

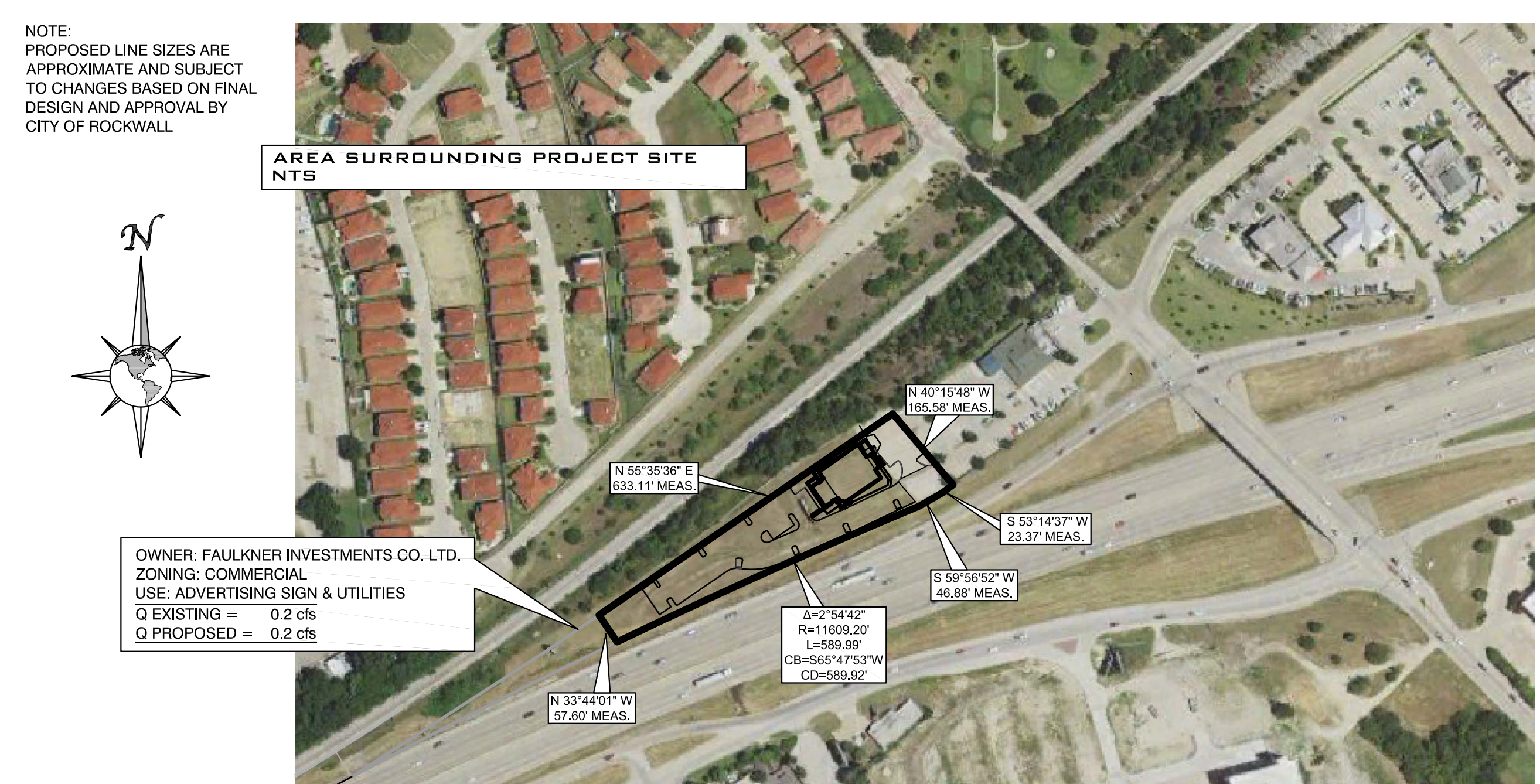
SITE DATA TABLE	
ZONING: COMMERCIAL WITH I.H. 30 OVERLAY	
PROPOSED USE: RESTAURANT	
SITE AREA 1.66 ACRES	72,415 SF
BUILDING FOOTPRINT	7,642 SF
OTHER IMPERVIOUS AREA	45,700 SF
TOTAL IMPERVIOUS AREA	53,342 SF
OPEN SPACE (15% REQUIRED)	18,214 SF
BUILDING TYPE:	
BUILDING HEIGHT: 1 STORY, 25' 10"	
PARKING REQUIREMENT: (1 STALL/ 100 SQ FT)	77 SPACES
PARKING REQUIREMENT: (1STALL/4 SEATS) (279 SEATS)	70 SPACES
REQUIRED PARKING	77 SPACES
PARKING PROVIDED:	
ADA ACCESSIBLE	5 SPACES
REGULAR	96 SPACES
TOTAL PROVIDED	101 SPACES

Drainage Narrative

The project is on a site with moderate to steep slopes which primarily drain from northeast to southwest. Significant flow from the Snuffer's Restaurant site enter the property along the northeast boundary. We have identified the existing surface discharges to the TxDOT and Railroad right-of-way and the small discharge across the southeastern boundary. As shown on the site plan we anticipate that the existing discharges to the right-of-way and sheet flow to the south will not be increased. The proposed development will introduce approximately 1.0 acre of new impervious surface to the basins increasing the 100-year run-off from the site by approximately 5 cfs. The owners have obtained a 10' drainage easement from Faulkner Investments Co. Ltd. Based on record drawings it is anticipated that a TxDOT storm sewer pipe has been buried on our site. We are proposing to locate the pipe and convey this flow through our site in a pipe to this easement. A quantity of run-off equal to the proposed increased run-off, as well as additional concentrated flows will be directed to this off-site drainage easement. The outfall structure will be designed to release the flow in a non-erosive manner and transition the flow from a concentrated and pipe flow to join the channized flow which enters the Faulkner property from the TxDOT right-of-way.

- LEGEND**
- ➔ = FLOW DIRECTION ARROW
 - ☉ = EXISTING LIGHT POLE
 - ☉ = PROPOSED LIGHT POLE
 - = PROPOSED PAVEMENT
 - = PROPOSED PAVEMENT
 - = EXISTING PAVEMENT (TO BE REMOVED)
 - = EXISTING PAVEMENT (TO REMAIN)
 - ⊗ = NUMBER OF 9' x 18' REGULAR PARKING SPACES
 - ⚡ = FIRE DEPARTMENT CONNECTION (FDC)
 - ☉ = FIRE HYDRANT
 - 1 = GREASE TRAP
 - 2 = TRANSFORMER
 - 3 = PROPOSED PRIVATE LIFT STATION
 - ➔ = TRAFFIC DIRECTION ARROW
 - ⬮ = EL FENIX PYLON SIGN (NEEDS SEPERATE PERMIT)

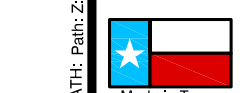
**** NOTE:**
 PROPOSED FH WITHIN 300' OF EXISTING FH @ SOUTH EAST CORNER OF SNUFFER'S RESTAURANT



Architect
 Gerdas • Henrichson & Associates
 14901 Quorum Drive • Suite 300 • Dallas, TX • 75254
 Phone: (972)239-8884 • jspencer@gha-architects.com
 Contact: James Spencer

Engineer
 Greg Edwards Engineering Services, Inc.
 1621 Amanda Court • Ponder, TX • 76259
 Phone: 940-482-2907 • office@ges.us
 Contact: Greg Edwards

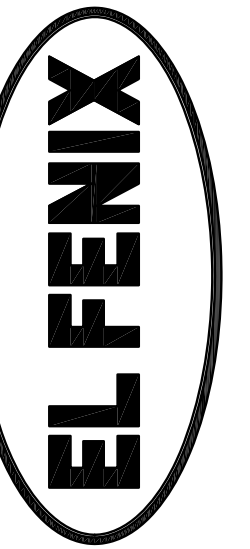
Owner/ Developer
 Karns Commercial Real Estate
 2414 N. Akard Street • Suite 5550 • Dallas, TX • 75201
 Phone: (972)388-5421 • rc@kamescommercial.com
 Contact: Rob Clinesmith





EL FENIX MEXICAN RESTAURANT
LOT BEHIND
2801 VILLAGE DRIVE
ROCKWALL, TX 75087

ROCKWALL, TX



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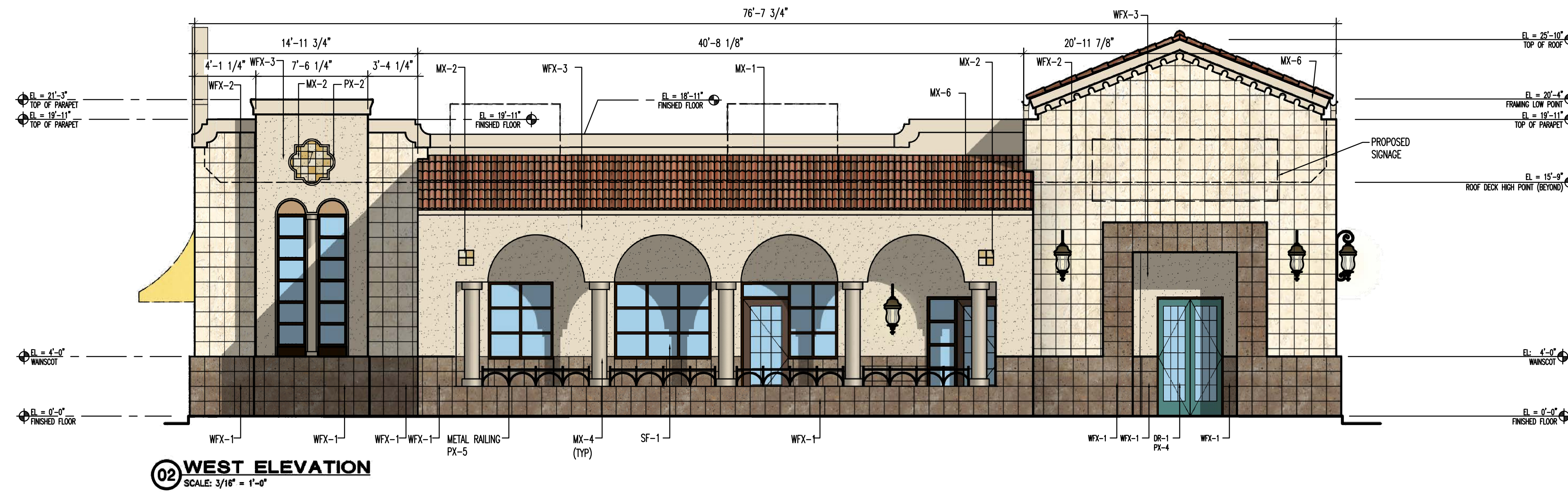
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SITE PLAN SUBMITTAL 02/02/16

PROJECT NUMBER
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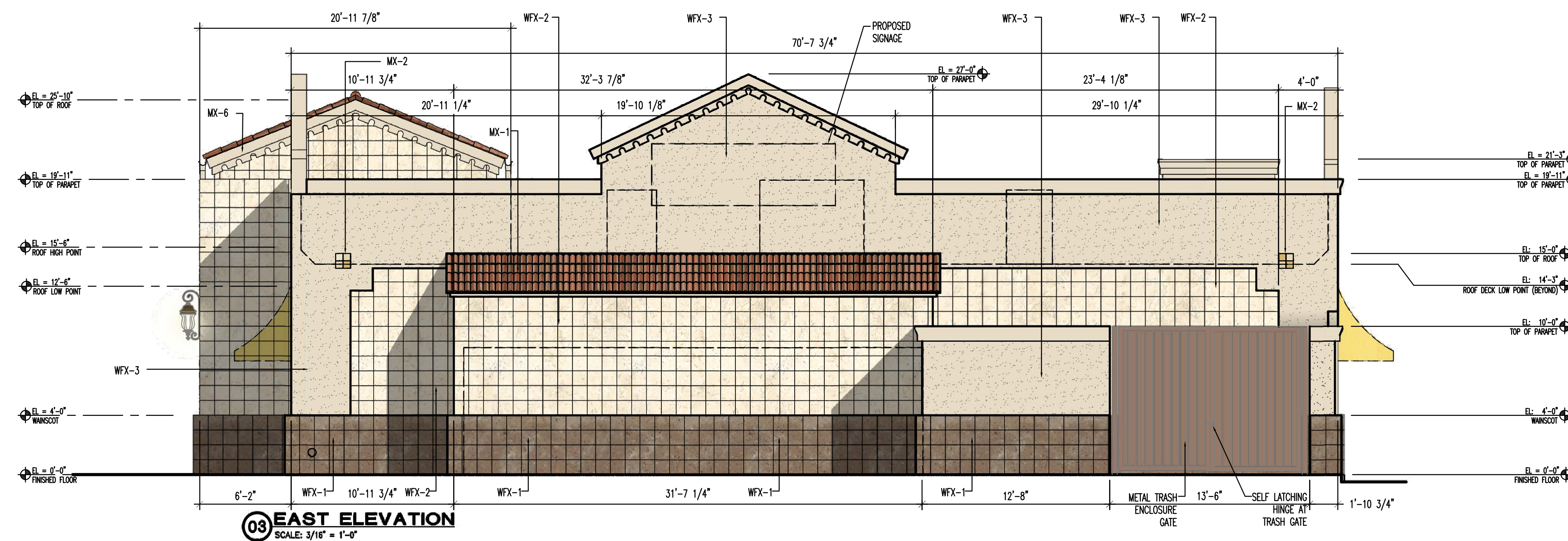
SHEET NUMBER
04

