

THE WATER HOLE REBUILD

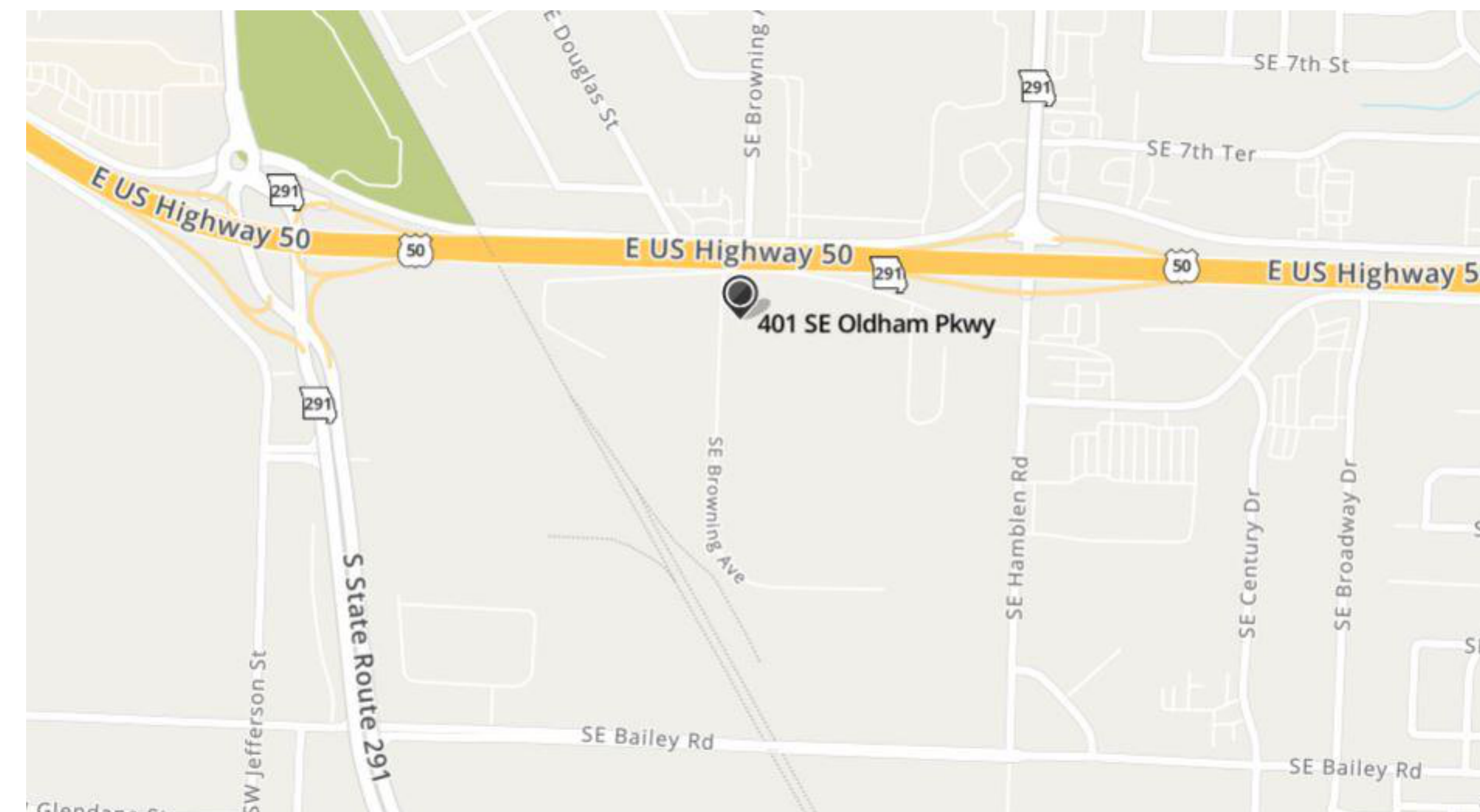
FINAL DEVELOPMENT PLAN

NOVEMBER 04, 2022



THE WATER HOLE REBUILD
401 SE OLDHAM PARKWAY
LEE'S SUMMIT, MO 64081
FINAL DEVELOPMENT PLAN

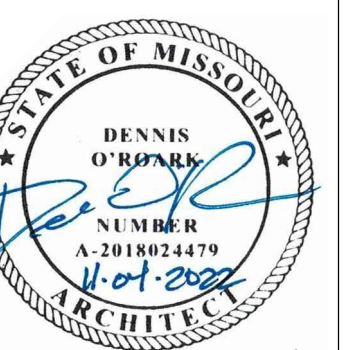
ABBREVIATIONS									
A	A/C	AIR CONDITIONING	G	GA.	GALV.	GALVANIZED	R	R'S	RISERS
AV	AV	AUDIO/VISUAL	GA.	GA.	GALV.	GALVANIZED	RD	RD	ROOF DRAIN
ACT	ACT	ACOUSTICAL CEILING TILE	GFRC	GFRC	GYP.	GYP.	RE.	RE.	REFERENCE/REFER TO
A.F.F.	A.F.F.	ABOVE FINISHED FLOOR	GYP.	GYP.	GYP.	GYP.	REINF.	REINF.	REINFORCING
AHU	AHU	AIR HANDLING UNIT	H	HDR	HDR	HDR	REQ'D/REQ'S	REQ'D/REQ'S	REQUIRED/REQUIREMENTS
ALUM.	ALUM.	ALUMINUM	HDR	HDR	HDR	HDR	REV.	REV.	REVISION
APPROX.	APPROX.	APPROXIMATELY	H.M.	H.M.	H.M.	H.M.	RM.	RM.	ROOM
ARCH.	ARCH.	ARCHITECT/ARCHITECTURAL	HORIZ.	HORIZ.	HORIZ.	HORIZ.	R.O.	R.O.	ROUGH OPENING
B	BD.	BOARD	HT.	HT.	HT.	HT.	RTU	RTU	ROOF TOP UNIT
BLDG.	BLDG.	BUILDING	HVAC	HVAC	HVAC	HVAC	R/W	R/W	RIGHT OF WAY
B.O.	B.O.	BOTTOM OF	I	I.D.	I.D.	I.D.	S	SAN.	SANITARY
BOT.	BOT.	BOTTOM	IN.	IN.	IN.	IN.	SCH./SCHED.	SCH./SCHED.	SCHEDULE
BRG.	BRG.	BEARING	INFO	INFO	INFO	INFO	SECT.	SECT.	SECTION
C	CFM	CUBIC FEET PER MINUTE	INSUL.	INSUL.	INSUL.	INSUL.	S.F.	S.F.	SQUARE FEET/FOOT
C.I.P.	C.I.P.	CAST IN PLACE	J	JAN.	JAN.	JAN.	SHT.	SHT.	SHEET
CJ	CJ	CONTROL JOINT	JST.	JST.	JST.	JST.	SIM.	SIM.	SIMILAR
CLG.	CLG.	CEILING	JT.	JT.	JT.	JT.	SOG	SOG	SLAB ON GRADE
CLOS.	CLOS.	CLOSET	K	KIT.	KIT.	KIT.	SQ.	SQ.	SQUARE
CLR.	CLR.	CLEAR/CLEARANCE	L	LAV.	LAV.	LAV.	SS	SS	STAINLESS STEEL
CMU	CMU	CONCRETE MASONRY UNIT	L.F.	L.F.	L.F.	L.F.	STC	STC	SOUND TRANSMISSION COEFFICIENT
COL.	COL.	COLUMN	LT.	LT.	LT.	LT.	STD.	STD.	STANDARD
CONC.	CONC.	CONCRETE	M	MAX.	MAX.	MAX.	STL.	STL.	STEEL
CONST.	CONST.	CONSTRUCTION	MECH.	MECH.	MECH.	MECH.	STOR.	STOR.	STORAGE
CONT.	CONT.	CONTINUOUS	MFR.	MFR.	MFR.	MFR.	STRUC.	STRUC.	STRUCTURAL
CTR.	CTR.	CENTER	MIN.	MIN.	MIN.	MIN.	SUSP.	SUSP.	SUSPENDED
D	DBL	DOUBLE	MISC.	MISC.	MISC.	MISC.	S.Y.	S.Y.	SQUARE YARDS
DBL	DBL	DOUBLE	MTL.	MTL.	MTL.	MTL.	SYM.	SYM.	SYMMETRICAL
