

LEGEND

⑥	PROPOSED PARKING COUNT	⊠	EXISTING 1" DOMESTIC WATER METER
BFR	BARRIER FREE RAMP	H	HANDICAP PARKING SIGN
H/C	HANDICAP PARKING SPACE	—	ORNAMENTAL METAL FENCE (6'-0" HT. AROUND SWIMMING POOL AREA)
●	EXISTING FIRE HYDRANT	⌈	1'-4" WIDTH SELF LATCHING, SELF CLOSING METAL GATE
⊙	EXISTING SANITARY SEWER MANHOLE	⌋	1'-4" WIDTH SELF LATCHING, SELF CLOSING WOODEN GATE
—	EXISTING WATER MAIN W/ VALVE	WG	6'-0" HT. WOOD FENCE TO ACT AS POOL EQUIPMENT AND TRASH TOTE ENCLOSURE
—	EXISTING SANITARY SEWER	---	EXISTING CONTOUR INTERVAL
—	EXISTING STORM	FFE 539.95	FINISHED FLOOR ELEVATION
⊠	EXISTING CURB INLET	---	FIRELANE PAVING PER CITY STANDARD DETAILS
---	RIGHT-OF-WAY		
WS	PROPOSED CONCRETE WHEEL STOP		

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 13 day of December, 2022.

WITNESS OUR HANDS, this 13 day of December, 2022

[Signature]
 Planning & Zoning Commission, Chairman

[Signature]
 Director of Planning and Zoning

WATER METER SCHEDULE

METER ID NUMBER	WATER SERVICE SIZE	WATER METER SIZE	METER DOM.	METER IRR.	SAN. SERVICE SIZE
538	1"	1"	X		4"
537					
536					
535					
534					
533					
532					
531					
530					
529					

SITE INFORMATION

SINGLE FAMILY RESIDENTIAL
 PROPOSED USE: PRIVATE RECREATION CENTER
 LAND AREA: 1.403 ACRES
 61,114.68 SQ. FT.

BUILDING AREA: 1,342.68 SQUARE FEET
 BUILDING HEIGHT: 23'-6" (1 STORY)

FLOOR TO AREA: 0.022:1 (1,342.68/61,114.68)
 LOT COVERAGE: 2.20%

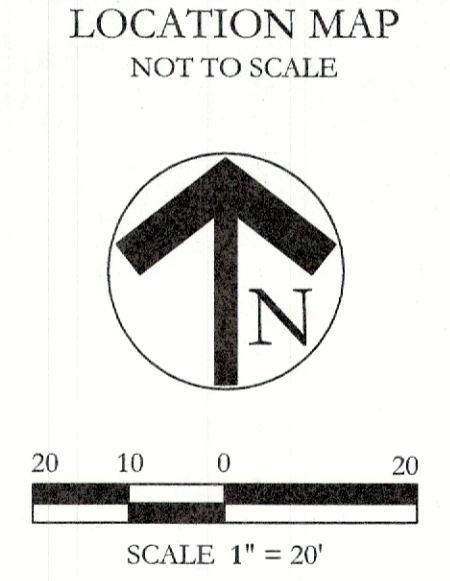
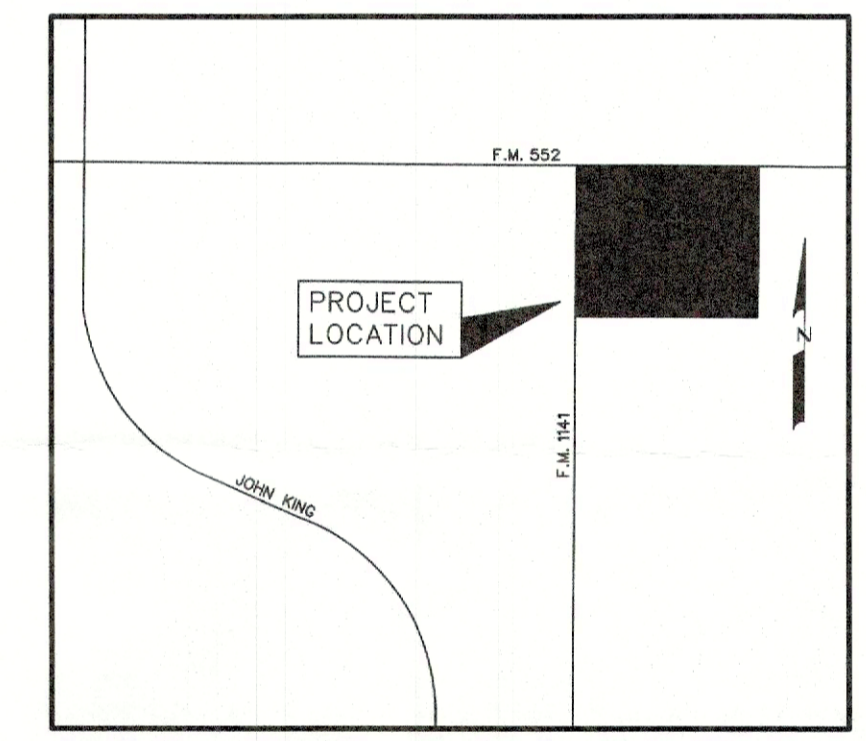
PARKING REQUIRED: 1 PER 250 SF OF ASSEMBLY SPACE
 1,342.68/250=5.37
 6 REQUIRED SPACES

PARKING PROVIDED: 12 TOTAL, (WITH 1 HANDICAP)

HANDICAP PARKING IS PROVIDED IN ACCORDANCE WITH ADA STANDARDS

TOTAL IMPERVIOUS SURFACE: 17,917.66 SF
 PROPOSED IMPERVIOUS RATIO: 0.2932 OR 29.32%
 INTERIOR LANDSCAPE PROVIDED: 43,197.02 SF

POOL DECK SURFACE: 4,373.64 SF



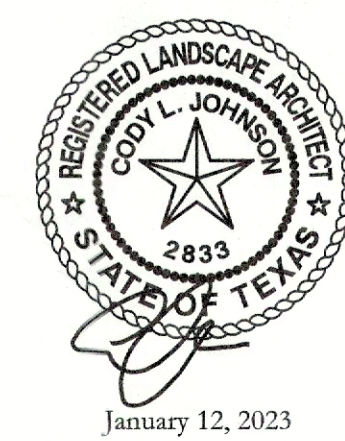
- SITE PLAN NOTES:**
- NO 100 YEAR FLOOD PLAIN EXISTS ON PROPERTY.
 - FOR ALL BARRIER FREE RAMP NOTED ON PLAN, REFERENCE THE CITY OF ROCKWALL STANDARD CONSTRUCTION DETAILS.
 - ALL HANDICAP PARKING SPACES SHALL BE A MINIMUM OF 11'-0" WIDTH x 20'-0" LENGTH WITH A 5'-0" LOADING AISLE.
 - STANDARD PARKING SPACES SHALL BE A MINIMUM OF 10'-0" WIDTH x 20'-0" LENGTH.
 - THE PERIMETER FENCING SHALL BE 6'-0" HT. ORNAMENTAL METAL FENCE.
 - ALL VEHICULAR AND SIDEWALK PAVING SHOWN ON THESE PLANS SHALL BE MAINTAINED BY THE HOA.

SITE PLAN
NELSON LAKE ESTATES
LOT 44, BLOCK J
~AMENITY CENTER~

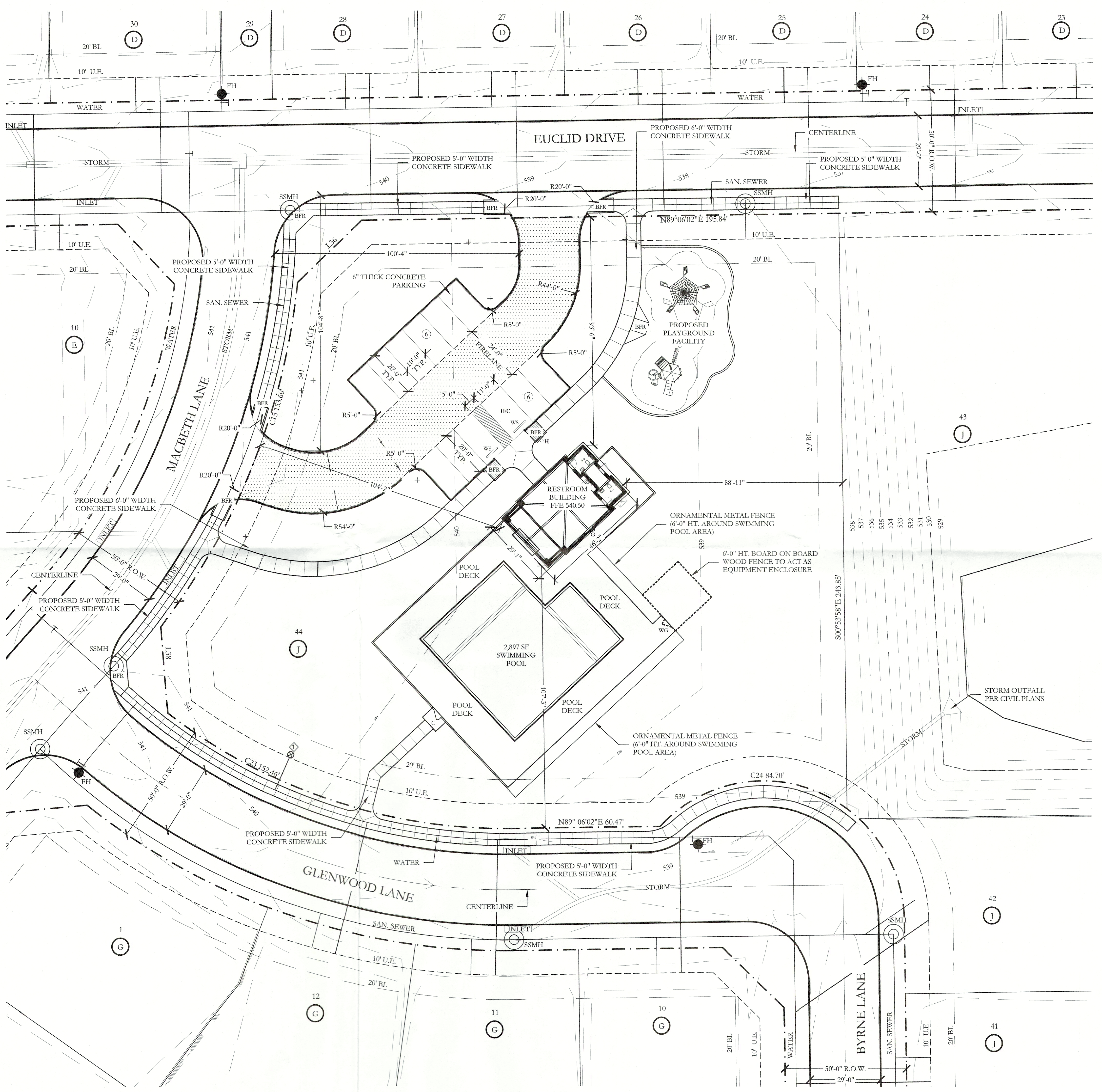
BEING 1.403 ACRES OUT OF THE
 J.M. GASS SURVEY
 ABSTRACT NO. 88
 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

OWNER / DEVELOPER:
 QUALICO DEVELOPMENT (U.S.), INC
 6950 TPC DRIVE, SUITE 350
 MCKINNEY, TEXAS 75070
 CONTACT: KYLE TRESSLER

LANDSCAPE ARCHITECT:
 JOHNSON VOLK CONSULTING
 704 CENTRAL PARKWAY EAST, SUITE 1200
 PLANO, TEXAS 75074
 PH. (972) 201-3100
 CONTACT: CODY JOHNSON, R.L.A., A.S.L.A., LI



January 12, 2023



LEGEND

⑥	PROPOSED PARKING COUNT	◊	EXISTING 1" DOMESTIC WATER METER
BFR	BARRIER FREE RAMP	H	HANDICAP PARKING SIGN
H/C	HANDICAP PARKING SPACE	—	ORNAMENTAL METAL FENCE (6'-0" HT. AROUND SWIMMING POOL AREA)
●	EXISTING FIRE HYDRANT	G	1 - 4'-0" WIDTH SELF LATCHING, SELF CLOSING METAL GATE
○	EXISTING SANITARY SEWER MANHOLE	WG	1 - 4'-0" WIDTH SELF LATCHING, SELF CLOSING WOODEN GATE
—	EXISTING WATER MAIN W/ VALVE	---	6'-0" HT. WOOD FENCE TO ACT AS POOL EQUIPMENT AND TRASH TOTE ENCLOSURE
—	EXISTING SANITARY SEWER	---	EXISTING FLOOR INTERVAL
—	EXISTING STORM	---	FINISHED CEILING ELEVATION
—	EXISTING CURB INLET	---	FFE 539.95
WS	PROPOSED CONCRETE WHEEL STOP	---	FIRELANE PAVING PER CITY STANDARD DETAILS

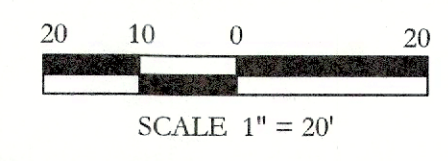
- ### SWIMMING POOL NOTES
- THE SWIMMING POOL PLAN SHOWN IS FOR GENERAL LAYOUT OF THE POOL AREA ONLY. THE SWIMMING POOL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POOL EQUIPMENT, PIPING, GUNITE SHELL, TILE, COPING, ELECTRICAL AND JUNCTION BOXES, PERMITS AND CITY CODE ACCEPTANCE OF ALL THE LISTED ITEMS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR DESIGN AND ENGINEERING OF THE POOL'S STRUCTURAL AND HYDRAULIC ELEMENTS.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED TO THE OWNER'S REPRESENTATIVE FOR REVIEW. THE SHOP DRAWINGS SHALL CONTAIN THE LAYOUT, SHELL DETAIL, STRUCTURAL DETAILS, SCHEMATIC PIPING DIAGRAMS AND "CUT SHEETS" FOR ALL PROPOSED POOL EQUIPMENT.
 - THE GENERAL CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ROUGH GRADING THE POOL AREA.
 - THE POOL CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING THE POOL AND SETTING FINISHED GRADE AS PER PLANS. SEE THE POOL LAYOUT PLANS FOR PROPOSED GRADING OF THE POOL AREA. THE OWNER'S REPRESENTATIVE SHALL REVIEW THE POOL LAYOUT AND PROPOSED ELEVATIONS BEFORE EXCAVATION BEGINS.
 - ALL REQUIRED UTILITIES ARE TO BE SUPPLIED BY THE GENERAL CONTRACTOR TO THE LOCATION OF THE POOL EQUIPMENT. THE CONTRACTOR SHALL VERIFY LOCATION OF THE POOL EQUIPMENT WITH THE OWNER.
 - THE GUNITE VESSEL IS TO BE GROUNDED PER CITY CODE.
 - POOL PIPING SHALL BE SCHEDULE 40 PVC. FLEXIBLE PVC WILL NOT BE ALLOWED.
 - ALL POOL DECKS SHALL HAVE A MINIMUM 3% SLOPE AWAY FROM POOL FOR DRAINAGE.
 - ALL GRADES ADJACENT TO WALKS AND POOL DECKS CONSTRUCTED BY THE POOL CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE POOL CONTRACTOR TO ACHIEVE THE CORRECT ELEVATION.
 - THE POOL SHELL SHALL BE GUNITE WITH A PLASTER FINISH-COLOR TO BE SELECTED BY OWNER.
 - POOL SHELL: (AS A MINIMUM) (CONTRACTOR TO PROVIDE STRUCTURAL ENGINEERED SHOP DRAWINGS)
 - STEEL
 - FLOOR AND WALLS TO HAVE A GRID OF #4 REAR @ 10" EACH WAY.
 - BOND BEAM TO HAVE FOUR CONTINUOUS #4 BARS.
 - ALL STEEL
 - BAR ENDS TO OVERLAP ATTACHED EXTENSION BARS A MINIMUM OF FORTY TIMES THEIR DIAMETER. NO HORIZONTAL OVERLAPS SHALL OCCUR AT THE CORNERS OF THE BOND BEAM.
 - ALL STEEL SHALL BE BLOCKED OUT 2" FROM EXCAVATION SOIL.
 - CONCRETE
 - FLOOR AND WALLS TO BE A MINIMUM 8" THICK AT ANY LOCATION.
 - BOND BEAM TO BE A MINIMUM OF 12" THICK AT THE TOP AND 12" DEEP AT BACK AND TAPERED 45° TO THE BACK OF THE POOL WALL.
 - THE SHELL IS TO HAVE AIR-PLACED CONCRETE WITH A MINIMUM OF 7 SACKS OF CEMENT PER CUBIC YARD WITH 3/8" ROCK AGGREGATE. MINIMUM CONCRETE STRENGTH TO BE 3200 PSI. MAXIMUM CONCRETE SLUMP SHALL BE 4".
 - THE POOL DEPTH IS TO BE 3'-0" AT THE STEPS AND 4'-6" AT THE MAIN DRAIN AS MEASURED FROM THE WATER LINE.
 - PROVIDE 4" STANDARD DEPTH MARKER INSERTS FOR POOL WALLS AND AT EDGE OF DECK.
 - THE POOL DIMENSIONS SHOWN ARE TO THE INSIDE OF THE POOL WALL BEFORE PLASTER.
 - THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN WITH THE PLAN AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THEM BY THIS WORK.
 - POOL DECK SURFACE AND BANDING TO BE DETERMINED BY OWNER PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CITY AND STATE HEALTH CODES AND REQUIREMENTS FOR SWIMMING POOLS, WHETHER OR NOT THEY ARE ADDRESSED ON THE PLANS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED POOL EQUIPMENT, I.E. PUMPS, SKIMMERS, RETURNS, FILTERS AND TO COMPLY WITH ALL STATE AND LOCAL CODES.
 - POOL EQUIPMENT ENCLOSURE SHALL HAVE A CRUSHED GRAVEL BASE. REFER TO DETAIL 3/14.

