FABRIC, SUCH AS DEWITT PRO5 LANDSCAPE FABRIC (OR APPROVED EQUAL).
J. TREE STAKING AND GUYING
   1. STAKES: 6' LONG GREEN METAL T-POSTS.
   2. GUY AND TIE WIRE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.106 INCH DIAMETER.
   3. STRAP CHAFING GUARD: REINFORCED NYLON OR CANVAS AT LEAST 1-1/2 INCH WIDE, WITH GROMMETS TO PROTECT TREE TRUNKS FROM DAMAGE.
M. STEEL EDGING: PROFESSIONAL STEEL EDGING, 10 GAUGE THICK X 4 INCHES WIDE, FACTORY PAINTED DARK GREEN. ACCEPTABLE MANUFACTURERS INCLUDE COL-MET OR APPROVED EQUAL.
N. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

METHODS

A. SOIL PREPARATION
   1. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST.
   2. SOIL TESTING:
      a. AFTER FINISH GRADES HAVE BEEN ESTABLISHED, CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY FOR THE FOLLOWING: SOIL TEXTURAL CLASS, GENERAL SOIL FERTILITY, pH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL.
      b. CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES.
      c. THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): GENERAL SOIL PREPARATION AND BACKFILL MIXES, PRE-PLANT FERTILIZER APPLICATIONS, AND ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE.
   3. THE CONTRACTOR SHALL INSTALL SOIL AMENDMENTS AND FERTILIZERS PER THE SOILS REPORT RECOMMENDATIONS. ANY CHANGE IN COST DUE TO THE SOIL REPORT RECOMMENDATIONS, EITHER INCREASE OR DECREASE, SHALL BE SUBMITTED TO THE OWNER WITH THE REPORT.
   4. FOR BIDDING PURPOSES ONLY, THE SOIL PREPARATION SHALL CONSIST OF THE FOLLOWING:
      a. TURF: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
         i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
         ii. PREPLANT TURF FERTILIZER (10-20-10 OR SIMILAR, SLOW RELEASE, ORGANIC) - 15 LBS PER 1,000 S.F.
         iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
      b. TREES, SHRUBS, AND PERENNIALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
         i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
         ii. 12-12-12 FERTILIZER (OR SIMILAR, ORGANIC, SLOW RELEASE) - 10 LBS. PER CU. YD.
         iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
         iv. IRON SULPHATE - 2 LBS. PER CU. YD.
   5. CONTRACTOR SHALL ENSURE THAT THE GRADE IN SOD AREAS SHALL BE 1" BELOW FINISH GRADE BEFORE INSTALLING SOIL AMENDMENTS, AND 2" BELOW FINISH GRADE IN SHRUB AREAS BEFORE INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL.
   6. ONCE SOIL PREPARATION IS COMPLETE, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THERE ARE NO DEBRIS, TRASH, OR STONES LARGER THAN 1" REMAINING IN THE TOP 6" OF SOIL.

B. GENERAL PLANTING
   1. REMOVE ALL NURSERY TAGS AND STAKES FROM PLANTS.
   2. EXCEPT IN AREAS TO BE PLANTED WITH ORNAMENTAL GRASSES, APPLY PRE-EMERGENT HERBICIDES AT THE MANUFACTURER'S RECOMMENDED RATE.
   3. TRENCHING NEAR EXISTING TREES:
      a. CONTRACTOR SHALL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES, AND SHALL EXERCISE ALL POSSIBLE CARE AND PRECAUTIONS TO AVOID INJURY TO TREE ROOTS, TRUNKS, AND BRANCHES. THE CRZ IS DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUNK, WITH A RADIUS EQUAL TO 1' FOR EVERY 1" OF TRUNK DIAMETER-AT-BREAST-HEIGHT (4.5' ABOVE THE AVERAGE GRADE AT THE TRUNK).
      b. ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ.
      c. ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-1/2" AND LARGER IN DIAMETER. WHERE TREE ROOTS 1-1/2" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD, TUNNEL UNDER SUCH ROOTS. WRAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLAP AND KEEP MOIST. CLOSE ALL TRENCHES WITHIN THE CANOPY DRIP LINES WITHIN 24 HOURS.
      d. ALL SEVERED ROOTS SHALL BE HAND PRUNED WITH SHARP TOOLS AND ALLOWED TO AIR-DRY. DO NOT USE ANY SORT OF SEALERS OR WOUND PAINTS.

C. TREE PLANTING
   1. TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL, AND TO A DEPTH EQUAL TO THE DEPTH OF THE ROOTBALL LESS TWO TO FOUR INCHES.
   2. SCARIFY THE SIDES AND BOTTOM OF THE PLANTING HOLE PRIOR TO THE PLACEMENT OF THE TREE. REMOVE ANY GLAZING THAT MAY HAVE BEEN CAUSED DURING THE EXCAVATION OF THE HOLE.
   3. FOR CONTAINER AND BOX TREES, TO REMOVE ANY POTENTIALLY GIRDLING ROOTS AND OTHER ROOT DEFECTS, THE CONTRACTOR SHALL SHAVE A 1" LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES JUST BEFORE PLACING INTO THE PLANTING PIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL.
   4. INSTALL THE TREE ON UNDISTURBED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SURROUNDING GRADE.
   5. BACKFILL THE TREE HOLE UTILIZING THE EXISTING TOPSOIL FROM ON-SITE. ROCKS LARGER THAN 1" DIA. AND ALL OTHER DEBRIS SHALL BE REMOVED FROM THE SOIL PRIOR TO THE BACKFILL. SHOULD ADDITIONAL SOIL BE REQUIRED TO ACCOMPLISH THIS TASK, USE STORED TOPSOIL FROM ON-SITE OR IMPORT ADDITIONAL TOPSOIL FROM OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IMPORTED TOPSOIL SHALL BE OF SIMILAR TEXTURAL CLASS AND COMPOSITION IN THE ON-SITE SOIL.
   6. THE TOTAL NUMBER OF TREE STAKES (BEYOND THE MINIMUMS LISTED BELOW) WILL BE LEFT TO THE LANDSCAPE CONTRACTOR'S DISCRETION. SHOULD ANY TREES FALL OR LEAN, THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN THE TREE, OR REPLACE IT SHOULD IT BECOME DAMAGED. TREE STAKING SHALL ADHERE TO THE FOLLOWING GUIDELINES:

a.	1"-2" TREES	TWO STAKES PER TREE
b.	2-1/2"-4" TREES	THREE STAKES PER TREE
c.	TREES OVER 4" CALIPER	GUY AS NEEDED
d.	MULTI-TRUNK TREES	THREE STAKES PER TREE MINIMUM, QUANTITY AND POSITIONS AS NEEDED TO STABILIZE THE TREE

   7. UPON COMPLETION OF PLANTING, CONSTRUCT AN EARTH WATERING BASIN AROUND THE TREE. COVER THE INTERIOR OF THE TREE RING WITH THE WEED BARRIER CLOTH AND TOPDRESS WITH MULCH (TYPE AND DEPTH PER PLANS).

D. SHRUB, PERENNIAL, AND GROUNDCOVER PLANTING
   1. DIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROOTBALL. INSTALL THE PLANT IN THE HOLE. BACKFILL AROUND THE PLANT WITH SOIL AMENDED PER SOIL TEST RECOMMENDATIONS.
   2. INSTALL THE WEED BARRIER CLOTH, OVERLAPPING IT AT THE ENDS. UTILIZE STEEL STAPLES TO KEEP THE WEED BARRIER CLOTH IN PLACE.
   3. WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS, COVERING THE ENTIRE PLANTING AREA.

E. SODDING
   1. SOD VARIETY TO BE AS SPECIFIED ON THE LANDSCAPE PLAN.
   2. LAY SOD WITHIN 24 HOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN.
   3. LAY THE SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS - DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.
   4. ROLL THE SOD TO ENSURE GOOD CONTACT OF THE SOD'S ROOT SYSTEM WITH THE SOIL UNDERNEATH.
   5. WATER THE SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING TO OBTAIN AT LEAST SIX INCHES OF PENETRATION INTO THE SOIL BELOW THE SOD.

G. CLEAN UP
   1. DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION.
   2. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE.

H. INSPECTION AND ACCEPTANCE
   1. UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.
   2. WHEN THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, THE LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24 HOURS.
   3. THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE.

I. LANDSCAPE MAINTENANCE
   1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTING OF PLANTS THAT HAVE SETTLED, MOWING AND AERATION OF LAWNS, WEEDING, RESEEDING AREAS WHICH HAVE NOT GERMINATED WELL, TREATING FOR INSECTS AND DISEASES,REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.
   2. SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL, HEALTHY STAND OF GRASS AT NO ADDITIONAL COST TO THE OWNER.
   3. TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR:
      a. THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
      b. ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
      c. SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING. HYDROMULCHED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH. BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESODDED OR RESEEDED (AS APPROPRIATE) PRIOR TO FINAL ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.

J. WARRANTY PERIOD, PLANT GUARANTEE AND REPLACEMENTS
   1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS, PERENNIALS, SOD, SEEDED/HYDROMULCHED AREAS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE (90 DAYS FOR ANNUAL PLANTS). THE CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY.
   2. AFTER THE INITIAL MAINTENANCE PERIOD AND DURING THE GUARANTEE PERIOD, THE LANDSCAPE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DAMAGE BY HUMAN ACTIONS.

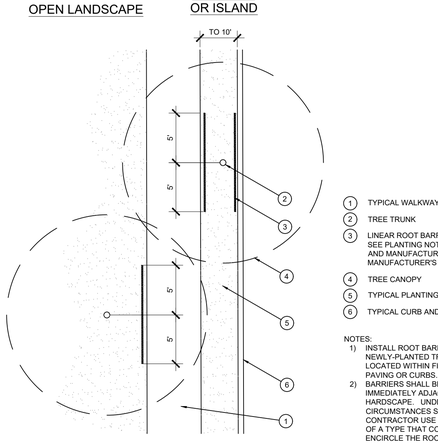
K. PROVIDE A MINIMUM OF (2) COPIES OF RECORD DRAWINGS TO THE OWNER UPON COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.

GENERAL GRADING & PLANTING NOTES

1. BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
3. IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.
   a. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
   b. CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
   c. THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (**BASED ON A SOIL TEST**, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED.
   d. ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   e. ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   f. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
4. ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
   a. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
   b. **NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.** IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
   c. THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL SOLID SOD IN ALL RIGHT-OF-WAYS AND PARKWAYS (UNLESS NOT ALLOWED BY THE LOCAL JURISDICTION) AND SHALL PROVIDE WATERING AND MAINTENANCE UNTIL THE TURF IS ESTABLISHED AND HAS BEEN ACCEPTED BY OWNER.
6. THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.
7. SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

TEXAS ONE CALL

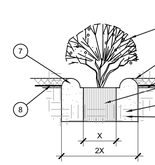
CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES



1. TYPICAL WALKWAY OR PAVING
2. TREE TRUNK
3. LINEAR ROOT BARRIER MATERIAL. SEE PLANTING NOTES FOR TYPE AND MANUFACTURER. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
4. TREE CANOPY
5. TYPICAL PLANTING AREA
6. TYPICAL CURB AND GUTTER

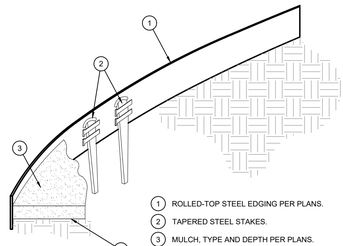
NOTES:
1) INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS.
2) BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

D ROOT BARRIER - PLAN VIEW
SCALE: NOT TO SCALE



1. SHRUB, PERENNIAL, OR ORNAMENTAL GRASS.
2. MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT CENTER.
3. FINISH GRADE.
4. ROOT BALL.
5. BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.
6. UNDISTURBED NATIVE SOIL.
7. 3" HIGH EARTHEN WATERING BASIN.
8. WEED FABRIC UNDER MULCH.

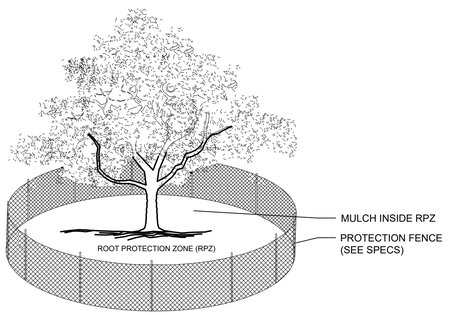
E SHRUB AND GROUNDCOVER PLANTING
SCALE: NTS



1. ROLLED-TOP STEEL EDGING PER PLANS.
2. TAPERED STEEL STAKES.
3. MULCH, TYPE AND DEPTH PER PLANS.
4. FINISH GRADE.

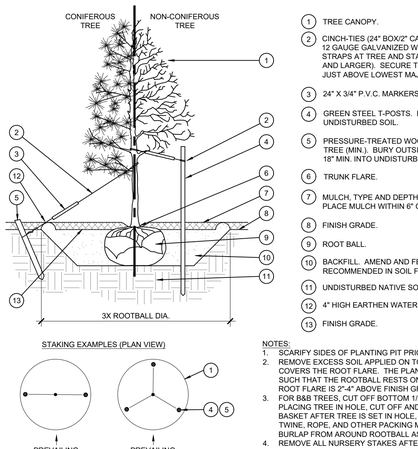
NOTES:
1) INSTALL EDGING SO THAT STAKES WILL BE ON INSIDE OF PLANTING BED.
2) BOTTOM OF EDGING SHALL BE BURIED A MINIMUM OF 1" BELOW FINISH GRADE.
3) TOP OF MULCH SHALL BE 1" LOWER THAN TOP OF EDGING.

F STEEL EDGING
SCALE: NOT TO SCALE



NOTES:
1. THE FENCING LOCATION SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND BE LIMITED TO PROJECT BOUNDARY. WHERE MULTIPLE ADJACENT TREES WILL BE ENCLOSED BY FENCING, THE FENCING SHALL BE CONTINUOUS AROUND ALL TREES.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

G TREE PROTECTION FENCE
SCALE: NOT TO SCALE



1. TREE CANOPY.
2. CINCH-TIES (24" BOX/2" CAL. TREES AND SMALLER) OR 12 GAUGE GALVANIZED WIRE WITH NYLON TREE STRAPS AT TREE AND STAKE (36" BOX/2.5" CAL. TREES AND LARGER). SECURE TIES OR STRAPS TO TRUNK JUST ABOVE LOWEST MAJOR BRANCHES.
3. 24" X 3/4" P.V.C. MARKERS OVER WIRES.
4. GREEN STEEL T-POSTS. EXTEND POSTS 12" MIN. INTO UNDISTURBED SOIL.
5. PRESSURE-TREATED WOOD DEADMAN, TWO PER TREE (MIN.). BURY OUTSIDE OF PLANTING PIT AND 18" MIN. INTO UNDISTURBED SOIL.

TREE PROTECTION SPECIFICATIONS

MATERIALS

1. FABRIC: 4 FOOT HIGH ORANGE PLASTIC FENCING AS SHOWN ON THE PLANS AND SHALL BE WOVEN WITH 2 INCH MESH OPENINGS SUCH THAT IN A VERTICAL DIMENSION OF 23 INCHES ALONG THE DIAGONALS OF THE OPENINGS THERE SHALL BE AT LEAST 7 MESHES.
2. POSTS: POSTS SHALL BE A MINIMUM OF 72 INCHES LONG AND STEEL 'T' SHAPED WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAR FOOT.
3. TIE WIRE: WIRE FOR ATTACHING THE FABRIC TO THE T-POSTS SHALL BE NOT LESS THAN NO. 12 GAUGE GALVANIZED WIRE,
4. USED MATERIALS: PREVIOUSLY-USED MATERIALS, MEETING THE ABOVE REQUIREMENTS AND WHEN APPROVED BY THE OWNER, MAY BE USED.

CONSTRUCTION METHODS

1. ALL TREES AND SHRUBS SHOWN TO REMAIN WITHIN THE PROXIMITY OF THE CONSTRUCTION SITE SHALL BE PROTECTED PRIOR TO BEGINNING ANY DEVELOPMENT ACTIVITY.
2. EMPLOY THE SERVICES OF AN ISA (INTERNATIONAL SOCIETY OF ARBORICULTURE) CERTIFIED ARBORIST AND OBTAIN ALL REQUIRED PERMITS TO PRUNE THE EXISTING TREES FOR CLEANING, RAISING AND THINNING, AS MAY BE REQUIRED.
3. PROTECTIVE FENCING SHALL BE ERECTED OUTSIDE THE CRITICAL ROOT ZONE (CRZ, EQUAL TO 1' FROM THE TRUNK FOR EVERY 1" OF DBH) AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE LANDSCAPE CONSULTANT AND/OR CITY ARBORIST, AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. FENCING SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. TREES IN CLOSE PROXIMITY SHALL BE FENCED TOGETHER, RATHER THAN INDIVIDUALLY.
4. PROTECTIVE FENCE LOCATIONS IN CLOSE PROXIMITY TO STREET INTERSECTIONS OR DRIVES SHALL ADHERE TO THE APPLICABLE JURISDICTION'S SIGHT DISTANCE CRITERIA.
5. THE PROTECTIVE FENCING SHALL BE ERECTED BEFORE SITE WORK COMMENCES AND SHALL REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PHASE.
6. THE INSTALLATION POSTS SHALL BE PLACED EVERY 6 FEET ON CENTER AND EMBEDDED TO 18 INCHES DEEP. MESH FABRIC SHALL BE ATTACHED TO THE INSTALLATION POSTS BY THE USE OF SUFFICIENT WIRE TIES TO SECURELY FASTEN THE FABRIC TO THE T-POSTS TO HOLD THE FABRIC IN A STABLE AND UPRIGHT POSITION.
7. WITHIN THE CRZ:
   a. DO NOT CLEAR, FILL OR GRADE IN THE CRZ OF ANY TREE.
   b. DO NOT STORE, STOCKPILE OR DUMP ANY JOB MATERIAL, SOIL OR RUBBISH UNDER THE SPREAD OF THE TREE BRANCHES.
   c. DO NOT PARK OR STORE ANY EQUIPMENT OR SUPPLIES UNDER THE TREE CANOPY.
   d. DO NOT SET UP ANY CONSTRUCTION OPERATIONS UNDER THE TREE CANOPY (SUCH AS PIPE CUTTING AND THREADING, MORTAR MIXING, PAINTING OR LUMBER CUTTING).
   e. DO NOT NAIL OR ATTACH TEMPORARY SIGNS METERS, SWITCHES, WIRES, BRACING OR ANY OTHER ITEM TO THE TREES.
   f. DO NOT PERMIT RUNOFF FROM WASTE MATERIALS INCLUDING SOLVENTS, CONCRETE WASHOUTS, ASPHALT TACK COATS (MC-30 OIL), ETC. TO ENTER THE CRZ. BARRIERS ARE TO BE PROVIDED TO PREVENT SUCH RUNOFF SUBSTANCES FROM ENTERING THE CRZ WHENEVER POSSIBLE, INCLUDING IN AN AREA WHERE RAIN OR SURFACE WATER COULD CARRY SUCH MATERIALS TO THE ROOT SYSTEM OF THE TREE.
8. ROUTE UNDERGROUND UTILITIES TO AVOID THE CRZ. IF DIGGING IS UNAVOIDABLE, BORE UNDER THE ROOTS, OR HAND DIG TO AVOID SEVERING THEM.
9. WHERE EXCAVATION IN THE VICINITY OF TREES MUST OCCUR, SUCH AS FOR IRRIGATION INSTALLATION, PROCEED WITH CAUTION, AND USING HAND TOOLS ONLY.
10. THE CONTRACTOR SHALL NOT CUT ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATION OCCURS NEAR EXISTING TREES. ALL ROOTS LARGER THAN ONE INCH IN DIAMETER ARE TO BE CUT CLEANLY. FOR OAKS ONLY, ALL WOUNDS SHALL BE PAINTED WITH WOUND SEALER WITHIN 30 MINUTES
11. REMOVE ALL TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS BY HAND.
12. TREES DAMAGED OR KILLED DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE AND TO THE PROJECT OWNER'S AND LOCAL JURISDICTION'S SATISFACTION.
13. ANY TREE REMOVAL SHALL BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO ITS REMOVAL, AND THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS FOR SUCH ACTIVITIES.
14. COVER EXPOSED ROOTS AT THE END OF EACH DAY WITH SOIL, MULCH OR WET BURLAP.
15. IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DUING CONSTRUCTION AND WHERE HEAVY TRAFFIC IS ANTICIPATED, COVER THE SOIL WITH EIGHT INCHES OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION. THIS EIGHT INCH DEPTH OF MULCH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
16. WATER ALL TREES IMPACTED BY CONSTRUCTION ACTIVITIES, DEEPLY ONCE A WEEK DURING PERIODS OF HOT DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
17. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.
18. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TREE PROTECTION FENCING WHEN ALL THREATS TO THE EXISTING TREES FROM CONSTRUCTION-RELATED ACTIVITIES HAVE BEEN REMOVED.

TREE PROTECTION GENERAL NOTES

(A) PRIOR TO THE LAND CLEARING STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL CLEARLY MARK ALL PROTECTED TREES FOR WHICH A TREE REMOVAL PERMIT HAS NOT BEEN ISSUED AND SHALL ERECT BARRIERS FOR THE PROTECTION OF THE TREES ACCORDING TO THE FOLLOWING:
   (1) AROUND AN AREA AT OR GREATER THAN A SIX-FOOT RADIUS OF ALL SPECIES OF MANGROVES AND PROTECTED CABBAGE PALMS;
   (2) AROUND AN AREA AT OR GREATER THAN THE FULL DRIPLINE OF ALL PROTECTED NATIVE PINES;
   (3) AROUND AN AREA AT OR GREATER THAN TWO-THIRDS OF THE DRIPLINE OF ALL OTHER PROTECTED SPECIES.

(B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.

(C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.

(D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.

(E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.

(F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE COUNTY ADMINISTRATOR, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.

(G) THE COUNTY ADMINISTRATOR MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.

(H) IF, IN THE OPINION OF THE COUNTY ADMINISTRATOR, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

TREE RELOCATION GUIDELINES

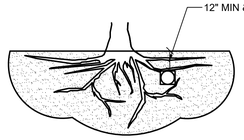
1. TREES SHALL NOT BE UNNECESSARILY DAMAGED DURING REMOVAL, TRANSPORT OR REPLANTING OF THE TREE.
2. IF THE TREE HAS A DORMANT PERIOD, THEY SHOULD BE TRANSPLANTED DURING THAT TIME. TREES SHOULD NOT BE TRANSPLANTED DURING PERIODS OF STRONG WINDS, DRY WINTER WINDS OR DURING DROUGHT.
3. ADEQUATE SPACES FOR ROOT AND CROWN DEVELOPMENT SHALL BE PROVIDED.
4. TREES SHALL BE ROOT AND CANOPY PRUNED IN ACCORDANCE WITH SOUND ARBORICULTURAL STANDARDS PRIOR TO TRANSPLANTING.
5. DURING AND FOLLOWING TRANSPLANTING, THE ROOT BALL AND TRUNK SHALL BE PROTECTED. THE ROOT BALL MUST BE KEPT MOIST AT ALL TIMES.
6. TRANSPLANTED TREES SHALL BE BRACED FOR A MINIMUM OF ONE (1) YEAR.
7. TRANSPLANTED TREES SHALL NOT BE FERTILIZED AT PLANTING TIME, BUT SHALL BE WATERED SUFFICIENTLY UNTIL THE TREE GROWTH IS REESTABLISHED.
8. ALL CROWN PRUNING SHALL BE DONE IN ACCORDANCE WITH "THE AMERICAN NATIONAL STANDARDS INSTITUTE A-300, TREE SHRUB AND OTHER WOODY PLANT MAINTENANCE-STANDARD PRACTICES", AND "Z-133.1 PRUNING, REPAIRING, MAINTAINING AND REMOVING TREES, AND CUTTING BRUSH-SAFETY REQUIREMENTS" OR PALM PRUNING IN ACCORDANCE WITH THE STANDARDS IN, RICHARD HARRIS, "ARBORICULTURE INTEGRATED MANAGEMENT OF LANDSCAPE TREES, SHRUBS AND VINES", AS AMENDED.
9. CONTRACTOR IS RESPONSIBLE FOR REGULAR WATERING AND MAINTENANCE OF TRANSPLANTED TREES DURING STORAGE PERIOD.

TEXAS ONE CALL

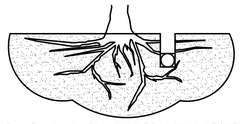
CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS TROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE BASIS BY THE ENGINEER.

TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.



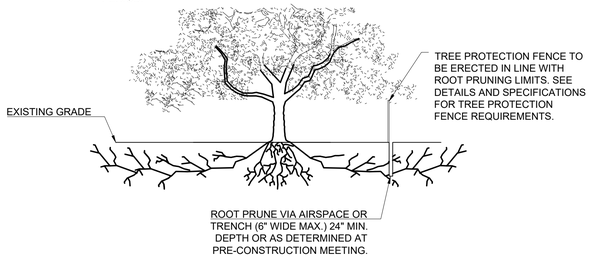
TUNNEL TO MINIMIZE ROOT DAMAGE (TOP) AS OPPOSED TO SURFACE-DUG TRENCHES IN ROOT PROTECTION ZONE WHEN THE 5' MINIMUM DISTANCE FROM TRUNK CAN NOT BE ACHIEVED.



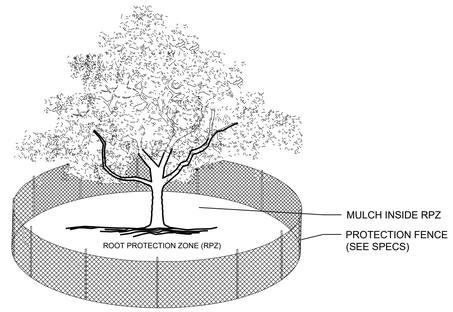
OPEN TRENCHING MAY BE USED IF EXPOSED TREE ROOTS DO NOT EXCEED 3" OR ROOTS CAN BE BENT BACK.

C BORING THROUGH ROOT PROTECTION ZONE
SCALE: NOT TO SCALE

NOTES
1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRE-CONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRE-CONSTRUCTION MEETING AND FLAGGED PRIOR TO ROOT PRUNING.
3. EXACT LOCATION OF ROOT PRUNING SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FORESTRY INSPECTOR .
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FORESTRY INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT. ROT PRUNING METHODS AND MEANS MUST BE IN ACCORDANCE WITH ANSI STANDARD A3000.
6. ALL PRUNING MUST BE EXECUTED AT LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FORESTRY INSPECTOR.
7. SUPPLEMENTAL WATERING MAY BE REQUIRED FOR ROOT PRUNED TREES THROUGHOUT THE GROWING SEASON DURING CONSTRUCTION AND SUBSEQUENT WARRANTY AND MAINTENANCE PERIOD.

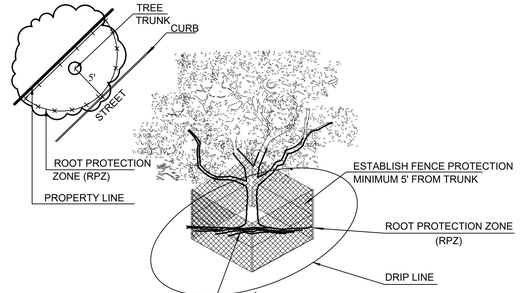


D ROOT PRUNING DETAIL
SCALE: NOT TO SCALE



NOTES:
1. THE FENCING LOCATION SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND BE LIMITED TO PROJECT BOUNDARY. WHERE MULTIPLE ADJACENT TREES WILL BE ENCLOSED BY FENCING, THE FENCING SHALL BE CONTINUOUS AROUND ALL TREES.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

A TREE PROTECTION FENCE
SCALE: NOT TO SCALE



NOTES:
1. OPTION USED FOR TIGHT CONSTRUCTION AREAS OR WHEN CONSTRUCTION OCCURS IN ROOT PROTECTION ZONE.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

B TREE PROTECTION FENCE - TIGHT CONSTRUCTION
SCALE: NOT TO SCALE

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.9610
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING · IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

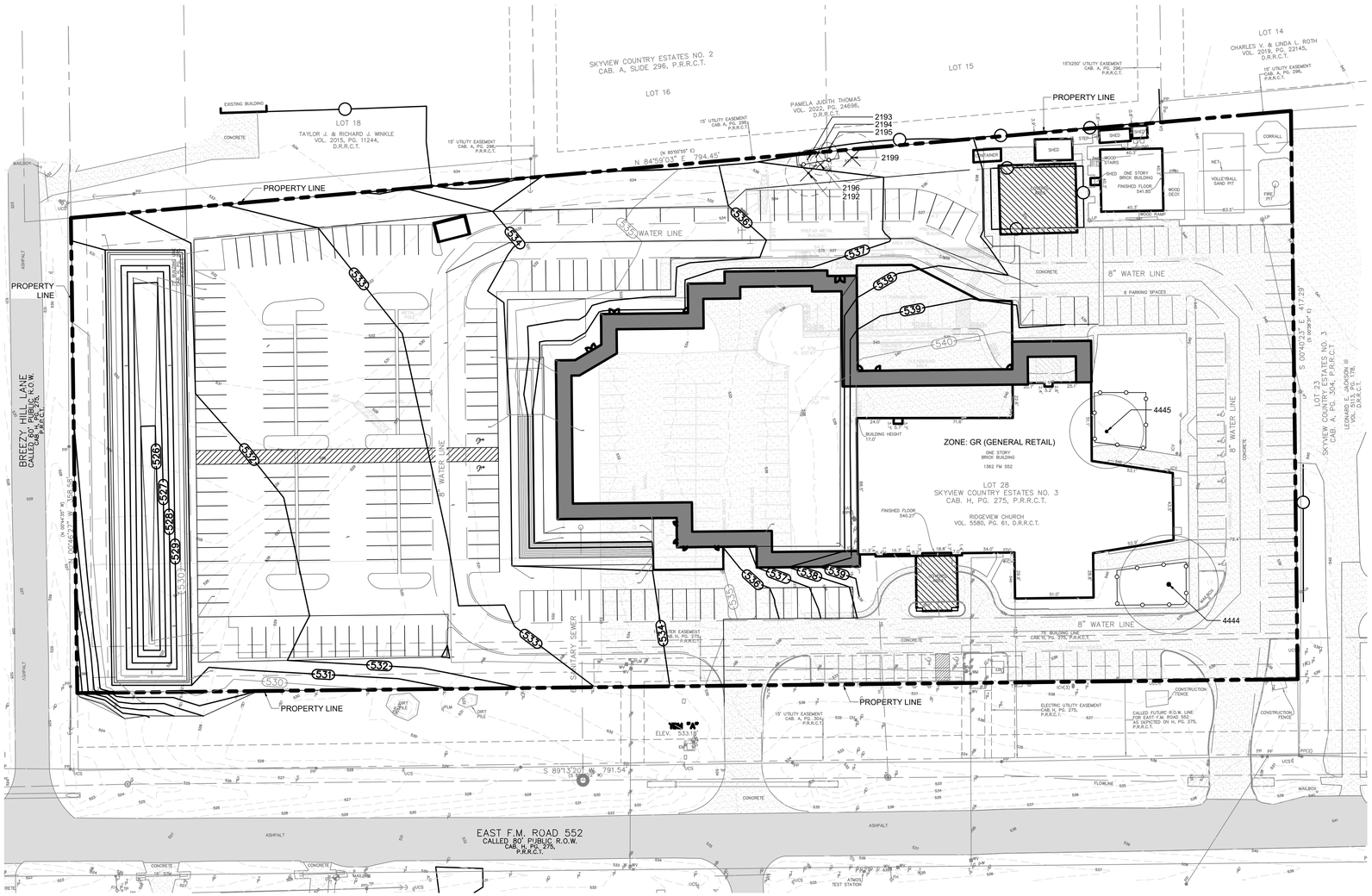
06/12/2025

TREE PROTECTION SPECIFICATIONS & DETAILS

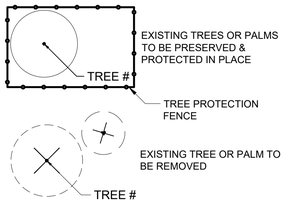
RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

PROJECT NUMBER
2024.011
DRAWING DATE
2025.06.12
SCALE
AS NOTED
DESIGNED BY

SHEET NUMBER
TD-2



LEGEND



THE DEVELOPER SHALL ERECT AN ORANGE PLASTIC MESH FENCE, OR OTHER APPROVED FENCING MATERIAL, A MINIMUM OF FOUR FEET IN HEIGHT AROUND EACH TREE OR GROUP OF TREES TO PREVENT THE PLACEMENT OF DEBRIS, EQUIPMENT, OR FILL WITHIN THE DRIPLINE OR CRITICAL ROOT ZONE. THE FENCE SHALL BE INSTALLED PRIOR TO THE RELEASE OF ANY PERMIT. IF THE PROTECTION FENCE IS FOUND REMOVED, DAMAGED, OR ALTERED AT ANY TIME DURING CONSTRUCTION PRIOR TO FINAL INSPECTION OR LANDSCAPE INSTALLATION, A STOP WORK ORDER MAY BE ISSUED BY THE BUILDING OFFICIAL.

TREE INVENTORY

RIDGEVIEW CHURCH, ROCKWALL TX						
LAST UPDATED:	25-06-12					
TREE ID	**SPECIES**	**DBH (INCHES)**	**STATUS**	**MITIGATION (INCHES)**	**PRESERVATION CREDIT**	**NOTES**
2192	WILLOW	15	TO REMOVE			NOT PROTECTED/ FEATURE TREE
2193	CEDAR	6	REMAIN			NOT PROTECTED (<11")
2194	OAK	6	REMAIN			
2195	OAK	6	REMAIN			
2196	HACKBERRY	7	TO REMOVE			NOT PROTECTED (<11")
2199	WILLOW	16	TO REMOVE			NOT PROTECTED/ FEATURE TREE
4444	AMERICAN	32	REMAIN			
4445	OAK	24	REMAIN			
TOTAL DBH		112				
TOTAL DBH REMOVED		**38**				ALL REMOVED TREES ARE NOT PROTECTED
MITIGATION				**0**	**0**	MAX PRESERVATION IS 20% OF TOTAL REPLACEMENT INCHES
TOTAL MITIGATION REQUIRED				**0**		

SITE VICINITY MAP, NTS



TREE PROTECTION GENERAL NOTES

(A) REMOVED
(B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.
(C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.
(D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.
(E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.
(F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE CITY STAFF, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.
(G) THE CITY STAFF MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.
(H) IF, IN THE OPINION OF THE CITY STAFF, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

NOTE: TREE PROTECTION FOR ANY PRESERVED OR RELOCATED TREES MUST BE PROVIDED PER DETAILS AND SPECIFICATIONS ON SHEET TD-2. THESE MUST BE UP PRIOR TO THE COMMENCEMENT OF ANY WORK AND MAINTAINED THROUGHOUT CONSTRUCTION.

NOTE: ALL TREE TRIMMING MUST BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO COMMENCEMENT OF WORK. ALL TREE TRIMMING MUST BE DONE BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH LOCAL TREE PRESERVATION ORDINANCE.

0 40' 80'
1" = 40'-0"

NORTH

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.8638
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING · IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

06/12/2025

TREE DISPOSITION PLAN

RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

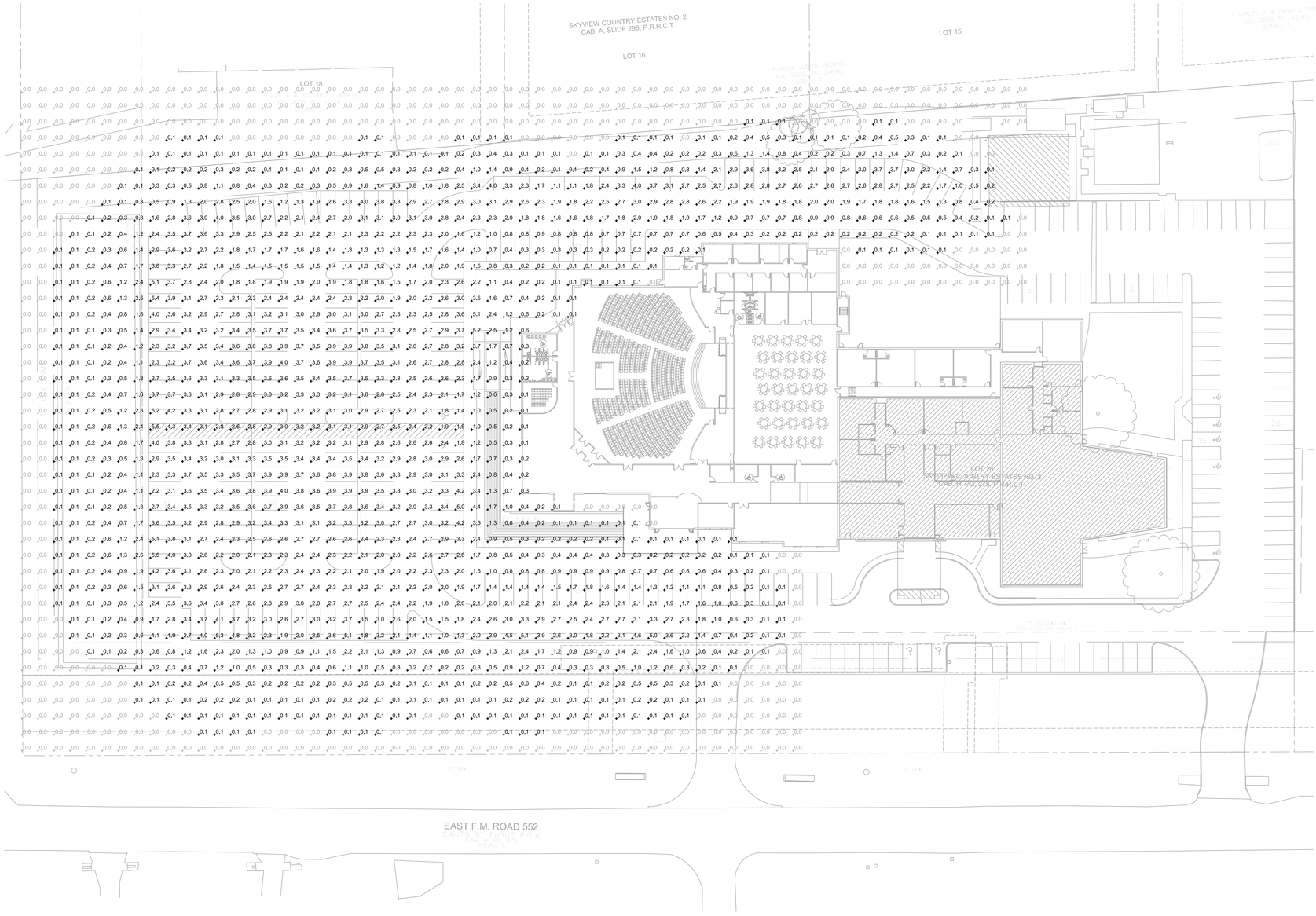
PROJECT NUMBER
2024.011

DRAWING DATE
2025.06.12

SCALE
AS NOTED

DESIGNED BY

SHEET NUMBER
TD-1



1 SITE PLAN - PHOTOMETRIC
SCALE: 1" = 30'-0"

ISSUE/ REVISION
DESIGN DEVELOPMENT

NO.	DATE
	05/23/2025

OLER SENTZ
TEXAS FIRM NO: F-24123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

STATE OF TEXAS
STRIDER E. STEELE
106903
LICENSED
PROFESSIONAL ENGINEER
06/13/2025

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
SITE PLAN - PHOTOMETRIC

E102

SCALE: AS NOTED

V3 CONSULTING ENGINEERS
VIGILANT - VIABLE - VIRTUOUS
TEXAS REGISTRATION # F-20374
V3 PROJECT #: 24080



RSX2 LED
Area Luminaire

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

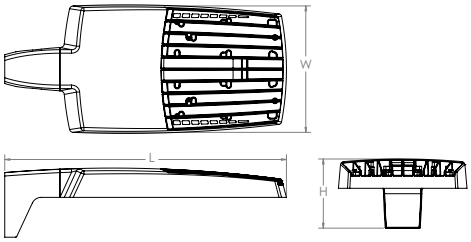
EPA (ft²@0°): 0.69 ft² (0.06 m²)

Length: 29.3" (74.4 cm) (SPA mount)

Width: 13.4" (34.0 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm

Weight: (SPA mount) 30.0 lbs (13.6 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) [2]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) [3]	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) [4]	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) [6]
	P5		R4S Type 4 Short	120 [3] 277 [5]	WBA Wall bracket [1]
	P6		R5 Type 5 Wide [1]	208 [3] 347 [5]	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short [1]	240 [3] 480 [5]	AASP Adjustable tilt arm square pole mounting [6]
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting [6]
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket [6]
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box [6]

Options

Shipped Installed

HS	House-side shield [7]
PE	Photocontrol, button style [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [9, 10, 11]
SF	Single fuse (120, 277, 347) [5]
DF	Double fuse (208, 240, 480) [5]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [9]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [9]
DS	Dual switching [9,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2 PIRHN	nLight AIR generation 2 ,with Networked, Bi-Level motion/ambient sensor [9, 13, 14, 15]
BAA	Buy America(n) Act and/or Build America Buy America Qualified
CCE	Coastal Construction [16]

*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.