DEMO	DEMO	DEMOLISH/DEMOLITION	N	N/A	N/A	N/A	T	T	TREADS
DEPT.	DEPT.	DEPARTMENT	N.I.C.	N.I.C.	N.I.C.	N.I.C.	T&B	T&B	TOP & BOTTOM
DF	DF	DRINKING FOUNTAIN	NO.	NO.	NO.	NO.	T&G	T&G	TONGUE & GROOVE
DIA.	DIA.	DIAMETER	N.T.S.	N.T.S.	N.T.S.	N.T.S.	TEMP.	TEMP.	TEMPORARY
DIM.	DIM.	DIMENSION	O	O.C.	O.C.	O.C.	THRU	THRU	THROUGH
DR.	DR.	DOOR	O.D.	O.D.	O.D.	O.D.	T.O.	T.O.	TOP OF
DS	DS	DOWNSPOUT	O.H.	O.H.	O.H.	O.H.	TV.	TV.	TELEVISION
DTL	DTL	DETAIL	OVHD.	OVHD.	OVHD.	OVHD.	TYP.	TYP.	TYPICAL
DWG./DWGS.	DWG./DWGS.	DRAWING/DRAWINGS	OZ.	OZ.	OZ.	OZ.	U	U	UNDERGROUND
E	EA.	EACH	P	P	P	P	UNFIN.	UNFIN.	UNFINISHED
EF	EF	EXHAUST FAN	P.LAM	P.LAM	P.LAM	P.LAM	U.N.O.	U.N.O.	UNLESS NOTED OTHERWISE
EJ	EJ	EXPANSION JOIST	PREFAB.	PREFAB.	PREFAB.	PREFAB.	V	V	VINYL COMPOSITION TILE
EL.	EL.	ELEVATION (HEIGHT)	PREFIN.	PREFIN.	PREFIN.	PREFIN.	VERT.	VERT.	VERTICAL
ELEC.	ELEC.	ELECTRICAL	PSF	PSF	PSF	PSF	V.I.F.	V.I.F.	VERIFY IN FIELD
ELEV.	ELEV.	ELEVATION (DRAWING)	PSI	PSI	PSI	PSI	W	W	WITH
EQ.	EQ.	EQUAL	PTD.	PTD.	PTD.	PTD.	WC	WC	WATER CLOSET
EQUIP.	EQUIP.	EQUIPMENT	PVC	PVC	PVC	PVC	WD	WD	WOOD
EXIST.	EXIST.	EXISTING	Q	QTY.	QTY.	QTY.	WDW	WDW	WINDOW
EXP.	EXP.	EXPANSION/EXPANDED					WT.	WT.	WEIGHT
F	FD	FLOOR DRAIN					Y	Y	YARD/YARDS
FDC	FDC	FIRE DEPT. CONNECTION					YD.	YD.	YARD/YARDS
FDN.	FDN.	FOUNDATION							
FE	FE	FIRE EXTINGUISHER							
FEC	FEC	FIRE EXTINGUISHER CABINET							
FIN.	FIN.	FINISHED							
FLR.	FLR.	FLOOR							
FT.	FT.	FEET/FOOT							
FTG.	FTG.	FOOTING							



PROJECT LOCATION

SHEET INDEX	
SHEET NUMBER	SHEET NAME
CS 1	COVER SHEET
A1.01	FLOOR PLANS & ROOF PLAN
A2.01	EXTERIOR ELEVATIONS
A2.02	EXTERIOR ELEVATIONS
PH1.00	SITE PHOTOMETRIC PLAN

#	Description	Date



Date 11-04-2022
Drawn by DO
Checked by DO

COVER SHEET

CS 1
Scale 1/4" = 1'-0"

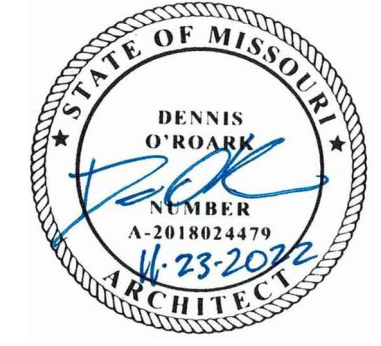
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12/14/2022



ARCHITECT

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1	CITY COMMENTS	12/02/22



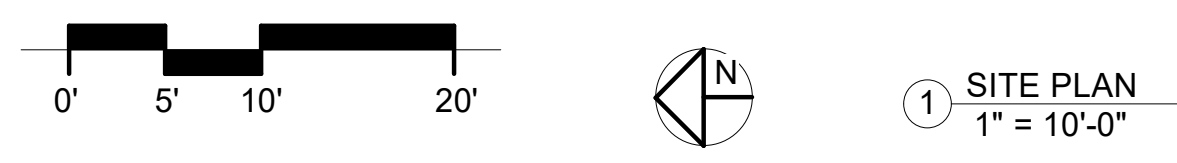
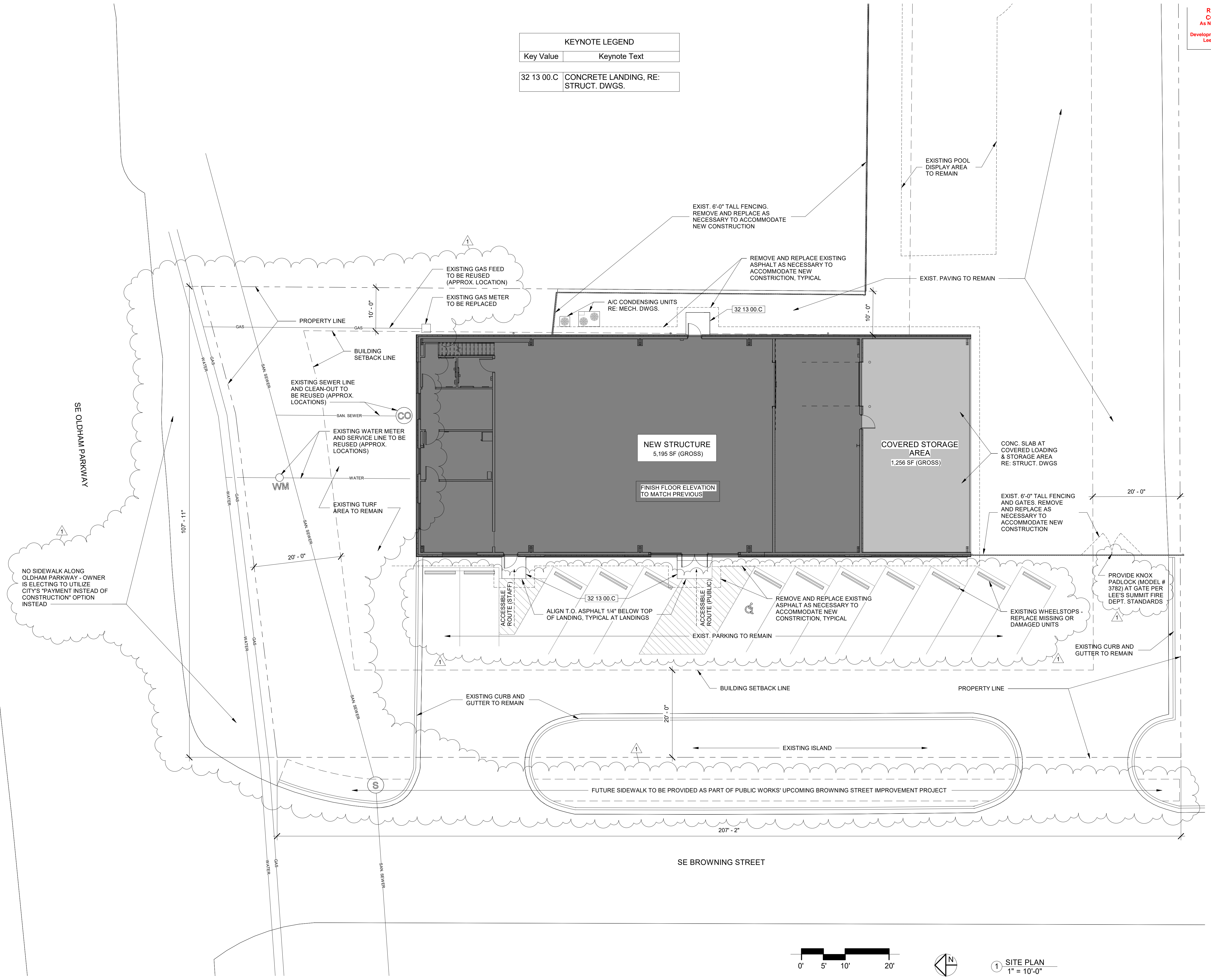
Date 11-07-2022
Drawn by DO
Checked by DO