DATE OF THIS PRINTING - 11/19/2014



02 WEST ELEVATION
SCALE: 3/16" = 1'-0"

FINISH CALC - WEST ELEV			
	MATERIAL	AREA (SQ. FT.)	NET %
SECONDARY	EFS PARAPET CORNICE	80	6%
	HARDY BOARD FACIA TRIM	14	.01%
	ACCENT FEATURE	7	.005%
	COLUMN/BASE/CAP	50	4%
	ACCENT TILE	2	.001%
SECONDARY MATERIALS TOTAL		153	10%
PRIMARY	MAIN ELEVATION STUCCO	244	18%
	COVERED PATIO STUCCO	235	17%
	COVERED ENTRY STUCCO	32	2%
	MASONRY STONE FIELD	381	28%
	MAIN ELEVATION MASONRY STONE MANSCOT	259	19%
	COVERED PATIO MASONRY STONE MANSCOT	65	5%
COVERED ENTRY MASONRY STONE MANSCOT	10	.07%	
PRIMARY MATERIALS TOTAL		1,226	90%
TOTALS	WINDOWS/DOORS	220	
	TOTAL GROSS ELEVATION AREA	1,599	
	WINDOWS/DOORS	(220)	
TOTAL NET ELEVATION AREA		1,379	



03 EAST ELEVATION
SCALE: 3/16" = 1'-0"

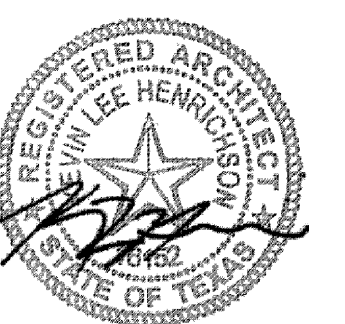
FINISH CALC - EAST ELEV			
	MATERIAL	AREA (SQ. FT.)	NET %
SECONDARY	EFS PARAPET CORNICE	108	7%
	HARDY BOARD FACIA TRIM	12	.01%
	ACCENT FEATURE	-	-
	COLUMN/BASE/CAP	-	-
ACCENT TILE	2	.01%	
SECONDARY MATERIALS TOTAL		122	7%
PRIMARY	STUCCO	545	35%
	MASONRY STONE FIELD	536	34%
	MASONRY STONE MANSCOT	256	16%
	PAINTED METAL TRASH GATES	133	8%
PRIMARY MATERIALS TOTAL		1,470	83%
TOTALS	WINDOWS/DOORS	-	
	TOTAL GROSS ELEVATION AREA	1,582	
	WINDOWS/DOORS	-	
TOTAL NET ELEVATION AREA		1,582	

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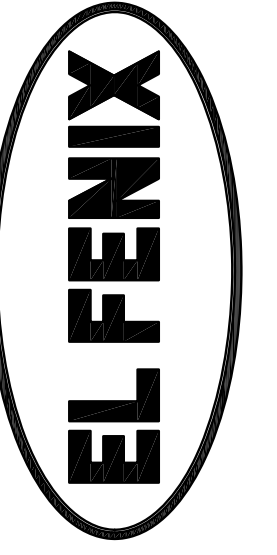
FINISH MATERIAL SPECIFICATIONS

CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS	CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS	CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS	CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS
MX-1	ROOF TILES	BORAL CLAY TILES	PALERMO BLEND. 1-PC "S" TILE.	-	PX-1	NOT USED	-	-	-	PX-7	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #7695 - EGGSHELL COLOR: MESA TAN - MANSCOT / ACCENT	-	SF-1	STOREFRONT	KAWNEER NORTH AMERICA	CLASSIC BRONZE GLAZING: 1" CLEAR INSULATED LOW-EZ GLAZING -PPG SQUAREAN 60 (2) OR EQUAL	MAX EXTERIOR VISIBLE REFLECTIVITY OF 20%
MX-2	ACCENT WALL TILES	PORCELAIN STONE	A1101 SAND BOX, A1102 ROASTED MARSHMALLOW, A1105 YELLOW BRICK ROAD	-	PX-2	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6119 - EGGSHELL COLOR: ANTIQUE WHITE - FIELD	-	WFX-1	NATURAL/QUARRY STONE	TEXAS STONE CREATIONS	BROWN 12x12 TABACO	-	DR-1	EXTERIOR DOOR	-	HOLLOW METAL DOOR PER ELEVATION	HOLLOW METAL FRAME
MX-3	AWNINGS	SUNBRELLA	4635-0000 BUTTERCUP	-	PX-3	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6083 - EGGSHELL COLOR: LAGOON - DOORS	-	WFX-2	NATURAL/QUARRY STONE	TEXAS STONE CREATIONS	WHITE 12x12 RIVERA BEIGE	-	DR-2	PATIO GATE	-	CUSTOM METAL GATE. CUSTOM METAL GATE	-
MX-4	CUSTOM COLUMN	CHADSWORTH, INC.	D-CS-NI-PL-CUSTOM-CUSTOM, 12" DIA - 84" TALL COLOR: SMOOTH WHITE CONTACT: 800-265-8667, SALES@COLUMNS.COM	-	PX-4	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6480 - EGGSHELL COLOR: LAGOON - DOORS	-	WFX-3	STUCCO	PARFX USA, INC.	PRODUCT/FINISH: ARMOURWALL 100 WATERMASTER COLOR: INTEGRAL COLOR TO MATCH PAINT COLORS AS NOTED ON ELEVATIONS	-	DR-3	TRASH ENCLOSURE GATE	-	CUSTOM METAL GATE. COLOR PER ELEV	-
MX-5	CUSTOM COLUMN	CHADSWORTH, INC.	A-CS-NI-PL-CUSTOM-CUSTOM, 7" DIA - 114" TALL COLOR: SMOOTH WHITE CONTACT: 800-265-8667, SALES@COLUMNS.COM	-	PX-5	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6258 - EGGSHELL COLOR: TROICORN BLACK - IRONWORK	-	WFX-5	EFS SYSTEM	PARFX USA, INC.	PRODUCT/FINISH: STANDARD WATERMASTER LDR EFS, SMOOTH FINISH COLOR: INTEGRAL COLOR TO MATCH PAINT COLORS AS NOTED ON ELEVATIONS	THICKNESS OF INSULATION PER DETAILS	-	-	-	-	-
MX-6	FACIA	HARDY BOARD	1"x10" PAINTED PX-2	-	PX-6	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6067 - EGGSHELL COLOR: MOCHA - PATIO WALL	-	-	-	-	-	-	-	-	-	-	-

PRINTED BY: ENFARD
DRAWING NAME: 04 ELEVATIONS.DWG
LAYOUT: 04
SIZES: ATTACHED



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LOT BEHIND
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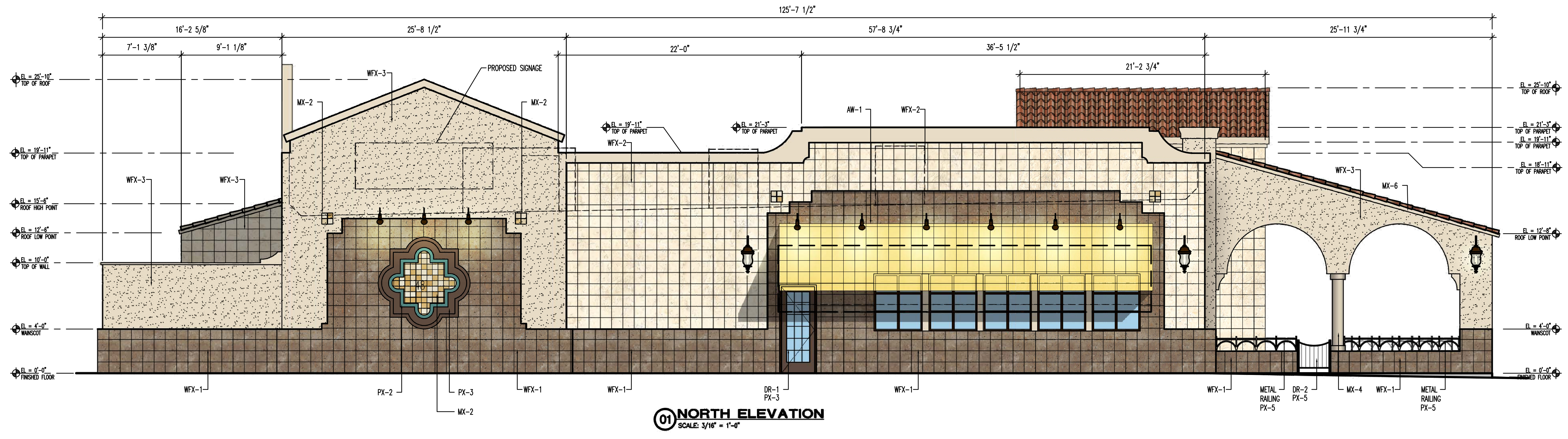
SITE PLAN SUBMITTAL 02/02/16

PROJECT NUMBER
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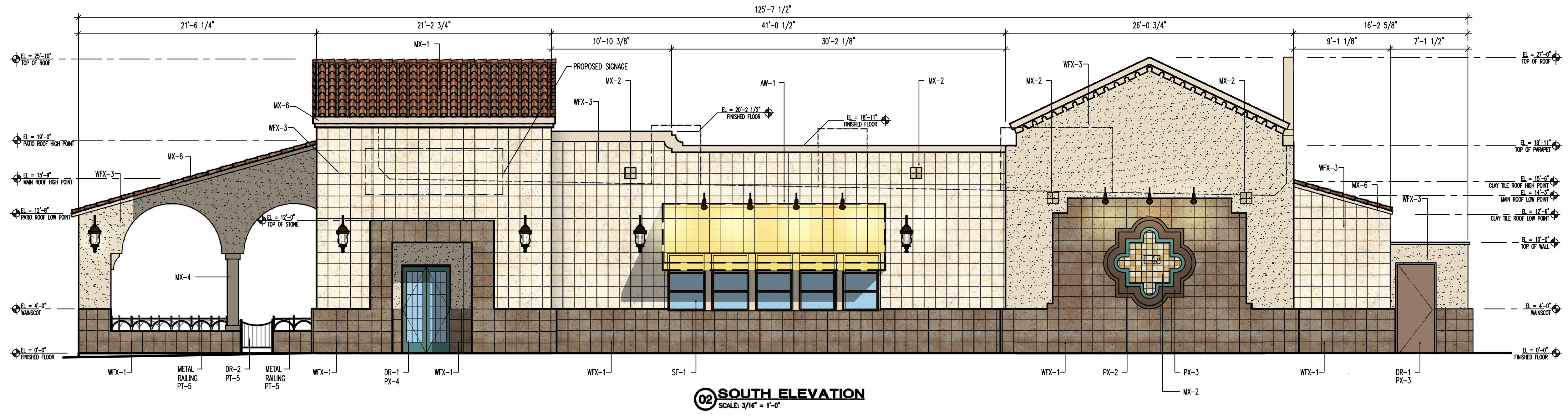
SHEET NUMBER

