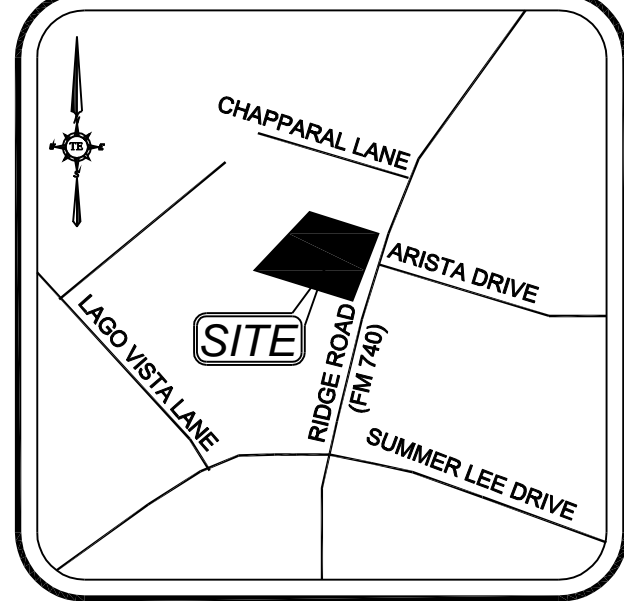
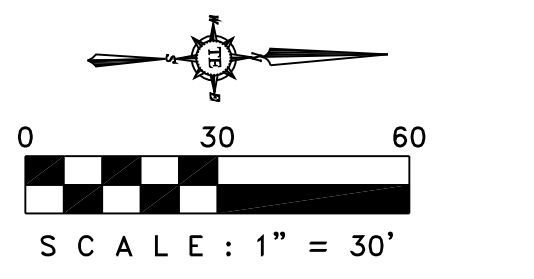


MEDICAL OFFICES DEVELOPMENT

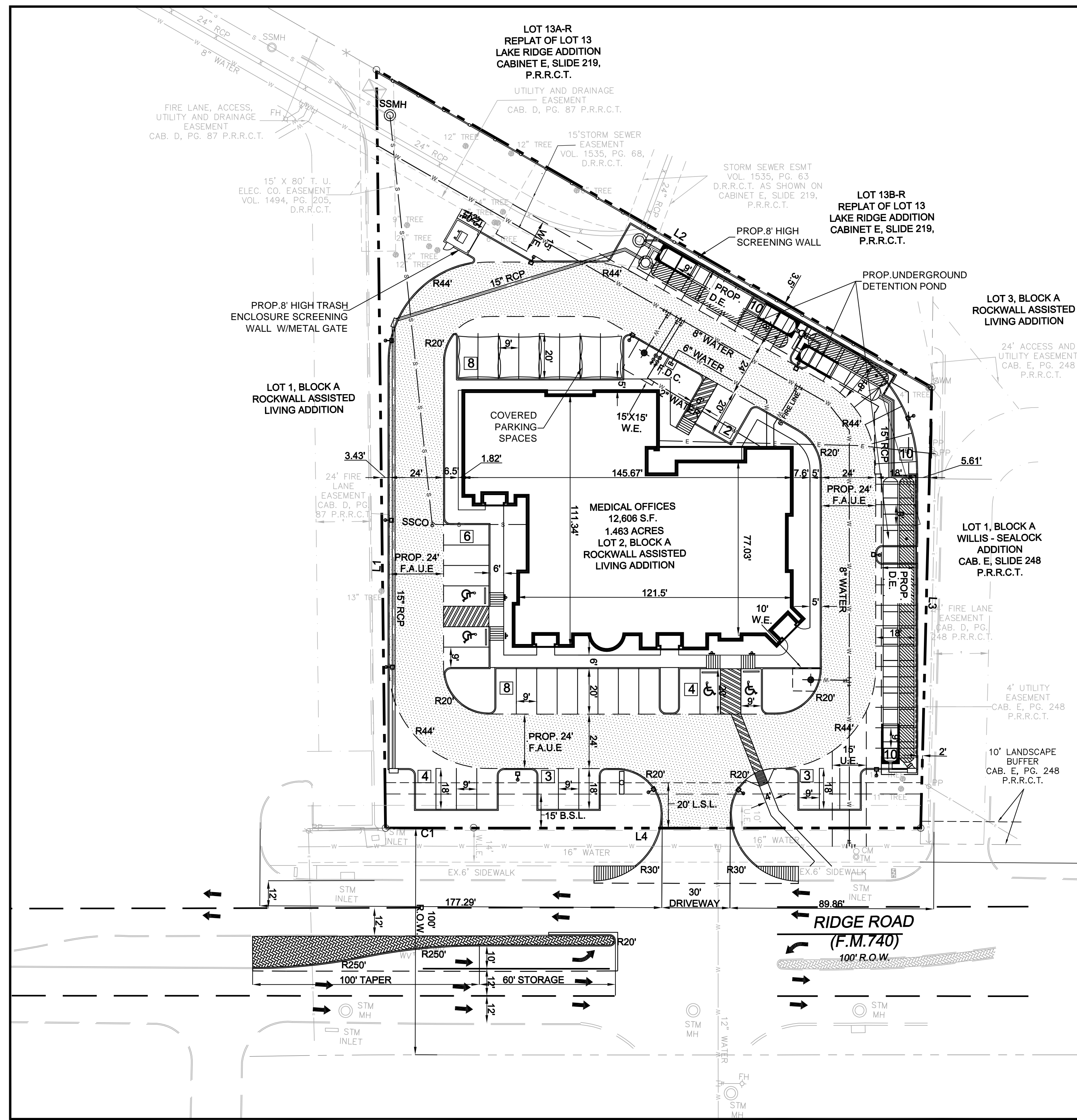
1.46 ACRES PORTION OF
 LOT 2, BLOCK "A" ROCKWALL ASSISTED LIVING ADDITION
 CITY OF ROCKWALL, ROCKWALL COUNTY, TX



VICINITY MAP
 N.T.S.

LEGEND	
EXISTING BOUNDARY	---
EXISTING CONCRETE PVMT.	▨
EXISTING POWER POLE	PP
EXISTING FIRE HYDRANT	FH
EXISTING STORM INLET	STM INLET
EXISTING SCREEN WALL	▨
EXISTING LIGHT POLE	LP
EXISTING ELECTRICAL BOX	EB
EXISTING CABLE MARKER	CM
EXISTING TELEPHONE MANHOLE	TM
EXISTING TREES	TREE
EXISTING CHAIN LINK FENCE	---
EXISTING WATER METER	WM
BOUNDARY LINE	---
PROPOSED CURB	---
PROPOSED FIRE HYDRANT	FH
PROP. STORM INLET	STM INLET
PROP. SCREENING WALL	▨
PROP. SITE LIGHT POLE	LP
PROP. FIRE LANE	---
PROP. SEWER MANHOLE	SSMH
PROP. SEWER CLEAN OUT	SSCO
PROP. SEWER LINE	6" SEWER
PROP. WATER LINE	8" WATER
PROP. WATER METERS	WM
PROP. FIRE DEPARTMENT CONNECTIONS	F.D.C.
PROP. MONUMENT SIGN	MS
PROP. HANDICAP PAVEMENT LOGO	HP
PROP. HANDICAP SIGN	HS

OWNER/APPLICANT AJ SQUARED L.L.C. 3018 RIDGE ROAD ROCKWALL, TX 75032 CONTACT: DR. KETAN PAREKH TEL: 469-338-2397	ENGINEER TRIANGLE ENGINEERING LLC 1503 ASTORIA DRIVE ALLEN, TEXAS 75013 CONTACT: KARTAVYA PATEL TEL: 214-609-9271
SURVEYOR A&W SURVEYORS 2220 GUS THOMASSON RD MESQUITE, TX 75150 CONTACT: JOHN TURNER, R.P.L.S. (972) 681-4975	



BOUNDARY LINE CURVE DATA		
CURVE NO.	RADIUS	LENGTH
C1	3874.83'	39.13'
	DELTA	0°34'43"
	CHORD BEARING	S16°37'56"W
	CHORD DISTANCE	39.13'

BOUNDARY LINE DATA		
LINE NO.	BEARING	DISTANCE
L1	N 74°09'28" W	334.28'
L2	N 46°16'17" E	282.04'
L3	S 72°02'12" E	194.40'
L4	S 16°31'13" W	196.97'

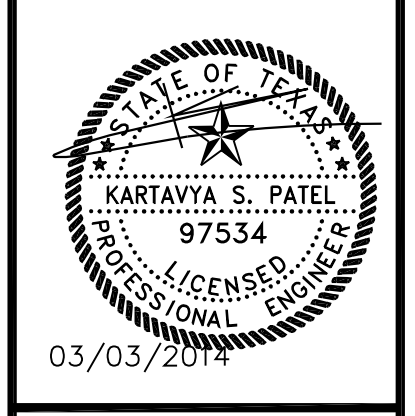
- ### GENERAL NOTES
- ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE STANDARDS OF THE CITY OF ROCKWALL.
 - A PERMIT IS REQUIRED TO CUT A CITY STREET OR WORK WITHIN THE RIGHT-OF-WAY. THE PERMIT IS ISSUED BY THE PUBLIC WORKS DEPARTMENT.
 - THE LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS IS TAKEN FROM PUBLIC RECORDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS WITH THE OWNERS OF SUCH UNDERGROUND UTILITIES PRIOR TO WORKING IN THE AREA TO CONFIRM THEIR EXACT LOCATION AND TO DETERMINE WHETHER ANY ADDITIONAL UTILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL UNDERGROUND UTILITIES. IF EXISTING UNDERGROUND UTILITIES ARE DAMAGED, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPAIRING THE UTILITY.
 - WHERE EXISTING UTILITIES OR SERVICE LINES ARE CUT, BROKEN OR DAMAGED, THE CONTRACTOR SHALL REPLACE OR REPAIR THE UTILITIES OR SERVICE LINES WITH THE SAME TYPE OF ORIGINAL MATERIAL AND CONSTRUCTION, OR BETTER, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS, AT HIS OWN COST AND EXPENSE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AT ONCE OF ANY CONFLICTS IN GRADES AND ALIGNMENT.
 - ALL EXCAVATIONS, TRENCHING AND SHORING OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE U. S. DEPARTMENT OF LABOR, OSHA, "CONST. SAFETY AND HEALTH REGULATIONS.", VOL. 29, SUBPART P, PG. 128 - 137, AND ANY AMENDMENTS THERETO.
 - ADEQUATE MEASURES SHALL BE TAKEN TO PREVENT EROSION. IN THE EVENT THAT SIGNIFICANT EROSION OCCURS AS A RESULT OF CONSTRUCTION THE CONTRACTOR SHALL RESTORE THE ERODED AREA TO ORIGINAL CONDITION OR BETTER.
 - THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY CONSTRUCTION TO ORIGINAL CONDITION OR BETTER. RESTORED AREAS INCLUDE, BUT ARE NOT LIMITED TO TRENCH BACKFILL, SIDE SLOPES, FENCES, CULVERT PIPES, DRAINAGE DITCHES, DRIVEWAYS, PRIVATE YARDS AND ROADWAYS.
 - ANY CHANGES NEEDED AFTER CONSTRUCTION PLANS HAVE BEEN RELEASED, SHALL BE APPROVED BY THE CITY ENGINEER. THESE CHANGES MUST BE RECEIVED IN WRITING FROM THE FROM THE DESIGN ENGINEER. THE DIRECTOR OF PUBLIC WORKS SHALL APPROVE ANY DEVIATIONS FROM STATE REGULATIONS.
 - THE CONTRACTOR SHALL PROVIDE "RED LINED" MARKED PRINTS TO THE ENGINEER PRIOR TO FINAL INSPECTION INDICATING ALL CONSTRUCTION WHICH DEVIATED FROM THE PLANS OR WAS CONSTRUCTED IN ADDITION TO THAT INDICATED ON THE PLANS.

SITE DATA TABLE	
PHYSICAL ADDRESS	TO BE DETERMINE
GROSS SITE AREA	1.463 ACRES OR 63,728 SQ.FT.
NET AREA	1.463 ACRES OR 63,728 SQ.FT.
ZONING	PD-18 (GENERAL RETAIL) W/SCENIC OVERLAY DISTRICT.
CURRENT USE	VACANT
PROPOSED USE	MEDICAL OFFICES
LOT COVERAGE DATA	
BUILDING COVERAGE	19.78% / 12606 SQ.FT.
IMPERVIOUS COVERAGE	49,236 SQ.FT.
PERVIOUS COVERAGE	14,492 SQ.FT.
PARKING SUMMARY	REQUIRED PROVIDED
1 SPACE/200 GFA	63 68
TOTAL PARKING	63 68
BUILDING DATA	
BUILDING	1
PEAK HEIGHT	30'-00"
TOTAL SQUARE FOOTAGE	12,606 SQ.FT.

LEGEND	
UTILITY EASEMENT	U.E.
SANITARY SEWER EASEMENT	S.S.E.
DRAINAGE EASEMENT	D.E.
WATERLINE EASEMENT	W.E.
SEWER CLEAN OUT	SSCO
GAS METER	GM
ELECTRICAL TRANSFORMER	ET
FIRE HYDRANT	FH
SANITARY SEWER MANHOLE	SSMH
STORM SEWER MANHOLE	STM MH
BUILDING SETBACK	B.S.L.
LANDSCAPE SETBACK	L.S.L.
PRESSURE REDUCING VALVE	PRV
PROP. FIRE LANE ACCESS & UTILITY EASEMENT	F.A.U.E.
FIRE DEPARTMENT CONNECTION	F.D.C.
POST INDICATOR VALVE	PIV
PEDESTRIAN ACCESS ESMT.	P.A.E.