SITE PLAN

AS1.00

Scale 1" = 10'-0"

KEYNOTE LEGEND	
Key Value	Keynote Text
32 13 00.C	CONCRETE LANDING, RE: STRUCT. DWGS.

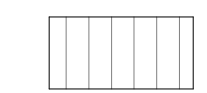
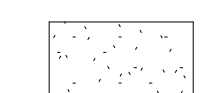
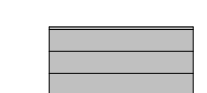


1 SITE PLAN
1" = 10'-0"

KEYNOTE LEGEND	
Key Value	Keynote Text
07 61 13.B	STANDING SEAM METAL ROOFING BY PEMB SUPPLIER
07 62 00.A6	PARAPET CAP FLASHING
07 71 23.H1	PREFIN. GUTTER BY PEMB SUPPLIER
07 71 23.J1	PREFIN. METAL DOWNSPOUT, 3"x4"
10 56 29.A	PRE-MFRD STORAGE RACKS
23 70 00.A	HVAC EQUIP.; RE: MECH. DWGS.
32 13 00.C	CONCRETE LANDING, RE: STRUCT. DWGS.
32 13 00.D	CONCRETE APRON, RE: STRUCT. DWGS.
34 71 00.A	CONCRETE FILLED STEEL BOLLARD, PTD.