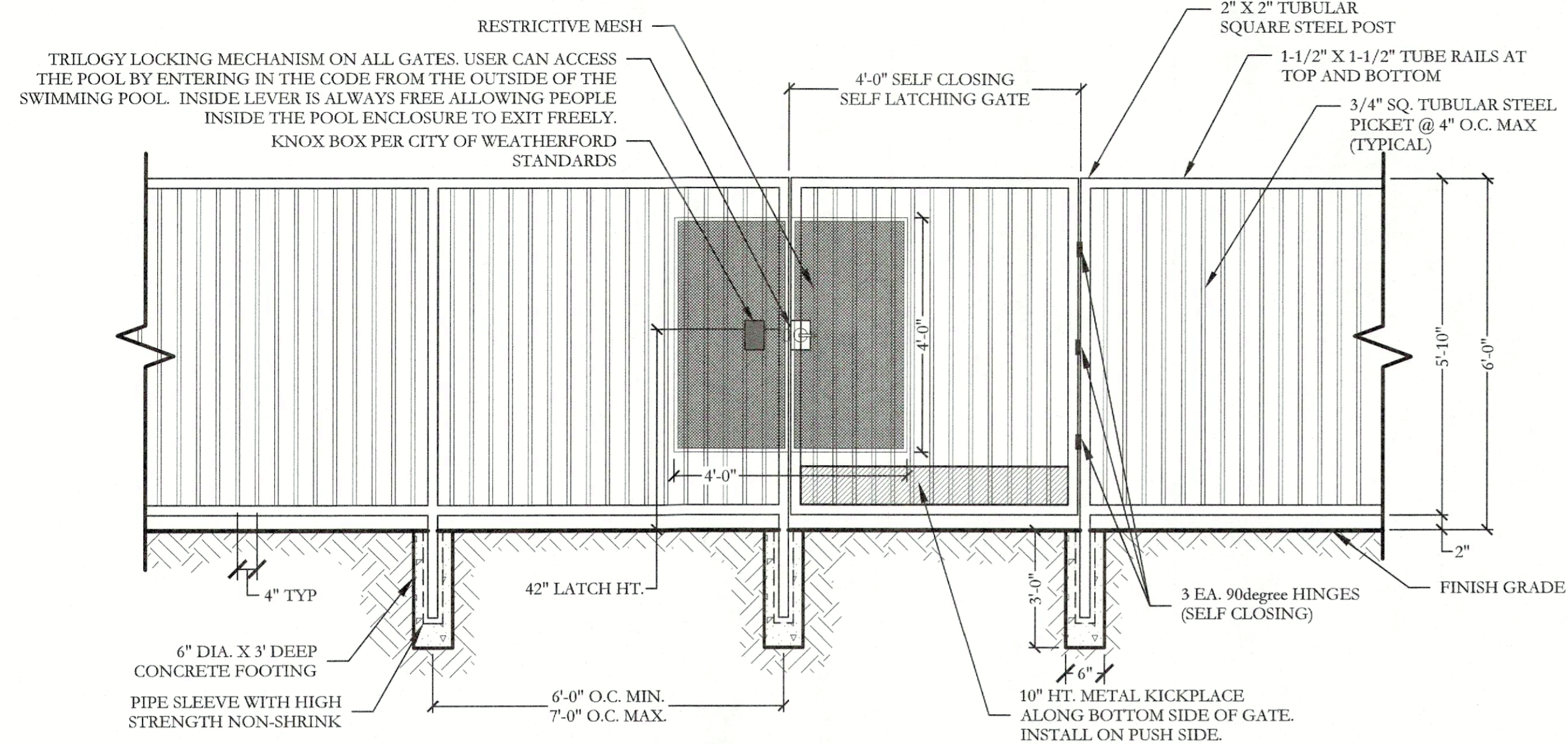
- ### FENCE LAYOUT NOTES
- THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPE AND STRUCTURES WHETHER OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION OF ALL UNDERGROUND UTILITIES AND WILL BE RESPONSIBLE FOR COSTS INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES OR STRUCTURES CAUSED BY HIS FORCES.
 - DO NOT WILLFULLY PROCEED WITH CONSTRUCTION, AS DESIGNED, WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS OR CONFLICTS EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE PROPOSED WALLS AND COLUMNS. THE OWNER'S ENGINEER SHALL STAKE THE LOCATIONS OF THE PROPERTY, R.O.W. LINES AND EASEMENTS.
 - THE CONTRACTOR SHALL STAKE ALL OF THE FENCE AND COLUMN LOCATIONS FOR REVIEW BY THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING CONSTRUCTION. THE OWNER'S REPRESENTATIVE MAY MAKE MINOR ALTERATIONS TO THE LAYOUT AFTER STAKING AND BEFORE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
 - ALL "STEPS" IN THE WALL MADE NECESSARY BY GRADE CHANGES OR EXISTING SLOPE SHALL OCCUR ONLY AT MINOR OR MAJOR COLUMNS. THE MINIMUM "STEP" AT A COLUMN SHALL BE 3" AND THE MAXIMUM "STEP" AT A COLUMN SHALL BE 6".
 - ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN AND SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS.
 - THE ELECTRICAL WORK SHALL INCLUDE ALL NECESSARY CONDUITS, WIRE, FITTINGS, FIXTURES TRENCHING AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY PERMITS AND CITY ACCEPTANCE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AS NEEDED FOR FENCE AND COLUMN INSTALLATION. THE CONTRACTOR SHALL RETURN THE SITE TO PRE-CONSTRUCTION CONDITION.

APPROVED:
I hereby certify that the above and foregoing site plan for development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission on the 13 day of December 2022.

[Signature]
Chairman

[Signature]
Director of Planning & Zoning



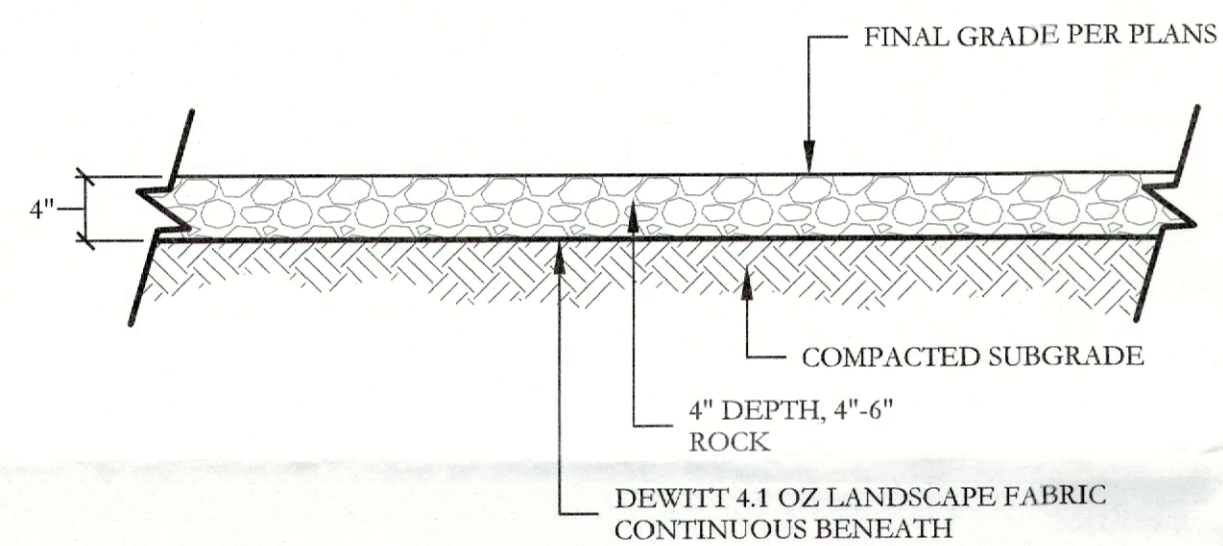


1 ORNAMENTAL METAL FENCE AND GATE ELEVATION

SCALE: 1/2" = 1'-0"

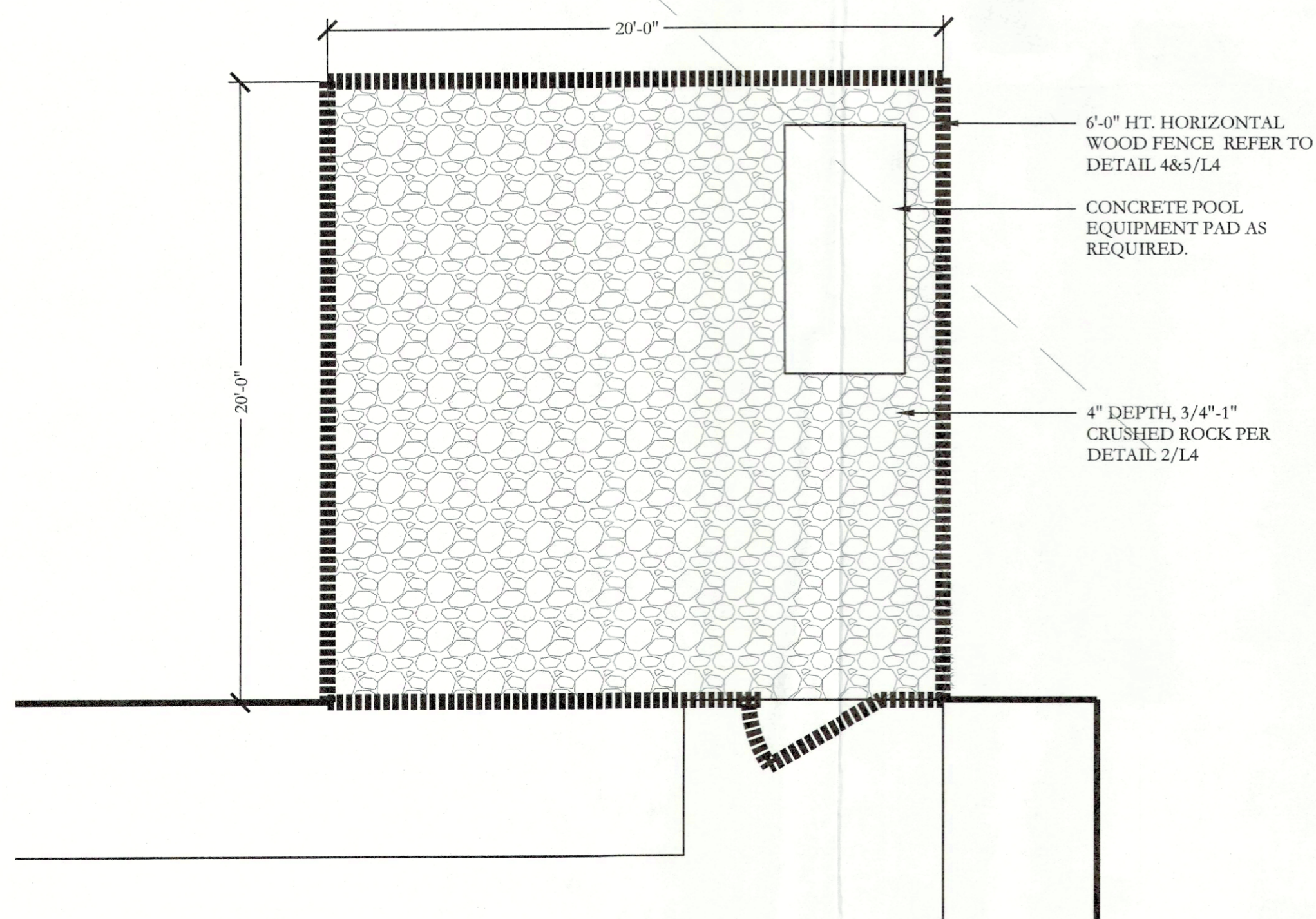
WOOD FENCE NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY HIS FORCES VERIFY LOCATION OF ALL UTILITIES WITH THE TOWN AND VARIOUS UTILITY COMPANIES BEFORE DRILLING PIERS.
2. ALL CONCRETE USED IN FOOTINGS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY AND REQUIRED PERMITS AND INSPECTIONS. CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF ROCKWALL CODES AND REQUIREMENTS.
4. WOOD MATERIAL FOR FENCE
 - 4.1. STRINGERS- CEDAR, #2 GRADE OR BETTER. COLOR TO MATCH PAVILION.
 - 4.2. PICKETS- CEDAR, #2 GRADE OR BETTER. COLOR TO MATCH PAVILION.
 - 4.3. CAPS- CEDAR, #2 GRADE OR, BETTER. COLOR TO MATCH PAVILION.
5. ALL FENCE POST TO BE SCHEDULE 40 - GALVANIZED.
6. ALL FASTENERS, NAILS, BRACKETS, STEEL POSTS, ETC. ARE TO BE HOT DIPPED GALVANIZED.
7. ALL PICKETS ARE TO BE FASTENED TO THE RAILS USING GALVANIZED SCREWS. STAPLES AND/OR NAILS WILL NOT BE ALLOWED. SCREW WITHOUT SPLITTING MEMBERS, DRILL PILOT HOLES IF NECESSARY. ALL SPLIT MEMBERS WILL BE REQUIRED TO BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
8. ACCURATELY CUT, FIT FASTEN MEMBERS, MAKE PLUMB, LEVEL, TRUE, AND RIGID. DO NOT SPLICE INDIVIDUAL FRAMING MEMBERS BETWEEN SUPPORTS. ERECT FACES OF FRAMING MEMBERS IN STRAIGHT EVEN PLANES TO RECEIVE FINISH MATERIALS. INSTALL STRINGERS WITH BOTTOM EDGES FREE OF DEFECTS. MITER ALL EXPOSED FINISHED JOINTS.
9. REMOVE ALL MARKS, STAMPS, DIRT, LOOSE FIBERS FROM ALL WOOD SURFACES.
10. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.