TRIANGLE ENGINEERING, L.L.C.
 TX PE FIRM # 11525
 1503 ASTORIA DRIVE, ALLEN, TX 75013
 PHONE: 214-609-9271

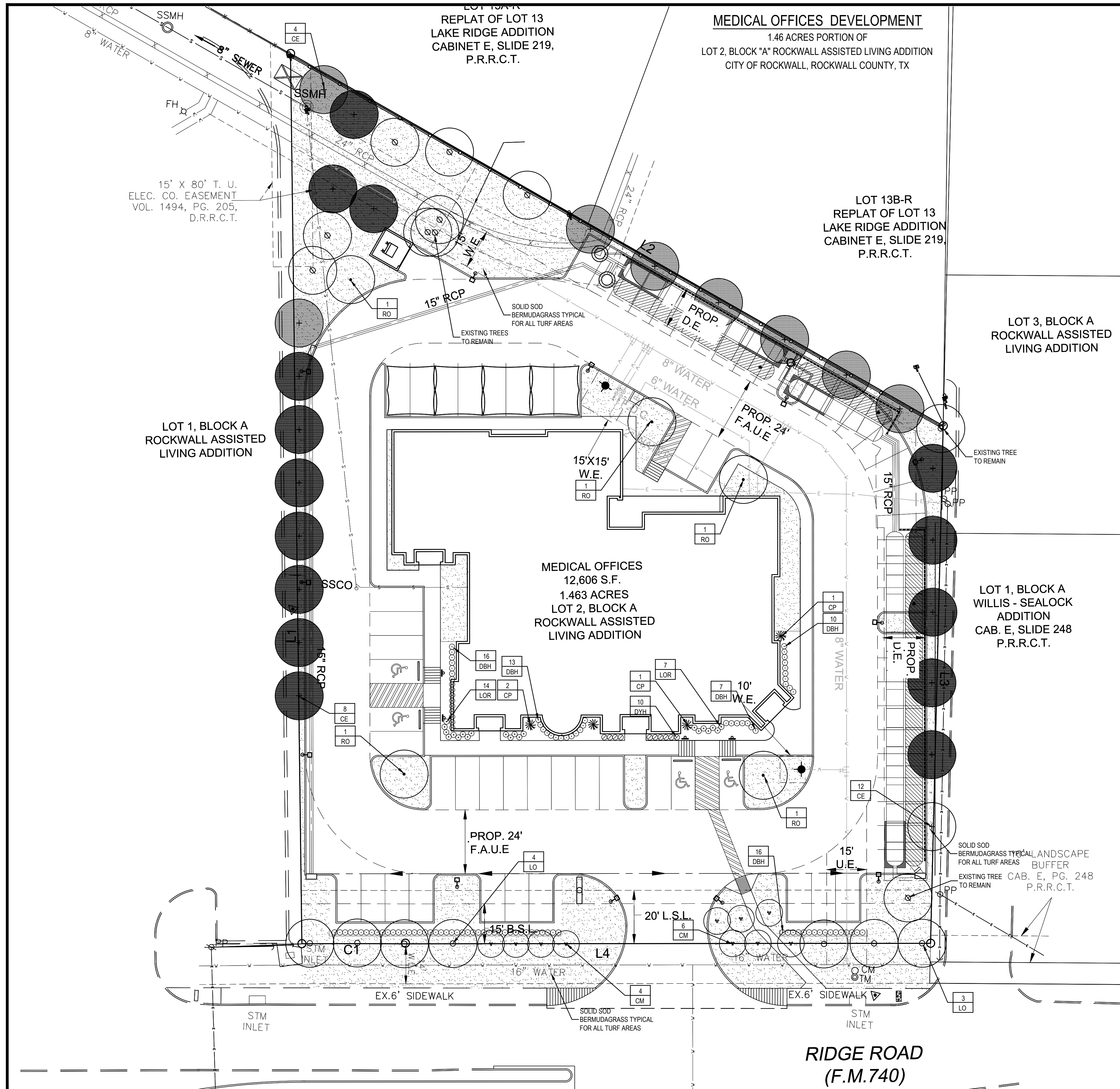
NO.	DATE	DESCRIPTION
1	02/14/2014	1ST SITE PLAN SUBMITTAL
2	03/03/2014	2ND SITE PLAN SUBMITTAL



MEDICAL OFFICE
3018 RIDGE ROAD
ROCKWALL, TEXAS

SHEET #	SITE PLAN	
	PROJECT No: 13-035	DATE: 02/10/2014
REVISION #	DRAWN BY: KP	CHECKED BY: KP
	3	

CASE # SP2014-003



GENERAL LAWN NOTES

1. Fine grade areas to achieve final contours indicated on civil plans.
2. Adjust contours to achieve positive drainage away from buildings. Provide uniform rounding at top and bottom of slopes and other breaks in grade. Correct irregularities and areas where water may stand.
3. All lawn areas to receive solid sod shall be left in a maximum of 1" below final finish grade. Contractor to coordinate operations with on-site Construction Manager.
4. Imported topsoil shall be natural, friable soil from the region, known as bottom and soil, free from lumps, clay, toxic substances, roots, debris, vegetation, stones, containing no salt and black to brown in color.
5. All lawn areas to be fine graded, irrigation trenches completely settled, and finish grade approved by the Owner's Construction Manager or Architect prior to installation.
6. All rocks 3/4" diameter and larger, dirt clods, sticks, concrete spoils, etc. shall be removed prior to placing topsoil and any lawn installation.
7. Contractor shall provide (1") one inch of imported topsoil on all areas to receive lawn.

LANDSCAPE NOTES

1. Contractor shall verify all existing and proposed site elements and notify Architect of any discrepancies. Survey data of existing conditions was supplied by others.
2. Contractor shall locate all existing underground utilities and notify Architect of any conflicts. Contractor shall exercise caution when working in the vicinity of underground utilities.
3. Contractor is responsible for obtaining all required landscape and irrigation permits.
4. Contractor to provide a minimum 2% slope away from all structures.
5. All planting beds and lawn areas to be separated by steel edging. No steel to be installed adjacent to sidewalks or curbs.
6. All landscape areas to be 100% irrigated with an underground automatic irrigation system and shall include rain and freeze sensors.
7. All lawn areas to be Solid Sod Bermudagrass, unless otherwise noted on the drawings.

LANDSCAPE TABULATIONS

SITE REQUIREMENTS (site area 63,650 s.f.)
Requirements: 15% site area to be landscaped

Required	Provided
9548 s.f. (15%)	12,516 s.f. (19%)

FRONT YARD REQUIREMENTS
Requirements: 50% of required landscape must be located in front yard

Required	Provided
4,774 s.f. (50%)	5,023 s.f. (52%)

STREET REQUIREMENTS: SCENIC OVERLAY
Requirements: (3) canopy tree 4" cal. and (4) accent trees, 4" ht. per 100 l.f. of frontage

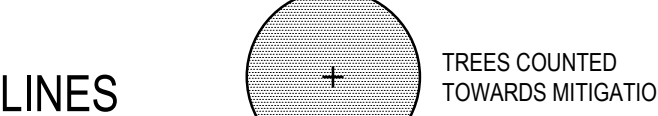
RIDGE ROAD (236 l.f.)

Required	Provided
(7) trees, 4" cal.	(6) trees, 4" cal.
(1) existing tree	(1) existing tree
(10) accent trees, 4" ht.	(10) accent trees, 4" ht.

PARKING LOT (66 spaces: 31,065 s.f.)
Requirements: 5% of total parking lot area and (1) tree, 3" cal. per 10 parking spaces

Required	Provided
(7) trees, 3" cal.	(4) trees, 3" cal.
1,553 s.f. (5%)	1,948 s.f. 6%

ALL TREES TO BE LOCATED 5' FROM WATER, SEWER AND STORM SEWER LINES



PLANT LIST

TREES

QTY.	TYPE	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
24	CE	Cedar Elm	Ulmus crassifolia	5" cal.	container grown, 13" ht., 4" spread min., 4" clear trunk
10	CM	Crape Myrtle	Lagerstroemia indica	6" ht.	container grown, 13" ht., 4" spread min., 4" clear trunk
7	LO	Live Oak	Quercus virginiana	4" cal.	container grown, 14" ht., 5" spread min., 5" clear trunk
5	RO	Red Oak	Quercus shumardii	3" cal.	container grown, 13" ht., 4" spread min., 4" clear trunk

SHRUBS

QTY.	TYPE	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
4	CP	Century Plant	Agave americana	10 gal.	container, 30" spread
62	DBH	Dwarf Burford Holly	Ilex cornuta 'Burfordi nana'	24" ht.	container grown, 24" ht. 24" o.c.
10	DYH	Dwarf Yaupon Holly	Ilex vomitoria 'nana'	3 gal.	container, 20" spread, 24" o.c.
21	LOR	Loropetalum Daruma Rubra	Loropetalum chinensis 'Daruma Rubra'	3 gal.	container, 20" spread, 24" o.c.

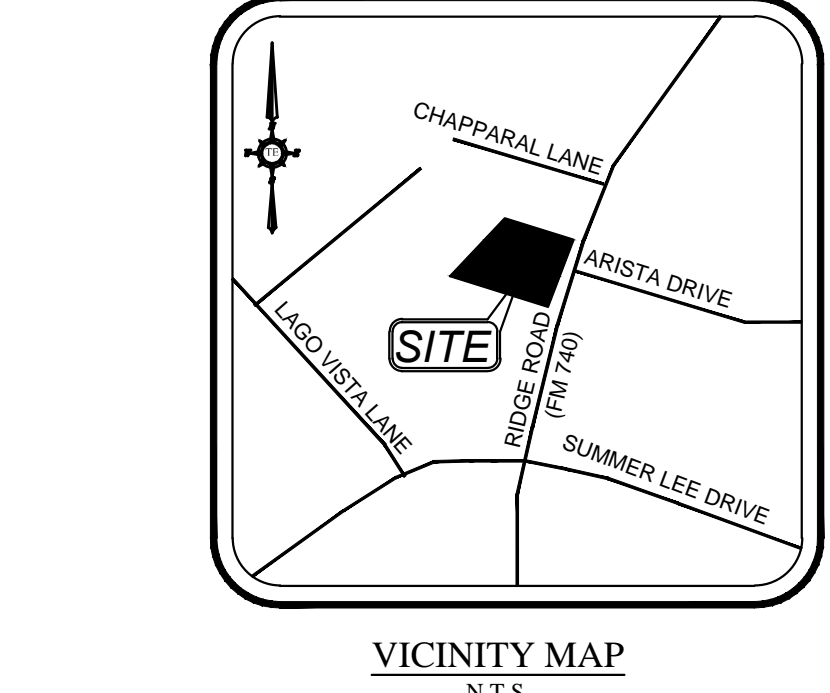
GROUNDCOVERS

QTY.	TYPE	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
		Common Bermudagrass	Cynodon dactylon	solid sod	refer to notes

NOTE: Plant list is an aid to bidders only. Contractor shall verify all quantities on plan. All heights and spreads are minimums. All plant material shall meet or exceed remarks as indicated. All trees to have straight trunks and be matching within varieties.

EASEMENT LEGEND

FAUE- FIRE ACCESS UTILITY EASEMENT
LSL- LANDSCAPE SETBACK LINE
BSL- BUILDING SETBACK LINE
UL- UTILITY EASEMENT



SOLID SOD NOTES

1. Fine grade areas to achieve final contours indicated. Leave areas to receive topsoil 3" below final desired grade in planting areas and 1" below final grade in turf areas.
2. Adjust contours to achieve positive drainage away from buildings. Provide uniform rounding at top and bottom of slopes and other breaks in grade. Correct irregularities and areas where water may stand.
3. All lawn areas to receive solid sod shall be left in a maximum of 1" below final finish grade. Contractor to coordinate operations with on-site Construction Manager.
4. Contractor to coordinate with on-site Construction Manager for availability of existing topsoil.
5. Plant sod by hand to cover indicated area completely. Insure edges of sod area touching. Top dress joints by hand with topsoil to fill voids.
6. Roll grass areas to achieve a smooth, even surface, free from unnatural undulations.
7. Water sod thoroughly as sod operation progresses.
8. Contractor shall maintain all lawn areas until final acceptance. This shall include, but not limited to: mowing, watering, weeding, cultivating, cleaning and replacing dead or bare areas to keep plants in a vigorous, healthy condition.
9. Contractor shall guarantee establishment of an acceptable turf area and shall provide replacement from local supply if necessary.
10. If installation occurs between September 1 and March 1, all sod areas to be over-seeded with Winter Ryegrass, at a rate of (4) pounds per one thousand (1000) square feet.

MAINTENANCE NOTES

1. The Owner, tenant and their agent, if any, shall be jointly and severally responsible for the maintenance of all landscape.
2. All landscape shall be maintained in a neat and orderly manner at all times. This shall include mowing, edging, pruning, fertilizing, watering, weeding and other such activities common to landscape maintenance.
3. All landscape areas shall be kept free of trash, litter, weeds and other such material or plants not part of this plan.
4. All plant material shall be maintained in a healthy and growing condition as is appropriate for the season of the year.
5. All plant material which dies shall be replaced with plant material of equal or better value.
6. Contractor shall provide separate bid proposal for one year's maintenance to begin after final acceptance.