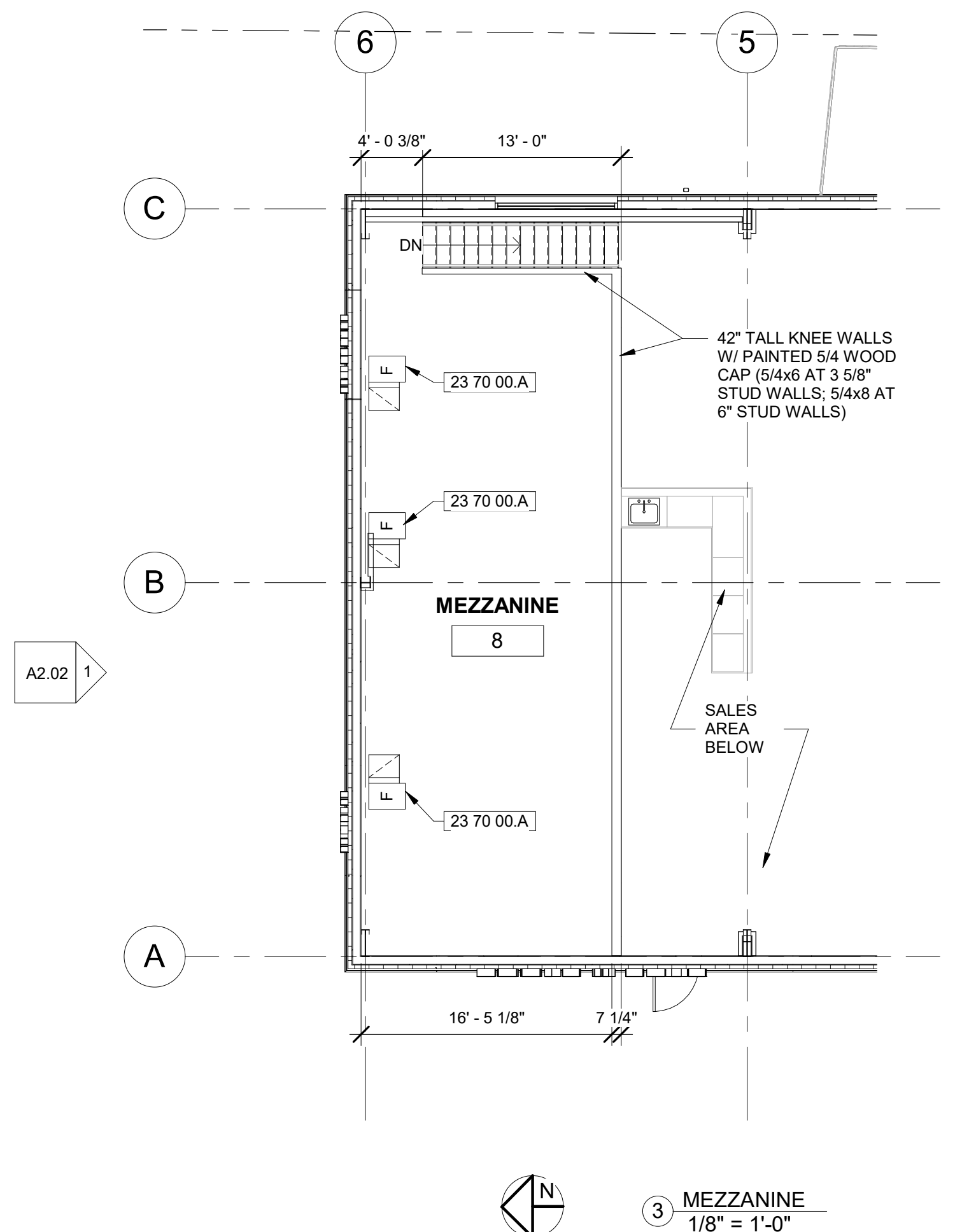
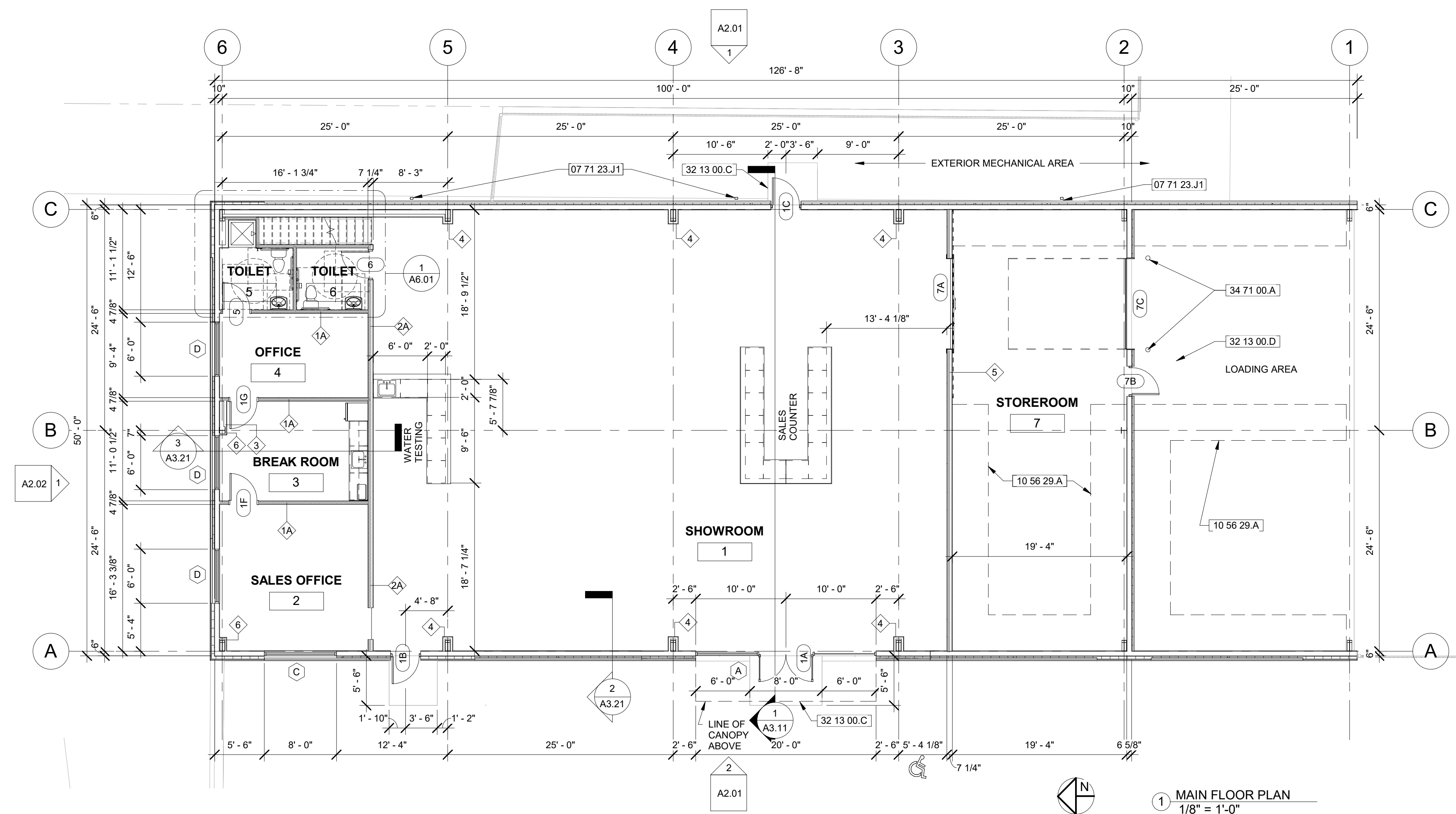
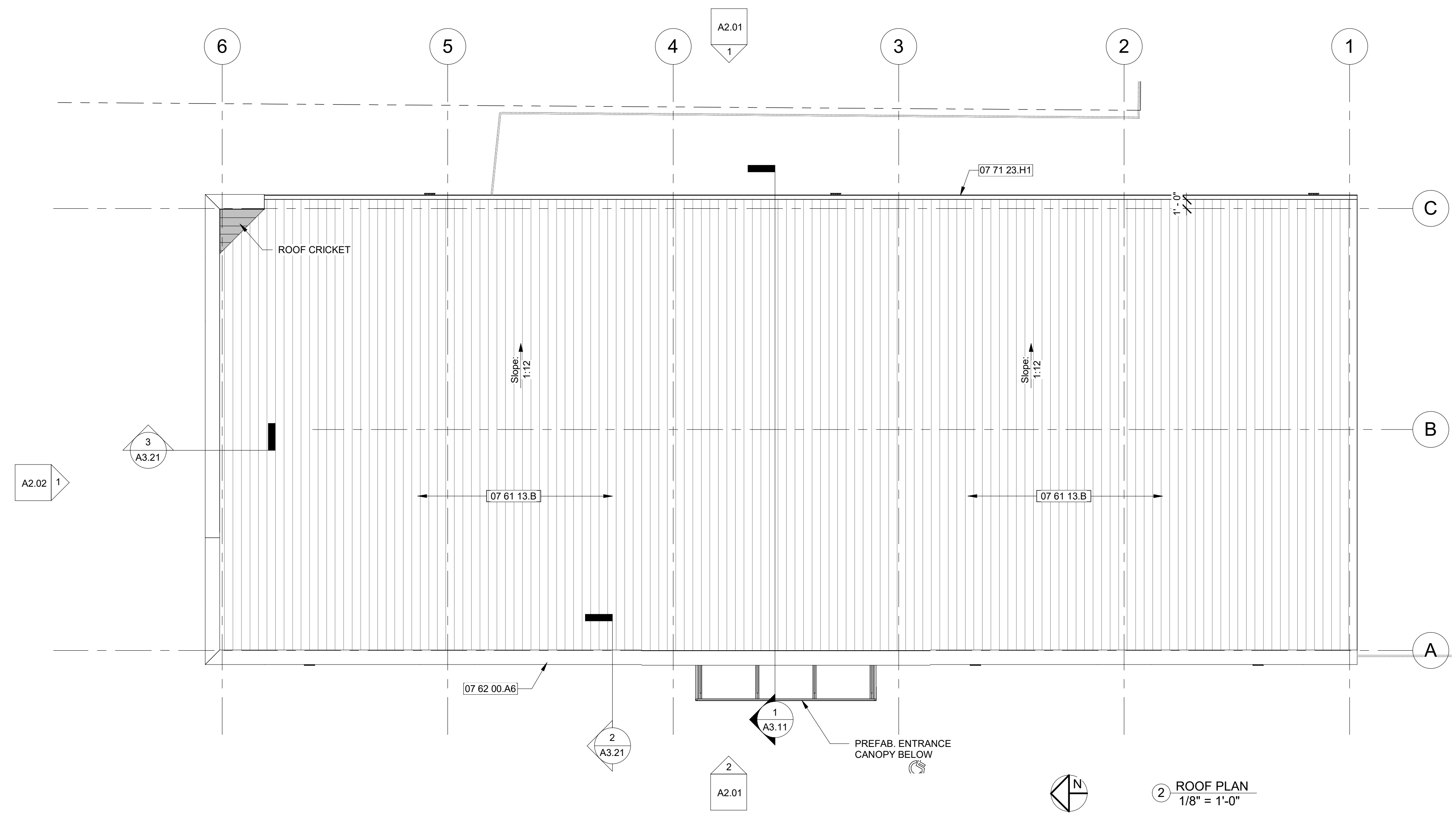
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ROOF LEGEND

-  STANDING SEAM METAL ROOFING
-  SINGLE PLY MEMBRANE ROOFING (INSIDE FACE OF PARAPET ONLY)
-  STANDING SEAM METAL ROOFING CRICKET

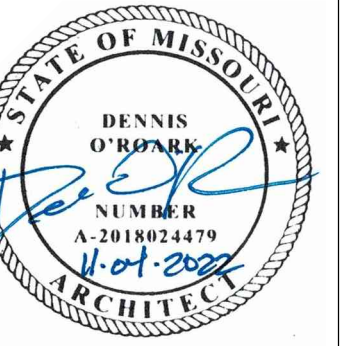
FLOOR PLAN GENERAL NOTES

1. DIMENSIONS SHOWN ARE TO FINISH FACE OR CENTER LINE, UNLESS NOTED OTHERWISE.
2. SEE SHEETS G1.00 A3.01 FOR LEGENDS AND SCHEDULES, INCLUDING WALL TYPES, FINISHES AND DOORS, ETC.