05

DATE OF THIS PRINTING - 11/19/2014



FINISH CALC - NORTH ELEV			
	MATERIAL	AREA (SQ. FT.)	NET %
SECONDARY	EIFS PARAPET CORNICE	106	5%
	HARDY BOARD FACIA TRIM	15	.07%
	ACCENT FEATURE	47	2.2%
	COLUMN/BASE/CAP	8	.4%
	ACCENT TILE	4	.02%
SECONDARY MATERIALS TOTAL		180	8%
PRIMARY	STUCCO	568	26.4%
	MASONRY STONE FIELD	560	26.7%
	MASONRY STONE WANSCOT	840	39.1%
PRIMARY MATERIALS TOTAL		1,968	92%
TOTALS	WINDOWS/DOORS	148	
	TOTAL GROSS ELEVATION AREA	2,296	**
	TOTAL NET ELEVATION AREA	2,148	**



FINISH CALC - SOUTH ELEV			
	MATERIAL	AREA (SQ. FT.)	NET %
SECONDARY	EIFS PARAPET CORNICE	66	3.3%
	HARDY BOARD FACIA TRIM	24	1%
	ACCENT FEATURE	47	2.3%
	COLUMN/BASE/CAP	8	.4%
	ACCENT TILE	4	.02%
SECONDARY MATERIALS TOTAL		149	7%
PRIMARY	STUCCO	444	21.9%
	MASONRY STONE FIELD	840	41.3%
	MASONRY STONE WANSCOT	596	29.4%
PRIMARY MATERIALS TOTAL		1,880	93%
TOTALS	WINDOWS/DOORS	157	
	TOTAL GROSS ELEVATION AREA	2,186	**
	TOTAL NET ELEVATION AREA	2,029	**

SP-20-16-001

FINISH MATERIAL SPECIFICATIONS

CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS	CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS	CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS	CODE	PRODUCT	MANUFACTURER	PATTERN/ COLOR	REMARKS
MX-1	ROOF TILES	BORAL CLAY TILES	PALERMO BLEND, 1-PC "S" TILE.	-	PX-1	NOT USED	-	-	-	PX-7	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #7695 - EGGSHELL COLOR: MESA TAN - WANSCOT / ACCENT	-	SF-1	STOREFRONT	KAWNEER NORTH AMERICA	CLASSIC BRONZE GLAZING: 1" CLEAR INSULATED LOW-E2 GLAZING -PPG SOLARBAN 60 (2") OR EQUAL	MAX EXTERIOR VISIBLE REFLECTIVITY OF 20%
MX-2	ACCENT WALL TILES	PORCELAIN STONE	A1101 SAND BOX, A1102 ROASTED MARSHMALLOW, A1105 YELLOW BRICK ROAD	-	PX-2	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6119 - EGGSHELL COLOR: ANTIQUE WHITE - FIELD	-	WFX-1	NATURAL/QUARRY STONE	TEXAS STONE CREATIONS	BROWN 12x12 TABACO	-	DR-1	EXTERIOR DOOR	-	HOLLOW METAL DOOR PER ELEVATION	HOLLOW METAL FRAME
MX-3	AWNINGS	SUNBRELLA	4635-0000 BUTTERCUP	-	PX-3	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6083 - EGGSHELL COLOR: SABLE - AT TRIM AND ACCENTS	-	WFX-2	NATURAL/QUARRY STONE	TEXAS STONE CREATIONS	WHITE 12x12 RIVERA BEIGE	-	DR-2	PATIO GATE	-	CUSTOM METAL GATE. CUSTOM METAL GATE	-
MX-4	CUSTOM COLUMN	CHADSWORTH, INC.	D-CS-NI-PL-CUSTOM-CUSTOM, 12" DIA - 84" TALL COLOR: SMOOTH WHITE CONTACT: 800-265-8867, SALES@COLUMNS.COM	-	PX-4	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6490 - EGGSHELL COLOR: LAGOON - DOORS	-	WFX-3	STUCCO	PARREX USA, INC.	PRODUCT/FINISH: ARMORWALL 100 WATERMASTER COLOR: INTEGRAL COLOR TO MATCH PAINT COLORS AS NOTED ON ELEVATIONS	-	DR-3	TRASH ENCLOSURE GATE	-	CUSTOM METAL GATE. COLOR PER ELEV	-
MX-5	CUSTOM COLUMN	CHADSWORTH, INC.	A-CS-NI-PL-CUSTOM-CUSTOM, 7" DIA - 114" TALL COLOR: SMOOTH WHITE CONTACT: 800-265-8867, SALES@COLUMNS.COM	-	PX-5	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6258 - EGGSHELL COLOR: TRICORN BLACK - IRONWORK	-	WFX-5	EIFS SYSTEM	PARREX USA, INC.	PRODUCT/FINISH: STANDARD WATERMASTER LOR EIFS, SMOOTH FINISH COLOR: INTEGRAL COLOR TO MATCH PAINT COLORS AS NOTED ON ELEVATIONS	THICKNESS OF INSULATION PER DETAILS	-	-	-	-	-
MX-6	FACIA	HARDY BOARD	1"x10" PAINTED PX-2	-	PX-6	PAINT	SHERWIN WILLIAMS	PRODUCT/FINISH: SW #6067 - EGGSHELL COLOR: MOCHA - PATIO WALL	-	-	-	-	-	-	-	-	-	-	-

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LAYOUT: 05
X-TOPT LEFT ELEV ROOMWALLING
X-ROBT LEFT ELEV ROOMWALLING
X-EXT FINDING
X-EXT FINDING



EL FENIX MEXICAN RESTAURANT
LOT BEHIND
2801 VILLAGE DRIVE
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SITE PLAN SUBMITTAL 02/02/16

PROJECT NUMBER
150484

SHEET NUMBER
03

DATE OF THIS PRINTING - 11/19/2014

CONCEPT DESIGN APPROVAL

NAME _____	DATED _____
NAME _____	DATED _____

SEATING CALCULATIONS:

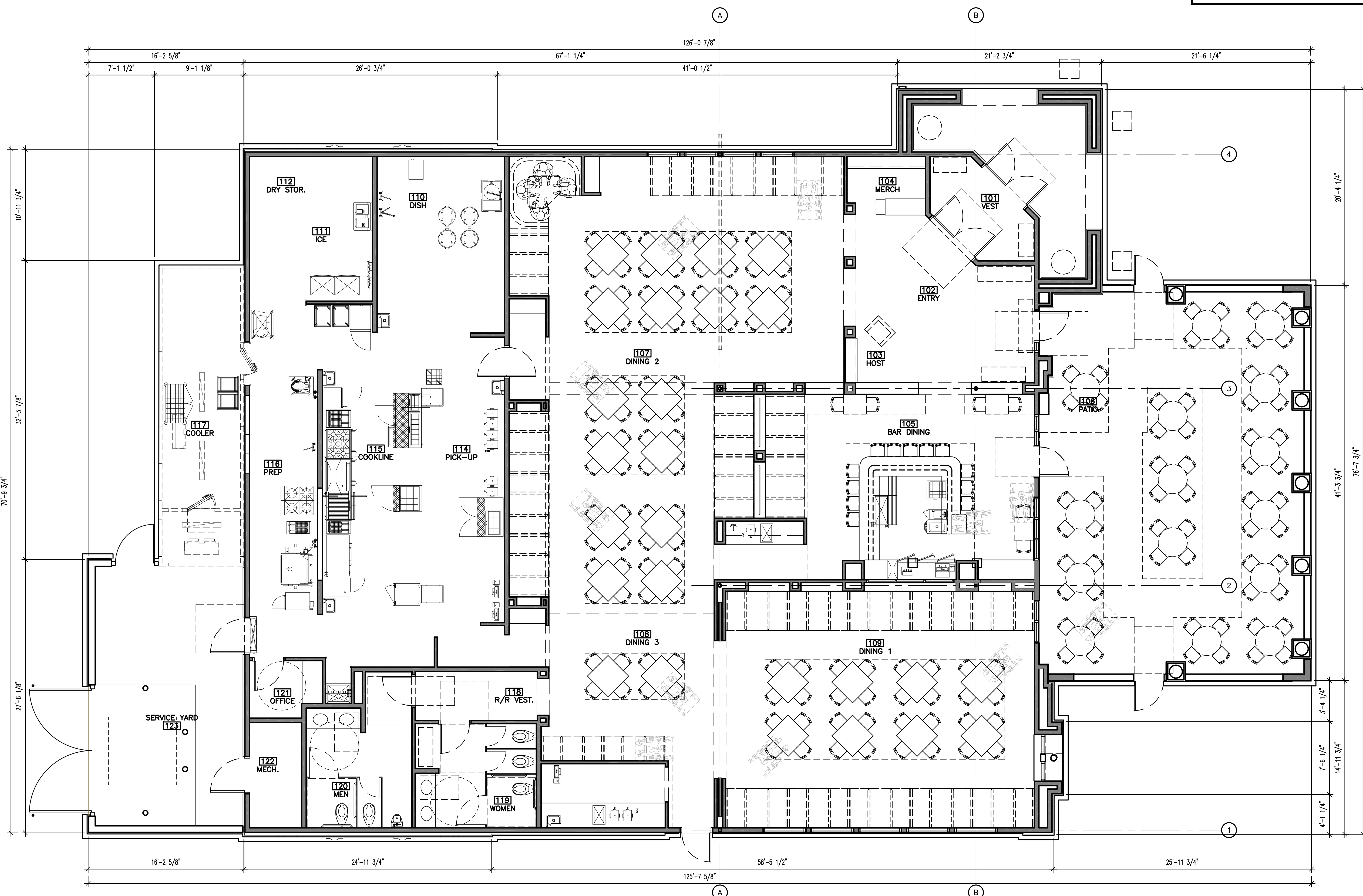
Interior Seating	PARTIES	SEATS
DINING:		
4 TOP - 30'x48" BOOTH	21	44
4 TOP - 36'x36" FREESTANDING TABLE	26	104
2 TOP - 30'x30" BOOTH	2	4
2 TOP - 24'x28" FREESTANDING TABLE	3	6
4 TOP - CORNER BOOTH	1	4
BAR:		
BAR STOOLS	-	12
BAR (BAR)	-	1
Total Interior Seating	53	175

Interior ADA (INCLUDED IN TOTAL)	PARTIES	SEATS
DINING:		
4 TOP - 30'x48" BOOTH	-	1
4 TOP - 36'x36" FREESTANDING TABLE	-	6
2 TOP - 30'x30" BOOTH	-	1
2 TOP - 24'x28" FREESTANDING TABLE	-	1
4 TOP - CORNER BOOTH	-	1
Total Seating	-	10

Exterior Patio Seating	PARTIES	SEATS
DINING:		
4 TOP - 36'x36" FREESTANDING TABLE	15	60
Total Patio	15	60

Exterior ADA (INCLUDED IN TOTAL)	PARTIES	SEATS
DINING:		
4 TOP - 36'x36" FREESTANDING TABLE	-	1
Total Patio	-	1

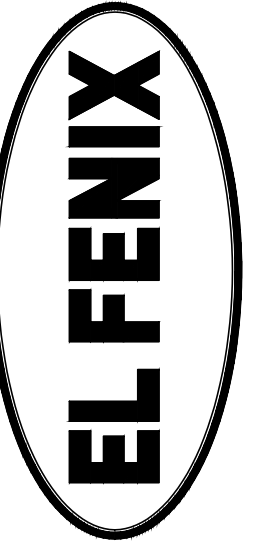
TOTAL SEATING (Int and Patio)	68	235
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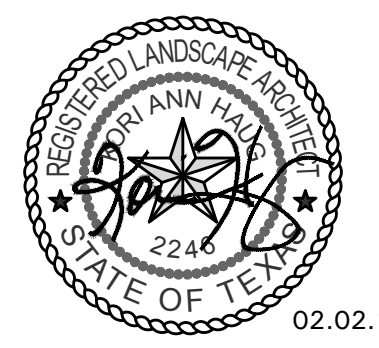
01 FLOOR PLAN
SCALE: 3/16" = 1'-0"