TRIANGLE ENGINEERING, LLC.
TX PE FIRM # 11525
1503 ASTORIA DRIVE, ALLEN, TX 75013
PHONE: 214-609-9271

1708 N. Collin Street, Dallas, Texas 75202
Tel 214-871-0283
Fax 214-871-0549
Email sm@smr-la.com

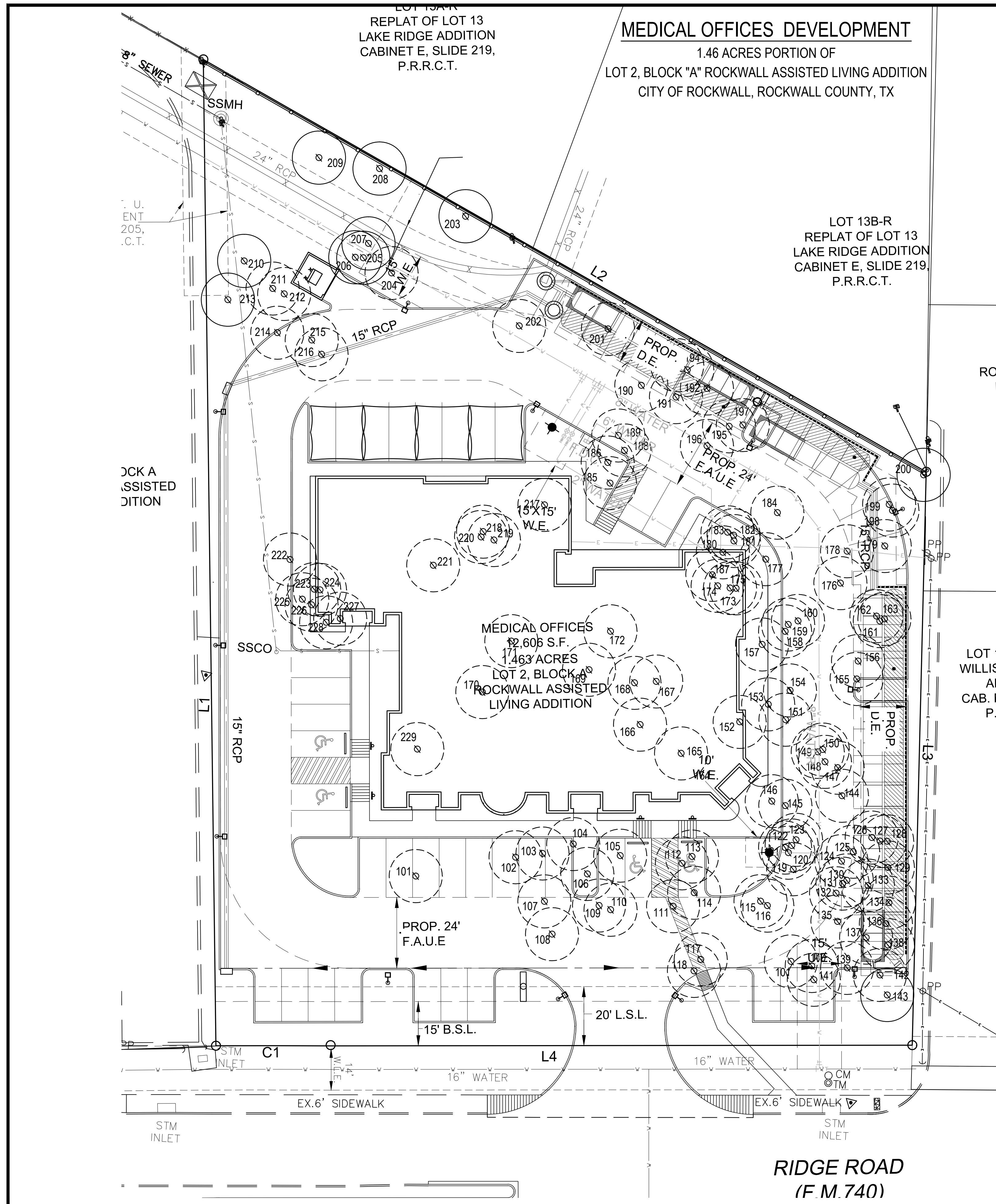
LANDSCAPE PLAN
PROJECT No: 13-035
DATE: 02/10/2014
DRAWN BY: CT
CHECKED BY: CT

MEDICAL OFFICE
3018 RIDGE ROAD
ROCKWALL, TEXAS

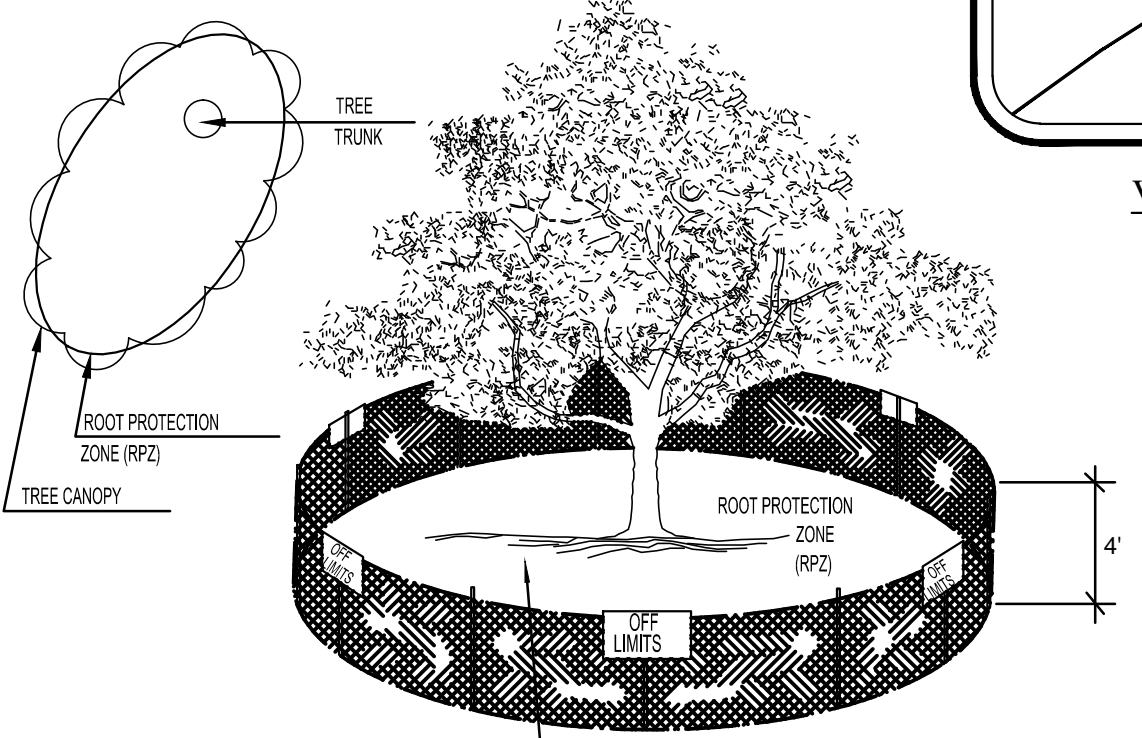
SHEET # **L2**

01 LANDSCAPE PLAN
SCALE: 1" = 20'-0"

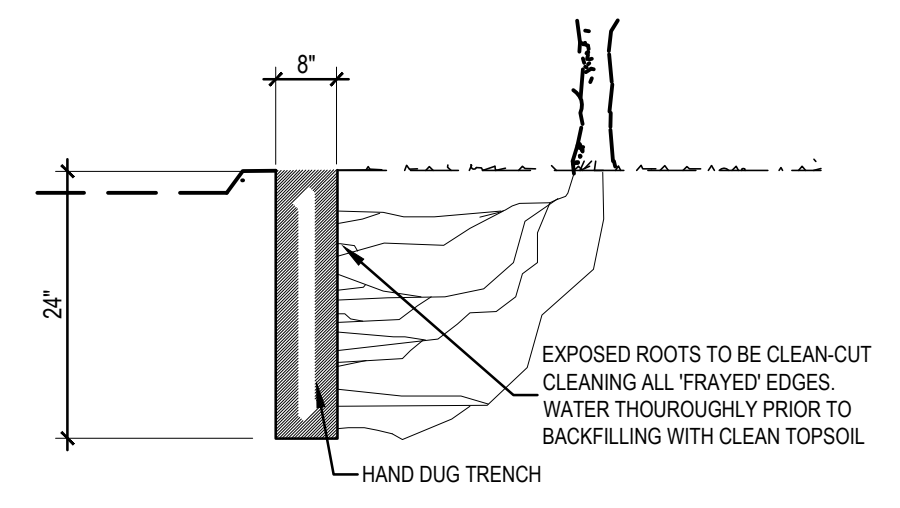




- ### EXISTING TREE NOTES
- Existing trees to remain shall be protected during construction from tree structure damage and compaction of soil under and around dripline (canopy) of tree.
 - If any root structure is damaged during adjacent excavation/construction, notify the Architect immediately. It is recommended that a licensed Arborist be secured for the treatment of any possible tree wounds.
 - No disturbance of the soil greater than 4" shall be located closer to the tree trunk than 1/2 the distance of the drip line to the tree trunk. A minimum of 75% of the drip line and root zone shall be preserved at natural grade.
 - Any fine grading done within the critical root zones of the protected trees must be done with light machinery such as a bobcat or light tractor. No earth moving equipment with tracks is allowed within the critical root zone of the trees.
 - Material Storage: No materials intended for use in construction or waste materials accumulated due to excavation or demolition shall be placed within the limits of the dripline of any tree.
 - Equipment Cleaning/Liquid Disposal: No equipment may be cleaned, toxic solutions, or other liquid chemicals shall be deposited within the limits of the dripline of a tree. This would include but not be limited to paint, oil, solvents, asphalt, concrete, mortar, primers, etc.
 - Tree Attachments: No signs, wires or other attachments, other than those of a protective nature shall be attached to any tree.
 - Boring of Utilities: May be permitted under protected trees in certain circumstances. The minimum length of the bore shall be the width of the tree's canopy and shall be a minimum depth of forty-eight (48") inches.
 - Trenching: Any irrigation trenching which must be done within the critical root zone of a tree shall be dug by hand and enter the area in a radial manner.
 - Tree Flagging: All trees to be removed from the site shall be flagged by the Contractor with bright red vinyl tape (3" width) wrapped around the main trunk at a height of four (4) feet above grade. Flagging shall be approved by Landscape Architect prior to any tree removal. Contractor shall contact Landscape Architect with 72 hour notice to schedule on-site meeting.
 - Protective Fencing: All trees to remain, as noted on drawings, shall have protective fencing located at the tree's dripline. The protective fencing may be comprised of snow fencing, orange vinyl construction fencing, chain link fence or other similar fencing with a four (4) foot approximate height. The protective fencing will be located as indicated on the Tree Protection Detail(s).
 - Bark Protection: In situations where a tree remains in the immediate area of intended construction, the tree shall be protected by enclosing the entire circumference of the tree's trunk with lumber encircled with wire or other means that does not damage the tree. Refer to Tree Protection Detail(s).
 - Construction Pruning: In a case where a low hanging limb is broken during the course of construction, the Contractor shall notify the Landscape Architect immediately. In no instance shall the Contractor prune any portion of the damaged tree without the prior approval by the Landscape Architect.