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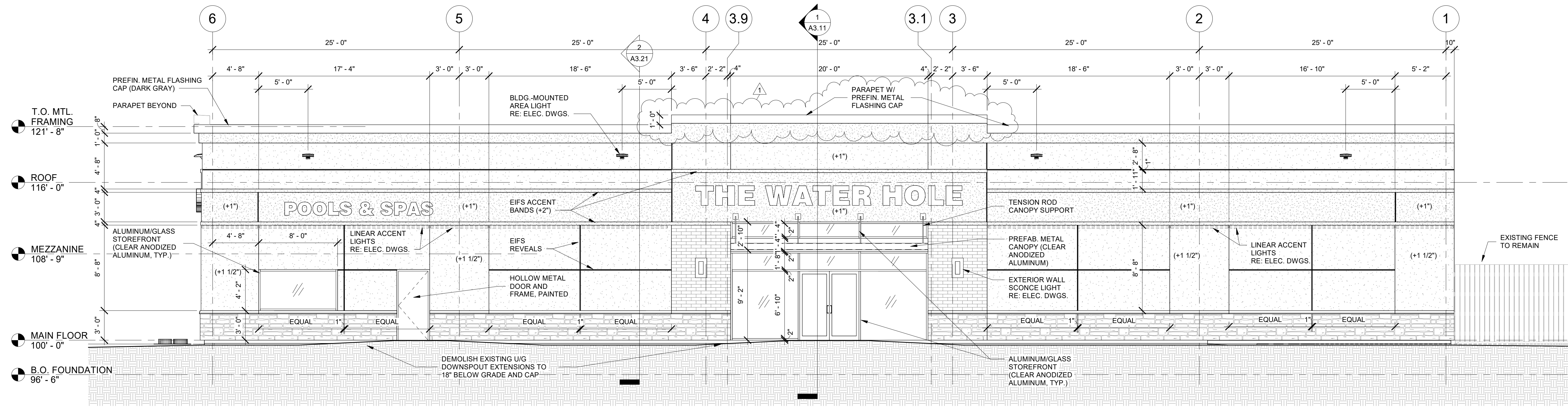
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FLOOR PLANS & ROOF PLAN

A1.01
Scale 1/8" = 1'-0"

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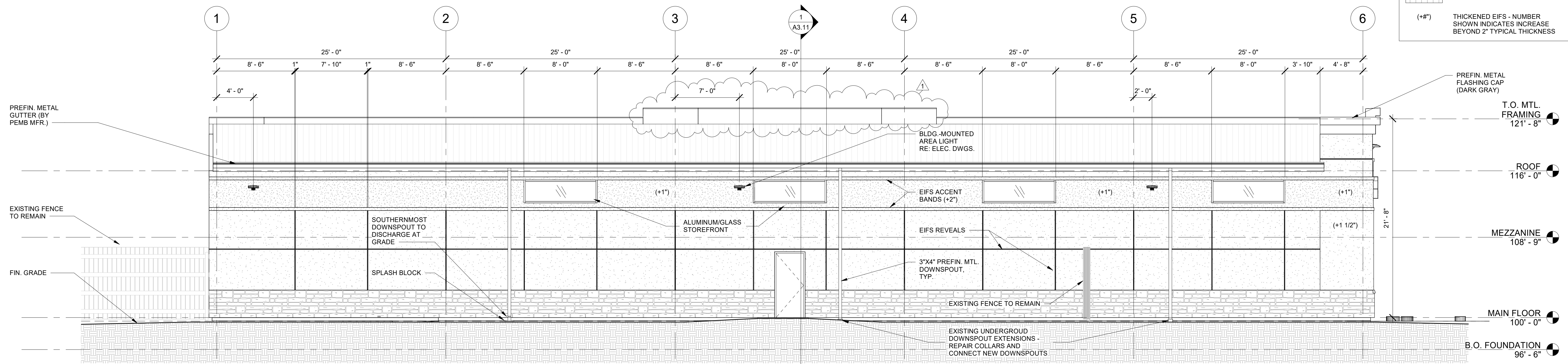
ARCHITECT



② WEST ELEVATION
3/16" = 1'-0"

EXTERIOR MATERIALS LEGEND

- ADHERED MASONRY - CORONADO STONE, 6" SPLIT LIMESTONE, COLOR: SUMMIT GREY
- ADHERED MASONRY - CORONADO STONE, WIRECUT BRICK, COLOR: ICEBERG
- EXTERIOR INSULATION FINISH SYSTEM (EIFS) COLOR: MATCH SHERWIN WILLIAMS PURE WHITE (SW 7005)
- EXTERIOR INSULATION FINISH SYSTEM (EIFS) COLOR: MEDIUM GRAY
- STANDING SEAM METAL ROOFING
- (+#) THICKENED EIFS - NUMBER SHOWN INDICATES INCREASE BEYOND 2" TYPICAL THICKNESS



① EAST ELEVATION
3/16" = 1'-0"

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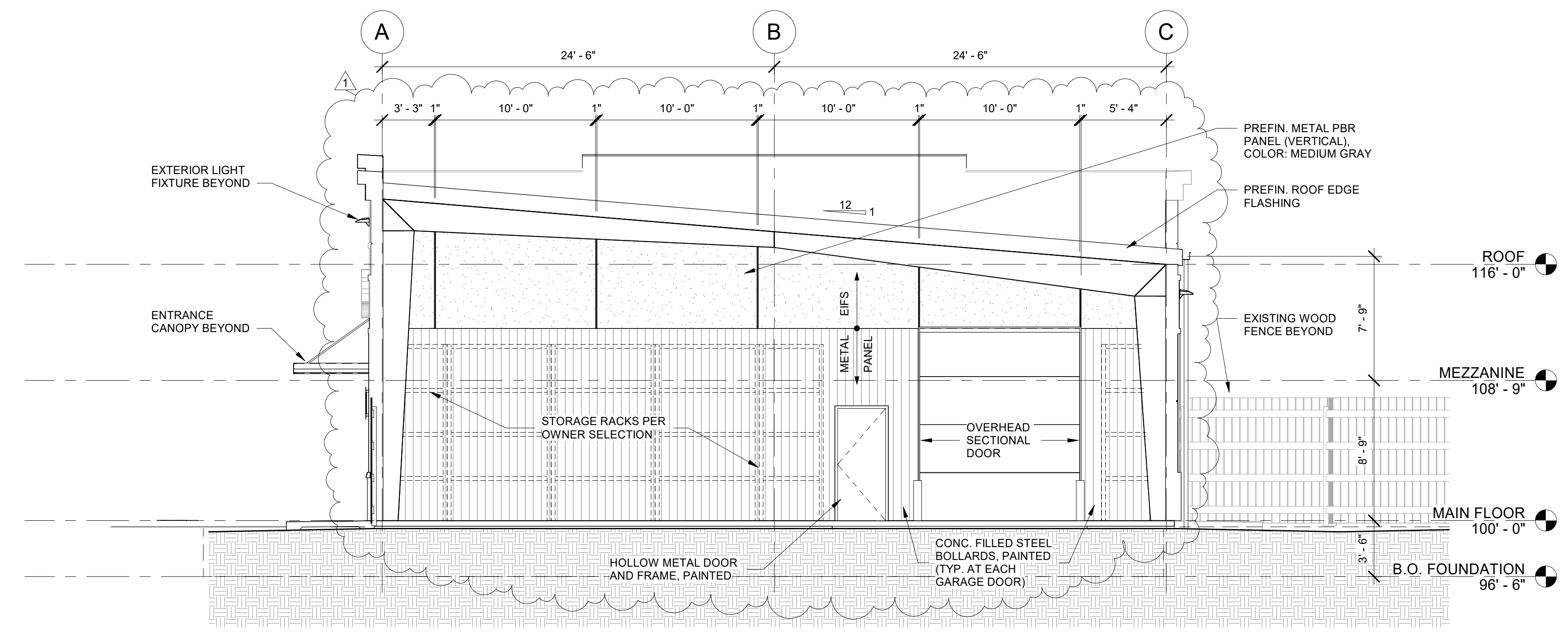
EXTERIOR ELEVATIONS