Shipped Separately (requires some field assembly)

EGS	External glare shield [7]
EGFV	External glare full visor (360° around light aperture) [7]
BS	Bird spikes [17]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

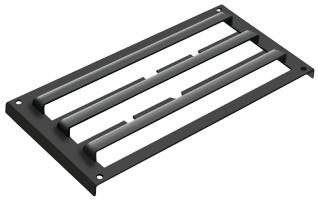
Ordering Information

Accessories
Ordered and shipped separately.

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSAFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U DLL127F 1.5 JU	RSX Surface conduit box (specify finish, for use with WBA, WBA not included) Photocell -SSL twist-lock (120-277V) [18]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [18]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [18]
DSHORT SBK U	Shorting cap [18]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
6 Maximum tilt is 90° above horizontal.
7 It may be ordered as an accessory.
8 Requires MVOLT or 347V.
9 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
10 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P5 and P6.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
17 Must be ordered with fixture for factory pre-drilling.
18 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

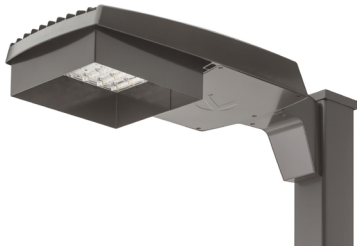
External Shields



House Side Shield



External Glare Shield

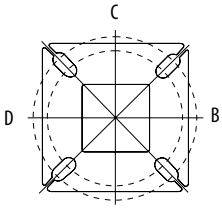


External 360 Full Visor

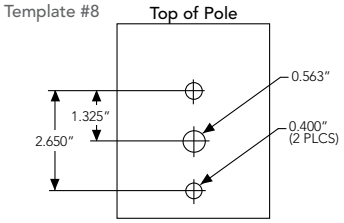
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

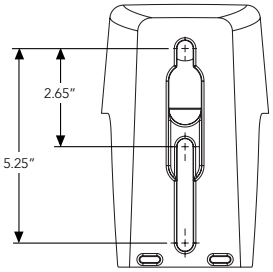
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX2 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

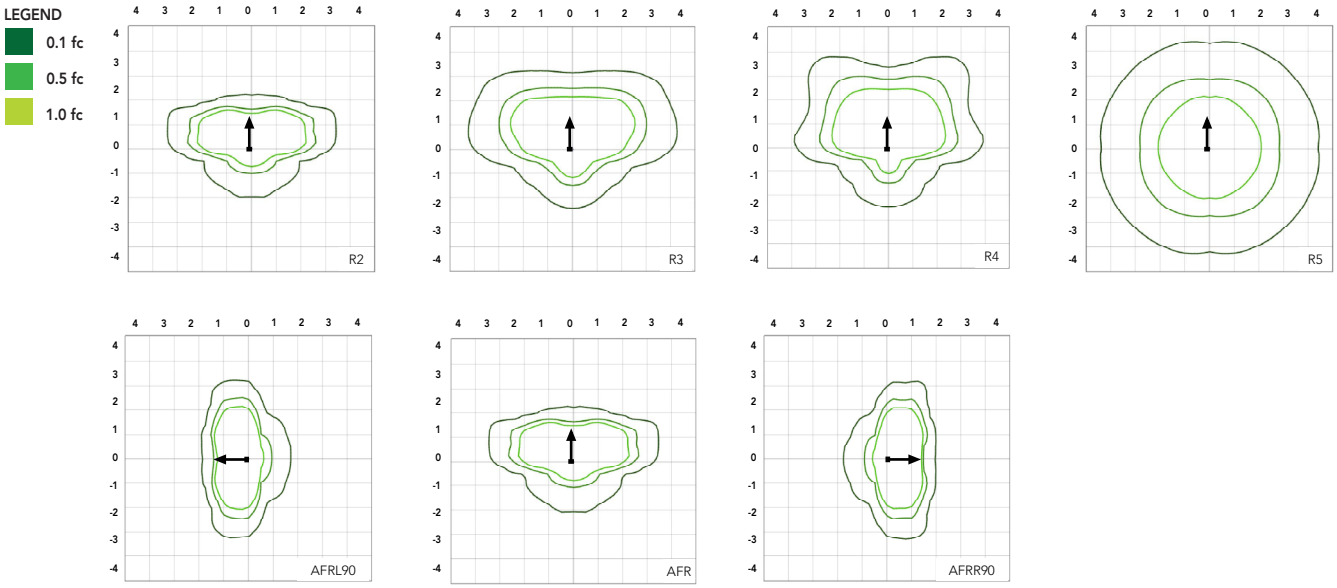
Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
RPA - Round Pole Adaptor		0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84
MA - Mast Arm Adaptor		0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
	90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

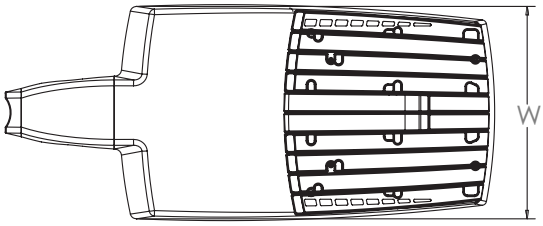
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

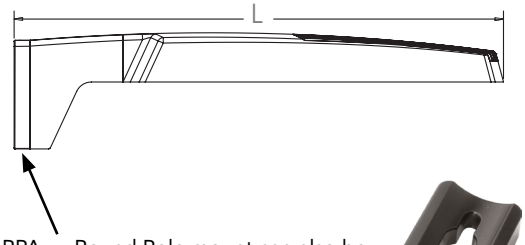
Dimensions & Weights

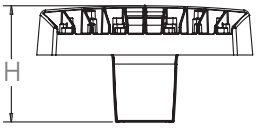
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)





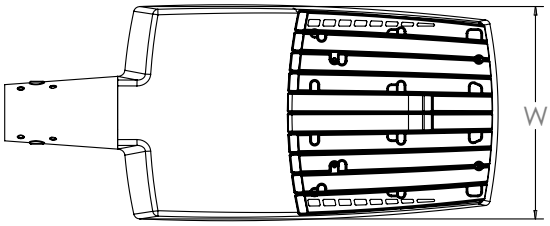


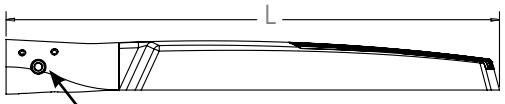
Length: 30.3" (77.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

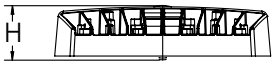
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX2 with Mast Arm Adapter (MA)



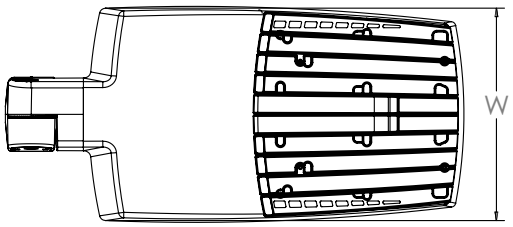


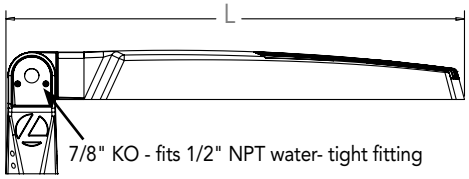


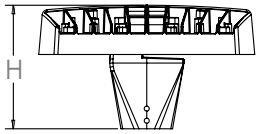
7/16" locking thru bolt/nut provided

Length: 30.6" (77.7 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX2 with Adjustable Slipfitter (IS)







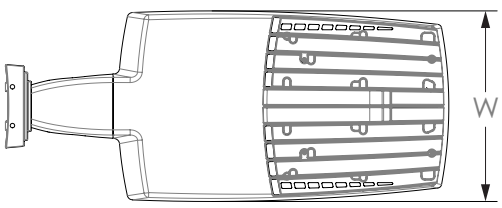
7/8" KO - fits 1/2" NPT water- tight fitting

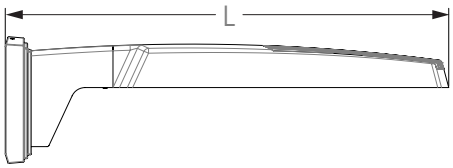
Length: 28.3" (71.9 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

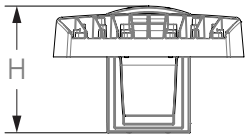
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Dimensions

RSX2 with Wall Bracket (WBA)

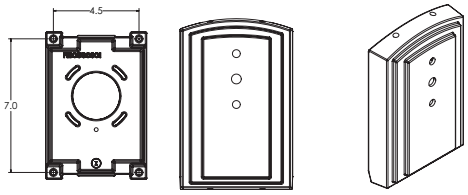




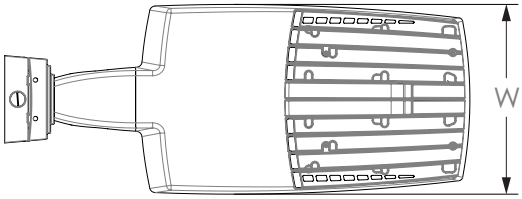


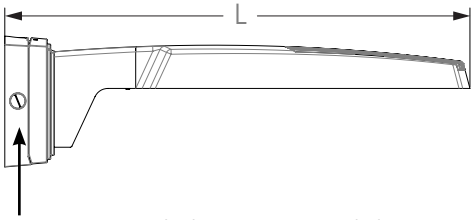
Length: 31.2" (79.2 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

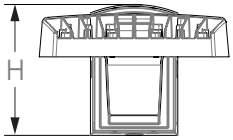
Wall Bracket (WBA) Mounting Detail



RSX2 with Wall Bracket with Surface Conduit Box (WBASC)

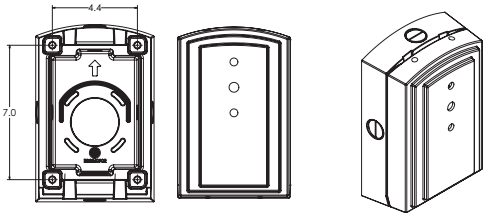






3/4" NPT taps with plugs - Qty (4) provided

Surface Conduit Box (SCB) Mounting Detail

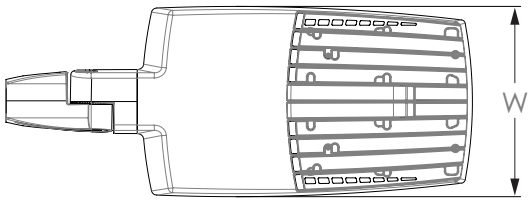


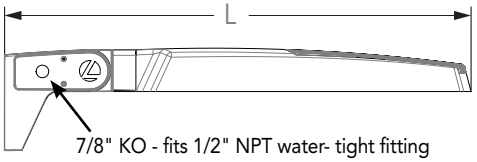
Length: 32.8" (83.3 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

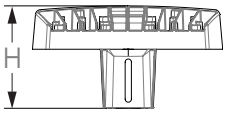
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

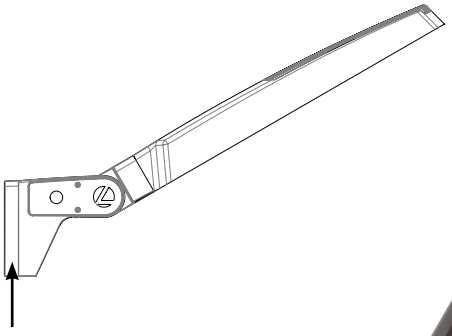
Dimensions

RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 32.8" (83.3 cm) **AASP**
33.8" (85.9 cm) **AARP**
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

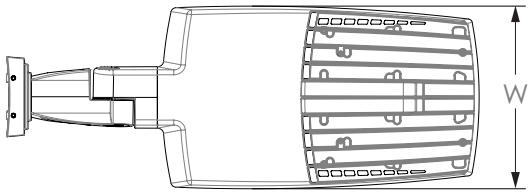


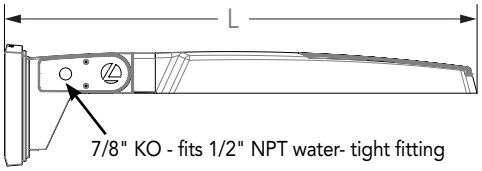
Notes

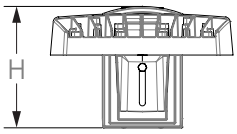
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

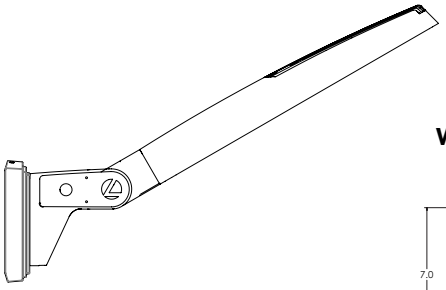
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



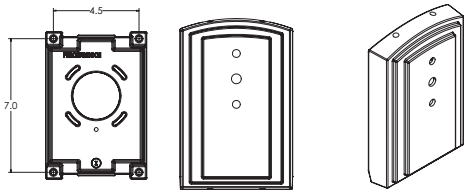






Length: 34.7" (88.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

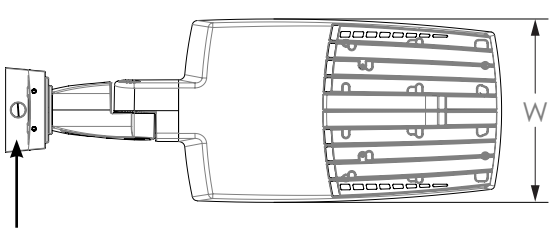
Wall Bracket (WBA) Mounting Detail



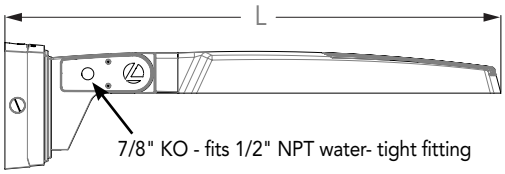
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

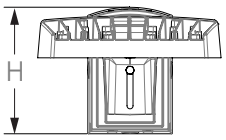
Dimensions

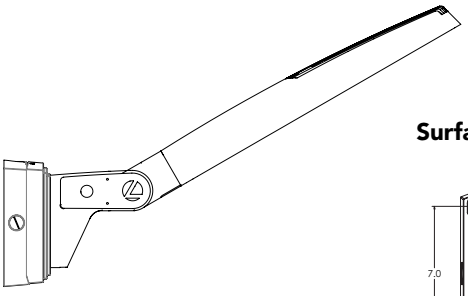
RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



3/4" NPT taps
with plugs - Qty (4)
provided

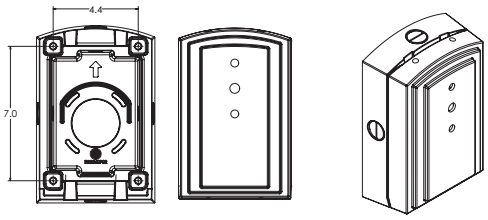




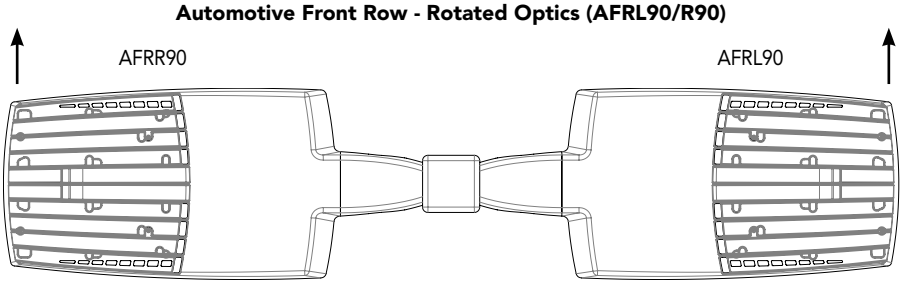


Length: 36.2" (91.9 cm)
Width: 13.4" (40.0 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Automotive Front Row - Rotated Optics (AFRL90/R90)



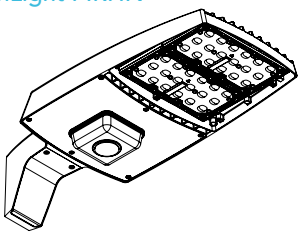
(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

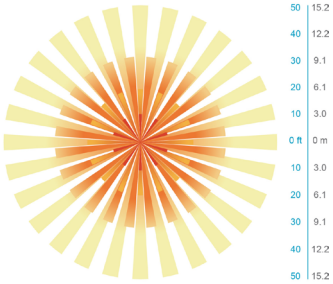
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

nLight Control - Sensor Coverage and Settings

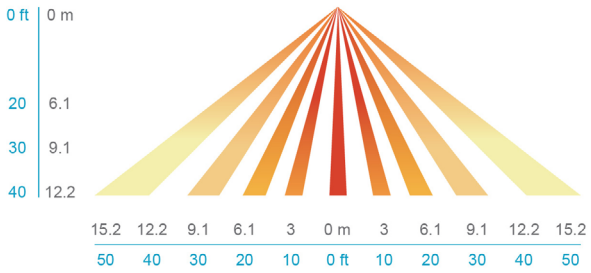
NLTAIR2 PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

COASTAL CONSTRUCTION (CCE)
Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. US Patent No. D882, 146S

GOVERNMENT PROCUREMENT
BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

PROJECT COMMENTS

CITY OF ROCKWALL
385 S. GOLIAD STREET
ROCKWALL, TEXAS 75087
PHONE: (972) 771-7700

DATE: 6/19/2025

PROJECT NUMBER: SP2025-025
PROJECT NAME: Site Plan for a House of Worship
SITE ADDRESS/LOCATIONS: 1362 E FM 552

CASE CAPTION: Discuss and consider a request by Grayson Hughes of Sutherland King Consulting, LLC on behalf of Felix Tan of Ridgeview Church for the approval of a Site Plan for the expansion of an existing Church/House of Worship (i.e. Ridgeview Church) on a 7.052-acre parcel of land identified as Lot 28 of the Skyview Country Estates No. 3 Addition, City of Rockwall, Rockwall County, Texas, zoned General Retail (GR) District, addressed as 1362 FM-552, and take any action necessary.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
PLANNING	Angelica Guevara	06/19/2025	Approved w/ Comments

06/19/2025: SP2025-025; Site Plan for an Existing Church/House of Worship at 1362 FM-552
Please address the following comments (M= Mandatory Comments; I = Informational Comments)

I.1 This is a request for the approval of a Site Plan for the expansion of an existing Church/House of Worship (i.e. Ridgeview Church) on a 7.052-acre parcel of land identified as Lot 28 of the Skyview Country Estates No. 3 Addition, City of Rockwall, Rockwall County, Texas, zoned General Retail (GR) District, addressed as 1362 FM-552.

I.2 For questions or comments concerning this case please contact Angelica Guevara in the Planning Department at (972) 772-6438 or email aguevara@rockwall.com.

M.3 For reference, include the case number (SP2025-025) in the lower right-hand corner of all pages of all revised plan submittals. (Subsection 01.02(D), Article 11, UDC)

I.4 The subject property will be required to be replat after the engineering process to establish the property lines and new easements necessary for development.

M.5 Please remove all proposed signage from the site plan and building elevations. All signage will be covered by a separate permit. (Subsection 06.02. F, of Article 05, UDC)

M.6 Provide the standard signature block with signature space for the Planning and Zoning Chairman and the Planning Director on all pages (i.e. Site Plan, Building Elevations, Landscape Plan, Treescape Plan, Photometric Plan) of the plans. (Subsection 03.04. A, of Article 11)

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the ____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

_____ _____
Planning & Zoning Commission, Chairman Director of Planning and Zoning

M.7 Site Plan:

1. Please label the fire lanes as Fire Lane, Public Access, and Utility Easement. (Subsection 03.04. B, of Article 11, UDC)
2. Indicate all drive/turning radii. (Subsection 03.04B, of Article 11, UDC)
3. Indicate all drive widths. (Subsection 03.04B, of Article 11, UDC)
4. Provide square footage and use of each room on the floor plan for both the proposed addition and the existing building. (Subsection 03.04B, of Article 11, UDC)
5. Indicate the type and depth of the paving material and provide a detail or cut-sheet. (Subsection 03.02, of Article 05, UDC)
6. A decorative metal fence and chain link fence called out on your plans. Please provide the height of the proposed fencing and any other existing. (Subsection 08.02F, of Article 08, UDC)
7. Is there any proposed pad/ground mounted utility equipment? If so, please delineate it and provide the subsequent screening on the landscape plan. (Subsection 01.05. C, of Article 05, UDC)
8. Are there any roof mounted or pad mounted utility equipment? If so, indicate them on the site plan and building elevations and show any subsequent required screening. (Subsection 01.05. C, of Article 05, UDC)
9. Please provide a dumpster detail that meets the Unified Development Code; “(t)rash/Recycling enclosures shall be four (4) sided. These receptacles shall be screened by a minimum six (6) foot, solid masonry dumpster enclosure that utilizes the same masonry materials as the primary building and incorporates an opaque, self-latching gate. Dumpster storage should be located to the rear of the buildings with proper access. Trash dumpster shall not be located in any required parking space and shall allow proper access by service trucks. The minimum enclosure area shall be 12’x10’. A minimum of 6” bollards will be required at potential impact zones and the pad site shall be paved to city standards.” (Subsection 01.05. B, of Article 05, UDC)
10. Please indicate that there will be no outside storage or above ground storage tanks. (Subsection 01.05, of Article 05, UDC)

M.8 Landscape Plan:

1. Please note that all canopy trees shall be at least four (4) inch caliper, accent trees at least four (4) feet tall, and shrubs at least five (5) gallon. Please correct this on the landscape plan. (Subsection 05.01, of Article 08, UDC)
2. Please correct the landscaping required for the detention ponds. There must be one (1) canopy tree per 750 SF of detention and one (1) accent tree per 1,500 SF of detention. In this case, you provide the required 20 canopy trees but are missing 10 accent trees. (Subsection 05.02. D, of Article 08, UDC)

M.9 Treescape Plan:

1. Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist.
2. Please note that if any trees are being removed from the property, a Tree Day is required to be held.

M.10 Photometric Plan:

1. Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (Section 2.1 of this checklist)
2. The foot-candles at all property lines must not exceed 0.2 FC. In this case, there are areas on the property where this 0.2 FC requirement is exceeded. (Subsection 03.03. B, of Article 07, UDC)
3. Indicate the location and type of all exterior lighting, including pole mounted, wall-mounted, signage, etc. for the entirety of the property. (Subsection 03.03D, if Article 07, UDC)

M.11 Building Elevations:

1. Indicate the surface area (square feet) of each façade and the percentage and square footage of each material used on that façade. (Subsection 04.01, of Article 05, UDC)
2. Specify and describe all proposed building materials on all proposed buildings. (Subsection 04.01, of Article 05, UDC)
3. Indicate the roofing materials and color. (Section 6.1 of this checklist)
4. Please indicate the roof pitch. The minimum roof pitch is 6:12. (Subsection 04.01, of Article 05, UDC)
5. The maximum permissible height in a General Retail (GR) District is 36-feet. Please ensure the building height is in conformance with this requirement. (Subsection 04.01, of

Article 05, UDC)
6. Indicate the parapet wall height by dashing in the top of the roof deck. Please note that projecting elements and parapets shall be finished on the interior side using the same materials as the exterior facing wall. (Subsection 04.01, of Article 05, UDC)
7. Indicate any roof mounted mechanical equipment if any. (Subsection 01.05C, of Article 05, UDC)
8. Indicate other design elements if any. (Section 6.1 of this checklist)
9. Ensure the proposed building materials match the materials on the existing building. (SUP Ordinance)
10. Ensure that the submitted elevations match the elevations submitted through the SUP Ordinance. The submitted elevations do not appear to match the ones provided during the SUP process. (SUP Ordinance)
11. Provide building elevations of the existing building. (Section 6.1 of this checklist)
12. Provide dumpster enclosure elevations; the dumpster enclosure gate must be self-latching. (Subsection 01.05. B, of Article 05, UDC)
13. The proposed building does not meet the primary articulation requirements on the west elevation. Specifically, item 5 which states that the primary architectural depth should be 12-feet.
14. The proposed building also does not meet the secondary articulation requirements on the west elevation. Specifically, items 2,4, and 5. The building should have a wall length of 55-feet, 10-inches, a secondary architectural depth of 8-feet, 4-inches, and a projection height of 2-feet, 10-inches. (Subsection 04.01. C.1, of Article 05)

I.12 Staff has identified the following variances associated with the proposed request: [1] primary articulation, and [2] secondary articulation. Per the Unified Development Code Subsection 09.01, of Article 11, two (2) compensatory measures are required for each variance requested. In this case four (4) compensatory measures must be provided to offset the two (2) variances requested. The same section of code outlines examples of compensatory measures, however other requests may be made to serve as compensatory measures. The variances are discretionary for the Planning and Zoning Commission. Staff suggests that the building elevations and other non-conformities of the submittal be changed to meet the requirements of the UDC.
M.13 Provide staff with a variance request letter outlining the variances requested, the reasons for the request (i.e. the hardship or reason that you cannot meet the code requirements), and the subsequent compensatory measures. (Subsection 09.01, of Article 11)

I.14 Please note that failure to address all comments provided by staff by 3:00 PM on July 1, 2025 will result in the automatic denial of the case on the grounds of an incomplete submittal. No refund will be given for cases that are denied due to an incomplete submittal, and a new application and fee will be required to resubmit the case.

I.15 Staff has identified the aforementioned items necessary to continue the submittal process. Please make these revisions and corrections, and provide any additional information that is requested. Revisions for this case will be due on July 1, 2025; however, it is encouraged for applicants to submit revisions as soon as possible to give staff ample time to review the case prior to the July 15, 2025 Planning & Zoning Meeting.

I.16 Please note the scheduled meetings for this case:
1) Planning & Zoning Work Session meeting will be held on June 24, 2025.
2) Planning & Zoning meeting/public hearing meeting will be held on July 15, 2025.

I.17 All meetings will be held in person and in the City's Council Chambers. All meetings listed above are scheduled to begin at 6:00 p.m. (P&Z). Please note that a representative(s) is required to be present for these meetings. During the upcoming work session meeting with the Planning and Zoning Commission, representative(s) are expected to present their case and answer any questions the Planning Commission may have regarding this request.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
ENGINEERING	Madelyn Price	06/17/2025	Approved w/ Comments

06/17/2025: 1. Utility easement.
2. There is a large existing drainage swale that runs through the site - you will need to capture that and route it around this new parking area.
3. Dumpster enclosure cannot be within easement.
4. Fire hydrant must be 5' from back of curb to allow 5' clearance around the FH

General Comments:
General Items:
- Must meet City's 2023 Standards of Design and Construction

- 4% Engineering Inspection Fees
- Impact Fees (Water, Wastewater & Roadway)
- Minimum easement width is 20' for new easements.
- No structures, including walls, allowed in easements.
- Retaining walls 3' and over must be engineered.
- All retaining walls (18" or taller) must be rock, stone, or stone faced. Smooth faced concrete walls are not allowed.
- No signage is allowed within easements or ROW.
- No structures or fences within easements.
- All utilities must be underground.
- Tree mitigation will be required for the removal of any existing trees on site.
- Dumpsters may not directly face a roadway.
- TXDOT permits required for any utility, drainage, and driveway improvements within the FM 552 ROW.
- Need to show existing and proposed utilities on the Site Plan.
- Additional comments may be provided at time of Site Plan and Engineering.

Drainage Items:
- Existing flow patterns must be maintained.
- Stormwater cannot increase off the property in any direction.
- Detention must be provided.
- Detention is based on property zoning, not use of specific area.
- Detention pond max side slope of 4:1 with a minimum bottom slope of 1%.
- Detention easement required at the freeboard elevation.
- No vertical walls are allowed in detention easement.
- Detention pond is required to have an emergency spillway.
- Detention ponds must be irrigated.
- No water or sewer lines can be in detention easement.
- The property owner will be responsible for maintaining, repair, and replacement of the drainage systems.
- No grate inlets allowed.
- FFE for all buildings must be called out when adjacent to a detention area. Minimum 2' above 100-year WSEL.
- Dumpster areas shall drain to an oil/water separator and then into the storm system.

Water and Wastewater Items:
- Site plan must show existing/proposed utility lines (Water, Sewer, etc.)
- Any public water lines must be a minimum of 8", looped, and must be in a 20' wide easement. (Meet City of Rockwall Standards of Design and Construction)
- Any public sewer lines must be a minimum of 8", and must be in a 20' wide easement. (Meet City of Rockwall Standards of Design and Construction)
- Only one "use" off a dead-end line (domestic, irrigation, fire sprinkler, fire hydrant, etc.)
- Maximum hydrant lead length is 50'.
- Water will have to be looped around the building.
- All commercial sewer connections must be made by a proposed or existing manhole.
- There is an existing 8" water main within the site available for use.
- There is an existing 6" sewer connection within the site available for use.
- Water and sanitary sewer and storm sewer must be 10' apart.
- All public utilities must be centered in an easement. Min 20' utility easements.
- Any utility crossings under a roadway must be by dry bore and be steel encased. Open cutting is not allowed.
- Sewer pro-rata of $86.44/acre on 3.35 acres (original lots 19 & 20 of Skyview Country Estates)
- Install the 8" water loop in the fire lane to remove any landscape conflicts.
- The 8" water line isn't installed around the eastern side of the building.

Roadway Paving Items:
- All driveways must meet City and TXDOT spacing requirements.
- All parking, storage, and drive aisles must be steel reinforced concrete. (No rock, gravel, or asphalt allowed)
- No rock, gravel, or asphalt allowed in any area.
- All Parking to be 20'x9' minimum.
- Parallel parking spaces are minimum 22'x9'
- No dead-end parking allowed without an approved City turnaround, 15'x64' striped no parking area.
- Drive isles to be 24' wide.
- Fire lane (if needed) to have 20' min radius if buildings are less than 30' tall. If any of the buildings are 30' or more, the fire lane will be 30' radius minimum.
- Fire lane (if needed) to be in a platted easement.
- Drainage culverts for driveways (if needed) will need to be engineered.
- A TXDOT permit will be required for any driveway modifications along FM 552.

Landscaping:
- No trees to be with 10' of any public water, sewer or storm line that is 10" in diameter or larger.
- No trees to be with 5' of any public water, sewer, or storm line that is less than 10".
- No landscape berms or tree plantings shall be located on top of City utilities or within easements.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
BUILDING	Craig Foshee	06/18/2025	Approved

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
FIRE	Ariana Kistner	06/19/2025	Approved

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
GIS	Lance Singleton	06/16/2025	Approved

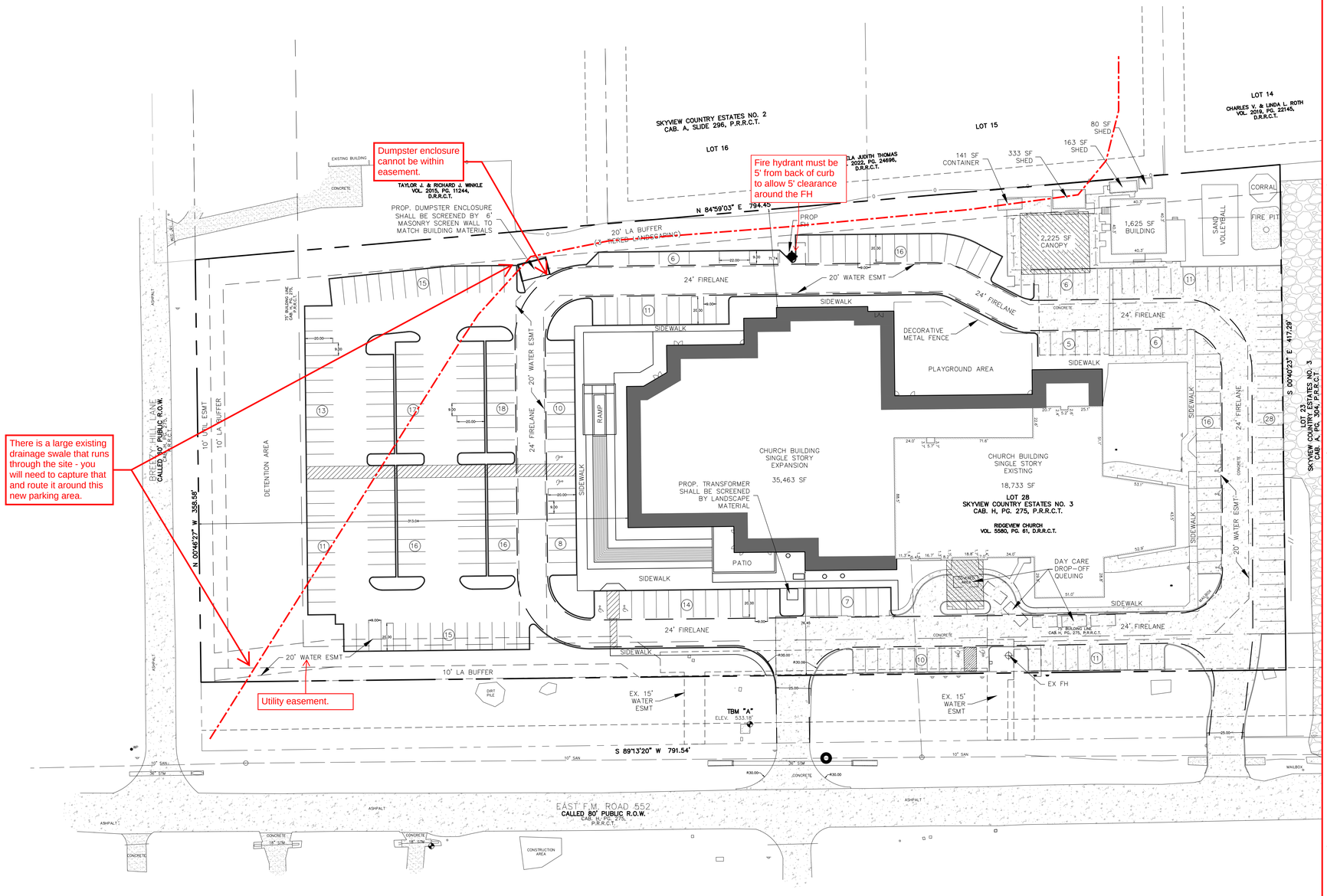
No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
POLICE	Chris Cleveland	06/16/2025	Approved

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
PARKS	Travis Sales	06/17/2025	Approved w/ Comments

06/17/2025: Please ensure that all parking requiring head light glare screen is included.



General Items:
- Must meet City's 2023 Standards of Design and Construction
- 4% Engineering Inspection Fees
- Impact Fees (Water, Wastewater & Roadway)
- Minimum easement width is 20' for new easements.
- No structures, including walls, allowed in easements.
- Retaining walls 3' and over must be engineered.
- All retaining walls (18" or taller) must be rock, stone, or stone faced. Smooth faced concrete walls are not allowed.
- No signage is allowed within easements or ROW.
- No structures or fences within easements.
- All utilities must be underground.
- Tree mitigation will be required for the removal of any existing trees on site.
- Dumpsters may not directly face a roadway.
- TXDOT permits required for any utility, drainage, and driveway improvements within the FM 552 ROW.
- Need to show existing and proposed utilities on the Site Plan.
- Additional comments may be provided at time of Site Plan and Engineering.