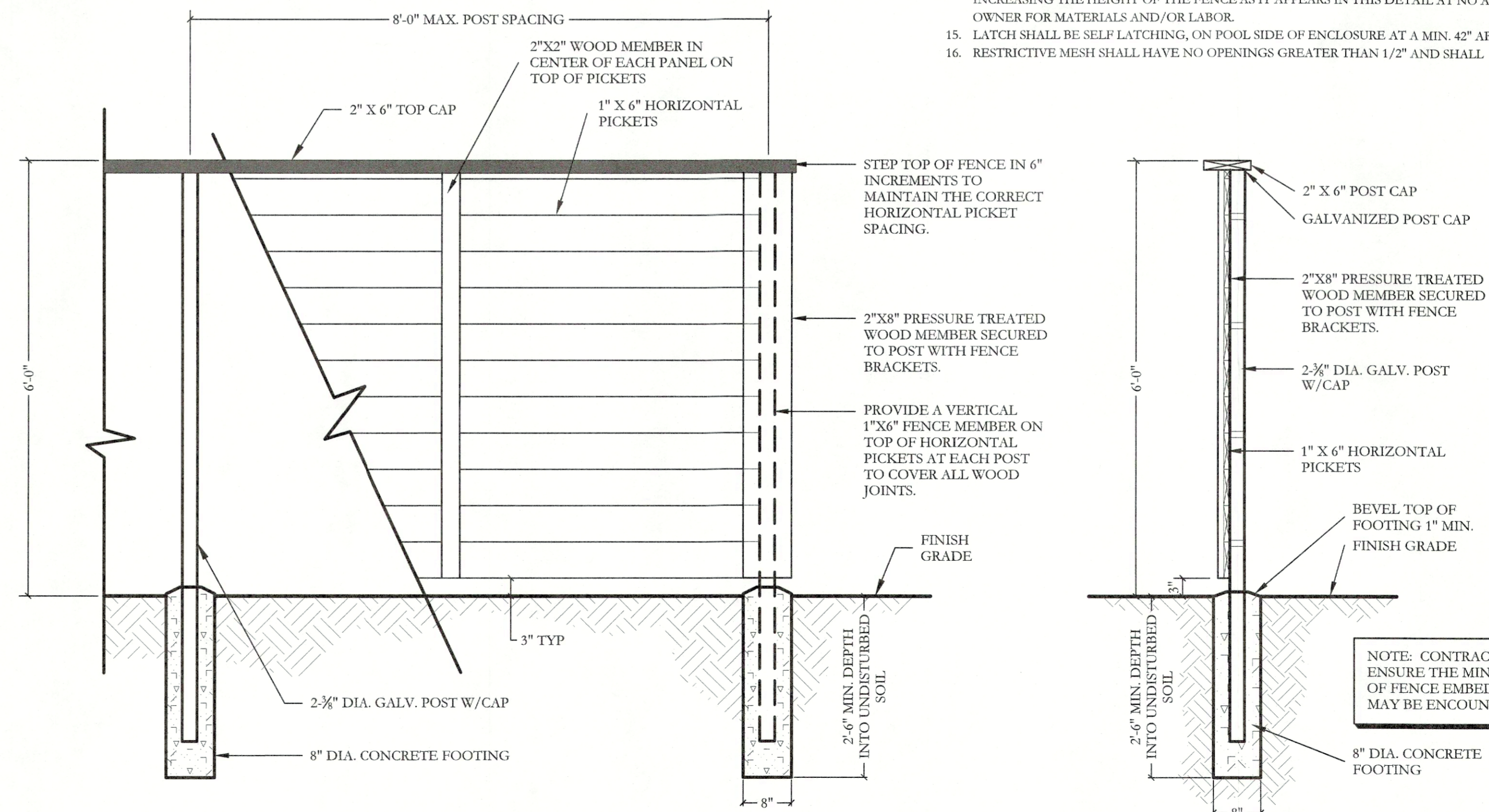
2 CRUSHED ROCK BASE SECTION

SCALE: 1" = 1'-0"



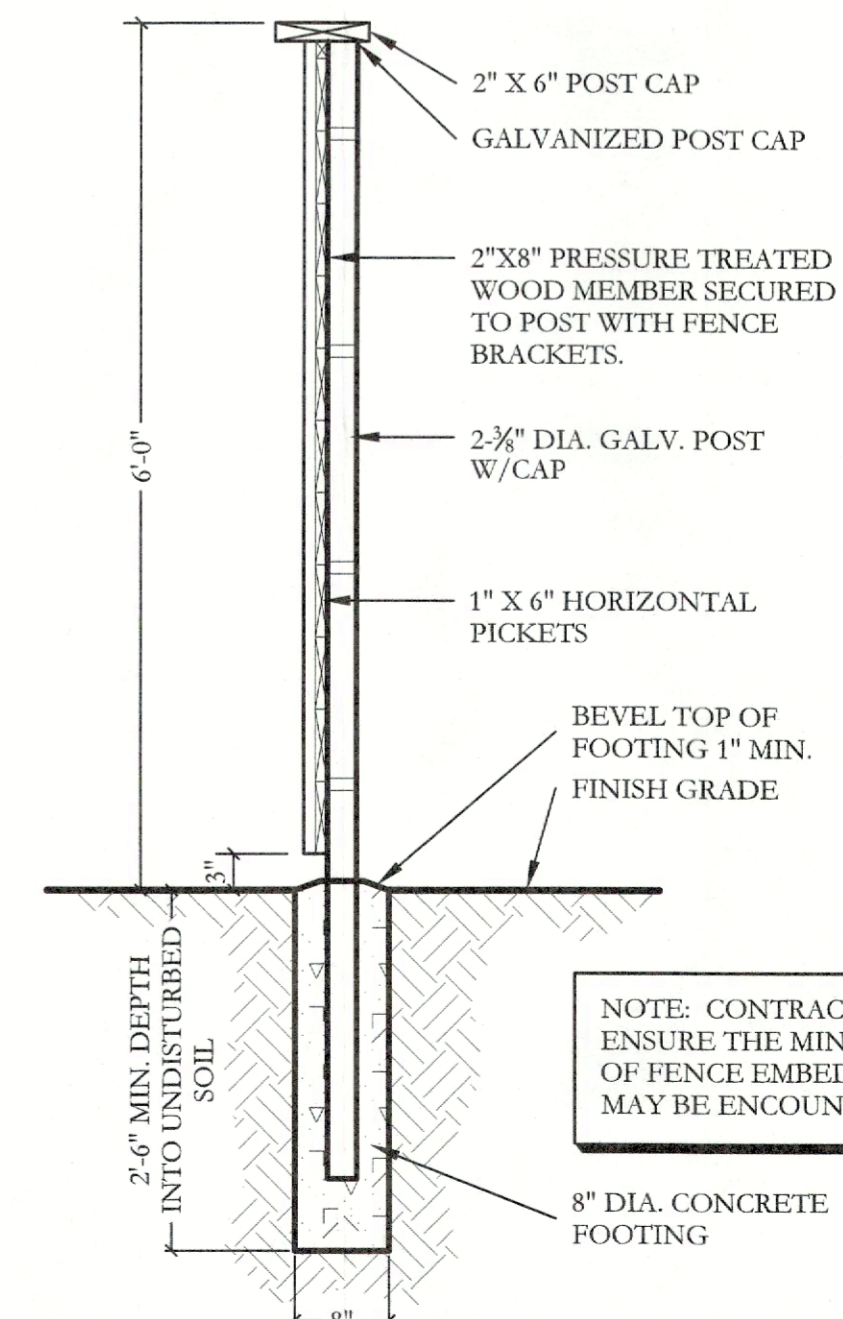
3 POOL EQUIPMENT & TRASH TOTE ENCLOSURE PLAN

SCALE: 1/4" = 1'-0"



4 PARTIAL 6'-0" HT. WOOD FENCE ELEVATION

SCALE: 3/4" = 1'-0"



5 6'-0" HT. WOOD FENCE SECTION

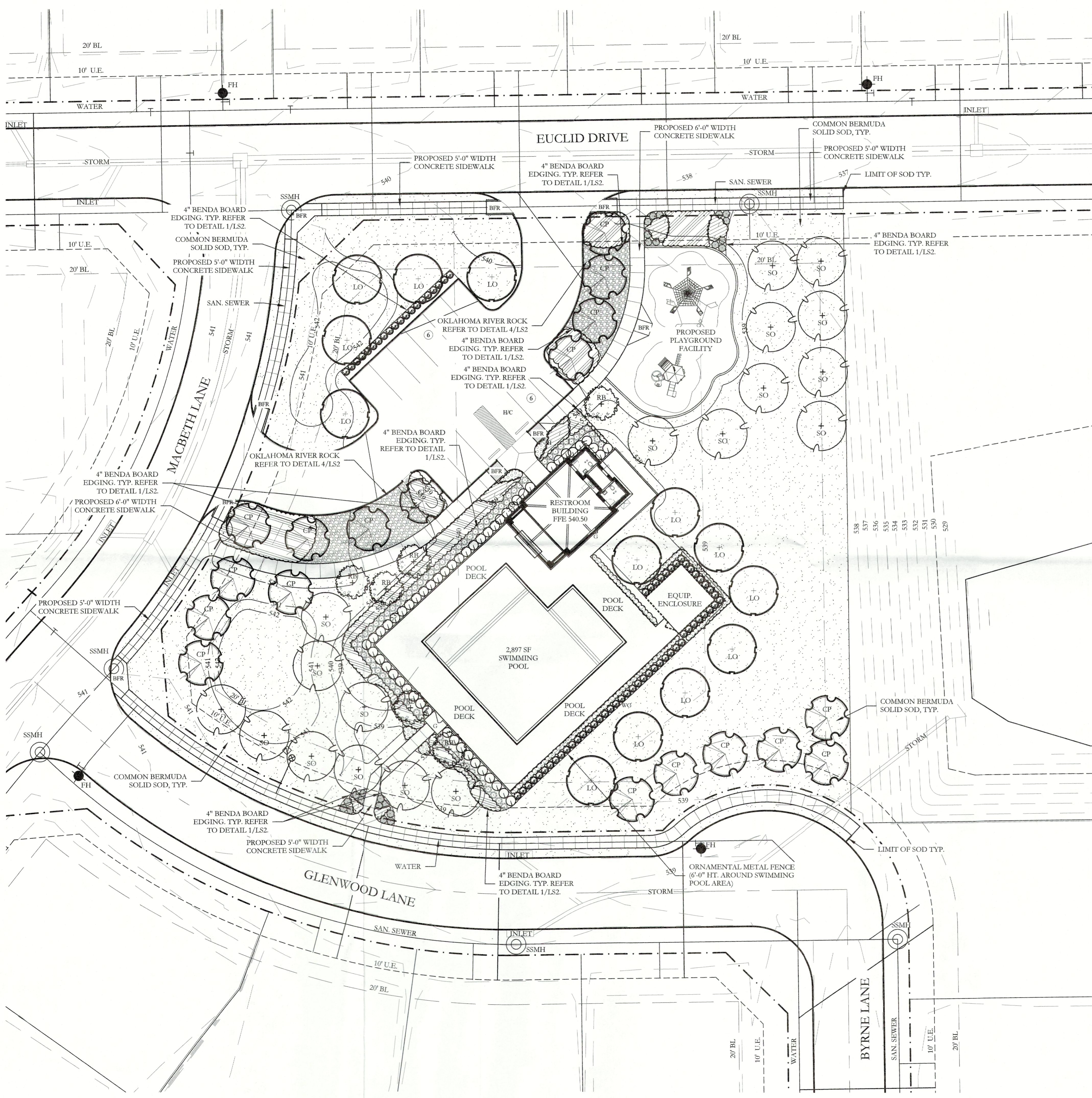
SCALE: 3/4" = 1'-0"

APPROVED: I hereby certify that the above and foregoing site plan for development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission on the 13 day of December, 2022. [EAR].

WITNESSES: [Signatures] Planning & Zoning Commission, Chairman; Director of Planning & Zoning

ORNAMENTAL METAL FENCE NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES EITHER SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY COST INCURRED DUE TO DAMAGE OR REPLACEMENT OF SAID UTILITIES AND STRUCTURES CAUSED BY HIS FORCES.
2. ALL CONCRETE USED IN FOOTING AND PIERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS AND CITY INSPECTIONS.
4. ALL ORNAMENTAL METAL TUBES, POSTS, RAILS AND PICKETS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.
5. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF FENCE MEMBERS. GRIND SMOOTH ALL WELDS.
6. ALL METAL SURFACES SHALL BE PRIMED AND PAINTED WITH TWO COATS OF URBANE BRONZE (SW7048) BY SHERWIN WILLIAMS PAINT CO., COLOR TO BE FLAT BLACK. CONTRACTOR TO SUBMIT SAMPLES AS REQUIRED.
7. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING GATES AND FENCE.
8. ALL ORNAMENTAL METAL FENCE MEMBERS ARE TO BE TUBULAR MEMBERS IN ACCORDANCE WITH ASTM 513 HOT ROLLED STRUCTURAL STEEL 50,000 PSI TENSILE STRENGTH, 60,000 PSI YIELD STRENGTH.
9. FENCE MEMBER SIZES TO BE AS FOLLOWS:
 - 9.1. PICKETS, 3/4" SQUARE 16 GA.
 - 9.2. RAILS, 1-1/2" X 1-1/2" SQUARE 16 GA.
 - 9.3. POSTS, 2" SQUARE 11 GA.
10. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL FENCE GATES AND OPENERS. SHOP DRAWINGS SHALL INCLUDE ALL PRODUCT CUT SHEETS AS WELL AS INSTALLATION AND MANUFACTURING DETAILS. CONTRACTOR TO BE RESPONSIBLE FOR STRUCTURAL DESIGN OF GATES.
11. CONCRETE FOOTING FOR POSTS SHALL BE 3X POST WIDTH.
12. GATE IS TO BE SELF CLOSING. FALCON B561DBD26 SATIN CHROME DANE SFC CLASSROOM LOCK BY A&H TURF OR APPROVED EQUAL DEADLOCKING LATCH BOLT BY LEVERS. OUTSIDE LEVER IS LOCKED BY KEY IN OUTSIDE LEVER. INSIDE LEVER IS ALWAYS FREE.
13. POSTS SHALL BE PLACED AT A MINIMUM DISTANCE OF 6'-0" O.C AND A MAXIMUM DISTANCE OF 7'-0" O.C.
14. POOL FENCE SHALL MEET LOCAL CODES AND REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE INCLUDING NECESSARY UP-SIZING OF POSTS, PICKETS AND HORIZONTAL BARS AND INCREASING THE HEIGHT OF THE FENCE AS IT APPEARS IN THIS DETAIL AT NO ADDITIONAL COST TO THE OWNER FOR MATERIALS AND/OR LABOR.
15. LATCH SHALL BE SELF LATCHING, ON POOL SIDE OF ENCLOSURE AT A MIN. 42" ABOVE FINISH PAVING.
16. RESTRICTIVE MESH SHALL HAVE NO OPENINGS GREATER THAN 1/2" AND SHALL



PLANT LEGEND

SYMBOL	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING
	LO	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN
	SO	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN
	CP	CHINESE PISTACHE	PISTACIA CHINENSIS	4" CALIPER	AS SHOWN
	RB	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXENSIS	2" CALIPER	AS SHOWN
		TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS	7 GALLON	48" O.C.
		DWARF BURFORD HOLLY	ILEX CORNUTA 'DWARF BURFORD'	7 GALLON	36" O.C.
		UPRIGHT ROSEMARY	ROSMARINUS OFFICINALIS 'UPRIGHT'	3 GALLON	36" O.C.
		AUTUMN SAGE	SALVIA GREGGII	3 GALLON	36" O.C.
		GULF MUHLY GRASS	MUHLENBERGIA CAPILLARIS 'REGAL MIST'	1 GALLON	24" O.C.
		BLUE GRAMA 'BLONDE AMBITION' GRASS	BOUTELOUA GRACILIS 'BLONDE AMBITION'	1 GALLON	24" O.C.
		LIRIOPE GRASS	LIRIOPE MUSCARI	1 GALLON	18" O.C.
		ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.
		COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD
		OKLAHOMA RIVER ROCK MIXTURE OF TANS, BROWNS, GRAYS AND PINKS	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK	SQUARE FEET	EQUAL COMBINATION OF 1-2" & 2-4"

NOTE: IRRIGATION WILL MEET REQUIREMENTS OF UDC.