A2.01

Scale As indicated

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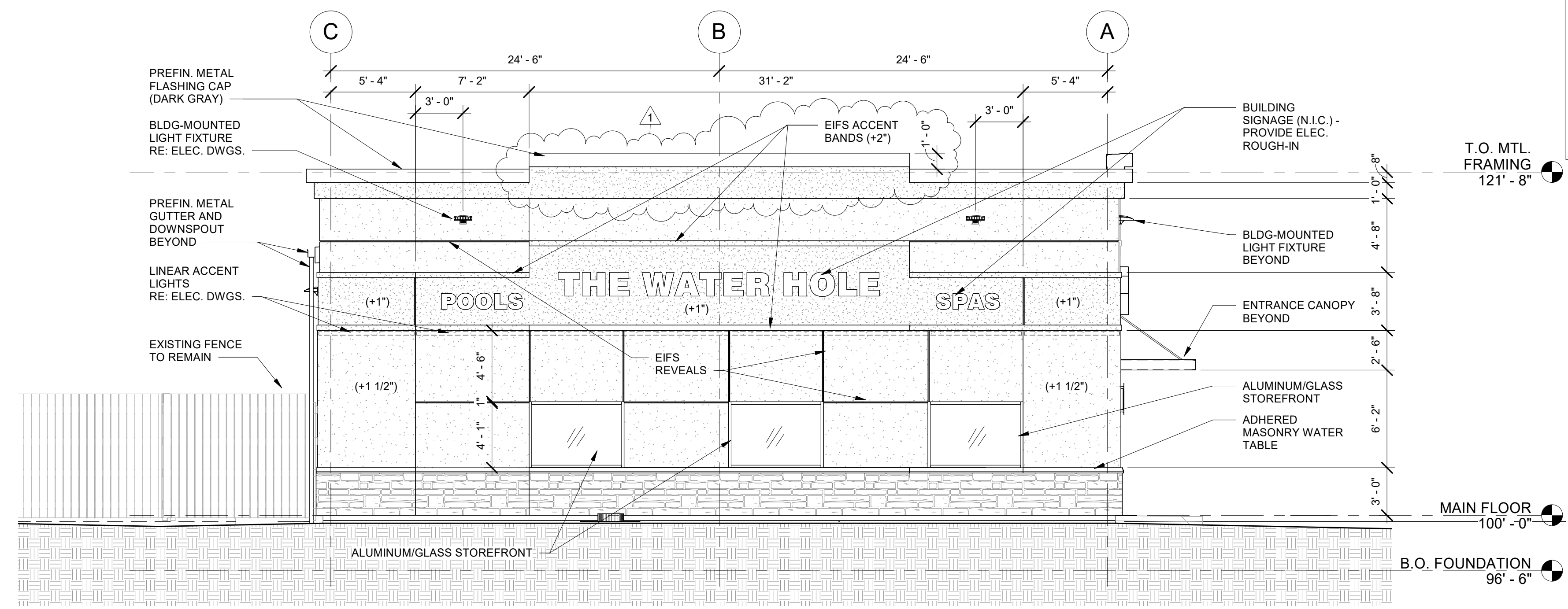
ARCHITECT



3 SOUTH ELEVATION
3/16" = 1'-0"

EXTERIOR MATERIALS LEGEND

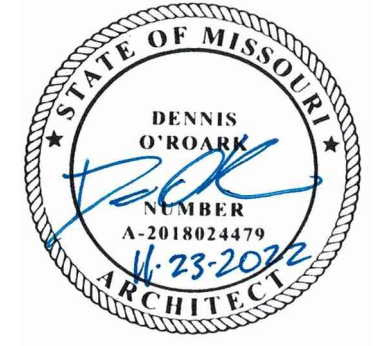
	ADHERED MASONRY - CORONADO STONE, 6" SPLIT LIMESTONE, COLOR: SUMMIT GREY
	ADHERED MASONRY - CORONADO STONE, WIRECUT BRICK, COLOR: ICEBERG
	EXTERIOR INSULATION FINISH SYSTEM (EIFS) COLOR: MATCH SHERWIN WILLIAMS PURE WHITE (SW 7005)
	EXTERIOR INSULATION FINISH SYSTEM (EIFS) COLOR: MEDIUM GRAY
	STANDING SEAM METAL ROOFING
	(+#") THICKENED EIFS - NUMBER SHOWN INDICATES INCREASE BEYOND 2" TYPICAL THICKNESS



1 NORTH ELEVATION
3/16" = 1'-0"

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Date 11-07-2022
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EXTERIOR ELEVATIONS

A2.02

Scale As indicated

Project Name:	Fixture Type:
Fixture Code:	Quantity:



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Nov 3, 2022 9:26 AM
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LIGHT FIXTURE SCHEDULE

