



360
STEWART + REINDERSMA
ARCHITECTURE, PLLC
5450 E. High Street, Suite 200
Phoenix, Arizona 85054
P. 480.515.5123
www.sra360.com

Christian Brothers
Automotive
5627 South Power Road
Mesa, AZ 85212

Christian Brothers
Automotive
17725 Katy Freeway, St. 200
Houston, TX 77054



Revisions

9/20/18 - Prototype Update

Project No. 18-070

Drawn By:

Date: 1/28/19

Sheet Title:

EXTERIOR ELEVATIONS

Drawing No.

A-4

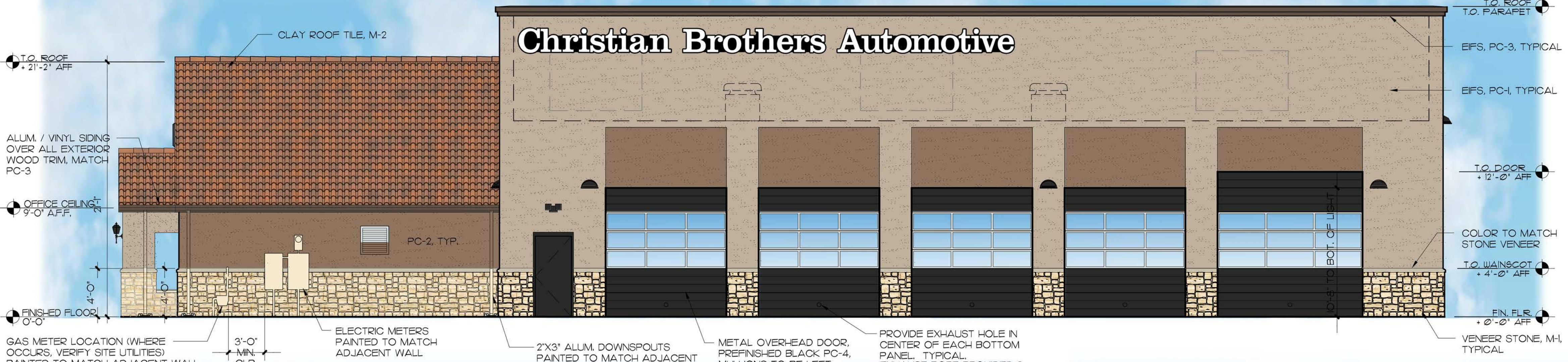
RH10S-09-2018

color/ material

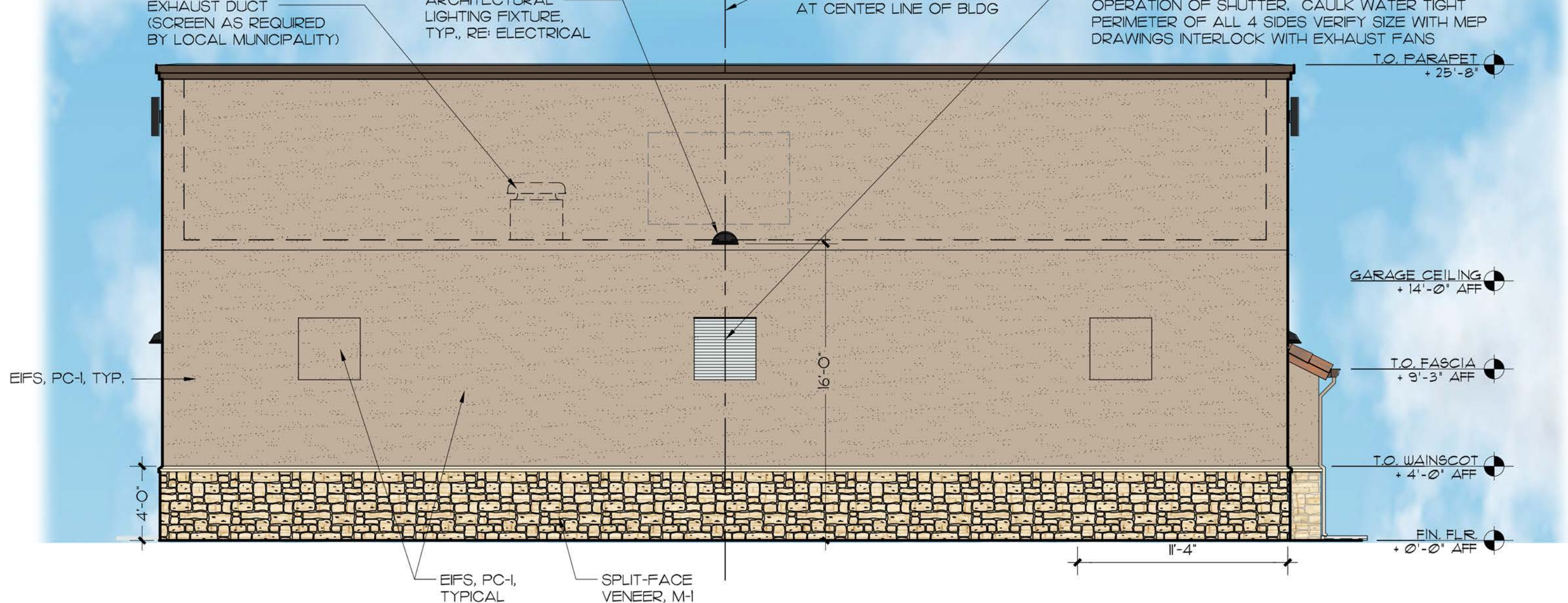
	COLOR	MATERIAL
PC-1	SW 6100 PRACTICAL BEIGE BY SHERWIN WILLIAMS	STUCCO / MEDIUM FINISH
PC-2	SW 6095 TOASTY BY SHERWIN WILLIAMS	STUCCO / FASCIA AND CORNICE
PC-3	SW 6090 JAVA BY SHERWIN WILLIAMS	STUCCO / MEDIUM FINISH
PC-4	COLOR: BLACK BY CLOPAY COMMERCIAL MODEL 3200	BAY DOORS / EXT. DOORS / HM FRAMES
M-1	SPLIT FACE VENEER IN RIVERA BEIGE: BY STONE SOURCE	SPLIT FACE VENEER
M-2	B333-R "RUSTIC SMOKE BLEND" VINTAGE EARTH TONE BLEND BY MCA SUPERIOR CLAY ROOF TILE	CLAY TILE



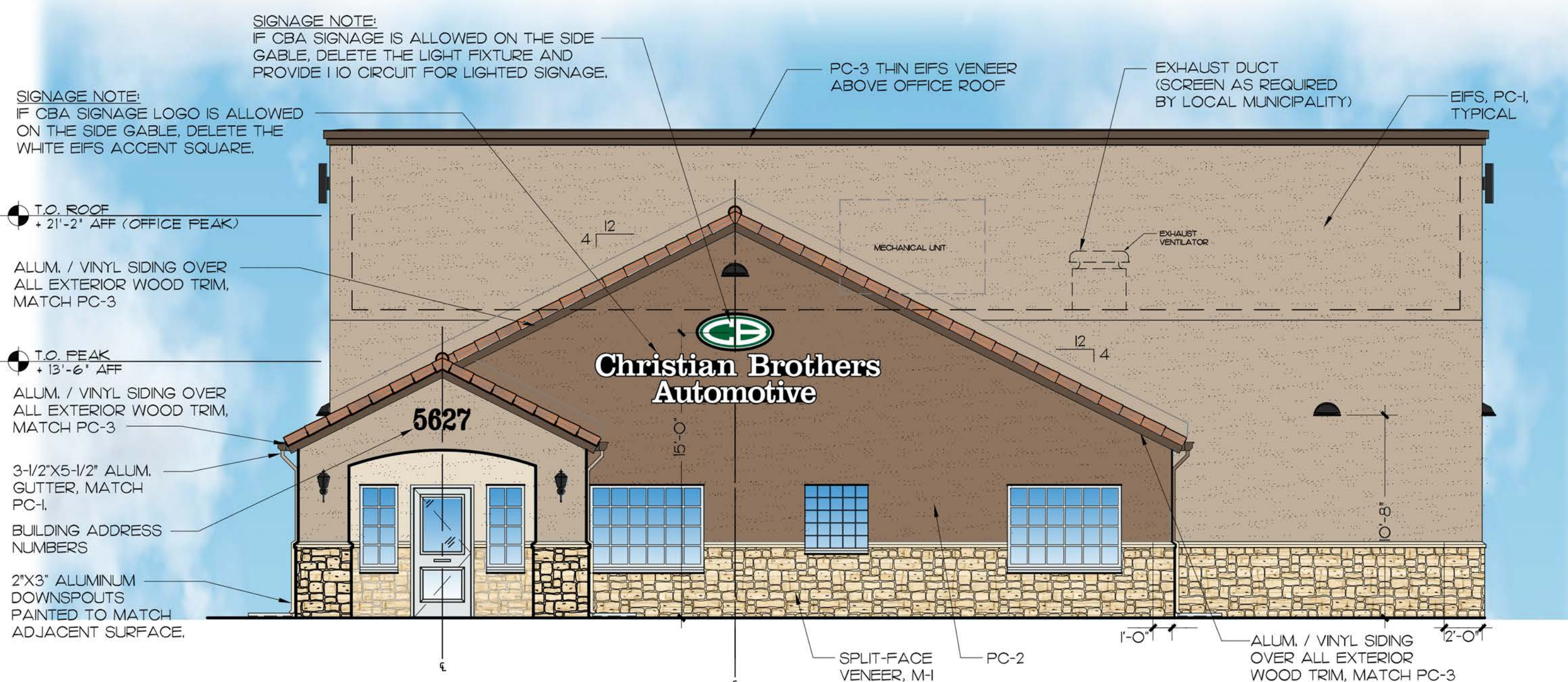
5 NORTH ELEVATION
SCALE: 3/16" = 1'-0"



4 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



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



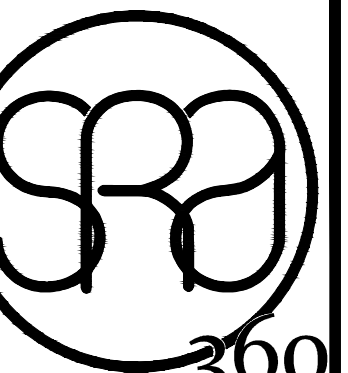
2 WEST ELEVATION
SCALE: 3/16" = 1'-0"

TYPICAL NOTES FOR ALL ELEVATIONS

1. 2'-0" BAND, JAMBS, HEADS OF DOORS AND WINDOWS, AND ACCENT IN GABLES AT ENTRY AND SIDE ELEVATIONS TO BE EFS COLOR M-8.
2. ALL MASONRY SURFACES ARE TO BE SPRAYED WITH WATER-PROOFING SEALER, PROSOCO INC. BLOCK GUARD AND GRAFFITI CONTROL #40093 - PH 800-255-4255
3. ALL DOWNSPOUTS ARE TO BE PAINTED TO MATCH THE COLOR OF THE WALL MATERIAL BEHIND IT.
4. ALL WOOD TRIM AT SOFFITS, EAVES, FASCIAS, RAKES, ETC. TO BE ALUMINUM OR VINYL SIDING OVER EXPOSED WOOD.
5. ALL EXTERIOR LIGHTS ARE TO BE ON PHOTO CELL. TYPICAL OF ALL ELEVATIONS.

PC-1	STUCCO	SW 6100 PRACTICAL BEIGE BY SHERWIN WILLIAMS
PC-2	STUCCO	SW 6095 TOASTY BY SHERWIN WILLIAMS
PC-3	STUCCO	SW 6090 JAVA BY SHERWIN WILLIAMS
PC-4	STUCCO	BLACK BY CLOPAY COMMERCIAL MODEL 3200
M-1	SPLIT FACE STONE VENEER	"RIVERA BEIGE" BY STONE SOURCE
M-2	CLAY ROOF TILE	"RUSTIC SMOKE BLEND" BY MCA SUPERIOR

- NOTES:
- ALL SIGNAGE TO BE REVIEWED AND APPROVED SEPARATELY.
 - HVAC AIR HANDLER IS LOCATED IN ATTIC. CONDENSER UNIT IS GROUND MOUNTED AS SHOWN. ALL ROOF PENETRATIONS ARE PAINTED BLACK.



STEWART + REINDERSMA
ARCHITECTURE, PLLC
5450 E. High Street, Suite 200
Phoenix, Arizona 85054
P: 480.515.5123
www.sra360.com

Christian Brothers
Automotive
5627 South Power Road
Mesa, AZ 85212

Christian Brothers
Automotive
17205 Katy Freeway, St. 200
Houston, TX 77094



Revisions

9/20/18 - Prototype Update

Project No. 18-070

Drawn By:

Date: 3/5/19

Sheet Title:

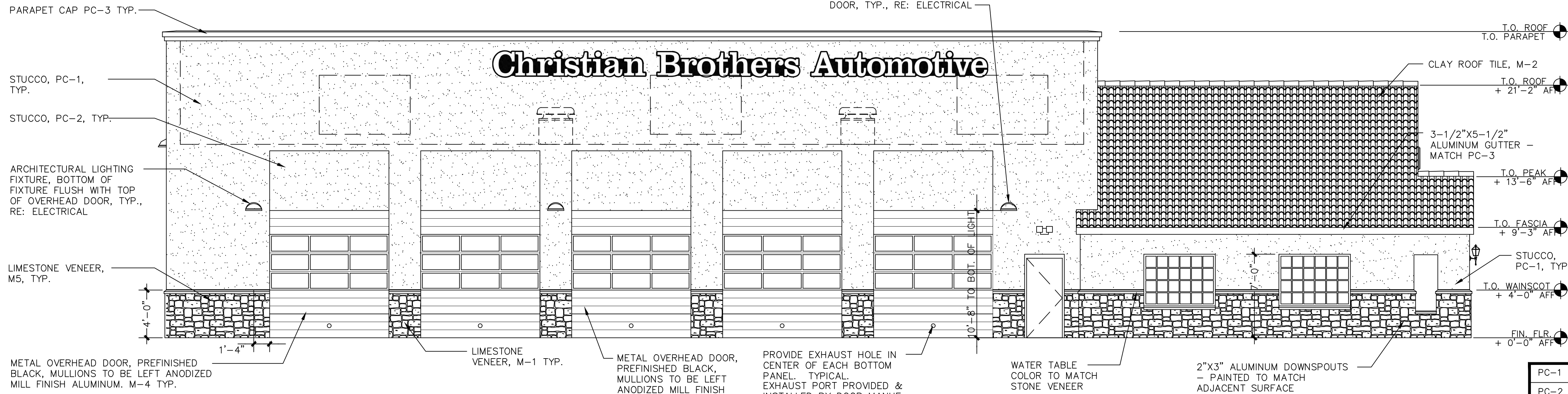
EXTERIOR
ELEVATIONS

Drawing No.