Drainage Items:
- Existing flow patterns must be maintained.
- Stormwater cannot increase off the property in any direction.
- Detention must be provided.
- Detention is based on property zoning, not use of specific area.
- Detention pond max side slope of 4:1 with a minimum bottom slope of 1%.
- Detention easement required at the freeboard elevation.
- No vertical walls are allowed in detention easement.
- Detention pond is required to have an emergency spillway.
- Detention ponds must be irrigated.
- No water or sewer lines can be in detention easement.
- The property owner will be responsible for maintaining, repair, and replacement of the drainage systems.
- **No** grate inlets allowed.
- FFE for all buildings must be called out when adjacent to a detention area. Minimum 2' above 100-year WSEL.
- Dumpster areas shall drain to an oil/water separator and then into the storm system.

Water and Wastewater Items:
- Site plan must show existing/proposed utility lines (Water, Sewer, etc.)
- Any public water lines must be a minimum of 8", looped, and must be in a 20' wide easement. (Meet City of Rockwall Standards of Design and Construction)
- Any public sewer lines must be a minimum of 8", and must be in a 20' wide easement. (Meet City of Rockwall Standards of Design and Construction)
- Only one "use" off a dead-end line (domestic, irrigation, fire sprinkler, fire hydrant, etc.)
- Maximum hydrant lead length is 50'.
- Water will have to be looped around the building.
- All commercial sewer connections must be made by a proposed or existing manhole.
- There is an existing 8" water main within the site available for use.
- There is an existing 6" sewer connection within the site available for use.
- Water and sanitary sewer and storm sewer must be 10' apart.
- All public utilities must be centered in an easement. Min 20' utility easements.
- Any utility crossings under a roadway must be by dry bore and be steel encased. Open cutting is not allowed.
- Sewer pro-rata of $86.44/acre on 3.35 acres (original lots 19 & 20 of Skyview Country Estates)
- Install the 8" water loop in the fire lane to remove any landscape conflicts.
- The 8" water line isn't installed around the eastern side of the building.

Roadway Paving Items:
- All driveways must meet City and TXDOT spacing requirements.
- All parking, storage, and drive aisles must be steel reinforced concrete. (No rock, gravel, or asphalt allowed)
- No rock, gravel, or asphalt allowed in any area.
- All Parking to be 20'x9' minimum.
- Parallel parking spaces are minimum 22'x9'
- No dead-end parking allowed without an approved City turnaround, 15'x64' striped no parking area.
- Drive isles to be 24' wide.
- Fire lane (if needed) to have 20' min radius if buildings are less than 30' tall. If any of the buildings are 30' or more, the fire lane will be 30' radius minimum.
- Fire lane (if needed) to be in a platted easement.
- Drainage culverts for driveways (if needed) will need to be engineered.
- A TXDOT permit will be required for any driveway modifications along FM 552.

Landscaping:
- No trees to be with 10' of any public water, sewer or storm line that is 10" in diameter or larger.
- No trees to be with 5' of any public water, sewer, or storm line that is less than 10".
- No landscape berms or tree plantings shall be located on top of City utilities or within easements.

NOTE:

LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:

RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:

SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:

WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

ROCKWALL SITE PLAN CASE No. _____

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS _____ DAY OF _____, 2025

_____ PLANNING & ZONING COMMISSION, CHAIR

_____ PLANNING DIRECTOR

No.	DESCRIPTION	DATE

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

PRELIMINARY
FOR PRELIMINARY REVIEW, PERMIT, OR PRICING PURPOSES ONLY.

PREPARED BY:
GRAYSON K. HUGHES, PE

SITE PLAN

RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER
2024.011
DRAWING DATE
2025.06.13
SCALE
1"=40'
DESIGNED BY
GKH

SHEET NUMBER
C1.0

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO.

NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($100.00 + $15.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($200.00 + $15.00 ACRE) [1]
- ☐ FINAL PLAT ($300.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($300.00 + $20.00 ACRE) [1]
- ☐ AMENDING OR MINOR PLAT ($150.00)
- ☐ PLAT REINSTATEMENT REQUEST ($100.00)

SITE PLAN APPLICATION FEES:
- ☒ SITE PLAN ($250.00 + $20.00 ACRE) [1]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($100.00)

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($200.00 + $15.00 ACRE) [1]
- ☐ SPECIFIC USE PERMIT ($200.00 + $15.00 ACRE) [1 & 2]
- ☐ PD DEVELOPMENT PLANS ($200.00 + $15.00 ACRE) [1]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($75.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS ($100.00) [2]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A $1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	1362 FM Road 552				
SUBDIVISION	Skyview Country Estates No. 3		LOT	28	BLOCK
GENERAL LOCATION	Northeast corner of FM Road 552 and Breezy Hill Lane				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	General Retail		CURRENT USE	Worship Center	
PROPOSED ZONING	General Retail		PROPOSED USE	Worship Center	
ACREAGE	7.05	LOTS [CURRENT]	1	LOTS [PROPOSED]	1

☒ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Ridgeview Church	☒ APPLICANT	Sutherland King Consulting, LLC
CONTACT PERSON	Felix Tan	CONTACT PERSON	Grayson Hughes
ADDRESS	1362 FM Road 552	ADDRESS	6430 Meadowcreek Drive
CITY, STATE & ZIP	Rockwall, TX 75087	CITY, STATE & ZIP	Dallas, TX 75254
PHONE	[redacted]	PHONE	[redacted]
E-MAIL	[redacted]	E-MAIL	[redacted]

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Felix Tan [*OWNER*] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ 410.00 *, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE* 13th *DAY OF* June *, 2025. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."*

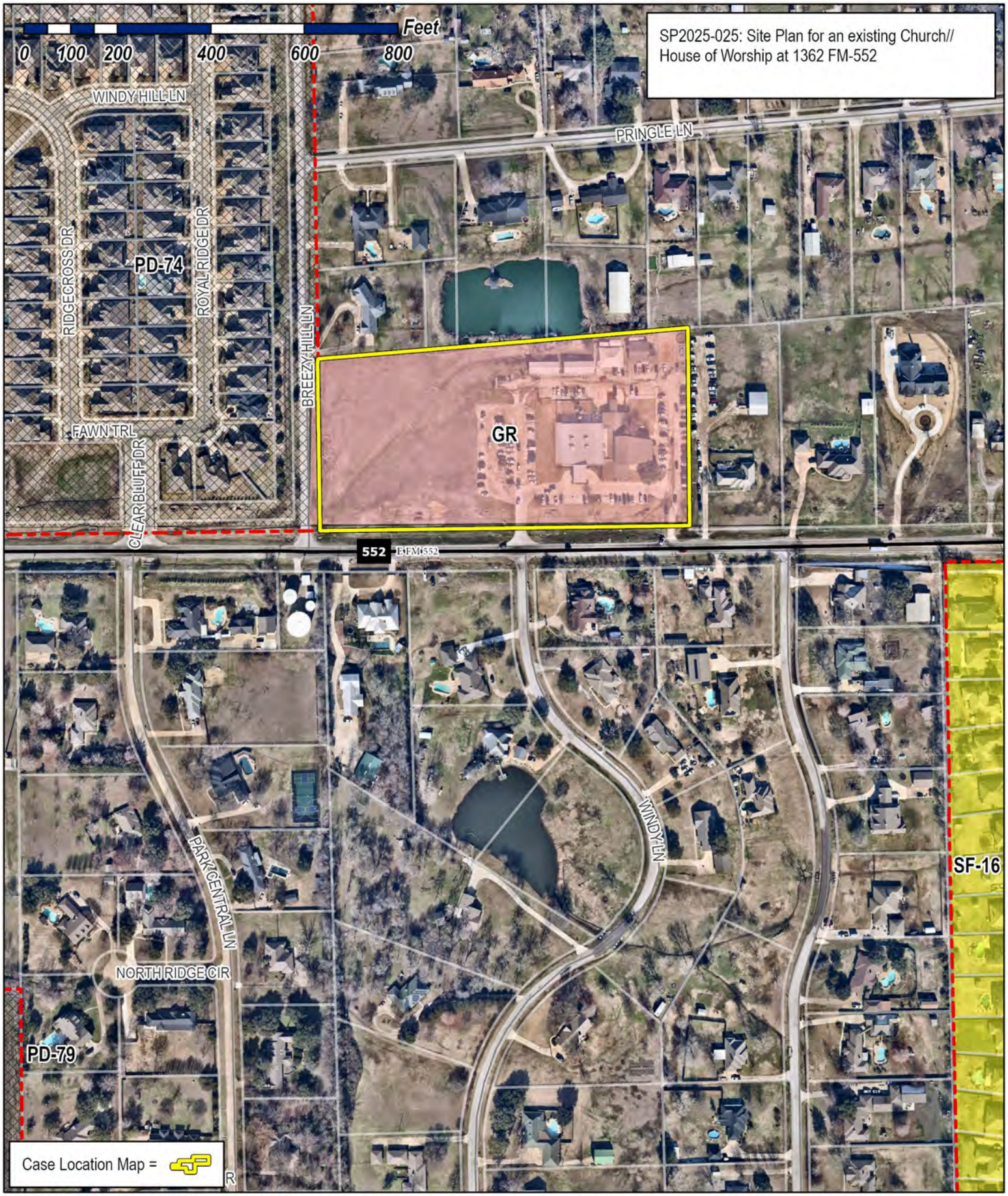
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 12th *DAY OF* June *, 20* 25.

OWNER'S SIGNATURE Felix Tan

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

NATASHA C CHANG YEN
Notary Public
State of Texas
ID # 135502636
My Comm. Expires 04-21-2029

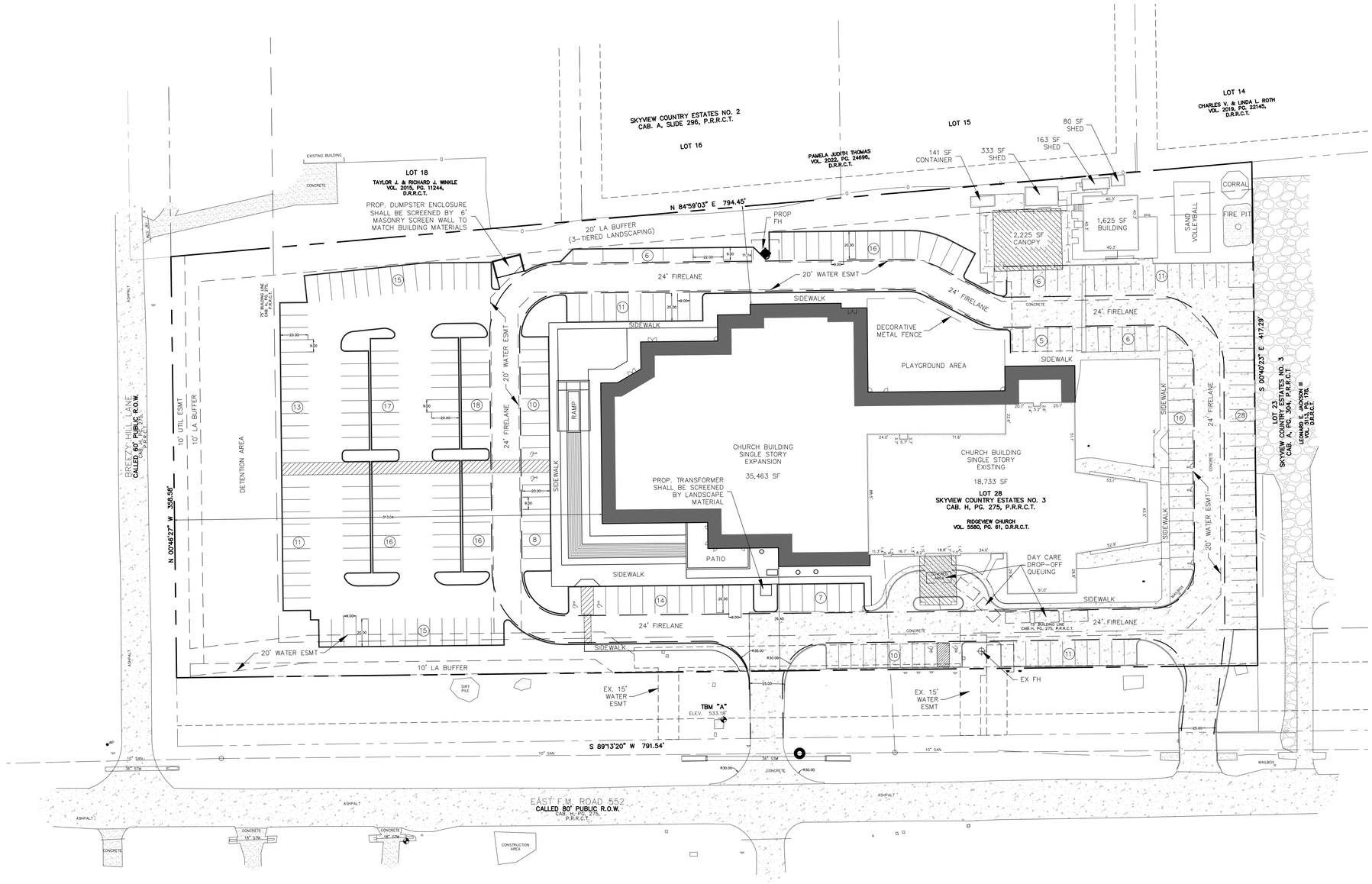
MY COMMISSION EXPIRES

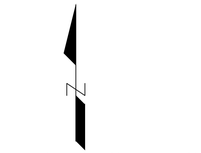


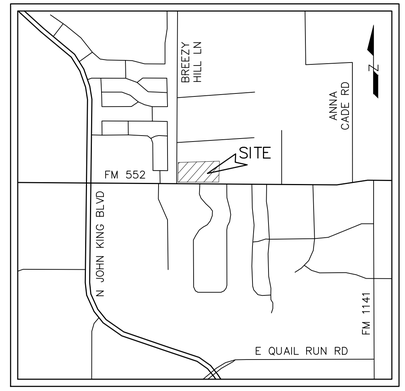
City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.







VICINITY MAP
N.T.S.

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

NOTE:
1. THE PROPOSED BUILDING EXPANSION SHALL BE ARCHITECTURALLY COMPATIBLE IN MATERIALS AND ARCHITECTURAL ELEMENTS TO THE EXISTING CHURCH FACILITY.
2. PROPOSED PARKING STALLS ARE MEASURED TO 9 FOOT WIDTH BY 20 FOOT LENGTH.
3. FIRELANE SHALL BE 6" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. PARKING AREAS SHALL BE 5" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. DUMPSTER PAD SHALL BE 7" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
4. ANY ROOF MOUNTED EQUIPMENT SHALL BE SCREENED EITHER BY MOUNTED SCREENS OR BY ROOF PARAPET.

NOTE:

LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:

RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:

SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:

WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

ROCKWALL SITE PLAN CASE No. _____

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS _____ DAY OF _____, 2025

_____ PLANNING & ZONING COMMISSION, CHAIR

_____ PLANNING DIRECTOR

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

PRELIMINARY
FOR PRELIMINARY REVIEW, PERMIT, OR PRICING PURPOSES ONLY.

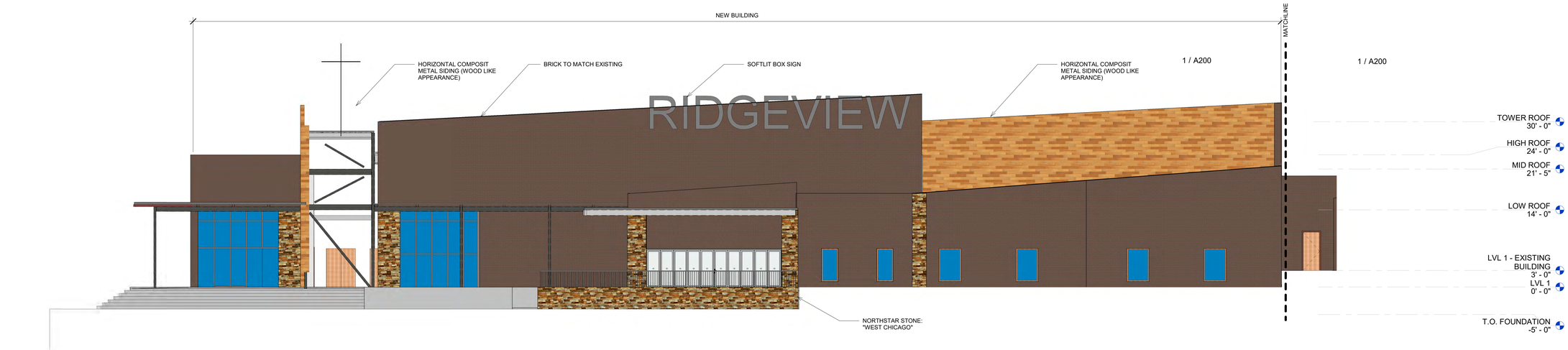
PREPARED BY:
GRAYSON K. HUGHES, PE

SITE PLAN

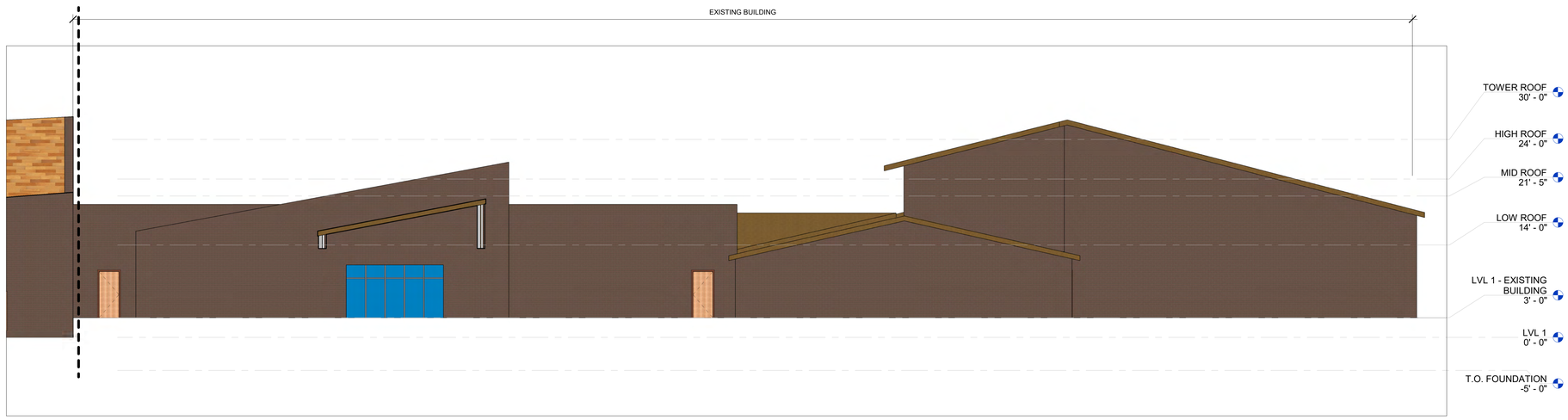
RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER	2024.011
DRAWING DATE	2025.06.13
SCALE	1"=40'
DESIGNED BY	GKH

SHEET NUMBER
C1.0



2 South - NEW BUILDING
1/8" = 1'-0"



1 South - EXISTING BUILDING
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

TEXAS FIRM NO: F-2612 | 2715 E. STONE ROAD, WYLIE, TEXAS 75098

OLER SENTZ

REGISTERED ARCHITECT MARK J SENTZ 24671 STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

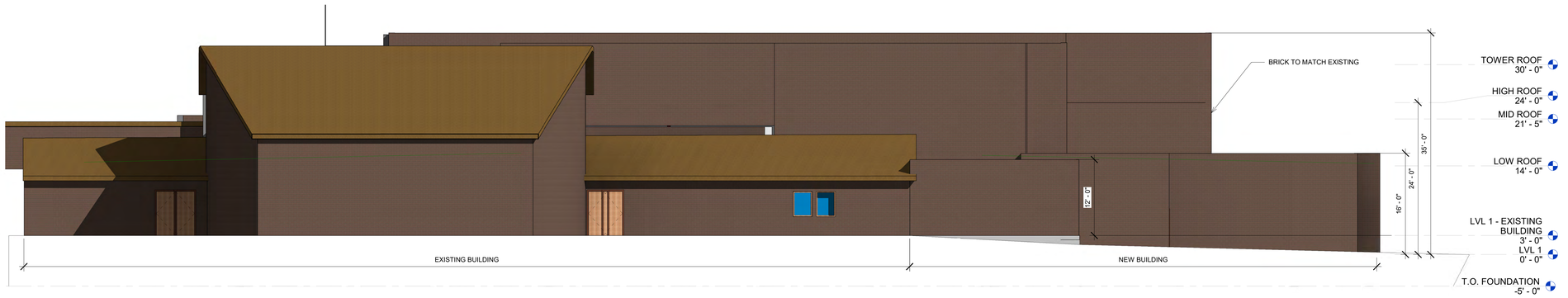
SHEET TITLE:
ELEVATIONS SOUTH FACE

A200

SCALE: 1/8" = 1'-0"



4 West
1/8" = 1'-0"



3 East
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098
TEXAS FIRM NO: F-26123

REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

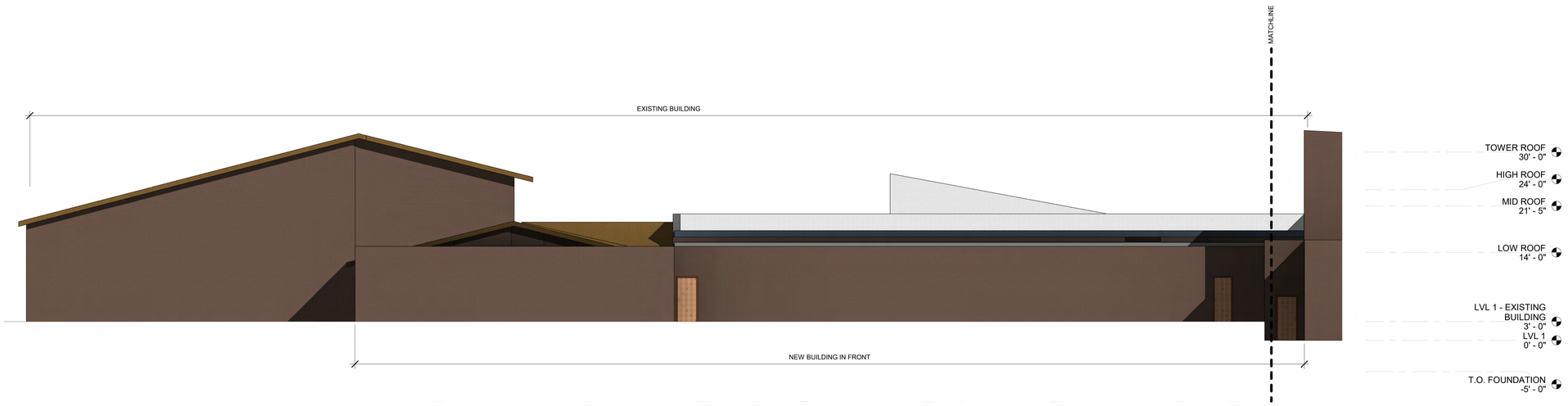
SHEET TITLE:
ELEVATIONS (EAST AND WEST)

A201

SCALE: 1/8" = 1'-0"



2 North - NEW BUILDING
1/8" = 1'-0"



1 North - EXISITNG BUILDING
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

TEXAS FIRM NO: F-2612
OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098

REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

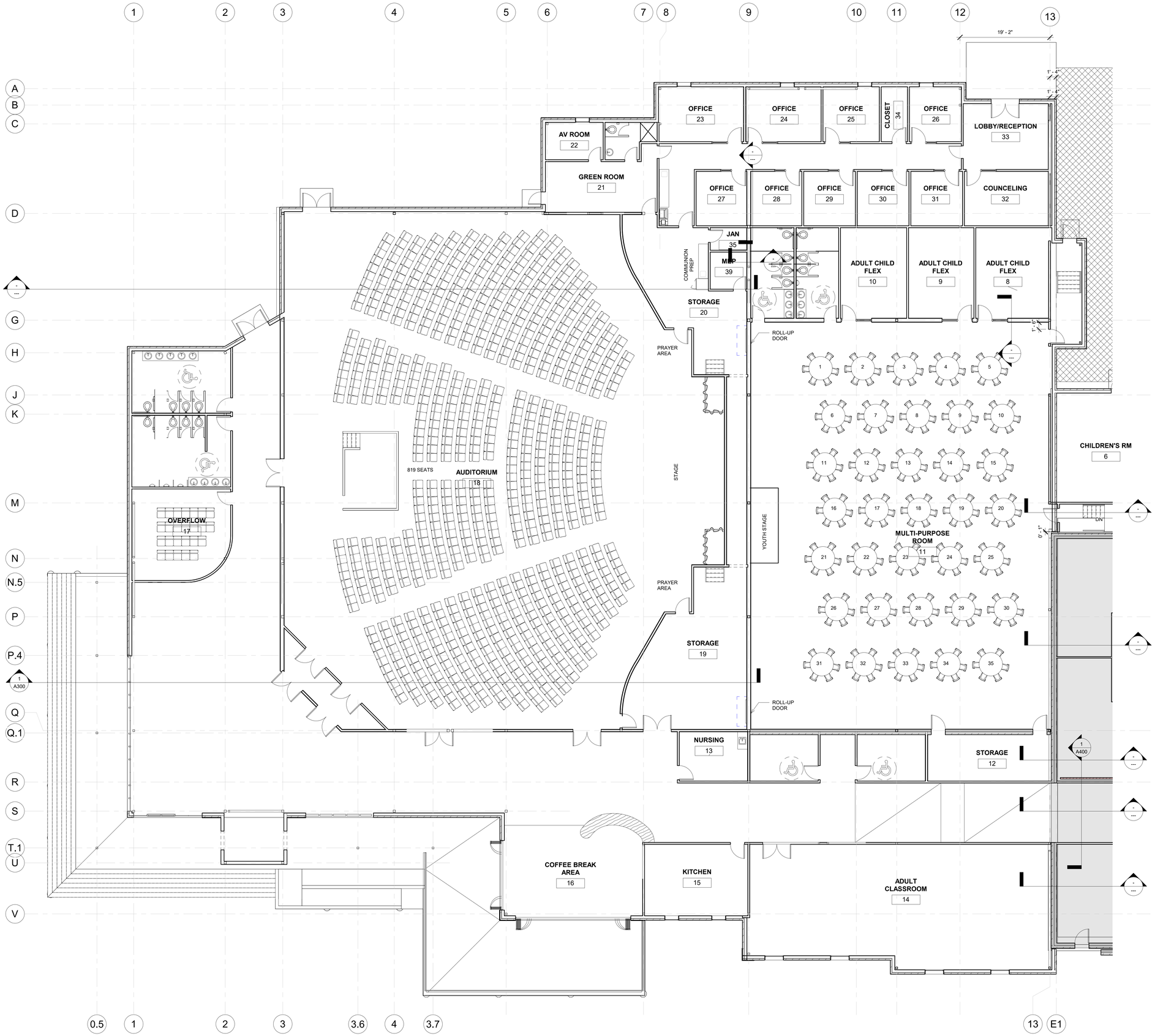
SHEET TITLE:
ELEVATIONS NORTH FACE

A202

SCALE: 1/8" = 1'-0"

CHILDREN'S INDOOR SPACE NOTES:
1) 30 SF/CHILD OF INDOOR ACTIVITY SPACE
2) 18-MO OLD CHILDREN MUST HAVE SEPERATE SPACES
3) 1-SINK / 17 CHILDREN OVER 18-MO OLD
4) 1-SINK IN EACH DIAPER CHANGING LOCATION

CHILDREN'S OUTDOOR SPACE NOTES:
3) 80 SF/CHILD OF OUTDOOR SPACE USING OUTDOOR SPACE AT A GIVEN TIME (MIN 25% OF CHILD CAPACITY)
4) 4' FENCE AROUND OUTDOOR PLAY SPACE
5) 2 EXITS REQ'D (ONE TO THE INSIDE AND ONE OUT TO THE OPEN)



1 LVL 1
1/8" = 1'-0"

ISSUE/ REVISION | DATE | NO.

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
LEVEL 1 EXPANSION PLAN

A100

SCALE: 1/8" = 1'-0"



1 LVL 1 CONT
1/8" = 1'-0"

ISSUE/ REVISION

NO.

DATE

TEXAS FIRM NO: F-26123
OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098

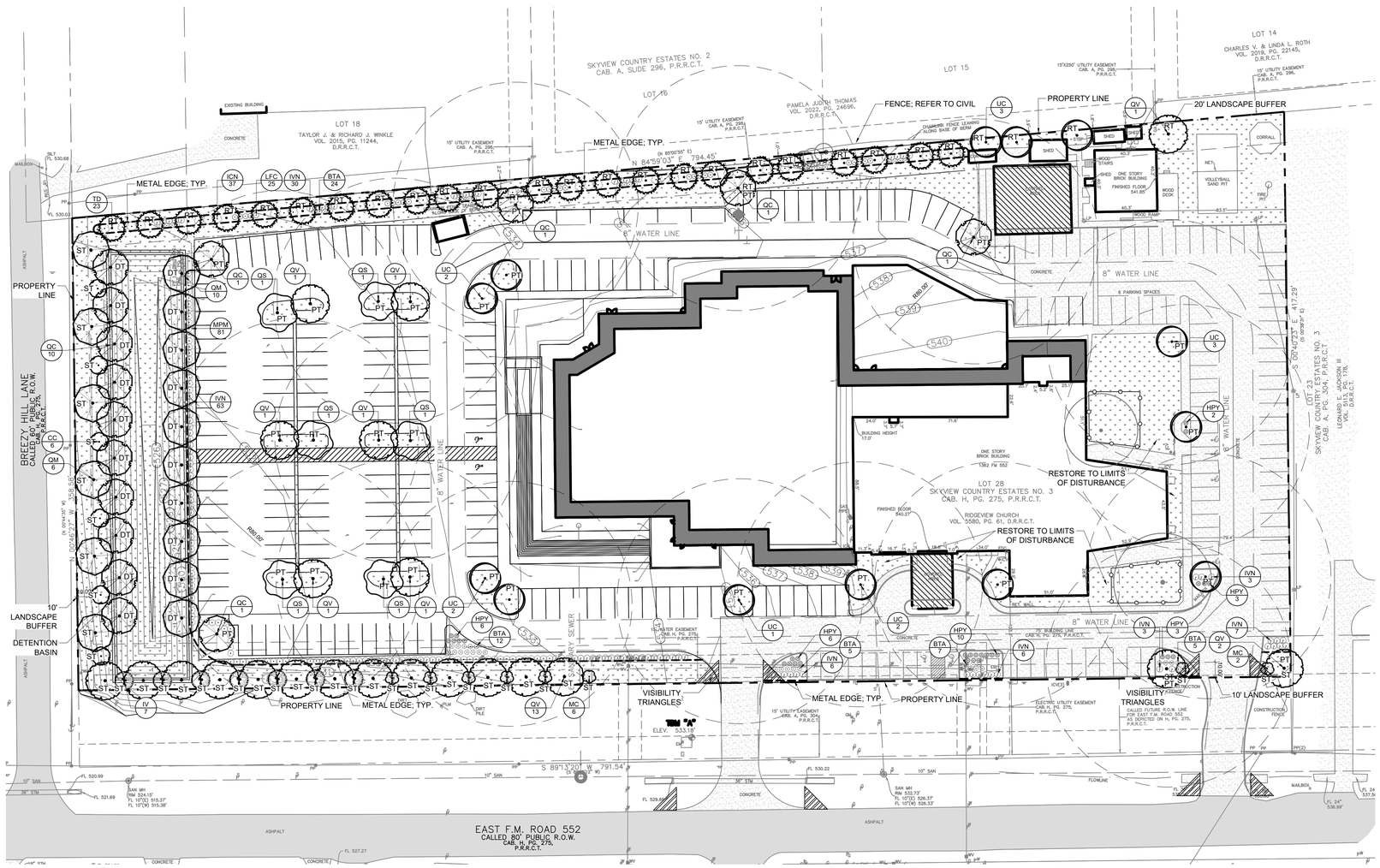
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

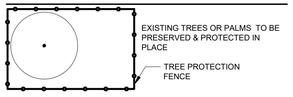
SHEET TITLE:
LEVEL 1 EXPANSION PLAN CONT.

A100-B

SCALE: 1/8" = 1'-0"



LEGEND



ST - STREET FRONTAGE BUFFER TREE
PT - PARKING LOT TREE
RT - RESIDENTIAL LANDSCAPE BUFFER TREE

LANDSCAPE CALCULATIONS / STANDARDS

ARTICLE 08: LANDSCAPE STANDARDS
05.01 LANDSCAPE BUFFERS - NON-RESIDENTIAL

REQ. ABUTTING A PUBLIC RIGHT-OF-WAY:	*10' WIDE LANDSCAPE BUFFER W/ GROUND COVER, BERM, AND SHRUBBERY 30" HIGH, 1 CANOPY TREE & 1 ACCENT TREE PER 50 LF OF FRONTAGE.*
E FM RD 552:	725' LF
CANOPY TREES REQUIRED:	15 CANOPY TREES
CANOPY TREES PROVIDED:	**15 CANOPY TREES**
ACCENT TREES PROVIDED:	15 ACCENT TREES
ACCENT TREES PROVIDED:	**15 ACCENT TREES**
ENHANCED LANDSCAPING:	***EXTRA SHRUBS PROVIDED***
BREEZY HILL LN:	308' LF
CANOPY TREES REQUIRED:	6 CANOPY TREES
CANOPY TREES PROVIDED:	**6 CANOPY TREES**
ACCENT TREES PROVIDED:	6 ACCENT TREES
ACCENT TREES PROVIDED:	**6 ACCENT TREES**

05.02, 05.06 LANDSCAPE SCREENING

STREET FRONTAGE SCREENING:	
REQ. HEADLIGHT SCREENING:	*HEAD-IN PARKING ADJ. TO STREETS & RESIDENTIAL DISTRICTS SHALL INCORP. MIN. 36" EVERGREEN SHRUBS ALONG ENTIRE PARKING AREAS.*
PROVIDED SCREENING (STREET):	**36" HT. EVERGREEN PLANTING**
RESIDENTIAL SCREENING:	*3-TIER LANDSCAPING: MIN 15'+ LANDSCAPE BUFFER, MIN. 6' FENCE, 1 TREE PER 40 LF, 1 LARGE SHRUB PER 10 LF, & TURF GROUNDCOVER*
PROVIDED SCREENING (RESIDENTIAL):	**20' LANDSCAPE BUFFER** 795' LF (NORTH), 369' LF (EAST) = 1,164' LF
FENCE OR BERM PROVIDED:	**FENCE; REFER TO CIVIL**
CANOPY TREES REQUIRED:	29 CANOPY TREES
CANOPY TREES PROVIDED:	**29 CANOPY TREES**
LARGE SHRUBS REQUIRED:	116 LARGE SHRUBS
LARGE SHRUBS PROVIDED:	**116 LARGE SHRUBS**

05.03, 05.09, 5.12 LANDSCAPE REQUIREMENTS - GENERAL RETAIL

TOTAL SITE AREA:	**307,196 SF** (7.03 AC)
LANDSCAPE AREA REQUIRED, TOTAL SITE:	46,079 SF (15%)
LANDSCAPE PROVIDED, TOTAL SITE:	**67,761 SF (22%)**
LOCATION OF LANDSCAPING:	*MIN. 50% OF REQ. LANDSCAPING SHALL BE LOCATED IN THE FRONT OF & ALONG THE SIDE OF BUILDINGS W/ STREET FRONTAGE.*
MIN. SIZE OF AREAS:	*ALL REQ. LANDSCAPING SHALL BE NO LESS THAN 5' WIDE AND A MIN. OF 25 SF IN AREA.*
PARKING LOT LANDSCAPING:	*MIN. 5% OR 200 SF OF LANDSCAPING, WHICHEVER IS GREATER, IN THE INTERIOR OF THE PARKING LOT. IF OVER 20,000 SF: 1 TREE PER 10 SPACES REQ. 1 TREE WITHIN 80' OF EACH PARKING SPACE REQ.*
PROPOSED PARKING AREA:	**±107,486 SF**
REQ. PARKING LOT LANDSCAPING:	5,374 SF (5%)
PROPOSED PARKING LOT LANDSCAPING;	**8,251 SF (8%)**
PARKING LOT SPACES PROPOSED:	286 SPACES
CANOPY TREES REQUIRED:	29 CANOPY TREES
CANOPY TREES PROVIDED:	**29 CANOPY TREES**
1 TREE WITHIN 80' OF EACH SPACE:	**PROVIDED**
DETENTION BASIN SITE AREA:	**14,608 SF**
CANOPY TREES REQUIRED:	20 CANOPY TREES *(1 PER 750 SF)*
CANOPY TREES PROVIDED:	**20 CANOPY TREES**
NATIVE GRASSES:	**PROVIDED**

ARTICLE 09: TREE PRESERVATION
06: TREE REPLACEMENT AND PLANTING REQUIREMENTS

MITIGATION REQUIRED:	0"
MITIGATION PROVIDED:	0"

07: TREE REPLACEMENT CREDITS
ALL REPLACEMENT TREES SHALL BE A MIN. 4" CALIPER.

NOTE: REFER TO TD PLANS FOR MORE INFORMATION.

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED), IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

PLANTING & IRRIGATION GUARANTEE

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE THAT ALL NEWLY INSTALLED AND EXISTING PLANTS SHALL SURVIVE FOR ONE YEAR AFTER FINAL OWNER ACCEPTANCE OF THE INSTALLATION WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR APPROPRIATE WATERING OF THE LANDSCAPE THROUGH INSTALLATION OF A PROPERLY DESIGNED IRRIGATION SYSTEM. THE OWNER SHALL APPROVE THE SYSTEM DESIGN BEFORE INSTALLATION OF PLANTS OR IRRIGATION.