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X-TB-24358 150484BLDG
X-BASE PLANNING
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LAYOUT: 03
SIZES: ATTACHED

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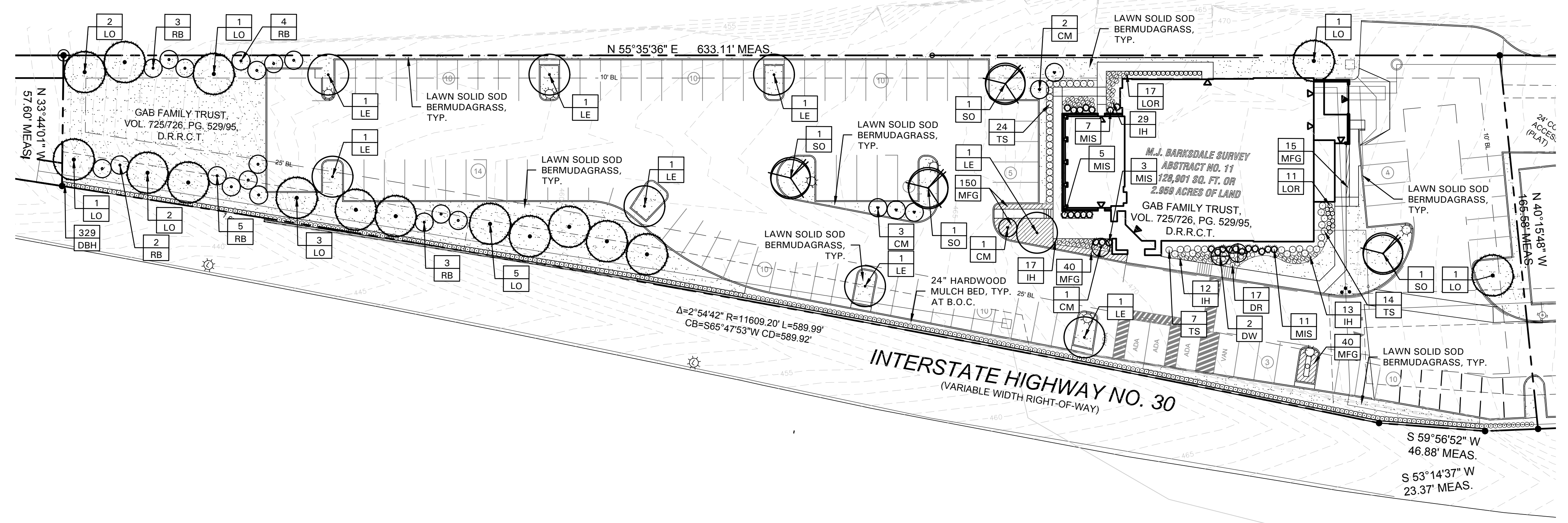
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SITE PLAN SUBMITTAL 02/02/16

MISSOURI-KANSAS-TEXAS RAILROAD
(VARIABLE WIDTH RIGHT-OF-WAY)



- LANDSCAPE NOTES**
- CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
 - CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
 - CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
 - CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED GRADE IN LAWN AREAS.
 - ALL PLANTING BEDS AND LAWN AREAS SHALL BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS, OR CURBS. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND CURBS.
 - TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
 - ALL LAWN AREAS SHALL BE SOLID SOD BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 - ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER-BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
 - CONTRACTOR SHALL PROVIDE BID PROPOSAL LISTING UNIT PRICES FOR ALL MATERIAL PROVIDED.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.

- MAINTENANCE NOTES**
- THE OWNER, TENANT AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE.
 - 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.
 - ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIAL OR PLANTS NOT PART OF THIS PLAN.
 - ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
 - ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
 - CONTRACTOR SHALL PROVIDE SEPARATE BID PROPOSAL FOR ONE YEAR'S MAINTENANCE TO BEGIN AFTER FINAL ACCEPTANCE.

- GENERAL LAWN NOTES**
- CONTRACTOR SHALL COORDINATE OPERATION AND AVAILABILITY OF EXISTING TOPSOIL WITH ON-SITE CONSTRUCTION MANAGER.
 - CONTRACTOR SHALL LEAVE LAWN AREAS 1" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
 - CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. 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.
 - ALL LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR LANDSCAPE ARCHITECT PRIOR TO LAWN INSTALLATION.
 - CONTRACTOR SHALL REMOVE ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLOUDS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
 - CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
 - CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.

- SOLID SOD NOTES**
- PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY. ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
 - ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
 - WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
 - IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVERSEED BERMUDAGRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	REMARKS
TREES					
CM	<i>Lagerstroemia indica</i> 'Natchez'	Crepe Myrtle 'Natchez'	7	30 gal.	container grown, 3-5 trunk, no cross canes, 8' ht., 4' spread, matching
DW	<i>Chilopsis linearis</i>	Desert Willow	2	30 gal.	container grown, 8' ht. min., 4' spread min.
LE	<i>Ulmus parvifolia</i> 'Sempervirens'	Lacebark Elm	8	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
LO	<i>Quercus virginiana</i>	Live Oak	16	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
RB	<i>Quercus canadensis</i> 'Oklahoma'	Oklahoma Redbud	17	30 gal.	container grown, 8' ht., 4' spread min.
SO	<i>Quercus shumardii</i>	Shumard Red Oak	4	4" cal.	container grown, 15' ht., 5' spread, 5' branching ht., matching
SHRUBS/GROUND COVER					
DBH	<i>Ilex cornuta</i> 'Burfordii Nana'	Dwarf Burford Holly	329	5 gal.	container full, 24" spread, 24" o.c.
DR	<i>Rosa</i> 'Red Drift'	Red Drift Rose	17	5 gal.	container full, 24" spread, 20" ht., 24" o.c.
IH	<i>Raphiolepis indica</i> 'Clara'	Indian Hawthorne 'Clara'	71	5 gal.	container full, 20" spread, 24" o.c.
LOR	<i>Loropetalum chinense</i> 'Purple Diamond'	Loropetalum 'Purple Diamond'	28	5 gal.	container full, 20" spread, 24" o.c.
MFG	<i>Nassella tenuissima</i>	Mexican Feathergrass	245	1 gal.	container full, 18" o.c.
MIS	<i>Miscanthus sinensis</i> 'Adagio'	Miscanthus 'Adagio'	26	5 gal.	container full, 36" o.c.
TS	<i>Leucophyllum frutescens</i> 'Green Cloud'	Texas Sage 'Green Cloud'	45	5 gal.	container full, 20" spread, 36" o.c.

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.
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.

LANDSCAPE TABULATIONS
THE CITY OF ROCKWALL, TEXAS

STREET LANDSCAPING

- 20' wide landscape buffer with three (3) canopy trees, 4" cal., and four (4) accent trees, 4" ht., per 100 l.f. where adjacent to IH-30 right of way.
- 30" tall shrub screen.

IH-30: 660 l.f.

Required	Provided
20' landscape buffer	N/A
(20) canopy trees, 4" cal.	(20) trees, 4" cal.
(26) accent trees, 4" ht.	(26) accent trees, 30 gal.

PARKING LOT LANDSCAPING

- 5% percent of the total parking lot shall be landscaped.
- One (1) large canopy tree, 4" cal., per 10 required parking spaces.

Total parking lot: 41,271 s.f.
Total Parking: 101
Required Parking: 77

Required	Provided
2,064 s.f. (5%)	2,912 s.f. (7%)
(8) canopy trees, 4" cal.	(8) canopy trees, 4" cal.

SITE LANDSCAPING

- 15% of the total site shall be landscaped for COMMERCIAL.
- 50% of the total requirements shall be located in the front of and along side buildings for COMMERCIAL.

Total site: 1.66 AC; 72,415 s.f.

Required	Provided
10,862 s.f. (15%)	18,214 s.f. (25%)
5,431 s.f. (50%)	19,388 s.f.

GENERAL TREE SURVEY NOTE:
NO EXISTING TREES LOCATED ON SITE

NO TREES WITHIN 5' - 0" OF ANY UTILITIES

SITE DATA TABLE

ZONING: COMMERCIAL WITH I.H. 30 OVERLAY
PROPOSED USE: RESTAURANT

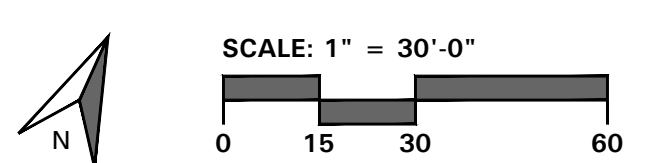
SITE AREA 1.66 ACRES	72,415 SF	
BUILDING FOOTPRINT	7,642 SF	10.6%
OTHER IMPERVIOUS AREA	45,700 SF	63.1%
TOTAL IMPERVIOUS AREA	53,342 SF	73.7%
OPEN SPACE (15% REQUIRED)	18,214 SF	25.2%

BUILDING TYPE:
BUILDING HEIGHT: 1 STORY, 25' 10"

PARKING REQUIREMENT: (1 STALL/100 SQ FT)	77 SPACES
PARKING REQUIREMENT: (1STALL/4 SEATS) (279 SEATS)	70 SPACES
REQUIRED PARKING	77 SPACES

PARKING PROVIDED:

ADA ACCESSIBLE	5 SPACES
REGULAR	96 SPACES
TOTAL PROVIDED	101 SPACES



LANDSCAPE PLAN

- 4245 North Central Expy
- Suite 501
- Dallas, Texas 75205
- 214.865.7192 office

MSV

M-Pulsive™ Flat & Convex



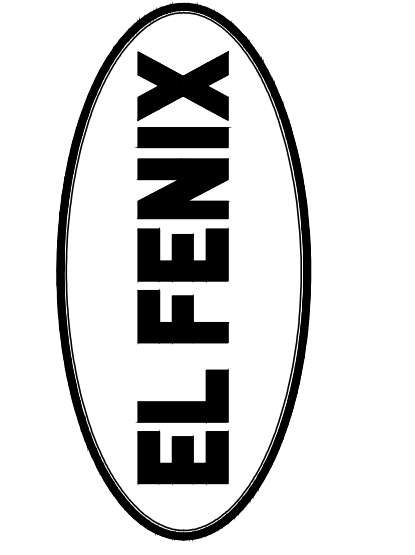
- Square, one-piece formed aluminum housing is completely sealed to keep contaminants and moisture out
- Flat glass models feature tool-less entry and four point closure; Convex glass models use formed doors secured with thumb screws for easy re-lamping
- Both flat and convex glass models feature multifaceted segmented panels in two levels of performance; The standard optic is available in Type I, III, IV and V square distributions; The high performance "Super" optical system is available for Type III and V distributions; All are rotatable in 90° increments; IESNA full cut-off lighting classification achieved with flat lens
- IDA fixture seal of approval with flat lens
- Extruded aluminum arm for pole mounting available in both 4" and 10" sizes; Spider mount has four twin tube arms; Yoke mount has two square arms
- CWA type ballast, 60 Hz HPF, starting rated at -20°F (-40°F HPS); 50 Hz available, consult factory; Mogul porcelain socket, pulse-rated with spring-loaded, nickel-plated center contact and reinforced lamp grip screw shell
- Durable Lektrocote™ TGIC thermoset polyester powder paint finish assures long life and maintenance-free service
- 5 standard, 2 premium, and custom colors are available
- Listed to UL1598 for use in wet locations