A-4

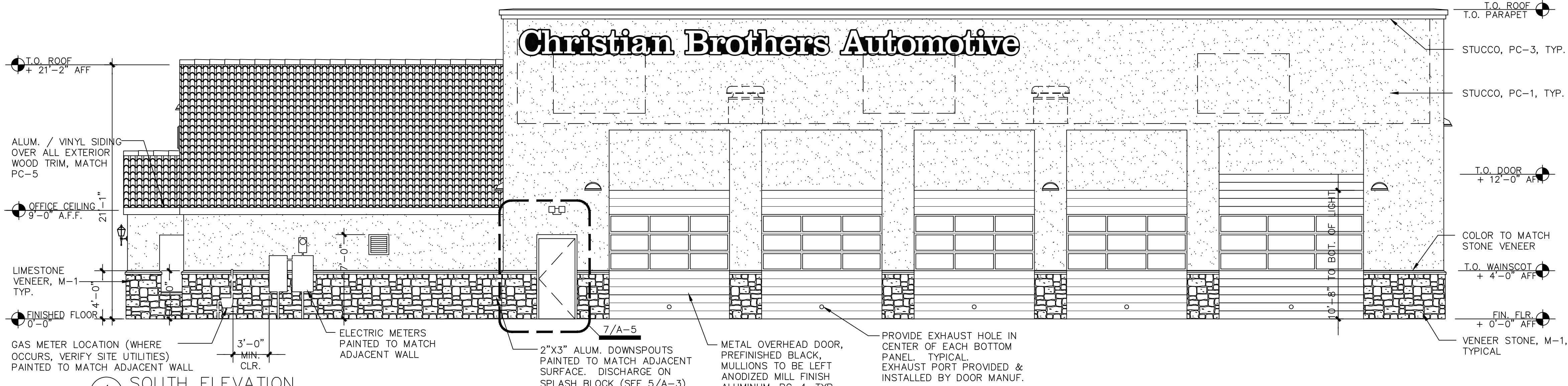
RH10S-09-2018

ARCHITECTURAL LIGHTING FIXTURE, BOTTOM OF FIXTURE FLUSH WITH TOP OF OVERHEAD DOOR, TYP., RE: ELECTRICAL

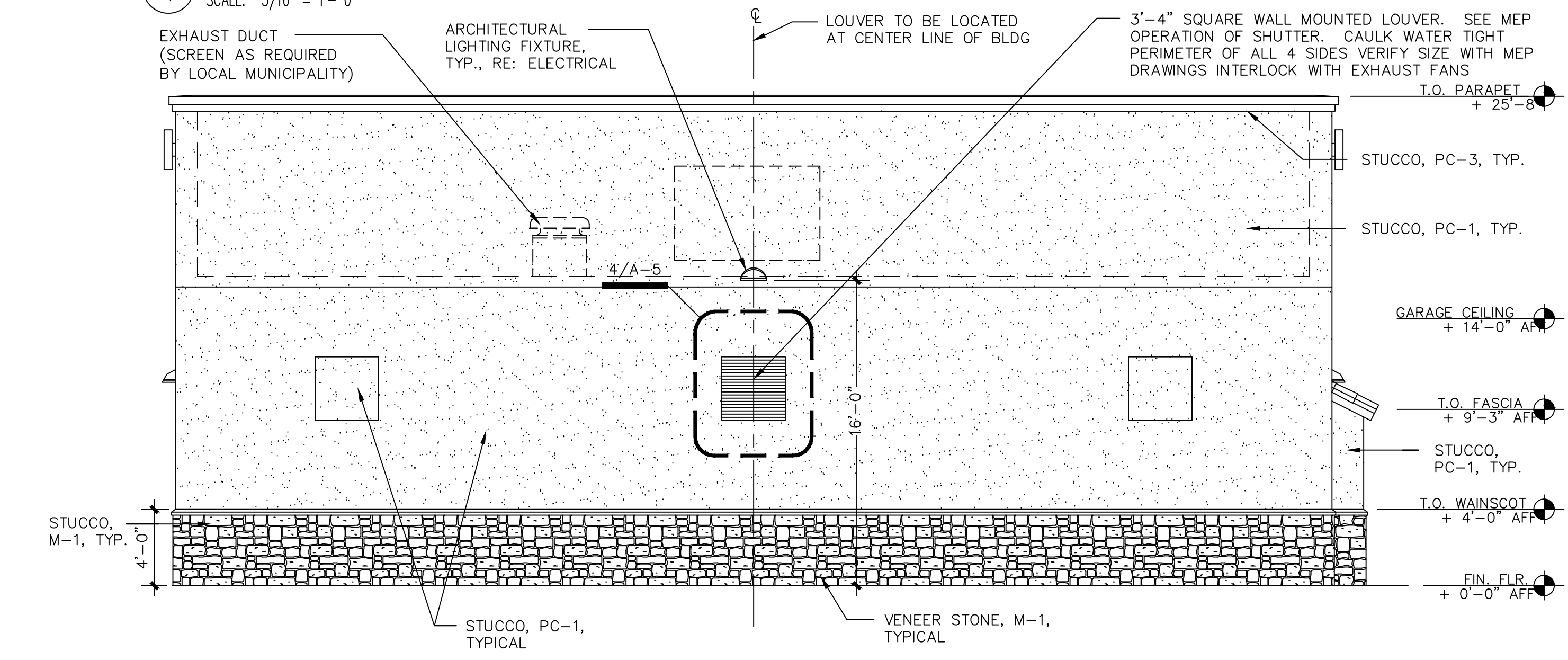


5 NORTH ELEVATION
SCALE: 3/16" = 1'-0"

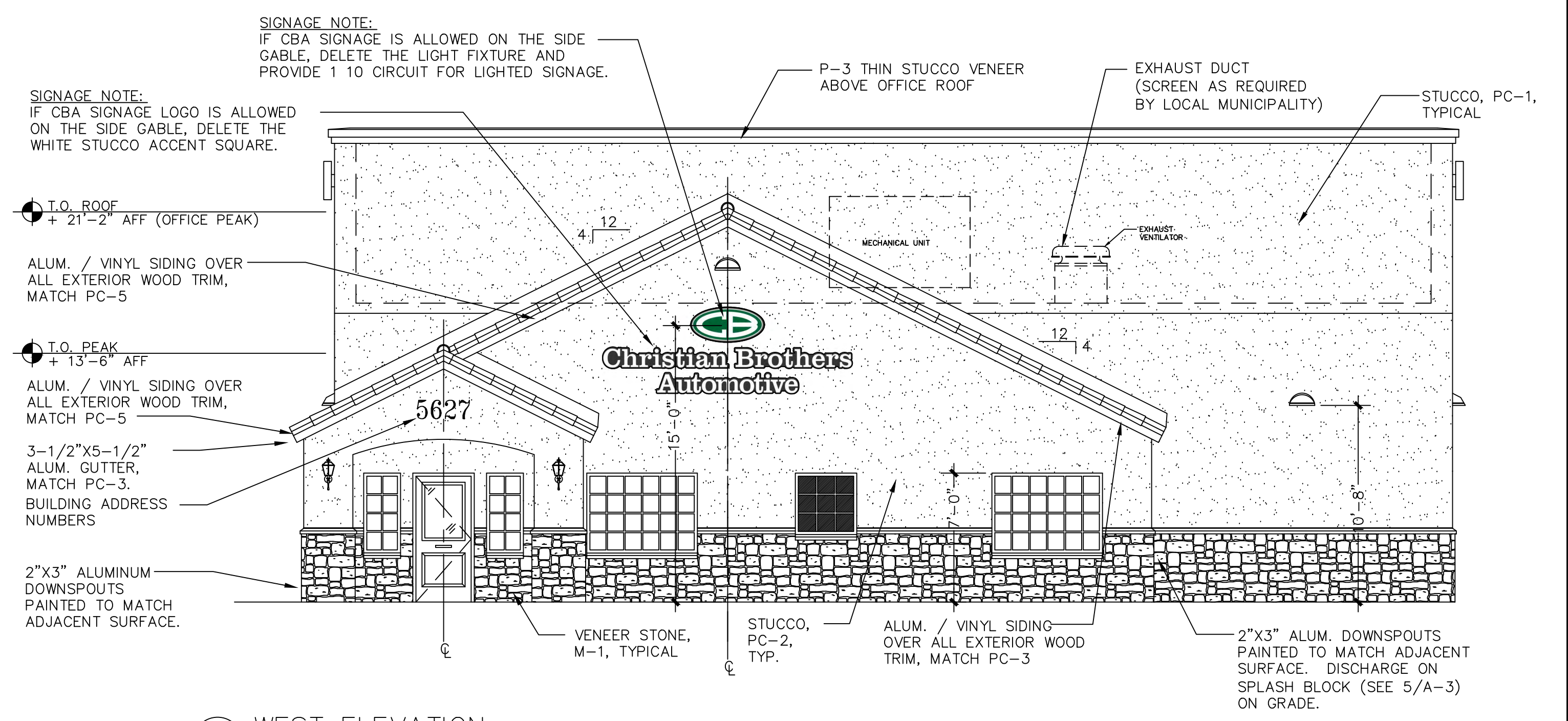
PC-1	PAINTED STUCCO	SW 6100 PRACTICAL BEIGE BY SHERWIN WILLIAMS
PC-2	PAINTED STUCCO	SW 6095 TOASTY BY SHERWIN WILLIAMS
PC-3	PAINTED STUCCO	SW 6090 JAVA BY SHERWIN WILLIAMS
PC-4	BLACK (PRE-PAINTED)	COLOR BLACK BY CLOPAY COMMERCIAL MODEL 3200
M-1	SPLIT FACE STONE VENEER	SPLIT FACE VENEER IN RIVERA BEIGE BY SOURCE STONE
M-2	CLAY ROOF TILE	B333-R "RUSTIC SMOKE BLEND" VINTAGE EARTH TONE BLEND BY MCA SUPERIOR CLAY ROOF TILE



4 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



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



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

TYPICAL NOTES
FOR ALL ELEVATIONS

- 2'-0" BAND, JAMBS, HEADS OF DOORS AND WINDOWS, AND ACCENT IN GABLES AT ENTRY AND SIDE ELEVATIONS TO BE STUCCO COLOR M-8.
- ALL MASONRY SURFACES ARE TO BE SPRAYED WITH WATER-PROOFING SEALER, PROSOCO INC. BLOCK GUARD AND GRAFFITI CONTROL #40093 - PH: 800-256-4255
- ALL DOWN SPOUTS ARE TO BE PAINTED TO MATCH THE COLOR OF THE WALL MATERIAL BEHIND IT.
- ALL WOOD TRIM AT SOFFITS, EAVES, FASCIAS, RAKES, ETC. TO BE ALUMINUM OR VINYL SIDING OVER EXPOSED WOOD.
- ALL EXTERIOR LIGHTS ARE TO BE ON PHOTO CELL. TYPICAL OF ALL ELEVATIONS.

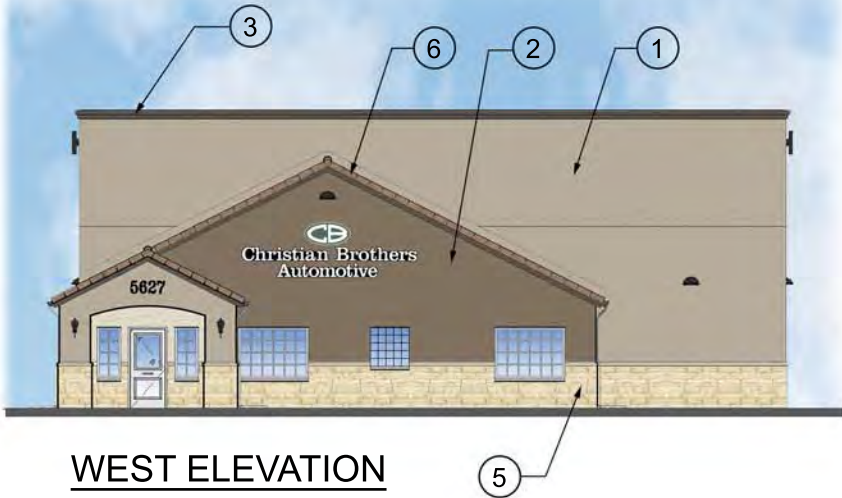
- NOTES:
- ALL SIGNAGE TO BE REVIEWED AND APPROVED SEPARATELY.
 - HVAC AIR HANDLER IS LOCATED IN ATTIC. CONDENSER UNIT IS GROUND MOUNTED AS SHOWN.
 - ALL ROOF PENETRATIONS ARE PAINTED BLACK.



NORTH ELEVATION

COLOR / MATERIAL PALETTE :

COLOR	MATERIAL
1. "PRACTICAL BEIGE" BY SHERWIN WILLIAMS SW 6100	STUCCO / MEDIUM FINISH
2. "TOASTY" BY SHERWIN WILLIAMS SW 6095	STUCCO / MEDIUM FINISH
3. "JAVA" BY SHERWIN WILLIAMS SW 6090	STUCCO / FASCIA AND CORNICE
4. "BLACK" BY CLOPAY COMMERCIAL	BAY DOORS-MODEL 3200 EXT. DOORS
5. "RIVIERA BEIGE" BY STONE SOURCE	SPLIT FACE VENEER
6. B333-R "RUSTIC SMOKE BLEND" VINTAGE EARTH TONE BLEND BY MCA SUPERIOR CLAY ROOF TILE	CLAY ROOF TILES



WEST ELEVATION



1. "PRACTICAL BEIGE"
BY SHERWIN WILLIAMS
SW 6100
STUCCO / MEDIUM
FINISH - PAINTED



2. "TOASTY"
BY SHERWIN WILLIAMS
SW 6095
STUCCO / MEDIUM
FINISH - PAINTED



3. "JAVA"
BY SHERWIN WILLIAMS
SW 6090
STUCCO / FASCIA
AND CORNICE

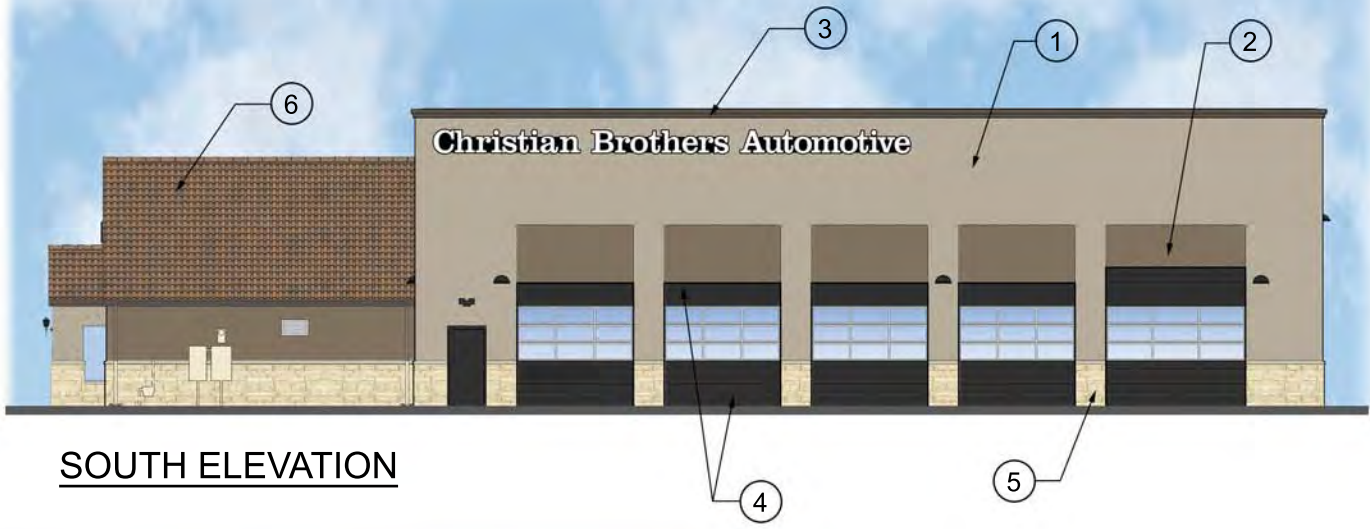
NEW AUTOMOTIVE SERVICE BUILDING



Christian Brothers Automotive
5627 South Power Road
Mesa, Arizona 85212



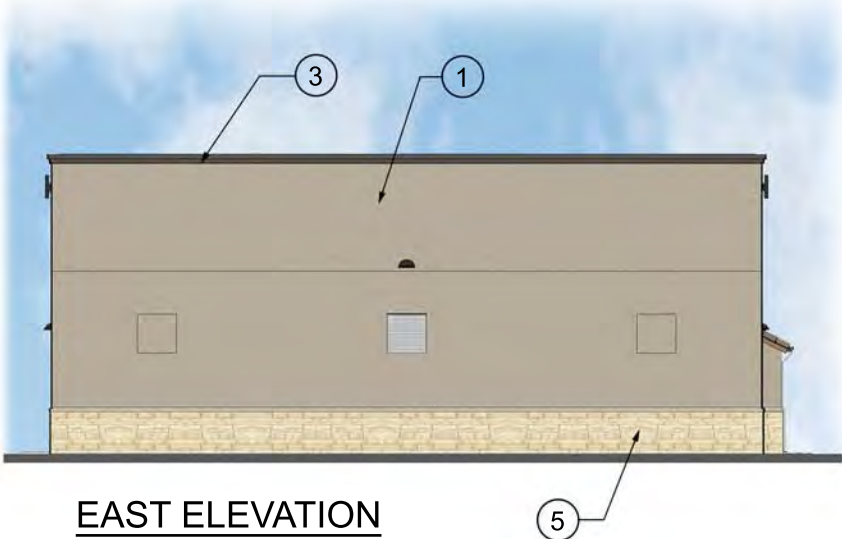
**STEWART + REINDERSMA
ARCHITECTURE**
5450 E. HIGH STREET, SUITE 200
PHOENIX, AZ 85054
P: (480) 515-5123



SOUTH ELEVATION

COLOR / MATERIAL PALETTE :

COLOR	MATERIAL
1. "PRACTICAL BEIGE" BY SHERWIN WILLIAMS SW 6100	STUCCO / MEDIUM FINISH
2. "TOASTY" BY SHERWIN WILLIAMS SW 6095	STUCCO / MEDIUM FINISH
3. "JAVA" BY SHERWIN WILLIAMS SW 6090	STUCCO / FASCIA AND CORNICE
4. "BLACK" BY CLOPAY COMMERCIAL	BAY DOORS-MODEL 3200 EXT. DOORS
5. "RIVIERA BEIGE" BY STONE SOURCE	SPLIT FACE VENEER
6. B333-R "RUSTIC SMOKE BLEND" VINTAGE EARTH TONE BLEND BY MCA SUPERIOR CLAY ROOF TILE	CLAY ROOF TILES



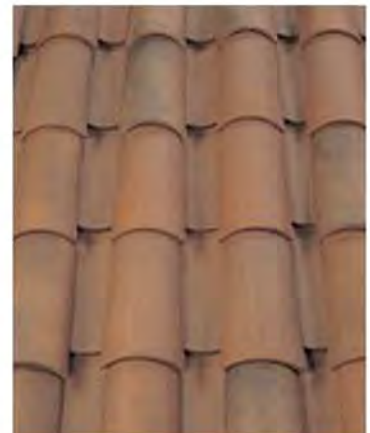
EAST ELEVATION



4. "BLACK"
BY CLOPAY COMMERCIAL
BAY DOORS-MODEL 3200



5. "RIVIERA BEIGE"
BY STONE SOURCE
SPLIT FACE VENEER



6. B333-R "RUSTIC SMOKE BLEND"
BY MCA SUPERIOR CLAY
ROOF TILE

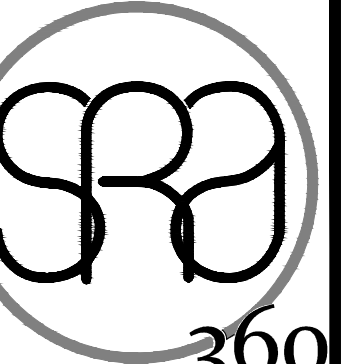
NEW AUTOMOTIVE SERVICE BUILDING



Christian Brothers Automotive
5627 South Power Road
Mesa, Arizona 85212



**STEWART + REINDERSMA
ARCHITECTURE**
360
5450 E. HIGH STREET, SUITE 200
PHOENIX, AZ 85054
P: (480) 515-5123



STEWART + REINDERSMA
ARCHITECTURE, PLLC
5450 E. High Street, Suite 200
Phoenix, Arizona 85054
P. 480.515.1223
www.sra360.com

Christian Brothers
Automotive
5627 South Power Road
Mesa, AZ 85212



1/28/2019
Date

Revisions

9/20/18 - Prototype Update

Project No. 18-070

Drawn By:

Date: 1/28/19

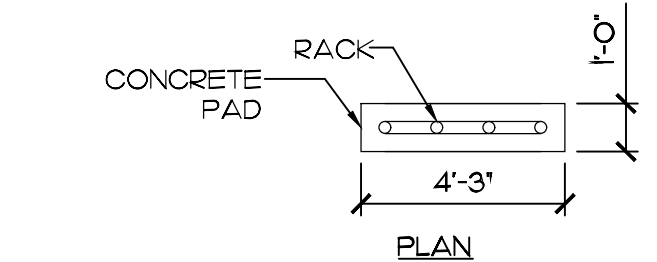
Sheet Title:
SITE
DETAILS

Drawing No.