IRRIGATION CONCEPT

1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR.
2. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE.
3. ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED. SODDED AND SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD COVERAGE.
4. ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.
6. ALL IRRIGATION SHALL MEET THE REQUIREMENTS OF THE CITY OF ROCKWALL'S UDC (SUBSECTION 05.04, OF ARTICLE 08)

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
ACCENT TREE						
	CC	Cercis canadensis texensis	Texas Redbud	6` Ht.	6	Deciduous | Preferred
	IV	Ilex vomitoria	Yaupon Holly	6` Ht.	7	Evergreen | Preferred
	MC	Myrica cerifera	Wax Myrtle	6` Ht.	8	Evergreen | Preferred
CANOPY TREES						
	QM	Quercus macrocarpa	Burr Oak	3` Cal.	16	6` MIN. HT. Deciduous | Preferred
	QC	Quercus muehlenbergii	Chinkapin Oak	3` Cal.	15	6` MIN. HT. Deciduous | Preferred
	QS	Quercus shumardii	Shumard Oak	3` Cal.	6	6` MIN. HT. Deciduous | Preferred
	QV	Quercus virginiana	Southern Live Oak	3` Cal.	22	6` MIN. HT. Deciduous | Preferred
	TD	Taxodium distichum	Bald Cypress	3` Cal.	23	6` MIN. HT. Deciduous | Preferred
	UC	Ulmus crassifolia	Cedar Elm	3` Cal.	13	6` MIN. HT. Deciduous | Preferred

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
SHRUBS						
	BTA	Berberis thunbergii 'Atropurpurea Nana'	Dwarf Red Leaf Japanese Barberry	5 gal.	53	
	HPY	Hesperaloe parviflora	Red Yucca	5 gal.	30	24" HT. MIN. Evergreen
	IGN	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	5 gal.	37	
	IVN	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	5 gal.	118	24" HT. MIN. Evergreen
	LFC	Leucophyllum frutescens 'Compacta'	Compact Texas Sage	5 gal.	25	
	MPM	Myrica pusilla	Dwarf Wax Myrtle	5 gal.	81	24" HT. MIN. Evergreen
SOD/SEED						
	TRF	Cynodon dactylon x transvaalensis 'DT-1'	TifTuff™ Bermudagrass	sod	56,580 sf	Preferred

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

0 40' 80'
1" = 40'-0"

NORTH

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.6630
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

06/12/2025

LANDSCAPE PLAN

RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

PROJECT NUMBER
2024.011

DRAWING DATE
2025.06.12

SCALE
AS NOTED

DESIGNED BY

SHEET NUMBER
LP-1

PLANTING SPECIFICATIONS

GENERAL

A. QUALIFICATIONS OF LANDSCAPE CONTRACTOR
   1. ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM SPECIALIZING IN LANDSCAPE PLANTING.
   2. A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES.
   3. THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID NURSERY AND FLORAL CERTIFICATE ISSUED BY THE TEXAS DEPARTMENT OF AGRICULTURE, AS WELL AS OPERATE UNDER A COMMERCIAL PESTICIDE APPLICATOR LICENSE ISSUED BY EITHER THE TEXAS DEPARTMENT OF AGRICULTURE OR THE TEXAS STRUCTURAL PEST CONTROL BOARD.

B. SCOPE OF WORK
   1. WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HEREIN AND / OR SHOWN ON THE LANDSCAPE PLANS, NOTES, AND DETAILS.
   2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS.
   3. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

PRODUCTS

A. ALL MANUFACTURED PRODUCTS SHALL BE NEW.
B. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:
   1. FURNISH NURSERY-GROWN PLANTS COMPLYING WITH ANSI Z60.1-2014. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE, AND WITH SIMILAR CLIMACTIC CONDITIONS.
   2. ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED ROOTS).
   3. ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTBLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLE JUDGES AS TO THE ACCEPTABILITY OF PLANT MATERIAL.
   4. ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING.
   5. CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREES UP TO AND INCLUDING FOUR INCHES IN CALIPER, AND TWELVE INCHES ABOVE THE ROOT FLARE FOR TREES EXCEEDING FOUR INCHES IN CALIPER.
   6. MULTI-TYRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED FROM THE TOP OF THE ROOT BALL.
   7. ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF THE ROOT BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED, SHALL BE REJECTED.
C. SOD: PROVIDE WELL-ROOTED SOD OF THE VARIETY NOTED ON THE PLANS. SOD SHALL BE CUT FROM HEALTHY, MATURE TURF WITH SOIL THICKNESS OF 3/4" TO 1". EACH PALLET OF SOD SHALL BE ACCOMPANIED BY A CERTIFICATE FROM SUPPLIER STATING THE COMPOSITION OF THE SOD.
D. SEED: PROVIDE BLEND OF SPECIES AND VARIETIES AS NOTED ON THE PLANS, WITH MAXIMUM PERCENTAGES OF PURITY, GERMINATION, AND MINIMUM PERCENTAGE OF WEED SEED AS INDICATED ON PLANS. EACH BAG OF SEED SHALL BE ACCOMPANIED BY A TAG FROM THE SUPPLIER INDICATING THE COMPOSITION OF THE SEED.
E. TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN ½ INCH, FOREIGN MATTER, PLANTS, ROOTS, AND SEEDS.
F. COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8; MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT; 100 PERCENT PASSING THROUGH 3/4-INCH SIEVE; SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENS/M; NOT EXCEEDING 0.5 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO PLANTINGS. NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED.
G. FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROGEN, PHOSPHORUS, POTASSIUM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOIL-TESTING AGENCY (SEE BELOW).
H. MULCH: SIZE AND TYPE AS INDICATED ON PLANS, FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS.
I. WEED FABRIC: 5 OUNCE, WOVEN, NEEDLE-PUNCHED FABRIC, SUCH AS DEWITT PRO5 LANDSCAPE FABRIC (OR APPROVED EQUAL).
J. TREE STAKING AND GUYING
   1. STAKES: 6' LONG GREEN METAL T-POSTS.
   2. GUY AND TIE WIRE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.106 INCH DIAMETER.
   3. STRAP CHAFING GUARD: REINFORCED NYLON OR CANVAS AT LEAST 1-1/2 INCH WIDE, WITH GROMMETS TO PROTECT TREE TRUNKS FROM DAMAGE.
M. STEEL EDGING: PROFESSIONAL STEEL EDGING, 10 GAUGE THICK X 4 INCHES WIDE, FACTORY PAINTED DARK GREEN. ACCEPTABLE MANUFACTURERS INCLUDE COL-MET OR APPROVED EQUAL.
N. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

METHODS

A. SOIL PREPARATION
   1. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST.
   2. SOIL TESTING:
      a. AFTER FINISH GRADES HAVE BEEN ESTABLISHED, CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY FOR THE FOLLOWING: SOIL TEXTURAL CLASS, GENERAL SOIL FERTILITY, pH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL.
      b. CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES.
      c. THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): GENERAL SOIL PREPARATION AND BACKFILL MIXES, PRE-PLANT FERTILIZER APPLICATIONS, AND ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE.
   3. THE CONTRACTOR SHALL INSTALL SOIL AMENDMENTS AND FERTILIZERS PER THE SOILS REPORT RECOMMENDATIONS. ANY CHANGE IN COST DUE TO THE SOIL REPORT RECOMMENDATIONS, EITHER INCREASE OR DECREASE, SHALL BE SUBMITTED TO THE OWNER WITH THE REPORT.
   4. FOR BIDDING PURPOSES ONLY, THE SOIL PREPARATION SHALL CONSIST OF THE FOLLOWING:
      a. TURF: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
         i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
         ii. PREPLANT TURF FERTILIZER (10-20-10 OR SIMILAR, SLOW RELEASE, ORGANIC) - 15 LBS PER 1,000 S.F.
         iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
      b. TREES, SHRUBS, AND PERENNIALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
         i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
         ii. 12-12-12 FERTILIZER (OR SIMILAR, ORGANIC, SLOW RELEASE) - 10 LBS. PER CU. YD.
         iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
         iv. IRON SULPHATE - 2 LBS. PER CU. YD.
   5. CONTRACTOR SHALL ENSURE THAT THE GRADE IN SOD AREAS SHALL BE 1" BELOW FINISH GRADE BEFORE INSTALLING SOIL AMENDMENTS, AND 2" BELOW FINISH GRADE IN SHRUB AREAS BEFORE INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL.
   6. ONCE SOIL PREPARATION IS COMPLETE, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THERE ARE NO DEBRIS, TRASH, OR STONES LARGER THAN 1" REMAINING IN THE TOP 6" OF SOIL.

B. GENERAL PLANTING
   1. REMOVE ALL NURSERY TAGS AND STAKES FROM PLANTS.
   2. EXCEPT IN AREAS TO BE PLANTED WITH ORNAMENTAL GRASSES, APPLY PRE-EMERGENT HERBICIDES AT THE MANUFACTURER'S RECOMMENDED RATE.
   3. TRENCHING NEAR EXISTING TREES:
      a. CONTRACTOR SHALL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES, AND SHALL EXERCISE ALL POSSIBLE CARE AND PRECAUTIONS TO AVOID INJURY TO TREE ROOTS, TRUNKS, AND BRANCHES. THE CRZ IS DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUNK, WITH A RADIUS EQUAL TO 1' FOR EVERY 1" OF TRUNK DIAMETER-AT-BREAST-HEIGHT (4.5' ABOVE THE AVERAGE GRADE AT THE TRUNK).
      b. ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ.
      c. ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-1/2" AND LARGER IN DIAMETER. WHERE TREE ROOTS 1-1/2" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD, TUNNEL UNDER SUCH ROOTS. WRAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLAP AND KEEP MOIST. CLOSE ALL TRENCHES WITHIN THE CANOPY DRIP LINES WITHIN 24 HOURS.
      d. ALL SEVERED ROOTS SHALL BE HAND PRUNED WITH SHARP TOOLS AND ALLOWED TO AIR-DRY. DO NOT USE ANY SORT OF SEALERS OR WOUND PAINTS.

C. TREE PLANTING
   1. TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL, AND TO A DEPTH EQUAL TO THE DEPTH OF THE ROOTBALL LESS TWO TO FOUR INCHES.
   2. SCARIFY THE SIDES AND BOTTOM OF THE PLANTING HOLE PRIOR TO THE PLACEMENT OF THE TREE. REMOVE ANY GLAZING THAT MAY HAVE BEEN CAUSED DURING THE EXCAVATION OF THE HOLE.
   3. FOR CONTAINER AND BOX TREES, TO REMOVE ANY POTENTIALLY GIRDLING ROOTS AND OTHER ROOT DEFECTS, THE CONTRACTOR SHALL SHAVE A 1" LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES JUST BEFORE PLACING INTO THE PLANTING PIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL.
   4. INSTALL THE TREE ON UNDISTURBED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SURROUNDING GRADE.
   5. BACKFILL THE TREE HOLE UTILIZING THE EXISTING TOPSOIL FROM ON-SITE. ROCKS LARGER THAN 1" DIA. AND ALL OTHER DEBRIS SHALL BE REMOVED FROM THE SOIL PRIOR TO THE BACKFILL. SHOULD ADDITIONAL SOIL BE REQUIRED TO ACCOMPLISH THIS TASK, USE STORED TOPSOIL FROM ON-SITE OR IMPORT ADDITIONAL TOPSOIL FROM OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IMPORTED TOPSOIL SHALL BE OF SIMILAR TEXTURAL CLASS AND COMPOSITION IN THE ON-SITE SOIL.
   6. THE TOTAL NUMBER OF TREE STAKES (BEYOND THE MINIMUMS LISTED BELOW) WILL BE LEFT TO THE LANDSCAPE CONTRACTOR'S DISCRETION. SHOULD ANY TREES FALL OR LEAN, THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN THE TREE, OR REPLACE IT SHOULD IT BECOME DAMAGED. TREE STAKING SHALL ADHERE TO THE FOLLOWING GUIDELINES:

a.	1"-2" TREES	TWO STAKES PER TREE
b.	2-1/2"-4" TREES	THREE STAKES PER TREE
c.	TREES OVER 4" CALIPER	GUY AS NEEDED
d.	MULTI-TRUNK TREES	THREE STAKES PER TREE MINIMUM, QUANTITY AND POSITIONS AS NEEDED TO STABILIZE THE TREE

   7. UPON COMPLETION OF PLANTING, CONSTRUCT AN EARTH WATERING BASIN AROUND THE TREE. COVER THE INTERIOR OF THE TREE RING WITH THE WEED BARRIER CLOTH AND TOPDRESS WITH MULCH (TYPE AND DEPTH PER PLANS).

D. SHRUB, PERENNIAL, AND GROUNDCOVER PLANTING
   1. DIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROOTBALL. INSTALL THE PLANT IN THE HOLE. BACKFILL AROUND THE PLANT WITH SOIL AMENDED PER SOIL TEST RECOMMENDATIONS.
   2. INSTALL THE WEED BARRIER CLOTH, OVERLAPPING IT AT THE ENDS. UTILIZE STEEL STAPLES TO KEEP THE WEED BARRIER CLOTH IN PLACE.
   3. WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS, COVERING THE ENTIRE PLANTING AREA.

E. SODDING
   1. SOD VARIETY TO BE AS SPECIFIED ON THE LANDSCAPE PLAN.
   2. LAY SOD WITHIN 24 HOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN.
   3. LAY THE SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS - DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.
   4. ROLL THE SOD TO ENSURE GOOD CONTACT OF THE SOD'S ROOT SYSTEM WITH THE SOIL UNDERNEATH.
   5. WATER THE SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING TO OBTAIN AT LEAST SIX INCHES OF PENETRATION INTO THE SOIL BELOW THE SOD.

G. CLEAN UP
   1. DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION.
   2. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE.

H. INSPECTION AND ACCEPTANCE
   1. UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.
   2. WHEN THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, THE LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24 HOURS.
   3. THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE.

I. LANDSCAPE MAINTENANCE
   1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTING OF PLANTS THAT HAVE SETTLED, MOWING AND AERATION OF LAWNS, WEEDING, RESEEDING AREAS WHICH HAVE NOT GERMINATED WELL, TREATING FOR INSECTS AND DISEASES,REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.
   2. SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL, HEALTHY STAND OF GRASS AT NO ADDITIONAL COST TO THE OWNER.
   3. TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR:
      a. THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
      b. ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
      c. SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING. HYDROMULCHED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH. BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESODDED OR RESEEDED (AS APPROPRIATE) PRIOR TO FINAL ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.

J. WARRANTY PERIOD, PLANT GUARANTEE AND REPLACEMENTS
   1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS, PERENNIALS, SOD, SEEDED/HYDROMULCHED AREAS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE (90 DAYS FOR ANNUAL PLANTS). THE CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY.
   2. AFTER THE INITIAL MAINTENANCE PERIOD AND DURING THE GUARANTEE PERIOD, THE LANDSCAPE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DAMAGE BY HUMAN ACTIONS.

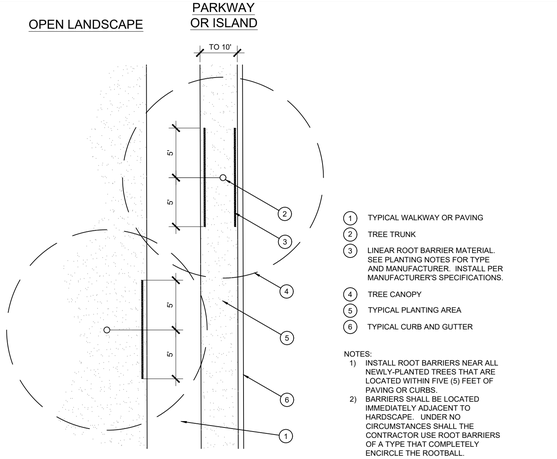
K. PROVIDE A MINIMUM OF (2) COPIES OF RECORD DRAWINGS TO THE OWNER UPON COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.

GENERAL GRADING & PLANTING NOTES

1. BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
3. IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.
   a. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
   b. CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
   c. THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (**BASED ON A SOIL TEST**, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED.
   d. ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   e. ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   f. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
4. ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
   a. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
   b. **NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.** IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
   c. THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL SOLID SOD IN ALL RIGHT-OF-WAYS AND PARKWAYS (UNLESS NOT ALLOWED BY THE LOCAL JURISDICTION) AND SHALL PROVIDE WATERING AND MAINTENANCE UNTIL THE TURF IS ESTABLISHED AND HAS BEEN ACCEPTED BY OWNER.
6. THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.
7. SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

TEXAS ONE CALL

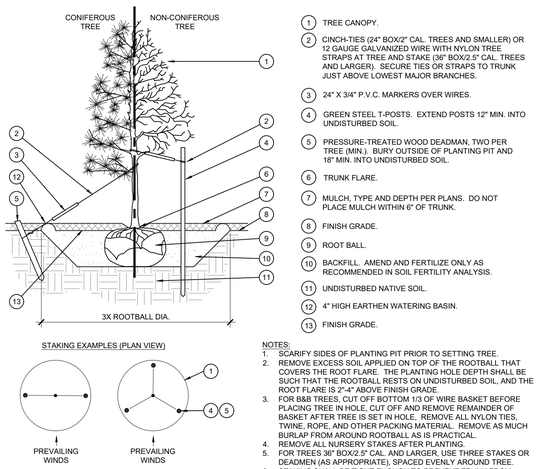
CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES



1. TYPICAL WALKWAY OR PAVING
2. TREE TRUNK
3. LINEAR ROOT BARRIER MATERIAL. SEE PLANTING NOTES FOR TYPE AND MANUFACTURER. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
4. TREE CANOPY
5. TYPICAL PLANTING AREA
6. TYPICAL CURB AND GUTTER

NOTES:
1) INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS.
2) BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

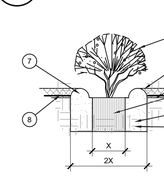
D ROOT BARRIER - PLAN VIEW
SCALE: NOT TO SCALE



1. TREE CANOPY.
2. CINCH-TIES (24" BOX/2" CAL. TREES AND SMALLER) OR 12 GAUGE GALVANIZED WIRE WITH NYLON TREE STRAPS AT TREE AND STAKE (36" BOX/2.5" CAL. TREES AND LARGER). SECURE TIES OR STRAPS TO TRUNK JUST ABOVE LOWEST MAJOR BRANCHES.
3. 24" X 3/4" P.V.C. MARKERS OVER WIRES.
4. GREEN STEEL T-POSTS. EXTEND POSTS 12" MIN. INTO UNDISTURBED SOIL.
5. PRESSURE-TREATED WOOD DEADMAN, TWO PER TREE (MIN.). BURY OUTSIDE OF PLANTING PIT AND 18" MIN. INTO UNDISTURBED SOIL.
6. TRUNK FLARE.
7. MULCH, TYPE AND DEPTH PER PLANS. DO NOT PLACE MULCH WITHIN 6" OF TRUNK.
8. FINISH GRADE.
9. ROOT BALL.
10. BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.
11. UNDISTURBED NATIVE SOIL.
12. 4" HIGH EARTHEN WATERING BASIN.
13. FINISH GRADE.

NOTES:
1. SCARIFY SIDES OF PLANTING PIT PRIOR TO SETTING TREE.
2. REMOVE EXCESS SOIL APPLIED ON TOP OF THE ROOTBALL THAT COVERS THE ROOT FLARE. THE PLANTING HOLE DEPTH SHALL BE SUCH THAT THE ROOTBALL RESTS ON UNDISTURBED SOIL, AND THE ROOT FLARE IS 2"-4" ABOVE FINISH GRADE.
3. FOR B&B TREES, CUT OFF BOTTOM 1/3 OF WIRE BASKET BEFORE PLACING TREE IN HOLE, CUT OFF AND REMOVE REMAINDER OF BASKET AFTER TREE IS SET IN HOLE. REMOVE ALL NYLON TIES, TWINE, ROPE, AND OTHER PACKING MATERIAL. REMOVE AS MUCH BURLAP FROM AROUND ROOTBALL AS IS PRACTICAL.
4. REMOVE ALL NURSERY STAKES AFTER PLANTING.
5. FOR TREES 36" BOX/2.5" CAL. AND LARGER, USE THREE STAKES OR DEADMEN (AS APPROPRIATE), SPACED EVENLY AROUND TREE.
6. STAKING SHALL BE TIGHT ENOUGH TO PREVENT TRUNK FROM BENDING, BUT LOOSE ENOUGH TO ALLOW SOME TRUNK MOVEMENT IN WIND.

A TREE PLANTING
SCALE: NOT TO SCALE



1. SHRUB, PERENNIAL, OR ORNAMENTAL GRASS.
2. MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT C

TREE PROTECTION SPECIFICATIONS

MATERIALS

1. FABRIC: 4 FOOT HIGH ORANGE PLASTIC FENCING AS SHOWN ON THE PLANS AND SHALL BE WOVEN WITH 2 INCH MESH OPENINGS SUCH THAT IN A VERTICAL DIMENSION OF 23 INCHES ALONG THE DIAGONALS OF THE OPENINGS THERE SHALL BE AT LEAST 7 MESHES.
2. POSTS: POSTS SHALL BE A MINIMUM OF 72 INCHES LONG AND STEEL 'T' SHAPED WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAR FOOT.
3. TIE WIRE: WIRE FOR ATTACHING THE FABRIC TO THE T-POSTS SHALL BE NOT LESS THAN NO. 12 GAUGE GALVANIZED WIRE,
4. USED MATERIALS: PREVIOUSLY-USED MATERIALS, MEETING THE ABOVE REQUIREMENTS AND WHEN APPROVED BY THE OWNER, MAY BE USED.

CONSTRUCTION METHODS

1. ALL TREES AND SHRUBS SHOWN TO REMAIN WITHIN THE PROXIMITY OF THE CONSTRUCTION SITE SHALL BE PROTECTED PRIOR TO BEGINNING ANY DEVELOPMENT ACTIVITY.
2. EMPLOY THE SERVICES OF AN ISA (INTERNATIONAL SOCIETY OF ARBORICULTURE) CERTIFIED ARBORIST AND OBTAIN ALL REQUIRED PERMITS TO PRUNE THE EXISTING TREES FOR CLEANING, RAISING AND THINNING, AS MAY BE REQUIRED.
3. PROTECTIVE FENCING SHALL BE ERECTED OUTSIDE THE CRITICAL ROOT ZONE (CRZ, EQUAL TO 1' FROM THE TRUNK FOR EVERY 1" OF DBH) AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE LANDSCAPE CONSULTANT AND/OR CITY ARBORIST, AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. FENCING SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. TREES IN CLOSE PROXIMITY SHALL BE FENCED TOGETHER, RATHER THAN INDIVIDUALLY.
4. PROTECTIVE FENCE LOCATIONS IN CLOSE PROXIMITY TO STREET INTERSECTIONS OR DRIVES SHALL ADHERE TO THE APPLICABLE JURISDICTION'S SIGHT DISTANCE CRITERIA.
5. THE PROTECTIVE FENCING SHALL BE ERECTED BEFORE SITE WORK COMMENCES AND SHALL REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PHASE.
6. THE INSTALLATION POSTS SHALL BE PLACED EVERY 6 FEET ON CENTER AND EMBEDDED TO 18 INCHES DEEP. MESH FABRIC SHALL BE ATTACHED TO THE INSTALLATION POSTS BY THE USE OF SUFFICIENT WIRE TIES TO SECURELY FASTEN THE FABRIC TO THE T-POSTS TO HOLD THE FABRIC IN A STABLE AND UPRIGHT POSITION.
7. WITHIN THE CRZ:
   a. DO NOT CLEAR, FILL OR GRADE IN THE CRZ OF ANY TREE.
   b. DO NOT STORE, STOCKPILE OR DUMP ANY JOB MATERIAL, SOIL OR RUBBISH UNDER THE SPREAD OF THE TREE BRANCHES.
   c. DO NOT PARK OR STORE ANY EQUIPMENT OR SUPPLIES UNDER THE TREE CANOPY.
   d. DO NOT SET UP ANY CONSTRUCTION OPERATIONS UNDER THE TREE CANOPY (SUCH AS PIPE CUTTING AND THREADING, MORTAR MIXING, PAINTING OR LUMBER CUTTING).
   e. DO NOT NAIL OR ATTACH TEMPORARY SIGNS METERS, SWITCHES, WIRES, BRACING OR ANY OTHER ITEM TO THE TREES.
   f. DO NOT PERMIT RUNOFF FROM WASTE MATERIALS INCLUDING SOLVENTS, CONCRETE WASHOUTS, ASPHALT TACK COATS (MC-30 OIL), ETC. TO ENTER THE CRZ. BARRIERS ARE TO BE PROVIDED TO PREVENT SUCH RUNOFF SUBSTANCES FROM ENTERING THE CRZ WHENEVER POSSIBLE, INCLUDING IN AN AREA WHERE RAIN OR SURFACE WATER COULD CARRY SUCH MATERIALS TO THE ROOT SYSTEM OF THE TREE.
8. ROUTE UNDERGROUND UTILITIES TO AVOID THE CRZ. IF DIGGING IS UNAVOIDABLE, BORE UNDER THE ROOTS, OR HAND DIG TO AVOID SEVERING THEM.
9. WHERE EXCAVATION IN THE VICINITY OF TREES MUST OCCUR, SUCH AS FOR IRRIGATION INSTALLATION, PROCEED WITH CAUTION, AND USING HAND TOOLS ONLY.
10. THE CONTRACTOR SHALL NOT CUT ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATION OCCURS NEAR EXISTING TREES. ALL ROOTS LARGER THAN ONE INCH IN DIAMETER ARE TO BE CUT CLEANLY. FOR OAKS ONLY, ALL WOUNDS SHALL BE PAINTED WITH WOUND SEALER WITHIN 30 MINUTES
11. REMOVE ALL TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS BY HAND.
12. TREES DAMAGED OR KILLED DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE AND TO THE PROJECT OWNER'S AND LOCAL JURISDICTION'S SATISFACTION.
13. ANY TREE REMOVAL SHALL BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO ITS REMOVAL, AND THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS FOR SUCH ACTIVITIES.
14. COVER EXPOSED ROOTS AT THE END OF EACH DAY WITH SOIL, MULCH OR WET BURLAP.
15. IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DUING CONSTRUCTION AND WHERE HEAVY TRAFFIC IS ANTICIPATED, COVER THE SOIL WITH EIGHT INCHES OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION. THIS EIGHT INCH DEPTH OF MULCH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
16. WATER ALL TREES IMPACTED BY CONSTRUCTION ACTIVITIES, DEEPLY ONCE A WEEK DURING PERIODS OF HOT DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
17. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.
18. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TREE PROTECTION FENCING WHEN ALL THREATS TO THE EXISTING TREES FROM CONSTRUCTION-RELATED ACTIVITIES HAVE BEEN REMOVED.

TREE PROTECTION GENERAL NOTES

(A) PRIOR TO THE LAND CLEARING STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL CLEARLY MARK ALL PROTECTED TREES FOR WHICH A TREE REMOVAL PERMIT HAS NOT BEEN ISSUED AND SHALL ERECT BARRIERS FOR THE PROTECTION OF THE TREES ACCORDING TO THE FOLLOWING:
   (1) AROUND AN AREA AT OR GREATER THAN A SIX-FOOT RADIUS OF ALL SPECIES OF MANGROVES AND PROTECTED CABBAGE PALMS;
   (2) AROUND AN AREA AT OR GREATER THAN THE FULL DRIPLINE OF ALL PROTECTED NATIVE PINES;
   (3) AROUND AN AREA AT OR GREATER THAN TWO-THIRDS OF THE DRIPLINE OF ALL OTHER PROTECTED SPECIES.

(B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.

(C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.

(D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.

(E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.

(F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE COUNTY ADMINISTRATOR, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.

(G) THE COUNTY ADMINISTRATOR MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.

(H) IF, IN THE OPINION OF THE COUNTY ADMINISTRATOR, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

TREE RELOCATION GUIDELINES

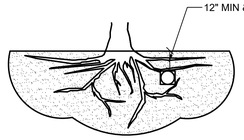
1. TREES SHALL NOT BE UNNECESSARILY DAMAGED DURING REMOVAL, TRANSPORT OR REPLANTING OF THE TREE.
2. IF THE TREE HAS A DORMANT PERIOD, THEY SHOULD BE TRANSPLANTED DURING THAT TIME. TREES SHOULD NOT BE TRANSPLANTED DURING PERIODS OF STRONG WINDS, DRY WINTER WINDS OR DURING DROUGHT.
3. ADEQUATE SPACES FOR ROOT AND CROWN DEVELOPMENT SHALL BE PROVIDED.
4. TREES SHALL BE ROOT AND CANOPY PRUNED IN ACCORDANCE WITH SOUND ARBORICULTURAL STANDARDS PRIOR TO TRANSPLANTING.
5. DURING AND FOLLOWING TRANSPLANTING, THE ROOT BALL AND TRUNK SHALL BE PROTECTED. THE ROOT BALL MUST BE KEPT MOIST AT ALL TIMES.
6. TRANSPLANTED TREES SHALL BE BRACED FOR A MINIMUM OF ONE (1) YEAR.
7. TRANSPLANTED TREES SHALL NOT BE FERTILIZED AT PLANTING TIME, BUT SHALL BE WATERED SUFFICIENTLY UNTIL THE TREE GROWTH IS REESTABLISHED.
8. ALL CROWN PRUNING SHALL BE DONE IN ACCORDANCE WITH "THE AMERICAN NATIONAL STANDARDS INSTITUTE A-300, TREE SHRUB AND OTHER WOODY PLANT MAINTENANCE-STANDARD PRACTICES", AND "Z-133.1 PRUNING, REPAIRING, MAINTAINING AND REMOVING TREES, AND CUTTING BRUSH-SAFETY REQUIREMENTS" OR PALM PRUNING IN ACCORDANCE WITH THE STANDARDS IN, RICHARD HARRIS, "ARBORICULTURE INTEGRATED MANAGEMENT OF LANDSCAPE TREES, SHRUBS AND VINES", AS AMENDED.
9. CONTRACTOR IS RESPONSIBLE FOR REGULAR WATERING AND MAINTENANCE OF TRANSPLANTED TREES DURING STORAGE PERIOD.

TEXAS ONE CALL

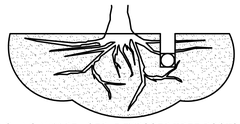
CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS TROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE BASIS BY THE ENGINEER.

TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.



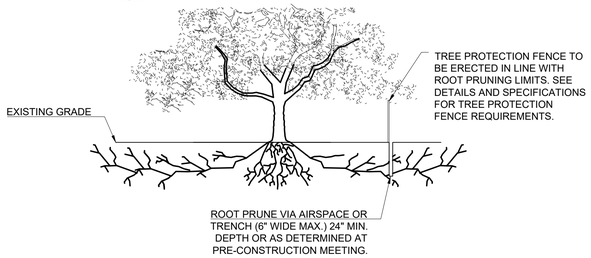
TUNNEL TO MINIMIZE ROOT DAMAGE (TOP) AS OPPOSED TO SURFACE-DUG TRENCHES IN ROOT PROTECTION ZONE WHEN THE 5' MINIMUM DISTANCE FROM TRUNK CAN NOT BE ACHIEVED.



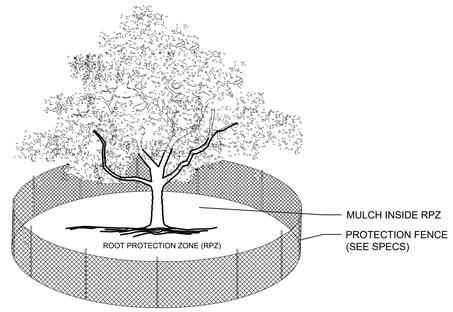
OPEN TRENCHING MAY BE USED IF EXPOSED TREE ROOTS DO NOT EXCEED 3" OR ROOTS CAN BE BENT BACK.

C BORING THROUGH ROOT PROTECTION ZONE
SCALE: NOT TO SCALE

NOTES
1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRE-CONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRE-CONSTRUCTION MEETING AND FLAGGED PRIOR TO ROOT PRUNING.
3. EXACT LOCATION OF ROOT PRUNING SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FORESTRY INSPECTOR .
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FORESTRY INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT. ROT PRUNING METHODS AND MEANS MUST BE IN ACCORDANCE WITH ANSI STANDARD A3000.
6. ALL PRUNING MUST BE EXECUTED AT LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FORESTRY INSPECTOR.
7. SUPPLEMENTAL WATERING MAY BE REQUIRED FOR ROOT PRUNED TREES THROUGHOUT THE GROWING SEASON DURING CONSTRUCTION AND SUBSEQUENT WARRANTY AND MAINTENANCE PERIOD.

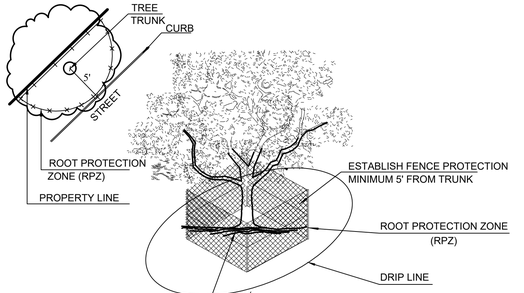


D ROOT PRUNING DETAIL
SCALE: NOT TO SCALE



NOTES:
1. THE FENCING LOCATION SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND BE LIMITED TO PROJECT BOUNDARY. WHERE MULTIPLE ADJACENT TREES WILL BE ENCLOSED BY FENCING, THE FENCING SHALL BE CONTINUOUS AROUND ALL TREES.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

A TREE PROTECTION FENCE
SCALE: NOT TO SCALE



NOTES:
1. OPTION USED FOR TIGHT CONSTRUCTION AREAS OR WHEN CONSTRUCTION OCCURS IN ROOT PROTECTION ZONE.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

B TREE PROTECTION FENCE - TIGHT CONSTRUCTION
SCALE: NOT TO SCALE

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.9610
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING · IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

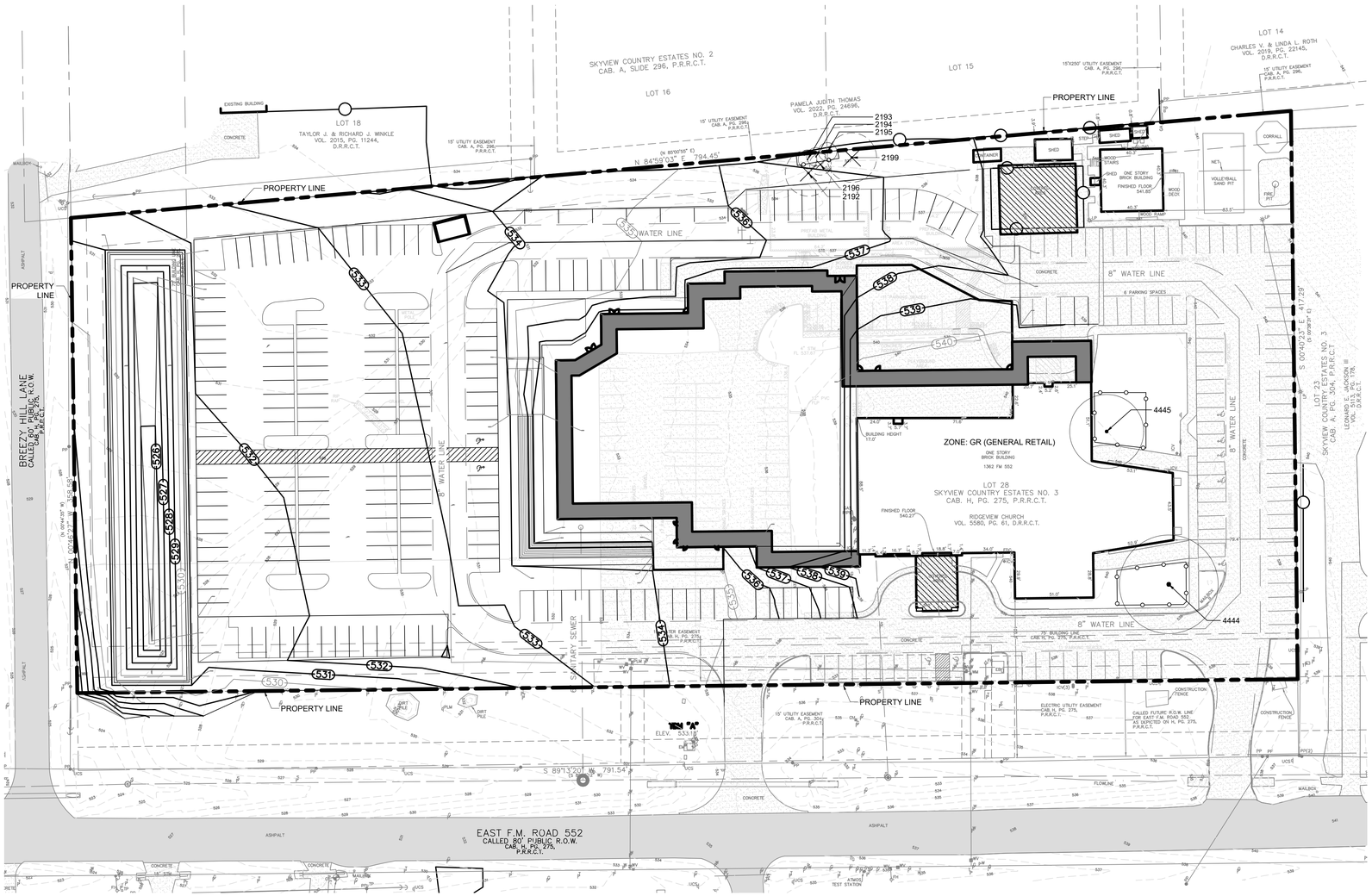
06/12/2025

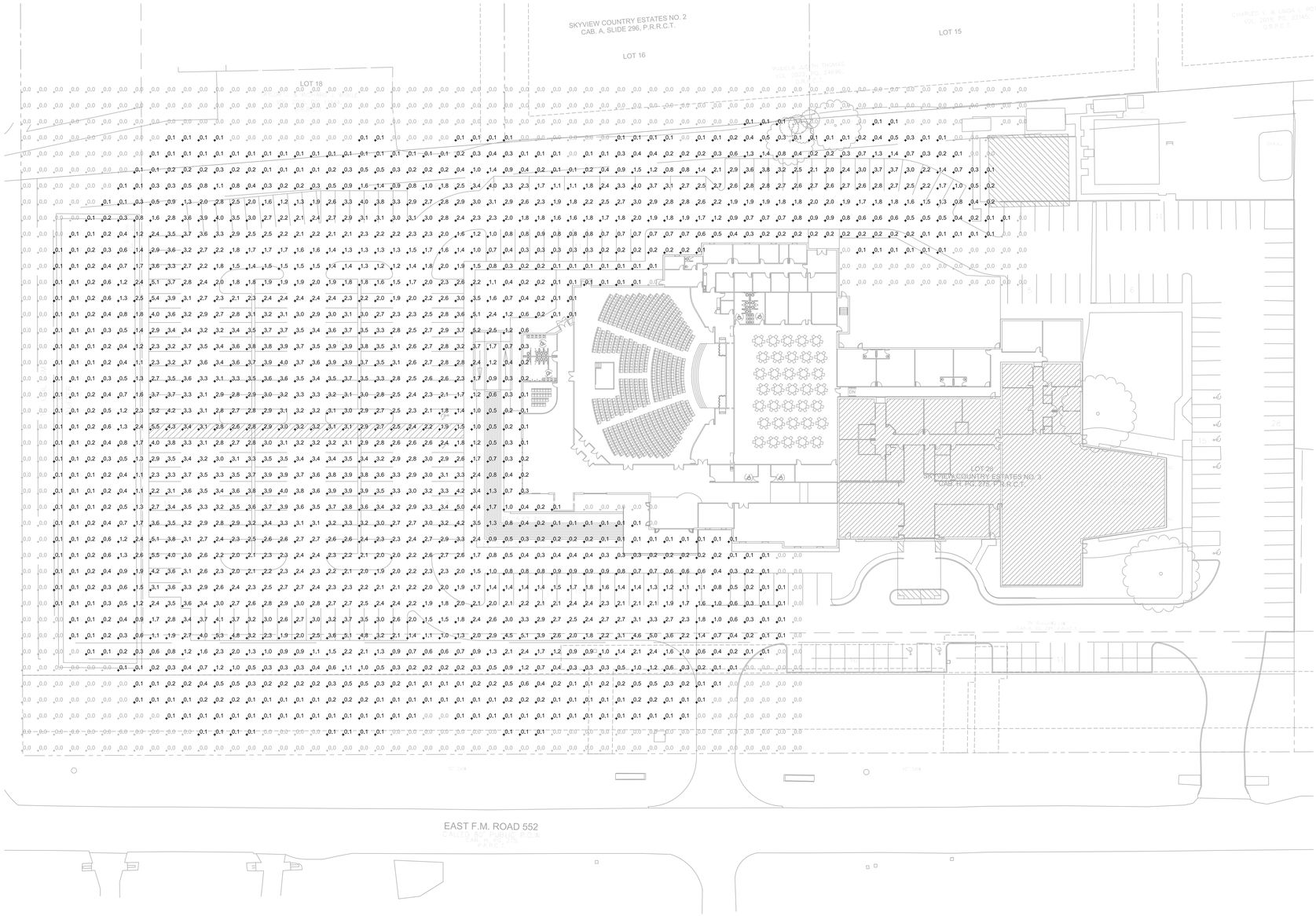
TREE PROTECTION SPECIFICATIONS & DETAILS