MARK NO.	MANUFACTURER & CATALOG NUMBER	VOLTS	WATTS	LIGHT SOURCE	DESCRIPTION
B	SIGNIFY 565-040-10-AL	120	15	LED-4000K 1000 LUMS	EXTERIOR RATED SQUARE SURFACE MOUNTED DOWNLIGHT, ALUMINUM FINISH - VERIFY WITH ARCHITECT PRIOR TO ORDERING.
BE	SIGNIFY 565-040-10-AL /V/ IOTA IIS-25	120	15	LED-4000K 1000 LUMS	SAME AS TYPE C EXCEPT WITH MICRO-INVERTER FOR EMERGENCY OPERATION. INSTALL INVERTER AT INTERIOR IN CONCEALED/ACCESSIBLE LOCATION.
D1-2	LITHONIA DSXW1-10C-350-40K-T2M-MVOLT-DNAXD	120	13	LED-4000K 1500 LUM	EXTERIOR RATED LED WALL MOUNTED FIXTURE WITH TYPE 2 DISTRIBUTION AND NATURAL ALUMINUM FINISH. MOUNT AT HEIGHT AS INDICATED ON PLANS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. FINISH TO BE CONFIRMED BY OWNER/ARCHITECT.
D1-2E	LITHONIA DSXW1-10C-350-40K-T2M-MVOLT-EM20W-C-DNAXD	120	13	LED-4000K 1500 LUM	SAME AS TYPE D1-2E EXCEPT WITH MICRO-INVERTER FOR EMERGENCY OPERATION.
D2-2	LITHONIA DSXW1-10C-330-40K-T2M-MVOLT-DNAXD	120	11	LED-4000K 2000 LUM	EXTERIOR RATED LED WALL MOUNTED FIXTURE WITH TYPE 2 DISTRIBUTION AND NATURAL ALUMINUM FINISH. MOUNT AT HEIGHT AS INDICATED ON PLANS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. FINISH TO BE CONFIRMED BY OWNER/ARCHITECT.
D2-4	LITHONIA DSXW1-10C-330-40K-TFTM-MVOLT-DNAXD	120	11	LED-4000K 2000 LUM	EXTERIOR RATED LED WALL MOUNTED FIXTURE WITH TYPE FORWARD THROU DISTRIBUTION AND NATURAL ALUMINUM FINISH. MOUNT AT HEIGHT AS INDICATED ON PLANS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. FINISH TO BE CONFIRMED BY OWNER/ARCHITECT.
D4-4	LITHONIA DSXW1-10C-1000-40K-TFTM-MVOLT-DNAXD	120	34	LED-4000K 4000 LUM	EXTERIOR RATED LED WALL MOUNTED FIXTURE WITH TYPE FORWARD THROU DISTRIBUTION AND NATURAL ALUMINUM FINISH. MOUNT AT HEIGHT AS INDICATED ON PLANS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. FINISH TO BE CONFIRMED BY OWNER/ARCHITECT.
G	LITHONIA FEM-L96-18000LM-MAFL-KAD-MVOLT-6210-40K-80CRI-MALF-STSL	120	103	LED 4000K 7800 LUM	8' CEILING MOUNTED, ENCLOSED AND GASKETED FIBERGLASS INDUSTRIAL LED FIXTURE WITH STAINLESS STEEL MOUNTING BRACKETS. FIXTURE TO BE SURFACE MOUNTED TO CEILING STRUCTURE.
H1	SSL LIGHTING CLNET-1-RGBW-15W-10-CLNFA-XXX	120	15	LED RGBW 605 LUMS	1'-0" LINE VOLTAGE WALL MOUNTED LINEAR RGBW WALL GRAZING FIXTURE WITH ADJUSTABLE ARM AND 10°X10° BEAM SPREAD. PROVIDE ADDITIONAL COMPATIBLE COMPONENTS FOR COMPLETE SYSTEM. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.
H4	SSL LIGHTING CLNET-4-RGBW-15W-10-CLNFA-XXX	120	54	LED RGBW 2420	SAME AS TYPE H1 EXCEPT FOR 4'-0" LENGTH.
K	BETACALCO FRAMED 130020-40-DB-F20-MS	120	28	LED 1408 LUMS	LED WALL SOURCE TO BE MOUNTED AT +7'-6" VERIFY EXACT LOCATION WITH ARCHITECTURAL ELEVATION. FINISH TO BE CONFIRMED BY OWNER/ARCHITECT.

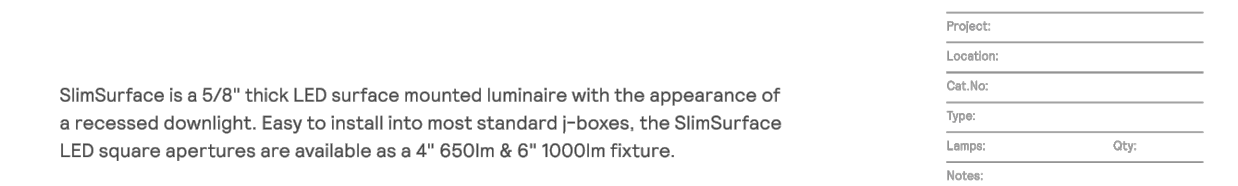
NOTES:

Downlighting

LIGHTOLIER by @ignify

SlimSurface LED

545 & 565 Square 4" & 6" Apertures



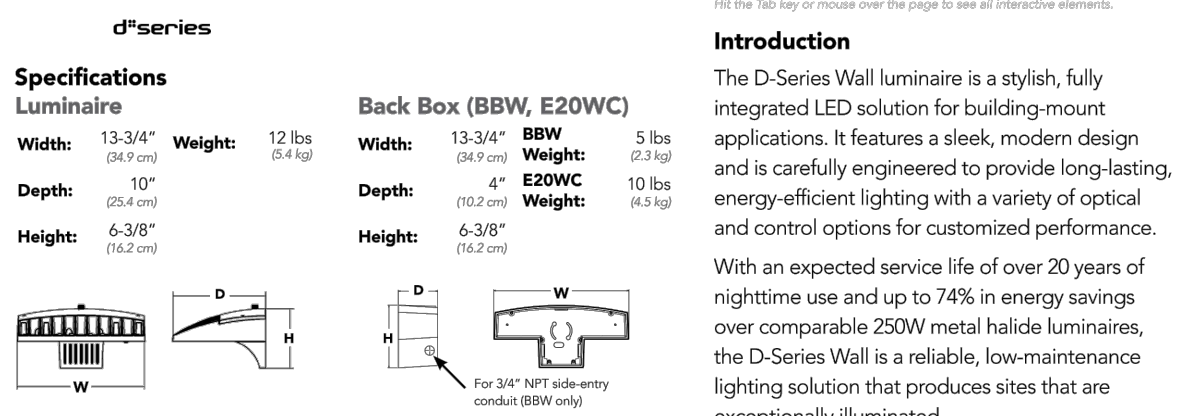
SlimSurface is a 5/8" thick LED surface mounted luminaire with the appearance of a recessed downlight. Easy to install into most standard j-boxes, the SlimSurface LED square apertures are available as 4" 650lm & 6" 1000lm fixture.

Series	Color	CCY	Lumens	Finish	Mounting
545 SlimSurface 4" Square	9 90°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	7 650lm	Blank White AL Aluminum BK Black	Blank ELV / Fixt (120V)
565 SlimSurface 6" Square	9 90°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	10 1000lm	Blank White AL Aluminum BK Black	Blank ELV / Fixt (120V)

- Ordering guide**
- Example: 545S20XAL
- Specifications**
- Flange: One piece plastic flange. Injection molded white, anodized aluminum or black.
 - Lens: High transmittance lens allowing for smooth, comfortable light pattern.
 - Power supply: Integral Class 2 driver. Factory wired electronic LED driver. (See Electrical section for specifications)
 - LED Strip: Ultra-thin LED.
 - Lifetime: Expected lifetime 50,000 hours and backed by a 5-year warranty. (See Philips.com/warranties for details)
 - Compliance: Non-conductive fixture for shower light application.
- Electrical**
- Electronic power supply: RoHS compliant. Class 2 power unit. Input tolerates sustained open circuit and short circuit conditions without damage.
- Dimming: Intended for ELV/Trac (120V) or 0-10V dimming (120V-277V) based on the configuration. Min 90% supply conductors.
- Labels**
- ULUS listed. Wall mounted. damp location only. Ceiling-mounted wet location. Type 2x LAR 2046 and NSCR 545 models. ENERGY STAR® certified.