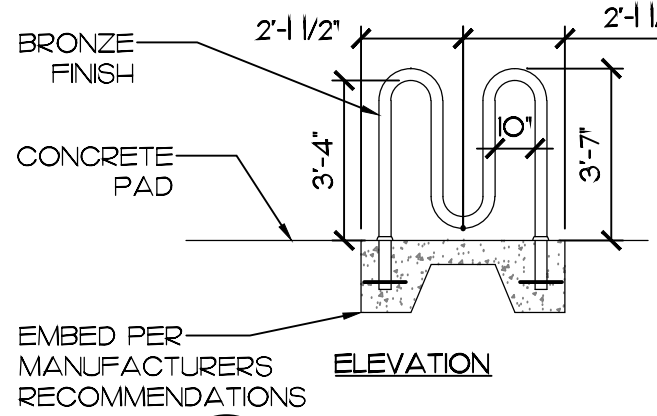
A-1

RH10S-09-2018

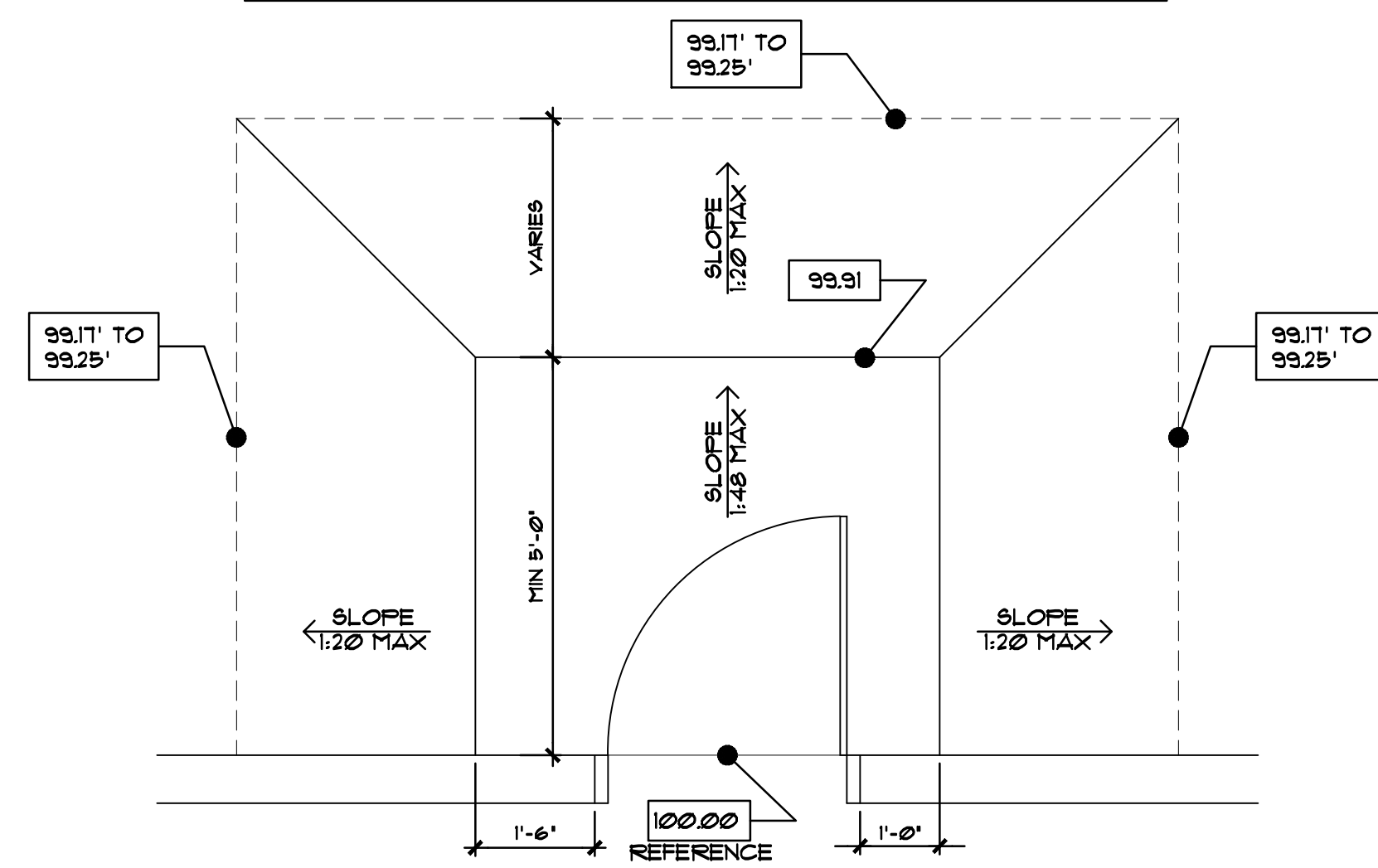
NOTE:
1. REF. CIVIL FOR SITE PAVING ELEVS PRIOR TO BEGINNING WARP UP TO DOOR.
2. PAVING TO WARP UP WITHOUT SEAMS TO ACHIEVE REQUIRED SLOPES.



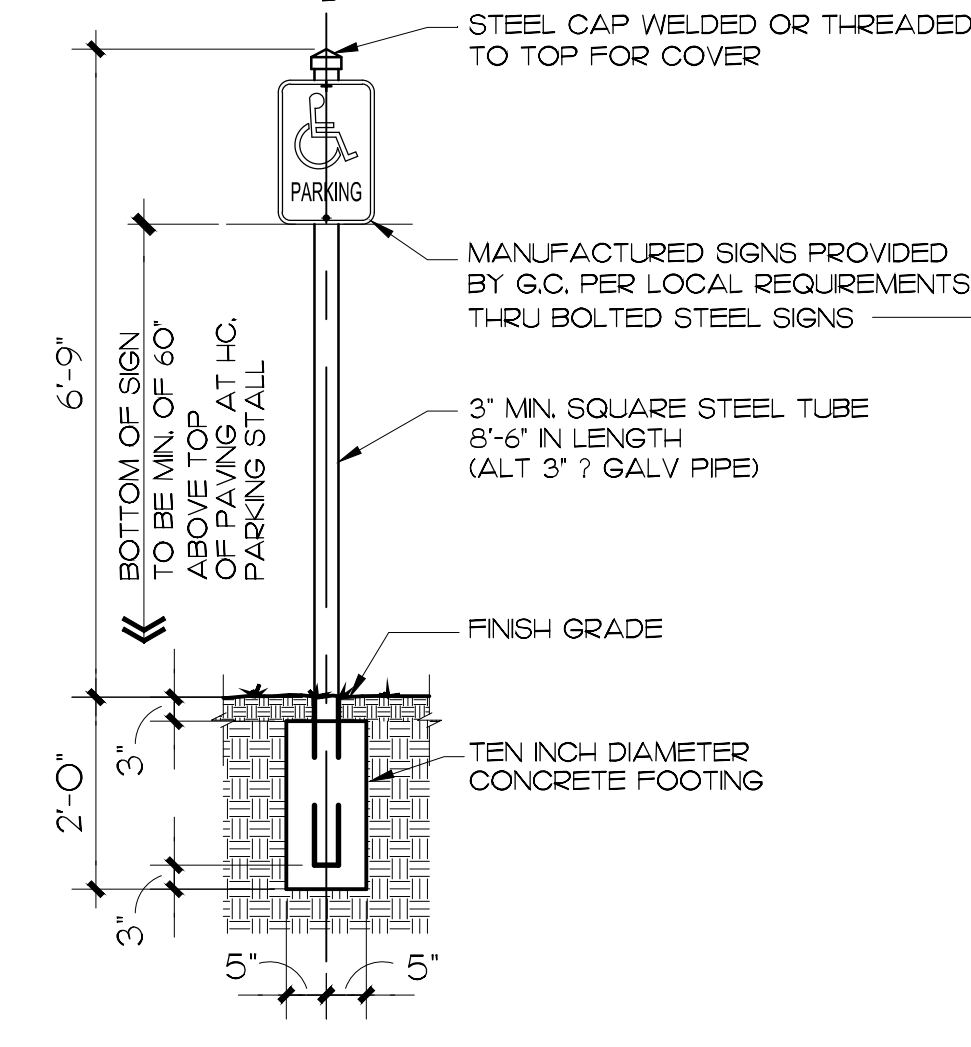
MAD RAX WINDER HW235-5 (4 BIKES)
AS MANUFACTURED BY T.L. GRABBER
CO. OR APPROVED EQUAL



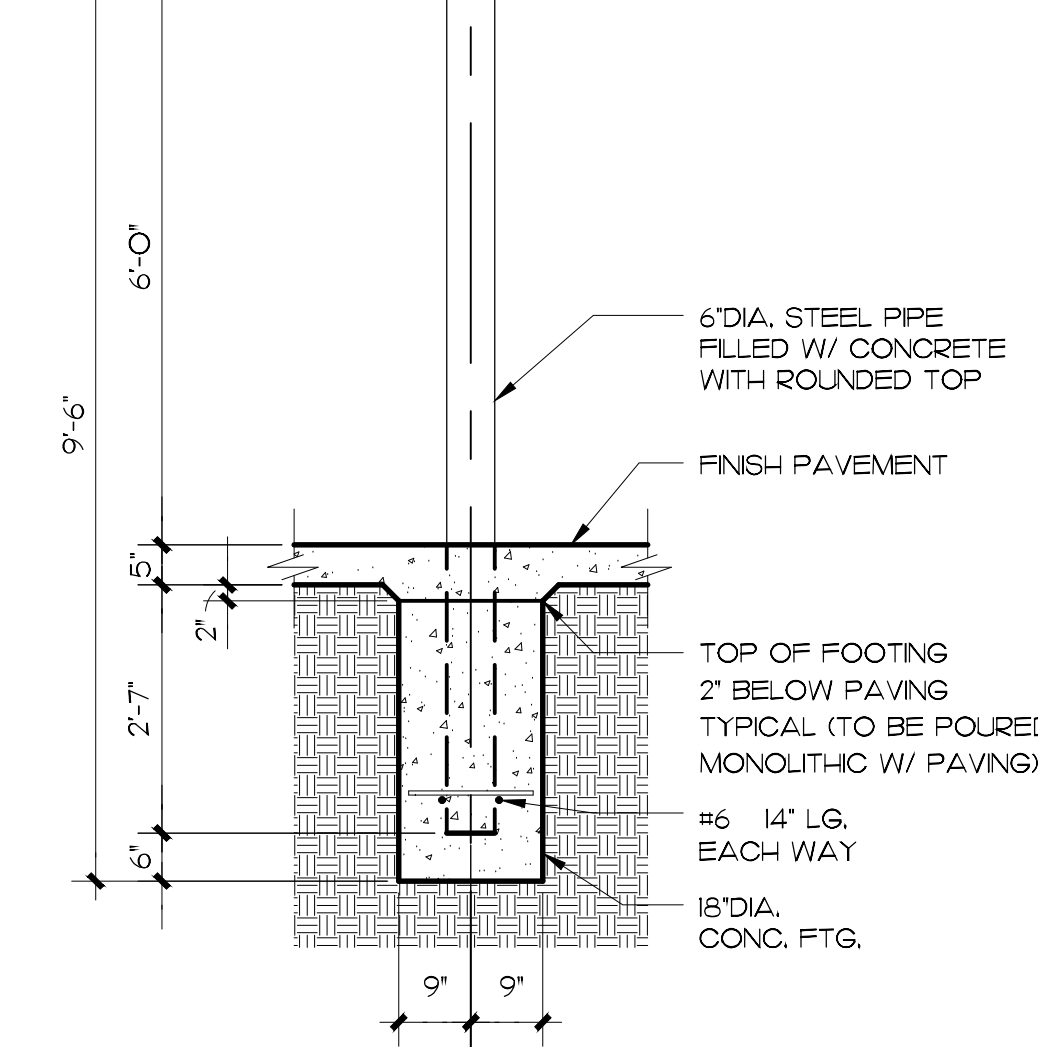
10 BIKE RACK
SCALE: 1/4" = 1'-0"



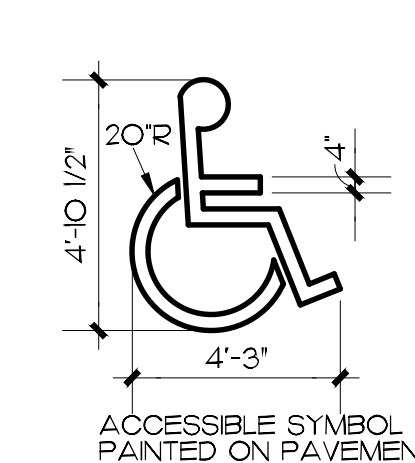
8 LANDING AT MAN DOOR DETAIL
SCALE: 1/2" = 1'-0"



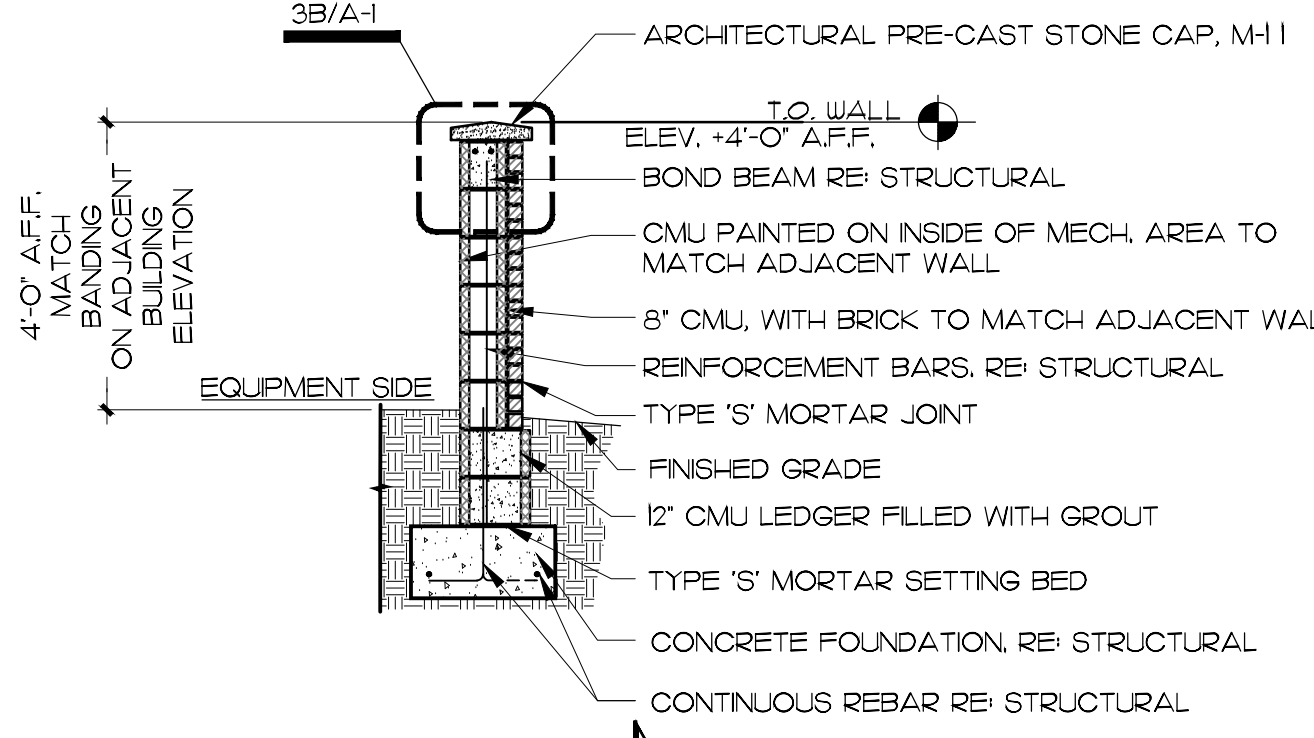
7 HANDICAP SIGN
SCALE: 1/2" = 1'-0"