RIDGEVIEW CHURCH EXPANSION
1352 FM RD 552, ROCKWALL, TX

PROJECT NUMBER
2024.011
DRAWING DATE
2025.06.12
SCALE
AS NOTED
DESIGNED BY

SHEET NUMBER
TD-2


PROPERTY LINE
LOT 18
TAYLOR J. & RICHARD J. WINKLE
VOL. 2015, PG. 11244,
D.R.R.C.T.
SKYVIEW COUNTRY ESTATES NO. 2
CAB. A, SLIDE 296, P.R.R.C.T.
LOT 16
LOT 15
LOT 14
CHARLES V. & LINDA L. ROTH
VOL. 2019, PG. 22145,
D.R.R.C.T.
PAMELA JUDITH THOMAS
VOL. 2022, PG. 24696,
D.R.R.C.T.
N 84°59'05" E 794.45'
(N 85°00'35" E)
2193
2194
2195
2199
2196
2192
EXISTING BUILDING
CONCRETE
15' UTILITY EASEMENT
CAB. A, PG. 296,
P.R.R.C.T.
15'X250' UTILITY EASEMENT
CAB. A, PG. 296,
P.R.R.C.T.
15' UTILITY EASEMENT
CAB. A, PG. 296,
P.R.R.C.T.
MAILBOX
UCS
BREEZY HILL LANE
CALLED 60' PUBLIC R.O.W.
CAB. H, PG. 275,
P.R.R.C.T.
(N 00°04'25" W)
(S 00°04'25" E)
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572



1 SITE PLAN - PHOTOMETRIC
SCALE: 1" = 30'-0"

ISSUE/ REVISION
DESIGN DEVELOPMENT

NO.	DATE
	05/23/2025

OLER SENTZ
TEXAS FIRM NO: F-24123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

STATE OF TEXAS
STRIDER E. STEELE
108903
LICENSED
ARCHITECT
06/13/2025

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
SITE PLAN - PHOTOMETRIC

E102

SCALE: AS NOTED

V3 CONSULTING ENGINEERS
VIGILANT - VIABLE - VIRTUOUS
TEXAS REGISTRATION # F-20374
V3 PROJECT #: 24080



RSX2 LED
Area Luminaire

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Specifications

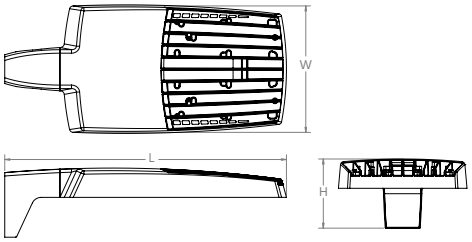
EPA (ft²@0°): 0.69 ft² (0.06 m²)

Length: 29.3" (74.4 cm) (SPA mount)

Width: 13.4" (34.0 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm

Weight (SPA mount): 30.0 lbs (13.6 kg)



design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) [2]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) [3]	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) [4]	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) [6]
	P5		R4S Type 4 Short	120 [3] 277 [5]	WBA Wall bracket [1]
	P6		R5 Type 5 Wide [1]	208 [3] 347 [5]	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short [1]	240 [3] 480 [5]	AASP Adjustable tilt arm square pole mounting [6]
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting [6]
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket [6]
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box [6]

Options

Shipped Installed

HS	House-side shield [7]
PE	Photocontrol, button style [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [9, 10, 11]
SF	Single fuse (120, 277, 347) [5]
DF	Double fuse (208, 240, 480) [5]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [9]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [9]
DS	Dual switching [9,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2 PIRHN	nLight AIR generation 2 ,with Networked, Bi-Level motion/ambient sensor [9, 13, 14, 15]
BAA	Buy America(n) Act and/or Build America Buy America Qualified
CCE	Coastal Construction [16]

*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.

Shipped Separately (requires some field assembly)

EGS	External glare shield [7]
EGFV	External glare full visor (360° around light aperture) [7]
BS	Bird spikes [17]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

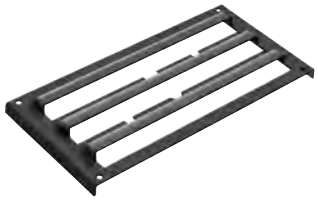
Ordering Information

Accessories
Ordered and shipped separately.

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSAFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U DLL127F 1.5 JU	RSX Surface conduit box (specify finish, for use with WBA, WBA not included) Photocell -SSL twist-lock (120-277V) [18]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [18]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [18]
DSHORT SBK U	Shorting cap [18]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
6 Maximum tilt is 90° above horizontal.
7 It may be ordered as an accessory.
8 Requires MVOLT or 347V.
9 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
10 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P5 and P6.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
17 Must be ordered with fixture for factory pre-drilling.
18 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

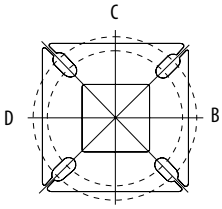


External 360 Full Visor

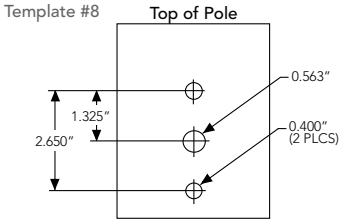
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

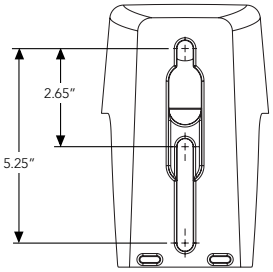
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX2 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

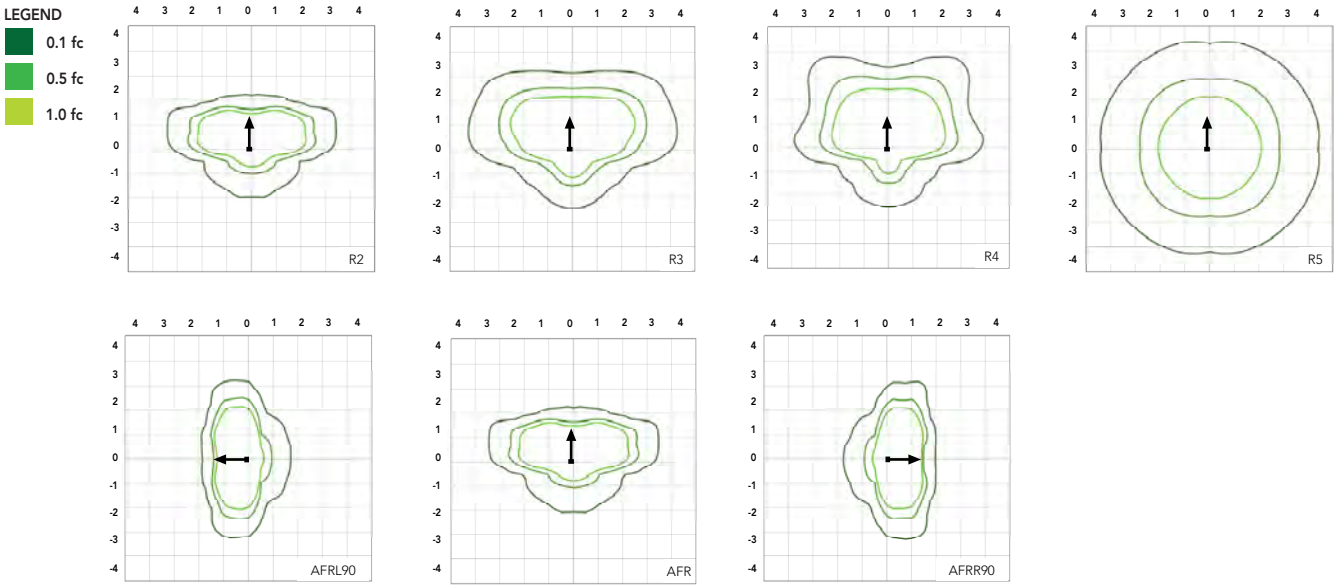
Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
RPA - Round Pole Adaptor		0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84
MA - Mast Arm Adaptor		0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
	90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

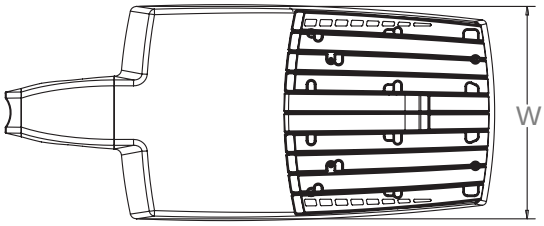
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

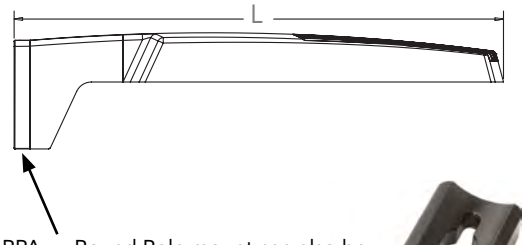
Dimensions & Weights

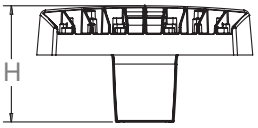
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)





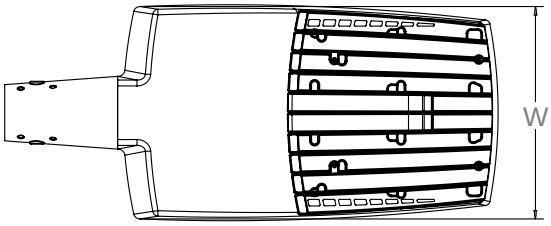


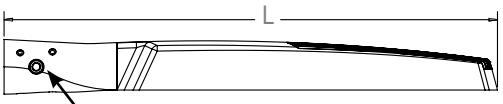
Length: 30.3" (77.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

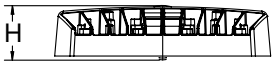
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX2 with Mast Arm Adapter (MA)



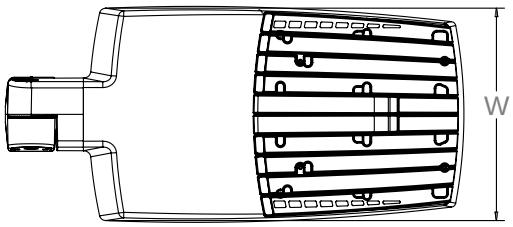


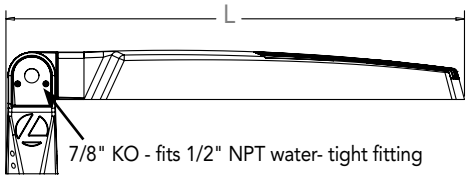


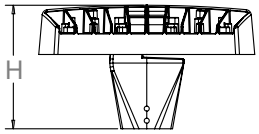
7/16" locking thru bolt/nut provided

Length: 30.6" (77.7 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX2 with Adjustable Slipfitter (IS)







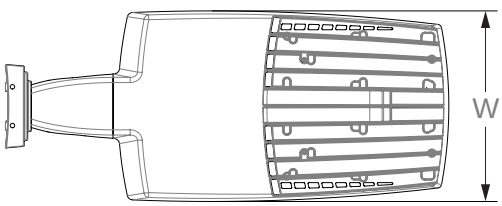
7/8" KO - fits 1/2" NPT water- tight fitting

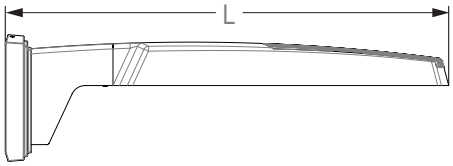
Length: 28.3" (71.9 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

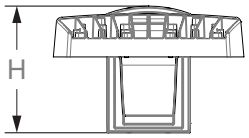
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.acuitybrands.com
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Dimensions

RSX2 with Wall Bracket (WBA)

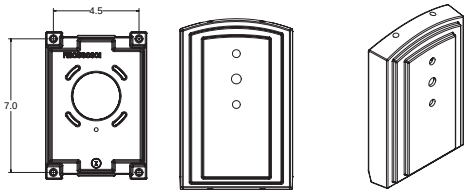




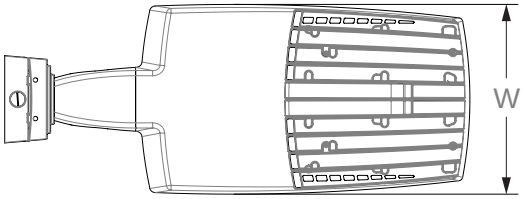


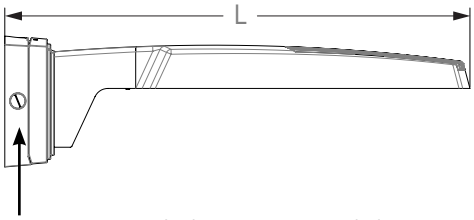
Length: 31.2" (79.2 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

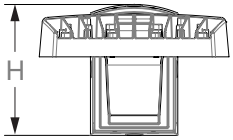


RSX2 with Wall Bracket with Surface Conduit Box (WBASC)



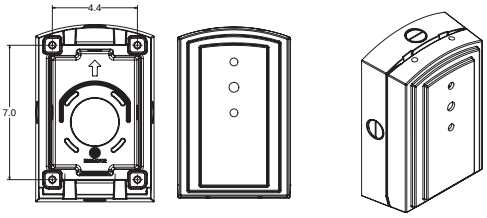


3/4" NPT taps with plugs - Qty (4) provided



Length: 32.8" (83.3 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

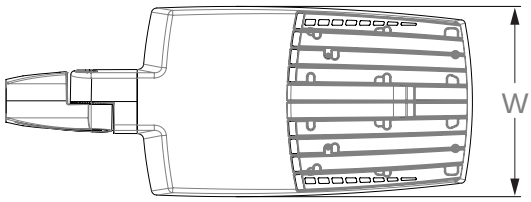
Surface Conduit Box (SCB) Mounting Detail

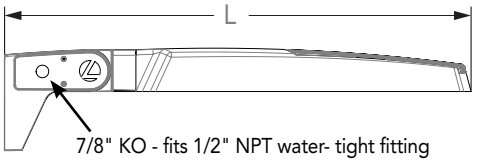


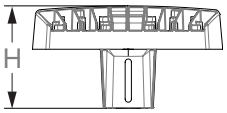
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

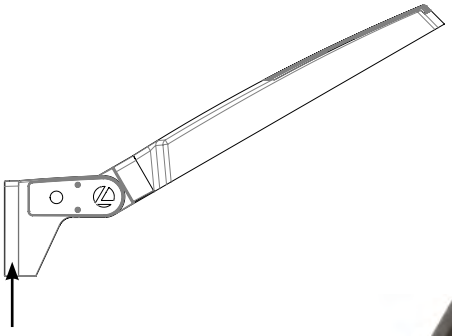
Dimensions

RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 32.8" (83.3 cm) **AASP**
33.8" (85.9 cm) **AARP**
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

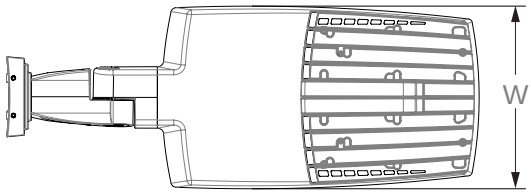


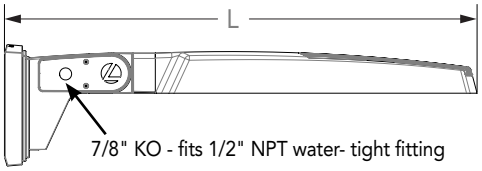
Notes

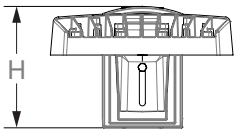
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

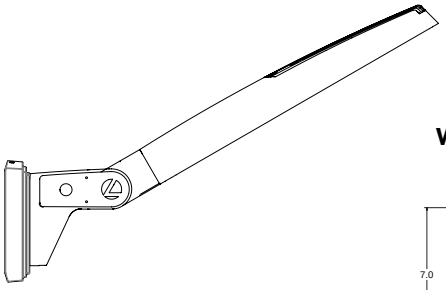
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



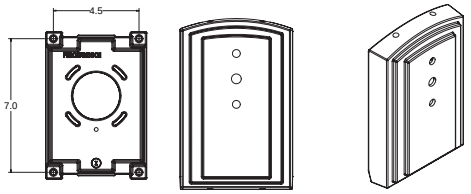






Length: 34.7" (88.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

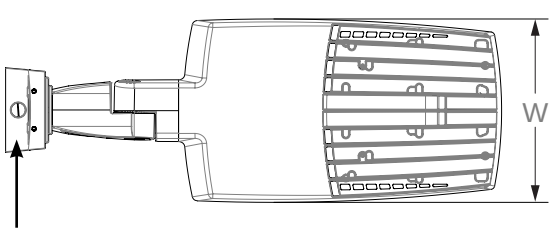
Wall Bracket (WBA) Mounting Detail

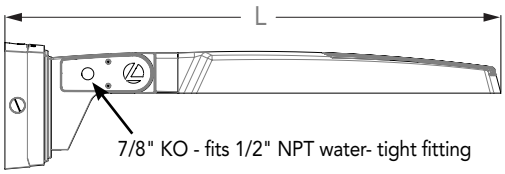


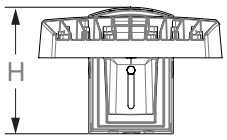
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

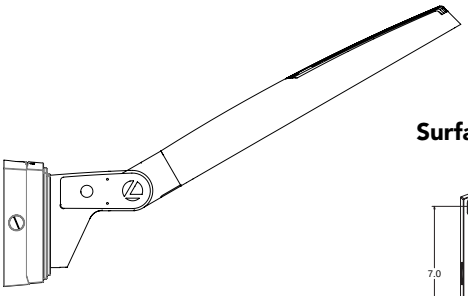
Dimensions

RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



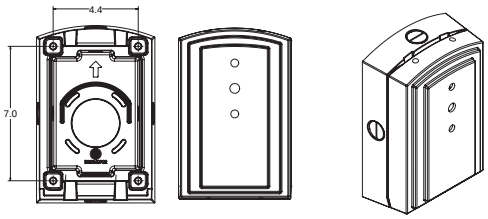




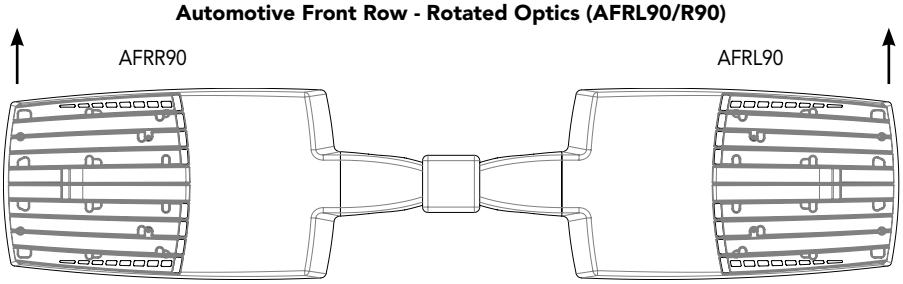


Length: 36.2" (91.9 cm)
Width: 13.4" (40.0 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Automotive Front Row - Rotated Optics (AFRL90/R90)



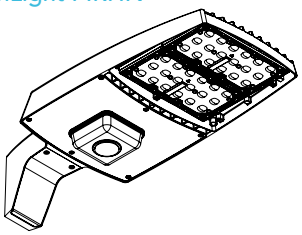
(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

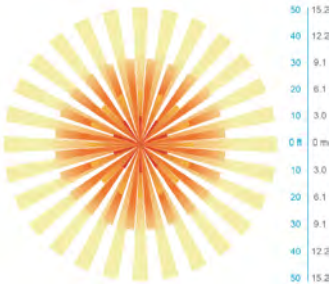
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

nLight Control - Sensor Coverage and Settings

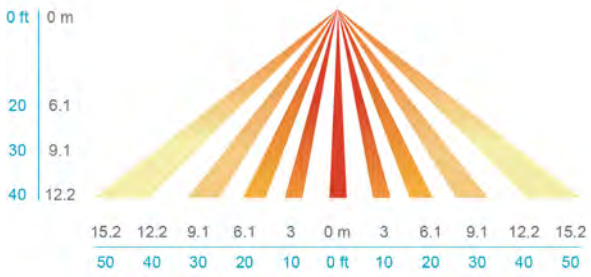
NLTAIR2 PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

COASTAL CONSTRUCTION (CCE)
Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. US Patent No. D882, 146S

GOVERNMENT PROCUREMENT
BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

CITY OF ROCKWALL

PLANNING AND ZONING COMMISSION CASE MEMO

PLANNING AND ZONING DEPARTMENT
385 S. GOLIAD STREET • ROCKWALL, TX 75087
PHONE: (972) 771-7745 • EMAIL: PLANNING@ROCKWALL.COM

TO:	Planning and Zoning Commission
DATE:	July 15, 2025
APPLICANT:	Grayson Hughes; *Sutherland King Consulting, LLC.*
CASE NUMBER:	SP2025-025; *Site Plan for an existing House of Worship (i.e. Ridgeview Church)*

SUMMARY

Discuss and consider a request by Grayson Hughes of Sutherland King Consulting, LLC on behalf of Felix Tan of Ridgeview Church for the approval of a *Site Plan* for the expansion of an existing *Church/House of Worship* (*i.e. Ridgeview Church*) on a 7.052-acre parcel of land identified as Lot 28 of the Skyview Country Estates No. 3 Addition, City of Rockwall, Rockwall County, Texas, zoned General Retail (GR) District, addressed as 1362 FM-552, and take any action necessary.

BACKGROUND

According to the Rockwall Central Appraisal District (RCAD), the 21,658 SF existing church was constructed in 1980. On July 16, 2012, the subject property was annexed into the City of Rockwall by *Ordinance No. 12-17* [*i.e. Case No. A2012-001*]. At the time of annexation, the subject property was zoned Agricultural (AG) District. On October 15, 2012, the City Council approved a replat [*i.e. Case No. P2012-031*] establishing the subject property as Lot 28 of the Skyview Country Estates No. 3 Addition. On October 1, 2018, the City Council approved *Ordinance No. 18-43* [*i.e. Case No. Z2018-038*] changing the zoning of the subject property from an Agricultural (AG) District to a General (GR) District. On July 7, 2025, the City Council approved *Ordinance No. 25-37, S-368* [*i.e. Case No. Z2025-027*] to allow the expansion of an existing *Church/House of Worship* and a building that will exceed 25,000 SF in a General Retail (GR) District. In addition to the existing 21,658 SF *Church/House of Worship*, the Rockwall Central Appraisal District (RCAD) also identifies a 128 SF shop, an 80 SF storage building, a 2,054 SF single-family home, and two (2), 1,560 SF portable classrooms on the subject property.

PURPOSE

On June 13, 2025, the applicant -- *Grayson Hughes of Sutherland King, LLC.* -- submitted an application requesting the approval of a site plan for an expansion of an existing *Church/House of Worship* on the subject property.

ADJACENT LAND USES AND ACCESS

The subject property is addressed as 1362 FM-552. The land uses adjacent to the subject property are as follows:

North: Directly north of the subject property are the corporate limits of the City of Rockwall. Beyond this is a residential subdivision (*i.e. Skyview Country Estates #2 Addition*) that is situated within the City's Extraterritorial Jurisdiction (ETJ).

East: Directly east of the subject property are the corporate limits for the City of Rockwall. Beyond this are five (5) parcels of land (*i.e. Lots 23-27 of the Skyview Country Estates #3 Addition*) developed with single-family homes that are situated within the City's Extraterritorial Jurisdiction (ETJ).

South: Directly south of the subject property are the corporate limits of the City of Rockwall. Beyond this is FM-552, which is identified as a A4D (*i.e. major arterial, four [4] lane, divided roadway*) on the Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan. Beyond this is the Windmill Valley Subdivision, which is situated within the City's Extraterritorial Jurisdiction (ETJ).

West: Directly west of the subject property is Breezy Hill Lane, which is identified as a *Minor Collector* on the Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan. Beyond this is Phase 9 of the Breezy Hill Subdivision, which consists of 59 residential lots on 16.82-acres of land. This subdivision has been in existence since January 29, 2016. West of this is a vacant 17.3750-acre tract of land (*i.e. Tract 7-5 of the T.R. Bailey Survey, Abstract No. 30*). All of these properties are zoned Planned Development District 74 (PD-74) for Single-Family 10 (SF-10) District and limited General Retail (GR) District land uses.

DENSITY AND DIMENSIONAL REQUIREMENTS

According to the *Permissible Use Charts* contained in Article 04, *Permitted Uses*, of the Unified Development Code (UDC), a *Church/House of Worship* land use is permitted by Specific Use Permit (SUP) in a General Retail (GR) District. On July 7, 2025, the City Council approved *Ordinance No. 25-37, S-368* [*i.e. Case No. Z2025-027*] to allow the expansion of an existing *Church/House of Worship* and a building that will exceed 25,000 SF in a General Retail (GR) District. The submitted site plan, landscape plan, treescape plan, photometric plan, and building elevations generally conform to the technical requirements contained within the Unified Development Code (UDC) for a property located within a General Retail (GR) District. A summary of the density and dimensional requirements for the subject property are as follows:

Ordinance Provisions	*Zoning District Standards*	*Conformance to the Standards*
Minimum Lot Area	*6,000 SF*	*X=7.03-acres; In Conformance*
Minimum Lot Frontage	*60-Feet*	*X>60-feet; In Conformance*
Minimum Lot Depth	*100-Feet*	*X>100-feet; In Conformance*
Minimum Front Yard Setback	*15-Feet*	*X>10-feet; In Conformance*
Minimum Rear Yard Setback	*10-Feet*	*X>10-feet; In Conformance*
Minimum Side Yard Setback	*10-Feet*	*X>10-feet; In Conformance*
Maximum Building Height	*36-Feet*	*X=25-feet; In Conformance*
Max Building/Lot Coverage	*40%*	*X<17.5%; In Conformance*
Minimum Number of Parking Spaces	*1 Space/ 4 Worship Seats = 254 spaces*	*X=286; In Conformance*
Minimum Landscaping Percentage	*15%*	*X=22%; In Conformance*
Maximum Impervious Coverage	*85-90%*	*X=78%; In Conformance*

TREESCAPE PLAN

The *Treescape Plan* provided by the applicant indicates that a total of *38-inches* of unprotected Willow and Hackberry trees are to be removed from the site. Due to this, mitigation is not required by the applicant.

CONFORMANCE WITH THE CITY'S CODES

According to Subsection 02.02(C), *Institutional and Community Service Land Uses*, of Article 13, *Definitions*, of the Unified Development Code (UDC), defines a *Church/House of Worship* as "(a) facility or area primarily used for religious gatherings, ceremonies, and worship services. It typically includes a sanctuary or worship hall, administrative offices, classrooms for religious education, and often ancillary facilities such as a fellowship hall, kitchen, and parking lot. These facilities serve as places for spiritual practice, community gatherings, and religious observance for adherents of a particular faith or denomination." In this case, the applicant's proposed use falls under this classification. Staff should point out that there is currently an existing *Church/House of Worship* already located at 1362 FM-552 that was constructed in 1980, prior to the property being annexed into the City of Rockwall, and much of the existing structure is considered to be legally non-conforming.

In reference to the site plan submitted by the applicant, a proposed parking area is shown in front of the building façade along FM-552 and Breezy Hill Lane. According to the General Retail (GR) District standards outlined in the chart under Subsection 07.03, *Non-Residential District Development Standards*, of Article 05, of the *Unified Development Code (UDC)*, "(p)arking should not be located between the front façade and the property line." As such, the proposed parking areas located between the front facades of the building and FM-552/Breezy Hill Lane represent a deviation from the UDC requirements. To mitigate this deviation, the applicant has proposed enhanced landscaping along both FM-552 and Breezy Hill Lane, as well as a 20-foot-wide residential adjacency buffer that includes a three-tiered screening system for the properties located north of the

subject site. These mitigation measures have been approved through the applicant's Specific Use Permit (SUP), [*i.e. Ordinance No. 25-37, S-368*], and are reflected in the submitted Landscape Plan.

Additionally, Subsection 07.03, *Non-Residential District Development Standards*, of Article 05 of the UDC, limits the maximum building size in the General Retail (GR) District to 25,000 square feet. In this case, the existing church/house of worship comprises 21,658 square feet, and the proposed expansion will add 35,653 square feet, resulting in a total building area of 53,904 square feet. Despite exceeding the maximum allowable size, the proposed expansion -- *comprising of additional interior space and associated parking areas* -- was approved by the City Council on July 7, 2025, through *Ordinance No. 25-37, S-368*.

VARIANCES AND EXCEPTIONS BY THE APPLICANT

As previously noted, the applicant's request generally conforms to the requirements of the General Retail (GR) District and the Unified Development Code (UDC). Although the proposal does not fully satisfy the technical standards for primary and secondary façade articulation, the overall building elevations were approved through the Specific Use Permit (SUP) process, as outlined in *Ordinance No. 25-37* (*S-368*). To further enhance the architectural character of the building, the applicant has incorporated the following design features: [*1*] different awnings around entry, [*2*] varied roof heights, [*3*] additional architectural articulation, and [*4*] a covered outdoor patio.

ARCHITECTURAL REVIEW BOARD (ARB) RECOMMENDATION

The Architectural Review Board (ARB) reviewed the building elevations originally submitted by the applicant on June 24, 2025. Following their review, the Board recommended that the applicant align the proposed elevations with those previously approved by City Council during the Specific Use Permit (SUP) process. Additionally, the Board requested the submission of a revised material sample board. In response, the applicant has provided updated building elevations and a new material sample board, which are scheduled for review by the ARB at the Planning and Zoning Commission meeting on *July 15, 2025*.

CONDITIONS OF APPROVAL

If the Planning and Zoning Commission chooses to approve the applicant's *Site Plan* for a medical office building on the subject property, then staff would propose the following conditions of approval:

(1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of engineering plans.

(2) Any construction resulting from the approval of this *Site Plan* shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY

PLANNING & ZONING CASE NO.

NOTE: THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($100.00 + $15.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($200.00 + $15.00 ACRE) [1]
- ☐ FINAL PLAT ($300.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($300.00 + $20.00 ACRE) [1]
- ☐ AMENDING OR MINOR PLAT ($150.00)
- ☐ PLAT REINSTATEMENT REQUEST ($100.00)

SITE PLAN APPLICATION FEES:
- ☒ SITE PLAN ($250.00 + $20.00 ACRE) [1]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($100.00)

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($200.00 + $15.00 ACRE) [1]
- ☐ SPECIFIC USE PERMIT ($200.00 + $15.00 ACRE) [1 & 2]
- ☐ PD DEVELOPMENT PLANS ($200.00 + $15.00 ACRE) [1]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($75.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS ($100.00) [2]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A $1,000.00 FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	1362 FM Road 552				
SUBDIVISION	Skyview Country Estates No. 3		LOT	28	BLOCK
GENERAL LOCATION	Northeast corner of FM Road 552 and Breezy Hill Lane				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	General Retail		CURRENT USE	Worship Center	
PROPOSED ZONING	General Retail		PROPOSED USE	Worship Center	
ACREAGE	7.05	LOTS [CURRENT]	1	LOTS [PROPOSED]	1

☒ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Ridgeview Church	☒ APPLICANT	Sutherland King Consulting, LLC
CONTACT PERSON	Felix Tan	CONTACT PERSON	Grayson Hughes
ADDRESS	1362 FM Road 552	ADDRESS	6430 Meadowcreek Drive
CITY, STATE & ZIP	Rockwall, TX 75087	CITY, STATE & ZIP	Dallas, TX 75254
PHONE	[redacted]	PHONE	[redacted]
E-MAIL	[redacted]	E-MAIL	[redacted]

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED Felix Tan [*OWNER*] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ 410.00 *, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE* 13th *DAY OF* June *, 2025. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."*

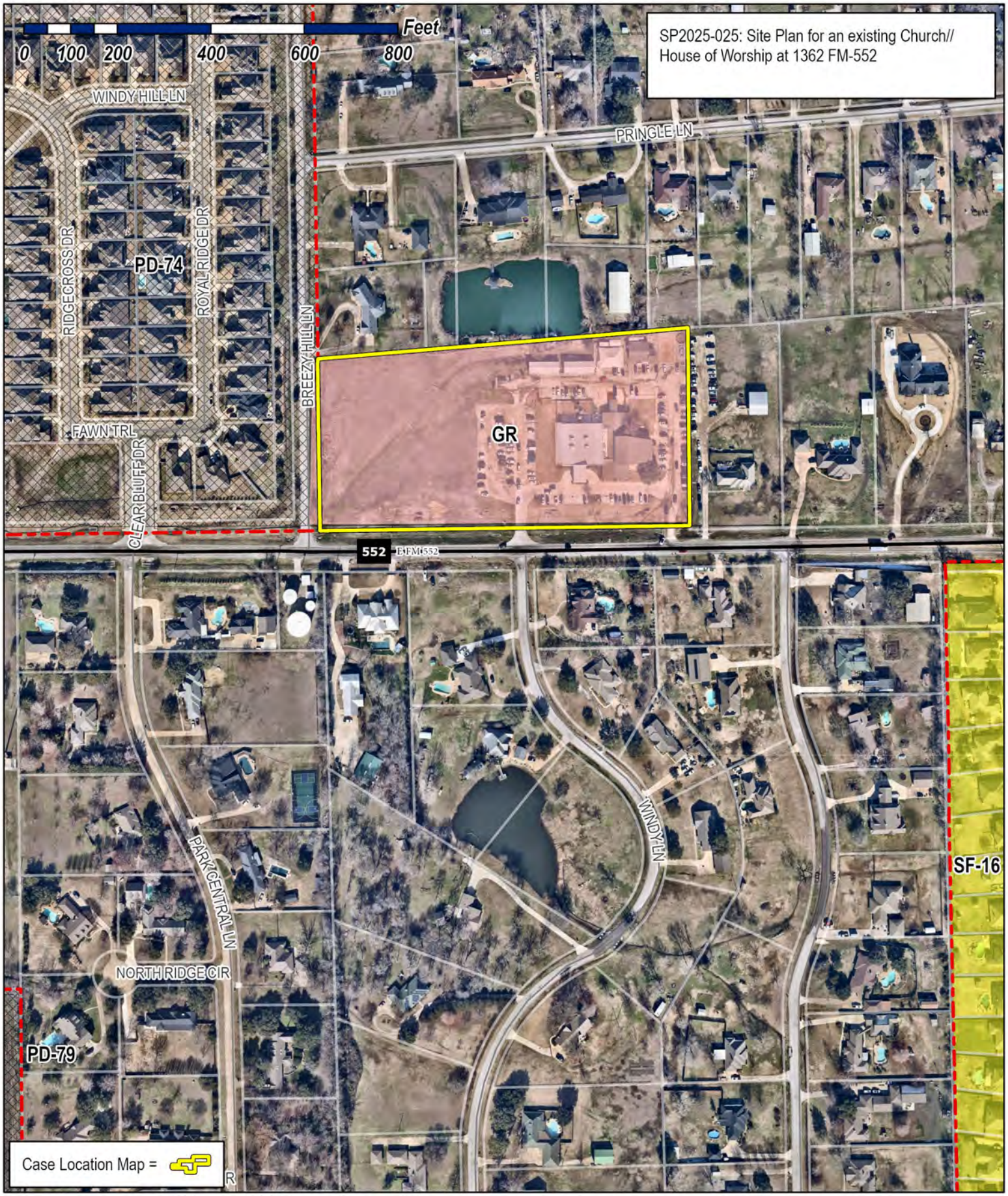
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 12th *DAY OF* June *, 20* 25.