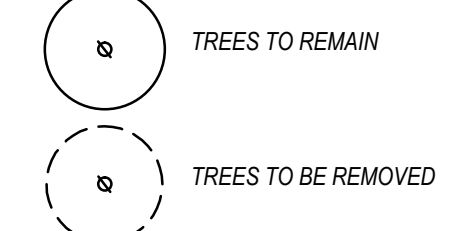


01 TREE PROTECTION FENCE A
NOT TO SCALE



02 ROOT PRUNING DETAIL
N.T.S.

EXISTING TREE LEGEND

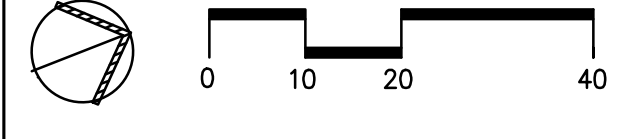


TREE SURVEY FIELD DATA

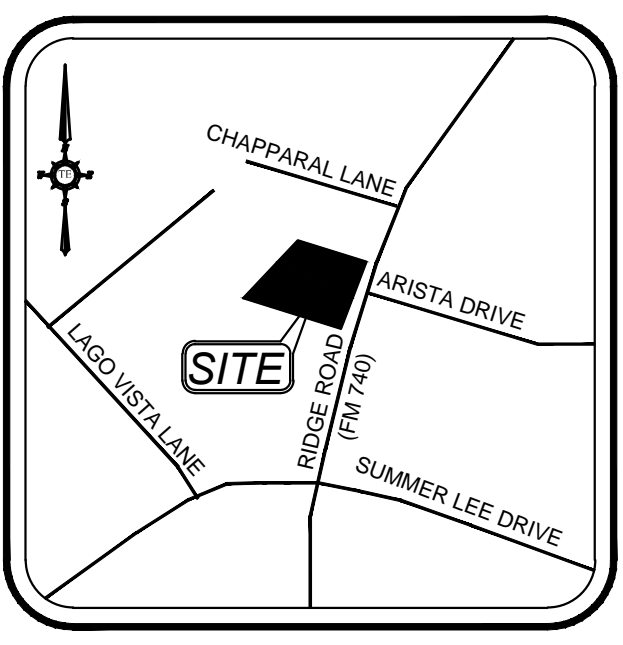
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101	9	CEDAR ELM	TO BE REMOVED	151	10	*CEDAR	TO BE REMOVED	201	10	*CEDAR	TO BE REMOVED
102	15	CEDAR ELM	TO BE REMOVED	152	14	*HACKBERRY	TO BE REMOVED	202	36	CEDAR	TO BE REMOVED
103	12	CEDAR ELM	TO BE REMOVED	153	5	*CEDAR	TO BE REMOVED	203	6	CEDAR	TO REMAIN
104	8	*HACKBERRY	TO BE REMOVED	154	10	*CEDAR	TO BE REMOVED	204	15	ASH	TO BE REMOVED
105	10	*HACKBERRY	TO BE REMOVED	155	7	*HACKBERRY	TO BE REMOVED	205	24	CEDAR	TO REMAIN
106	36	HACKBERRY	TO BE REMOVED	156	29	CEDAR ELM	TO BE REMOVED	206	8	*CEDAR	TO REMAIN
107	6	CEDAR ELM	TO BE REMOVED	157	12	HACKBERRY	TO BE REMOVED	207	6	*CEDAR	TO REMAIN
108	9	*HACKBERRY	TO BE REMOVED	158	5	CEDAR	TO BE REMOVED	208	12	ASH	TO REMAIN
109	5	*HACKBERRY	TO BE REMOVED	159	12	CEDAR	TO BE REMOVED	209	12	CEDAR	TO REMAIN
110	5	CEDAR ELM	TO BE REMOVED	160	8	*CEDAR	TO BE REMOVED	210	9	*CEDAR	TO REMAIN
111	11	ASH	TO BE REMOVED	161	10	*CEDAR	TO BE REMOVED	211	20	*COTTONWOOD	TO BE REMOVED
112	13	ASH	TO BE REMOVED	162	8	*CEDAR	TO BE REMOVED	212	12	*COTTONWOOD	TO BE REMOVED
113	8	*HACKBERRY	TO BE REMOVED	163	8	*CEDAR	TO BE REMOVED	213	12	CEDAR	TO REMAIN
114	8	*HACKBERRY	TO BE REMOVED	164	11	CEDAR	TO BE REMOVED	214	16	CEDAR	TO BE REMOVED
115	9	CEDAR ELM	TO BE REMOVED	165	12	CEDAR	TO BE REMOVED	215	15	CEDAR	TO BE REMOVED
116	8	CEDAR ELM	TO BE REMOVED	166	13	CEDAR	TO BE REMOVED	216	8	CEDAR ELM	TO BE REMOVED
117	8	*HACKBERRY	TO BE REMOVED	167	20	HACKBERRY	TO BE REMOVED	217	10	*HACKBERRY	TO BE REMOVED
118	4	*HACKBERRY	TO BE REMOVED	168	11	CEDAR	TO BE REMOVED	218	6	CEDAR ELM	TO BE REMOVED
119	9	CEDAR ELM	TO BE REMOVED	169	7	CEDAR ELM	TO BE REMOVED	219	10	CEDAR ELM	TO BE REMOVED
120	6	*HACKBERRY	TO BE REMOVED	170	14	CEDAR	TO BE REMOVED	220	4	CEDAR ELM	TO BE REMOVED
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123	11	CEDAR ELM	TO BE REMOVED	173	4	*CEDAR	TO BE REMOVED	223	5	CEDAR ELM	TO BE REMOVED
124	4	*HACKBERRY	TO BE REMOVED	174	6	*HACKBERRY	TO BE REMOVED	224	12	CEDAR ELM	TO BE REMOVED
125	10	*HACKBERRY	TO BE REMOVED	175	6	*CEDAR	TO BE REMOVED	225	12	ASH	TO BE REMOVED
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134	10	*HACKBERRY	TO BE REMOVED	184	12	CEDAR	TO BE REMOVED				
135	6	CEDAR ELM	TO BE REMOVED	185	36	CEDAR ELM	TO BE REMOVED				
136	10	*HACKBERRY	TO BE REMOVED	186	4	*CEDAR	TO BE REMOVED				
137	7	*HACKBERRY	TO BE REMOVED	187	11	CEDAR ELM	TO BE REMOVED				
138	6	*HACKBERRY	TO BE REMOVED	188	8	*CEDAR	TO BE REMOVED				
139	13	CEDAR ELM	TO BE REMOVED	189	12	CEDAR	TO BE REMOVED				
140	5	CEDAR ELM	TO BE REMOVED	190	7	CEDAR ELM	TO BE REMOVED				
141	10	CEDAR ELM	TO BE REMOVED	191	10	ASH	TO BE REMOVED				
142	5	CEDAR ELM	TO BE REMOVED	192	14	HACKBERRY	TO BE REMOVED				
143	11	CEDAR ELM	TO REMAIN	193	9	ASH	TO BE REMOVED				
144	10	*HACKBERRY	TO BE REMOVED	194	7	ASH	TO BE REMOVED				
145	10	*HACKBERRY	TO BE REMOVED	195	15	CEDAR ELM	TO BE REMOVED				
146	12	CEDAR	TO BE REMOVED	196	9	*CEDAR	TO BE REMOVED				
147	6	*HACKBERRY	TO BE REMOVED	197	10	CEDAR ELM	TO BE REMOVED				
148	5	*CEDAR	TO BE REMOVED	198	8	CEDAR ELM	TO BE REMOVED				
149	4	*CEDAR	TO BE REMOVED	199	8	CEDAR ELM	TO BE REMOVED				
150	5	*CEDAR	TO BE REMOVED	200	4	CEDAR ELM	TO REMAIN				

* UNPROTECTED TREES
PROTECTED TREES
TOTAL CALIPER INCHES REMOVED: 1254"
TOTAL MITIGATION: 682"
TREES TO BE PLANTED FOR MITIGATION: 115"
MITIGATION BALANCE DUE: 567"

01 EXISTING TREE PLAN
SCALE: 1" = 20'-0"

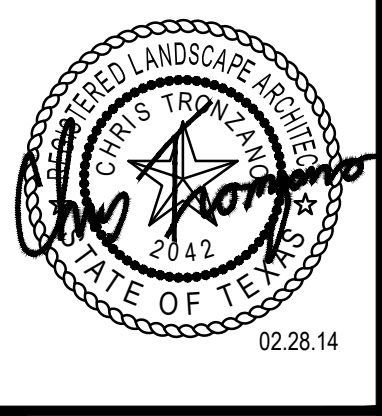


smr
landscape architects, inc.
1708 W. Griffin Street
Dallas, Texas 75202
Tel 214.871.0283
Fax 214.871.0549
Email smr@smr-la.com



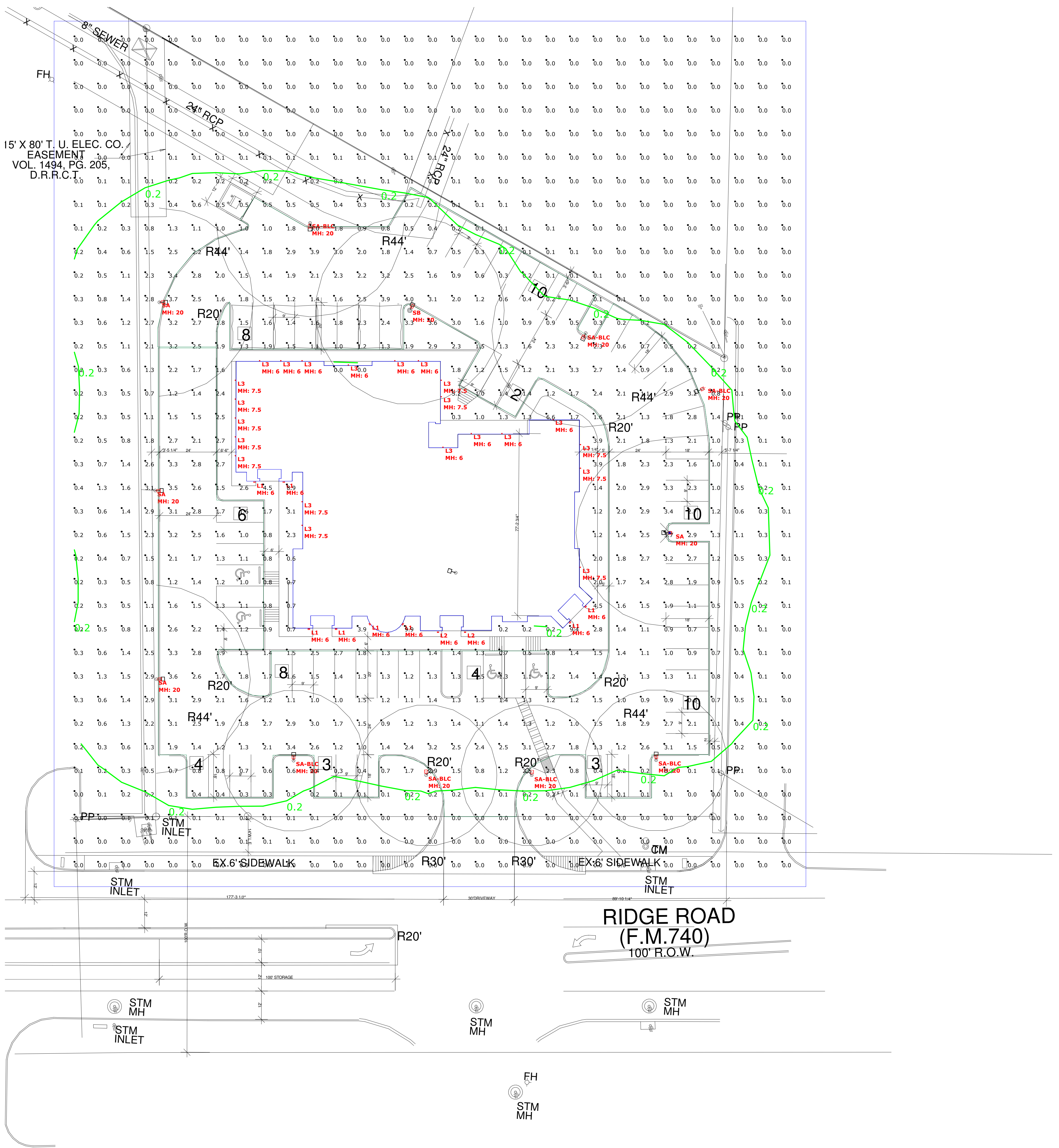
TRIANGLE ENGINEERING, LLC.
TX PE FIRM # 11525
1503 ASTORIA DRIVE, ALLEN, TX 75013
PHONE: 214-609-9271

NO.	DATE	DESCRIPTION
1	02/14/2014	1ST SITE PLAN SUBMITTAL
2	02/28/2014	2nd SITE PLAN SUBMITTAL



MEDICAL OFFICE
3018 RIDGE ROAD
ROCKWALL, TEXAS

EXISTING TREE PLAN	
PROJECT No:	13-035
DATE:	02/10/2014
DRAWN BY:	CT
CHECKED BY:	CT
SHEET #	L.1
REVISION #	



PROJECT NAME: ROCKWALL MEDICAL BUILDING
 SALESMAN ASSIGNED: JOE BARNES
 FILE NAME: ROCKWALL MEDICAL BUILDING_140303_V3.AGI

- NOTES:
 1. REFLECTANCES USED: GRADE 10%, ALL OTHER OBJECTS 40%
 2. MOUNTING HEIGHTS: AS SHOWN
 3. CALCULATION VALUES SHOWN AT GRADE.
 4. IES DESCRIPTIONS DO NOT NECESSARILY REFLECT SPECIFICATION MODEL NUMBERS.
 CONTACT SALESPERSON FOR VERIFICATION.
 5. OSRAM / SYLVANIA LAMP DATA USED UNLESS OTHERWISE NOTED