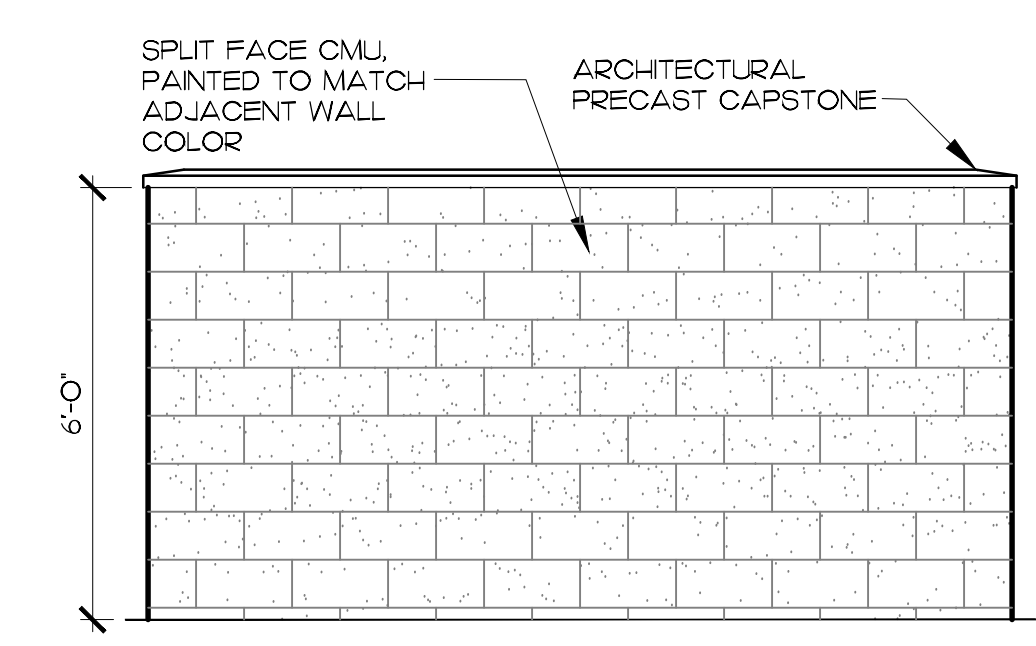
6 STEEL PIPE BOLLARD
SCALE: 1/2" = 1'-0"



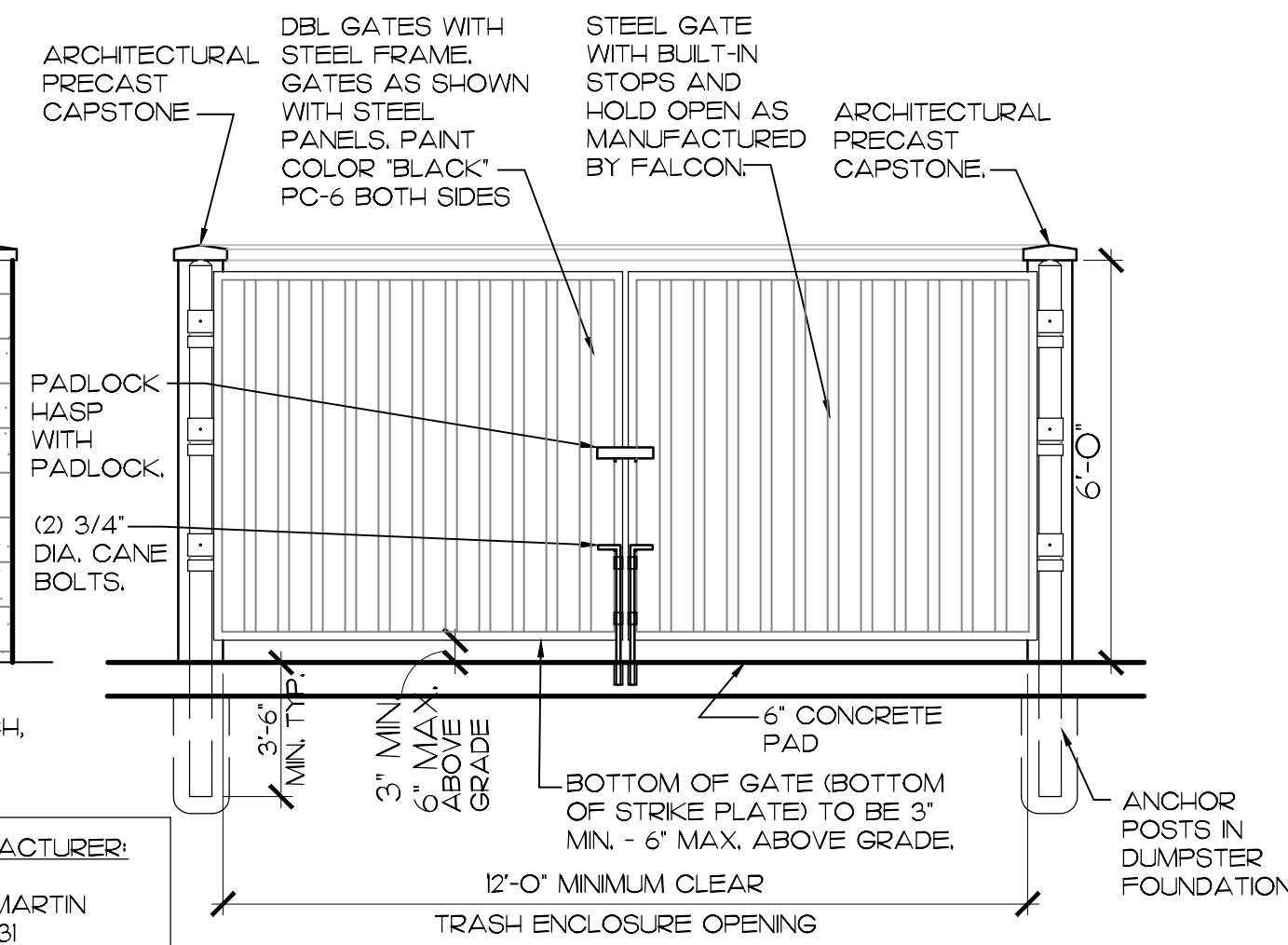
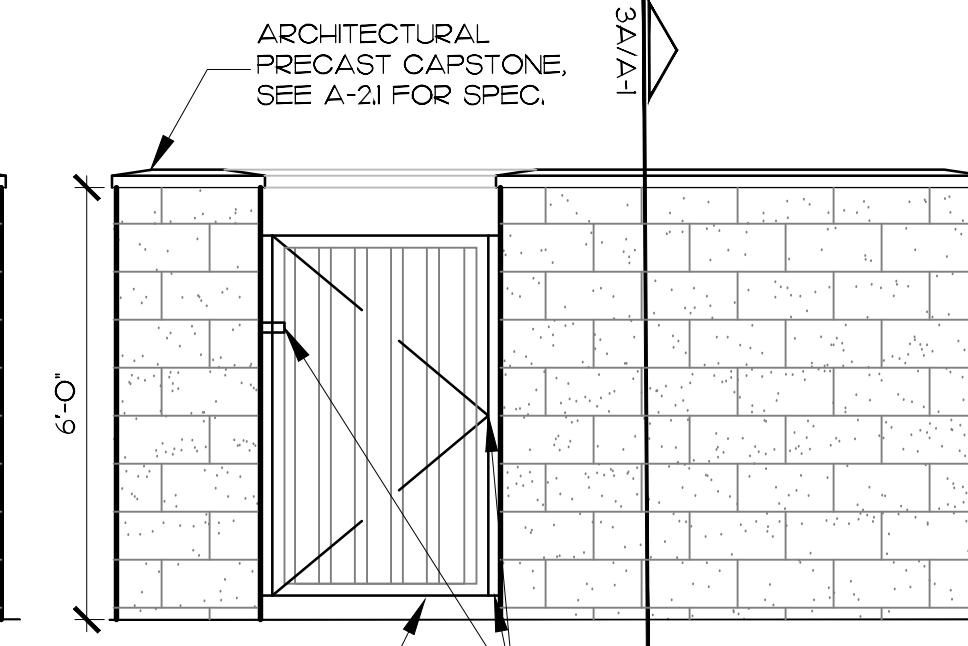
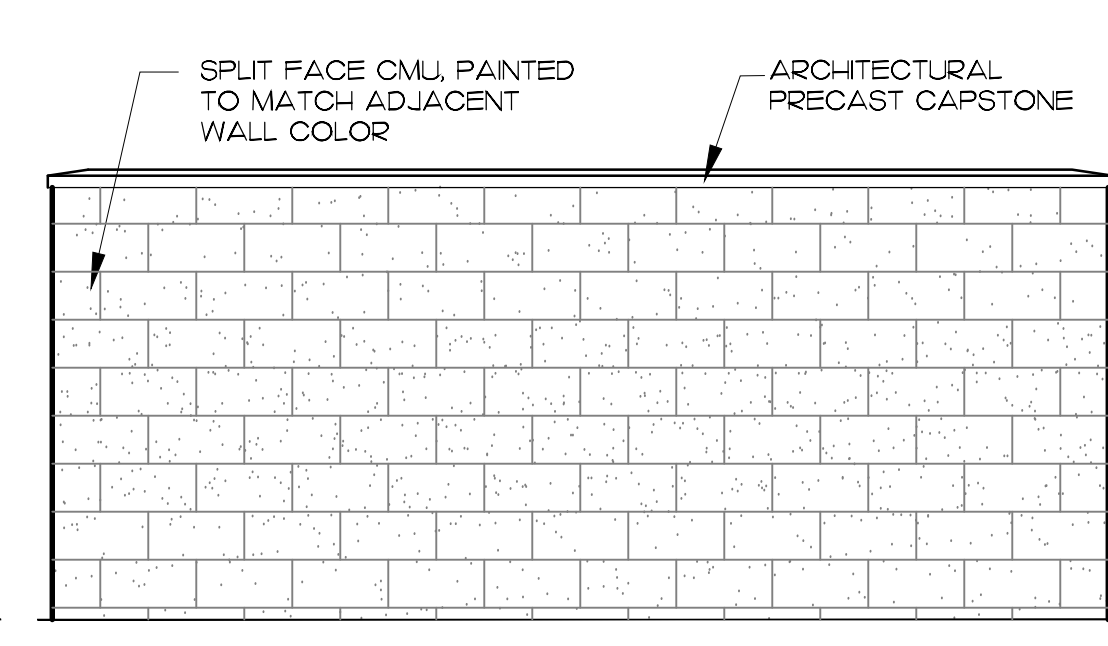
5 HANDICAP SYMBOL PAINTED ON PAVEMENT
SCALE: 1/4" = 1'-0"



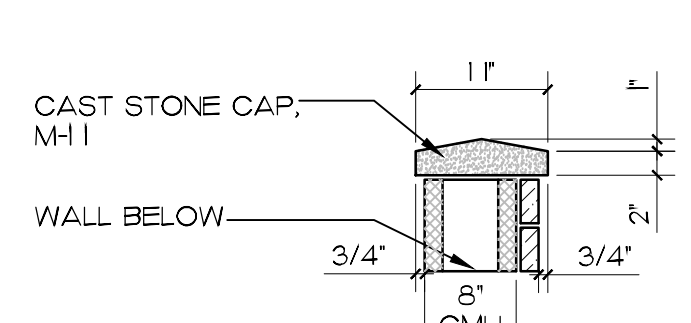
9 MECHANICAL SCREEN WALL
SCALE: 3/8" = 1'-0"



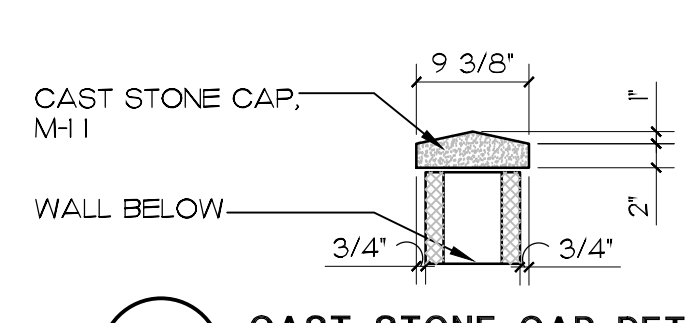
4 DUMPSTER ENCLOSURE ELEVATIONS
SCALE: 3/8" = 1'-0"



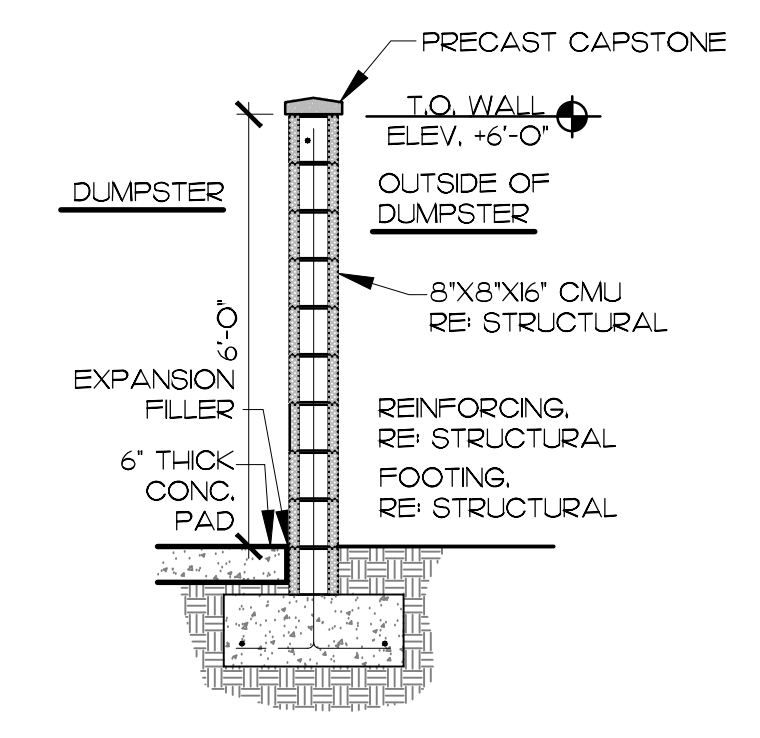
STEEL GATE MANUFACTURER:
FALCON
CONTACT: ROBERT MARTIN
PHONE: (602) 733-1331



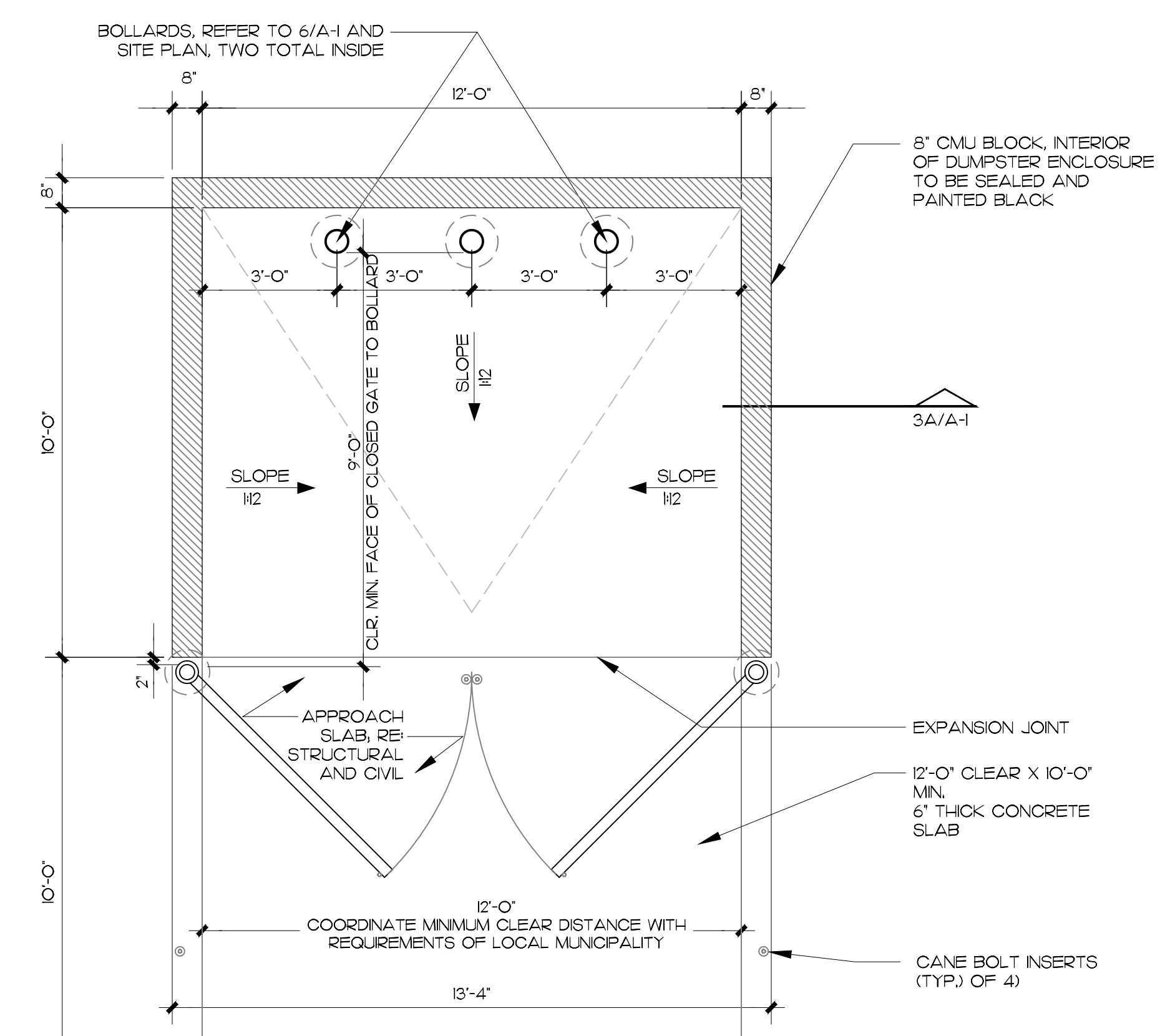
3C CAST STONE CAP DETAIL
SCALE: 3/4" = 1'-0"