ORDERING INFORMATION

MSV					
SERIES	SOURCE/WATTAGE	LAMP ORIENT./DISTR.	LENS	COLOR	OPTIONS
MSV M-Pulsive	METAL HALIDE H1K ¹⁴ 1000w (BT-37)	V1P Vert. I - segmented	F Flat glass	DB Dark Bronze (textured)	F(X) ⁶ Fusing (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347)
MOUNT	SUPER METAL HALIDE MS1K ¹⁴ 1000w (BT-37)	V3P Vert. III - segmented	C ⁸ Convex glass	BL Black (textured)	PR(X) ¹² Photo cell receptacle (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347)
A4 Arm mount (includes 4" rigid arm)	PULSE START METAL HALIDE P17 175w (ED-28)	V4 ⁶ Vert. IV - multi-piece		WH White (textured)	P(X) ^{4,5} Photo button (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347)
A10 ²¹ Arm mount (includes 10" rigid arm)	P25 250w (ED28)	V5P Vert. V (square) - segmented		GR Gray (textured)	RPA2 Round pole adapter (2 3/4 - 3 1/8")
P32 320w (ED28)	P25 250w (ED28)	H3 ^{2,12,13} Horiz. III - hydroformed		PS Platinum Silver (smooth)	RPA3 Round pole adapter (3 1/4 - 3 3/4")
P35 350w (ED28)	P40 400w (ED-37)	H4 ² Horiz. IV - multi-piece		RD Red (smooth) (premium color)	RPA4 Round pole adapter (3 7/8 - 4 1/2")
P40 400w (ED-37)	P45 450w (BT-37)	H5 ^{2,12} Horiz. V (square) - hydroformed		FG Forest Green (textured, premium color)	RPA5 Round pole adapter (5")
P45 450w (BT-37)	P75 750w (BT-37)	H5P ² Horiz. V (square) - segmented		CC Custom Color (consult factory)	RPA6 Round pole adapter (6")
P75 750w (BT-37)	HIGH PRESSURE SODIUM S25 250w (ED-18)				QZ ⁵ Quartz RS with lamp
P80 800w (ED-18)	S40 400w (ED-18)				VG Polycarbonate vandal guard
P80 800w (ED-18)	S60 ¹ 600w (T-14)				R(X) ⁷ Reveal (EB option must be chosen also; Replace XX with color)
P80 800w (ED-18)	S75 ¹ 750w (BT-37)				EB Embossed band
P80 800w (ED-18)	S1K 1000w (ED-37)				
ST Spider mount (2 3/8" tenon)					
YT Yoke mount (2 3/8" tenon)					

GH A
Architecture / Development
14901 Quorum Drive
Suite 300
Dallas Texas 75254
Ph: (972) 238-8884
Fax: (972) 238-6064

EL FENIX MEXICAN RESTAURANT
LOT BEHIND
2801 VILLAGE DRIVE
ROCKWALL, TX 76087



DO NOT SCALE DRAWINGS
CONTRACTOR TO VERIFY
ALL EXISTING CONDITIONS AND
DIMENSIONS-NOTIFY ARCHITECT
OF ANY DISCREPANCIES PRIOR
TO BEGINNING CONSTRUCTION

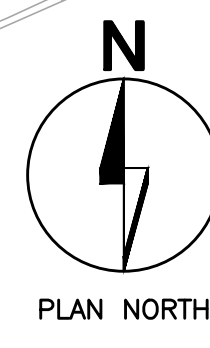
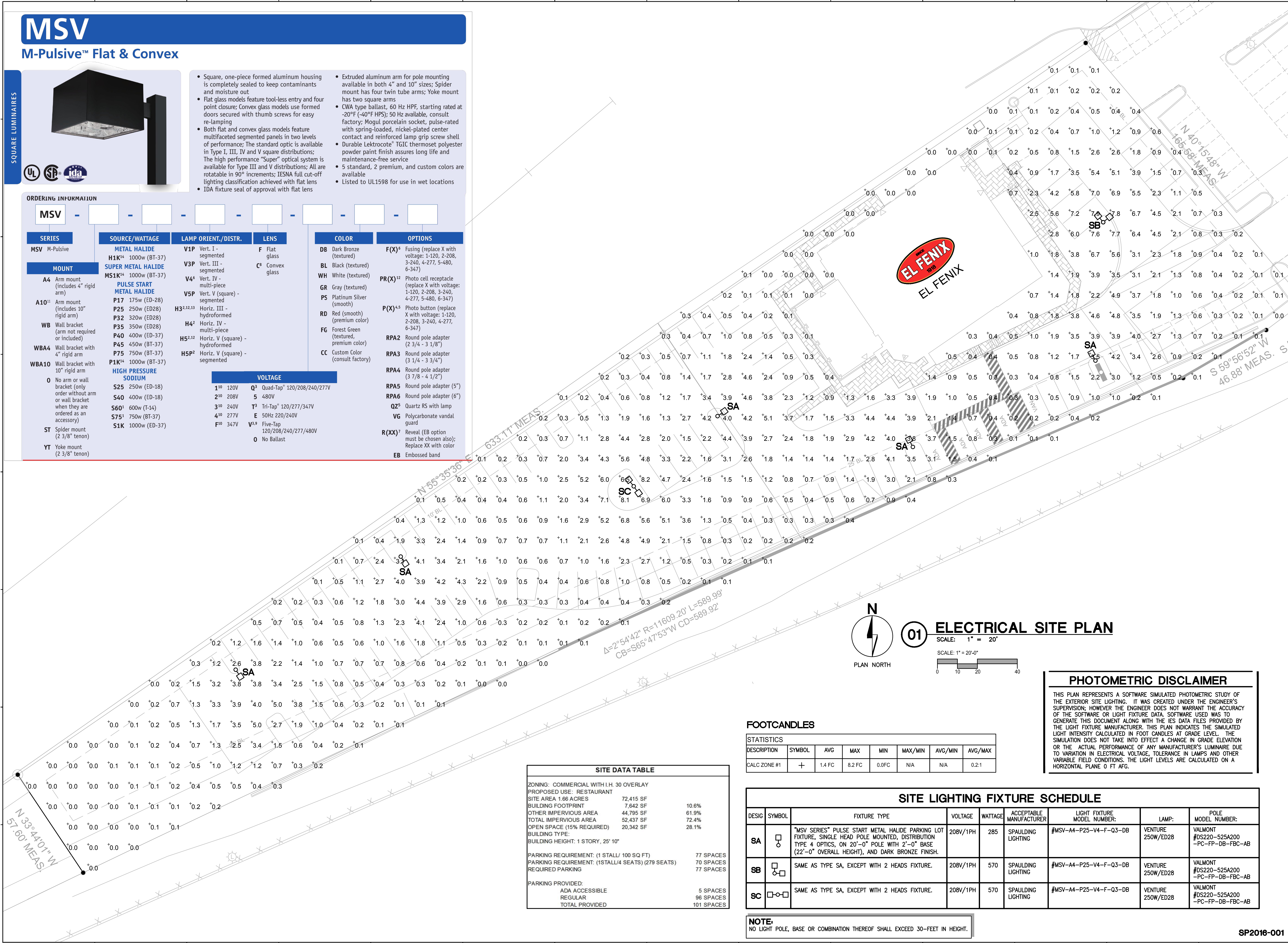
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NO REVISION

SITE PLAN SUBMITTAL 02/02/16

PROJECT NUMBER
150484

SHEET NUMBER
E002
PHOTOMETRIC PLAN
DATE OF THIS PRINTING - 01/29/16



01 ELECTRICAL SITE PLAN

SCALE: 1" = 20'-0"
0 10 20 40

PHOTOMETRIC DISCLAIMER

THIS PLAN REPRESENTS A SOFTWARE SIMULATED PHOTOMETRIC STUDY OF THE EXTERIOR SITE LIGHTING. IT WAS CREATED UNDER THE ENGINEER'S SUPERVISION; HOWEVER THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE SOFTWARE OR LIGHT FIXTURE DATA. SOFTWARE USED WAS TO GENERATE THIS DOCUMENT ALONG WITH THE IES DATA FILES PROVIDED BY THE LIGHT FIXTURE MANUFACTURER. THIS PLAN INDICATES THE SIMULATED LIGHT INTENSITY CALCULATED IN FOOT CANDLES AT GRADE LEVEL. THE SIMULATION DOES NOT TAKE INTO EFFECT A CHANGE IN GRADE ELEVATION OR THE ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD CONDITIONS. THE LIGHT LEVELS ARE CALCULATED ON A HORIZONTAL PLANE 0 FT AFG.

FOOTCANDLES

DESCRIPTION	SYMBOL	AVG	MAX	MIN	MAX/MIN	AVG/MIN	AVG/MAX
CALC ZONE #1	+	1.4 FC	8.2 FC	0.0 FC	N/A	N/A	0.2:1

SITE DATA TABLE

ZONING: COMMERCIAL WITH I.H. 30 OVERLAY	
PROPOSED USE: RESTAURANT	
SITE AREA 1.66 ACRES	72,415 SF
BUILDING FOOTPRINT	7,642 SF
OTHER IMPERVIOUS AREA	44,795 SF
TOTAL IMPERVIOUS AREA	52,437 SF
OPEN SPACE (15% REQUIRED)	20,342 SF
BUILDING TYPE:	
BUILDING HEIGHT: 1 STORY, 25' 10"	
PARKING REQUIREMENT: (1 STALL/ 100 SQ FT)	77 SPACES
PARKING REQUIREMENT: (1STALL/4 SEATS) (279 SEATS)	70 SPACES
REQUIRED PARKING	77 SPACES
PARKING PROVIDED:	
ADA ACCESSIBLE	5 SPACES
REGULAR	96 SPACES
TOTAL PROVIDED	101 SPACES

SITE LIGHTING FIXTURE SCHEDULE

DESIG	SYMBOL	FIXTURE TYPE	VOLTAGE	WATTAGE	ACCEPTABLE MANUFACTURER	LIGHT FIXTURE MODEL NUMBER:	LAMP:	POLE MODEL NUMBER:
SA	□	"MSV SERIES" PULSE START METAL HALIDE PARKING LOT FIXTURE, SINGLE HEAD POLE MOUNTED, DISTRIBUTION TYPE 4 OPTICS, ON 20'-0" POLE WITH 2'-0" BASE (22'-0" OVERALL HEIGHT), AND DARK BRONZE FINISH.	208V/1PH	285	SPAULDING LIGHTING	#MSV-A4-P25-V4-F-Q3-DB	VENTURE 250W/ED28	VALMONT #DS220-525A200 -PC-FP-DB-FBC-AB
SB	□	SAME AS TYPE SA, EXCEPT WITH 2 HEADS FIXTURE.	208V/1PH	570	SPAULDING LIGHTING	#MSV-A4-P25-V4-F-Q3-DB	VENTURE 250W/ED28	VALMONT #DS220-525A200 -PC-FP-DB-FBC-AB
SC	□-□	SAME AS TYPE SA, EXCEPT WITH 2 HEADS FIXTURE.	208V/1PH	570	SPAULDING LIGHTING	#MSV-A4-P25-V4-F-Q3-DB	VENTURE 250W/ED28	VALMONT #DS220-525A200 -PC-FP-DB-FBC-AB

NOTE:
NO LIGHT POLE, BASE OR COMBINATION THEREOF SHALL EXCEED 30'-FEET IN HEIGHT.

SP2016-001

0101-STUDYING
0101-BUILDING
0101-ARCHITECTURE
0101-ENGINEERING
0101-ELECTRICAL
0101-MECHANICAL
0101-PLUMBING
0101-ROOFING
0101-STRUCTURAL
0101-UTILITY
0101-VEGETATION
0101-WATER

BUILDING LIGHTING SPECIFICATIONS



El Fenix
Rockwall, TX
SP 2016-001



TYPE "B2" EL FENIX ROCKWALL PATIO AND TOWER LIGHTING

HALO Commercial

DESCRIPTION

Recessed 6 inch aperture lens downlight for one horizontal 26W double twin tube or 26/32/42W triple twin tube compact fluorescent lamp. Fixture is suitable for commercial construction and wet location listed. Insulation must be kept 3" from top and sides of housing. Universal input electronic ballast with dimming and emergency options.

SPECIFICATION FEATURES

MECHANICAL

Frame

Boat shaped galvanized steel frame with 1/2" plaster lip accommodates ceilings up to 2" thick. May be used for new construction or remodeling installations. Provided with (2) remodel clips to secure frame when installed from below the ceiling.

Mounting Brackets

Bar hanger receivers adjusts 2" vertically from above the ceiling or thru the aperture. Use with No Fuss™ bar hangers or with 1/2" EMT. Removable to facilitate installation from below the ceiling.

No Fuss™ Bar Hangers

Pre-installed and centered bar hanger locks to tee grid with a screwdriver or pliers. Centering marks on the bar hanger mechanism allows consistent positioning of fixtures.

OPTICAL

Reflector

One piece aluminum reflector secures lens in place with integrated spring clips for a visually comfortable optic and allows for tool-less lens exchange from below the ceiling. Available with clear, diffuse, prismatic, fresnel or drop opal glass lens. Optional cross blade louver provides sharper cutoff to lamp. Self flanged standard.