Architectural Lighting Associates

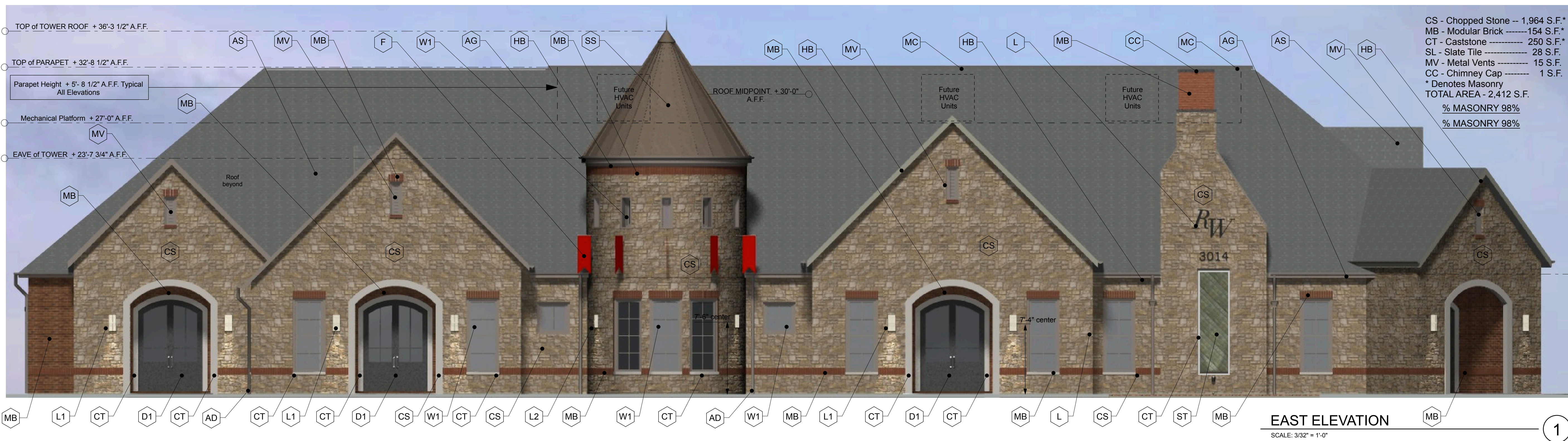
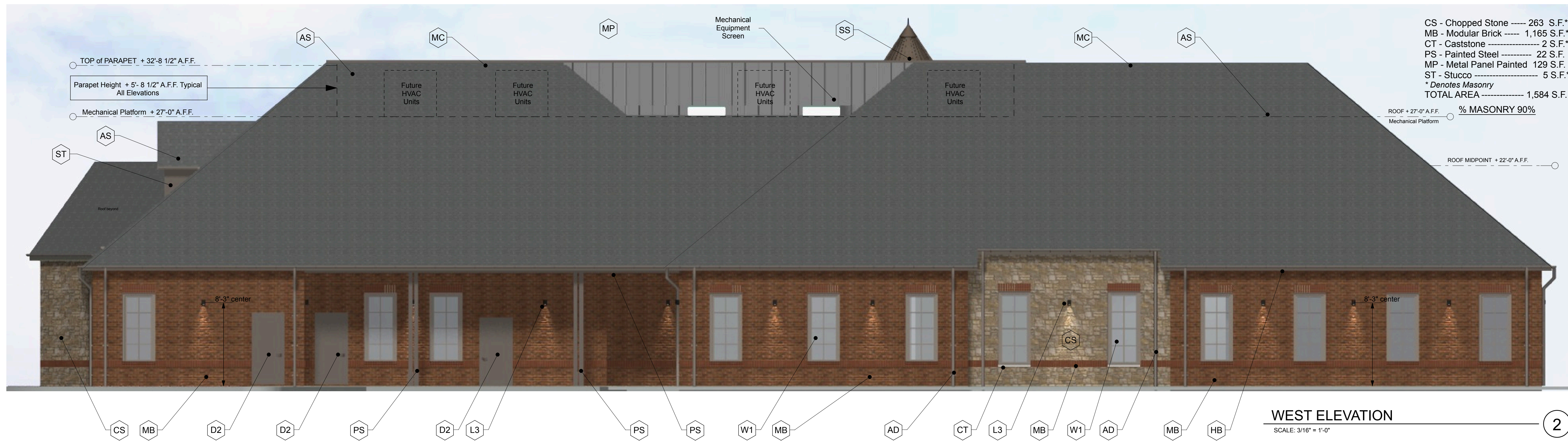
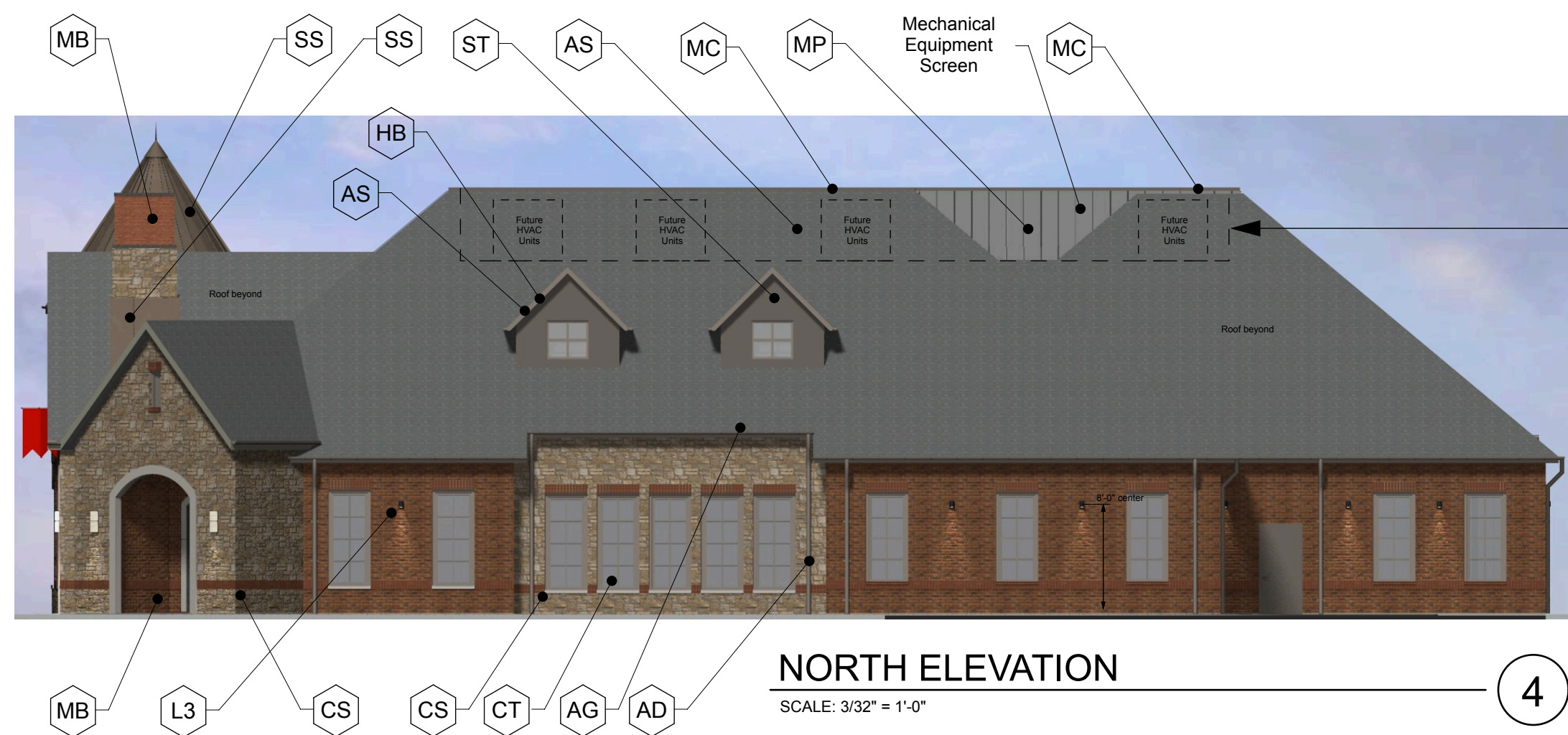
101 Turtle Creek Boulevard
 Dallas, Texas 75207
 Tel 214.658.9000
 Fax 214.658.9002
 www.ala-inc.net

StatArea-Parking Lot

Illuminance (Fc)
 Average = 1.64
 Maximum = 4.0
 Minimum = 0.0
 Avg/Min Ratio = 0.00
 Max/Min Ratio = 0.00

Luminaire Schedule

Symbol	Label	Qty	Arrangement	Lum. Watts	Total Lamp Lumens	Description	LLD	LDD	BF	LLF
□	L1	8	SINGLE	150	2380	VISA OW1046-LW900-BMAT	0.950	0.900	1.000	0.855
□	L2	2	SINGLE	80	1010	VISA OW1044-LW900-BMAT	0.950	0.900	1.000	0.855
○	L3	22	SINGLE	14.65	N.A.	BEGA 3542LED	0.950	0.900	1.000	0.855
□	SA	4	SINGLE	208	19000	GARDCO G18-1-4XL-250PSMH_SYLVANIA_M250/PS/U	0.700	0.900	1.000	0.630
□	SA-BLC	7	SINGLE	208	19000	GARDCO G18-1-BLC-250PSMH_SYLVANIA_M250/PS/U	0.700	0.900	1.000	0.630
□	SB	1	SINGLE	291	19000	GARDCO G18-1-1-250PSMH_SYLVANIA_M250/PS/U	0.700	0.900	1.000	0.630



20% Stone of 90% Masonry Requirement

CS - Chopped Stone ----- 2,876 S.F.
 Total Area of Masonry ----- 5,935 S.F.
 2,856 / 5,935 = 48 % Stone
Exceeds 20% Requirement

Exterior Material Legend	
Masonry	
CS	Chop Stone - Custom blend Golden Lueders - 6" 8" & 10" Mix
MB	Modular Brick General Shale - Old Chicago
CT	Caststone 75 White / 25 Brown
SL	Slate Tile Natural Selections - Dark Sage Blend
ST	Stucco Finish Color to Match P-2 SW-7024 Functional Gray
Exposed Steel	
PS	Painted Steel Beam Or Column Paint P-2
Roofing	
AS	Asphalt Shingles Elk - Camelot Antique
SS	Standing Seam Metal Roof Berridge - Champagne
MC	Metal Cap - Pre-finished Aluminum Dark Gray
MP	Metal Panel - Mechanical Equipment Screen Painted P-1
AG	Aluminum Gutters - Pre-finished Dark Gray
AD	Aluminum Downspouts - Pre-finished Dark Gray
HB	Hardie Board Painted Trim Paint P-1
MV	Decorative Metal Vent Paint P-2
CC	Metal Cap - Pre-finished Aluminum (Fake Chimney) Dark Gray
Doors and Windows	
D1	Decorative Iron Door - Painted P-1 w/ Divided Lite Glass Insert
D2	Hollow Metal Door Painted Finish P-2
W1	Vinyl Clad Aluminum Windows - Tinted Solar Gray Glass - Low e
Lighting	
L1	Decorative Wall Sconce Refer Cut Sheets
L2	Decorative Wall Sconce Refer Cut Sheets
L3	Wall Sconce - Down Light Refer Cut Sheets
Decorative Elements	
F	Flags Painted Metal to Resemble Flags
L	Building Logo / Street Address Painted Metal or Anodized Letters Color: Black or Dark Bronze

Triangle Engineering LLC - Kevin Patel, P.E., CFM Principal
 TBPE Firm No. 11525,
 1503 Astoria Drive, Allen TX. 75013 Ph. 214 609-9271
 E-mail: kpatel@triangle-engr.com
 AJ Squared L.L.C. Dr. Ketan Parekh - Owner
 Ph. 469-338-6894
 271 Rabbit Ridge Heath, TX. 75032
 Project: Rockwall Medical / Office Building
 Project Location: 1.46 Acres Portion of
 Lot 2, Block "A" Rockwall Assisted Living Addition
 City of Rockwall, Rockwall County Texas
 Project Case Number

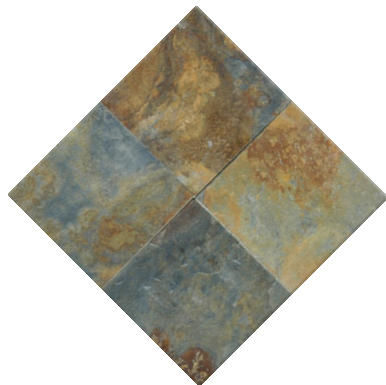




W1 - Window Trim
Desert Sand



L - Logo
SW-6992 Inkwell



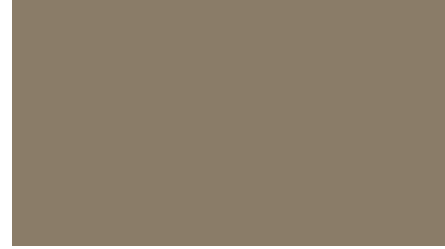
ST - Slate Tile
Dark Sage Blend

Paint P-1



HB - Hardie Board Fascia Trim
D1 Iron Doors
SW 7019 Gauntlet Gray

Paint P-2



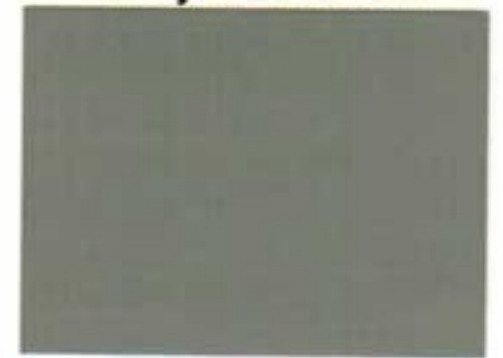
ST - Stucco 3 Coat
D2- Hollow Metal Doors
SW 7024 Functional Gray



SS - Standing Seam Roof
Berridge - Champagne



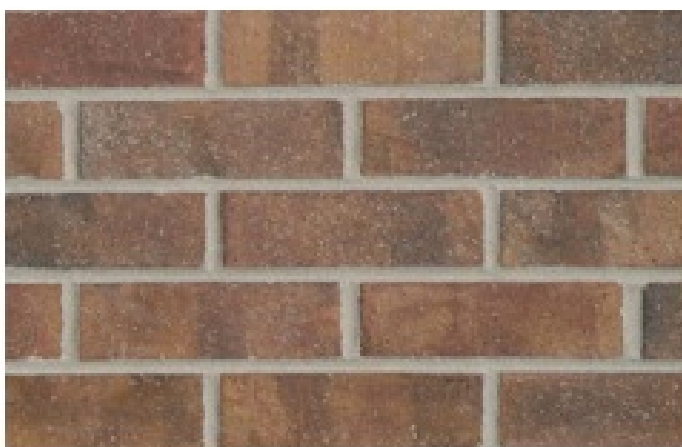
AS - Asphalt Shingles
Elk - Camelot Antique



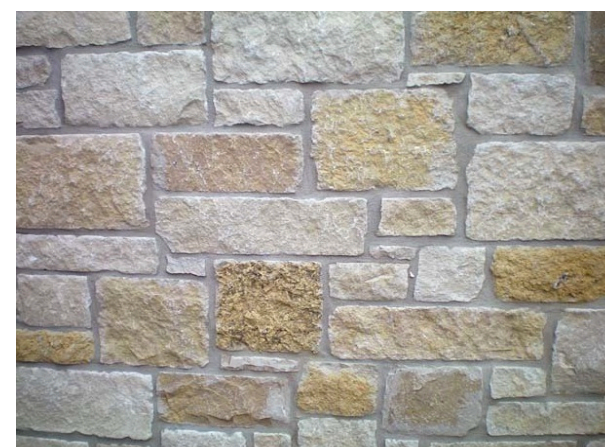
AG - Aluminum Gutters
AD - Aluminum Downspout
MC - Metal Parapet Cap
CC - Chimney Cap
Color: Dark Gray