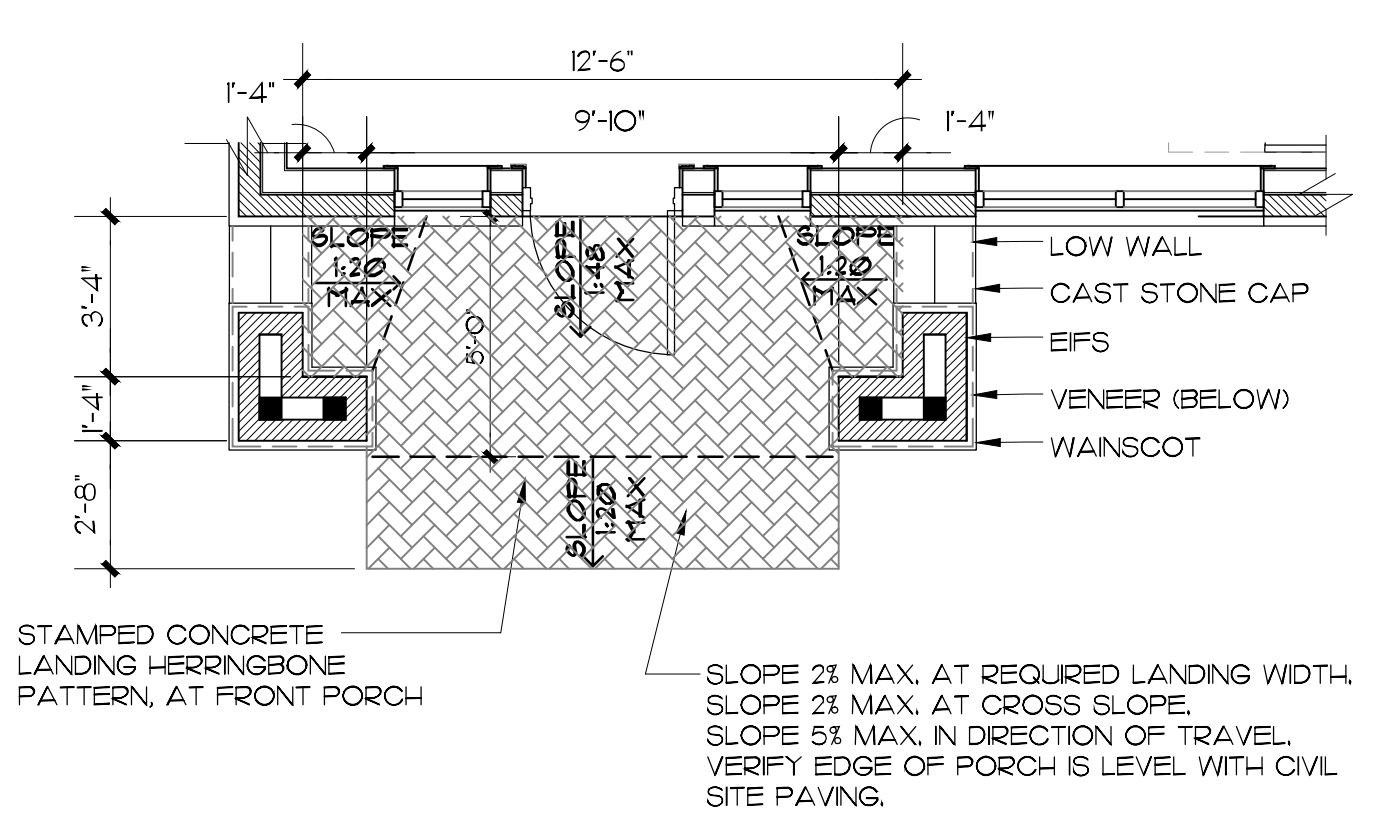
3B CAST STONE CAP DETAIL
SCALE: 3/4" = 1'-0"



3A DUMPSTER ENCLOSURE WALL SECTION
SCALE: 3/8" = 1'-0"



2 DUMPSTER ENCLOSURE PLAN
SCALE: 3/8" = 1'-0"



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

GENERAL NOTES

1. BASE INFORMATION WAS TAKEN FROM PROPERTY DESCRIPTION PLANS ON THIS PAGE. MINOR FIELD ADJUSTMENTS MAY BE NECESSARY TO ALIGN WITH EXISTING FEATURES.
2. SMOOTH TRANSITION IS REQUIRED BETWEEN ALL EXISTING AND NEW PAVEMENTS.
3. ROADWAY AND ACCESS CLEARANCES ARE SHOWN TO FACE OF CURB AND END OF PARKING SPACES. ALL PARKING SPACES ARE 9'-0" X 18'-0".
4. THE CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR ANY DAMAGED IN COMPLIANCE WITH LOCAL STANDARDS AND AT THE CONTRACTORS EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
5. THE LIGHTING ON THE SITE SHALL COMPLY WITH THE LOCAL ZONING ORDINANCE AND STATE ENERGY CODE AS REQUIRED.
6. THE DUMPSTER IS TO BE ENCLOSED WITH MASONRY WALLS TO MATCH THE BUILDING EXTERIOR. THE ENCLOSURE GATES SHALL BE OPAQUE AND CONSTRUCTED OF PAINTED STEEL FRAME AND STEEL PANELS. SEE A-4 FOR MORE INFORMATION ON DUMPSTER ENCLOSURE AND BUILDING EXTERIOR.
7. ALL OFF SITE EASEMENTS MUST BE FILED PRIOR TO START OF CONSTRUCTION.
8. IRRIGATION SYSTEM SHALL BE PROVIDED AND INCLUDED IN THE BASE BID. THE REQUIRED AUTOMATIC UNDERGROUND SPRINKLER SYSTEM SHALL HAVE SEPARATE ZONES FOR LAWN AND PLANT BEDDING AREAS. LAYOUT PER THE MANUFACTURES RECOMMENDATIONS WITH OWNERS APPROVAL REQUIRED.

DRIVEWAY CURB AND PAVING NOTES

1. CIVIL ENGINEERING DRAWING SUPERCEDE INFORMATION ON THIS DRAWING. NOTIFY ARCHITECT AND OWNER OF ALL DISCREPANCIES.
2. SIDEWALK, DRIVEWAY, CURB, AND LINE AND GRADE SHALL BE SET BY CIVIL ENGINEER.
3. SIDEWALKS SHALL BE CONSTRUCTED PER GEOTECHNICAL REPORT AND CIVIL DRAWINGS.
4. DRIVEWAYS SHALL BE CONSTRUCTED PER GEOTECHNICAL REPORT AND CIVIL DRAWINGS.
5. CURB AND GUTTER SHALL BE CONSTRUCTED PER GEOTECHNICAL REPORT AND CIVIL DRAWINGS.
6. PROVIDE 1/2" EXPANSION MATERIAL AT INTERVALS OF 20'-0" (MAXIMUM) THROUGHOUT ENTIRE LENGTH OF SIDEWALK.
7. PROVIDE 1/2" EXPANSION MATERIAL BETWEEN WHERE SIDEWALKS ABUT TO A FIRE HYDRANT OR UTILITY POLE.
8. IN THE EVENT THAT MORE THAN ONE DRIVEWAY IS CONSTRUCTED FOR ACCESSING THE PROPERTY FROM THE SAME STREET APPROACH, MAINTAIN MINIMUM SEPARATION BETWEEN DRIVES AS REQUIRED BY LOCAL ZONING ORDINANCE, TRAFFIC AND TRANSPORTATION REGULATIONS, AND/OR BUILDING CODE.
9. SURFACE BETWEEN DRIVEWAYS, FROM TOP OF CURB TO SIDEWALK AND FROM SIDEWALK TO PROPERTY LINE MAY BE EITHER CONCRETE OR DIRT, OR AS REQUIRED BY ORDINANCE AND CODES AS MADE REFERENCE TO IN #8 ABOVE.

DESCRIPTION

The Impact Elite family of wall luminaires is the ideal complement to site design. Incorporating modular LightSquares technology, the Impact Elite luminaire provides outstanding uniformity and energy-conscious illumination. Combined with a rugged construction, the Impact Elite luminaire is the ideal facade and security luminaire for zones surrounding schools, office complexes, apartments and recreational facilities. UL/cUL listed for wet locations.

Catalog #	ISWAF800LEDE1SL4BK	Type	F
Project		Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

Construction

Heavy-wall, die-cast aluminum housing and removable hinged door frame for precise tolerance control and repeatability. Hinged door inset for clean mating with housing surface and secured via two captive fasteners. Optional tamper-resistant Torx™ head fasteners offer vandal resistant access to the electrical chamber.

Optics

Choice of 10 patented, high-efficiency AccuLED Optics™ distributions. Optics are precisely designed to shape the light output, maximizing efficiency and application spacing. AccuLED Optics technology creates consistent distributions with the scalability to meet customized application requirements. Offered Standard in 4000K (+/- 275K) CCT and minimum 70 CRI. Optional 3000K, 5000K and 5700K CCT.

Electrical

LED drivers mount to die-cast aluminum back housing for optimal heat sinking, operation efficacy, and prolonged life. Standard drivers feature electronic universal voltage (120-277V 50/60Hz), 347V 60Hz or 480V 60Hz operation, greater than 0.9 power factor, less than 20% harmonic distortion, and are suitable for operation in -40°C to 40°C ambient environments. All fixtures are shipped standard with 10kV/10kA common – and differential – mode surge protection. LightSquares feature an IP66 enclosure rating and maintain greater than 90% lumen maintenance at 60,000 hours per IESNA TM-21. Emergency egress options for -20°C ambient environments and occupancy sensor available.

Mounting

Gasketed and zinc plated rigid steel mounting attachment fits directly to 4" j-box or wall with the Impact Elite "Hook-N-Lock" mechanism for quick installation. Secured with two captive corrosion resistant black oxide coated allen head set screws concealed but accessible from bottom of fixture.

Finish

Cast components finished in a five-stage super TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Standard colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available. Consult the McGraw-Edison Architectural Colors brochure for the complete selection.

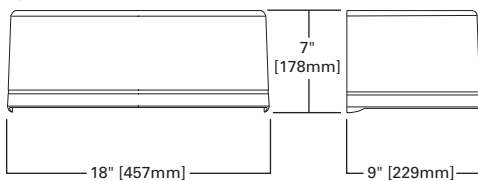
Warranty

Five-year warranty.

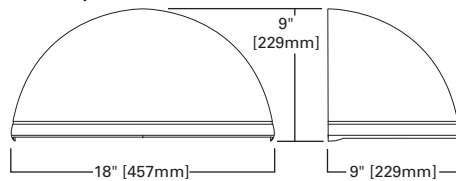


DIMENSIONS

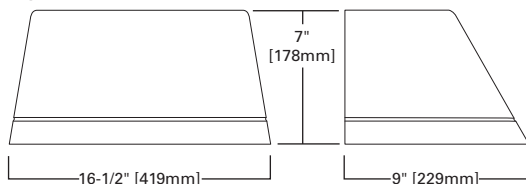
Cylinder



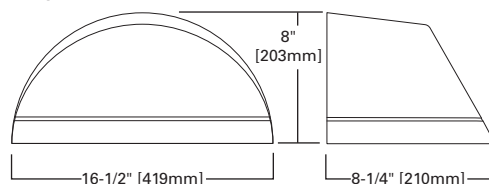
Quarter Sphere



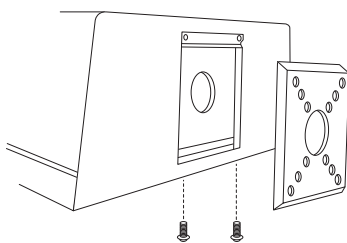
Trapezoid



Wedge



HOOK-N-LOCK MOUNTING



ISC/ISS/IST/ISW IMPACT ELITE LED

1 LightSquare
Solid State LED

WALL MOUNT LUMINAIRE

CERTIFICATION DATA

UL/cUL Listed
LM79 / LM80 Compliant
IP66 LightSquare
DesignLights Consortium® Qualified*
ISO 9001

ENERGY DATA

Electronic LED Driver
>0.9 Power Factor
<20% Total Harmonic Distortion
120-277V/50 & 60Hz, 347V/60Hz,
480V/60Hz
-40°C Minimum Temperature
40°C Ambient Temperature Rating

SHIPPING DATA

Approximate Net Weight:
18 lbs. (8 kgs.)

POWER AND LUMENS

1 LightSquare (AF)		Cylinder (ISC) and Quarter Sphere (ISS)						Trapezoid (IST) and Wedge (ISW)					
Drive Current (mA)		350	450	600	800	1000	1200	350	450	600	800	1000	1200
Power (Watts)	120-277V	20.3	25.5	33.4	43.9	55.1	66.2	20.3	25.5	33.4	43.9	55.1	66.2
Current (A)	120V	0.17	0.22	0.29	0.38	0.48	0.56	0.17	0.22	0.29	0.38	0.48	0.56
	277V	0.09	0.10	0.13	0.17	0.21	0.25	0.09	0.10	0.13	0.17	0.21	0.25
Power (Watts)	347V or 480V	23.3	28.7	36.6	49.5	60.7	70.1	23.3	28.7	36.6	49.5	60.7	70.1
Current (A)	347V	0.07	0.08	0.11	0.15	0.18	0.21	0.07	0.08	0.11	0.15	0.18	0.21
	480V	0.05	0.06	0.08	0.11	0.13	0.16	0.05	0.06	0.08	0.11	0.13	0.16
Optics													
T2	Lumens	2,336	2,934	3,827	4,791	5,663	6,444	2,498	3,136	4,091	5,122	6,054	6,889
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
T3	Lumens	2,385	2,994	3,906	4,889	5,779	6,577	2,504	3,144	4,101	5,133	6,068	6,905
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
T4FT	Lumens	2,360	2,963	3,866	4,839	5,720	6,509	2,530	3,177	4,145	5,188	6,133	6,979
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
T4W	Lumens	2,386	2,996	3,908	4,892	5,783	6,581	2,500	3,139	4,095	5,126	6,059	6,895
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
SL2	Lumens	2,257	2,834	3,697	4,628	5,470	6,225	2,413	3,030	3,953	4,948	5,849	6,656
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
SL3	Lumens	2,220	2,787	3,636	4,552	5,380	6,122	2,365	2,970	3,874	4,849	5,732	6,523
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
SL4	Lumens	2,110	2,649	3,456	4,326	5,113	5,818	2,234	2,805	3,660	4,581	5,415	6,162
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
SLL/SLR	Lumens	1,990	2,498	3,259	4,080	4,823	5,488	2,154	2,705	3,529	4,418	5,222	5,942
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2	B1-U1-G2
RW	Lumens	2,380	2,988	3,898	4,880	5,768	6,564	2,465	3,095	4,037	5,054	5,974	6,798
	BUG Rating	B2-U0-G0	B2-U0-G0	B2-U0-G0	B2-U0-G0	B2-U0-G0	B2-U0-G0	B3-U1-G1	B3-U1-G1	B3-U1-G1	B3-U1-G1	B3-U1-G1	B3-U1-G1

LUMEN MAINTENANCE

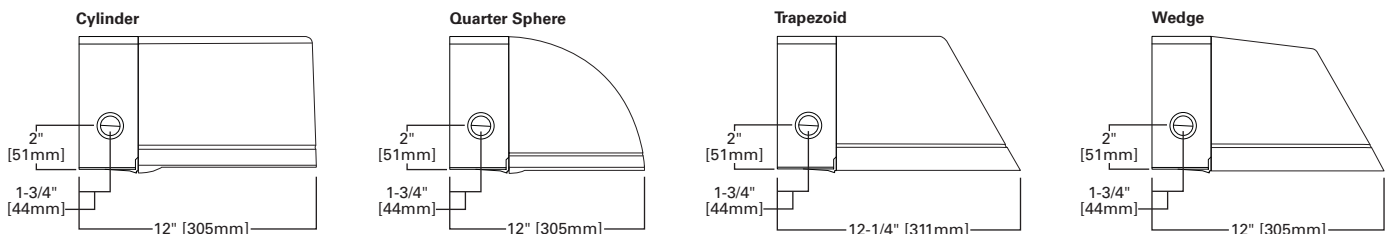
Current	Ambient Temperature	25000 Hours*	50000 Hours*	60000 Hours*	100000 Hours*	Theoretical L70 (Hours)*
Up to 1.2A	Up to 40°C	>95%	>91%	>90%	>83%	20,4000

*Data calculated based on TM-21 calculator.