SITE INFORMATION

SINGLE FAMILY RESIDENTIAL
 PROPOSED USE: PRIVATE RECREATION CENTER
 LAND AREA: 1.405 ACRES
 61,114.68 SQ. FT.

BUILDING AREA: 1,342.68 SQUARE FEET
 BUILDING HEIGHT: 23'-6" (1 STORY)

FLOOR TO AREA: 0.0221 [1,342.68/61,114.68]
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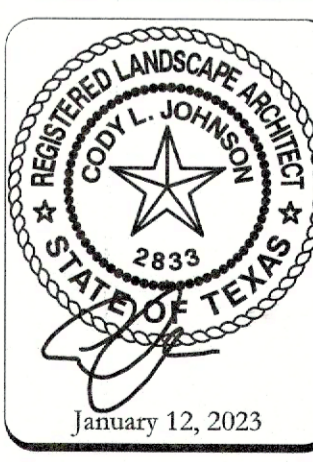
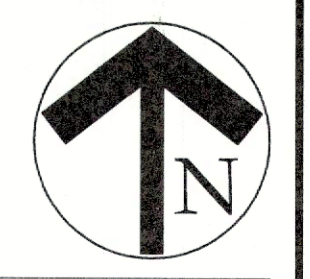
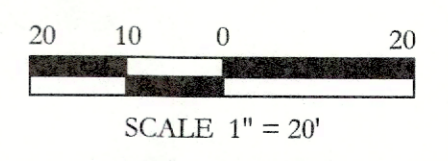
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POOL DECK SURFACE: 4,373.64 SF

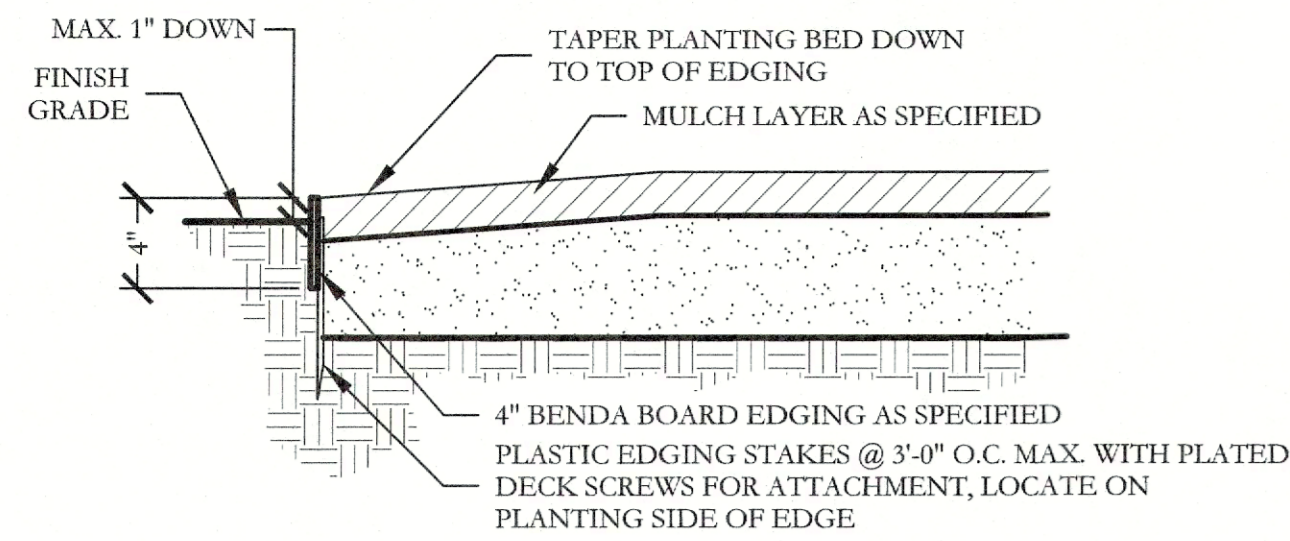
APPROVED:
 I hereby certify that the above and foregoing site plan for development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission on the 13 day of December, 2022.

APPROVED: [Signature] in the name of the Planning & Zoning Commission, Chairman

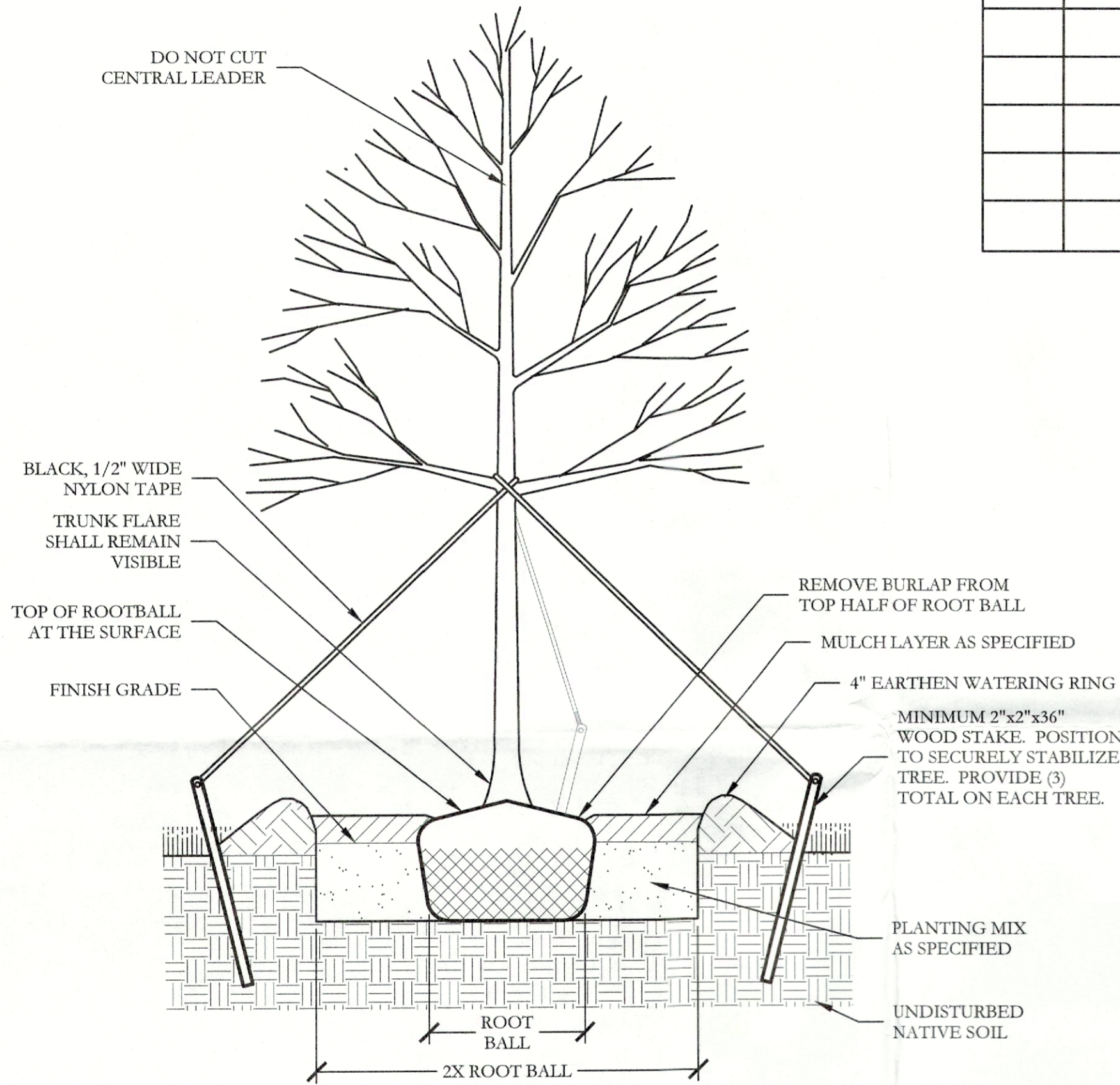
WITNESS: [Signature] Director of Planning & Zoning



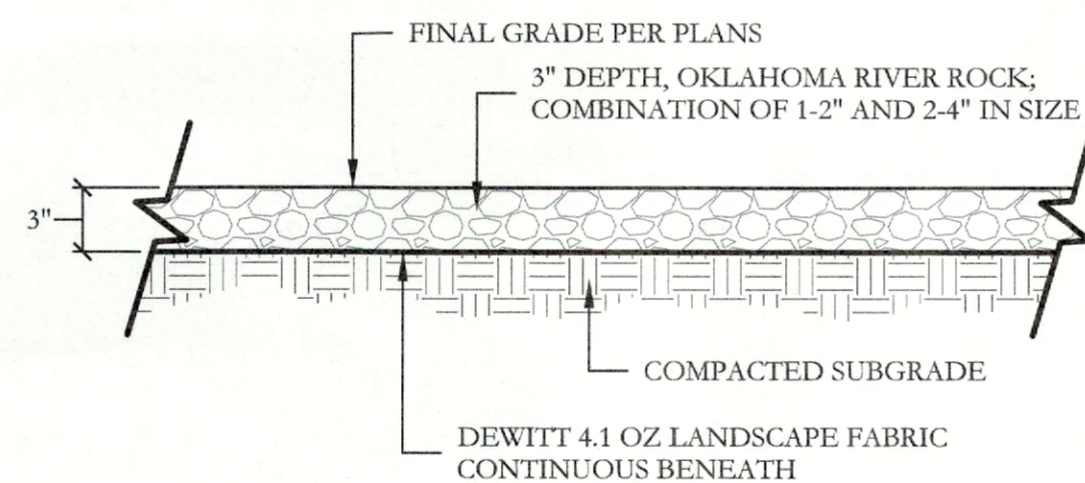
SCALE: 1" = 20"
 One Inch
 JVC No MJP006