CT - Caststone
Light Gray



MB - Modular Brick
Old Chicago



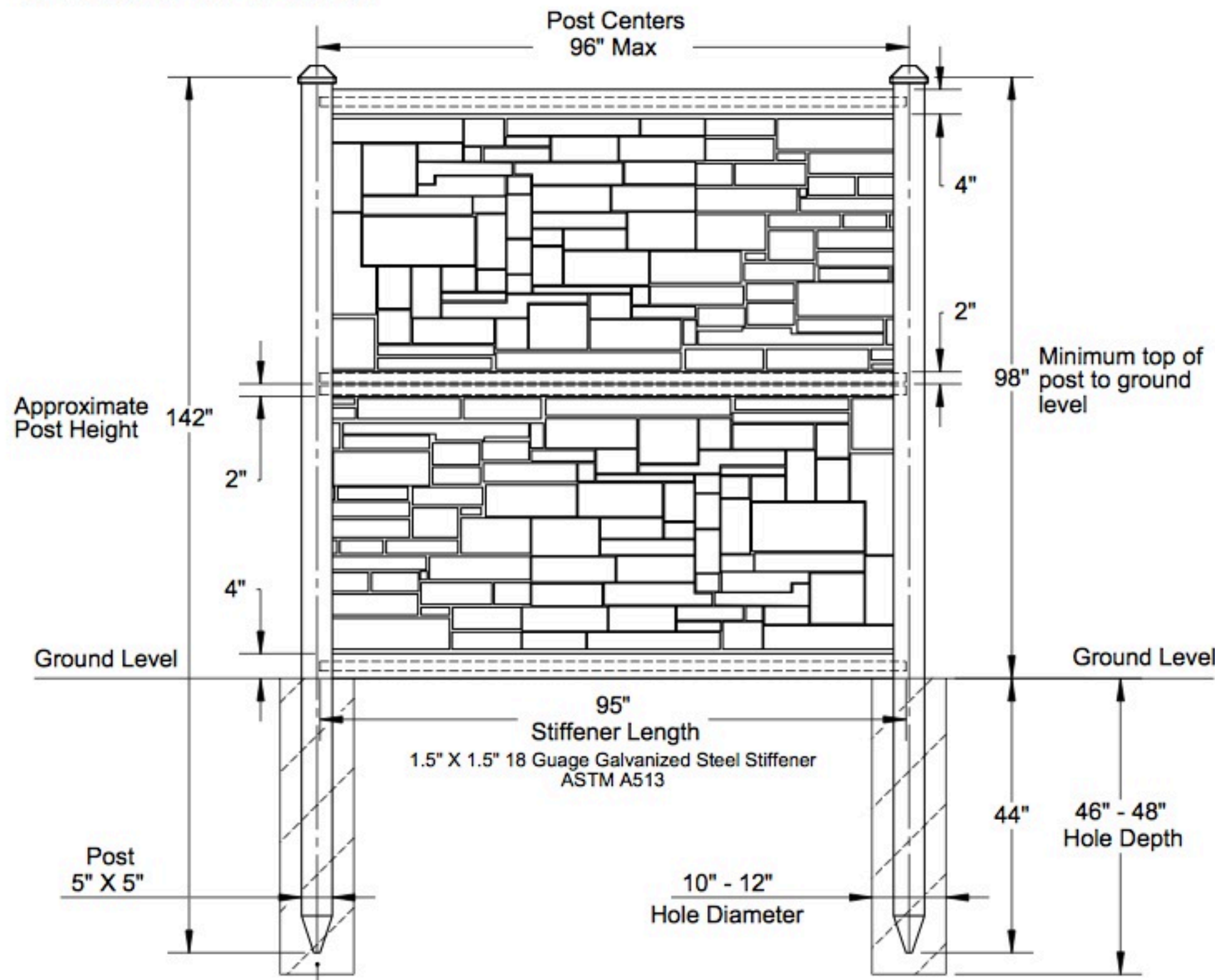
CS - Chopped Stone
Lueders Custom Blend



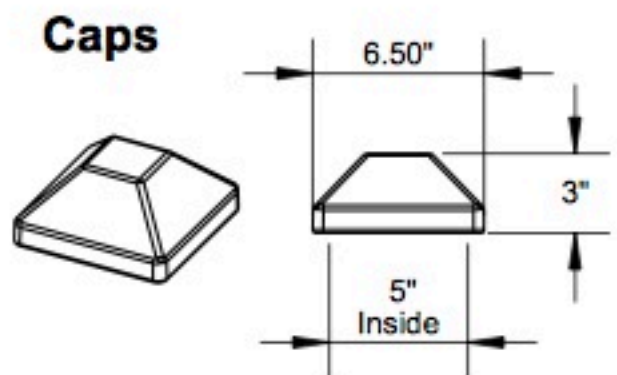
F - Decorative Flag
SW 6880 Energetic Orange

Triangle Engineering LLC - Kevin Patel, P.E., CFM Principal
TBPE Firm No. 11525,
1503 Astoria Drive, Allen TX. 75013 Ph. 214 609-9271
E-mail: kpatel@triangle-engr.com
AJ Squared L.L.C. Dr. Ketan Parekh - Owner
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271 Rabbit Ridge Heath, TX. 75032
Project: Rockwall Medical / Office Building
Project Location: 1.46 Acres Portion of
Lot 2, Block "A" Rockwall Assisted Living Addition
City of Rockwall, Rockwall County Texas
Project Case Number _____

8'H X 8'W Panel

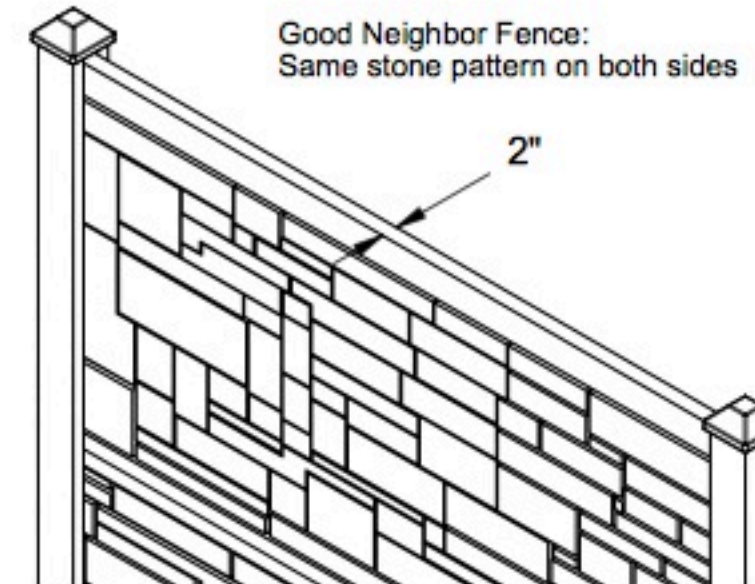


Concrete footing diameter 10" to 12" min and 46" to 48" deep min in accordance with local conditions, codes, and standard building practices.



Two stacked 4'X8' panels

- Actual Panel Dimensions: 48"H X 94.25"W
- Panel Weight: 60 lbs
- Tolerances are: ±.5"



Model #: FP96X96

This drawing may not be altered or reproduced without the permission of SimTek Fence

Date: Oct 15, 2013

Scale: not to scale

REV: D Barlocker

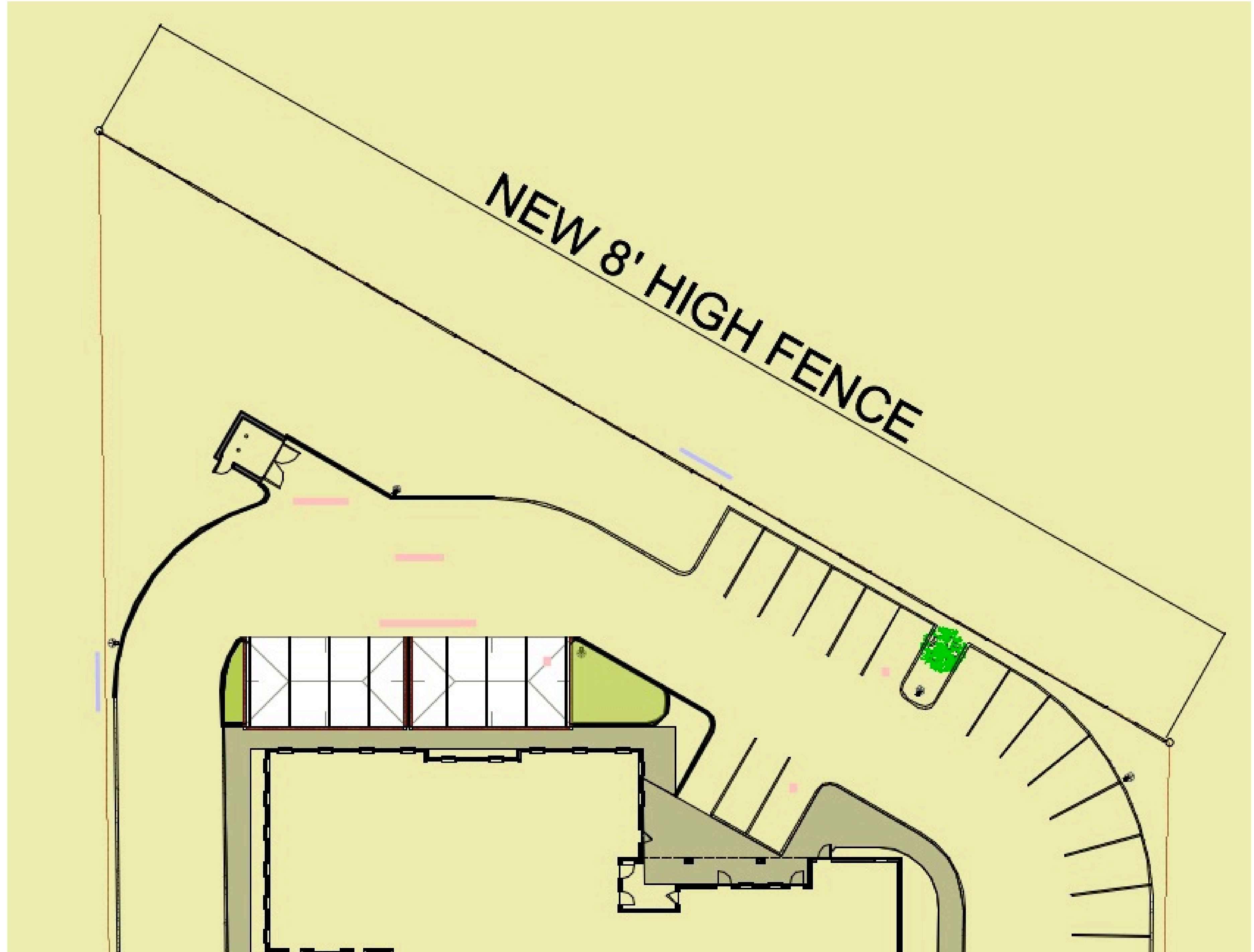
Sheet 1 of 1

U.S. Patents: 7,478,797 / 7,635,114 Foreign Patents Pending



SimTek
FENCE

www.simtekfence.com



- Patented Construction
- Superior Wind Rating
- Excellent Sound Barrier
- Durable in Any Temperature

- Fade Resistant
- Graffiti Resistant
- Easy Installation
- Solid Privacy and Security

- Eco-Friendly
- Maintenance Free
- Superior Warranty*
- Made in the USA



COLOR: BROWN GRANITE

Triangle Engineering LLC - Kevin Patel, P.E., CFM Principal
TBPE Firm No. 11525
1503 Astoria Drive, Allen TX. 75013 Ph. 214 609-9271
E-mail: kpatel@triangle-engr.com
AJ Squared L.L.C. Dr. Ketan Parekh - Owner
Ph. 469-338-6894
271 Rabbit Ridge Heath, TX. 75032
Project: Rockwall Medical / Office Building
Project Location: 1.46 Acres Portion of
Lot 2, Block "A" Rockwall Assisted Living Addition
City of Rockwall, Rockwall County Texas
Project Case Number # SP2014-003

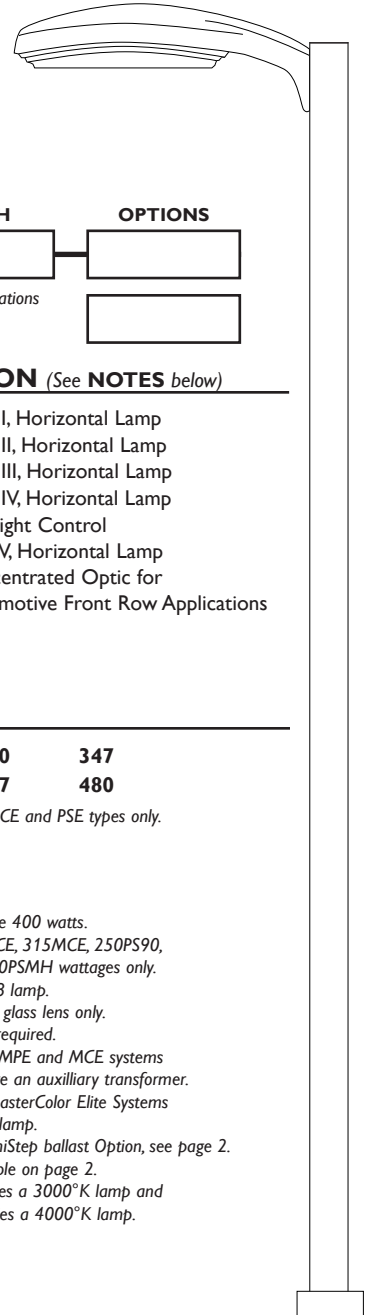
Job:
Type:
Notes:

Featuring CosmoPolis and MasterColor Elite Electronic HID Systems

Gullwing

G18 Area Luminaires

The Philips Gardco Gullwing is an area luminaire defined by its sleek profile and rugged construction. The housing is one-piece, die cast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The multifaceted arc-image duplicating optical systems provide IES Types I, II, III, IV and V distributions. The door frame is single-piece diecast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. Gullwing luminaires are finished with a fade and abrasion resistant TGIC powdercoat. Flat glass lens luminaires provide full cutoff performance. Sag Lens luminaires provide cutoff performance.