OWNER'S SIGNATURE Felix Tan

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

NATASHA C CHANG YEN
Notary Public
State of Texas
ID # 135502636
My Comm. Expires 04-21-2029

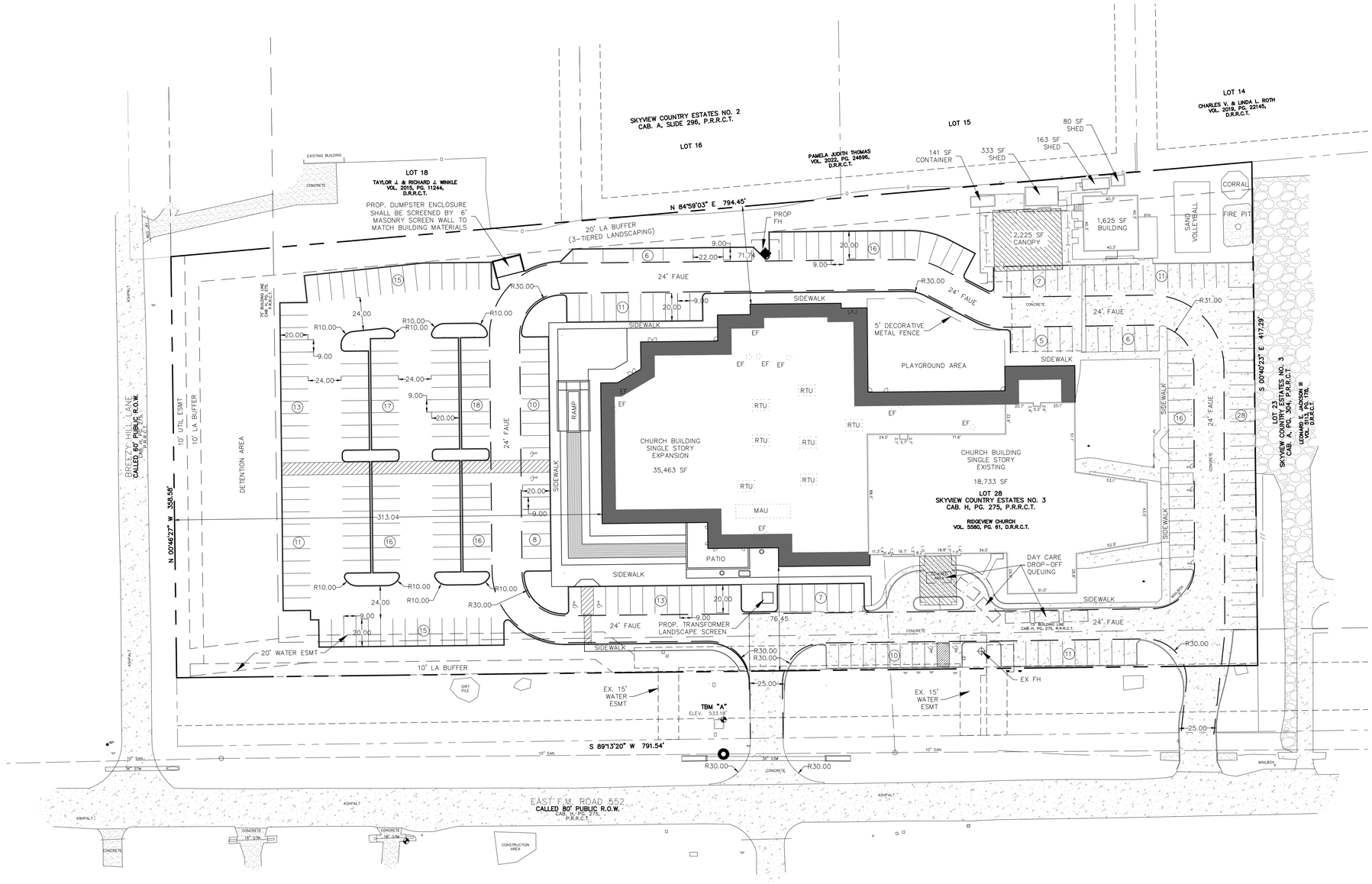
MY COMMISSION EXPIRES



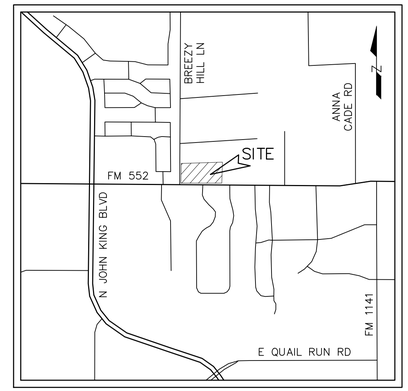
City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.







VICINITY MAP
N.T.S.

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

NOTE:
1. THE PROPOSED BUILDING EXPANSION SHALL BE ARCHITECTURALLY COMPATIBLE IN MATERIALS AND ARCHITECTURAL ELEMENTS TO THE EXISTING CHURCH FACILITY.
2. PROPOSED PARKING STALLS ARE MEASURED TO 9 FOOT WIDTH BY 20 FOOT LENGTH.
3. FIRELANE SHALL BE 6" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. PARKING AREAS SHALL BE 5" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
3. DUMPSTER PAD SHALL BE 7" DEPTH REINFORCED CONCRETE PAVEMENT OVER 6 INCHES OF LIME STABILIZED SUBGRADE.
4. ANY ROOF MOUNTED EQUIPMENT SHALL BE SCREENED EITHER BY MOUNTED SCREENS OR BY ROOF PARAPET.
5. THERE SHALL NOT BE ANY OUTSIDE STORAGE OR ABOVE GROUND STORAGE TANKS ON THE SUBJECT PROPERTY WITHOUT A SEPARATE PERMIT.
6. NOTATION FOR FAUE REFERS TO FIRE LANE, PUBLIC ACCESS, AND UTILITY EASEMENT.
7. LOCATIONS OF RTUs, EFs, AND MAU ARE APPROXIMATE, REFER TO MEP PLANS FOR ACTUAL LOCATIONS. EQUIPMENT SHALL BE SCREENED BY BUILDING PARAPET.

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS _____ DAY OF _____, 2025

_____ PLANNING & ZONING COMMISSION, CHAIR

_____ PLANNING DIRECTOR

NOTE:

LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:

RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:

SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:

WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

PRELIMINARY
FOR PRELIMINARY REVIEW, PERMIT, OR PRICING PURPOSES ONLY.

PREPARED BY:
GRAYSON K. HUGHES, PE

SITE PLAN

RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER
2024.011
DRAWING DATE
2025.07.01
SCALE
1"=40'
DESIGNED BY
GKH

SHEET NUMBER
C1.0

Owner

RIDGEVIEW CHURCH EXPANSION

FM 552
ROCKWALL, TX 75087



1 ISO

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS ____ DAY OF _____, 2025

PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

ISSUE/ REVISION

NO.	DATE	ISSUE/ REVISION
1	06-13-2025	ISSUED FOR SITE PLAN APPROVAL

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

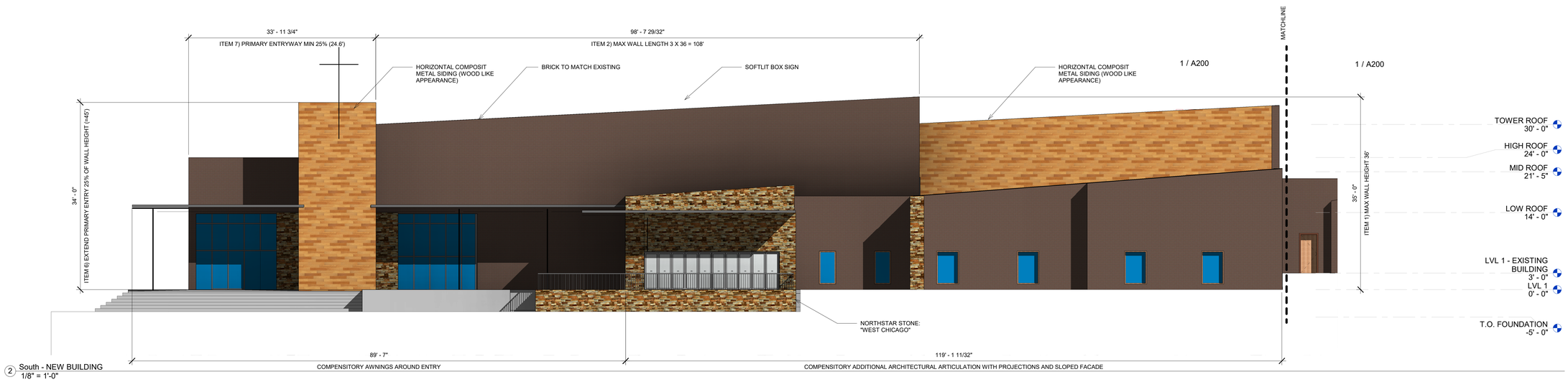
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT: RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

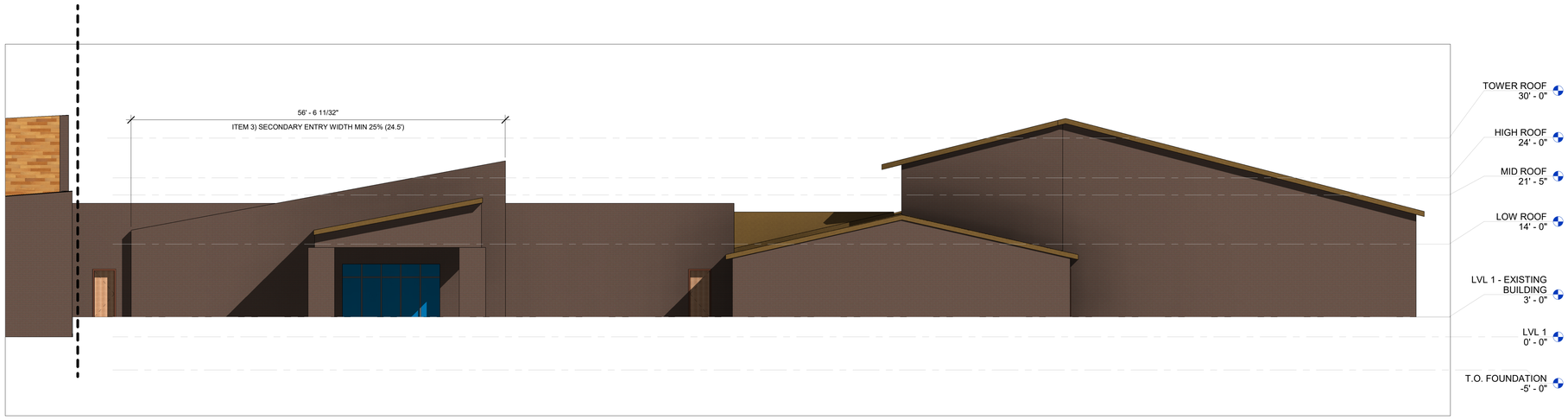
SHEET TITLE: COVER SHEET

-

SCALE:



2 South - NEW BUILDING
1/8" = 1'-0"



1 South - EXISTING BUILDING
1/8" = 1'-0"

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS ____ DAY OF _____, 2025

PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

ISSUE/ REVISION
ISSUED FOR SITE PLAN APPROVAL

DATE
06-13-2025

NO.
1

TEXAS FIRM NO: F-26123
OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098

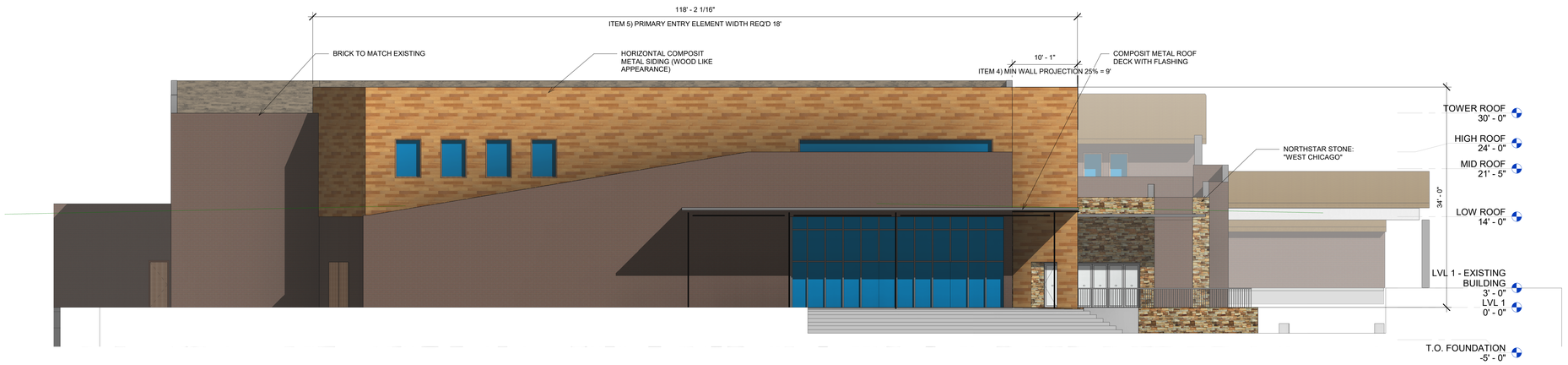
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
ELEVATIONS SOUTH FACE

A200

SCALE: 1/8" = 1'-0"



4 West
1/8" = 1'-0"



3 East
1/8" = 1'-0"

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS ____ DAY OF _____, 2025

PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

ISSUE/ REVISION
ISSUED FOR SITE PLAN APPROVAL

DATE
06-13-2025

NO.
1

TEXAS FIRM NO: F-26123
OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098

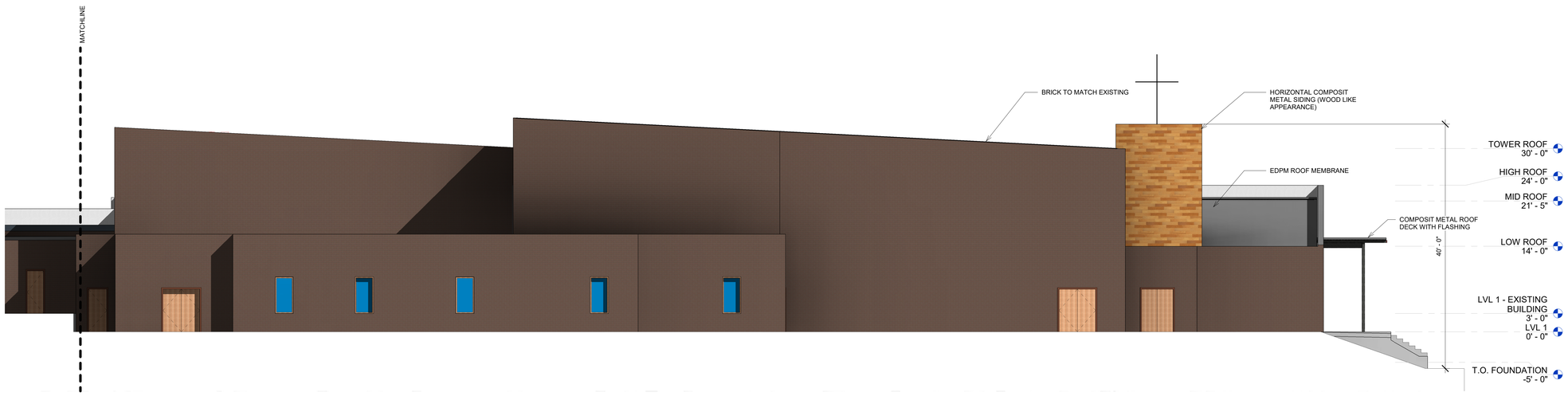
REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

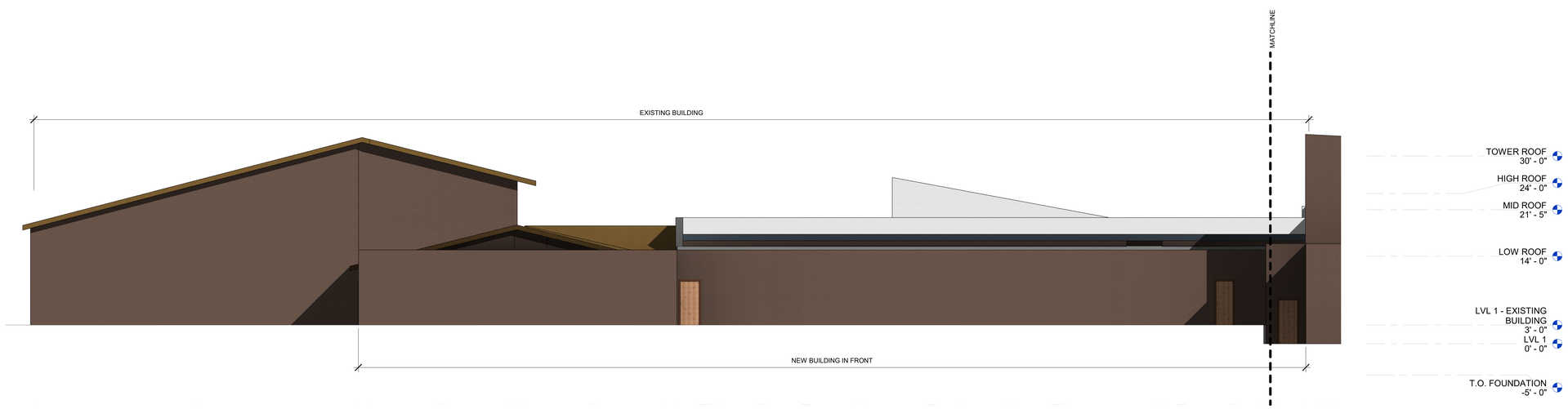
SHEET TITLE:
ELEVATIONS (EAST AND WEST)

A201

SCALE: 1/8" = 1'-0"



2 North - NEW BUILDING
1/8" = 1'-0"



1 North - EXISITNG BUILDING
1/8" = 1'-0"

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS ____ DAY OF _____, 2025

PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

ISSUE/ REVISION
ISSUED FOR SITE PLAN APPROVAL

DATE
06-13-2025

NO.
1

TEXAS FIRM NO: F-26123
OLER SENTZ
2715 E. STONE ROAD, WYLIE, TEXAS 75098

REGISTERED ARCHITECT
MARK J SENTZ
24671
STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
ELEVATIONS NORTH FACE

A202

SCALE: 1/8" = 1'-0"

Room Schedule			
Number	Name	Area	Comments
1	CHILDREN'S RM	608 SF	
2	CHILDREN'S RM	484 SF	
3	CHILDREN'S RM	479 SF	
4	CHILDREN'S RM	501 SF	
5	CHILDREN'S RM	548 SF	
6	CHILDREN'S RM	530 SF	
8	ADULT CHILD FLEX	301 SF	
9	ADULT CHILD FLEX	268 SF	
10	ADULT CHILD FLEX	271 SF	
11	MULTI-PURPOSE ROOM	5520 SF	
12	STORAGE	260 SF	
13	NURSING	153 SF	
14	ADULT CLASSROOM	1608 SF	
15	KITCHEN	335 SF	
16	COFFEE BREAK AREA	598 SF	
17	OVERFLOW	391 SF	
18	AUDITORIUM	8967 SF	
19	STORAGE	687 SF	
20	STORAGE	511 SF	
21	GREEN ROOM	270 SF	
22	AV ROOM	98 SF	
23	OFFICE	211 SF	
24	OFFICE	187 SF	
25	OFFICE	140 SF	
26	OFFICE	130 SF	
27	OFFICE	125 SF	
28	OFFICE	126 SF	
29	OFFICE	128 SF	
30	OFFICE	128 SF	
31	MENS RESTROOM	144 SF	
31	OFFICE	128 SF	
32	COUNCELING	207 SF	
33	LOBBY/RECEPTION	254 SF	
34	CLOSET	65 SF	
35	JAN	37 SF	
39	MEP	61 SF	
101	CHILDREN'S CLASSROOM	458 SF	
102	CHILDREN'S CLASSROOM	480 SF	
103	BOYS	91 SF	
104	CHILDREN'S CLASSROOM	485 SF	
105	CHILDREN'S CLASSROOM	489 SF	
106	TOILET	53 SF	
107	GIRLS	91 SF	
108	CHILDREN'S CLASSROOM	595 SF	
109	CATERING	234 SF	
111	JANITOR	56 SF	
112	WORKROOM	224 SF	
113	MECHANICAL	37 SF	
114	CLASSROOM	690 SF	
115	FELLOWSHIP HALL	818 SF	
118	ADULT CLASSROOM	679 SF	
119	RISER	124 SF	
127	NURSERY	252 SF	
128	classroom	285 SF	
129	classroom	277 SF	
130	classroom	320 SF	
131	classroom	262 SF	
132	classroom	240 SF	
133	EXISTING SANCTUARY	3867 SF	
134	office	188 SF	
135	office	226 SF	
136	office	234 SF	
137	office	131 SF	
138	Room	72 SF	
139	womens rm	164 SF	
140	mens rm	152 SF	
141	kitchen	99 SF	
142	toilet	73 SF	



1 LVL 1 - EXISTING BUILDING
1/8" = 1'-0"

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS ____ DAY OF _____, 2025

PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

ISSUE/ REVISION | DATE | NO.

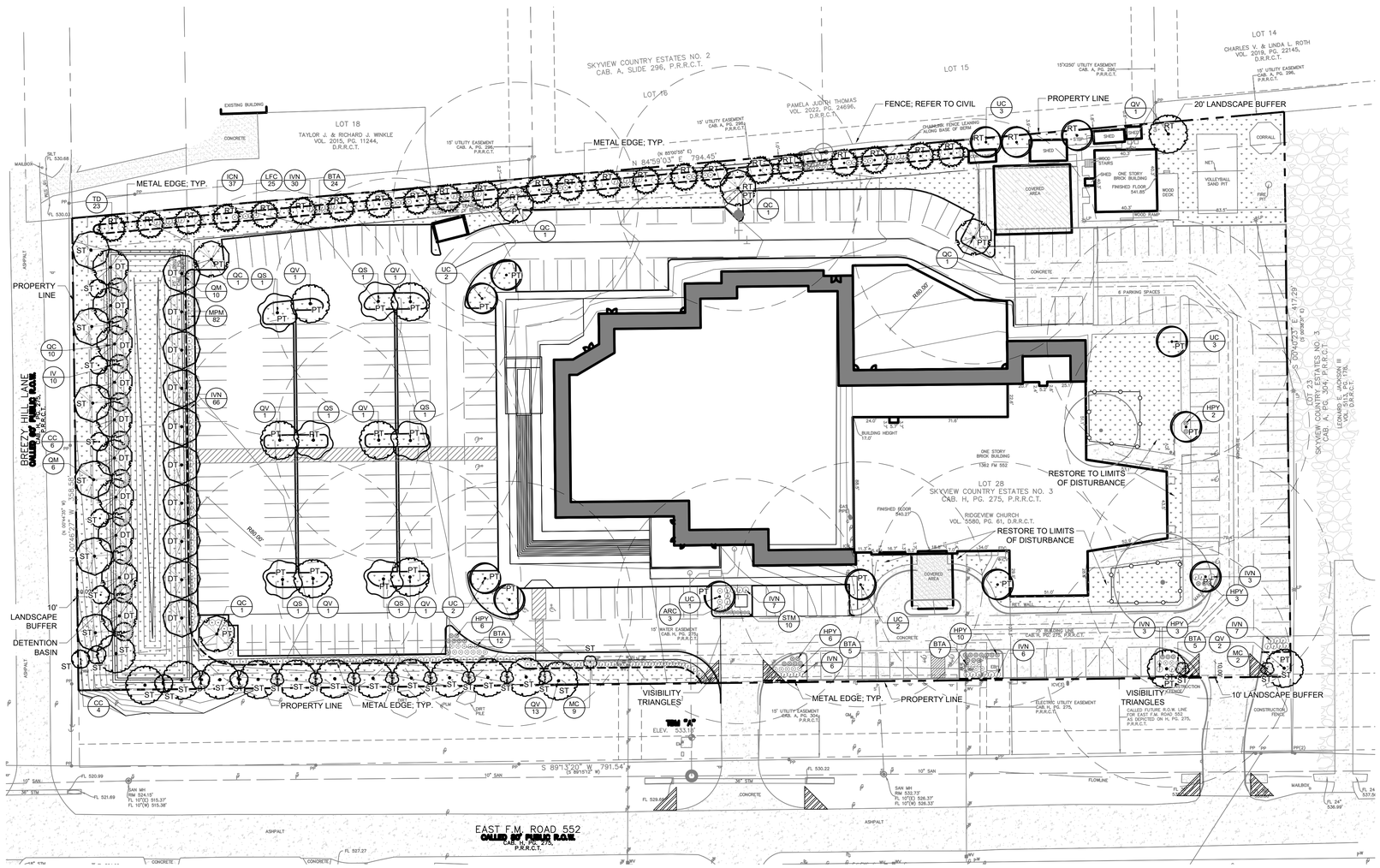
OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098
REGISTERED ARCHITECT MARK J SENTZ 24671 STATE OF TEXAS

PROJECT:
RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE:
EXISTING BUILDING

A003

SCALE: 1/8" = 1'-0"



LEGEND

EXISTING TREES OR PALMS TO BE PRESERVED & PROTECTED IN PLACE

TREE PROTECTION FENCE

ST - STREET FRONTAGE BUFFER TREE
PT - PARKING LOT TREE
RT - RESIDENTIAL LANDSCAPE BUFFER TREE

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURERS RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

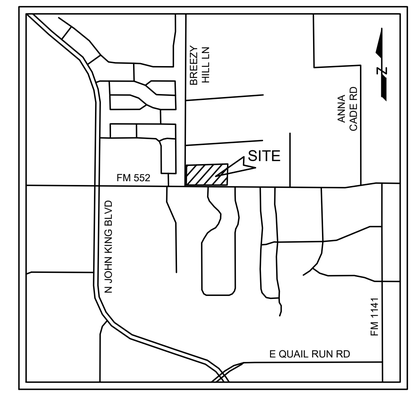
AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED), IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDED AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

PLANTING & IRRIGATION GUARANTEE

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE THAT ALL NEWLY INSTALLED AND EXISTING PLANTS SHALL SURVIVE FOR ONE YEAR AFTER FINAL OWNER ACCEPTANCE OF THE INSTALLATION WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR APPROPRIATE WATERING OF THE LANDSCAPE THROUGH INSTALLATION OF A PROPERLY DESIGNED IRRIGATION SYSTEM. THE OWNER SHALL APPROVE THE SYSTEM DESIGN BEFORE INSTALLATION OF PLANTS OR IRRIGATION.

IRRIGATION CONCEPT

1. AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR.
2. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM WILL HAVE APPROPRIATE BACKFLOW PREVENTION DEVICES INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE.
3. ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED. SODDED AND SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD COVERAGE.
4. ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE.
5. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: MATCHED PRECIPITATION RATE TECHNOLOGY ON ROTOR AND SPRAY HEADS (WHEREVER POSSIBLE), RAIN SENSORS, AND MULTI-PROGRAM COMPUTERIZED IRRIGATION CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.
6. ALL IRRIGATION SHALL MEET THE REQUIREMENTS OF THE CITY OF ROCKWALL'S UDC (SUBSECTION 05.04, OF ARTICLE 08)



VICINITY MAP
N.T.S.

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
ACCENT TREE					
	CC	*Cercis canadensis texensis* Deciduous | Preferred	Texas Redbud	4' Ht.	10
	IV	*Ilex vomitoria* Evergreen | Preferred	Yaupon Holly	4' Ht.	10
	MC	*Myrica cerifera* Evergreen | Preferred	Wax Myrtle	4' Ht.	11
CANOPY TREES					
	QM	*Quercus macrocarpa* @ MIN. HT. Deciduous | Preferred	Burr Oak	4' Cal.	16
	QC	*Quercus muehlenbergii* @ MIN. HT. Deciduous | Preferred	Chinkapin Oak	4' Cal.	15
	QS	*Quercus shumardii* @ MIN. HT. Deciduous | Preferred	Shumard Oak	4' Cal.	6
	QV	*Quercus virginiana* @ MIN. HT. Deciduous | Preferred	Southern Live Oak	4' Cal.	22
	TD	*Taxodium distichum* @ MIN. HT. Deciduous | Preferred	Bald Cypress	4' Cal.	23
	UC	*Ulmus crassifolia* @ MIN. HT. Deciduous | Preferred	Cedar Elm	4' Cal.	13

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
SHRUBS					
	ARC	*Abelia x 'Rose Creek'*	Rose Creek Abelia	5 gal.	3
	BTA	*Berberis thunbergii 'Atropurpurea Nana'*	Dwarf Red Leaf Japanese Barberry	5 gal.	53
	HPY	*Hesperaloe parviflora* 24" HT. MIN. Evergreen	Red Yucca	5 gal.	30
	IGN	*Ilex cornuta 'Burfordii Nana'*	Dwarf Burford Holly	5 gal.	37
	IVN	*Ilex vomitoria 'Nana'* 24" HT. MIN. Evergreen	Dwarf Yaupon Holly	5 gal.	128
	LFC	*Leucophyllum frutescens 'Compacta'*	Compact Texas Sage	5 gal.	25
	MPM	*Myrica pusilla* 24" HT. MIN. Evergreen	Dwarf Wax Myrtle	5 gal.	82
	STM	*Stipa tenuissima (Nassella tenuissima)*	Mexican Feather Grass	3 gal.	10
SOD/SEED					
	TRF	*Cynodon dactylon x transvaalensis 'DT-1' Preferred*	TifTuff Bermudagrass	sod	54,518 sf

LANDSCAPE CALCULATIONS / STANDARDS

ARTICLE 08: LANDSCAPE STANDARDS
05.01 LANDSCAPE BUFFERS - NON-RESIDENTIAL
REQ. ABUTTING A PUBLIC RIGHT-OF-WAY: *10' WIDE LANDSCAPE BUFFER W/ GROUND COVER, BERM, AND SHRUBBERY 30" HIGH, 1 CANOPY TREE & 1 ACCENT TREE PER 50 LF OF FRONTAGE.*

E FM RD 552: 725' LF
CANOPY TREES REQUIRED: 15 CANOPY TREES
CANOPY TREES PROVIDED: **15 CANOPY TREES**
ACCENT TREES REQUIRED: 15 ACCENT TREES
ACCENT TREES PROVIDED: **15 ACCENT TREES**
ENHANCED LANDSCAPING: ***EXTRA SHRUBS PROVIDED***

BREEZY HILL LN: 308' LF
CANOPY TREES REQUIRED: 6 CANOPY TREES
CANOPY TREES PROVIDED: **6 CANOPY TREES**
ACCENT TREES REQUIRED: 6 ACCENT TREES
ACCENT TREES PROVIDED: **6 ACCENT TREES**

05.02, 05.06 LANDSCAPE SCREENING
STREET FRONTAGE SCREENING:
REQ. HEADLIGHT SCREENING: *HEAD-IN PARKING ADJ. TO STREETS & RESIDENTIAL DISTRICTS SHALL INCORP. MIN. 36" EVERGREEN SHRUBS ALONG ENTIRE PARKING AREAS.*
PROVIDED SCREENING (STREET): **36" HT. EVERGREEN PLANTING**
GROUND-MOUNTED EQUIPMENT: **ATMOS-APPROVED SCREENING AROUND TRANSFORMER PROVIDED**

RESIDENTIAL SCREENING: *3-TIER LANDSCAPING: MIN 15'+ LANDSCAPE BUFFER, MIN. 6' FENCE, 1 TREE PER 40 LF, 1 LARGE SHRUB PER 10 LF, & TURF GROUNDCOVER.*
PROVIDED SCREENING (RESIDENTIAL): **20' LANDSCAPE BUFFER**
795' LF (NORTH), 369' LF (EAST) = 1,164' LF
FENCE OR BERM PROVIDED: **FENCE; REFER TO CIVIL**
CANOPY TREES REQUIRED: 29 CANOPY TREES
CANOPY TREES PROVIDED: **29 CANOPY TREES**
LARGE SHRUBS REQUIRED: 116 LARGE SHRUBS
LARGE SHRUBS PROVIDED: **116 LARGE SHRUBS**

05.03, 05.09, 5.12 LANDSCAPE REQUIREMENTS - GENERAL RETAIL
TOTAL SITE AREA: **307,196 SF** (7.03 AC)
LANDSCAPE AREA REQUIRED, TOTAL SITE: 46,079 SF (15%)
LANDSCAPE PROVIDED, TOTAL SITE: **67,761 SF (22%)**

LOCATION OF LANDSCAPING: *MIN. 50% OF REQ. LANDSCAPING SHALL BE LOCATED IN THE FRONT OF & ALONG THE SIDE OF BUILDINGS W/ STREET FRONTAGE.*

MIN. SIZE OF AREAS: *ALL REQ. LANDSCAPING SHALL BE NO LESS THAN 5' WIDE AND A MIN. OF 25 SF IN AREA.*

PARKING LOT LANDSCAPING: *MIN. 5% OR 200 SF OF LANDSCAPING, WHICHEVER IS GREATER, IN THE INTERIOR OF THE PARKING LOT. IF OVER 20,000 SF: 1 TREE PER 10 SPACES REQ. 1 TREE WITHIN 80' OF EACH PARKING SPACE REQ.*
PROPOSED PARKING AREA: **±107,486 SF**
REQ. PARKING LOT LANDSCAPING: 5,374 SF (5%)
PROPOSED PARKING LOT LANDSCAPING; **8,251 SF (8%)**
PARKING LOT SPACES PROPOSED: 286 SPACES
CANOPY TREES REQUIRED: 29 CANOPY TREES
CANOPY TREES PROVIDED: **29 CANOPY TREES**
1 TREE WITHIN 80' OF EACH SPACE: **PROVIDED**

DETENTION BASIN SITE AREA: **14,608 SF**
CANOPY TREES REQUIRED: 20 CANOPY TREES *(1 PER 750 SF)*
CANOPY TREES PROVIDED: **20 CANOPY TREES**
ACCENT TREES REQUIRED: 9.7ACCENT TREES *(1 PER 1,500 SF)*
ACCENT TREES PROVIDED: **10 ACCENT TREES**
NATIVE GRASSES: **PROVIDED**

ARTICLE 09: TREE PRESERVATION
06: TREE REPLACEMENT AND PLANTING REQUIREMENTS
MITIGATION REQUIRED: 0"
MITIGATION PROVIDED: 0"

07: TREE REPLACEMENT CREDITS
ALL REPLACEMENT TREES SHALL BE A MIN. 4" CALIPER.

NOTE: REFER TO TD PLANS FOR MORE INFORMATION.

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS _____ DAY OF _____, 2025

_____ _____
PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

NOTE:
LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:

RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:

SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:

WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

NORTH
0 40' 80'
1" = 40'-0"

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.6630
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING · IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

06/27/2025

LANDSCAPE PLAN

RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER
2024.011
DRAWING DATE
2025.06.27
SCALE
AS NOTED
DESIGNED BY

SHEET NUMBER
LP-1

PLANTING SPECIFICATIONS

GENERAL

A. QUALIFICATIONS OF LANDSCAPE CONTRACTOR
1. ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE FIRM SPECIALIZING IN LANDSCAPE PLANTING.
2. A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES.
3. THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID NURSERY AND FLORAL CERTIFICATE ISSUED BY THE TEXAS DEPARTMENT OF AGRICULTURE, AS WELL AS OPERATE UNDER A COMMERCIAL PESTICIDE APPLICATOR LICENSE ISSUED BY EITHER THE TEXAS DEPARTMENT OF AGRICULTURE OR THE TEXAS STRUCTURAL PEST CONTROL BOARD.

B. SCOPE OF WORK
1. WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HEREIN AND / OR SHOWN ON THE LANDSCAPE PLANS, NOTES, AND DETAILS.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS.
3. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

PRODUCTS

A. ALL MANUFACTURED PRODUCTS SHALL BE NEW.

B. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:
1. FURNISH NURSERY-GROWN PLANTS COMPLYING WITH ANSI Z60.1-2014. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK FREE OF DISEASE, INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE, AND WITH SIMILAR CLIMATIC CONDITIONS.
2. ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED ROOTS).
3. ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTBLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE. ANY PLANTS APPEARING TO BE UNHEALTHY, EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLE JUDGES AS TO THE ACCEPTABILITY OF PLANT MATERIAL.
4. ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING.
5. CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREES UP TO AND INCLUDING FOUR INCHES IN CALIPER, AND TWELVE INCHES ABOVE THE ROOT FLARE FOR TREES EXCEEDING FOUR INCHES IN CALIPER.
6. MULTI-TRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED FROM THE TOP OF THE ROOT BALL.
7. ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF THE ROOT BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED, SHALL BE REJECTED.

C. SOD: PROVIDE WELL-ROOTED SOD OF THE VARIETY NOTED ON THE PLANS. SOD SHALL BE CUT FROM HEALTHY, MATURE TURF WITH SOIL THICKNESS OF 3/4" TO 1". EACH PALLET OF SOD SHALL BE ACCOMPANIED BY A CERTIFICATE FROM SUPPLIER STATING THE COMPOSITION OF THE SOD.

D. SEED: PROVIDE BLEND OF SPECIES AND VARIETIES AS NOTED ON THE PLANS, WITH MAXIMUM PERCENTAGES OF PURITY, GERMINATION, AND MINIMUM PERCENTAGE OF WEED SEED AS INDICATED ON PLANS. EACH BAG OF SEED SHALL BE ACCOMPANIED BY A TAG FROM THE SUPPLIER INDICATING THE COMPOSITION OF THE SEED.

E. TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN ½ INCH, FOREIGN MATTER, PLANTS, ROOTS, AND SEEDS.

F. COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8; MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT; 100 PERCENT PASSING THROUGH 3/4-INCH SIEVE; SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENSIM; NOT EXCEEDING 0.5 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO PLANTINGS. NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED.

G. FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROGEN, PHOSPHORUS, POTASSIUM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOIL-TESTING AGENCY (SEE BELOW).

H. MULCH: SIZE AND TYPE AS INDICATED ON PLANS, FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS.

I. WEED FABRIC: 5 OUNCE, WOVEN, NEEDLE-PUNCHED FABRIC, SUCH AS DEWITT PRO5 LANDSCAPE FABRIC (OR APPROVED EQUAL).

J. TREE STAKING AND GUYING
1. STAKES: 6' LONG GREEN METAL T-POSTS.
2. GUY AND TIE WIRE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.106 INCH DIAMETER.
3. STRAP CHAFING GUARD: REINFORCED NYLON OR CANVAS AT LEAST 1-1/2 INCH WIDE, WITH GROMMETS TO PROTECT TREE TRUNKS FROM DAMAGE.

M. STEEL EDGING: PROFESSIONAL STEEL EDGING, 10 GAUGE THICK X 4 INCHES WIDE, FACTORY PAINTED DARK GREEN. ACCEPTABLE MANUFACTURERS INCLUDE COL-MET OR APPROVED EQUAL.

N. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

METHODS

A. SOIL PREPARATION
1. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST.
2. SOIL TESTING:
   a. AFTER FINISH GRADES HAVE BEEN ESTABLISHED, CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY FOR THE FOLLOWING: SOIL TEXTURAL CLASS, GENERAL SOIL FERTILITY, pH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. EACH SAMPLE SUBMITTED SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL.
   b. CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES.
   c. THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): GENERAL SOIL PREPARATION AND BACKFILL MIXES, PRE-PLANT FERTILIZER APPLICATIONS, AND ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE.
3. THE CONTRACTOR SHALL INSTALL SOIL AMENDMENTS AND FERTILIZERS PER THE SOILS REPORT RECOMMENDATIONS. ANY CHANGE IN COST DUE TO THE SOIL REPORT RECOMMENDATIONS, EITHER INCREASE OR DECREASE, SHALL BE SUBMITTED TO THE OWNER WITH THE REPORT.
4. FOR BIDDING PURPOSES ONLY, THE SOIL PREPARATION SHALL CONSIST OF THE FOLLOWING:
   a. TURF: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
      i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
      ii. PREPLANT TURF FERTILIZER (10-20-10 OR SIMILAR, SLOW RELEASE, ORGANIC) - 15 LBS PER 1,000 S.F.
      iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
   b. TREES, SHRUBS, AND PERENNIALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER CROSS-RIPPING:
      i. NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
      ii. 12-12-12 FERTILIZER (OR SIMILAR, ORGANIC, SLOW RELEASE) - 10 LBS. PER CU. YD.
      iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
      iv. IRON SULPHATE - 2 LBS. PER CU. YD.
5. CONTRACTOR SHALL ENSURE THAT THE GRADE IN SOD AREAS SHALL BE 1" BELOW FINISH GRADE BEFORE INSTALLING SOIL AMENDMENTS, AND 2" BELOW FINISH GRADE IN SHRUB AREAS BEFORE INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL.
6. ONCE SOIL PREPARATION IS COMPLETE, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THERE ARE NO DEBRIS, TRASH, OR STONES LARGER THAN 1" REMAINING IN THE TOP 6" OF SOIL.

B. GENERAL PLANTING
1. REMOVE ALL NURSERY TAGS AND STAKES FROM PLANTS.
2. EXCEPT IN AREAS TO BE PLANTED WITH ORNAMENTAL GRASSES, APPLY PRE-EMERGENT HERBICIDES AT THE MANUFACTURER'S RECOMMENDED RATE.
3. TRENCHING NEAR EXISTING TREES:
   a. CONTRACTOR SHALL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES, AND SHALL EXERCISE ALL POSSIBLE CARE AND PRECAUTIONS TO AVOID INJURY TO TREE ROOTS, TRUNKS, AND BRANCHES. THE CRZ IS DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUNK, WITH A RADIUS EQUAL TO 1' FOR EVERY 1" OF TRUNK DIAMETER-AT-BREAST-HEIGHT (4.5' ABOVE THE AVERAGE GRADE AT THE TRUNK).
   b. ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ.
   c. ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-1/2" AND LARGER IN DIAMETER. WHERE TREE ROOTS 1-1/2" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD, TUNNEL UNDER SUCH ROOTS. WRAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLAP AND KEEP MOIST. CLOSE ALL TRENCHES WITHIN THE CANOPY DRIP LINES WITHIN 24 HOURS.
   d. ALL SEVERED ROOTS SHALL BE HAND PRUNED WITH SHARP TOOLS AND ALLOWED TO AIR-DRY. DO NOT USE ANY SORT OF SEALERS OR WOUND PAINTS.

C. TREE PLANTING
1. TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL, AND TO A DEPTH EQUAL TO THE DEPTH OF THE ROOTBALL LESS TWO TO FOUR INCHES.
2. SCARIFY THE SIDES AND BOTTOM OF THE PLANTING HOLE PRIOR TO THE PLACEMENT OF THE TREE. REMOVE ANY GLAZING THAT MAY HAVE BEEN CAUSED DURING THE EXCAVATION OF THE HOLE.
3. FOR CONTAINER AND BOX TREES, TO REMOVE ANY POTENTIALLY GIRDLING ROOTS AND OTHER ROOT DEFECTS, THE CONTRACTOR SHALL SHAVE A 1" LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES JUST BEFORE PLACING INTO THE PLANTING PIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL.
4. INSTALL THE TREE ON UNDISTURBED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SURROUNDING GRADE.
5. BACKFILL THE TREE HOLE UTILIZING THE EXISTING TOPSOIL FROM ON-SITE. ROCKS LARGER THAN 1" DIA. AND ALL OTHER DEBRIS SHALL BE REMOVED FROM THE SOIL PRIOR TO THE BACKFILL. SHOULD ADDITIONAL SOIL BE REQUIRED TO ACCOMPLISH THIS TASK, USE STORED TOPSOIL FROM ON-SITE OR IMPORT ADDITIONAL TOPSOIL FROM OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IMPORTED TOPSOIL SHALL BE OF SIMILAR TEXTURAL CLASS AND COMPOSITION IN THE ON-SITE SOIL.
6. THE TOTAL NUMBER OF TREE STAKES (BEYOND THE MINIMUMS LISTED BELOW) WILL BE LEFT TO THE LANDSCAPE CONTRACTOR'S DISCRETION. SHOULD ANY TREES FALL OR LEAN, THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN THE TREE, OR REPLACE IT SHOULD IT BECOME DAMAGED. TREE STAKING SHALL ADHERE TO THE FOLLOWING GUIDELINES:

a.	1"-2" TREES	TWO STAKES PER TREE
b.	2-1/2"-4" TREES	THREE STAKES PER TREE
c.	TREES OVER 4" CALIPER	GUY AS NEEDED
d.	MULTI-TRUNK TREES	THREE STAKES PER TREE MINIMUM, QUANTITY AND POSITIONS AS NEEDED TO STABILIZE THE TREE

7. UPON COMPLETION OF PLANTING, CONSTRUCT AN EARTH WATERING BASIN AROUND THE TREE. COVER THE INTERIOR OF THE TREE RING WITH THE WEED BARRIER CLOTH AND TOPDRESS WITH MULCH (TYPE AND DEPTH PER PLANS).

D. SHRUB, PERENNIAL, AND GROUNDCOVER PLANTING
1. DIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROOTBALL. INSTALL THE PLANT IN THE HOLE. BACKFILL AROUND THE PLANT WITH SOIL AMENDED PER SOIL TEST RECOMMENDATIONS.
2. INSTALL THE WEED BARRIER CLOTH, OVERLAPPING IT AT THE ENDS. UTILIZE STEEL STAPLES TO KEEP THE WEED BARRIER CLOTH IN PLACE.
3. WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS, COVERING THE ENTIRE PLANTING AREA.

E. SODDING
1. SOD VARIETY TO BE AS SPECIFIED ON THE LANDSCAPE PLAN.
2. LAY SOD WITHIN 24 HOURS FROM THE TIME OF STRIPPING. DO NOT LAY IF THE GROUND IS FROZEN.
3. LAY THE SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD STRIPS - DO NOT OVERLAP. STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES.
4. ROLL THE SOD TO ENSURE GOOD CONTACT OF THE SOD'S ROOT SYSTEM WITH THE SOIL UNDERNEATH.
5. WATER THE SOD THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING TO OBTAIN AT LEAST SIX INCHES OF PENETRATION INTO THE SOIL BELOW THE SOD.

G. CLEAN UP
1. DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION.
2. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE.

H. INSPECTION AND ACCEPTANCE
1. UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.
2. WHEN THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, THE LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24 HOURS.
3. THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE.

I. LANDSCAPE MAINTENANCE
1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTING OF PLANTS THAT HAVE SETTLED, MOWING AND AERATION OF LAWNS, WEEDING, RESEEDING AREAS WHICH HAVE NOT GERMINATED WELL, TREATING FOR INSECTS AND DISEASES,REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.
2. SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL, HEALTHY STAND OF GRASS AT NO ADDITIONAL COST TO THE OWNER.
3. TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR:
   a. THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
   b. ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
   c. SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING. HYDROMULCHED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH. BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESODDED OR RESEEDED (AS APPROPRIATE) PRIOR TO FINAL ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.

J. WARRANTY PERIOD, PLANT GUARANTEE AND REPLACEMENTS
1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS, PERENNIALS, SOD, SEEDED/HYDROMULCHED AREAS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE (90 DAYS FOR ANNUAL PLANTS). THE CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY.
2. AFTER THE INITIAL MAINTENANCE PERIOD AND DURING THE GUARANTEE PERIOD, THE LANDSCAPE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DAMAGE BY HUMAN ACTIONS.

K. PROVIDE A MINIMUM OF (2) COPIES OF RECORD DRAWINGS TO THE OWNER UPON COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.

GENERAL GRADING & PLANTING NOTES

1. BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
3. IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.
   a. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
   b. CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
   c. THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (**BASED ON A SOIL TEST**, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED.
   d. ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   e. ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
   f. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
4. ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
   a. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
   b. **NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.** IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
   c. THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL SOLID SOD IN ALL RIGHT-OF-WAYS AND PARKWAYS (UNLESS NOT ALLOWED BY THE LOCAL JURISDICTION) AND SHALL PROVIDE WATERING AND MAINTENANCE UNTIL THE TURF IS ESTABLISHED AND HAS BEEN ACCEPTED BY OWNER.
6. THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.
7. SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

NOTE:
LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

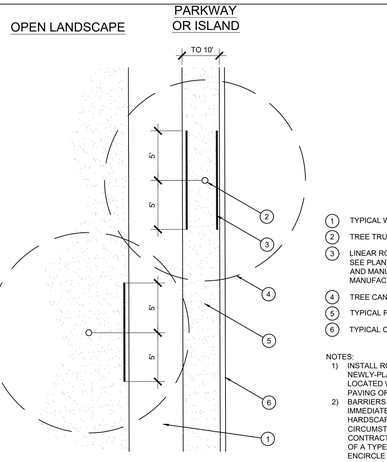
TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:
RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:
SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:
WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

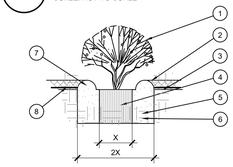


1. TYPICAL WALKWAY OR PAVING
2. TREE TRUNK
3. LINEAR ROOT BARRIER MATERIAL. SEE PLANTING NOTES FOR TYPE AND MANUFACTURER. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
4. TREE CANOPY
5. TYPICAL PLANTING AREA
6. TYPICAL CURB AND GUTTER

NOTES:
1) INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS.
2) BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

C ROOT BARRIER - PLAN VIEW

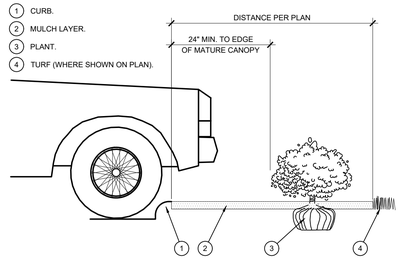
SCALE: NOT TO SCALE



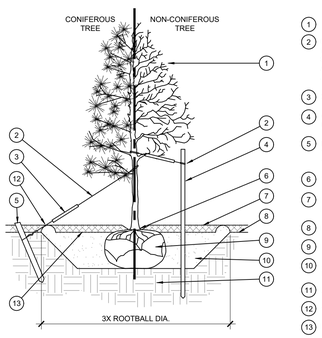
1. SHRUB, PERENNIAL, OR ORNAMENTAL GRASS.
2. MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT CENTER.
3. FINISH GRADE.
4. ROOT BALL.
5. BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.
6. UNDISTURBED NATIVE SOIL.
7. 3" HIGH EARTHEN WATERING BASIN.
8. WEED FABRIC UNDER MULCH.

D SHRUB AND GROUNDCOVER PLANTING

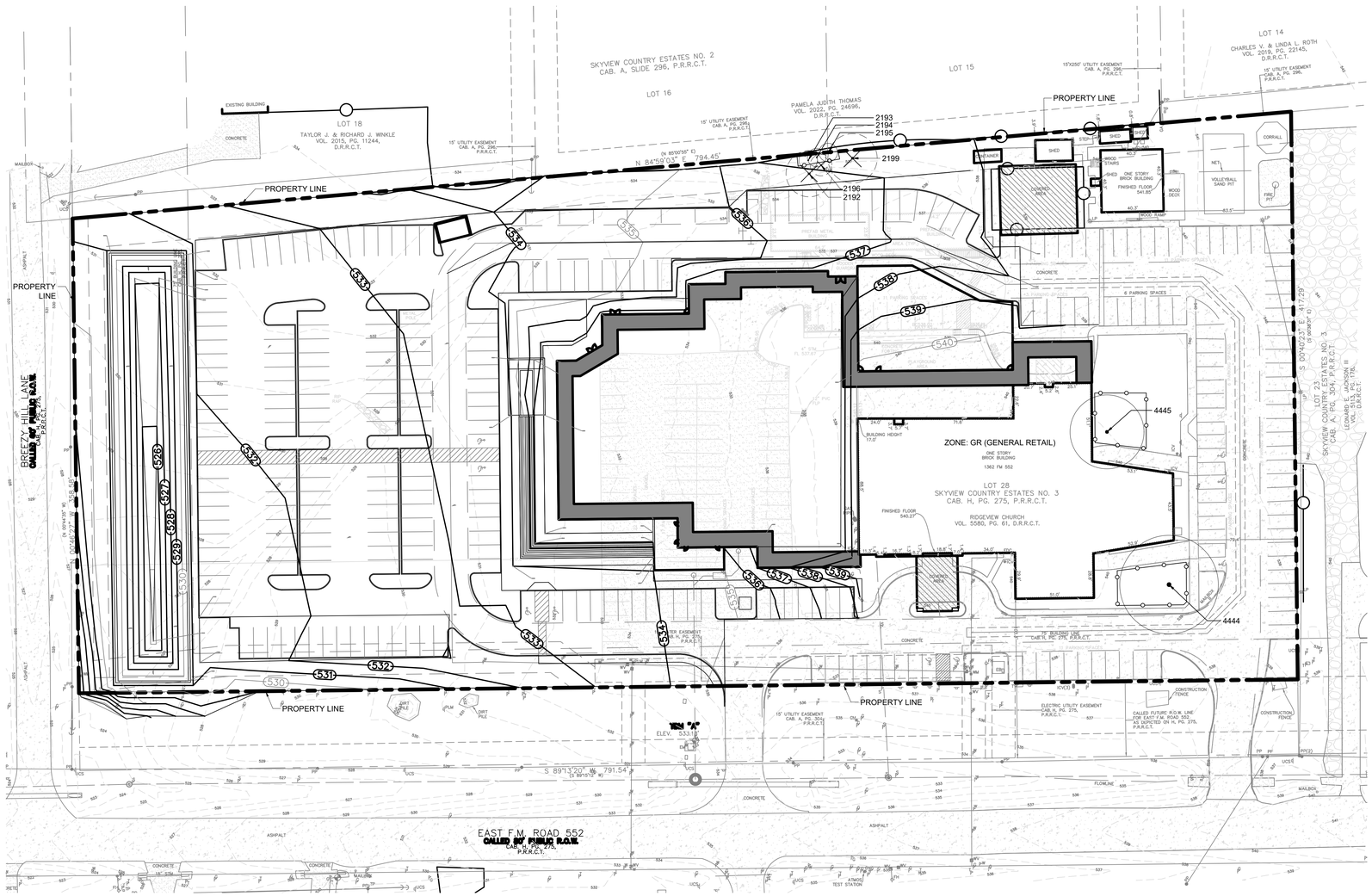
SCALE: NTS



1. CURB.
2. MULCH LAYER.
3. PLANT.
4. TURF (WHERE SHOWN ON PLAN).



1. TREE CANOPY.
2. CINCH-TIES (24" BOX/2" CAL. TREES AND SMALLER) OR 12 GAUGE GALVANIZED WIRE WITH NYLON TREE STRAPS AT TREE AND STAKE (36" BOX/2.5" CAL. TREES AND LARGER). SECURE TIES OR STRAPS TO TRUNK JUST ABOVE LOWEST MAJOR BRANCHES.
3. 24" X 3/4" P.V.C. MARKERS OVER WIRES.
4. GREEN STEEL T-POSTS. EXTEND POSTS 12" MIN. INTO UNDISTURBED SOIL.
5. PRESSURE-TREATED WOOD DEADMAN, TWO PER TREE (MIN.). BURY OUTSIDE OF PLANTING PIT AND 18" MIN. INTO UNDISTURBED SOIL.
6. TRUNK FLARE.
7. MULCH, TYPE AND DEPTH PER PLANS. DO NOT PLACE MULCH WITHIN 6" OF TRUNK.
8. FINISH GRADE.
9. ROOT BALL.
10. BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS.
11. UNDISTURBED NATIVE SOIL.
12. 4" HIGH EARTHEN WATERING BASIN.
13. F



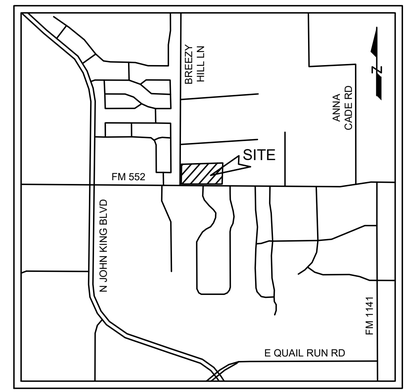
LEGEND

TREE # — EXISTING TREES OR PALMS TO BE PRESERVED & PROTECTED IN PLACE

TREE PROTECTION FENCE

TREE # — EXISTING TREE OR PALM TO BE REMOVED

THE DEVELOPER SHALL ERECT AN ORANGE PLASTIC MESH FENCE, OR OTHER APPROVED FENCING MATERIAL, A MINIMUM OF FOUR FEET IN HEIGHT AROUND EACH TREE OR GROUP OF TREES TO PREVENT THE PLACEMENT OF DEBRIS, EQUIPMENT, OR FILL WITHIN THE DRIPLINE OR CRITICAL ROOT ZONE. THE FENCE SHALL BE INSTALLED PRIOR TO THE RELEASE OF ANY PERMIT. IF THE PROTECTION FENCE IS FOUND REMOVED, DAMAGED, OR ALTERED AT ANY TIME DURING CONSTRUCTION PRIOR TO FINAL INSPECTION OR LANDSCAPE INSTALLATION, A STOP WORK ORDER MAY BE ISSUED BY THE BUILDING OFFICIAL.



VICINITY MAP
N.T.S.

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

TREE PROTECTION GENERAL NOTES

(A) REMOVED
(B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.
(C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.
(D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.
(E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.
(F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE CITY STAFF, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.
(G) THE CITY STAFF MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.
(H) IF, IN THE OPINION OF THE CITY STAFF, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

NOTE: TREE PROTECTION FOR ANY PRESERVED OR RELOCATED TREES MUST BE PROVIDED PER DETAILS AND SPECIFICATIONS ON SHEET TD-2. THESE MUST BE UP PRIOR TO THE COMMENCEMENT OF ANY WORK AND MAINTAINED THROUGHOUT CONSTRUCTION.

NOTE: ALL TREE TRIMMING MUST BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO COMMENCEMENT OF WORK. ALL TREE TRIMMING MUST BE DONE BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH LOCAL TREE PRESERVATION ORDINANCE.

TREE INVENTORY

RIDGEVIEW CHURCH, ROCKWALL TX						
LAST UPDATED:	25-06-12					
TREE ID	**SPECIES**	**DBH (INCHES)**	**STATUS**	**MITIGATION (INCHES)**	**PRESERVATION CREDIT**	**NOTES**
2192	WILLOW	15	TO REMOVE			NOT PROTECTED/ FEATURE TREE
2193	CEDAR	6	REMAIN			NOT PROTECTED (<11")
2194	OAK	6	REMAIN			
2195	OAK	6	REMAIN			
2196	HACKBERRY	7	TO REMOVE			NOT PROTECTED (<11")
2199	WILLOW	16	TO REMOVE			NOT PROTECTED/ FEATURE TREE
4444	AMERICAN	32	REMAIN			
4445	OAK	24	REMAIN			
TOTAL DBH		112				
TOTAL DBH REMOVED		**38**				ALL REMOVED TREES ARE NOT PROTECTED
MITIGATION				**0**	**0**	MAX PRESERVATION IS 20% OF TOTAL REPLACEMENT INCHES
TOTAL MITIGATION REQUIRED				**0**		

NOTE: "PLEASE NOTE THAT IF ANY TREES ARE BEING REMOVED FROM THE PROPERTY, A TREE DAY IS REQUIRED TO BE HELD."

NOTE:
LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:
RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:
SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:
WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

0 40' 80'
1" = 40'-0"

NORTH

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.6630
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING · IRRIGATION DESIGN

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS _____ DAY OF _____, 2025

_____ _____
PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

REGISTERED LANDSCAPE ARCHITECT
STEPHEN W. SALES
3470
STATE OF TEXAS

06/27/2025

TREE DISPOSITION PLAN

RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER
2024.011

DRAWING DATE
2025.06.27

SCALE
AS NOTED

DESIGNED BY

SHEET NUMBER
TD-1

TREE PROTECTION SPECIFICATIONS

MATERIALS

1. FABRIC: 4 FOOT HIGH ORANGE PLASTIC FENCING AS SHOWN ON THE PLANS AND SHALL BE WOVEN WITH 2 INCH MESH OPENINGS SUCH THAT IN A VERTICAL DIMENSION OF 23 INCHES ALONG THE DIAGONALS OF THE OPENINGS THERE SHALL BE AT LEAST 7 MESHES.
2. POSTS: POSTS SHALL BE A MINIMUM OF 72 INCHES LONG AND STEEL 'T' SHAPED WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAR FOOT.
3. TIE WIRE: WIRE FOR ATTACHING THE FABRIC TO THE T-POSTS SHALL BE NOT LESS THAN NO. 12 GAUGE GALVANIZED WIRE,
4. USED MATERIALS: PREVIOUSLY-USED MATERIALS, MEETING THE ABOVE REQUIREMENTS AND WHEN APPROVED BY THE OWNER, MAY BE USED.

CONSTRUCTION METHODS

1. ALL TREES AND SHRUBS SHOWN TO REMAIN WITHIN THE PROXIMITY OF THE CONSTRUCTION SITE SHALL BE PROTECTED PRIOR TO BEGINNING ANY DEVELOPMENT ACTIVITY.
2. EMPLOY THE SERVICES OF AN ISA (INTERNATIONAL SOCIETY OF ARBORICULTURE) CERTIFIED ARBORIST AND OBTAIN ALL REQUIRED PERMITS TO PRUNE THE EXISTING TREES FOR CLEANING, RAISING AND THINNING, AS MAY BE REQUIRED.
3. PROTECTIVE FENCING SHALL BE ERECTED OUTSIDE THE CRITICAL ROOT ZONE (CRZ, EQUAL TO 1' FROM THE TRUNK FOR EVERY 1" OF DBH) AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE LANDSCAPE CONSULTANT AND/OR CITY ARBORIST, AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. FENCING SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. TREES IN CLOSE PROXIMITY SHALL BE FENCED TOGETHER, RATHER THAN INDIVIDUALLY.
4. PROTECTIVE FENCE LOCATIONS IN CLOSE PROXIMITY TO STREET INTERSECTIONS OR DRIVES SHALL ADHERE TO THE APPLICABLE JURISDICTION'S SIGHT DISTANCE CRITERIA.
5. THE PROTECTIVE FENCING SHALL BE ERECTED BEFORE SITE WORK COMMENCES AND SHALL REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PHASE.
6. THE INSTALLATION POSTS SHALL BE PLACED EVERY 6 FEET ON CENTER AND EMBEDDED TO 18 INCHES DEEP. MESH FABRIC SHALL BE ATTACHED TO THE INSTALLATION POSTS BY THE USE OF SUFFICIENT WIRE TIES TO SECURELY FASTEN THE FABRIC TO THE T-POSTS TO HOLD THE FABRIC IN A STABLE AND UPRIGHT POSITION.
7. WITHIN THE CRZ:
   a. DO NOT CLEAR, FILL OR GRADE IN THE CRZ OF ANY TREE.
   b. DO NOT STORE, STOCKPILE OR DUMP ANY JOB MATERIAL, SOIL OR RUBBISH UNDER THE SPREAD OF THE TREE BRANCHES.
   c. DO NOT PARK OR STORE ANY EQUIPMENT OR SUPPLIES UNDER THE TREE CANOPY.
   d. DO NOT SET UP ANY CONSTRUCTION OPERATIONS UNDER THE TREE CANOPY (SUCH AS PIPE CUTTING AND THREADING, MORTAR MIXING, PAINTING OR LUMBER CUTTING).
   e. DO NOT NAIL OR ATTACH TEMPORARY SIGNS METERS, SWITCHES, WIRES, BRACING OR ANY OTHER ITEM TO THE TREES.
   f. DO NOT PERMIT RUNOFF FROM WASTE MATERIALS INCLUDING SOLVENTS, CONCRETE WASHOUTS, ASPHALT TACK COATS (MC-30 OIL), ETC. TO ENTER THE CRZ. BARRIERS ARE TO BE PROVIDED TO PREVENT SUCH RUNOFF SUBSTANCES FROM ENTERING THE CRZ WHENEVER POSSIBLE, INCLUDING IN AN AREA WHERE RAIN OR SURFACE WATER COULD CARRY SUCH MATERIALS TO THE ROOT SYSTEM OF THE TREE.
8. ROUTE UNDERGROUND UTILITIES TO AVOID THE CRZ. IF DIGGING IS UNAVOIDABLE, BORE UNDER THE ROOTS, OR HAND DIG TO AVOID SEVERING THEM.
9. WHERE EXCAVATION IN THE VICINITY OF TREES MUST OCCUR, SUCH AS FOR IRRIGATION INSTALLATION, PROCEED WITH CAUTION, AND USING HAND TOOLS ONLY.
10. THE CONTRACTOR SHALL NOT CUT ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATION OCCURS NEAR EXISTING TREES. ALL ROOTS LARGER THAN ONE INCH IN DIAMETER ARE TO BE CUT CLEANLY. FOR OAKS ONLY, ALL WOUNDS SHALL BE PAINTED WITH WOUND SEALER WITHIN 30 MINUTES
11. REMOVE ALL TREES, SHRUBS OR BUSHES TO BE CLEARED FROM PROTECTED ROOT ZONE AREAS BY HAND.
12. TREES DAMAGED OR KILLED DUE TO CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AT THE CONTRACTOR'S EXPENSE AND TO THE PROJECT OWNER'S AND LOCAL JURISDICTION'S SATISFACTION.
13. ANY TREE REMOVAL SHALL BE APPROVED BY THE OWNER AND LOCAL JURISDICTION PRIOR TO ITS REMOVAL, AND THE CONTRACTOR SHALL HAVE ALL REQUIRED PERMITS FOR SUCH ACTIVITIES.
14. COVER EXPOSED ROOTS AT THE END OF EACH DAY WITH SOIL, MULCH OR WET BURLAP.
15. IN CRITICAL ROOT ZONE AREAS THAT CANNOT BE PROTECTED DUING CONSTRUCTION AND WHERE HEAVY TRAFFIC IS ANTICIPATED, COVER THE SOIL WITH EIGHT INCHES OF ORGANIC MULCH TO MINIMIZE SOIL COMPACTION. THIS EIGHT INCH DEPTH OF MULCH SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
16. WATER ALL TREES IMPACTED BY CONSTRUCTION ACTIVITIES, DEEPLY ONCE A WEEK DURING PERIODS OF HOT DRY WEATHER. SPRAY TREE CROWNS WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
17. WHEN INSTALLING CONCRETE ADJACENT TO THE ROOT ZONE OF A TREE, USE A PLASTIC VAPOR BARRIER BEHIND THE CONCRETE TO PROHIBIT LEACHING OF LIME INTO THE SOIL.
18. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TREE PROTECTION FENCING WHEN ALL THREATS TO THE EXISTING TREES FROM CONSTRUCTION-RELATED ACTIVITIES HAVE BEEN REMOVED.

TREE PROTECTION GENERAL NOTES

(A) PRIOR TO THE LAND CLEARING STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL CLEARLY MARK ALL PROTECTED TREES FOR WHICH A TREE REMOVAL PERMIT HAS NOT BEEN ISSUED AND SHALL ERECT BARRIERS FOR THE PROTECTION OF THE TREES ACCORDING TO THE FOLLOWING:
   (1) AROUND AN AREA AT OR GREATER THAN A SIX-FOOT RADIUS OF ALL SPECIES OF MANGROVES AND PROTECTED CABBAGE PALMS;
   (2) AROUND AN AREA AT OR GREATER THAN THE FULL DRIPLINE OF ALL PROTECTED NATIVE PINES;
   (3) AROUND AN AREA AT OR GREATER THAN TWO-THIRDS OF THE DRIPLINE OF ALL OTHER PROTECTED SPECIES.

(B) NO PERSON SHALL ATTACH ANY SIGN, NOTICE OR OTHER OBJECT TO ANY PROTECTED TREE OR FASTEN ANY WIRES, CABLES, NAILS OR SCREWS TO ANY PROTECTED TREE IN ANY MANNER THAT COULD PROVE HARMFUL TO THE PROTECTED TREE, EXCEPT AS NECESSARY IN CONJUNCTION WITH ACTIVITIES IN THE PUBLIC INTEREST.

(C) DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE OUTSIDE PERIMETER OR THE CROWN (DRIPLINE) OR ON THE NEARBY GROUND OF ANY TREE OR GROUP OF TREES WHICH IS TO BE PRESERVED. WITHIN THE OUTSIDE PERIMETER OF THE CROWN (DRIPLINE) OF ANY TREE OR ON NEARBY GROUND, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT STORAGE OF BUILDING MATERIAL AND/OR EQUIPMENT, OR DISPOSAL OF WASTE MATERIAL SUCH AS PAINTS, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF THE TREE.

(D) NO PERSON SHALL PERMIT ANY UNNECESSARY FIRE OR BURNING WITHIN 30 FEET OF THE DRIPLINE OF A PROTECTED TREE.

(E) ANY LANDSCAPING ACTIVITIES WITHIN THE BARRIER AREA SHALL BE ACCOMPLISHED WITH HAND LABOR.

(F) PRIOR TO ISSUING A CERTIFICATE OF OCCUPANCY OR COMPLIANCE FOR ANY DEVELOPMENT, BUILDING OR STRUCTURE, ALL TREES DESIGNATED TO BE PRESERVED THAT WERE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR WITH TREES OF EQUIVALENT DIAMETER AT BREAST HEIGHT TREE CALIPER AND OF THE SAME SPECIES AS SPECIFIED BY THE COUNTY ADMINISTRATOR, BEFORE OCCUPANCY OR USE, UNLESS APPROVAL FOR THEIR REMOVAL HAS BEEN GRANTED UNDER PERMIT.

(G) THE COUNTY ADMINISTRATOR MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARANCE AND CONSTRUCTION.

(H) IF, IN THE OPINION OF THE COUNTY ADMINISTRATOR, DEVELOPMENT ACTIVITIES WILL SO SEVERELY STRESS SLASH PINES OR ANY OTHER PROTECTED TREE SUCH THAT THEY ARE MADE SUSCEPTIBLE TO INSECT ATTACK, PREVENTATIVE SPRAYING OF THESE TREES BY THE CONTRACTOR MAY BE REQUIRED.

TREE RELOCATION GUIDELINES

1. TREES SHALL NOT BE UNNECESSARILY DAMAGED DURING REMOVAL, TRANSPORT OR REPLANTING OF THE TREE.
2. IF THE TREE HAS A DORMANT PERIOD, THEY SHOULD BE TRANSPLANTED DURING THAT TIME. TREES SHOULD NOT BE TRANSPLANTED DURING PERIODS OF STRONG WINDS, DRY WINTER WINDS OR DURING DROUGHT.
3. ADEQUATE SPACES FOR ROOT AND CROWN DEVELOPMENT SHALL BE PROVIDED.
4. TREES SHALL BE ROOT AND CANOPY PRUNED IN ACCORDANCE WITH SOUND ARBORICULTURAL STANDARDS PRIOR TO TRANSPLANTING.
5. DURING AND FOLLOWING TRANSPLANTING, THE ROOT BALL AND TRUNK SHALL BE PROTECTED. THE ROOT BALL MUST BE KEPT MOIST AT ALL TIMES.
6. TRANSPLANTED TREES SHALL BE BRACED FOR A MINIMUM OF ONE (1) YEAR.
7. TRANSPLANTED TREES SHALL NOT BE FERTILIZED AT PLANTING TIME, BUT SHALL BE WATERED SUFFICIENTLY UNTIL THE TREE GROWTH IS REESTABLISHED.
8. ALL CROWN PRUNING SHALL BE DONE IN ACCORDANCE WITH "THE AMERICAN NATIONAL STANDARDS INSTITUTE A-300, TREE SHRUB AND OTHER WOODY PLANT MAINTENANCE-STANDARD PRACTICES", AND "Z-133.1 PRUNING, REPAIRING, MAINTAINING AND REMOVING TREES, AND CUTTING BRUSH-SAFETY REQUIREMENTS" OR PALM PRUNING IN ACCORDANCE WITH THE STANDARDS IN, RICHARD HARRIS, "ARBORICULTURE INTEGRATED MANAGEMENT OF LANDSCAPE TREES, SHRUBS AND VINES", AS AMENDED.
9. CONTRACTOR IS RESPONSIBLE FOR REGULAR WATERING AND MAINTENANCE OF TRANSPLANTED TREES DURING STORAGE PERIOD.

NOTE:
LINEWORK BASED ON TOPOGRAPHIC SURVEY INFORMATION ACQUIRED ON 4/04/2025 BY WINDROSE SURVEYING AND LAND SERVICES, LLC

TEXAS ONE CALL

CONTRACTOR SHALL CALL 811 (DIGTESS) PRIOR TO DISTURBANCE OF ANY ITEMS ON SITE FOR UTILITY LOCATES

OWNER:

RIDGEVIEW CHURCH
1362 FM ROAD 552
ROCKWALL, TEXAS 75087
PHONE: 972.771.2661
ATTN: FELIX TAN

ENGINEER:

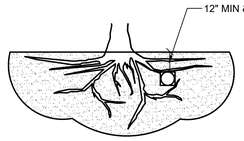
SUTHERLAND KING CONSULTING, LLC
6430 MEADOWCREEK DRIVE
DALLAS, TEXAS 75254
PHONE: 214,208,0519
ATTN: GRAYSON HUGHES, PE

SURVEYOR:

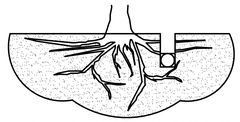
WINDROSE SURVEYING & LAND SERVICES, LLC
1959 LAKEWAY DRIVE
LEWISVILLE, TEXAS 75057
PHONE: 325.217.2544
ATTN: CHAD ODEN

TREES THAT ARE MARKED TO BE PRESERVED ON A SITE PLAN AND FOR WHICH UTILITIES MUST PASS TROUGH THEIR ROOT PROTECTION ZONES MAY REQUIRE TUNNELING AS OPPOSED TO OPEN TRENCHES. THE DECISION TO TUNNEL WILL BE DETERMINED ON A CASE BY CASE BASIS BY THE ENGINEER.

TUNNELS SHALL BE DUG THROUGH THE ROOT PROTECTION ZONE IN ORDER TO MINIMIZE ROOT DAMAGE.



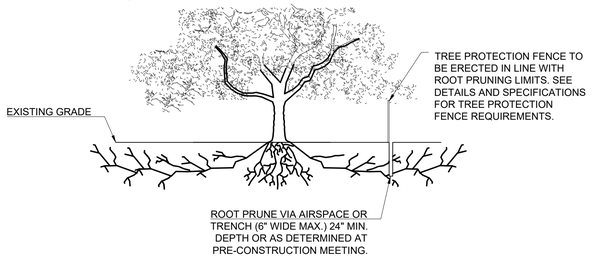
TUNNEL TO MINIMIZE ROOT DAMAGE (TOP) AS OPPOSED TO SURFACE-DUG TRENCHES IN ROOT PROTECTION ZONE WHEN THE 5' MINIMUM DISTANCE FROM TRUNK CAN NOT BE ACHIEVED.



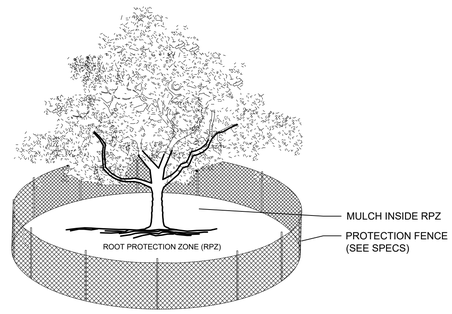
OPEN TRENCHING MAY BE USED IF EXPOSED TREE ROOTS DO NOT EXCEED 3" OR ROOTS CAN BE BENT BACK.

C BORING THROUGH ROOT PROTECTION ZONE
SCALE: NOT TO SCALE

NOTES
1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRE-CONSTRUCTION MEETING.
2. BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRE-CONSTRUCTION MEETING AND FLAGGED PRIOR TO ROOT PRUNING.
3. EXACT LOCATION OF ROOT PRUNING SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FORESTRY INSPECTOR .
4. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FORESTRY INSPECTOR.
5. ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT. ROT PRUNING METHODS AND MEANS MUST BE IN ACCORDANCE WITH ANSI STANDARD A3000.
6. ALL PRUNING MUST BE EXECUTED AT LOD SHOWN ON PLANS OR AS AUTHORIZED IN WRITING BY THE FORESTRY INSPECTOR.
7. SUPPLEMENTAL WATERING MAY BE REQUIRED FOR ROOT PRUNED TREES THROUGHOUT THE GROWING SEASON DURING CONSTRUCTION AND SUBSEQUENT WARRANTY AND MAINTENANCE PERIOD.