1 TYPICAL BED EDGING DETAIL SECTION NOT TO SCALE

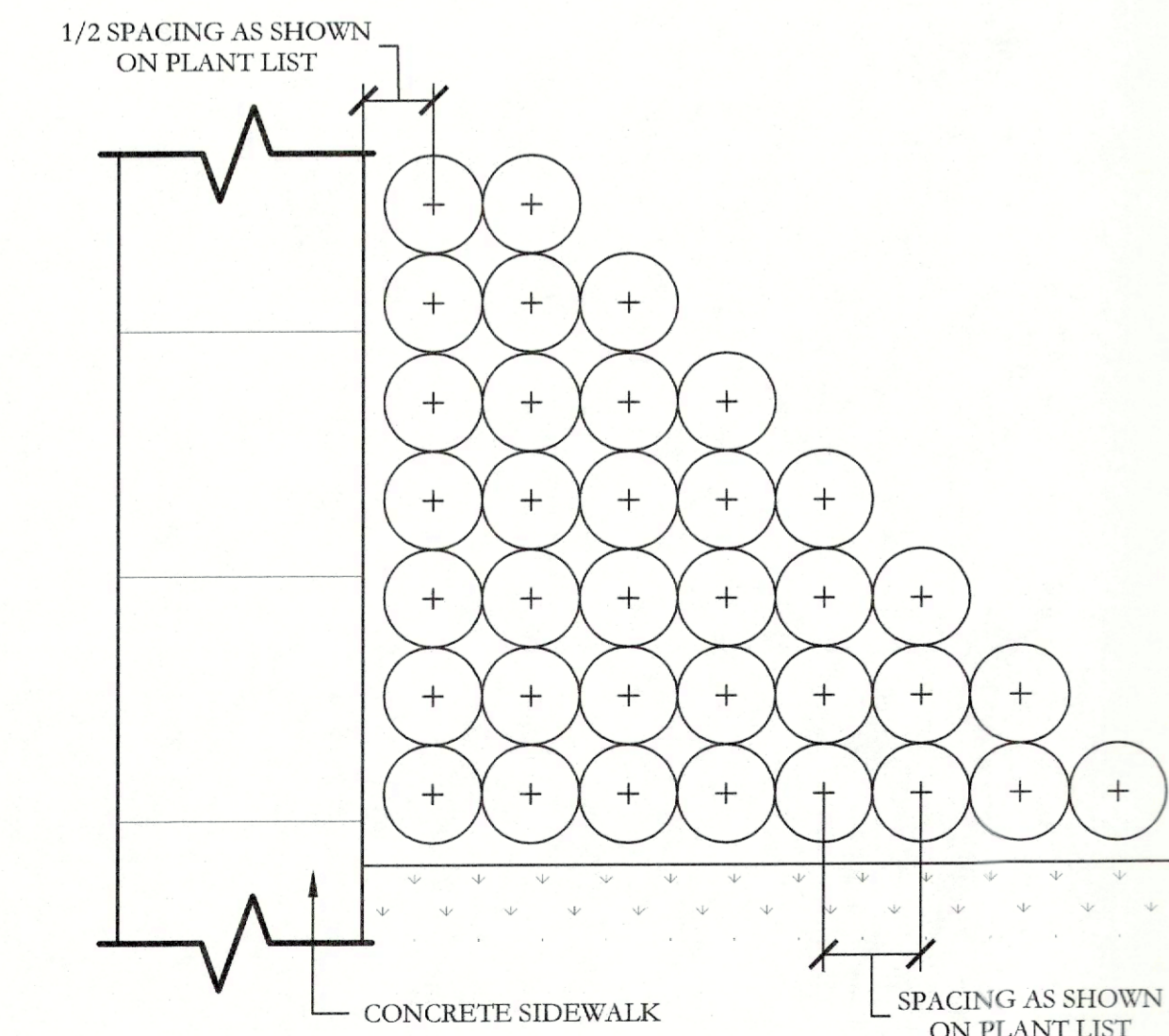


2 TYPICAL TREE PLANTING SECTION NOT TO SCALE

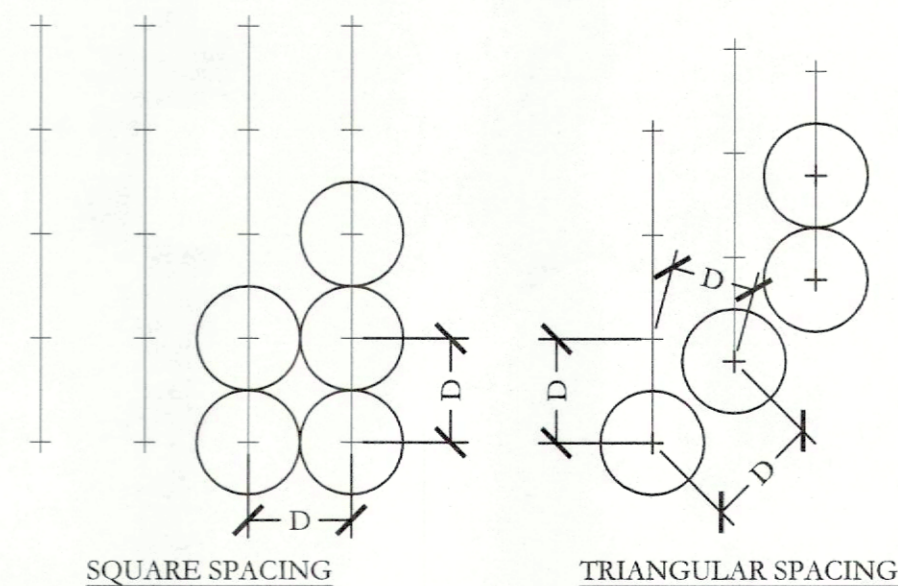


4 OKLAHOMA RIVER ROCK BED SECTION NOT TO SCALE

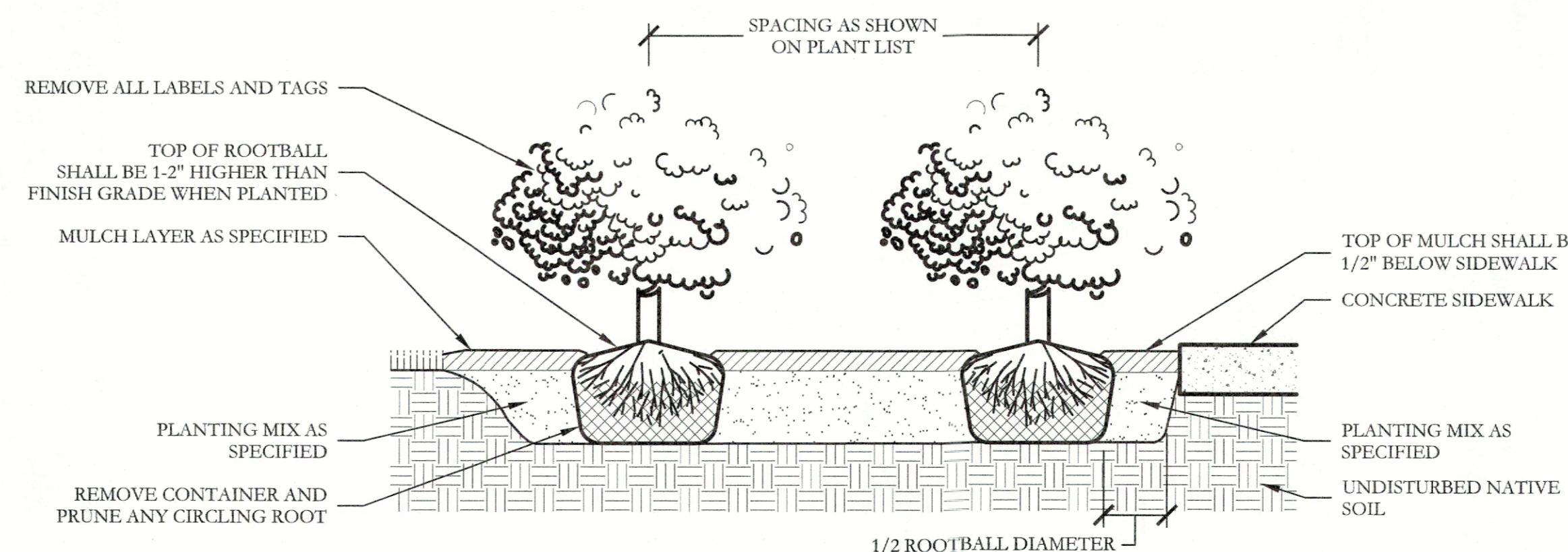
KEY	ESTIMATED QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE	SPACING	REMARKS
LO	13	LIVE OAK	QUERCUS VIRGINIANA	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
SO	18	SHUMARD OAK	QUERCUS SHUMARDII	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
CP	08	CHINESE PISTACHE	PISTACIA CHINENSIS	4" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM BRANCHING HEIGHT AT 6'-0"; MINIMUM 10'-0" OVERALL HEIGHT.
RB	6	TEXAS REDBUD	CERCIS CANADENSIS VAR. TEXENSIS	2" CALIPER	AS SHOWN	NURSERY GROWN; FULL HEAD; MINIMUM 8'-0" OVERALL HEIGHT.
	53	TEXAS SAGE	LEUCOPHYLLUM FRUTESCENS	7 GALLON	48" O.C.	CONTAINER GROWN; FULL PLANT.
	87	DWARF BURFORD HOLLY	ILEX CORNUTA 'DWARF BURFORD'	7 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	24	AUTUMN SAGE	SALVIA GREGGII	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	70	UPRIGHT ROSEMARY	ROSMARINUS OFFICINALIS 'UPRIGHT'	3 GALLON	36" O.C.	CONTAINER GROWN; FULL PLANT.
	690	GULF MUHLY GRASS	MUHLENBERGIA CAPILLARIS 'REGAL MIST'	1 GALLON	24" O.C.	CONTAINER GROWN; FULL PLANT.
	200	BLUE GRAMA 'BLONDE AMBITION' GRASS	BOUTELOUA GRACILIS 'BLONDE AMBITION'	1 GALLON	24" O.C.	CONTAINER GROWN; FULL PLANT.
	200	LIRIOPE GRASS	LIRIOPE MUSCARI	1 GALLON	18" O.C.	CONTAINER GROWN; FULL PLANT.
	250	ANNUAL COLOR	TO BE SELECTED BY OWNER	4" POT	8" O.C.	CONTAINER GROWN; FULL PLANT.
	35,230	COMMON BERMUDA GRASS	CYNODON DACTYLON	SQUARE FEET	SOLID SOD	MINIMUM 100% COVERAGE ALL AREAS SHOWN
	1,710	OKLAHOMA RIVER ROCK	3" DEPTH; MIXTURE OF TANS, BROWNS, GRAYS AND PINKS	SQUARE FEET	EQUAL MIX 1-2" AND 2-4"	INSTALL AT 3" DEPTH MINIMUM WITH DEWITT 4.1 OZ FILTER FABRIC BENEATH ROCK



3 TYPICAL SHRUB AND GROUND COVER PLANTING PLAN/SECTION NOT TO SCALE



NOTE:
 1. TRIANGULAR SPACING IS PREFERRED. USE SQUARE SPACING ONLY IN SMALL RECTILINEAR AREAS.
 2. "D" EQUALS THE SPACING DISTANCE AS SPECIFIED ON THE PLANT LEGEND.



GENERAL LANDSCAPE NOTES

INSPECTIONS:

- NO EXCAVATION SHALL OCCUR IN CITY R.O.W. WITHOUT A R.O.W. PERMIT-CONTACT THE PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR SHALL MARK ALL WATER LINES, SEWER LINES, AND TREE LOCATIONS PRIOR TO CALLING FOR ROW INSPECTION AND PERMIT.
- THE LANDSCAPE INSTALLATION SHALL COMPLY WITH APPROVED LANDSCAPE DRAWINGS PRIOR TO FINAL ACCEPTANCE BY THE CITY AND ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- WATER METERS, CLEANOUTS AND OTHER APPURTENANCES, SHALL BE ACCESSIBLE, ADJUSTED TO GRADE, CLEARLY MARKED WITH FLAGGING AND COMPLIANT WITH PUBLIC WORKS DEPARTMENT STANDARDS PRIOR TO CALLING FOR FINAL LANDSCAPE AND ROW INSPECTIONS.

LANDSCAPE STANDARDS:

- PLANTINGS AND LANDSCAPE ELEMENTS SHALL COMPLY WITH THE CITY'S ENGINEERING DESIGN STANDARDS, PUBLIC R.O.W. VISIBILITY REQUIREMENTS.
- UNLESS OTHERWISE SPECIFIED, TREES SHALL BE PLANTED NO LESS THAN 4' FROM CURBS, SIDEWALKS, UTILITY LINES, SCREENING WALLS AND OTHER STRUCTURES. THE CITY HAS FINAL APPROVAL FOR ALL TREE PLACEMENTS.
- A MINIMUM THREE FEET (3') RADIUS AROUND A FIRE HYDRANT MUST REMAIN CLEAR OF LANDSCAPE PURSUANT TO THE FIRE CODE.
- STREET TREES, WHERE REQUIRED, SHALL BE (10') MINIMUM FROM THE EDGE OF A STORM SEWER CURB INLET BOX AND THE EDGE OF THE ROOT BALL SHALL BE (4') MINIMUM FROM THE WATER METER.
- THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004) SPECIFICATIONS SHALL GOVERN PLANT QUALIFICATIONS, GRADES, AND STANDARDS.
- TREE PLANTING SHALL COMPLY WITH DETAILS HEREIN AND THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) STANDARDS.
- A 2-3" LAYER OF MULCH SHALL BE PROVIDED AROUND THE BASE OF THE PLANTED TREE. THE MULCH SHALL BE PULLED BACK 4" FROM THE TRUNK OF THE TREE.
- TREE PITS SHALL BE TESTED FOR WATER PERCOLATION. IF WATER DOES NOT DRAIN OUT OF TREE PIT WITHIN 24-HOURS, THE TREE SHALL BE MOVED OR DRAINAGE SHALL BE PROVIDED.
- ALL BEDS TO HAVE 3" OF COMPOSTED SOIL, LIVING EARTH TECHNOLOGY, OR APPROVED EQUAL TILLED AND TURNED TO A DEPTH OF 8" MINIMUM.
- ALL PLANT BEDS SHALL BE TOP-DRESSED WITH A MINIMUM OF 3 INCHES OF HARDWOOD MULCH.
- NATIVE SITE TOPSOIL IS TO BE PROTECTED FROM EROSION OR STOCKPILED. NATIVE SITE TOPSOIL SHALL BE LABORATORY TESTED BY AND ACCREDITED LABORATORY AND AMENDED PER SAID LABORATORY'S RECOMMENDATIONS.

IRRIGATION STANDARDS:

- ANY CHANGES TO THESE APPROVED IRRIGATION DRAWINGS SHALL BE AUTHORIZED BY THE CITY. CONTACT DEVELOPMENT SERVICES FOR AN IRRIGATION PERMIT PRIOR TO INSTALLING THE IRRIGATION SYSTEM.
- IRRIGATION OVER-SPRAY ON STREETS AND WALKS IS PROHIBITED.
- MAINLINES, VALVES, OR CONTROL WIRES SHALL NOT BE LOCATED IN THE CITY'S ROW.
- ET IRRIGATION CONTROLLERS SHALL BE PROGRAMMED AND ADJUSTED TO NOT EXCEED THE LANDSCAPE WATER ALLOWANCE (LWA) PRIOR TO APPROVAL OF LANDSCAPE INSTALLATION.
- VALVES SHALL BE LOCATED A MINIMUM OF (3') AWAY FROM STORM SEWERS, AND SANITARY SEWER LINES AND 5 FEET FROM CITY FIRE HYDRANTS AND WATER VALVES.
- THE BORE DEPTH UNDER STREETS, DRIVE AISLES, AND FIRE LANES SHALL PROVIDE (2') OF CLEARANCE (MINIMUM).
- IRRIGATION HEADS THAT RUN PARALLEL AND NEAR PUBLIC WATER AND SANITARY SEWER LINES, SHALL BE FED FROM STUBBED LATERALS OR BULL-HEADS. A MINIMUM FIVE FOOT (5') SEPARATION IS REQUIRED BETWEEN IRRIGATION MAIN LINES AND LATERALS THAT RUN PARALLEL TO PUBLIC WATER AND SANITARY SEWER LINES.
- NO VALVES, BACKFLOW PREVENTION ASSEMBLIES, QUICK COUPLERS ETC. SHALL BE LOCATED CLOSER THAN 10' FROM THE CURB AT STREET OR DRIVE INTERSECTION.

MAINTENANCE STANDARDS:

- THE OWNER SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, AND VIGOR OF PLANT MATERIAL IN ACCORDANCE WITH THE DESIGN INTENT AND AS APPROPRIATE FOR THE SEASON OF THE YEAR.
- LANDSCAPE AND OPEN AREAS SHALL BE FREE OF TRASH, LITTER AND WEEDS.
- NO PLANT MATERIAL SHALL BE ALLOWED TO ENCROACH ON R.O.W., SIDEWALKS OR EASEMENTS TO THE EXTENT THAT VISION OR ROUTE OF TRAVEL FOR VEHICULAR, PEDESTRIAN, OR BICYCLE TRAFFIC IS IMPEDED.
- TREE MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE.
- TREE STAKING MATERIALS, IF USED, SHALL BE REMOVED AFTER (1) GROWING SEASON, NO MORE THAN (1) YEAR AFTER INSTALLATION (STEEL TREE STAKES, WIRES, AND HOSES ARE PROHIBITED).

TREE PROTECTION NOTES:

- CONTACT DEVELOPMENT SERVICES FOR A TREE REMOVAL PERMIT PRIOR TO REMOVAL OR TRANSPLANTING OF ANY TREES.
- ALL TREES WHICH ARE TO REMAIN ON SITE SHALL BE PROTECTED WITH A (4') TALL BRIGHTLY COLORED PLASTIC FENCE, OR SILT FENCE, PLACED AT THE DRIP LINE OF THE TREES.
- PRIOR TO THE PRE-CONSTRUCTION MEETING OR OBTAINING A GRADING PERMIT, ALL TREE MARKINGS AND PROTECTIVE FENCING SHALL BE INSTALLED BY THE OWNER AND BE INSPECTED BY DEVELOPMENT SERVICES.
- NO EQUIPMENT SHALL BE CLEANED, OR HARMFUL LIQUIDS DEPOSITED WITHIN THE LIMITS OF THE ROOT ZONE OF TREES WHICH REMAIN ON SITE.
- NO SIGNS, WIRES, OR OTHER ATTACHMENTS SHALL BE ATTACHED TO ANY TREE TO REMAIN ON SITE.
- VEHICULAR AND CONSTRUCTION EQUIPMENT SHALL NOT PARK OR DRIVE WITHIN THE LIMITS OF THE DRIP LINE.
- GRADE CHANGES IN EXCESS OF 3 INCHES (CUT OR FILL) SHALL NOT BE ALLOWED WITHIN A ROOT ZONE, UNLESS ADEQUATE TREE PRESERVATION METHODS ARE APPROVED BY THE CITY.
- NO TRENCHING SHALL BE ALLOWED WITHIN THE DRIP-LINE OF A TREE, UNLESS APPROVED BY THE CITY.
- ALL REMOVED TREES SHALL BE CHIPPED AND USED FOR MULCH ON SITE OR HAULED OFF-SITE.
- ALL TREE MAINTENANCE TECHNIQUES SHALL BE IN CONFORMANCE WITH INDUSTRY IDENTIFIED STANDARDS. IMPROPER OR MALICIOUS PRUNING TECHNIQUES ARE STRICTLY PROHIBITED.

APPROVED:

I hereby certify that the above and foregoing site plan for development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission on the 15th day of December, 2022.

APPROVED: [Signature] in the City of Rockwall, Texas, as approved by the Planning & Zoning Commission on the 15th day of December, 2022.