PREFIX	MOUNTING	DISTRIBUTION	WATTAGE	VOLTAGE	FINISH	OPTIONS
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

PREFIX	MOUNTING	DISTRIBUTION (See NOTES below)
G18 18" Gullwing Luminaire	1 Single Pole Mount 2 Twin Pole Mount at 180° 2@90 Twin Pole Mount at 90° 3 3-way Pole Mount at 90° 3@120° 3-way Pole Mount at 120° 4 4-way Pole Mount W Wall Mount, Recessed J-Box WS Wall Mount, Surface Conduit	1¹ Type I, Horizontal Lamp 2XL Type II, Horizontal Lamp 3XL Type III, Horizontal Lamp 4XL Type IV, Horizontal Lamp BLC¹ Backlight Control Q¹ Type V, Horizontal Lamp AF² Concentrated Optic for Automotive Front Row Applications

WATTAGE															
<table border="1"> <tr> <td>Pulse Start MH Magnetic Ballast</td> <td>100MH³</td> <td>250PSMH [ⓔ]</td> <td>350PSMH³ [ⓔ]</td> <td>875PSMH⁴</td> </tr> <tr> <td></td> <td>150MH³</td> <td>250PS90** [ⓔ]</td> <td>400PSMH³ [ⓔ]</td> <td></td> </tr> <tr> <td></td> <td>175PSMH [ⓔ]</td> <td>320PSMH³ [ⓔ]</td> <td>750PSMH⁴</td> <td></td> </tr> </table>	Pulse Start MH Magnetic Ballast	100MH³	250PSMH [ⓔ]	350PSMH³ [ⓔ]	875PSMH⁴		150MH³	250PS90** [ⓔ]	400PSMH³ [ⓔ]			175PSMH [ⓔ]	320PSMH³ [ⓔ]	750PSMH⁴	
Pulse Start MH Magnetic Ballast	100MH³	250PSMH [ⓔ]	350PSMH³ [ⓔ]	875PSMH⁴											
	150MH³	250PS90** [ⓔ]	400PSMH³ [ⓔ]												
	175PSMH [ⓔ]	320PSMH³ [ⓔ]	750PSMH⁴												
Standard MH Magnetic Ballast	175MH³	250MH³	400MH³ ³												
CosmoPolis Electronic System (See Notes 6,7,8,9)	60CMPE	90CMPE 140CMPE													
MasterColor Elite Electronic System (See Notes 6,7,9,10)	210MCE-3K [ⓔ]	315MCE-3K [ⓔ]													
	210MCE-4K [ⓔ]	315MCE-4K [ⓔ]													
Pulse Start MH Electronic Ballast (See Note 9)	150PSE⁵ [ⓔ]	175PSE [ⓔ]	250PSE [ⓔ]	320PSE³ [ⓔ]											
High Pressure Sodium Magnetic Ballast	70HPS	150HPS	400HPS	750HPS⁴											
	100HPS	250HPS	600HPS												
Low Pressure Sodium Magnetic Ballast	35LPS														

* 175MH, 250MH and 400MH not available for sale in the United States.
 ** 250PS90 includes a 90% efficient magnetic PSMH ballast, meeting the requirements of California Title 20, effective 1/1/2010.

[ⓔ] Wattages marked with Circle "E" meet federal energy efficiency standards applicable to 150 watt through 500 watt metal halide luminaires only.

VOLTAGE		
120	240	347
208	277	480
200-277 CMPE, MCE and PSE types only.		

- NOTES:**
1. Not available above 400 watts.
 2. Available in 210MCE, 315MCE, 250PS90, 250PSMH and 400PSMH wattages only.
 3. Requires E28/BT28 lamp.
 4. Furnished with sag glass lens only.
 5. Mogul base lamp required.
 6. 347V and 480V CMPE and MCE systems include and require an auxiliary transformer.
 7. CosmoPolis and MasterColor Elite Systems are supplied with lamp.
 8. Available with LumiStep ballast Option, see page 2.
 9. See QS / Q924 Table on page 2.
 10. "-3K" suffix specifies a 3000°K lamp and "-4K" suffix specifies a 4000°K lamp.

1611 Clovis Barker Road, San Marcos, TX 78666
 (800) 227-0758 (512) 753-1000 FAX: (512) 753-7855 sitelighting.com

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79115-85/0612

PHILIPS



FINISH

BRP	Bronze Paint
BLP	Black Paint
WP	White Paint
NP	Natural Aluminum Paint
OC	Optional Color Paint Specify <i>Optional Color</i> or RAL ex: <i>OC-LGP</i> or <i>OC-RAL7024</i> .
SC	Special Paint Specify. <i>Must supply color chip.</i>

OPTIONS

F¹¹	Fusing In Head
LF	In-Line/In-Pole Fusing
PC¹²	Photocontrol and Receptacle
PCR	Photocontrol Receptacle only
POLY¹³	Polycarbonate Sag Lens
SG¹⁴	Sag Glass Lens
HS	Internal Houseside Shield
QS⁹	Quartz Standby
QST⁹	Quartz Standby - Timed Delay
Q924⁹	Quartz Emergency
QT924⁹	Quartz Emergency - Timed Delay
RPA1¹⁵	3" Round Pole Adapter
RPA2¹⁶	4" and 5" Round Pole Adapter
MF¹⁷	Mast Arm Fitter

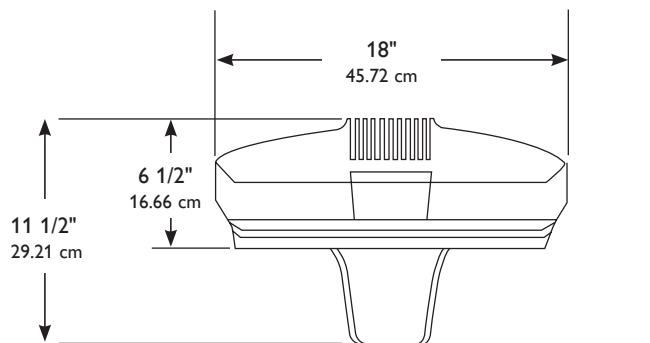
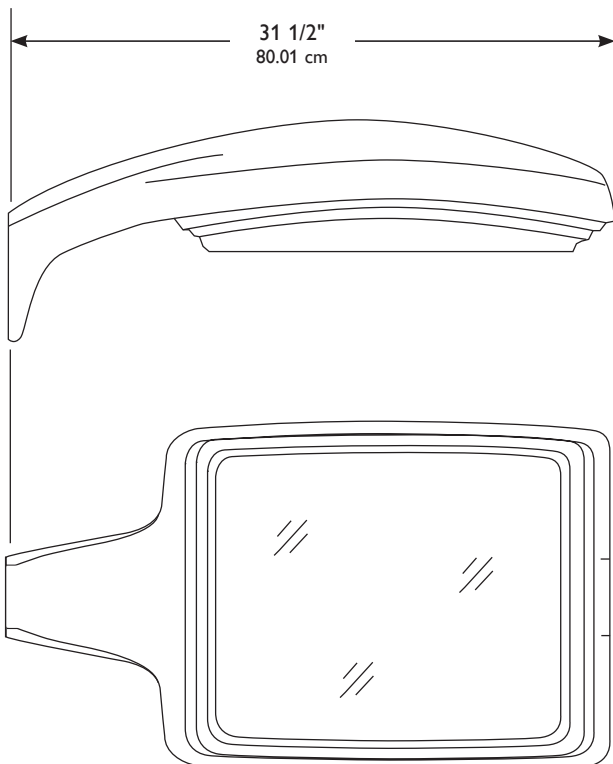
TR1¹⁸	Single Transition
TR2¹⁸	Twin Transition
PTF2¹⁹	Pole Top Fitter - 2 3/8" - 3" Dia. Tenon
PTF3¹⁹	Pole Top Fitter - 3" - 3 1/2" Dia. Tenon
PTF4¹⁹	Pole Top Fitter - 3 1/2" - 4" Dia. Tenon
SQPTF²⁰	Square Pole Top Fitter
GMR²¹	Provision for Gardco Motion Response
L6²²	LumiStep Ballast 6 hour
L8²²	LumiStep Ballast 8 hour
L10²²	LumiStep Ballast 10 hour

- 9. See QS/Q924 Table.
- 11. Not available above 400 watt.
- 12. Not available in 480V.
Provide specific input voltage.
- 13. 250W maximum. Polycarbonate lenses carry a 1 year warranty only.
- 14. In lieu of flat glass. Supplied standard and required with 750 watt and higher wattages.
- 15. Required for 3" O.D. round or tapered round poles where top O.D. is less than 4".
- 16. Required for 4"- 5" O.D. round poles.
- 17. Mounts to a 2-3/8" O.D. mast arm.
- 18. Mounts to a 2-3/8" Top Tenon. Specify a pole with a 4.50" O.D. for a smooth transition.
- 19. Not available in 120° mounting configurations.
- 20. Requires a 2-3/8" O.D. x 4" tenon or a 2.4" round pole top O.D. Specify Drilling (1, 2, 2@90, 3 or 4 only.)
- 21. Available only with 175PSMH through 400PSMH and 150HPS through 400HPS wattages. Includes dual-level capacitor and wiring to connect to Gardco Motion Response System.
- 22. Available with CosmoPolis system only. See submittal sheet GE200-005 for complete information on LumiStep ballasts.

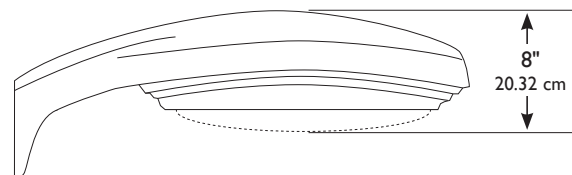
(Note 9) QS / Q924 Table	
HID Lamp Watts	Maximum Quartz Lamp Watts
175 watts or less	100 Watts
Above 175 watts up to 400 watts	150 Watts

QS, QST, Q924, QT924 are not available with CMPE, MCE or PSE wattages or in luminaires above 400 watts HID.

DIMENSIONS AND EPA



With Sag Glass Lens



EPA Data

1	2	3-4
1.2 ft ²	2.4 ft ²	3.2 ft ²
.11 m ²	.22 m ²	.30 m ²

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PHILIPS



SPECIFICATIONS

GENERAL DESCRIPTION: The Philips Gardco Gullwing is an area luminaire defined by its sleek profile and rugged construction. The housing is one-piece, diecast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The multifaceted arc-image duplicating optical systems provide IES Types I, II, III, IV and V distributions. The door frame is single-piece diecast aluminum and retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. The Gullwing luminaires are finished with a fade and abrasion resistant TGIC powdercoat.

HOUSING: A one-piece die cast aluminum housing mounts directly to a pole or wall without the need for a support arm. The low profile rounded form reduces the effective projected area of the luminaire to only 1.2 ft² / .11 m².

LENS ASSEMBLY: A single-piece diecast aluminum lens frame hinges down from the housing and is secured by a stainless steel lanyard and hinge pin.

An optically clear, heat and impact resistant tempered flat glass lens is mechanically secured with eight retainers. The electrical and optical chambers are thoroughly sealed with a one-piece memory retentive hollow-core EPDM gasket to prevent intrusion by moisture, dust, and insects.

OPTICAL SYSTEMS: The segmented optical systems are manufactured from homogenous sheet aluminum which has been electrochemically brightened, anodized and sealed. The multifaceted arc image duplicating systems are designed to produce IES Types I (1), II (2XL), III (3XL), IV (4XL and BLC), and V (Q). With the 2XL, 3XL and 4XL luminaries, the reflector facets form a conical fan around the arc tube with each facet positioned to be precisely tangent to the top of the arc tube.

The lampholder is glazed porcelain with a nickel plated screw shell. Position-oriented mogul base sockets to accept high output horizontal metal halide lamps are supplied standard.

ELECTRICAL: All electrical components are UL recognized and factory tested. Electronic and magnetic HID ballasts are high power factor and mounted on a unitized tray with quick electrical disconnects. Magnetic HID ballasts are the separate component type. Electronic and magnetic HID ballasts are capable of providing reliable lamp starting down to -20°F / -29°C.

Luminaires provided with the CosmoPolis or MasterColor Elite high performance ceramic metal halide electronic systems include high power factor electronic ballasts, designed specifically for the system selected.

FINISH: Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include bronze (BRP), black (BLP), white (WVP), and natural aluminum (NP). Consult factory for specs on optional or custom colors.

LABELS: All luminaires bear UL or CUL (where applicable) Wet Location labels.

WARRANTY: Philips Gardco luminaires feature a 5 year limited warranty. See Warranty Information on www.sitelighting.com for complete details and exclusions. Polycarbonate lenses carry a 1 year warranty only.

FULL CUTOFF PERFORMANCE: Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle at or above 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

CUTOFF PERFORMANCE: Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

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(800) 227-0758 (512) 753-1000 FAX: (512) 753-7855 [sitelighting.com](http://www.sitelighting.com)

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79115-85/0612

PHILIPS



Colonnade™



OW1040-GY7005



OW1044-GLIM

Features




- 5 year product warranty
- Solid metal accent bars
- Sealed and gasketed construction
- Oven cured no VOC acrylic powder coat
- Fabricated 1/8" thick white acrylic diffuser, F1 rated, UV stable, UL-94 HB flame class rated
- Easy relamping
- Fluorescent, incandescent or low energy, long life LED source
- PSX models – use with PS24 Series of 24VDC Class II remote power supplies. Each PS24 can power multiple fixtures (see total wattage table) and is available with 0-10V dimming. System costs are reduced by distributing the PS24 over multiple fixtures. Low-voltage Class II wiring between the PS24 and connected fixtures simplifies installation. The PS24 is not included with fixtures; order separately - see Accessories section.
- High power factor electronic ballast, 0° F / -18° C starting temperature (fluorescent)
- Mounts to standard electrical junction box (by others) with provided hardware
- ETL listed to UL standards (US and Canada) for wet location mounting 4' above grade

LED Features

- White source (3000k, 3500K, 4000K)
- PSX models are dimmable with PS-24VDC90W02 power supply
- Modular design allowing replacement of the LED source and power supply
- Constant current LED technology to protect LEDs from experiencing "over current" conditions that can cause overheating and premature failure
- Thermally managed within manufacturer specifications to promote long LED life
- No ultraviolet or infrared, alleviating potential damage to art, fabric and materials
- Mercury free LED source reduces impact to waste stream



Variation

COMPANIONS	<p>Capitol</p>  <p>Ceiling Page 214</p>	<p>Avatar</p>  <p>Wall / Ceiling Page 186</p>	<p>Cylinder</p>  <p>Pendant Page 256</p>
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Order Code Example

OW1040	2QF13 (MVOLT)	GY7005	XPS
Model Number	Source	Finish	Options
	Nominal Source Lumens	Painted is Standard All others are Premium	