LUMEN MULTIPLIER

Ambient Temperature	Lumen Multiplier
10°C	1.02
15°C	1.01
25°C	1.00
40°C	0.99

THRUWAY BACK BOX



ORDERING INFORMATION

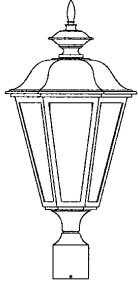
Sample Number: ISC-AF-1200-LED-E1-T3-BZ

Product Family ¹	Light Engine	Drive Current	Lamp Type	Voltage	Distribution	Color
ISC=Impact Elite LED Small Cylinder ISS=Impact Elite LED Small Quarter Sphere IST=Impact Elite LED Small Trapezoid ISW=Impact Elite LED Small Wedge	AF=(1) LightSquare	350=Drive Current Factory Set to 350mA 450=Drive Current Factory Set to 450mA 600=Drive Current Factory Set to 600mA 800=Drive Current Factory Set to 800mA 1000=Drive Current Factory Set to 1000mA 1200=Drive Current Factory Set to 1200mA ²	LED=Solid State Light Emitting Diodes	E1=Electronic (120-277V) 347=347V ² 480=480V ^{2,3}	T2=Type II T3=Type III T4FT=Type IV Forward Throw T4W=Type IV Wide SL2=Type II w/Spill Control SL3=Type III w/Spill Control SL4=Type IV w/Spill Control SLL=90° Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White
Options (Add as Suffix) 7030=70 CRI / 3000K CCT ⁴ 7050=70 CRI / 5000K CCT ⁴ 7060=70 CRI / 5700K CCT ⁴ 8030=80 CRI / 3000K CCT ⁴ PER7=NEMA 7-PIN Twistlock Photocontrol Receptacle ^{2,5,6} P=Button Type Photocontrol (Available in 120, 208, 240 or 277V. Must Specify Voltage) HA=50°C High Ambient ⁷ AHD145=After Hours Dim, 5 Hours, 50% ⁸ AHD245=After Hours Dim, 6 Hours, 50% ⁸ AHD255=After Hours Dim, 7 Hours, 50% ⁸ AHD355=After Hours Dim, 8 Hours, 50% ⁸ MS/DIM-LXX=Motion Sensor for Dimming Operation ^{9,10,11} LWR-LW=LumaWatt Pro Wireless Sensor, Wide Lens for 8' - 16' Mounting Height ^{11,12} LWR-LN=LumaWatt Pro Wireless Sensor, Narrow Lens for 16' - 40' Mounting Height ^{11,12} BBB=Battery Pack with Back Box (Specify 120V or 277V) ¹³ CWB=Cold Weather Battery Pack with Back Box (Specify 120V or 277V) ¹⁴ LCF=LightSquare Trim Plate Matches Housing Finish HSS=Factory Installed House Side Shield ¹⁵ ULG=Uplight Glow ^{5,6} TR=Tamper Resistant Hardware X=Driver Surge Protection (6kV) Only ¹⁶				Accessories (Order Separately) ¹⁷ MA1253=10kV Circuit Module Replacement MA1254-XX=Thruway Back Box - Impact Elite Trapezoid MA1255-XX=Thruway Back Box - Impact Elite Cylinder MA1256-XX=Thruway Back Box - Impact Elite Quarter Sphere MA1257-XX=Thruway Back Box - Impact Elite Wedge FSIR-100=Wireless Configuration Tool for Occupancy Sensor		

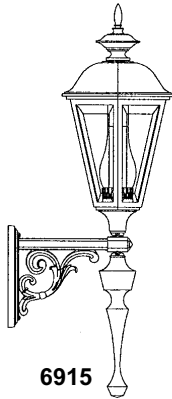
- NOTES:**
- Standard 4000K CCT and greater than 70 CRI.
 - Not available with ULG option.
 - Only for use with 480V Wye systems. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase Three Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems).
 - Extended lead times apply.
 - Not available with ISS or ISW.
 - Not available with LWR-XX or MS/DIM-LXX.
 - Suitable for 50°C provided no options other than motion sensor are included and driver output set to 1.A or less.
 - Requires the use of P photocontrol or the PER7 photocontrol receptacle with photocontrol accessory. Not available with 350mA drive current. See After Hours Dim supplemental guide for additional information.
 - Specify lens in place of XX. Round to next highest option based on mounting height. Available options are 08, 20 and 40W.
 - The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Eaton for more information.
 - Includes integral photocell.
 - LumaWatt Pro wireless sensors are factory installed and requiring network components in appropriate quantities. See www.eaton.com/lighting for LumaWatt Pro application information.
 - LED standard integral battery pack is rated for minimum operating temperature 32°F (0°C). Operates downlight for 90-minutes.
 - LED cold weather integral battery pack is rated for minimum operating temperature -4°F (-20°C). Operates downlight for 90-minutes.
 - Only for use with SL2, SL3 and SL4 distributions. The LightSquare trim plate is painted black when the HSS option is selected.
 - Removes additional surge module.
 - Specify color in place of XX.

6900 / 6600 / 66 HERITAGE

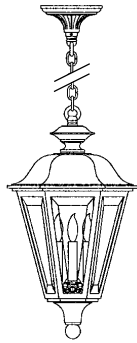
SPECIFICATIONS



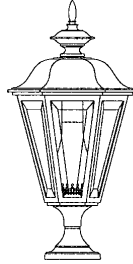
6930



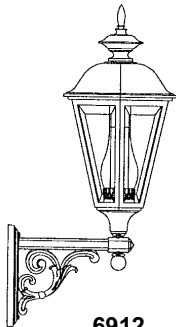
6915



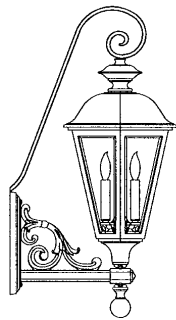
6927



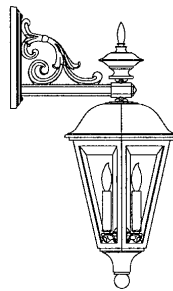
6935



6912



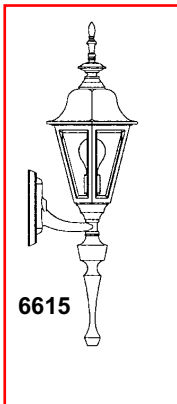
6913



6918



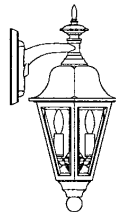
6630



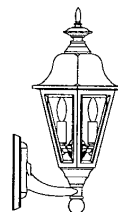
6615



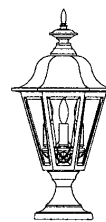
6627



6617



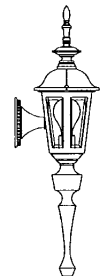
6616



6635



66BU



66LF

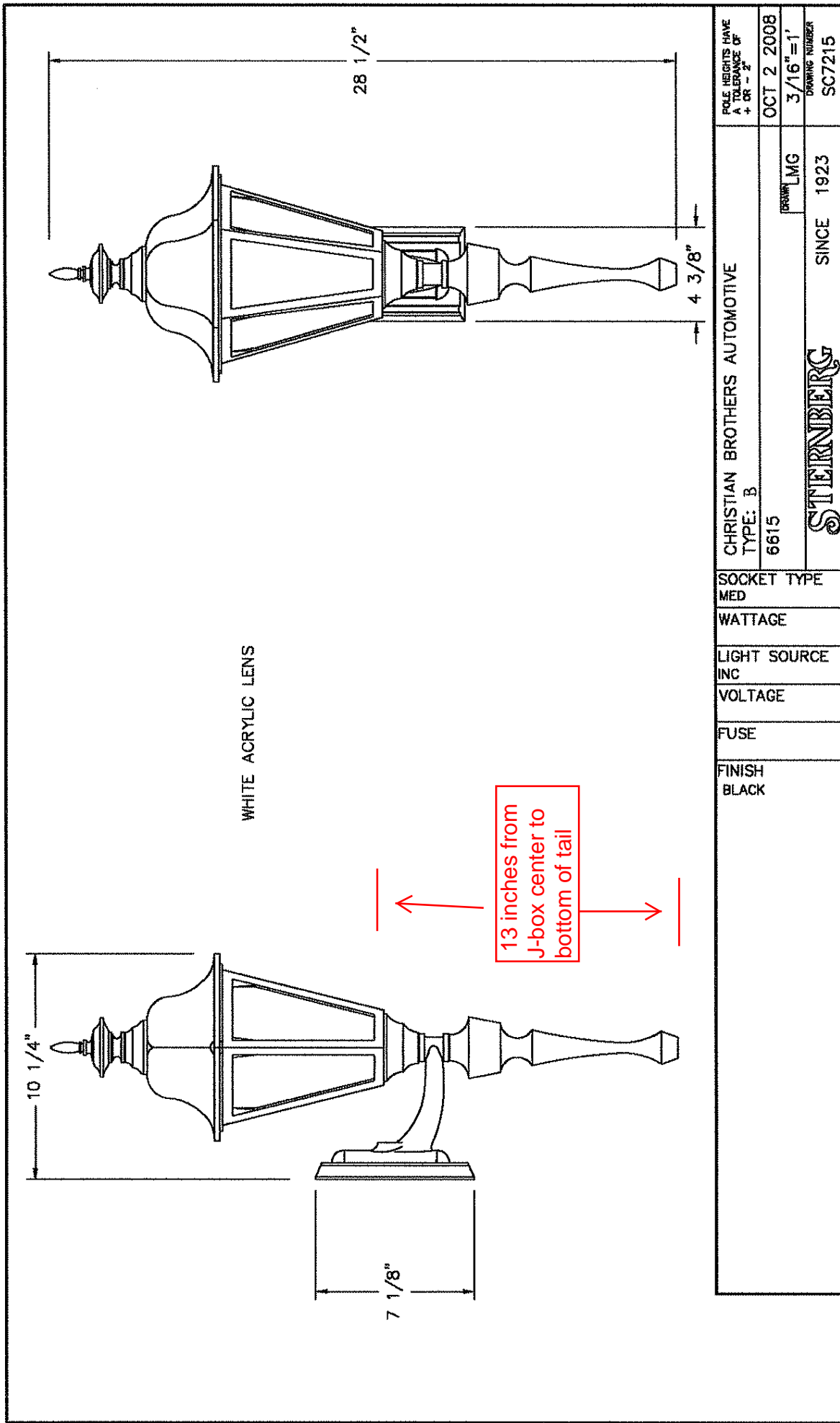
Cat. No.	W	H	Ext.*	Top to Outlet	Max.** INC	Max. HID	Max. CF
6930	13"	27"			200W	100W†	42W†
6915	13"	38"	16 1/2"	26 1/2"	200W	100W††	42W††
6913	13"	30 1/2"	16 1/2"	27"	200W	100W††	32W††
6912	13"	32 1/2"	16 1/2"	26 1/2"	200W	100W††	42W††
6918	13"	30"	16 1/2"	5"	200W	100W††	32W††
6927	13"	65" w/36" chain			200W	100W†	32W†
6935	13"	25 1/2"			200W	100W††	42W††
6630†	10"	19"			100W	50W†	26W†
6615	10"	30"	10 1/2"	15"	100W	50W††	32W††
6616	10"	19"	10 1/2"	15"	100W	50W††	32W††
6617	10"	19 1/2"	10 1/2"	7 1/2"	100W	50W††	32W††
6627	10"	57" w/36" chain			100W	50W††	26W
6635	10"	19"			100W	50W††	26W††
66BU	7"	14"	8"	9"	60W	—	—
66LF	7"	20"	8"	9"	60W	—	—

* Add 2" to 4" depending on Ballast Box requirement.

** 3 Light Cluster is 25 watt max lamp per socket. 66 Series not available with 3 Light Cluster.

† Remote Ballast required if HID or CF. †† Ballast Box required.

66 & 6600 Series not available with Frosted Chimney or Refractor.



CHRISTIAN BROTHERS AUTOMOTIVE TYPE: B 6615		ROLE HEIGHTS HAVE A TOLERANCE OF + OR - 2"
DRAWN LMG		OCT 2 2008
SINCE 1923		3/16"=1" DRAWING NUMBER
SOCKET TYPE MED		SC7215
WATTAGE		
LIGHT SOURCE INC		
VOLTAGE		
FUSE		
FINISH BLACK		
STERNBERG		

DESCRIPTION

8-inch LED recessed narrow, medium, or wide beam downlight specially designed for LED technology. Two-stage reflector system produces smooth distribution with excellent light control and low aperture brightness. Offered with 1000-20,000 lumens with color temperatures of 2700K, 3000K, 3500K, 4000K, 5000K available in 80, 90 or 97 CRI. Available with dim-to-warm technology – similar to halogen at full power, the 3000K LED warms smoothly as dimmed to 1850K creating a rich warm glow within the space.

Catalog #	LD840D010 / ER8B30408040/ 8LBM1H/LGSKT8IP65/HB26	Type	L
Project		Date	
Comments			
Prepared by			

SPECIFICATION FEATURES

Lower Shielding Reflector

Self-flanged, spun .060" thick aluminum lower reflector in combination with a lensed upper optical chamber provides superior lumen output with minimal source brightness. Available in all Portfolio Alzak® finishes.

Trim Retention

Lower reflector is retained with two torsion springs holding the flange tightly to the finished ceiling surface.

Plaster Frame / Collar

Die cast aluminum 1-1/2" deep collar accommodates ceiling materials up to 2".

Universal Mounting Bracket

Accepts 1/2" EMT, C channel and bar hangers and adjusts 5" vertically from above and below the ceiling.

Junction Box

(4) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Listed for (8) #12 AWG (four in, four out) 90°C conductors and feed thru branch wiring.

Thermal

Aluminum heat sink conducts heat away from the LED module for improved performance and longer life.

LED

LED system contains a plurality of high brightness white LED's combined with a high reflectance upper reflector and transitional lens producing even distribution with no pixilation. Rated for 50,000 hours at 70% lumen maintenance. Color variation within 3-step MacAdam ellipses. Flexible disconnect allows for tool-less replacement of LED engine from below ceiling. Available in 80, 90 or 97 CRI. D2W™ – dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources.

Driver

Combination 0-10V/trailing edge driver provides flicker free dimming from 100% to 10%. Optional 1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem. Driver can be serviced from above or through the aperture. 1000 - 7000 lumen utilize one driver.

8000-12,000 utilize two drivers, 15,000-20,000 lumen utilizes three drivers.

Code Compliance

Thermally protected and cULus listed for protected wet locations. cCSAus certified. Optional City of Chicago environmental air (CCEA) marking for plenum applications. EMI/ RFI emissions per FCC 47CFR Part 18 Class B consumer limits. IC rated up to 2000 lumens. 3000 lumens and above are non-IC rated - Insulation must be kept 3" from top and sides of housing. RoHS Compliant. Photometric testing completed in accordance with IES LM 79 standards. LED life testing completed in accordance with LM 80 standards. 8000 lumen and above are marked spacing and must follow spacing requirements.

Warranty

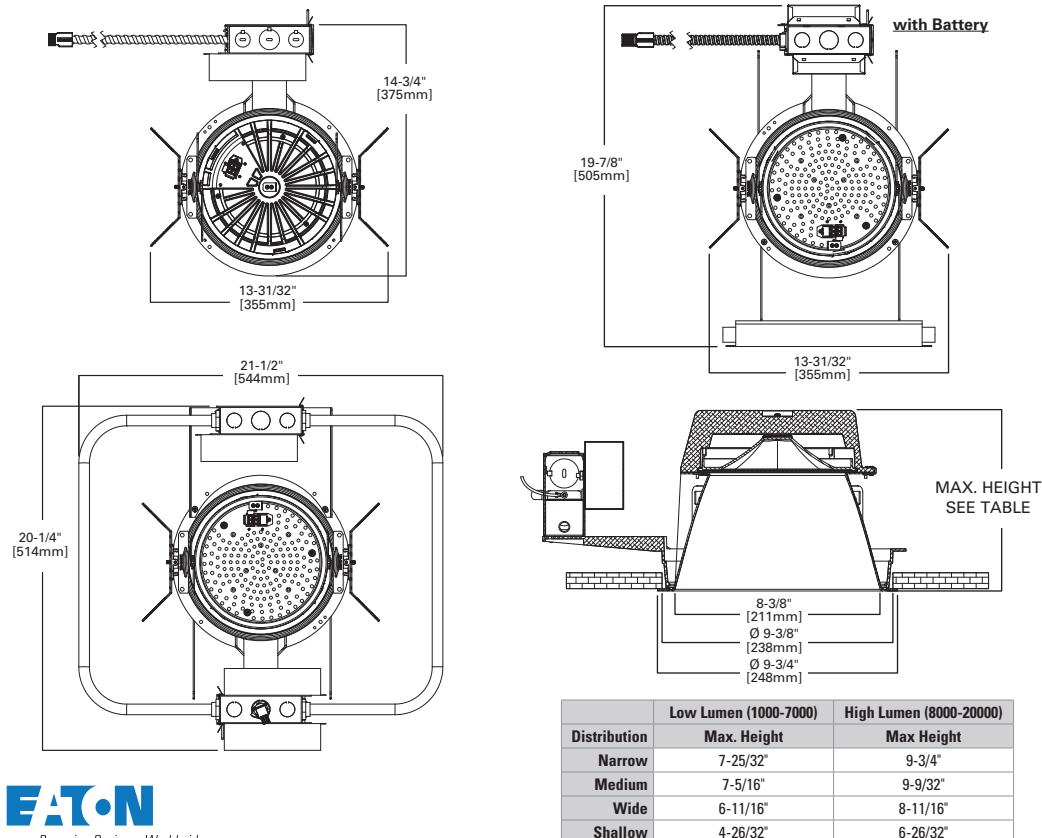
5-year warranty.