WTNTE: [Signature] Director of Planning & Zoning

Planning & Zoning Chairman

BUILDING MATERIAL CALCULATIONS

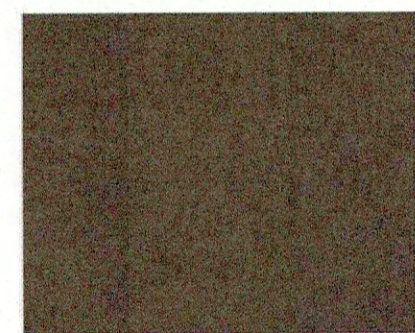
Material	North	Percent	South	Percent	East	Percent	West	Percent
TOTAL SQ FT.	207 S.F.	-	206 S.F.	-	218 S.F.	-	378 S.F.	-
PRIMARY MATERIAL TOTALS	106 S.F.	51.21%	104 S.F.	50.49%	203 S.F.	93.12%	272 S.F.	71.96%
NATURAL STONE VENEER (HILLTOP LIMESTONE BY TEXAS STONE DESIGN, INC.)	106 S.F.	51.21%	104 S.F.	50.49%	203 S.F.	93.12%	272 S.F.	71.96%
SECONDARY MATERIAL TOTALS	101 S.F.	48.79%	102 S.F.	49.51%	15 S.F.	6.88%	106 S.F.	28.04%
FIBER CEMENT SIDING (COLOR TO MATCH ROOF SHINGLES)	-	-	-	-	7 S.F.	3.21%	-	-
DOUGLAS FIR BEAMS/COLUMNS (COLOR TO BE SW 9091 HALF-CAFF BY SHERWIN WILLIAMS)	101 S.F.	48.79%	102 S.F.	49.51%	8 S.F.	3.67%	106 S.F.	28.04%
DOOR/WINDOW/OPERABLE LOVER TOTALS	-	-	-	-	-	-	-	-
ROOF (TIMBERLINE NS SHINGLES (WEATHERED WOOD COLOR) BY GAF)	-	-	-	-	-	-	-	-



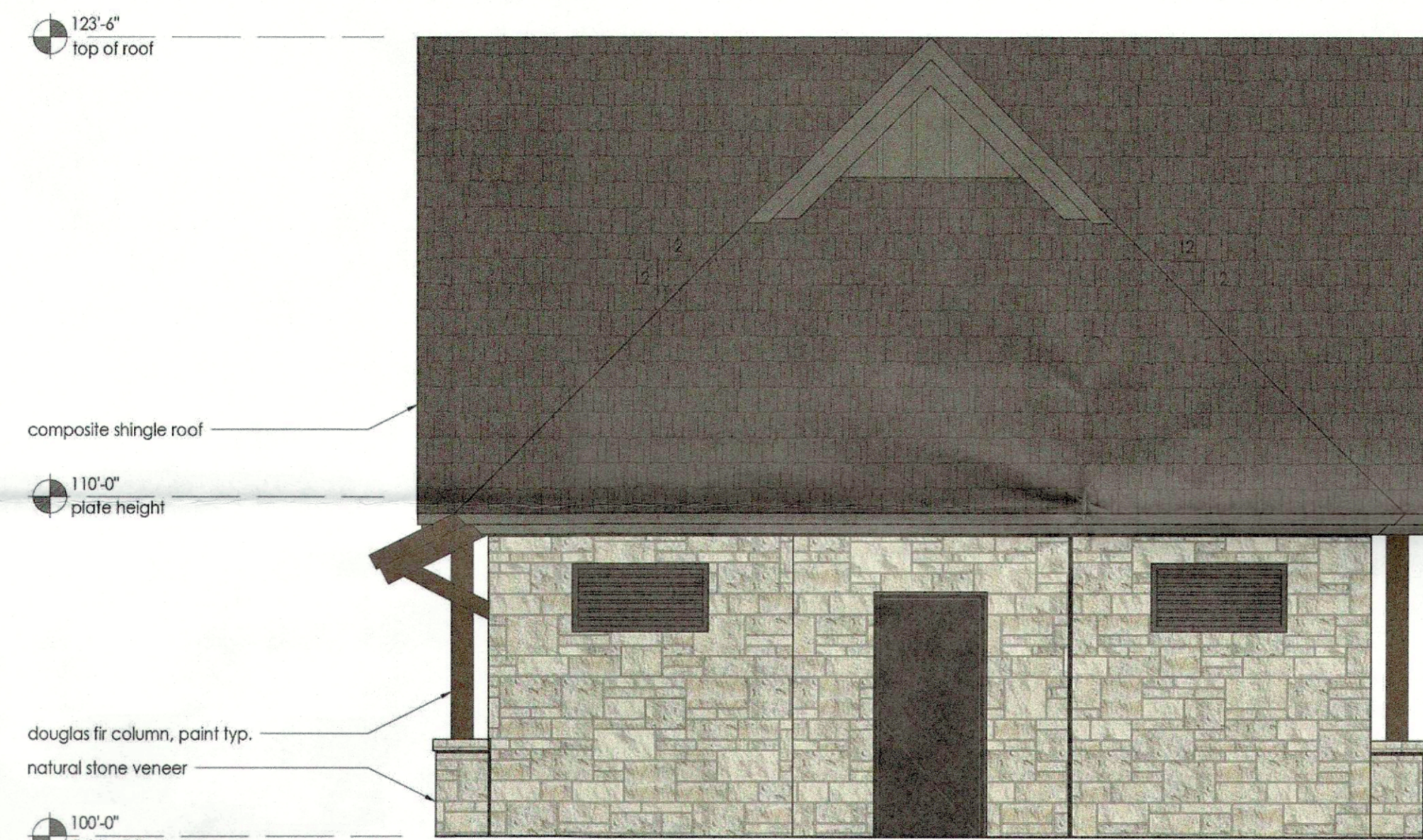
TEXAS STONE DESIGN INC.
HILLTOP LIMESTONE



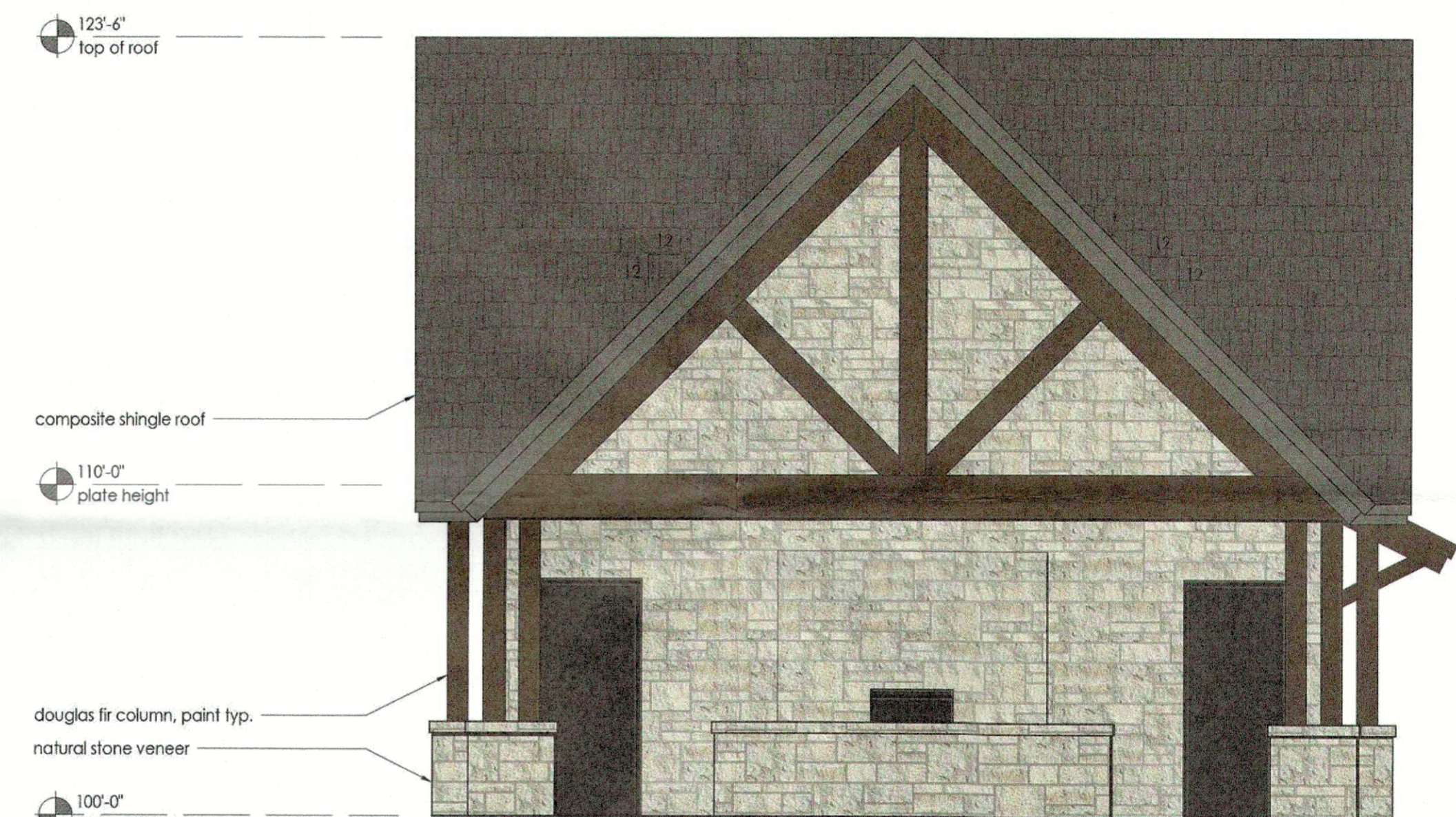
TIMBERLINE NS SHINGLES
WEATHERED WOOD



SHERWIN WILLIAMS
HALF-CAFF
SW 9091



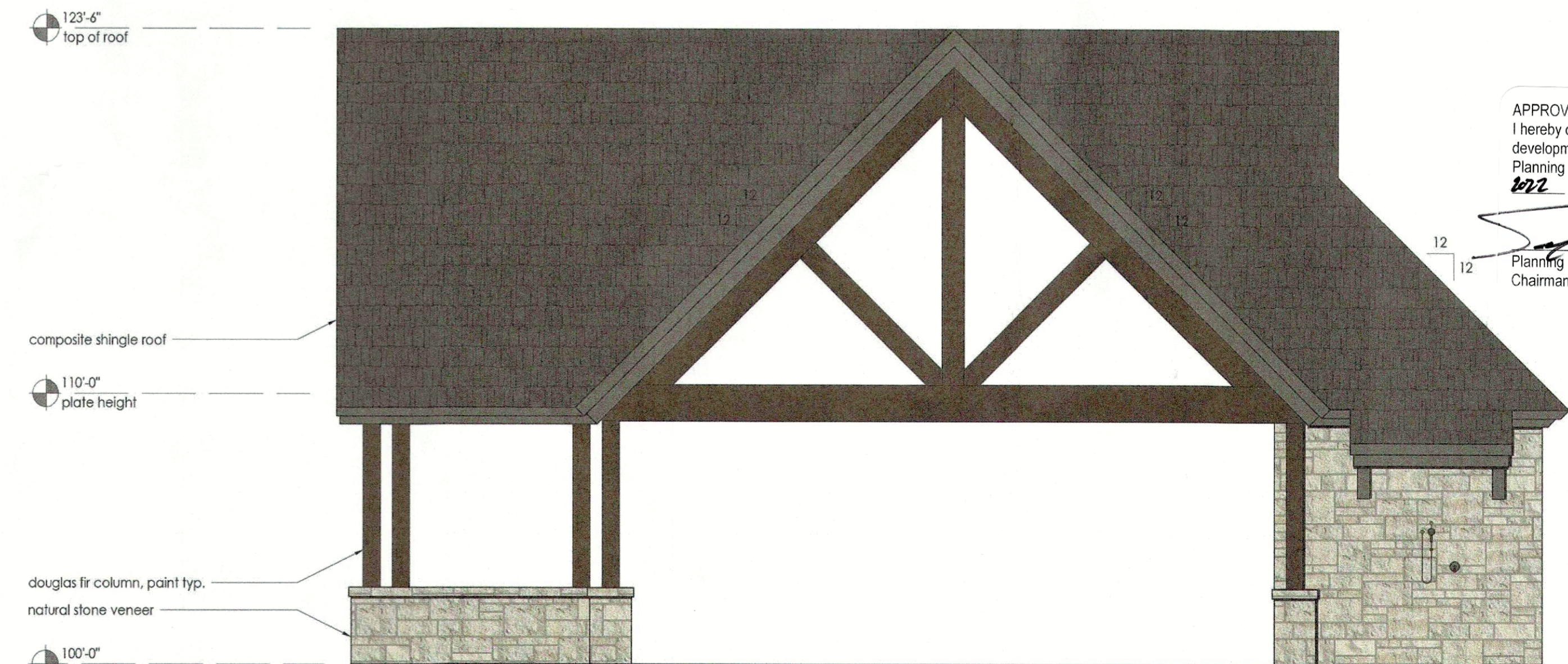
4 East Elevation
elevation
SCALE: 1/4"=1'-0"



3 West Elevation
elevation
SCALE: 1/4"=1'-0"



2 North Elevation
elevation
SCALE: 1/4"=1'-0"



1 South Elevation
elevation
SCALE: 1/4"=1'-0"

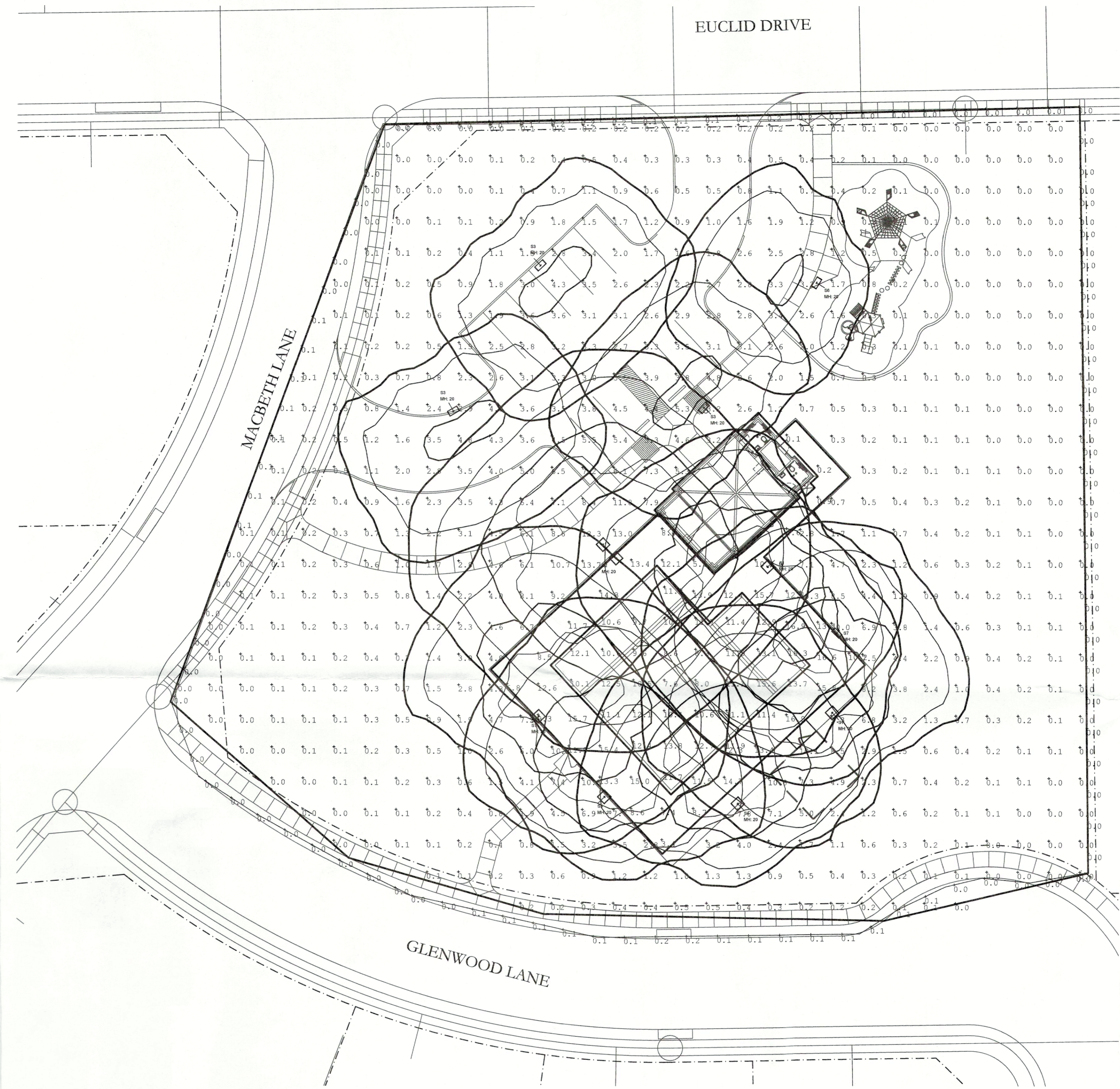
APPROVED:
I hereby certify that the above and foregoing site plan for development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission on the 13 day of December, 2022.

