

STANDARDS AND REGULATIONS

- CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMANCE WITH APPLICABLE BUILDING CODES, REGULATIONS, ORDINANCES, UTILITY PROVIDER REQUIREMENTS, AND SIMILAR STANDARDS.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED INSPECTIONS OF THE WORK. CONTRACTOR SHALL REGULARLY UPDATE OWNER AND ARCHITECT REGARDING THE STATUS OF INSPECTIONS.
- CONTRACTOR SHALL COORDINATE WORK WITH APPLICABLE UTILITY PROVIDERS.
- CONTRACTOR SHALL BE FAMILIAR WITH REQUIREMENTS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH REFERENCED FIRE-RATED ASSEMBLY TESTS AND STANDARDS.
- SHOULD THE CONTRACTOR ENCOUNTER ANY HAZARDOUS MATERIAL, CONTRACTOR TO STOP WORK AND NOTIFY OWNER.

ADMINISTRATION OF THE WORK:

- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, AND SEQUENCES OF CONSTRUCTION AND DIMENSIONS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF ALL CONSTRUCTION PERSONNEL AND AUTHORIZED VISITORS AT THE SITE.
- CONTRACTOR SHALL BECOME FULLY ACQUAINTED WITH CONDITIONS RELATED TO THE WORK. ANY KNOWN DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION PRIOR TO PROCEEDING WITH WORK RELATED TO THE DISCREPANCY.
- CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL CONSTRUCTION AND DEMOLITION DEBRIS. CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER FOR DETAILS RELATING TO THE REMOVAL OF TRASH, INCLUDING SUCH ISSUES AS PATH OF TRAVEL, LOCATION OF CHUTES AND DUMPSTERS, ETC., PRIOR TO REMOVAL OF DEBRIS. CONTRACTOR SHALL CLEAN AND REPAIR ANY DAMAGES TO EXISTING ITEMS SOILED OR DAMAGED BY THE DEBRIS REMOVAL PROCESS. IF CLEANING AND/OR REPAIR DOES NOT RETURN ITEMS TO ORIGINAL CONDITION CONTRACTOR SHALL INSTALL NEW ITEMS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH OWNER'S PROCEDURES FOR MAINTAINING A SECURE SITE AND BUILDING.
- EACH INSTALLER SHALL EXAMINE ALL SUBSTRATE CONDITIONS AND/OR SITE CONDITIONS WHICH AFFECT THE QUALITY OF EACH PRODUCT TO BE INSTALLED. IF ANY CONDITIONS EXIST WHICH WILL HAVE A DETRIMENTAL EFFECT ON THE QUALITY OF THE INSTALLATION, THE INSTALLER SHALL IMMEDIATELY NOTIFY THE CONTRACTOR. INSTALLATION SHALL NOT PROCEED UNTIL THE UNSATISFACTORY CONDITIONS ARE CORRECTED. INSTALLATION SHALL SIGNIFY ACCEPTANCE OF THE CONDITIONS.
- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS ON THE SITE AT ALL TIMES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COORDINATION EFFORTS OF ALL SUBCONTRACTORS.
- CONTRACTOR SHALL LAY OUT ALL WORK AS SOON AS POSSIBLE. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.

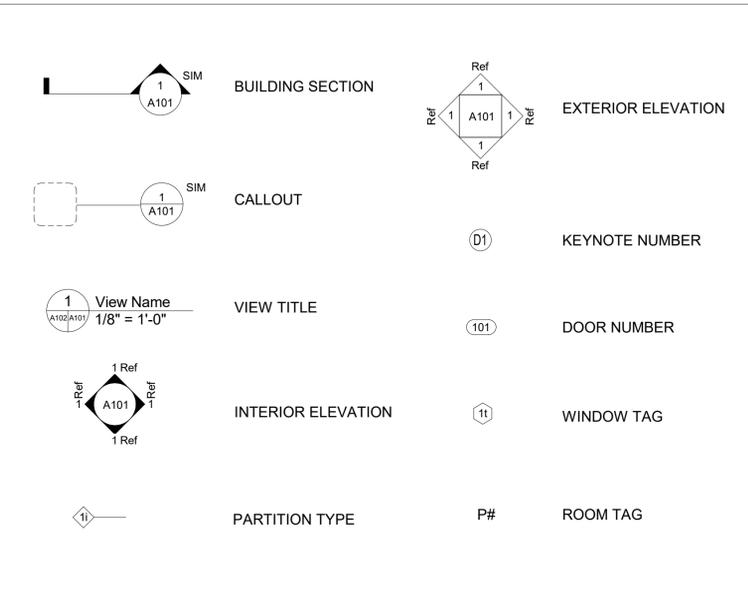
USE OF CONSTRUCTION DOCUMENTS:

- DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS OR KEYED NOTES SHALL BE USED. CONTACT ENGINEER IF CLARIFICATION OR ADDITIONAL INFORMATION IS REQUIRED.
- THE DRAWINGS ARE SCHEMATIC IN NATURE. MODIFICATIONS IN DUCTS, PIPING, CONDUIT AND WIRING MAY BE REQUIRED TO ACCOMMODATE ACTUAL FIELD CONDITIONS.
- DRAWINGS SHALL NOT BE REPRODUCED FOR SUBMITTALS.
- DIMENSIONS ARE AS FOLLOWS UNLESS NOTED OTHERWISE:
 - TO FACE OF GYPSUM WALLBOARD.
 - TO CENTERLINE OF COLUMNS.
 - TO TOP OF FLOOR SLAB.
 - TO BOTTOM OF FINISHED CEILING.
 - TO FACE OF MASONRY, CONCRETE, AND/OR SIDING.

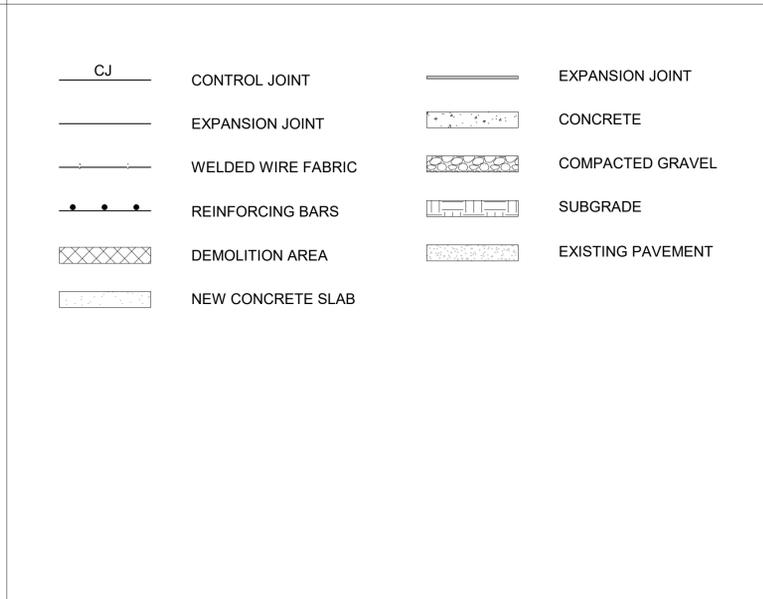
DEFINITIONS:

- "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE AND/OR TO INSTALL NEW CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION WITHOUT ANY VISIBLE JOINTS OR SURFACE IRREGULARITIES.
- "CLEAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS NOT ADJUSTABLE WITHOUT APPROVAL OF THE ARCHITECT. CLEAR DIMENSIONS ARE TYPICALLY TO FINISH FACE.
- "MAXIMUM" OR "MAX" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY GREATER THAN THAT SHOWN WITHOUT APPROVAL OF THE ENGINEER.
- "MINIMUM" OR "MIN" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY LESS THAN THAT SHOWN WITHOUT APPROVAL OF THE ENGINEER.
- "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
- "+" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE DIMENSION OR QUALITY IS SLIGHTLY ADJUSTABLE TO ACCOMMODATE ACTUAL CONDITIONS. FIELD VERIFICATION AND COORDINATION WITH OTHER ELEMENTS MIGHT BE NECESSARY.