LD8B ER8B 8LB

1,000-20,000 Lumen LED

8-Inch Narrow, Medium, or Wide
Downlight
New Construction



ORDERING INFORMATION

SAMPLE NUMBER: LD8B50D010IEMBOD

Housing	Lumens ¹	Driver	Color Control ⁹	Voltage
LD8B=LED Downlight 8" Nominal Aperture LD8BCP=LED Downlight 8" Nominal Aperture, Chicago Plenum	10=1000 lumens 15=1500 lumens 20=2000 lumens 30=3000 lumens 40=4000 lumens 50=5000 lumens 60=6000 lumens 70=7000 lumens 80=8000 lumens ⁸ 90=9000 lumens ⁸ 100=10000 lumens ⁸ 120=12000 lumens ⁸ 150=15000 lumens ⁸ 175=17500 lumens ⁸ 200=20000 lumens ⁸	1000-4000 Lumen and 8000-9000 Lumen D010=0-10V Dimming, 1% to 100%, 120V-277V D010TR=0-10V 120-277V or 120V Line Voltage Dimming, 1% to 100%, 120V-277V DE010=0-10V Dimming, 0% to 100%, 120V-277V D5LT=Fifth Light® (DALI) Dimming, 0% to 100%, 120V-277V DMX=DMX Dimming, 0% to 100%, 120V-277V⁷ DL2=Lutron® Hi-Lume Forward Phase Dimming, 1% to 100%, 120V Only DL3=Lutron® Hi-Lume 3 Wire Dimming, 1% to 100%, 120V-277V DLE=Lutron Ecosystem dimming 1% to 100%, 120V-277V 1000 - 3000 Lumen DLV=Low voltage dimming driver (1-100%) for use with DLVP system (3000 lumen and below)^{3,2} 5000, 6000,7000, 10,000, 12,000 15,000, 17,500 and 20,000 Lumen D010TE=0-10V or Trailing Edge Dimming, 5% to 100%, 120V-277V (120V Only for Trailing Edge Dimming)	4000, 6000 & 9000 lumens D2W=2 drivers for 4000 and 6000 lumen. 3 drivers for 9000 lumen.	Blank=120-277 7000 lumen and below. D2W below 3000 lumens 1=120V 8000 lumen and above. D2W and DMX above 4000 lumens. 2=277V 8000 lumen and above. D2W and DMX above 4000 lumens. 3=347V step down transformer
Control Options		Options		
SWPD1=Factory Installed WaveLinX Tilemount Daylight Sensor (includes Control Module, Sensor, Cable and Tile Mount (use with 0-10V driver)^{2,7} LWTPD1=Factory Installed LumaWatt Pro Wireless Sensor Kit (use with 0-10V driver)^{2,7}		EMBOD=Bodine® Emergency Module with Remote Test Switch³ EM7=7W Emergency Module with Remote Test Switch^{3,4} EM14=14W Emergency Module with Remote Test Switch^{3,4} EMBOD=Bodine® Emergency Module with Integral Test Switch³ IEM7=7W Emergency Module with Integral Test Switch^{3,4} IEM14=14W Emergency Module with Integral Test Switch^{3,4} EMV7=7W Low Voltage Emergency Module with Remote Test Switch^{3,4} EMV14=14W Low Voltage Emergency Module with Remote Test Switch^{3,4} IEMV7=7W Low Voltage Emergency Module with Integral Test Switch^{3,4} IEMV14=14W Low Voltage Emergency Module with Integral Test Switch^{3,4}		

SAMPLE NUMBER: ER8B30408035

Power Module	Lumen Levels ¹	Color		
ER8B=8" LED Module	1020=1000, 1500, 2000 lumens 3040=3000 or 4000 lumens, 3000 IC Rated 5070=5000, 6000, or 7000 lumens 80120=8000, 9000, 10000, or 12000 lumens 150200=15000 or 20000 lumens	80 CRI 8027= 80CRI, 2700K 8030= 80CRI, 3000K 8035= 80CRI, 3500K 8040= 80CRI, 4000K 8050= 80CRI, 5000K	90 CRI 9027= 90CRI, 2700K 9030= 90CRI, 3000K 9035= 90CRI, 3500K 9040= 90CRI, 4000K 9050= 90CRI, 5000K	97 CRI 9727= 97CRI, 2700K 9730= 97CRI, 3000K
	Dim 2 Warm 109030D2W=1000 Lumen, 90 CRI, Dim 2 Warm, IC Rated 159030D2W=1500 Lumen, 90 CRI, Dim 2 Warm, IC Rated 209030D2W=2000 Lumen, 90 CRI, Dim 2 Warm, IC Rated 309030D2W=3000 Lumen, 90 CRI, Dim 2 Warm 409030D2W=4000 Lumen, 90 CRI, Dim 2 Warm 609030D2W=6000 Lumen, 90 CRI, Dim 2 Warm 909030D2W=9000 Lumen, 90 CRI, Dim 2 Warm			

SAMPLE NUMBER: 8LBM1LI

Trim	Distribution ⁵	Flange	Finish	Options
8LB=8" Reflector	N=Narrow Spun Aluminum M=Medium Spun Aluminum W=Wide Spun Aluminum S=Shallow Spun Aluminum	0=White Polymer Trim Ring 1=Self-flanged¹⁰ 2=White Painted Self-flanged	LI=Specular Clear H=Semi-Specular Clear WMH=Warm Haze WH=Wheat GPH=Graphite Haze B=Specular Black MW=Matte White	E=Integral Emergency Test Switch Hole⁶

Accessories

- HSA8=Slope Adapter for 8" Aperture Housings, Specify Slope**
- LGSKT8IP65=IP65 Gasket Kit**
- HSA8=Slope adapter for 8" aperture housings¹¹**
- Bar Hangers**
- HB26=C-channel Bar Hanger, 26" Long, Pair**
- HB50=C-channel Bar Hanger, 50" Long, Pair**
- Transformers**
- H347=347 to 120V Step Down Transformer, 75VA**
- H347200=347 to 120V Step Down Transformer, 200VA**
- Connected Lighting Systems**
- PORLWTPD1=LumaWatt Pro Wireless Sensor kit (use with 0-10V), field installed²**
- TMSWPD1=WaveLinX Tilemount Daylight Sensor (Includes Control Module, Sensor, cable and Tile Mount, use with 0-10V Driver) Field Installed²**

Notes:

- 1 Nominal Lumens will vary depending on selected color, driver and reflector finish.
- 2 Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory.
- 3 Not available with Chicago Plenum.
- 4 ULus listed only
- 5 Beam angles are nominal with LI finish trims. See chart.
- 6 Only available with Narrow, Medium and Wide Spun Aluminum trims. Required for use with all IEMBOD, IEM7, IEM14, IEMV7 and IEMV14 housings.
- 7 DMX fixtures default to full on upon loss of DMX signal
- 8 Product is marked spacing and must be installed with the following minimum spacing
 - Center to center of adjacent luminaires: 36"
 - Center of luminaire to side of building member: 18"
 - Minimum overhead: 1/2"
 - 20,000 Lumens minimum overhead: 6"
- 9 Field required for D2W 4000, 6000 and 9000 lumens only.
- 10 Flange is the same finish as the reflector.
- 11 Consult accessory specification sheet for ordering information.

	NOMINAL BEAM ANGLES WITH LI FINISH			
	Narrow	Medium	Wide	Shallow
1000-7000	15	40	73	86
8000-12000	30	44	73	86
15000-20000	34	46	73	86

ENERGY DATA

Sound Rating: Class A standards
(Values at non-dimming line voltage)
Minimum Starting Temperature: -20°C (-4°F)
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Power Factor: >0.90
Input Frequency: 50-60Hz

1000 Lumen D010	
Input Power: 11W	THD <14%
Input Current: 0.11A	277V Input Current: 0.04A

1500 Lumen D010	
Input Power: 15.5 W	THD <13%
Input Current: 0.15A	277V Input Current: 0.06A

2000 Lumen D010	
Input Power: 21.2 W	THD <9%
Input Current: 0.2A	277V Input Current: 0.08A

3000 Lumen D010	
Input Power: 27.6 W	THD <10%
Input Current: 0.25A	277V Input Current: 0.11A

4000 Lumen D010	
Input Power: 41.6 W	THD <13%
Input Current: 0.37A	277V Input Current: 0.16A

5000 Lumen D010TE	
Input Power: 57.9 W	THD <14%
Input Current: 0.41A	277V Input Current: 0.18A

6000 Lumen D010TE	
Input Power: 59.7 W	THD <14%
Input Current: 0.49A	277V Input Current: 0.21A

7000 Lumen D010TE	
Input Power: 75.8 W	THD <13%
Input Current: 0.6A	277V Input Current: 0.25A

8000 Lumen D010	
Input Power: 73.8 W	THD <13%
Input Current: 0.61A	277V Input Current: 0.26A

9000 Lumen D010	
Input Power: 86.9 W	THD <13%
Input Current: 0.83A	277V Input Current: 0.32A

10000 Lumen D010TE	
Input Power: 115.4 W	THD <13%
Input Current: 0.83A	277V Input Current: 0.36A

12000 Lumen D010TE	
Input Power: 119.4 W	THD <13%
Input Current: 0.98A	277V Input Current: 0.42A

15000 Lumen D010TE	
Input Power: 173.7 W	THD <13%
Input Current: 1.25A	277V Input Current: 0.42A

17500 Lumen D010TE	
Input Power: 179.1 W	THD <13%
Input Current: 1.47A	277V Input Current: 0.63A

20000 Lumen D010TE	
Input Power: 227.4 W	THD <13%
Input Current: 1.8A	277V Input Current: 0.77A

COLOR METRIC SUMMARY

8027		8030		8035		8040		8050	
R_f	93.2	R_f	83.4	R_f	83.7	R_f	83.3	R_f	82.5
R_g	94.1	R_g	94.4	R_g	94.8	R_g	94	R_g	94.3
CRI	81.3	CRI	82.4	CRI	9.1	CRI	83.7	CRI	94.2
R_9	0.7	R_9	4.5	R_9	9.1	R_9	9.9	R_9	11.9

9027		9030		9035		9040		9050	
R_f	92	R_f	91.6	R_f	90.9	R_f	89.4	R_f	88.4
R_g	98.4	R_g	98.6	R_g	98.3	R_g	96.6	R_g	96.8
CRI	93.4	CRI	93.2	CRI	93.3	CRI	91.8	CRI	91
R_9	59.3	R_9	60.2	R_9	63.1	R_9	58	R_9	55.2

9727		9730	
R_f	95	R_f	94.2
R_g	100.1	R_g	99.6
CRI	98	CRI	98.5
R_9	93.9	R_9	94.7

PHOTOMETRY

NARROW (15° BEAM)	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE																																																																																	
Test Number Housing LD8B50D010 Module ER8B50835 Trim 8LBN0H Lumens 4986 Efficacy 94.1 Lm/W SC 0.32			<table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>18310</td></tr> <tr><td>5</td><td>14091</td></tr> <tr><td>15</td><td>5762</td></tr> <tr><td>25</td><td>3117</td></tr> <tr><td>35</td><td>1021</td></tr> <tr><td>45</td><td>99</td></tr> <tr><td>55</td><td>5</td></tr> <tr><td>65</td><td>1</td></tr> <tr><td>75</td><td>1</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>1144.4</td><td>1.2</td><td>1.2</td></tr> <tr><td>7'</td><td>373.7</td><td>2.2</td><td>2.2</td></tr> <tr><td>9'</td><td>226.1</td><td>2.8</td><td>2.8</td></tr> <tr><td>13'</td><td>108.3</td><td>4</td><td>4</td></tr> <tr><td>16'</td><td>71.5</td><td>5</td><td>5</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	18310	5	14091	15	5762	25	3117	35	1021	45	99	55	5	65	1	75	1	85	0	90	0	MH	FC	L	W	4'	1144.4	1.2	1.2	7'	373.7	2.2	2.2	9'	226.1	2.8	2.8	13'	108.3	4	4	16'	71.5	5	5	<table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>4214</td><td>84.5</td></tr> <tr><td>0-40</td><td>4883</td><td>97.9</td></tr> <tr><td>0-60</td><td>4983</td><td>99.9</td></tr> <tr><td>0-90</td><td>4986</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>4986</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	% Fixture	0-30	4214	84.5	0-40	4883	97.9	0-60	4983	99.9	0-90	4986	100	90-180	0	0	0-180	4986	100	<table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>4330</td></tr> <tr><td>55</td><td>253</td></tr> <tr><td>65</td><td>88</td></tr> <tr><td>75</td><td>143</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>	Average Candela Degrees	Average 0° Luminance	45	4330	55	253	65	88	75	143	85	0
Degrees Vertical	Candela																																																																																					
0	18310																																																																																					
5	14091																																																																																					
15	5762																																																																																					
25	3117																																																																																					
35	1021																																																																																					
45	99																																																																																					
55	5																																																																																					
65	1																																																																																					
75	1																																																																																					
85	0																																																																																					
90	0																																																																																					
MH	FC	L	W																																																																																			
4'	1144.4	1.2	1.2																																																																																			
7'	373.7	2.2	2.2																																																																																			
9'	226.1	2.8	2.8																																																																																			
13'	108.3	4	4																																																																																			
16'	71.5	5	5																																																																																			
Zone	Lumens	% Fixture																																																																																				
0-30	4214	84.5																																																																																				
0-40	4883	97.9																																																																																				
0-60	4983	99.9																																																																																				
0-90	4986	100																																																																																				
90-180	0	0																																																																																				
0-180	4986	100																																																																																				
Average Candela Degrees	Average 0° Luminance																																																																																					
45	4330																																																																																					
55	253																																																																																					
65	88																																																																																					
75	143																																																																																					
85	0																																																																																					

NARROW (15° BEAM)	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE																																																																																	
Test Number Housing LD8B50D010 Module ER8B50835 Trim 8LBN0LI Lumens 5248 Efficacy 99 Lm/W SC 0.25			<table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>25712</td></tr> <tr><td>5</td><td>17790</td></tr> <tr><td>15</td><td>5743</td></tr> <tr><td>25</td><td>3148</td></tr> <tr><td>35</td><td>879</td></tr> <tr><td>45</td><td>101</td></tr> <tr><td>55</td><td>7</td></tr> <tr><td>65</td><td>7</td></tr> <tr><td>75</td><td>4</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>1607</td><td>1</td><td>1</td></tr> <tr><td>7'</td><td>524.7</td><td>1.6</td><td>1.6</td></tr> <tr><td>9'</td><td>317.4</td><td>2.2</td><td>2.2</td></tr> <tr><td>13'</td><td>152.1</td><td>3.2</td><td>3.2</td></tr> <tr><td>16'</td><td>100.4</td><td>4</td><td>4</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	25712	5	17790	15	5743	25	3148	35	879	45	101	55	7	65	7	75	4	85	0	90	0	MH	FC	L	W	4'	1607	1	1	7'	524.7	1.6	1.6	9'	317.4	2.2	2.2	13'	152.1	3.2	3.2	16'	100.4	4	4	<table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>4514</td><td>86</td></tr> <tr><td>0-40</td><td>5134</td><td>97.8</td></tr> <tr><td>0-60</td><td>5238</td><td>99.8</td></tr> <tr><td>0-90</td><td>5248</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>5248</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	% Fixture	0-30	4514	86	0-40	5134	97.8	0-60	5238	99.8	0-90	5248	100	90-180	0	0	0-180	5248	100	<table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>4422</td></tr> <tr><td>55</td><td>382</td></tr> <tr><td>65</td><td>518</td></tr> <tr><td>75</td><td>429</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>	Average Candela Degrees	Average 0° Luminance	45	4422	55	382	65	518	75	429	85	0
Degrees Vertical	Candela																																																																																					
0	25712																																																																																					
5	17790																																																																																					
15	5743																																																																																					
25	3148																																																																																					
35	879																																																																																					
45	101																																																																																					
55	7																																																																																					
65	7																																																																																					
75	4																																																																																					
85	0																																																																																					
90	0																																																																																					
MH	FC	L	W																																																																																			
4'	1607	1	1																																																																																			
7'	524.7	1.6	1.6																																																																																			
9'	317.4	2.2	2.2																																																																																			
13'	152.1	3.2	3.2																																																																																			
16'	100.4	4	4																																																																																			
Zone	Lumens	% Fixture																																																																																				
0-30	4514	86																																																																																				
0-40	5134	97.8																																																																																				
0-60	5238	99.8																																																																																				
0-90	5248	100																																																																																				
90-180	0	0																																																																																				
0-180	5248	100																																																																																				
Average Candela Degrees	Average 0° Luminance																																																																																					
45	4422																																																																																					
55	382																																																																																					
65	518																																																																																					
75	429																																																																																					
85	0																																																																																					