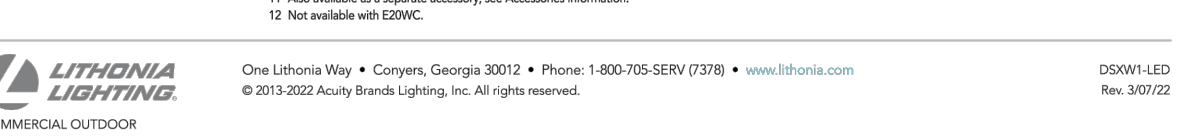


D-Series Size 1 LED Wall Luminaire



Series	Color	CCY	Lumens	Finish	Mounting
DSXW1 LED 20C 1000 40K T3M MVOLT DB8TX0	9 90°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	1000	Blank White AL Aluminum BK Black	Blank ELV / Fixt (120V)

Series	Color	CCY	Lumens	Finish	Mounting
DSXW1 LED 20C 1000 40K T3M MVOLT DB8TX0	9 90°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	1000	Blank White AL Aluminum BK Black	Blank ELV / Fixt (120V)



LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTENDED USE — A general purpose and energy efficient surface-mounted or suspended LED fixture, suitable for use in a variety of applications. It is designed for use in a variety of applications, including commercial, industrial, and residential. It is designed for use in a variety of applications, including commercial, industrial, and residential.

INSTALLATION — A pair of stainless steel surface mount brackets (SMB) are included for use with anodized aluminum or stainless steel. The fixture is designed for use in a variety of applications, including commercial, industrial, and residential.

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

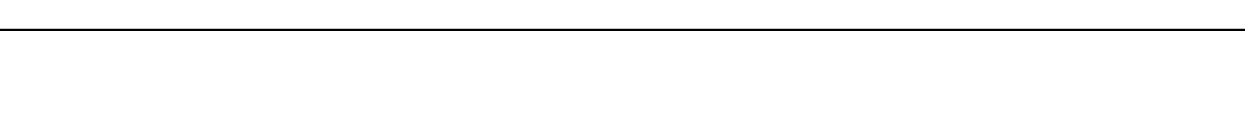
Standard Part Number	Stock Part Number
FEM LED 1000 40K T3M MVOLT DB8TX0	FEM LED 1000 40K T3M MVOLT DB8TX0
FEM LED 2000 40K T3M MVOLT DB8TX0	FEM LED 2000 40K T3M MVOLT DB8TX0

SSO SOLID STATE LUMINAIRES

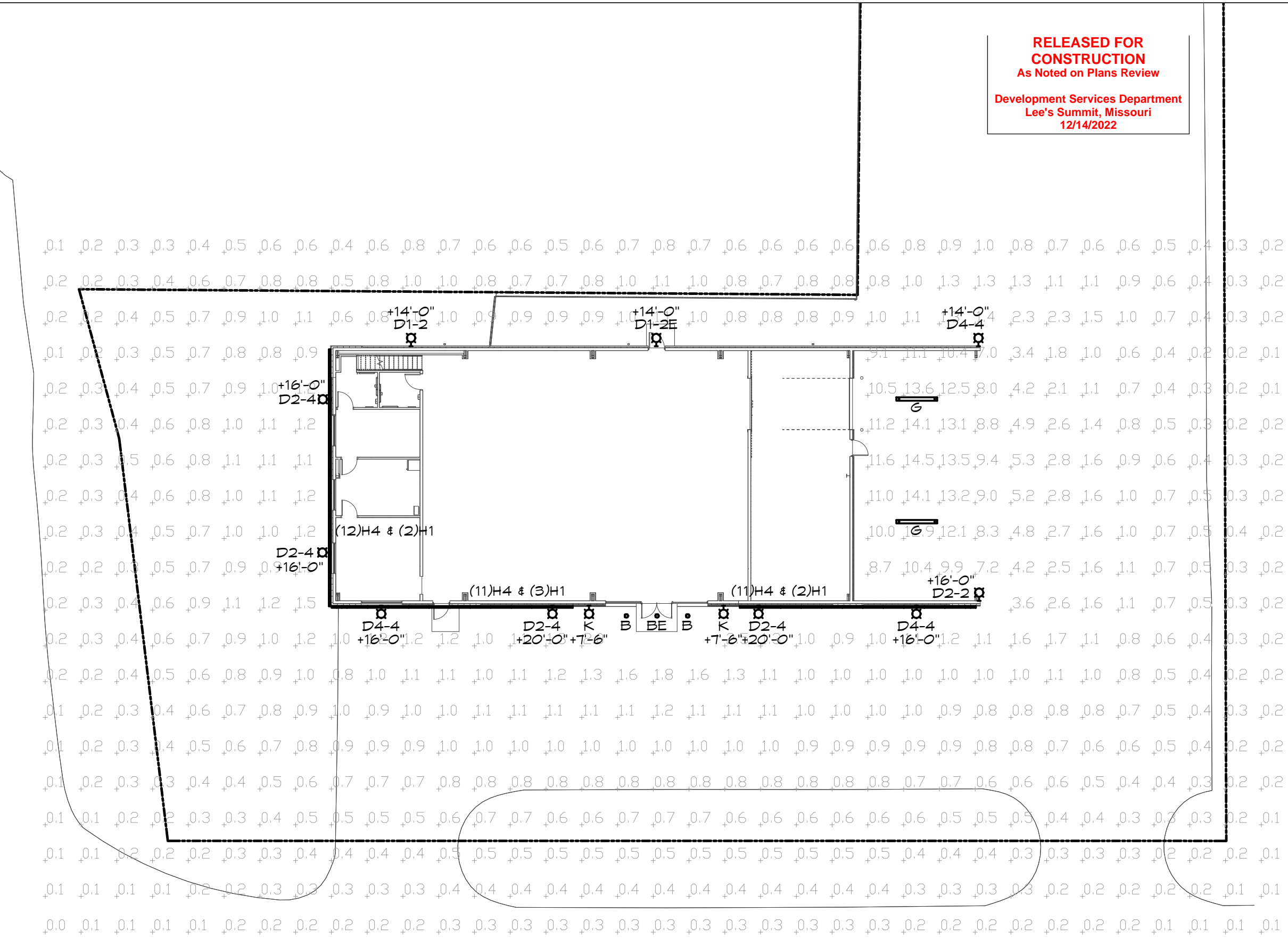


Series	Color	CCY	Lumens	Finish	Mounting
SSO 1000 40K T3M MVOLT DB8TX0	9 90°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	1000	Blank White AL Aluminum BK Black	Blank ELV / Fixt (120V)

Series	Color	CCY	Lumens	Finish	Mounting
SSO 1000 40K T3M MVOLT DB8TX0	9 90°	27K 2700K 30K 3000K 35K 3500K 40K 4000K	1000	Blank White AL Aluminum BK Black	Blank ELV / Fixt (120V)



SE OLDHAM PARKWAY



SE BROWNING STREET

SITE PHOTOMETRIC PLAN

SCALE: 1"=20'

STATISTICS					
Description	Avg	Max	Min	Max/Min	Avg/Min
Parking Area	1.0	3.6	0.3	12.0/1	3.3/1

DESIGN LAB
architectural solutions

5007 W. 65th Terrace
Prairie Village, KS 66208
Ph: 913-461-4325

ARCHITECT
11/4/2022

BRETT M HERMANN
REGISTERED PROFESSIONAL ENGINEER
NUMBER PE-2018035615

THE WATER HOLE REBUILD

401 SE OLDHAM PARKWAY
LEE'S SUMMIT, MO 64081
FINAL DEVELOPMENT PLAN

#	Description	Date

Date	11-04-2022
Drawn by	BH
Checked by	DS

BC PROJECT #: 22360 MISSOURI PE COA #2009003629

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SITE PHOTOMETRIC PLAN PH1.00

Scale As indicated

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