[Signature]
Planning & Zoning Commission, Chairman

[Signature]
Director of Planning & Zoning

Copyright © 2022
DATE: 11.29.2022
SCALE:
JOB NO. MA22057
DRAWN: JV
APPD: KM
ACAD #
EXTERIOR ELEVATIONS

DRAWING NO. **A4.00** REV. NO.



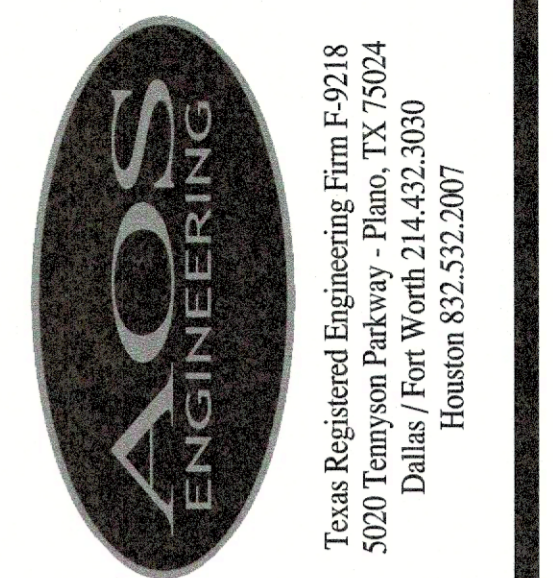
1 SITE PLAN - ELECTRICAL - PHOTOMETRICS
SCALE 1" = 20'-0"

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Lum. Watts	Arr. Watts	Total Watts
⊕	1	S6	SINGLE	N.A.	0.850	EALSO3 D4AF740 WITH ELS-EAL-RS2-BLCK	70	70	70
⊕	1	S5	SINGLE	N.A.	0.850	EALSO3 K4AF740 WITH ELS-EAL-FS2-BLCK	239	239	239
⊕	1	S4	SINGLE	N.A.	0.850	EALSO3 K4AF740 WITH ELS-EAL-FS2-BLCK	239	239	239
⊕	3	S3	SINGLE	N.A.	0.850	EALSO3 D4AF740	70	70	210
⊕	3	S1	SINGLE	N.A.	0.850	EALSO3 J4AF740	186	186	558
⊕	1	S2	D180°	N.A.	0.850	EALSO3 J4AF740	186	372	372
⊕	1	S7	SINGLE	N.A.	0.850	EALPO3 H4AF740 WITH ELS-EAL-RS2-BLCK	151	151	151

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
GROUND Planar	Illuminance	Fc	1.56	13.7	0.0	N.A.	N.A.
POOL DECK Planar	Illuminance	Fc	10.89	16.9	0.1	108.90	169.00
POOL SURFACE POOL SURFACE	Illuminance	Fc	11.37	16.3	7.6	1.50	2.14
PROPERTY LINE	Illuminance	Fc	0.04	0.2	0.0	N.A.	N.A.

APPROVED:
I hereby certify that the above and foregoing site plan for development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission on the 13 day of December, 2022.
[Signature]
Director of Planning & Zoning
Chairman

CONTRACTOR SHALL COORDINATE
MEP DRAWINGS WITH ALL OTHER
DISCIPLINES



**Nelson Lake
Amenity Center**
Rockwall, TEXAS

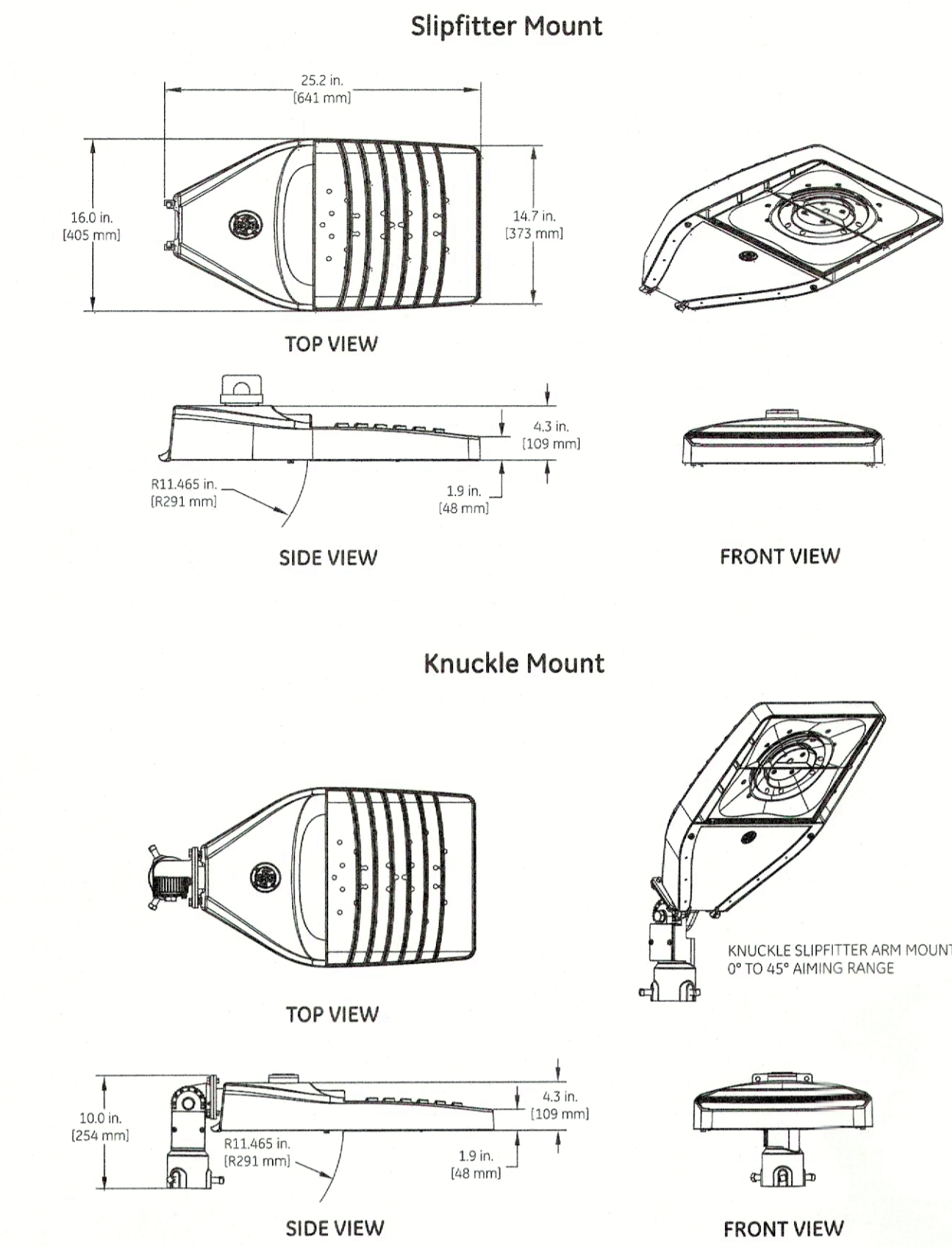
Issue: PERMIT 10/18/2022
Revisions:
CITY REVIEW 01/04/2023

Drawing Title:
**ELECTRICAL -
SITE PLAN
PHOTOMETRICS**

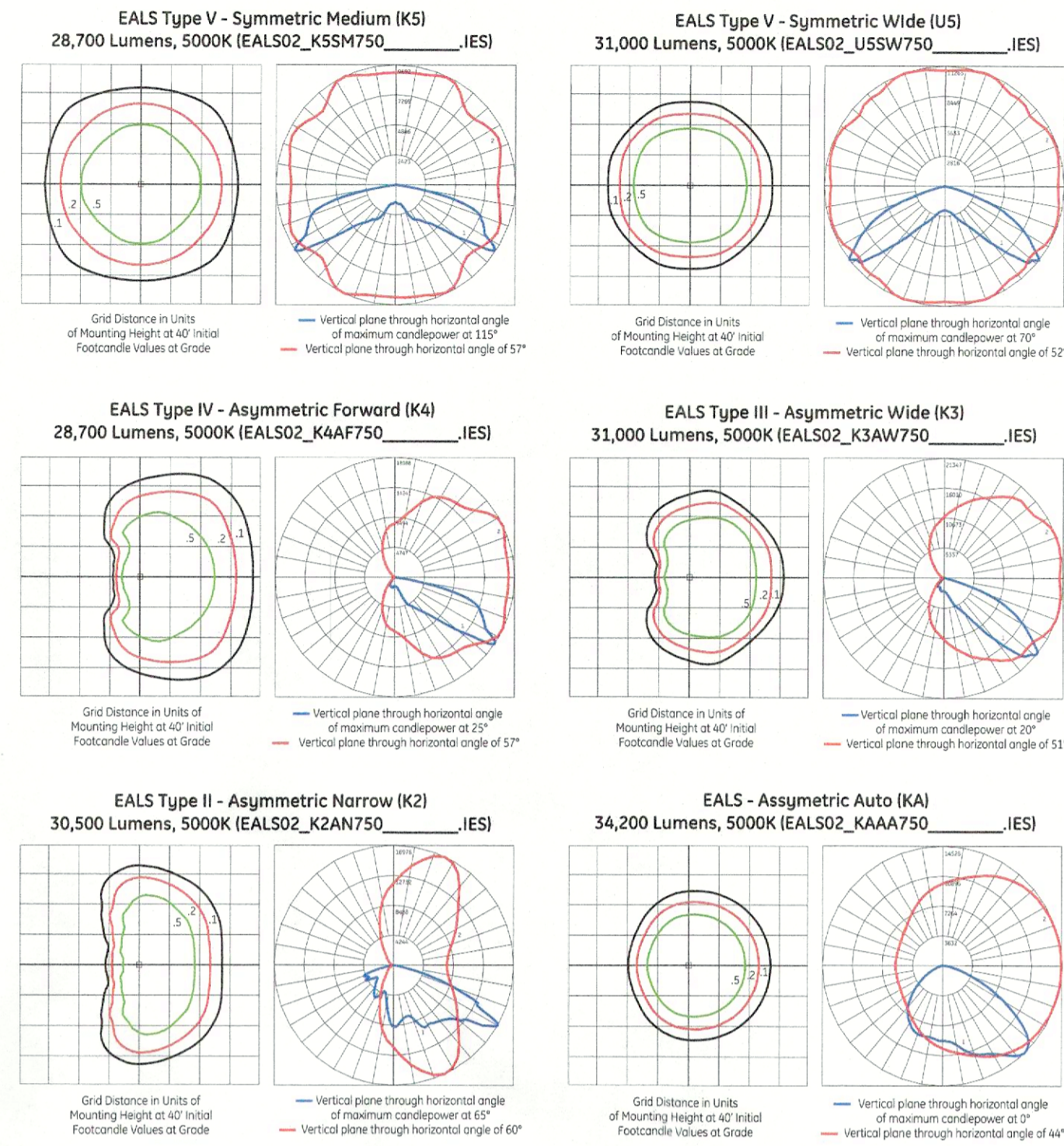
Sheet **E1.02**

AOS JOB #: 3789-001-22

Product Dimensions
Evolve™ LED Area Light (EALS)



Photometrics
Evolve™ LED Area Light (EALS)



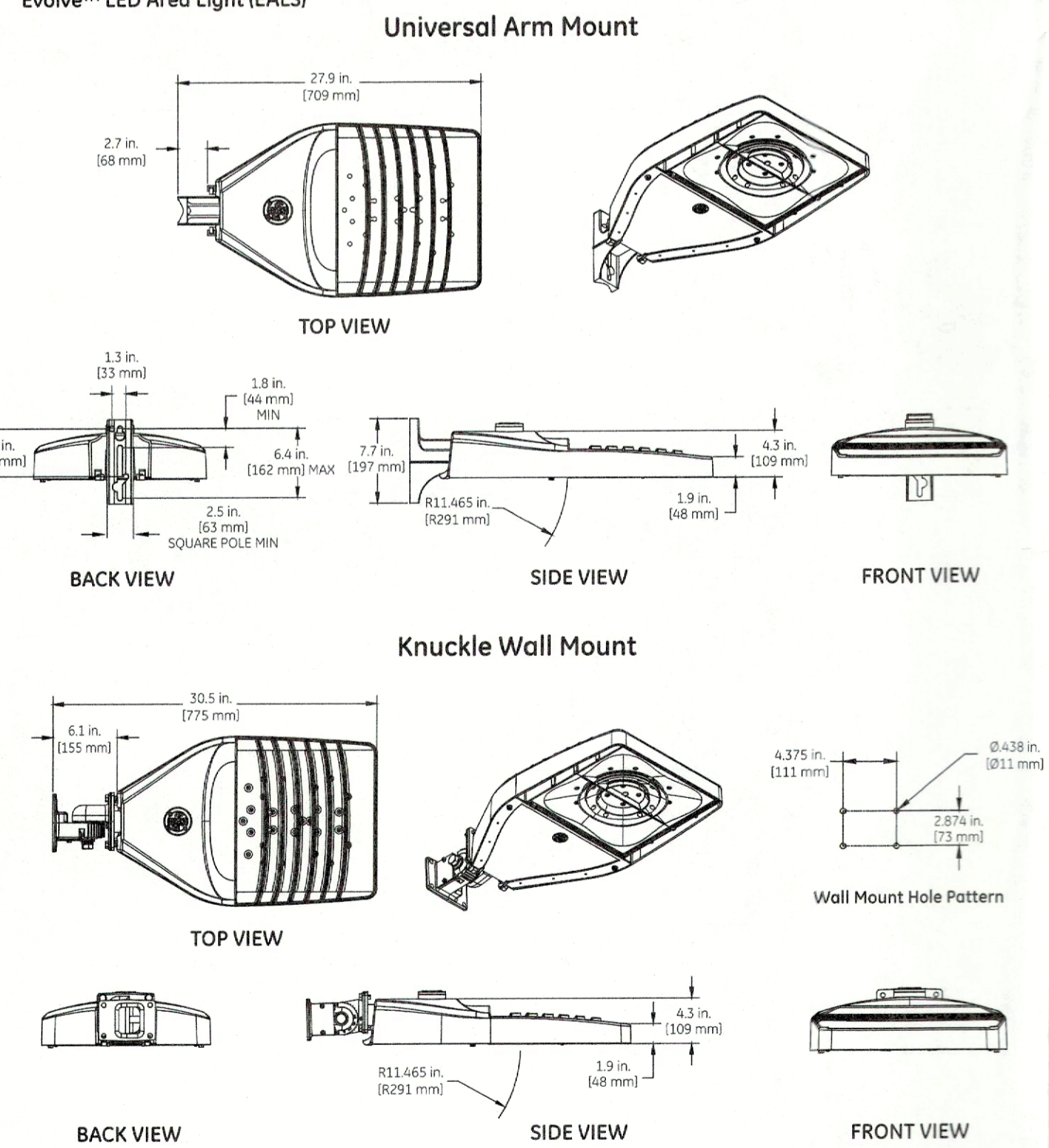
Ordering Number Logic
Evolve™ LED Area Light (EALS)

EALS 02 7

PROD. ID	GENERATION	VOLTAGE	OPTICAL DISTRIBUTION	CR	CC	DIMMING	CONTROLS	MOUNTING	COLOR	OPTIONS
E	Evolve	02 = 2nd Generation	0 = 120-277V 1 = 120 2 = 240 3 = 277 4 = 480 5 = 575 6 = 812	SM = Symmetric Medium SW = Symmetric Wide AF = Asymmetric Forward AW = Asymmetric Wide AN = Asymmetric Narrow AA = Asymmetric Auto	30 = 3000K 40 = 4000K 50 = 5000K	N = Dimming thru PE receptacle D = External PE receptacle C = ANS C136.41 Cable	A = ANS 7 pin PE receptacle P = ANS 7 pin PE receptacle with shorting cap provided Note: See accessories section on page 7 for PE Control wiring	C1 = Integral Slipfitter 2" Arm, field for round or square pole mounting** K1 = Knuckle Slipfitter for 1.5" x 2.3" x 3.0" Tenon** S1 = Knuckle Slipfitter for 2.3" x 3.0" x 3.0" Tenon** V1 = Knuckle Wall Mount**	GRAY = Gray BLACK = Black DARK = Dark WHITE = White	F = Fixing M = Motion C = cUL Canada E = Enhanced Surge Protection (EMV) S1 = Recessed LED S2 = Recessed LED N = NOM311 Hecog U = DALI dimming** D = DALI dimming** 300K = Special Options * Contact Manufacturer for availability ** Compatible with LightGrid 2.0 nodes *** For aimed light, aim light distribution orientation, as assembled in manufacturing. Not applicable for Symmetric or Asymmetric Auto Distributors.