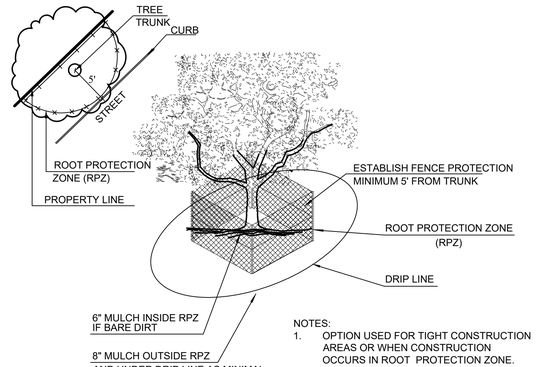


D ROOT PRUNING DETAIL
SCALE: NOT TO SCALE



NOTES:
1. THE FENCING LOCATION SHOWN ABOVE IS DIAGRAMATIC ONLY AND WILL CONFORM TO THE DRIP LINE AND BE LIMITED TO PROJECT BOUNDARY. WHERE MULTIPLE ADJACENT TREES WILL BE ENCLOSED BY FENCING, THE FENCING SHALL BE CONTINUOUS AROUND ALL TREES.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

A TREE PROTECTION FENCE
SCALE: NOT TO SCALE



NOTES:
1. OPTION USED FOR TIGHT CONSTRUCTION AREAS OR WHEN CONSTRUCTION OCCURS IN ROOT PROTECTION ZONE.
2. FOR ACCEPTABLE FENCING MATERIALS SEE SPECIFICATIONS.

B TREE PROTECTION FENCE - TIGHT CONSTRUCTION
SCALE: NOT TO SCALE

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS ____ DAY OF _____, 2025

_____ _____
PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

National Presence. Local Expertise.
EVERGREEN DESIGN GROUP
800.680.6630
www.evergreendesigngroup.com
LANDSCAPE ARCHITECTURE
LAND PLANNING IRRIGATION DESIGN

No.	DATE	DESCRIPTION

SUTHERLAND KING
6430 MEADOWCREEK DR
DALLAS, TX
75254
SUTHERLANDKING.COM
TX FIRM No. F-22938
PHONE: 214.208.0519

STEPHEN W. SALES — REGISTERED LANDSCAPE ARCHITECT — 3479 — STATE OF TEXAS

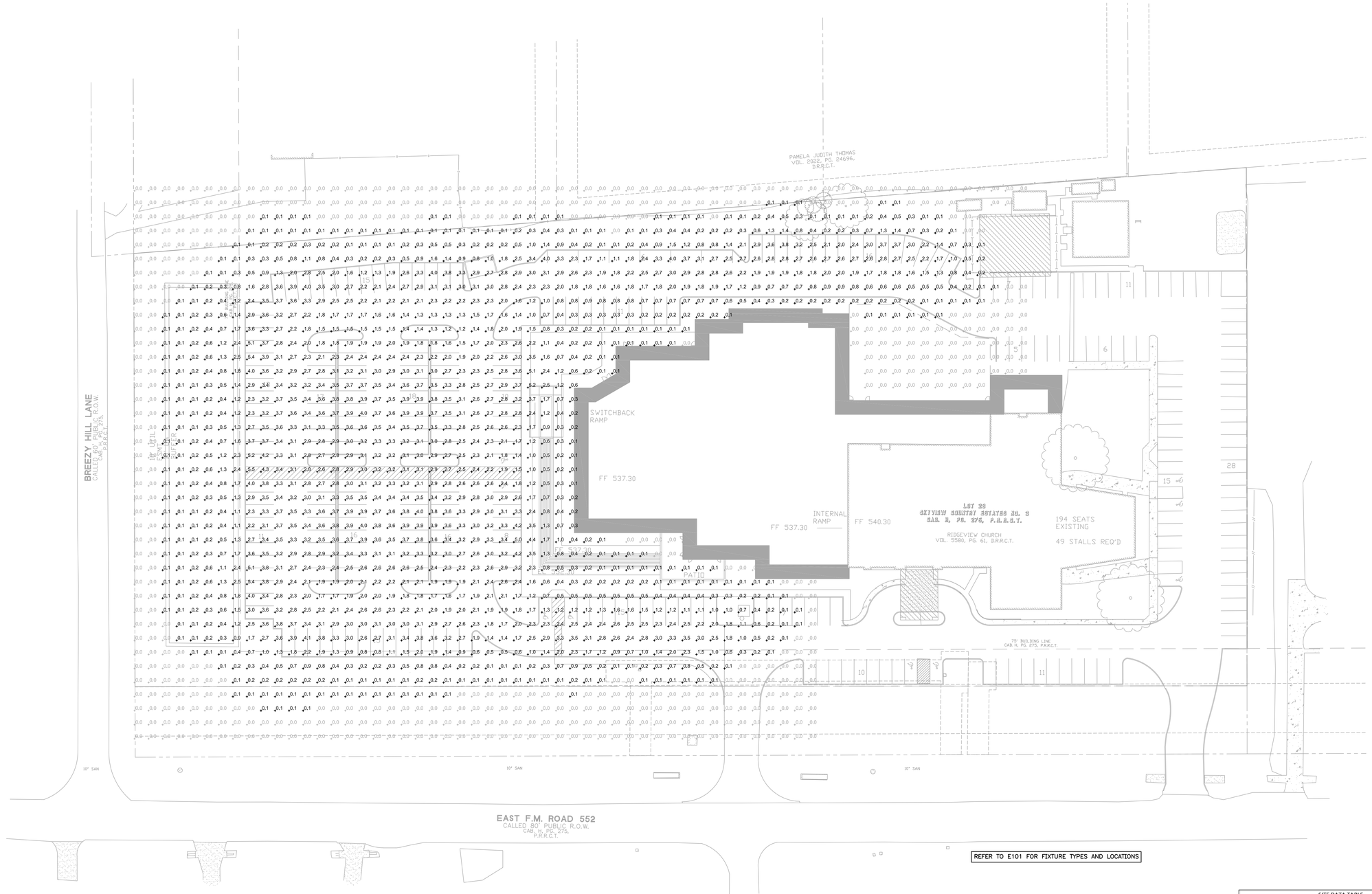
06/27/2025

TREE PROTECTION SPECIFICATIONS & DETAILS

RIDGEVIEW CHURCH EXPANSION
1362 EAST FM ROAD 552
ROCKWALL, TEXAS

PROJECT NUMBER 2024.011
DRAWING DATE 2025.06.27
SCALE AS NOTED
DESIGNED BY

SHEET NUMBER
TD-2



REFER TO E101 FOR FIXTURE TYPES AND LOCATIONS

1 SITE PLAN - PHOTOMETRIC
SCALE: 1"=30'-0"

SITE DATA TABLE	
ZONING	GENERAL RETAIL
LAND USE	CHURCH / HOUSE OF WORSHIP
LOT AREA	7.03 AC (307,196 SF)
BUILDING AREA	53,904 SF
EXISTING SANCTUARY SEATS	194
PROPOSED SANCTUARY SEATS	819
TOTAL SANCTUARY SEATS	1,013
PROPOSED BUILDING HEIGHT	25 FEET
BUILDING STORIES	SINGLE STORY
FINISH FLOOR ELEVATION	540.3
LOT COVERAGE	17.50%
FLOOR AREA RATIO	0.1750
TOTAL PARKING REQUIRED	1 SPACE PER 4 WORSHIP SEATS
TOTAL PARKING REQUIRED	254
TOTAL PARKING PROVIDED	286
TOTAL HC PARKING REQ'D	7
TOTAL HC PARKING PROVIDED	9

ROCKWALL SITE PLAN CASE No. SP2025-025

SITE PLAN SIGNATURE BLOCK

APPROVED:
I HEARBY CERTIFY THAT THE ABOVE AND FOREGOING SITE PLAN FOR A DEVELOPMENT IN THE CITY OF ROCKWALL, TEXAS, WAS APPROVED BY THE PLANNING & ZONING COMMISSION OF THE CITY OF ROCKWALL ON THE FOLLOWING DATE:

APPROVAL DATE: _____

WITNESS OUR HANDS ON THIS ____ DAY OF _____ 2025

PLANNING & ZONING COMMISSION, CHAIR PLANNING DIRECTOR

V3 CONSULTING ENGINEERS
VIGILANT - VIABLE - VIRTUOUS
TEXAS REGISTRATION # F-20374
V3 PROJECT #: 24080

NO.	DATE	ISSUE/ REVISION
1	05-13-2025	ISSUED FOR SITE PLAN APPROVAL
2	06-30-2025	SITE PLAN COMMENTS

OLER SENTZ
TEXAS FIRM NO: F-26123
2715 E. STONE ROAD, WYLIE, TEXAS 75098

STATE OF TEXAS
STRIDER E. STEELE
108903
LICENSED
PROFESSIONAL ENGINEER
06/30/2025

PROJECT: RIDGEVIEW CHURCH EXPANSION
FM 552
ROCKWALL, TX 75087

SHEET TITLE: SITE PLAN - PHOTOMETRIC

E102

SCALE: AS NOTED



RSX2 LED
Area Luminaire

Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Specifications

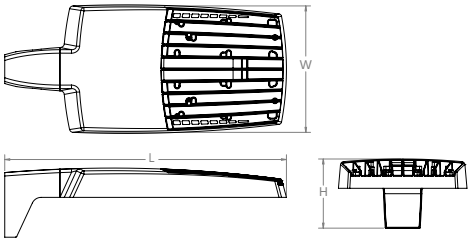
EPA (ft²@0°): 0.69 ft² (0.06 m²)

Length: 29.3" (74.4 cm) (SPA mount)

Width: 13.4" (34.0 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm

Weight (SPA mount): 30.0 lbs (13.6 kg)



design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) [2]	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) [3]	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	XVOLT (277V-480V) [4]	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide	(use specific voltage for options as noted)	IS Adjustable slipfitter (fits 2-3/8" OD tenon) [6]
	P5		R4S Type 4 Short	120 [3] 277 [5]	WBA Wall bracket [1]
	P6		R5 Type 5 Wide [1]	208 [3] 347 [5]	WBASC Wall bracket with surface conduit box
			R5S Type 5 Short [1]	240 [3] 480 [5]	AASP Adjustable tilt arm square pole mounting [6]
			AFR Automotive Front Row		AARP Adjustable tilt arm round pole mounting [6]
			AFRR90 Automotive Front Row Right Rotated		AAWB Adjustable tilt arm with wall bracket [6]
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box [6]

Options

Shipped Installed

HS	House-side shield [7]
PE	Photocontrol, button style [8,9]
PER7	Seven-wire twist-lock receptacle only (no controls) [9, 10, 11]
SF	Single fuse (120, 277, 347) [5]
DF	Double fuse (208, 240, 480) [5]
SPD20KV	20KV Surge pack (10KV standard)
FAO	Field adjustable output [9]
DMG	0-10V dimming extend out back of housing for external control (control ordered separate) [9]
DS	Dual switching [9,12]

Shipped Installed

***Standalone and Networked Sensors/Controls (factory default settings, see table page 9)**

NLTAIR2 PIRHN	nLight AIR generation 2 ,with Networked, Bi-Level motion/ambient sensor [9, 13, 14, 15]
BAA	Buy America(n) Act and/or Build America Buy America Qualified
CCE	Coastal Construction [16]

*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.

Shipped Separately (requires some field assembly)

EGS	External glare shield [7]
EGFV	External glare full visor (360° around light aperture) [7]
BS	Bird spikes [17]

Finish

DDBXD	Dark Bronze
DBLXD	Black
DNAXD	Natural Aluminum
DWHXD	White
DDBTXD	Textured Dark Bronze
DBLBXD	Textured Black
DNATXD	Textured Natural Aluminum
DWHGXD	Textured White

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

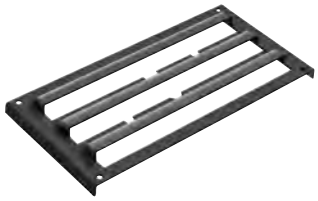
Ordering Information

Accessories
Ordered and shipped separately.

RSX2HS	RSX2 House side shield (includes 2 shields)
RSX2EGS (FINISH) U	External glare shield (specify finish)
RSX2HSAFRR (FINISH) U	RSX2 House side shields for AFR rotated optics (includes 2 shields)
RSX2EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) [1]
RSXSCB (FINISH) U DLL127F 1.5 JU	RSX Surface conduit box (specify finish, for use with WBA, WBA not included) Photocell -SSL twist-lock (120-277V) [18]
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) [18]
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) [18]
DSHORT SBK U	Shorting cap [18]

NOTES
1 Any Type 5 distribution, is not available with WBA.
2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
4 XVOLT driver not available with P1. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
5 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
6 Maximum tilt is 90° above horizontal.
7 It may be ordered as an accessory.
8 Requires MVOLT or 347V.
9 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
10 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
11 For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
12 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P5 and P6.
13 Must be ordered with PIRHN.
14 Requires MVOLT or HVOLT.
15 Must be ordered with NLTAIR2. For additional information on PIRHN visit here.
16 CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
17 Must be ordered with fixture for factory pre-drilling.
18 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

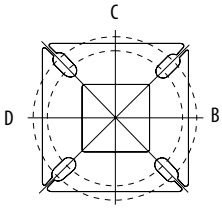


External 360 Full Visor

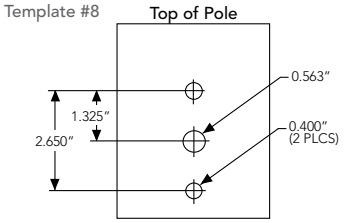
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

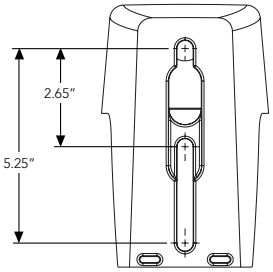
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

Tenon O.D.	RSX Mounting	Single	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	**Drill Nomenclature**	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX2 - Luminaire EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

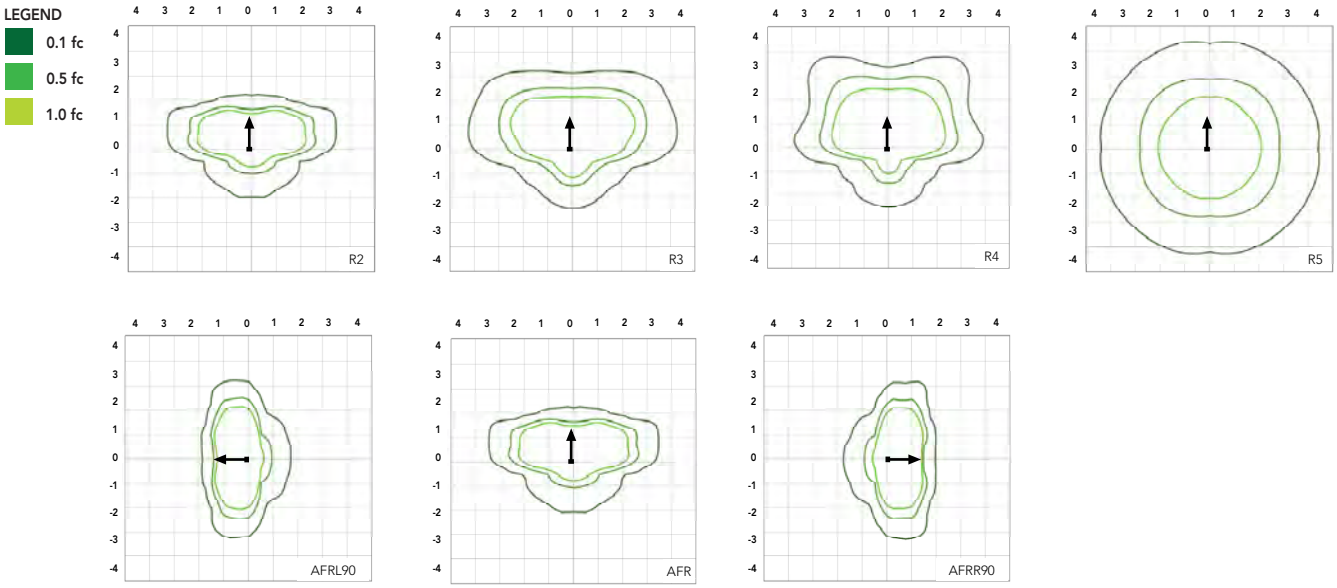
Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	**Tilt**									
SPA - Square Pole Adaptor	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
RPA - Round Pole Adaptor		0.74	1.27	1.37	1.9	1.71	2.49	1.42	2.16	2.84
MA - Mast Arm Adaptor		0.61	1.14	1.11	1.64	1.45	2.23	1.29	1.9	2.58
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0°	0.69	1.22	1.27	1.8	1.61	2.39	1.37	2.06	2.74
	10°	0.53	1.06	1.05	1.58	1.37	2.08	1.06	1.59	2.12
	20°	0.52	1.02	1.03	1.52	1.33	2.02	1.03	1.55	2.07
	30°	0.64	1.11	1.18	1.63	1.45	2.21	1.27	1.91	2.54
	40°	0.81	1.21	1.35	1.74	1.65	2.39	1.62	2.43	3.23
	45°	0.91	1.25	1.5	1.81	1.75	2.48	1.82	2.73	3.64
	50°	1.34	1.83	2.17	2.61	2.56	3.62	2.68	4.02	5.36
	60°	2.2	2.97	3.57	4.24	4.17	5.89	4.41	6.61	8.82
	70°	2.86	4.13	4.7	5.89	5.71	8.21	5.71	8.57	11.42
	80°	3.4	5.13	5.67	7.34	7.09	10.21	6.79	10.19	13.59
	90°	3.85	5.96	6.55	8.58	8.31	11.88	7.70	11.56	15.41

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

		Current (A)					
Performance Package	System Watts (W)	120V	208V	240V	277V	347V	480V
P1	71W	0.59	0.34	0.30	0.26	0.20	0.15
P2	111W	0.93	0.53	0.46	0.40	0.32	0.23
P3	147W	1.23	0.70	0.61	0.53	0.42	0.31
P4	187W	1.55	0.90	0.78	0.68	0.53	0.38
P5	210W	1.75	1.01	0.87	0.76	0.60	0.44
P6	244W	2.03	1.17	1.01	0.88	0.70	0.51

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution. Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	71W	R2	10,040	2	0	1	139	11,031	2	0	1	153	11,031	2	0	1	153
		R3	10,005	2	0	2	141	10,992	2	0	2	155	10,992	2	0	2	155
		R3S	10,271	2	0	2	143	11,285	2	0	2	157	11,285	2	0	2	157
		R4	10,136	2	0	2	143	11,136	2	0	2	157	11,136	2	0	2	157
		R4S	9,779	2	0	2	138	10,744	2	0	2	151	10,744	2	0	2	151
		R5	10,271	4	0	2	145	11,285	4	0	2	159	11,285	4	0	2	159
		R5S	10,544	3	0	1	149	11,585	3	0	2	163	11,585	3	0	2	163
		AFR	10,026	2	0	1	141	11,016	2	0	1	155	11,016	2	0	1	155
		AFRR90	10,122	3	0	2	140	11,121	3	0	2	154	11,121	3	0	2	154
		AFRL90	10,164	3	0	2	141	11,167	3	0	2	155	11,167	3	0	2	155
P2	111W	R2	15,712	2	0	2	138	17,263	2	0	2	151	17,263	2	0	2	151
		R3	15,657	2	0	3	141	17,202	3	0	3	155	17,202	3	0	3	155
		R3S	16,075	2	0	2	141	17,661	2	0	2	155	17,661	2	0	2	155
		R4	15,862	2	0	3	143	17,427	2	0	3	157	17,427	2	0	3	157
		R4S	15,304	2	0	2	138	16,815	2	0	2	151	16,815	2	0	2	151
		R5	16,075	4	0	2	145	17,661	5	0	3	159	17,661	5	0	3	159
		R5S	16,502	4	0	2	149	18,130	4	0	2	163	18,130	4	0	2	163
		AFR	15,691	2	0	2	141	17,240	2	0	2	155	17,240	2	0	2	155
		AFRR90	15,841	3	0	3	139	17,404	4	0	3	153	17,404	4	0	3	153
		AFRL90	15,907	3	0	3	139	17,477	4	0	3	153	17,477	4	0	3	153
P3	147W	R2	19,855	3	0	2	132	21,814	3	0	2	145	21,814	3	0	2	145
		R3	19,785	3	0	3	135	21,737	3	0	4	148	21,737	3	0	4	148
		R3S	20,312	3	0	3	135	22,317	3	0	3	149	22,317	3	0	3	149
		R4	20,044	3	0	3	136	22,022	3	0	4	150	22,022	3	0	4	150
		R4S	19,339	3	0	3	132	21,247	3	0	3	145	21,247	3	0	3	145
		R5	20,313	5	0	3	138	22,317	5	0	3	152	22,317	5	0	3	152
		R5S	20,852	4	0	2	142	22,910	4	0	2	156	22,910	4	0	2	156
		AFR	19,828	3	0	2	135	21,785	3	0	2	148	21,785	3	0	2	148
		AFRR90	20,017	4	0	3	133	21,992	4	0	3	147	21,992	4	0	3	147
		AFRL90	20,101	4	0	3	134	22,084	4	0	3	147	22,084	4	0	3	147
P4	187W	R2	22,836	3	0	2	120	25,090	3	0	2	132	25,090	3	0	2	132
		R3	22,756	3	0	4	122	25,002	3	0	4	134	25,002	3	0	4	134
		R3S	23,363	3	0	3	123	25,668	3	0	3	135	25,668	3	0	3	135
		R4	23,054	3	0	4	123	25,329	3	0	4	135	25,329	3	0	4	135
		R4S	22,243	3	0	3	119	25,059	3	0	3	134	25,059	3	0	3	134
		R5	23,363	5	0	3	125	25,669	5	0	4	137	25,669	5	0	4	137
		R5S	23,983	4	0	2	128	26,350	4	0	2	141	26,350	4	0	2	141
		AFR	22,806	3	0	2	122	25,056	3	0	2	134	25,056	3	0	2	134
		AFRR90	23,023	4	0	3	121	25,295	4	0	3	133	25,295	4	0	3	133
		AFRL90	23,120	4	0	3	122	25,401	4	0	3	134	25,401	4	0	3	134
P5	210W	R2	26,141	3	0	2	122	28,721	3	0	2	135	28,721	3	0	2	135
		R3	26,049	3	0	4	124	28,620	3	0	4	136	28,620	3	0	4	136
		R3S	26,744	3	0	3	125	29,383	3	0	4	138	29,383	3	0	4	138
		R4	26,390	3	0	4	126	28,994	3	0	4	138	28,994	3	0	4	138
		R4S	25,462	3	0	3	121	27,974	3	0	3	133	27,974	3	0	3	133
		R5	26,744	5	0	4	127	29,383	5	0	4	140	29,383	5	0	4	140
		R5S	27,454	4	0	2	131	30,163	4	0	2	144	30,163	4	0	2	144
		AFR	26,106	3	0	2	124	28,682	3	0	2	137	28,682	3	0	2	137
		AFRR90	26,354	4	0	3	123	28,955	5	0	3	136	28,955	5	0	3	136
		AFRL90	26,465	4	0	3	124	29,077	5	0	3	136	29,077	5	0	3	136
P6	244W	R2	27,646	3	0	2	112	30,374	3	0	2	123	30,374	3	0	2	123
		R3	27,549	3	0	4	113	30,267	3	0	4	124	30,267	3	0	4	124
		R3S	28,283	3	0	3	115	31,075	3	0	4	126	31,075	3	0	4	126
		R4	27,909	3	0	4	114	30,663	3	0	4	126	30,663	3	0	4	126
		R4S	26,928	3	0	3	110	29,585	3	0	3	121	29,585	3	0	3	121
		R5	28,284	5	0	4	116	31,075	5	0	4	127	31,075	5	0	4	127
		R5S	29,035	4	0	2	119	31,900	5	0	3	131	31,900	5	0	3	131
		AFR	27,608	3	0	2	112	30,332	3	0	2	123	30,332	3	0	2	123
		AFRR90	27,872	4	0	3	113	30,622	5	0	3	124	30,622	5	0	3	124
		AFRL90	27,989	4	0	3	113	30,751	5	0	3	125	30,751	5	0	3	125

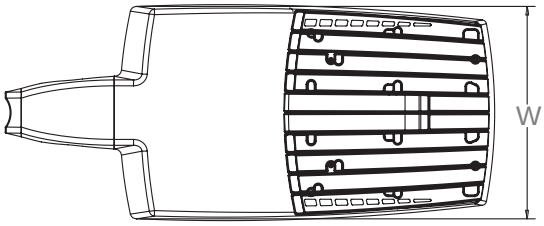
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

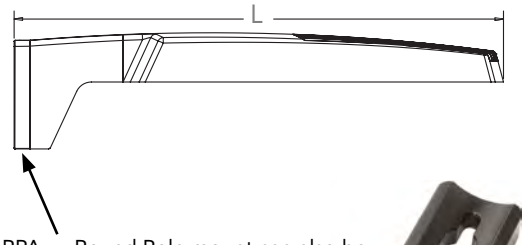
Dimensions & Weights

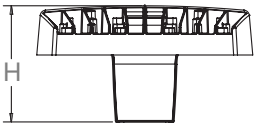
Luminaire Weight by Mounting Type

Mounting Configuration	Total Luminaire Weight
SPA	30 lbs
RPA	32 lbs
MA	30 lbs
WBA	33 lbs
WBASC	36 lbs
IS	33 lbs
AASP	33 lbs
AARP	35 lbs
AAWB	36 lbs
AAWSC	39 lbs

RSX2 with Round Pole Adapter (RPA)





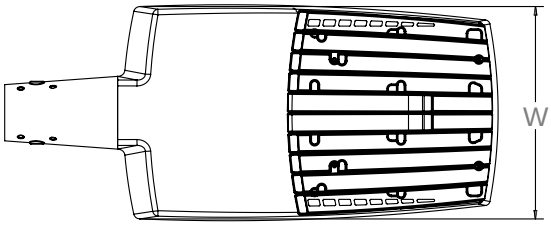


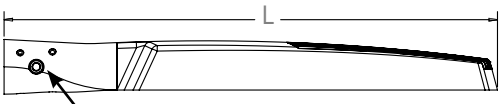
Length: 30.3" (77.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.3 cm) Arm

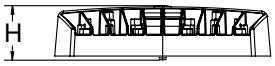
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX2 with Mast Arm Adapter (MA)



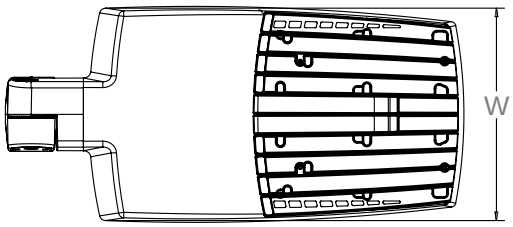


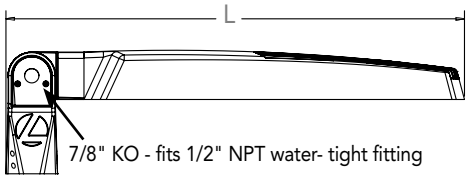


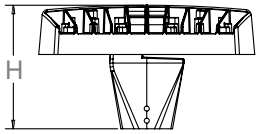
7/16" locking thru bolt/nut provided

Length: 30.6" (77.7 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
3.5" (8.9 cm) Arm

RSX2 with Adjustable Slipfitter (IS)







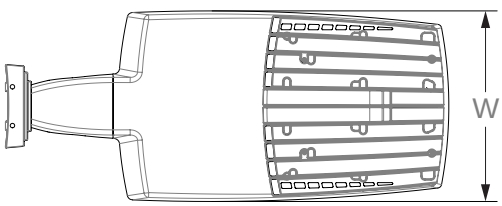
7/8" KO - fits 1/2" NPT water- tight fitting

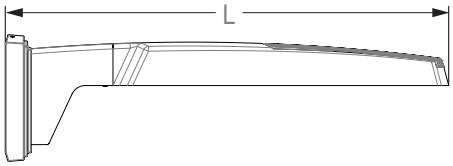
Length: 28.3" (71.9 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.6" (19.3 cm) Arm

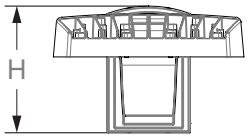
One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.acuitybrands.com
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

Dimensions

RSX2 with Wall Bracket (WBA)

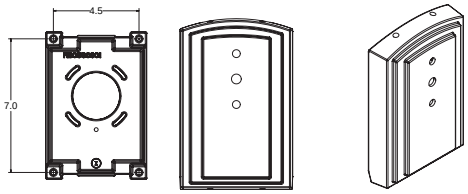




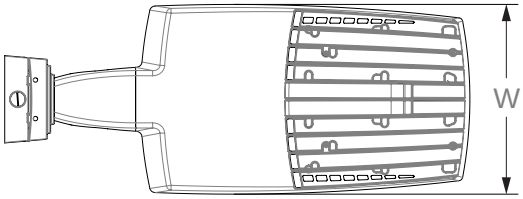


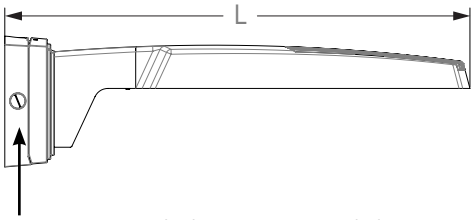
Length: 31.2" (79.2 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail

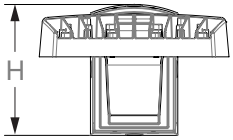


RSX2 with Wall Bracket with Surface Conduit Box (WBASC)



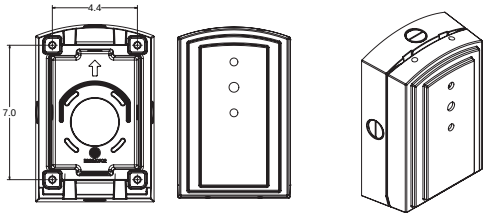


3/4" NPT taps with plugs - Qty (4) provided



Length: 32.8" (83.3 cm)
Width: 13.4" (41.7 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

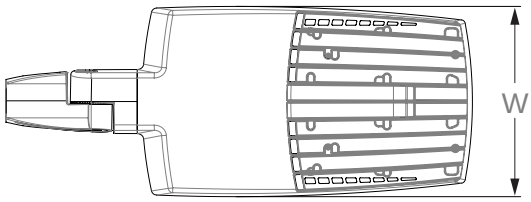
Surface Conduit Box (SCB) Mounting Detail

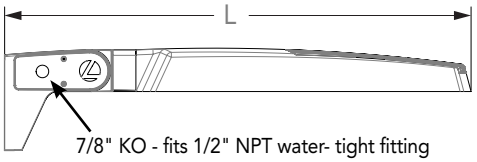


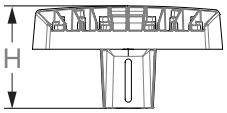
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

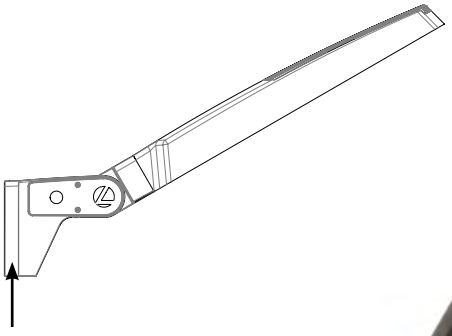
Dimensions

RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)









Length: 32.8" (83.3 cm) **AASP**
33.8" (85.9 cm) **AARP**
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
7.2" (18.2 cm) Arm

NOTE:
RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

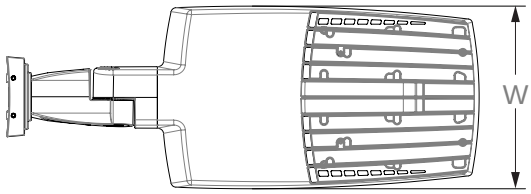


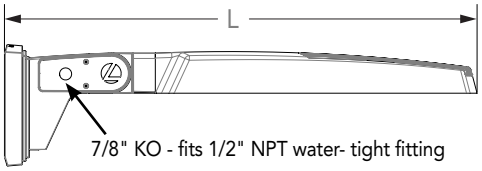
Notes

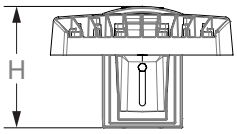
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

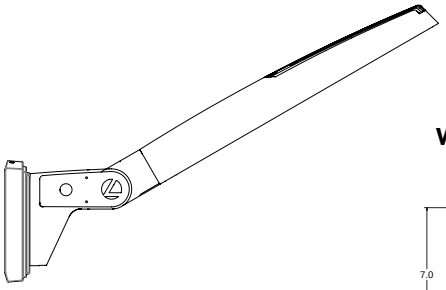
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)



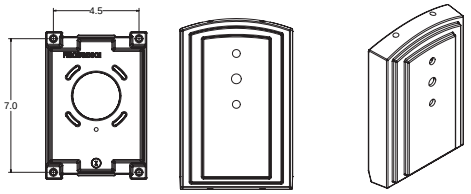






Length: 34.7" (88.0 cm)
Width: 13.4" (34.0 cm)
Height: 3.0" (7.6 cm) Main Body
8.9" (22.6 cm) Arm

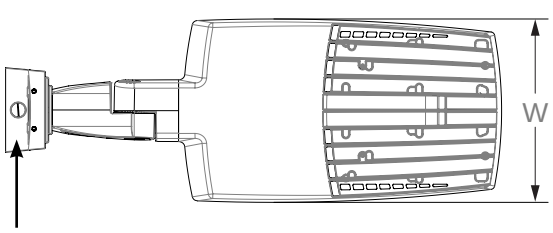
Wall Bracket (WBA) Mounting Detail

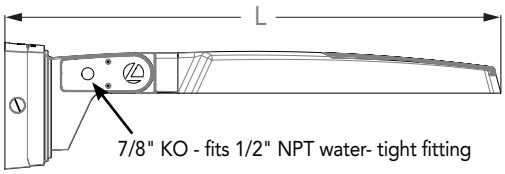


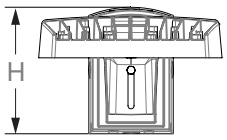
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

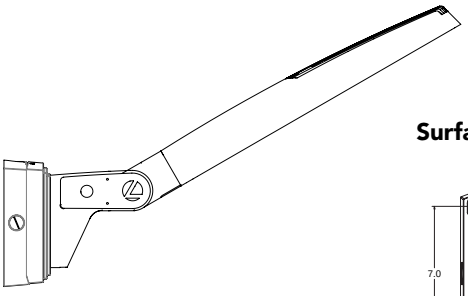
Dimensions

RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



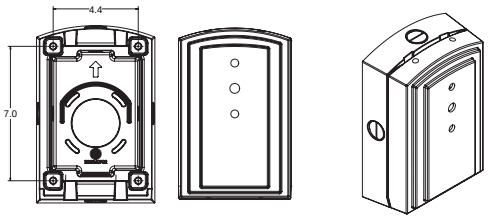




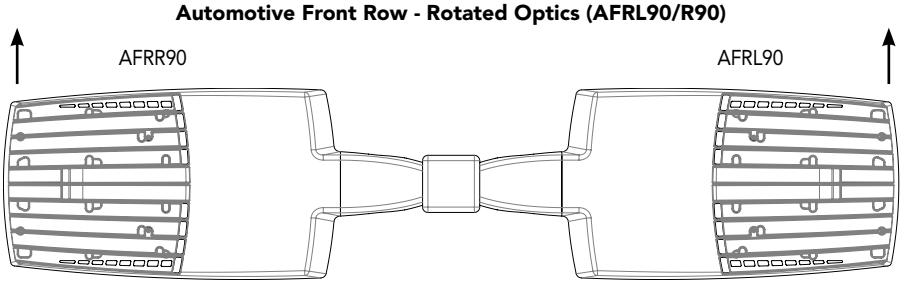


Length: 36.2" (91.9 cm)
Width: 13.4" (40.0 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Automotive Front Row - Rotated Optics (AFRL90/R90)



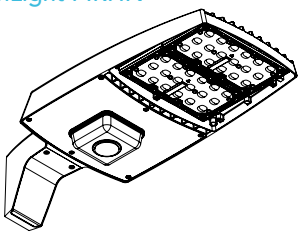
(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

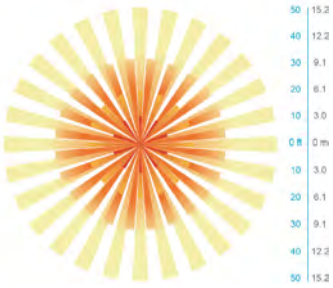
© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

nLight Control - Sensor Coverage and Settings

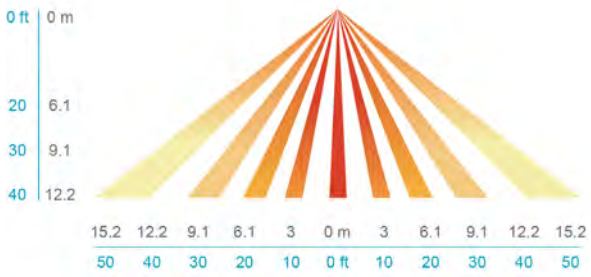
NLTAIR2 PIRHN nLight Sensor Coverage Pattern

nLight PIRHN





Top



Side

Motion Sensor Default Settings - Option PIRHN						
Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
NLTAIR2 PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE
The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN
The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS
Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row) and AFR rotated AFRR90 and ARFL90.

COASTAL CONSTRUCTION (CCE)
Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS
The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS
The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

INSTALLATION
Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. US Patent No. D882, 146S

GOVERNMENT PROCUREMENT
BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.

July 16, 2025

TO: Grayson Hughes
6430 Meadowcreek Drive
Dallas, TX 75254

CC: Felix Tan
1362 FM 552
Rockwall, TX 75087

FROM: Angelica Guevara, *Planning Technician*
City of Rockwall Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

SUBJECT: SP2025-025; *Site Plan for a Church/House of Worship*

Mr. Hughes:

This letter serves to notify you that the above referenced case (*i.e. Site Plan*) that you submitted for consideration by the City of Rockwall was approved by the Planning and Zoning Commission on July 15, 2025. The following is a record of all recommendations, voting records and conditions of approval:

Staff Recommendations

(1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of engineering plans.

(2) Any construction resulting from the approval of this *Site Plan* shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

Architectural Review Board

The Architecture Review Board reviewed the Building Elevations provided by the applicant on July 15, 2025. The Board approved a motion to recommend approval of the Site Plan by a vote of 5-0, with Board Members Dalton and Kirkpatrick absent.

Planning and Zoning Commission

On July 15, 2025, the Planning and Zoning Commission approved a motion to approve the *Site Plan* by a vote of 7-0.

Should you have any questions or concerns regarding your site plan case, please feel free to contact me a (972) 772-6438.

Sincerely,

Angelica Guevara, *Planning Technician*
City of Rockwall Planning and Zoning Department