DRAWING KEY



SYMBOLS



ABBREVIATIONS

ACP	ACOUSTIC CEILING PANEL	F/	FACE OF	MROI	MAINTENANCE, REPAIR AND OPERATION ITEMS	SPEC	SPECIFICATION
AFF	ABOVE FINISH FLOOR	FE	FIRE EXTINGUISHER	MS	METAL STUD	SS	STAINLESS STEEL
ALUM	ALUMINUM	FEC	FIRE EXTINGUISHER CABINET	MTL	METAL	S.S.	SATIN STAINLESS
AUTO	AUTOMATIC	FLR	FLOOR	NA	NOT APPLICABLE	STN	STAIN
ABV	ABOVE	FTG	FOOTING	NO	NUMBER	STD	STANDARD
BC	BOTTOM OF CURB	GA	GAUGE	NOM	NOMINAL	SUSP	SUSPENDED
B.O.	BOTTOM OF	GALV	GALVANIZED	OPG	OPENING	TC	TOP OF CURB
BLK	BLOCK	GC	GENERAL CONTRACTOR	OC	ON CENTER	THK	THICK
BRG	BEARING	GL	GLASS	OH	OVERHEAD	TYP	TYPICAL
BLKG	BLOCKING	GYP	GYPSUM	OPP	OPPOSITE	TR	TREAD
BD	BOARD	GWB	GYPSUM WALLBOARD	PL	PLATE	T.O	TOP OF
BLDG	BUILDING	HT	HEIGHT	PLAM	PLASTIC LAMINATE	TEMP	TEMPERED/ TEMPORARY
CL/	CENTERLINE	HC	HANDICAPPED	PLWYD	PLYWOOD	UNF	UNFINISHED
CLO.	CLOSET	HDW	HARDWARE	PNL	PANEL	UNO	UNLESS NOTED OTHERWISE
CLG	CEILING	HTG	HEATING	PREF	PREFABRICATED	VERT	VERTICAL
CONC	CONCRETE	HVAC	HEATING/ VENTILATING/ AIRCONDITIONING	PERF	PERFORATED	VIF	VERIFY IN FIELD
CONT	CONTINUOUS	HM	HOLLOW METAL	PR	PAIR	WD	WOOD
CONTR	CONTRACTOR	INSUL	INSULATION	PT	PAINT	WH	WATER HEATER
CMU	CONCRETE MASONRY UNIT	INT	INTERIOR	PCF	POUNDS PER CUBIC FOOT	W/O	WITHOUT
CT	CERAMIC TILE	JT	JOINT	QT	QUARRY TILE	WWF	WELDED WIR
C.J.	CONTROL JOINT	JAN	JANITOR	R	RISER		
CRS	COURSE	LAM	LAMINATE	RAD	RADIUS		
DIAM	DIAMETER	LAV	LAVATORY	RD	ROOF DRAIN		
DN	DOWN	LH	LEFT HAND	REF	REFERENCE		
DTL	DETAIL	LT	LIGHT	REINF	REINFORCED		
DWG	DRAWING	LTWT	LIGHTWEIGHT	RH	RIGHT HAND		
EA	EACH	LVR	LOUVER	ROW	RIGHT OR WAY		
ETR	EXISTING TO REMAIN	MAS	MASONRY	RM	ROOM		
EWC	ELECTRIC WATER COOLER	MAX	MAXIMUM	RO	ROUGH OPENING		
EXP	EXPANSION	MECH	MECHANICAL	SIM	SIMILAR		
EX	EXISTING	MFR	MANUFACTURER	SGT	STRUCTURAL GLAZED TILE		
EXT	EXTERIOR	MIN	MINIMUM	STL	STEEL		
EQUIP	EQUIPMENT	MIR	MIRROR	STR	STRUCTURE		
ELEC	ELECTRIC	MISC	MISCELLANEOUS	STO	STORAGE		
EL	ELEVATION	MO	MASONRY OPENING				
ELEV.	ELEVATOR	MR	MOISTURE RESISTANT				
EMER	EMERGENCY						
EMT	ELECTRICAL METALLIC TUBING						
EQ.	EQUAL						