OPTICAL CODE	DISTRIBUTION	TYPICAL INITIAL LUMENS	TYPICAL SYSTEM WATTAGE	BEAM RATING	IES FILE NUMBER								
TYPE		5000K	120-277V @ 147-480V	500K	500K								
DS	Symmetric Medium	9700	10000	74	3	0	2	EALS02_DSMT730	IES	EALS02_DSMT740	IES	EALS02_DSMT750	IES
FS	Symmetric Medium	14400	15000	119	4	0	2	EALS02_FSSM730	IES	EALS02_FSSM740	IES	EALS02_FSSM750	IES
HS	Symmetric Medium	19500	20000	171	4	0	2	EALS02_HSSM730	IES	EALS02_HSSM740	IES	EALS02_HSSM750	IES
JS	Symmetric Medium	24300	25000	230	5	0	3	EALS02_JSSM730	IES	EALS02_JSSM740	IES	EALS02_JSSM750	IES
KS	Symmetric Medium	28100	28700	281	5	0	3	EALS02_KSSM730	IES	EALS02_KSSM740	IES	EALS02_KSSM750	IES
QS	Symmetric Wide	10500	10800	74	3	0	1	EALS02_QSSW730	IES	EALS02_QSSW740	IES	EALS02_QSSW750	IES
OS	Symmetric Wide	15700	16200	119	4	0	2	EALS02_OSSW730	IES	EALS02_OSSW740	IES	EALS02_OSSW750	IES
SS	Symmetric Wide	21000	21600	171	4	0	2	EALS02_SSSW730	IES	EALS02_SSSW740	IES	EALS02_SSSW750	IES
TS	Symmetric Wide	26400	27100	230	5	0	2	EALS02_TSSW730	IES	EALS02_TSSW740	IES	EALS02_TSSW750	IES
US	Symmetric Wide	30200	31000	291	5	0	2	EALS02_USSW730	IES	EALS02_USSW740	IES	EALS02_USSW750	IES
DA	Asymmetric Forward	9700	10000	87	2	0	2	EALS02_DAAF730	IES	EALS02_DAAF740	IES	EALS02_DAAF750	IES
FA	Asymmetric Forward	14400	15000	137	2	0	3	EALS02_FAAF730	IES	EALS02_FAAF740	IES	EALS02_FAAF750	IES
HA	Asymmetric Forward	19500	20000	171	3	0	4	EALS02_HAAF730	IES	EALS02_HAAF740	IES	EALS02_HAAF750	IES
JA	Asymmetric Forward	24300	25000	230	3	0	4	EALS02_JAAF730	IES	EALS02_JAAF740	IES	EALS02_JAAF750	IES
KA	Asymmetric Forward	28100	28700	281	3	0	4	EALS02_KAAF730	IES	EALS02_KAAF740	IES	EALS02_KAAF750	IES
D3	Asymmetric Wide	10500	10800	87	2	0	2	EALS02_D3AW730	IES	EALS02_D3AW740	IES	EALS02_D3AW750	IES
F3	Asymmetric Wide	15600	16100	137	2	0	2	EALS02_F3AW730	IES	EALS02_F3AW740	IES	EALS02_F3AW750	IES
H3	Asymmetric Wide	21000	21600	171	3	0	2	EALS02_H3AW730	IES	EALS02_H3AW740	IES	EALS02_H3AW750	IES
J3	Asymmetric Wide	26400	27100	230	3	0	3	EALS02_J3AW730	IES	EALS02_J3AW740	IES	EALS02_J3AW750	IES
K3	Asymmetric Wide	30200	31000	291	3	0	3	EALS02_K3AW730	IES	EALS02_K3AW740	IES	EALS02_K3AW750	IES
D2	Asymmetric Narrow	10300	10600	87	2	0	2	EALS02_D2AN730	IES	EALS02_D2AN740	IES	EALS02_D2AN750	IES
F2	Asymmetric Narrow	15300	15900	137	3	0	3	EALS02_F2AN730	IES	EALS02_F2AN740	IES	EALS02_F2AN750	IES
H2	Asymmetric Narrow	20700	21300	171	3	0	3	EALS02_H2AN730	IES	EALS02_H2AN740	IES	EALS02_H2AN750	IES
J2	Asymmetric Narrow	25900	26600	230	3	0	3	EALS02_J2AN730	IES	EALS02_J2AN740	IES	EALS02_J2AN750	IES
K2	Asymmetric Narrow	29700	30500	281	3	0	3	EALS02_K2AN730	IES	EALS02_K2AN740	IES	EALS02_K2AN750	IES
KA	Asymmetric Auto	33400	34000	281	4	0	3	EALS02_KAAA730	IES	EALS02_KAAA740	IES	EALS02_KAAA750	IES

Product Dimensions
Evolve™ LED Area Light (EALS)



Accessories
Evolve™ LED Area Light (EALS)

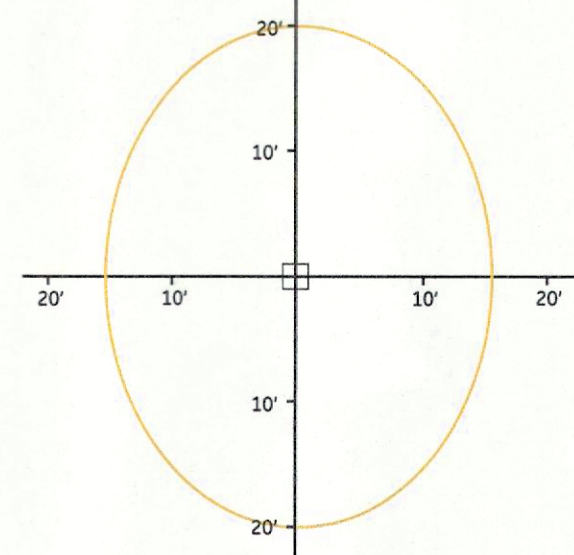
PE Accessories (to be ordered separately)

Part Number	Description	Part Number	Description
93029237	PE-MV-LED-7 ANS C136.41 Dimming PE, 120-277V	28299	PECOTL STANDARD 120-277V
93029238	PE-D3-LED-7 ANS C136.41 Dimming PE, 347V	28294	PECOTL STANDARD 480V
93029239	PE-D4-LED-7 ANS C136.41 Dimming PE, 480V	80436	PECOTL STANDARD 347V
		73251	SCCL-PECTL Shorting cap

H-Motion Sensing Option

- Intended for applications, between 15-30 ft. mounting height. (4.57-9.14m). For mounting heights exceeding 30 ft., pole mounted sensors are recommended.
 - Provides a coverage area radius for walking motion of 15-20 ft. (4.57-6.10m).
 - Provides 270° of coverage (-90° is blocked by the pole).
 - Standard factory settings:
 - 50% output when unoccupied, 100% output occupied.
 - Integral PE Sensor.
 - 5 minute post-occupancy time delay, 5 minute dimming ramp-down.
 - Fixture power increase of 1W expected with sensor use.
- Note: Standard options may be reprogrammed in the field. Reprogramming instructions included in product shipment.

Sensor Pattern



LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	LUMENS	COLOR	WATTAGE	TYPE	MOUNTING	MANUFACTURER / MODEL #
A	24" LONG, THIN-PROFILE MIRROR LIGHT. COORDINATE INSTALLATION WITH ARCHITECT PRIOR TO ROUGH-IN FOR PROPER PLACEMENT AND OPERATION	120V	750	3.8	3.8	LED	SURFACE	LUX LIGHTING
BE	8" LED OPEN DOWNLIGHT W/ TRIM-LOCK TECHNOLOGY, 0-10V DIMMABLE, 80 CRI, 3500K, OPEN W/ CLEAR SEMI-SPECULAR FINISH, WIDE DISTRIBUTION, 10 WATT EMERGENCY BATTERY	120V	1988	19	19	LED	RECESSED	H.E. WILLIAMS
CE	4" LED LENSED STRIP WITH ROUND PRISMATIC ACRYLIC LENS, 0-10V DIMMABLE, 80 CRI, 3500K, 10 WATT EMERGENCY BATTERY	120V	3071	LED	10	LED	SURFACE	H.E. WILLIAMS
S1	SITE LTG. POLE, 20' HIGH, 4" SQ. STEEL WITH SINGLE HEAD FACING FORWARD FIXTURE OPTICS ROTATION PLACEMENT IS CRUCIAL	120V	28600	166	166	LED	TENON	POLE + GEN. ELEC. 20' TALL, 4" SQ. STRAIGHT STEEL #SSS-E-30-140-B-11-10.50J-UL HEAD S1 + G.E. #EALS-03-3-14-740-D-D-S1
S2	SITE LTG. POLE, 20' HIGH, 4" SQ. STEEL W/ DUAL HEADS FACING 180 DEGREES FIXTURE OPTICS ROTATION PLACEMENT IS CRUCIAL	120V	28600	166	238	LED	TENON	POLE + GEN. ELEC. 20' TALL, 4" SQ. STRAIGHT STEEL #SSS-E-30-140-B-11-10.50J-UL HEAD S2 + G.E. #EALS-03-3-14-740-D-D-S1
S3	SITE LTG. POLE, 20' HIGH, 4" SQ. STEEL W/ SINGLE HEAD FACING FORWARD FIXTURE OPTICS ROTATION PLACEMENT IS CRUCIAL	120V	28600	70	70	LED	TENON	POLE + GEN. ELEC. 20' TALL, 4" SQ. STRAIGHT STEEL #SSS-E-30-140-B-11-10.50J-UL HEAD S3 + G.E. #EALS-03-3-14-740-D-D-S1
S4	SITE LTG. POLE, 20' HIGH, 4" SQ. STEEL WITH SINGLE HEAD FACING FORWARD FIXTURE OPTICS ROTATION PLACEMENT IS CRUCIAL	120V	28600	238	238	LED	TENON	POLE + GEN. ELEC. 20' TALL, 4" SQ. STRAIGHT STEEL #SSS-E-30-140-B-11-10.50J-UL HEAD S4 + G.E. #EALS-03-3-14-740-D-D-S1 W/ ELS-EAL-FS2-BLCK
S5	SITE LTG. POLE, 20' HIGH, 4" SQ. STEEL WITH SINGLE HEAD FACING FORWARD FIXTURE OPTICS ROTATION PLACEMENT IS CRUCIAL	120V	28600	238	238	LED	TENON	POLE + GEN. ELEC. 20' TALL, 4" SQ. STRAIGHT STEEL #SSS-E-30-140-B-11-10.50J-UL HEAD S5 + G.E. #EALS-03-3-14-740-D-D-S1 W/ ELS-EAL-FS2-BLCK
S6	SITE LTG. POLE, 20' HIGH, 4" SQ. STEEL WITH SINGLE HEAD FACING FORWARD FIXTURE OPTICS ROTATION PLACEMENT IS CRUCIAL	120V	28600	238	238	LED	TENON	POLE + GEN. ELEC. 20' TALL, 4" SQ. STRAIGHT STEEL #SSS-E-30-140-B-11-10.50J-UL HEAD S6 + G.E. #EALS-03-04-740-D-D-S1 W/ ELS-EAL-RS2-BLCK
S7	SITE LTG. POLE, 20' HIGH, 4" SQ. STEEL WITH SINGLE HEAD FACING FORWARD FIXTURE OPTICS ROTATION PLACEMENT IS CRUCIAL	120V	28600	238	238	LED	TENON	POLE + GEN. ELEC. 20' TALL, 4" SQ. STRAIGHT STEEL #SSS-E-30-140-B-11-10.50J-UL HEAD S7 + G.E. #EALS-03-3-14-740-D-D-S1 W/ ELS-EAL-RS2-BLCK

A ARCHITECT TO SELECT AND VERIFY ALL FINISHES AND FIXTURES PRIOR TO SUBMITTING FOR APPROVAL.

APPROVED:
I hereby certify that the above and foregoing site plan for development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission on the 15 day of December, 2022.

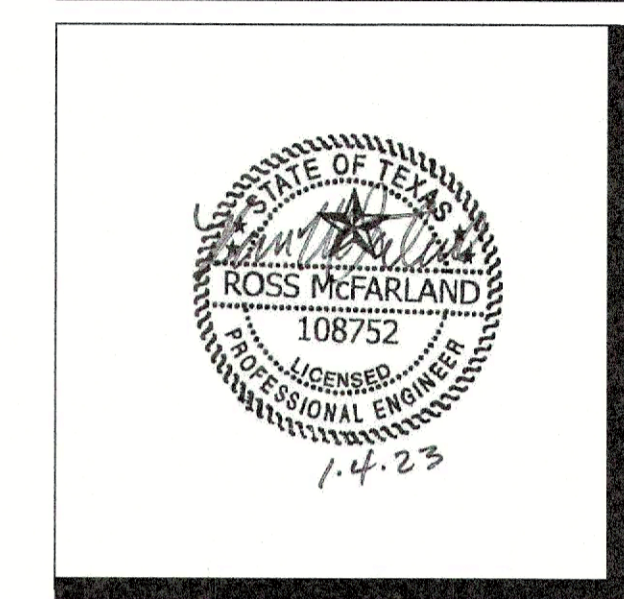
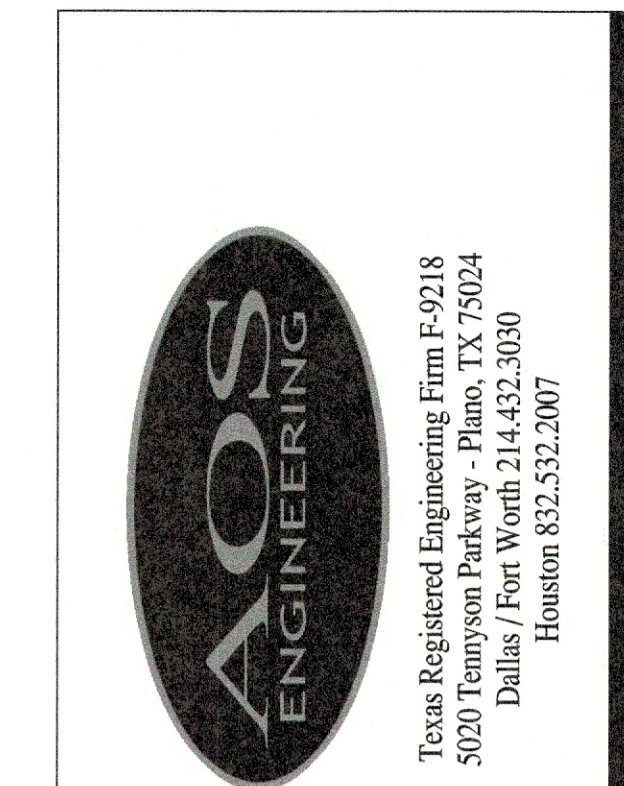
[Signature]
Director of Planning & Zoning
Chairman

CONTRACTOR SHALL COORDINATE MEP DRAWINGS WITH ALL OTHER DISCIPLINES

Drawing Title:
LIGHTING - FLOOR PLAN

Sheet
E2.01

AOS JOB #: 3798-001-02



Nelson Lake Amenity Center
Rockwall, TEXAS

Issue: PERMIT 10/18/2022
Revisions:
CITY REVIEW 01/04/2023