- **Specular Reflectors** - Polished flange standard with white painted flange option.
- **Baffles and White Reflector** - White painted flange standard.

Trim Retention

Reflector is retained with two torsion springs and held tightly to the finished ceiling surface.

ELECTRICAL

Junction Box

(6) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Listed for (12) #12 AWG (six in, six out) 90°C conductors and feed thru branch wiring.

Lamp Socket

4-pin G24q base accepts (1) 26W DTT or 26/32/42W TTT lamp.

Socket Housing

Galvanized steel socket housing attached securely to reflector with captive thumbscrew. Vents provide effective lamp thermal management.

Control Gear

Universal 120V - 277V UNV or 347V input electronic ballast for 26/32/42W compact fluorescent lamp.

Emergency Battery Pack

REM – Remote emergency test switch. Housing includes 120V/277V, 60Hz dual-tap battery pack provides 90 minutes of emergency illumination. Long life maintenance free sealed nickel cadmium batteries recharge fully in 24 hours. REM configuration includes prewired and attached remote test switch plate and indicator light. REM option is the standard emergency configuration, and is compatible with all standard reflector options, ordered separately.

IEM – Integral emergency test switch. Housing includes 120V/277V, 60Hz dual-tap battery pack provides 90 minutes of emergency illumination. Long life maintenance free sealed nickel cadmium batteries recharge fully in 24 hours. IEM configuration includes a prewired integral emergency test switch and indicator light that are both accessible inside the reflector. The IEM option requires "EM" designated reflectors only, ordered separately.

Emergency Battery Pack - Average Lamp Lumen Ratings

REM option: 26W 425lm, 32W 600lm, 42W 750lm

IEM option: 26W 810lm, 32W 910lm, 42W 1040lm

(Note: average lamp lumens are based upon REM and IEM manufacturer ratings. Delivered lumens depend upon trim; refer to trim photometry to factor delivered lumens).

Code Compliance

- ENERGY STAR® listed for commercial applications, reference database for current listings.
- Thermally protected and cULus listed for wet locations.
- IP44 rated for lens trims.
- NFPA Life Safety (Emergency Battery Pack).
- EMI/RFI per FCC Title 47 CFR, Part 18, non consumer limits.
- Peel down wattage label from 42W to 32W and 26W. Allows de-rating to set max. relamp wattage per project specifications (multi-wattage housing only).
- DR - De-rated label housings are wattage specific for 26/32W or 26W.
- High efficacy luminaire may be used to meet IECC, ASHRAE, and Title 24 commercial standards.

Catalog #		Type
Project		
Comments		Date
Prepared by		



**PD6H142
62H**

**(1) 26W DTT
26/32/42WTTT**

Compact Fluorescent

**6-Inch Aperture
Lens Downlight**

**New Construction or
Remodel
Non-IC**

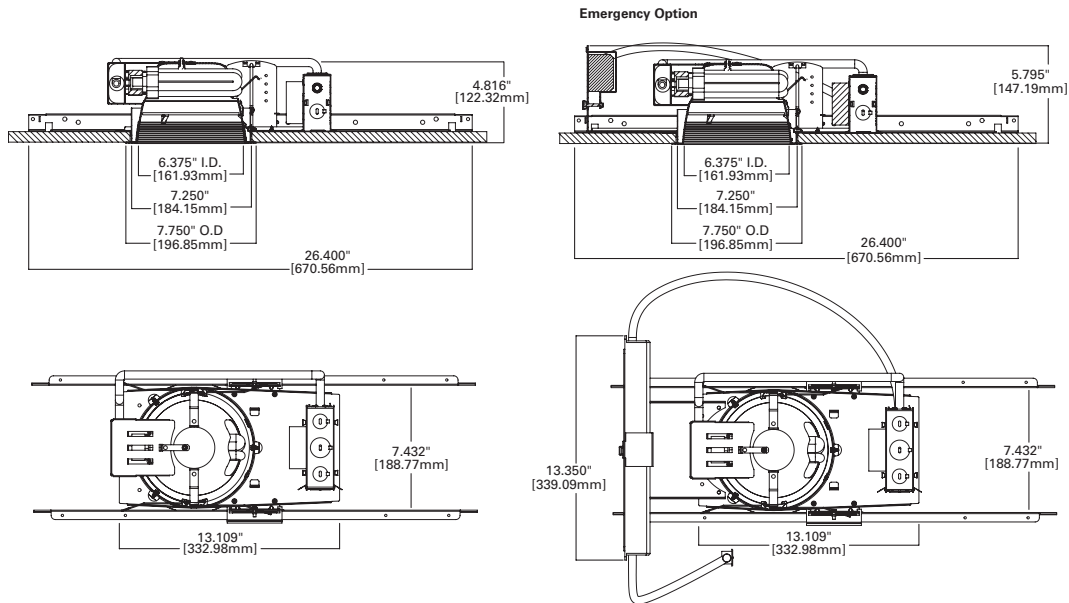


ENERGY DATA

PD6H142E, PD6CPH142E	
MIN. STARTING TEMP -5°F / -20°C	SOUND RATING CLASS A
EMI/RFI EMISSIONS FCC 47CFR PART 18 NON-CONSUMER LIMITS	
INPUT FREQUENCY 50/60 Hz	POWER FACTOR > 0.98
THD < 10%	INPUT VOLTAGE 120V - 277V ±10%
CREST FACTOR < 1.7	
OPERATING FREQUENCY > 40kHz	
CFQ26W/G24Q	Input Power 28W
	INPUT CURRENT 0.50A @ 120V
	Input Current 0.22A @ 277V
	Ballast factor 1.00
CFTR26W/GX24Q	Input Power 28W
	INPUT CURRENT 0.50A @ 120V
	Input Current 0.22A @ 277V
	Ballast factor 1.00
CFTR32W/GX24Q	Input Power 35W
	INPUT CURRENT 0.50A @ 120V
	Input Current 0.22A @ 277V
	Ballast factor .98
CFTR42W/GX24Q	Input Power 45W
	INPUT CURRENT 0.50A @ 120V
	Input Current 0.22A @ 277V
	Ballast factor .96

PD6H1423E	
MIN. STARTING TEMP 0°F / -18°C	SOUND RATING CLASS A
EMI/RFI EMISSIONS FCC 47CFR PART 18 NON-CONSUMER LIMITS	
INPUT FREQUENCY 60 Hz	POWER FACTOR > 0.98
THD < 10%	INPUT VOLTAGE 347VAC ±10%
OPERATING FREQUENCY 50-60 kHz	
CFQ26W/G24Q	Input Power 31W
	INPUT CURRENT 0.09A @ 347V
	Ballast factor 1.02
	Crest factor < 1.6
CFTR26W/GX24Q	Input Power 31W
	INPUT CURRENT 0.09A @ 347V
	Ballast factor 1.02
	Crest factor < 1.6
CFTR32W/GX24Q	Input Power 36W
	INPUT CURRENT 0.11A @ 347V
	Ballast factor 0.98
	Crest factor < 1.5
CFTR42W/GX24Q	Input Power 50W
	INPUT CURRENT 0.15A @ 347V
	Ballast factor 1.00
	Crest factor < 1.5

DIMENSIONS



TYPE "B2" EL FENIX ROCKWALL PATIO AND TOWER ACCENT

ORDERING INFORMATION

SAMPLE NUMBER: PD6H142E 62H1GC

Order housing, reflector and lamp separately for a complete luminaire.

<p>Housing Multi-Wattage PD6H142 = 6 Inch horizontal (1) 26/32/42W DTT/TTT CFL</p> <p>PD6CPH142 = 6 Inch horizontal (1) 26/32/42W DTT/TTT CFL, CCEA listed (Chicago Plenum)</p> <p>De-Rated Label PD6H132 = 6 Inch horizontal (1) 26/32W DTT/TTT CFL</p> <p>PD6CPH132 = 6 Inch horizontal (1) 26/32W DTT/TTT CFL, CCEA listed (Chicago Plenum)</p> <p>PD6H126 = 6 Inch horizontal (1) 26W DTT/TTT CFL</p> <p>PD6CPH126 = 6 Inch horizontal (1) 26W DTT/TTT CFL, CCEA listed (Chicago Plenum)</p>	<p>Reflector 62H = 6" horizontal 62HEM = 6" horizontal, Emergency (required with IEM ballast option)</p>	<p>Regressed Lens Option 1G=Prismatic Glass 2G=Diffuse Glass 3G=Clear Glass 4G=Fresnel Glass</p>	<p>Finish Option C=Specular Clear G=Specular Gold H=Semi Specular Clear W=White (White Flange) BB=Black Baffle (White Flange) WB=White Baffle (White Flange)</p>	<p>Flange Option Blank=Polished Flange (C, G, H) Blank=White flange (W, BB, WB) WF=White Flange (C, G, H)</p>	<p>Accessories HB128APK = L channel hanger bar, 26", 'No-Fuss', pair (replacement) RMB22 = 22" long wood joist mounting bars</p>
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Note:

1 "DF" trim option includes Specular Clear (C) reflector and white polymer flange only. No other finish or flange options apply.
2 "DF" trim option not available with "IEM" emergency.

Ballast Option

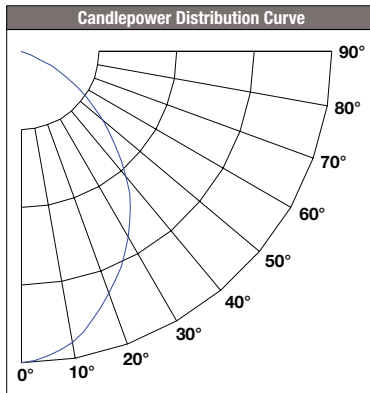
E = 120V - 277V 50/60Hz UNV
REM = 120V/277V 60Hz dual-tap emergency battery ballast with remote test switch plate
3E = 347V, 50/60Hz
1DMARKX = 5% two-wire (26/32/42W) dimming, 120V
2DMARKX = 5% two-wire (26/32/42W) dimming, 277V
EDMARK7 = 5% 0-10V discrete two-wire (26/32/42W) dimming, 120-277V
1DMARKXREM = 5% two-wire (26/32/42W) dimming, 120V; with REM emergency option
2DMARKXREM = 5% two-wire (26/32/42W) dimming, 277V; with REM emergency option
EDMARK7REM = 5% 0-10V discrete two-wire (26/32/42W) dimming, 120-277V; with REM emergency option

Integral Emergency Ballast Option

IEM = 120/277V 60Hz dual-tap, Integral Emergency battery ballast with test switch through reflector*
1DMARKXIEM = 5% two-wire (26/32/42W) dimming, 120V; with IEM emergency option*
2DMARKXIEM = 5% two-wire (26/32/42W) dimming, 277V; with IEM emergency option*
EDMARK7IEM = 5% 0-10V discrete two-wire (26/32/42W) dimming, 120-277V; with IEM emergency option*
*Requires "EM" reflectors only, ordered separately

PHOTOMETRY

PD6H142E-62H1GC_32TTT
Spacing Criteria = 1.06
Lumens per Watt = 37 LpW
Test No. P31232
Test Model: PD6H142E-62H1GC_32TTT



Candela Distribution	
Degrees Vertical	Candela
0*	716
5	704
15	637
25	545
35	438
45	308
55	183
65	77
75	2
85	0
90	0

*CBCP

Luminance	
(Average Candela/M ²)	
Degree	Avg. 0° Luminance
45	17667
55	11937
65	6033
75	204
85	0

Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	24	5.5	6
7'	15	7	7.6
8'	11	8	8.7
9'	9	9	9.7
10'	7	10	10.8
12'	5	12.1	13
14'	4	14.1	15.2

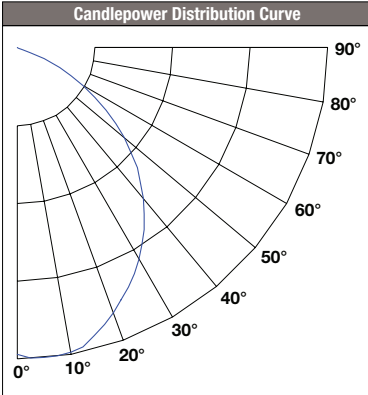
Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot. Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	485.52	20.20	37.60
0-40	759.65	31.70	58.90
0-60	1192.24	49.70	92.40
0-90	1290.73	53.80	100.00