MEDIUM (40° BEAM)	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE																																																																																	
Test Number Housing LD8B50D010 Module ER8B50835 Trim 8LBM0H Lumens 5426 Efficacy 102.4 Lm/W SC 0.8			<table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>7197</td></tr> <tr><td>5</td><td>7141</td></tr> <tr><td>15</td><td>5914</td></tr> <tr><td>25</td><td>3883</td></tr> <tr><td>35</td><td>1774</td></tr> <tr><td>45</td><td>244</td></tr> <tr><td>55</td><td>16</td></tr> <tr><td>65</td><td>2</td></tr> <tr><td>75</td><td>1</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>449.8</td><td>3.2</td><td>3.2</td></tr> <tr><td>7'</td><td>146.9</td><td>5.6</td><td>5.6</td></tr> <tr><td>9'</td><td>88.8</td><td>7.2</td><td>7.2</td></tr> <tr><td>13'</td><td>42.6</td><td>10.4</td><td>10.4</td></tr> <tr><td>16'</td><td>28.1</td><td>12.8</td><td>12.8</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	7197	5	7141	15	5914	25	3883	35	1774	45	244	55	16	65	2	75	1	85	0	90	0	MH	FC	L	W	4'	449.8	3.2	3.2	7'	146.9	5.6	5.6	9'	88.8	7.2	7.2	13'	42.6	10.4	10.4	16'	28.1	12.8	12.8	<table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>4078</td><td>75.2</td></tr> <tr><td>0-40</td><td>5174</td><td>95.4</td></tr> <tr><td>0-60</td><td>5422</td><td>99.9</td></tr> <tr><td>0-90</td><td>5426</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>5426</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	% Fixture	0-30	4078	75.2	0-40	5174	95.4	0-60	5422	99.9	0-90	5426	100	90-180	0	0	0-180	5426	100	<table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>10619</td></tr> <tr><td>55</td><td>887</td></tr> <tr><td>65</td><td>175</td></tr> <tr><td>75</td><td>143</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>	Average Candela Degrees	Average 0° Luminance	45	10619	55	887	65	175	75	143	85	0
Degrees Vertical	Candela																																																																																					
0	7197																																																																																					
5	7141																																																																																					
15	5914																																																																																					
25	3883																																																																																					
35	1774																																																																																					
45	244																																																																																					
55	16																																																																																					
65	2																																																																																					
75	1																																																																																					
85	0																																																																																					
90	0																																																																																					
MH	FC	L	W																																																																																			
4'	449.8	3.2	3.2																																																																																			
7'	146.9	5.6	5.6																																																																																			
9'	88.8	7.2	7.2																																																																																			
13'	42.6	10.4	10.4																																																																																			
16'	28.1	12.8	12.8																																																																																			
Zone	Lumens	% Fixture																																																																																				
0-30	4078	75.2																																																																																				
0-40	5174	95.4																																																																																				
0-60	5422	99.9																																																																																				
0-90	5426	100																																																																																				
90-180	0	0																																																																																				
0-180	5426	100																																																																																				
Average Candela Degrees	Average 0° Luminance																																																																																					
45	10619																																																																																					
55	887																																																																																					
65	175																																																																																					
75	143																																																																																					
85	0																																																																																					

MEDIUM (40° BEAM)	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE																																																																																	
Test Number Housing LD8B50D010 Module ER8B50835 Trim 8LBM0LI Lumens 5711 Efficacy 107.8 Lm/W SC 0.63			<table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>9963</td></tr> <tr><td>5</td><td>9498</td></tr> <tr><td>15</td><td>6587</td></tr> <tr><td>25</td><td>3908</td></tr> <tr><td>35</td><td>1559</td></tr> <tr><td>45</td><td>219</td></tr> <tr><td>55</td><td>27</td></tr> <tr><td>65</td><td>7</td></tr> <tr><td>75</td><td>2</td></tr> <tr><td>85</td><td>0</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr><td>4'</td><td>622.7</td><td>2.4</td><td>2.4</td></tr> <tr><td>7'</td><td>203.3</td><td>4.4</td><td>4.4</td></tr> <tr><td>9'</td><td>123</td><td>5.6</td><td>5.6</td></tr> <tr><td>13'</td><td>59</td><td>8</td><td>8</td></tr> <tr><td>16'</td><td>38.9</td><td>10</td><td>10</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	9963	5	9498	15	6587	25	3908	35	1559	45	219	55	27	65	7	75	2	85	0	90	0	MH	FC	L	W	4'	622.7	2.4	2.4	7'	203.3	4.4	4.4	9'	123	5.6	5.6	13'	59	8	8	16'	38.9	10	10	<table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>4491</td><td>78.6</td></tr> <tr><td>0-40</td><td>5481</td><td>96</td></tr> <tr><td>0-60</td><td>5702</td><td>99.8</td></tr> <tr><td>0-90</td><td>5711</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>5711</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	% Fixture	0-30	4491	78.6	0-40	5481	96	0-60	5702	99.8	0-90	5711	100	90-180	0	0	0-180	5711	100	<table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>9546</td></tr> <tr><td>55</td><td>1435</td></tr> <tr><td>65</td><td>518</td></tr> <tr><td>75</td><td>214</td></tr> <tr><td>85</td><td>0</td></tr> </tbody> </table>	Average Candela Degrees	Average 0° Luminance	45	9546	55	1435	65	518	75	214	85	0
Degrees Vertical	Candela																																																																																					
0	9963																																																																																					
5	9498																																																																																					
15	6587																																																																																					
25	3908																																																																																					
35	1559																																																																																					
45	219																																																																																					
55	27																																																																																					
65	7																																																																																					
75	2																																																																																					
85	0																																																																																					
90	0																																																																																					
MH	FC	L	W																																																																																			
4'	622.7	2.4	2.4																																																																																			
7'	203.3	4.4	4.4																																																																																			
9'	123	5.6	5.6																																																																																			
13'	59	8	8																																																																																			
16'	38.9	10	10																																																																																			
Zone	Lumens	% Fixture																																																																																				
0-30	4491	78.6																																																																																				
0-40	5481	96																																																																																				
0-60	5702	99.8																																																																																				
0-90	5711	100																																																																																				
90-180	0	0																																																																																				
0-180	5711	100																																																																																				
Average Candela Degrees	Average 0° Luminance																																																																																					
45	9546																																																																																					
55	1435																																																																																					
65	518																																																																																					
75	214																																																																																					
85	0																																																																																					

PHOTOMETRY

SHALLOW (86° BEAM)	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE																																																																																	
Test Number Housing LD8B50D010 Module ER8B50835 Trim 8LBS0H Lumens 6035 Efficacy 113.9 Lm/W SC 1.2		<table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>4'</td> <td>218.9</td> <td>4.6</td> <td>4.6</td> </tr> <tr> <td>7'</td> <td>71.5</td> <td>8.2</td> <td>8.2</td> </tr> <tr> <td>9'</td> <td>43.2</td> <td>10.6</td> <td>10.6</td> </tr> <tr> <td>13'</td> <td>20.7</td> <td>15.4</td> <td>15.4</td> </tr> <tr> <td>16'</td> <td>13.7</td> <td>19</td> <td>19</td> </tr> </tbody> </table>	MH	FC	L	W	4'	218.9	4.6	4.6	7'	71.5	8.2	8.2	9'	43.2	10.6	10.6	13'	20.7	15.4	15.4	16'	13.7	19	19	<table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>3502</td></tr> <tr><td>5</td><td>3477</td></tr> <tr><td>15</td><td>3322</td></tr> <tr><td>25</td><td>3056</td></tr> <tr><td>35</td><td>2525</td></tr> <tr><td>45</td><td>1630</td></tr> <tr><td>55</td><td>459</td></tr> <tr><td>65</td><td>84</td></tr> <tr><td>75</td><td>18</td></tr> <tr><td>85</td><td>4</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	3502	5	3477	15	3322	25	3056	35	2525	45	1630	55	459	65	84	75	18	85	4	90	0	<table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>2670</td><td>44.2</td></tr> <tr><td>0-40</td><td>4240</td><td>70.2</td></tr> <tr><td>0-60</td><td>5920</td><td>98.1</td></tr> <tr><td>0-90</td><td>6035</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>6035</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	% Fixture	0-30	2670	44.2	0-40	4240	70.2	0-60	5920	98.1	0-90	6035	100	90-180	0	0	0-180	6035	100	<table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>71087</td></tr> <tr><td>55</td><td>24682</td></tr> <tr><td>65</td><td>6100</td></tr> <tr><td>75</td><td>2121</td></tr> <tr><td>85</td><td>1274</td></tr> </tbody> </table>	Average Candela Degrees	Average 0° Luminance	45	71087	55	24682	65	6100	75	2121	85	1274
MH	FC	L	W																																																																																			
4'	218.9	4.6	4.6																																																																																			
7'	71.5	8.2	8.2																																																																																			
9'	43.2	10.6	10.6																																																																																			
13'	20.7	15.4	15.4																																																																																			
16'	13.7	19	19																																																																																			
Degrees Vertical	Candela																																																																																					
0	3502																																																																																					
5	3477																																																																																					
15	3322																																																																																					
25	3056																																																																																					
35	2525																																																																																					
45	1630																																																																																					
55	459																																																																																					
65	84																																																																																					
75	18																																																																																					
85	4																																																																																					
90	0																																																																																					
Zone	Lumens	% Fixture																																																																																				
0-30	2670	44.2																																																																																				
0-40	4240	70.2																																																																																				
0-60	5920	98.1																																																																																				
0-90	6035	100																																																																																				
90-180	0	0																																																																																				
0-180	6035	100																																																																																				
Average Candela Degrees	Average 0° Luminance																																																																																					
45	71087																																																																																					
55	24682																																																																																					
65	6100																																																																																					
75	2121																																																																																					
85	1274																																																																																					

SHALLOW (86° BEAM)	CANDLEPOWER DISTRIBUTION	CONE OF LIGHT	CANDELA TABLE	ZONAL LUMEN SUMMARY	LUMINANCE																																																																																	
Test Number Housing LD8B50D010 Module ER8B50835 Trim 8LBS0LI Lumens 6206 Efficacy 117.1 Lm/W SC 1.28		<table border="1"> <thead> <tr> <th>MH</th> <th>FC</th> <th>L</th> <th>W</th> </tr> </thead> <tbody> <tr> <td>4'</td> <td>216.3</td> <td>5</td> <td>5</td> </tr> <tr> <td>7'</td> <td>70.6</td> <td>8.8</td> <td>8.8</td> </tr> <tr> <td>9'</td> <td>42.7</td> <td>11.4</td> <td>11.4</td> </tr> <tr> <td>13'</td> <td>20.5</td> <td>16.6</td> <td>16.6</td> </tr> <tr> <td>16'</td> <td>13.5</td> <td>20.4</td> <td>20.4</td> </tr> </tbody> </table>	MH	FC	L	W	4'	216.3	5	5	7'	70.6	8.8	8.8	9'	42.7	11.4	11.4	13'	20.5	16.6	16.6	16'	13.5	20.4	20.4	<table border="1"> <thead> <tr> <th>Degrees Vertical</th> <th>Candela</th> </tr> </thead> <tbody> <tr><td>0</td><td>3460</td></tr> <tr><td>5</td><td>3462</td></tr> <tr><td>15</td><td>3498</td></tr> <tr><td>25</td><td>3343</td></tr> <tr><td>35</td><td>2681</td></tr> <tr><td>45</td><td>1591</td></tr> <tr><td>55</td><td>418</td></tr> <tr><td>65</td><td>57</td></tr> <tr><td>75</td><td>5</td></tr> <tr><td>85</td><td>2</td></tr> <tr><td>90</td><td>0</td></tr> </tbody> </table>	Degrees Vertical	Candela	0	3460	5	3462	15	3498	25	3343	35	2681	45	1591	55	418	65	57	75	5	85	2	90	0	<table border="1"> <thead> <tr> <th>Zone</th> <th>Lumens</th> <th>% Fixture</th> </tr> </thead> <tbody> <tr><td>0-30</td><td>2850</td><td>45.9</td></tr> <tr><td>0-40</td><td>4513</td><td>72.7</td></tr> <tr><td>0-60</td><td>6132</td><td>98.8</td></tr> <tr><td>0-90</td><td>6206</td><td>100</td></tr> <tr><td>90-180</td><td>0</td><td>0</td></tr> <tr><td>0-180</td><td>6206</td><td>100</td></tr> </tbody> </table>	Zone	Lumens	% Fixture	0-30	2850	45.9	0-40	4513	72.7	0-60	6132	98.8	0-90	6206	100	90-180	0	0	0-180	6206	100	<table border="1"> <thead> <tr> <th>Average Candela Degrees</th> <th>Average 0° Luminance</th> </tr> </thead> <tbody> <tr><td>45</td><td>69395</td></tr> <tr><td>55</td><td>22488</td></tr> <tr><td>65</td><td>4159</td></tr> <tr><td>75</td><td>631</td></tr> <tr><td>85</td><td>637</td></tr> </tbody> </table>	Average Candela Degrees	Average 0° Luminance	45	69395	55	22488	65	4159	75	631	85	637
MH	FC	L	W																																																																																			
4'	216.3	5	5																																																																																			
7'	70.6	8.8	8.8																																																																																			
9'	42.7	11.4	11.4																																																																																			
13'	20.5	16.6	16.6																																																																																			
16'	13.5	20.4	20.4																																																																																			
Degrees Vertical	Candela																																																																																					
0	3460																																																																																					
5	3462																																																																																					
15	3498																																																																																					
25	3343																																																																																					
35	2681																																																																																					
45	1591																																																																																					
55	418																																																																																					
65	57																																																																																					
75	5																																																																																					
85	2																																																																																					
90	0																																																																																					
Zone	Lumens	% Fixture																																																																																				
0-30	2850	45.9																																																																																				
0-40	4513	72.7																																																																																				
0-60	6132	98.8																																																																																				
0-90	6206	100																																																																																				
90-180	0	0																																																																																				
0-180	6206	100																																																																																				
Average Candela Degrees	Average 0° Luminance																																																																																					
45	69395																																																																																					
55	22488																																																																																					
65	4159																																																																																					
75	631																																																																																					
85	637																																																																																					

Nominal Scaling From 80 CRI 3500K		
CRI	CCT	Lumen Mult
80	2700	0.938
80	3000	0.962
80	3500	1.000
80	4000	0.993
80	5000	1.013
90	2700	0.784
90	3000	0.826
90	3500	0.853
90	4000	0.891
90	5000	0.922
97	2700	0.696
97	3000	0.737

Nominal Scaling From 5000 lumen package	
LUMEN PACKAGE	LUMEN MULT
1000 LUMEN	0.207
1500 LUMEN	0.280
2000 LUMEN	0.398
3000 LUMEN	0.562
4000 LUMEN	0.799
5000 LUMEN	1.000
6000 LUMEN	1.133
7000 LUMEN	1.368
8000 LUMEN	1.535
9000 LUMEN	1.729
10,000 LUMEN	1.994
12,000 LUMEN	2.261
15,000 LUMEN	2.949
17,500 LUMEN	3.329
20,000 LUMEN	3.924



STEWART + REINDERSMA ARCHITECTURE, PLLC.

January 28, 2019

RE: Christian Brothers Automotive
5627 South Power Road
Mesa, AZ 85212
SRA Project No.: 18-070
Case Number: PRS18-00910

The proposed project is a new single-story light automotive repair facility. The stand-alone building is 5,810 S.F. comprised of two areas. The “cottage” area is for patrons scheduling vehicle service appointments or waiting for repair services to be completed. The “tech” area is comprised of ten service bays (five on each side) used by staff to repair vehicles.

The project site is located in between a new auto car wash to the north and a used auto sales dealership to the south along South Power Road. Christian Brothers Automotive will be designed and constructed as a wood framed building with a locally-sourced stone base wainscot, painted stucco veneer, and clay tile roofing. The facility will also include building mounted signage and will have aluminum and glass storefront windows and doors. The service bays will have sectional overhead doors (not facing South Power Road) for vehicular ingress and egress. Site improvements will include a continuation of the approved shared access drive at the northeast of the property, extensions of utilities to the building pad, a concrete sidewalk linking to the existing South Power Road R.O.W. sidewalk, new parking spaces, a new fully screened dumpster enclosure per City of Mesa guidelines, landscaping, and an irrigation system.

Sincerely,

Stewart + Reindersma Architecture, PLLC

Sake Reindersma, AIA
Sr. Partner