			Dimensions		
OW1040	• LCW1000	2QF13	W	7-1/4"	(184 mm)
	• LNW900	2QF26	H	16"	(406 mm)
	• LWW900	2N40	D	5-1/2"	(140 mm)
			MC	8"	(203 mm)
OW1040PSX	• LCW1000		W	9-1/4"	(235 mm)
	• LNW900		H	20-1/4"	(514 mm)
	• LWW900		D	6"	(152 mm)
			MC	10-1/8"	(257 mm)
Power Supply is not included. Order separately (see Accessories Section below)					
OW1042	• LCW1000	3QF13	W	9-1/4"	(235 mm)
	• LNW900	2QF26	H	20-1/4"	(514 mm)
	• LWW900	2N75	D	6"	(152 mm)
			MC	10-1/8"	(257 mm)
OW1042PSX	• LCW1000		W	9-1/4"	(235 mm)
	• LNW900		H	20-1/4"	(514 mm)
	• LWW900		D	6"	(152 mm)
			MC	10-1/8"	(257 mm)
Power Supply is not included. Order separately (see Accessories Section below)					
OW1044	• LCW1000	2QF13	W	7-1/4"	(184 mm)
	• LNW900	2QF26	H	16"	(406 mm)
	• LWW900	2N40	D	5-1/2"	(140 mm)
			MC	8"	(203 mm)
OW1044PSX	• LCW1000		W	9-1/4"	(235 mm)
	• LNW900		H	20-1/4"	(514 mm)
	• LWW900		D	6"	(152 mm)
			MC	10-1/8"	(257 mm)
Power Supply is not included. Order separately (see Accessories Section below)					
OW1046	• LCW1000	3QF13	W	9-1/4"	(235 mm)
	• LNW900	2QF26	H	20-1/4"	(514 mm)
	• LWW900	2N75	D	6"	(152 mm)
			MC	10-1/8"	(257 mm)
OW1046PSX	• LCW1000		W	9-1/4"	(235 mm)
	• LNW900		H	20-1/4"	(514 mm)
	• LWW900		D	6"	(152 mm)
			MC	10-1/8"	(257 mm)
Power Supply is not included. Order separately (see Accessories Section below)					

Accessories - Order Separately (see Technical Reference Section for additional details)

Power Supply for PSX models (order separately)		Input Voltage	Options	Maximum PSX Units per Power Supply	
PS-24VDC90W01	24VDC 90 watt power supply; no dimming, 75' maximum remote distance using 16 AWG wire	Specify 120V or 277V	XPS	OW1040PSX / OW1044PSX	5
PS-24VDC90W02	24VDC 90 watt power supply, 0-10V dimmable, 20' maximum remote distance			OW1042PSX / OW1046PSX	

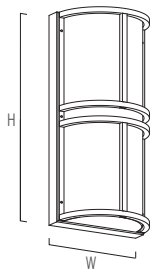
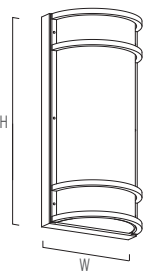
Line Drawings

Depth is measured from wall to front of fixture
Mounting Center is measured from top of fixture to center of junction box

W = Width H = Height D = Depth MC = Mounting Center

OW1040 / OW1042

OW1044 / OW1046



Abbreviation Key

• Indicated Finish or Option is not available with XPS

Source (Voltage)

Specify Voltage or MVOLT
MVOLT fixture accepts 120 through 277 input voltage

• LCW	Cool White, 4000K, LED	(MVOLT)
• LNW	Neutral White, 3500K, LED	(MVOLT)
• LWW	Warm White, 3000K, LED	(MVOLT)
QF13	13w quad, 4-pin G24q-1 base, FLR	(MVOLT; 347V)
QF26	26w quad, 4-pin G24q-3 base, FLR	(MVOLT; 347V)
N40	40w A-19, medium base, INC	(120V)
N75	75w A-19, medium base, INC	(120V)

Finishes (see inside back cover)

- (Painted) Color Code Required - see color chart
- VG Verdigris Patina over Copper

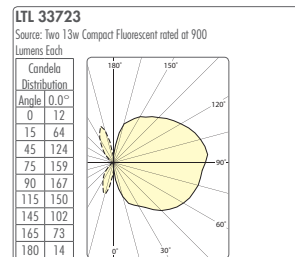
Options

- REM Remote emergency battery pack for fluorescent; rated for dry location, 32° F / 0° C minimum, not available with 347V
- XPS Express 10 day shipping

Photometrics and 3D Modeling

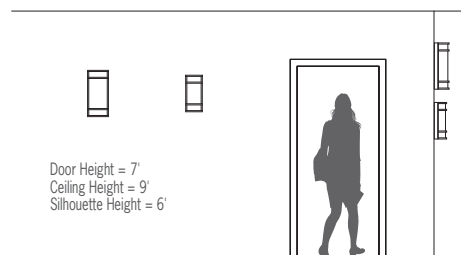
Complete BIM, Google Sketchup, and Photometric files for these models can be downloaded from www.visalighting.com

IES File Number	LER	Report
OW1040-2QF13	32	33723
OW1040-2N40	9	
OW1042-2N75	12	
OW1044-2QF13	32	33723
OW1044-2N40	9	
OW1046-2N75	12	



Nominal LED Source Wattage

	LCW	LNW	LWW
OW1040 / OW1040PSX	18.0		
OW1042 / OW1042PSX			
OW1044 / OW1044PSX			
OW1046 / OW1046PSX			



Wall luminaires with fixed light distribution

Housing: One piece die-cast aluminum supplied with universal mounting bracket for direct attachment to 3½" or 4" wiring box.

Enclosure: One piece die-cast aluminum cover frame, secured by captive socket head, stainless steel screws threaded into stainless steel inserts. Interior of lamp compartment painted gloss white. Clear safety glass. Fully gasketed for weather tight operation using a molded silicone rubber gasket. Pure anodized aluminum reflector.

Electrical: 13 W LED luminaire, 15 total system watts, -30° C start temperature. Integral 120V – 277V electronic LED Driver. 0-10V dimming. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order.

Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

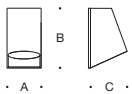
CSA certified to U.S. and Canadian standards . Protection class: IP64.

Weight: 3.3 lbs.

Luminaire Lumens: 479

Tested in accordance with LM-79-08

Type:
 BEGA Product:
 Project:
 Voltage:
 Color:
 Options:
 Modified:



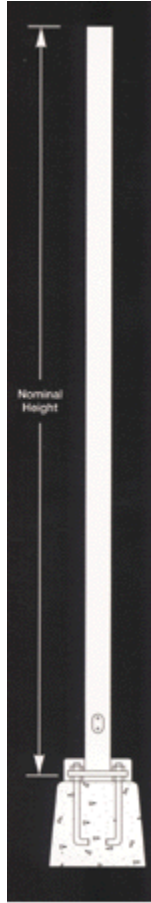
Fixed light distribution

	Lamp	A	B	C
3542 LED	13W LED	4%	7½	4%





SSP Square Non-Tapered Steel Poles



SSP

Pole Shaft

The pole shaft is one piece construction, being fabricated from a weldable grade carbon steel structural tubing which has a uniform wall thickness of 11 gauge (0.1196"). The pole shaft material shall conform to ASTM A-500 Grade C with a minimum yield strength of 50,000 psi. The pole shaft has a full length longitudinal resistance weld and is uniformly square in cross-section with flat sides, small corner radii and excellent torsional properties.

Base Plate

The anchor base is fabricated from a structural quality hot rolled carbon steel plate that meets or exceeds a minimum yield strength of 36,000 psi. The anchor base telescopes the pole shaft and is circumferentially welded top and bottom. All welds are performed in accordance with the American Welding Society specification AWS D1.1, latest edition.

Bolt Circle: 8.00" Sq. Dim. : 8.00" Thickness: 0.75" Conduit Opening: 3"
Consult KW representative for non-standard dimensions.

Anchor Bolts

Anchor bolts are fabricated from commercial quality hot rolled carbon steel bar that meets or exceeds a minimum yield strength of 55,000 psi. Four properly sized anchor bolts, each with two regular hex nuts and washers, are furnished and shipped with all poles unless otherwise specified. Anchor bolts shall have the threaded end galvanized a minimum of 8 inches in accordance with ASTM A-153. Fully galvanized anchor bolts are available upon request.

Handhole

An oval reinforced gasketed handhole, having a nominal 3 " x 5 " inside opening, located 1' - 6" above base, is standard on all poles. A grounding provision is located inside the handhole ring.

Finish

Standard - The exterior surface is cleaned with an alkaline rinse to remove surface contaminants and shot blasted to specifications as published by the Steel Structures Painting Council Standards SSPC-SP10 (near white). The exterior surface is chemically pretreated with an iron phosphate conversion coating then rinsed with ambient fresh water containing special surfactants and sealers forming a dry tight micro-crystalline coating. A polyester thermosetting powder coating applied to the surface of the substrate to a minimum of 3 mils is standard on all color finishes. The internal surface including the powder coated area at the base-end is coated with **K SEPL**, a thermoplastic hydrocarbon resin system specially formulated for application over untreated steel surfaces, to a thickness of 3 mils. The internal coating shall contain special corrosion inhibitors and is capable of passing 1000 hours of salt spray exposure (ASTM B-117).

Series: **SSP** - Square Non-Tapered Steel Poles

Nominal Height: **18'** Base Diameter: **4.0"** Gauge: **11**

Finish: **BRZ** - Standard - Bronze

Mounting Designation: **DM10** - Drilled for 1 Luminaire

Options: **BC** - Base Cover

Height (ft.)	Pole Shaft (in.) x (ft.)	Gauge	Handhole Size (in.)	Anchor Bolt (in.) x (in.) x (in.)	Bolt Circle (in.)	80 MPH (ft. ²)	90 MPH (ft. ²)	100 MPH (ft. ²)	Ship WT. (lbs.)
18	4 x 18.0	11	3 x 5	0.75 x 17 x 3	8	15.2	11.5	8.7	138

SSP18-4.0-11-BRZ-DM10-BC

Cut Back to 17' 6"

[Print This Page](#) [Email This Page](#)

[Generate New SSP Logic](#) [Choose Different Pole Type](#) [Main Menu](#)



Terms and Conditions of Sale

TERMS

Net 30 days from the date of Company's invoice unless otherwise specified. A 1-1/2% per month late charge will be added to accounts past due.

PRICES

Published prices are subject to change without notice. Possession of price sheets in no way obligates Company to sell to the Purchaser possessing such price sheet. All orders are subject to final approval and acceptance by the Company. Once accepted and approved, orders will be billed at prices currently in effect at the time of invoicing, or at prices quoted by the Company and accepted by the Purchaser if the order involves an item or items covered by special quotation. THE MINIMUM INVOICE CHARGE SHALL BE \$50.00 NET.

DELIVERY

All goods sold are deliverable F.O.B. KW Industries, Inc., Sugar Land, Texas 77478.

TAXES

The Company's prices do not include Federal, State or municipal sales, use, excise, or similar taxes. Consequently, the Company reserves the right to add to the sales price of its product any present or future sales, use, excise or other similar tax which shall be paid by the Purchaser, or in lieu thereof, the Purchaser shall provide the Company with a tax exemption certificate acceptable to the taxing authorities.

FREIGHT

All of the Company's products are priced and sold F.O.B. KW Industries, Inc., Sugar Land, Texas 77478. Transportation charges will be prepaid by the Company and added to the net sales price unless specified by the Purchaser.

ROUTING

The Company will specify the method and routing of all products to ensure the most efficient and economical shipment in behalf of the Purchaser. The Purchaser will assume charges for special services such as cartage, air freight, express or multiple deliveries on one order.

CANCELLATION

The written consent of the Company shall be obtained prior to a cancellation of any order. Cancellation of an order may subject the Purchaser to a cancellation charge based upon expenses already incurred and commitments made by the Company.

RETURNED GOODS

Specific written request and arrangements must be made in advance for Purchaser to obtain credit or replacement on material returned. On material accepted for return, Purchaser must prepay return shipment and pay minimum restocking charge of 40% plus any charge necessary to rework goods to a resaleable condition. Custom fabricated products by special order are not subject to return.

DELAYS, DAMAGE OR LOSS

The Company is not and shall not be liable for delays in shipment or delivery of its products when caused by strikes, riots, hurricanes, civil disorder, fires, material shortage, breakdown in manufacturing facilities or any other cause beyond its reasonable control. Any claims for damages, loss or shortage in transit must be made by the Purchaser to the delivering carrier. The risk of loss passes to the Purchaser upon delivery to the carrier.

LIMITED WARRANTY

The Company warrants to Purchaser that its products will be free from defects in material and workmanship for a period of one year from the date of shipment by the Company (*the "Warranty Period"*). This Warranty specifically excludes fatigue failure or similar phenomena resulting from induced vibration, harmonic oscillation or resonance associated with the movement of air currents around the product. If during the Warranty period, the product proves defective in material or workmanship, the Company shall correct any defect, at its option, either by repairing any defective parts or by making available at the Company's plant a repaired or replacement part at no charge to the Purchaser, if the Purchaser promptly notifies the Company and furnishes proof of Purchase. The liability of the Company under this Warranty, or for any loss or damage arising out of, or connected with, the design, manufacturing, sale or use of its products, whether the claim is based on contract or negligence, shall not exceed the price allocable to the value of the product or part which gives rise to the claim and upon expiration of the Warranty Period all such liability shall terminate. The Company shall not be liable for special or consequential damages including, but not limited to, loss of profits or revenue, loss of use of the product, cost of substitute products or labor charges to remove or reinstall the defective product, nor any product transportation expenses to and from the Company's plant if factory repair or replacement is necessary. No warranty is made with respect to parts or auxiliary equipment not manufactured by the Company. The foregoing Warranty is exclusive and in lieu of all other warranties whether written, oral, express or implied and shall constitute the sole and exclusive remedy of the Purchaser and liability of the Company. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. The Company's products are not sold as a "consumer product" under 15 U.S.C. 62301.

GENERAL

KW Industries, Inc. reserves the right to change any feature of its published specifications without notice to promote product improvement and/or allow for material availability. The contract for the sale of goods by KW shall be performable in Fort Bend County, Texas.

Prices subject to change without notice