TYPE "B2" EL FENIX ROCKWALL PATIO AND TOWER ACCENT

PHOTOMETRY

PD6H142E-62H1GC_42TTT
 Spacing Criteria = 1.20
 Lumens per Watt = 32 LpW
 Test No. P31411
 Test Model: PD6H142E-62H1GC_42TTT



Candela Distribution	
Degrees Vertical	Candela
0*	727
5	736
15	710
25	628
35	531
45	407
55	261
65	110
75	3
85	0
90	0

*CBCP

Luminance (Average Candela/M ²)	
Degree	Avg. 0° Luminance
45	21749
55	15898
65	8076
75	288
85	0

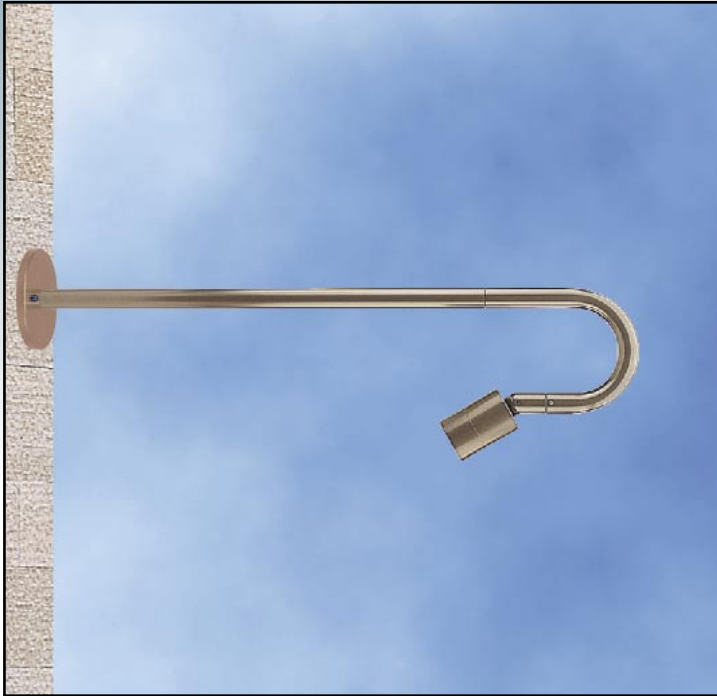
Cone of Light Footcandles			
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam (ft.)	
		L Length	W Width
5.5'	24	5.8	6.2
7'	15	7.4	7.9
8'	11	8.5	9
9'	9	9.5	10.2
10'	7	10.6	11.3
12'	5	12.7	13.6
14'	4	14.8	15.8

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
 Footcandle values are initial, apply appropriate light loss factors where necessary.

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Fixture
0-30	518.55	16.20	36.60
0-40	813.99	25.40	57.50
0-60	1299.25	40.60	91.80
0-90	1415.36	44.20	100.00

TYPE "J" EL FENIX ROCKWALL ACCENT LIGHTING/AWNING LIGHTS

Sign Star™ Style 'B'

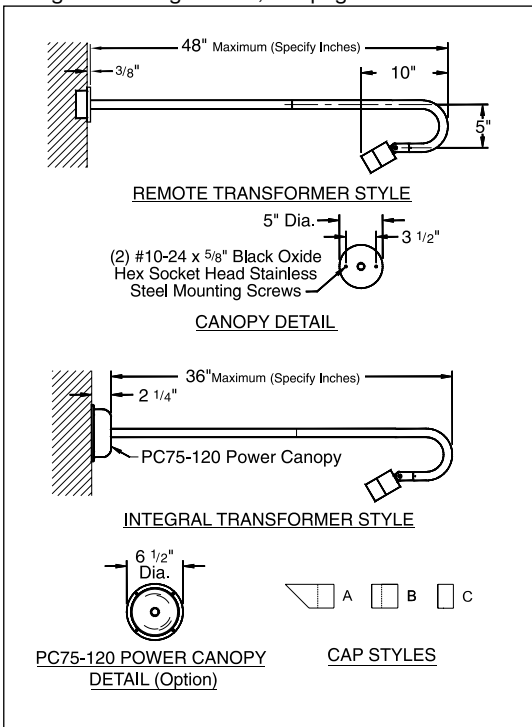


Sign Star™ Style 'B' will add its own unique architectural look to any sign lighting application. The contemporary styling can mount unobtrusively to most building facades. By specifying the rectilinear lens, the lighting designer can produce rectangular geometry on most signage. The one inch machined-aluminum stem and Nite Star™ fixture will provide years of trouble free performance. Sign Star can be specified for either remote or integral transformer applications and can be aimed in either an up or down lighting position. It is available in three cutoff styles: A, B, and C.

Features

- Tamper proof design.
- 1" diameter machined aluminum stem with stainless steel hardware.
- Aluminum canopy. (Box gasket by others.)
- Utilizes machined aluminum Nite Star™.
- & Listed with MR16 lamps to 50 watts.
- For remote transformers, see page 97.

Sign Star Design Guide, see pages 124 and 125.



See page 96 for additional Power Canopy details.

CATALOG NUMBER LOGIC

Example: SN - 8 - WHW - 9 - 11 - A - 30" - B - PC75-120

Series SN

Lamp Type 8

0 - By others	16 - EYS(42W), 25° N. Flood
1 - ESX(20W), 12° Spot	17 - EYP(42W), 40° Flood
2 - BAB(20W), 40° Flood	6 - EXT(50W), 13° Spot
3 - FRB(35W), 12° Spot	7 - EXZ(50W), 26° N. Flood
4 - FRA(35W), 23° N. Flood	8 - EXN(50W), 40° Flood
5 - FMW(35W), 40° Flood	9 - FNV(50W), 60° W. Flood
15 - EYR(42W), 12° Spot	

Finish

Powder Coat Color	Satin	Wrinkle
Bronze	BZP	BZW
Black	BLP	BLW
White(Gloss)	WHP	WHW
Aluminum	SAP	---
Verde	---	VER

Lens Type 9 - Clear (Standard), 10 - Spread, 12 - Soft Focus, 13 - Rectilinear

Shielding 11 - Honeycomb Baffle

Cap Style A - 45°, B - 90°, C - Flush (Standard)

Projection From Wall (Specify Inches) 30"

Style B - 180° Radius

Options PC75-120 - Power Canopy™ with 75VA Transformer (For use with maximum 36" length.)



WPLED26



LED 26W Wallpacks. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze

Weight: 7.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 0.26A
208V: 0.16A
240V: 0.14A
277V: 0.12A
Input Watts: 30W
Efficiency: 88%

LED Info

Watts: 26W
Color Temp: 5000K (Cool)
Color Accuracy: 70 CRI
L70 Lifespan: 100,000
Lumens: 2,662
Efficacy: 90 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated color temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -40°C.

Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The LPACK is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

Green Technology:

RAB LEDs are Mercury, Arsenic and UV free.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Electrical

Driver:

Multi-chip 26W high output long life LED Driver Constant Current, 720mA, Class 2, 6kV Surge Protection, 100V-277V, 50-60 Hz, 100-240V.4 Amps.

THD:

7.5% at 120V, 11% at 277V

Other

California Title 24:

See WPLED26/PC for a 2013 California Title 24 compliant model.

Equivalency:

The WPLED26 is Equivalent in delivered lumens to a 175W Metal Halide Wallpack.

HID Replacement Range:

The WPLED26 can be used to replace 150 - 200W Metal Halide Wallpacks based on delivered lumens.

Patents:

The WPLED design is protected by U.S. Pat. D634878, Canada Pat 134878, China Pat. CN301649064S.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Country of Origin:

Designed by RAB in New Jersey and assembled in Taiwan.

Trade Agreements Act Compliant:

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Optical

BUG Rating:

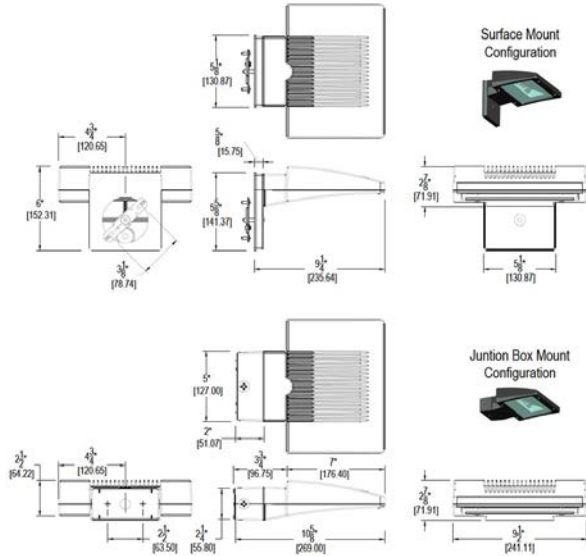
B1 U0 G0

TYPE "K" EL FENIX ROCKWALL SERVICE AREA

WPLED26



Dimensions



Features

- High performance LED light engine
- Maintains 70% of initial lumens at 100,000 hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- 100 up to 277 Volts
- 5-year warranty

Ordering Matrix

Family	Watts	Color Temp	Sensor	Surface Plate	Finish	Photocell	Dimming
WPLED	26 = 26W	= Cool Y = Warm N = Neutral	= No Sensor MS = Mini Sensor	= No Surface Plate S = Surface Plate	= Bronze W = White	= No Photocell /PC = 120V Button /PCS = 120V Swivel /PC2 = 277V Button	= No Dimming /D10 = Dimmable

TYPE "S" EL FENIX ROCKWALL DECORATIVE WALL SCONCE

KICHLER.

style to live by™



Mount Vernon Collection

Mount Vernon 1 Light Outdoor Wall Light - OZ 9709OZ (Olde Bronze)

Product Description:

With its simple yet bold shape, the Mount Vernon Collection adds a touch of rustic flavor to the American home. Our Olde Bronze finish over solid brass gives an aged look to the piece, while the seeded glass panels provide additional texture and complete the Mount Vernon's antique profile making it the perfect balance of form and function. Add a beautiful accenting touch to the front of your home with this 19 1/2" high, one light wall lantern. It uses a 150-watt (max.) bulb and is U.L. listed for wet locations.

Available Finishes

Olde Bronze
Black (Painted)
Olde Bronze

Technical Information

Weight:	5.7
Safety Rated:	Wet
HCWO:	7.25
Base Backplate:	6.50 X 4.50
Color Rendering Index:	>80
Color Temperature Range:	3000
Expected Life Span:	20000 Hours
Height:	19.50"
Width:	9.50"
Extension:	10.25"
Collection:	Mount Vernon Collection
Finish:	Olde Bronze

Project

Type

Ordering #

Comments

APPLICATIONS

- Malls, retail complexes, industrial sites or any large area lighting project where superior performance, design flexibility, and value are a must

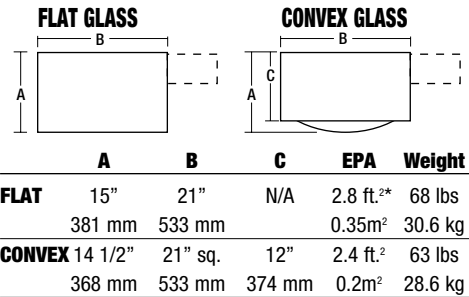
SPECIFICATIONS

- Lightweight, rugged, one-piece formed and welded aluminum for smooth wall construction and weatherproofing. Pre-drilled for arm mounting. Decorative embossed band and reveal colors available
- Extruded aluminum door frame with rigid corner bracing and die cast zinc latches for tool-free entry (flat glass lens). Formed aluminum doorframe (convex lens) with stainless steel, Knurled head thumb screw design for tool-free entry. Quality high temperature rated extruded silicone gasket seals out insects, dirt and moisture. Tempered flat glass lens provides impact and thermal shock resistance and a sharp full cutoff classification. Impact and thermal shock resistant convex lens provides improved light level uniformity and broadened luminaire spacing

- Vertical and horizontal lamp orientations available: IES types I, II, III, IV, and V distributions. V1P, V3P, V5P and H5P reflectors are fully segmented. V4 and H4 reflectors are multi-piece design. H3 and H5 reflectors are hydroformed. All reflectors are rotatable
- Spider mount has four twin-tube arms attaching housing to pole top fitter. Yoke mount has two square arms securing housing to pole top fitter
- Extruded aluminum arms in 4" and 10" lengths along with multiple adapters provide mounting flexibility.
- Mogul porcelain socket, pulse rated, with spring-loaded, nickel-plated center contact and reinforced lamp grip screw shell
- CWA type, HPF ballast, starting rated at -20°F (-40°F for HPS)
- Durable Lektrocote® TGIC thermoset polyester powder coat paint finish assures long life and maintenance-free service

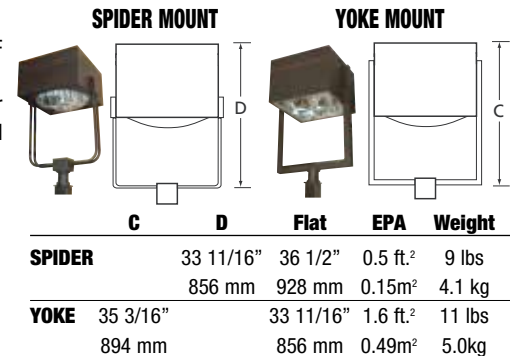
LISTINGS/CERTIFICATIONS

- Listed to UL1598 for use in wet locations
- IDA fixture seal of approval.



NOTE: EPA and weight values do not include mounting arm

* With the 4" arm the EPA is 2.8ft.².



ORDERING EXAMPLE: MSV-A4-P1K-V5P-F-5-DB-RPA4

ORDERING INFORMATION

SERIES	SOURCE/WATTAGE	LAMP ORIENT./DISTR.	LENS	COLOR	OPTIONS
MSV M-Pulsive	METAL HALIDE H1K ¹⁴ 1000w (BT-37) SUPER METAL HALIDE MS1K ¹⁴ 1000w (BT-37) PULSE START METAL HALIDE P17 175w (ED-28) P25 250w (ED28) P32 320w (ED28) P35 350w (ED28) P40 400w (ED-37) P45 450w (BT-37) P75 750w (BT-37) P1K ¹⁴ 1000w (BT-37) HIGH PRESSURE SODIUM S25 250w (ED-18) S40 400w (ED-18) S60 ¹ 600w (T-14) S75 ¹ 750w (BT-37) S1K 1000w (ED-37)	V1P Vert. I - segmented V3P Vert. III - segmented V4 ⁶ Vert. IV - multi-piece V5P Vert. V (square) - segmented H3 ^{2,12,13} Horiz. III - hydroformed H4 ² Horiz. IV - multi-piece H5 ^{2,12,13} Horiz. V (square) - hydroformed H5P ² Horiz. V (square) - segmented	F Flat glass C ⁸ Convex glass	DB Dark Bronze (textured) BL Black (textured) WH White (textured) GR Gray (textured) PS Platinum Silver (smooth) RD Red (smooth) (premium color) FG Forest Green (textured, premium color) CC Custom Color (consult factory)	F(X) ⁶ Fusing (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347) PR(X) ¹² Photo cell receptacle (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347) P(X) ^{4,5} Photo button (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 6-347) RPA2 Round pole adapter (2 3/4 - 3 1/8") RPA3 Round pole adapter (3 1/4 - 3 3/4") RPA4 Round pole adapter (3 7/8 - 4 1/2") RPA5 Round pole adapter (5") RPA6 Round pole adapter (6") QZ ⁵ Quartz RS with lamp VG Polycarbonate vandal guard R(XX) ⁷ Reveal (EB option must be chosen also); Replace XX with color
MOUNT					
A4 Arm mount (includes 4" rigid arm)					
A10 ¹¹ Arm mount (includes 10" rigid arm)					
WB Wall bracket (arm not required or included)					
WBA4 Wall bracket with 4" rigid arm					
WBA10 Wall bracket with 10" rigid arm					
0 No arm or wall bracket (only order without arm or wall bracket when they are ordered as an accessory)					
ST Spider mount (2 3/8" tenon)					
YT Yoke mount (2 3/8" tenon)					
			VOLTAGE		
			1 ¹⁰ 120V Q ³ Quad-Tap® 120/208/240/277V		
			2 ¹⁰ 208V 5 480V		
			3 ¹⁰ 240V T ³ Tri-Tap® 120/277/347V		
			4 ¹⁰ 277V E 50Hz 220/240V		
			F ¹⁰ 347V V ^{3,9} Five-Tap 120/208/240/277/480V		
			0 No Ballast		

1 Must specify Q, 5, or T voltage. Available voltage tap on ballast may vary from catalog; **Must specify wiring prep with options**
 2 Flat lens configurations only for horizontal lamp orientation
 3 Factory wired for highest voltage unless specified
 4 400w maximum
 5 Not available with 50 Hz ballast, 600w and 750w HPS, and convex lens with 1000w HPS
 6 Not available with convex lens and 1000w HPS or 1000w with yoke or spider mount

7 Reveal selection requires EB - embossed band option
 8 Vertical lamp only
 9 Only available with 400w, 350w, 320w, and 250w
 10 Only available with 1000w PSMH, 600w HPS, and 750w HPS
 11 Required for 90° and 120° configurations
 12 Not available with 1000w yoke or spider mount
 13 Not available with 1000w H1K, MS1K, P1K, S1K
 14 GE or Sylvania BT37 lamps recommended for horizontal distributions

NOTE: All poles to be drilled with #2 pattern

SPECIFICATIONS

HOUSING Die-formed rectilinear housing to have continuous corner welds creating a seamless one-piece enclosure. Housing material to be heavy gauge low copper aluminum alloy. Door assembly to recess completely within luminaire housing creating evenly spaced reveal and floating door appearance.

DOOR/LENS **FLAT LENS DESIGN:** Extruded aluminum doorframe for tempered flat glass lens design to have 45° miter cut corners with internal corner key brackets for rigid support. Finish to be anodized with natural aluminum color. Tool-free entry design provided by corrosion-resistant, spring-loaded die cast zinc thumb latches (one per corner). Extruded silicone gasket profile to positively seal tempered glass lens to doorframe and doorframe to luminaire housing ensuring a contaminant free environment. Complete removal of the door assembly is achievable without tools. **CONVEX LENS DESIGN:** Die formed aluminum doorframe with impact and thermal-shock resistant convex lens, vulcanized one-piece extruded silicone gasket, and tool-free entry with two Knurled head stainless steel screws. Two additional corrosion-resistant treated screws provide door hinging and two additional points of attachment for equal gasket compression. Matching TGIC thermoset polyester powder paint finish to match the luminaire housing color.

MSV EPA VALUES

Mounting Logic for Pole	Configuration	Flat Lens w/ 4" Arm	Flat Lens w/ 10" Arm	Convex Lens w/ 4" Arm	Convex Lens w/ 10" Arm
A	SINGLE	2.8	3	2.5	2.7
B	TWIN AT 90°	N/A	5.3	N/A	4.7
C	TWIN AT 180°	5.6	6	5	5.4
D	TRIPLE AT 90°	N/A	8.6	N/A	7.5
E	TRIPLE AT 120°	N/A	8.4	7.1	7.3
F	QUAD AT 90°	N/A	8.8	N/A	7.7

ACCESSORIES

(Must be ordered separately. For field installation.)

Catalog #	Description
MSV-FGGS-2	Extreme Glare Shield for flat glass units only (mounts to housing); restricts lighting to any one side of fixture; black finish standard
MSV-IHS-H3	Internal house side shield (H3 distribution)
MSV-GS	Glare Shield for sag glass units only; restricts light to any one side of fixture, black finish standard
MSV-PVG	Polycarbonate Vandal Guard
FDMLH	Flush Mount Kit - direct mount luminaire hardware kit
F-RPA2-XX^{1,2}	Round Pole Adapter (2 ³ / ₄ - 3 ¹ / ₈ ")
F-RPA3-XX^{1,2}	Round Pole Adapter (3 ¹ / ₄ - 3 ³ / ₄ ")
F-RPA4-XX^{1,2}	Round Pole Adapter (3 ⁷ / ₈ - 4 ¹ / ₂ ")
F-RPA5-XX^{1,2}	Round Pole Adapter (5")
F-RPA6-XX^{1,2}	Round Pole Adapter (6")
WB-CR-XX¹	Wall Bracket
ARM-F-K-TA-XX¹	Tenon Arm (single) adjustable (2 ³ / ₈ " O.D. tenon)
ARM-F-TK-TA-XX¹	Tenon Arm (double 180°) adjustable (2 ³ / ₈ " O.D. tenon)
ARM-F-K-S-XX^{1,2}	Adjustable Arm
ARM-F-4-S-XX^{1,2}	4" Rigid Straight Arm
ARM-F-10-S-XX^{1,2}	10" Rigid Straight Arm
SETA-XX^{1,2}	4" Square Pole Tenon Adapter (4 @ 90°) (2 ³ / ₈ " OD tenon)
RETA-XX^{1,2}	4" Round Pole Tenon Adapter (4 @ 90°) (2 ³ / ₈ " OD tenon)
TETA-XX^{1,2}	Three sided Pole Tenon Adapter (3 @ 120°)

1 Replace **XX** with color choice, eg.: **DB** for Dark Bronze.

2 When ordering poles, specify Pole Drill Pattern #2.

MOUNTING The luminaire housing shall attach to all mounting hardware via two 1/2" diameter bolts/rods. Mounting options to include rigid arm assemblies, knuckled arm assemblies for flat surfaces, knuckled arm assemblies for 2³/₈" OD tenon, wall bracket adapter, and round pole adapters ensuring maximum luminaire versatility. All mounting accessories should include gasket between the housing and accessory.

OPTICS The luminaire should be available in both vertical and horizontal lamp orientations. All optical assemblies are to be field rotatable in 90° increments. All flat glass configurations are to be IES - Full Cutoff classified. Internal house side shielding to be available with horizontal Type III distribution and field installable.

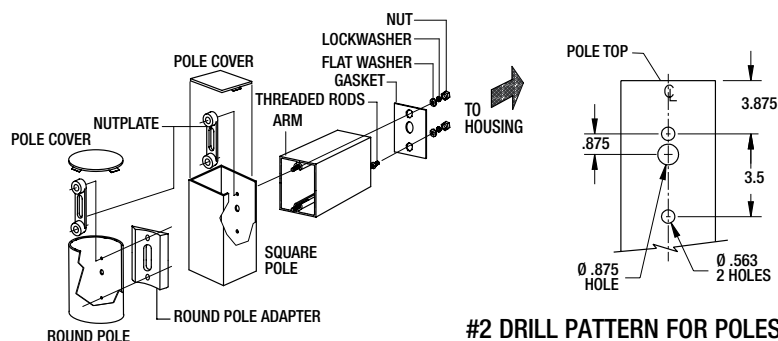
ELECTRICAL Available HID wattage range of 250 to 1000 watts from Metal Halide, Pulse Start Metal Halide, High Output Super Metal Halide, and High Pressure Sodium sources. Additional options include fusing, photocell cell control, and quartz restrike lamp.

FINISH TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness. Prior to painting all luminaires and mounting accessories should be thoroughly cleaned with acid and alkaline cleaners followed by the application of a chromate conversion coating.

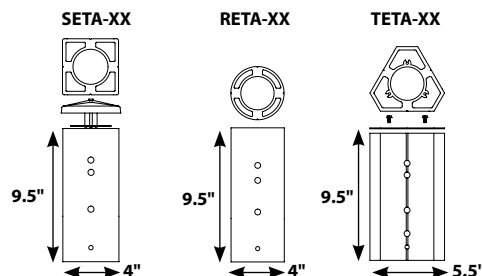
LISTINGS/CERTIFICATION UL1598 approved and CSA certified for outdoor use in wet locations

PHOTOCONTROL EQUIPMENT

CATALOG #	DESCRIPTION
PTL-1	Photocontrol - Twist-Lock Cell (120V)
PTL-8	Photocontrol - Twist-Lock Cell (120-277V)
PTL-5	Photocontrol - Twist-Lock Cell (480V)
PTL-6	Photocontrol - Twist-Lock Cell (347V)
PSC	Shorting Cap - Twist-Lock



#2 DRILL PATTERN FOR POLES



Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Spaulding Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

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