1	6/18/2020	50% SUBMISSION																		
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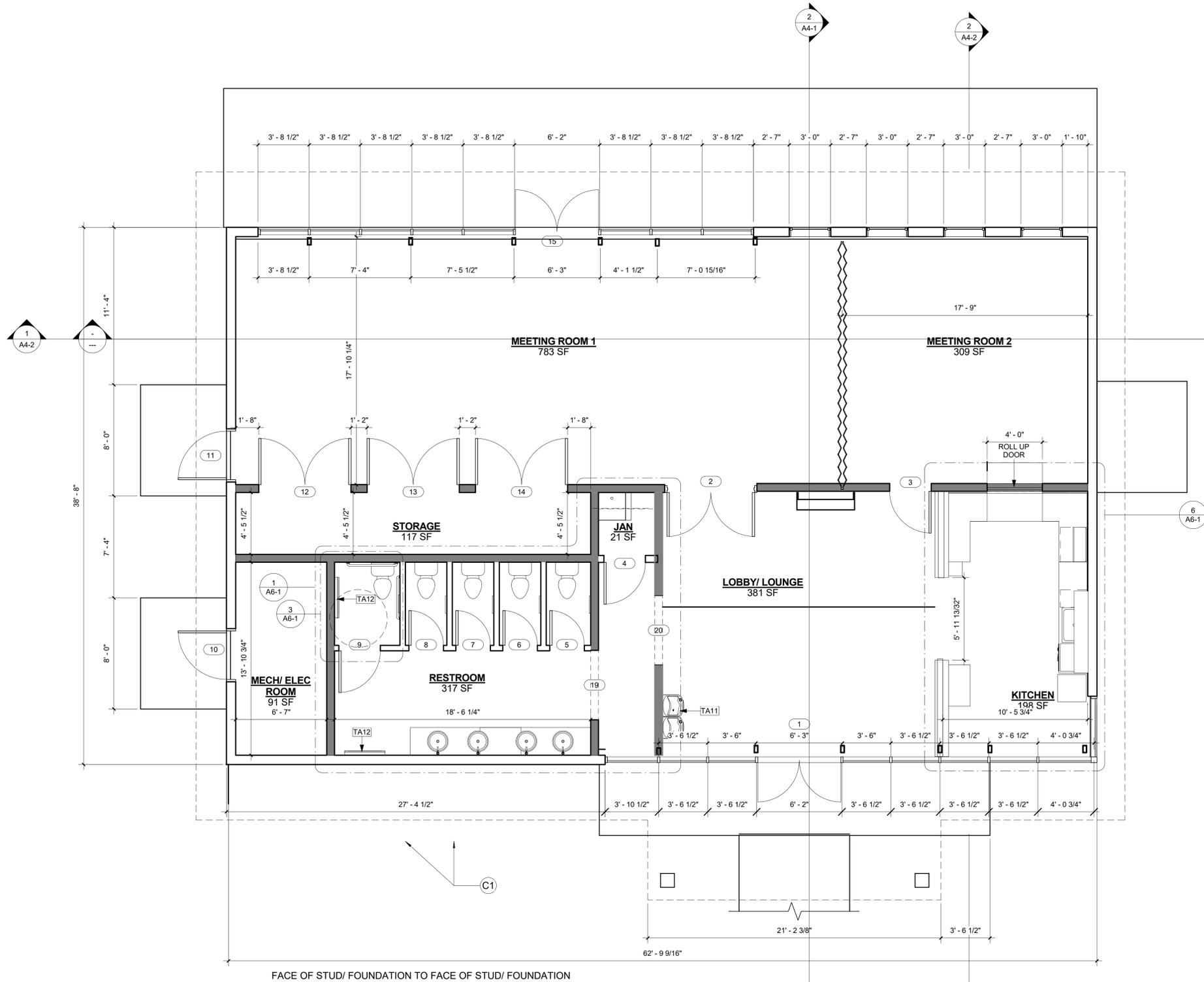
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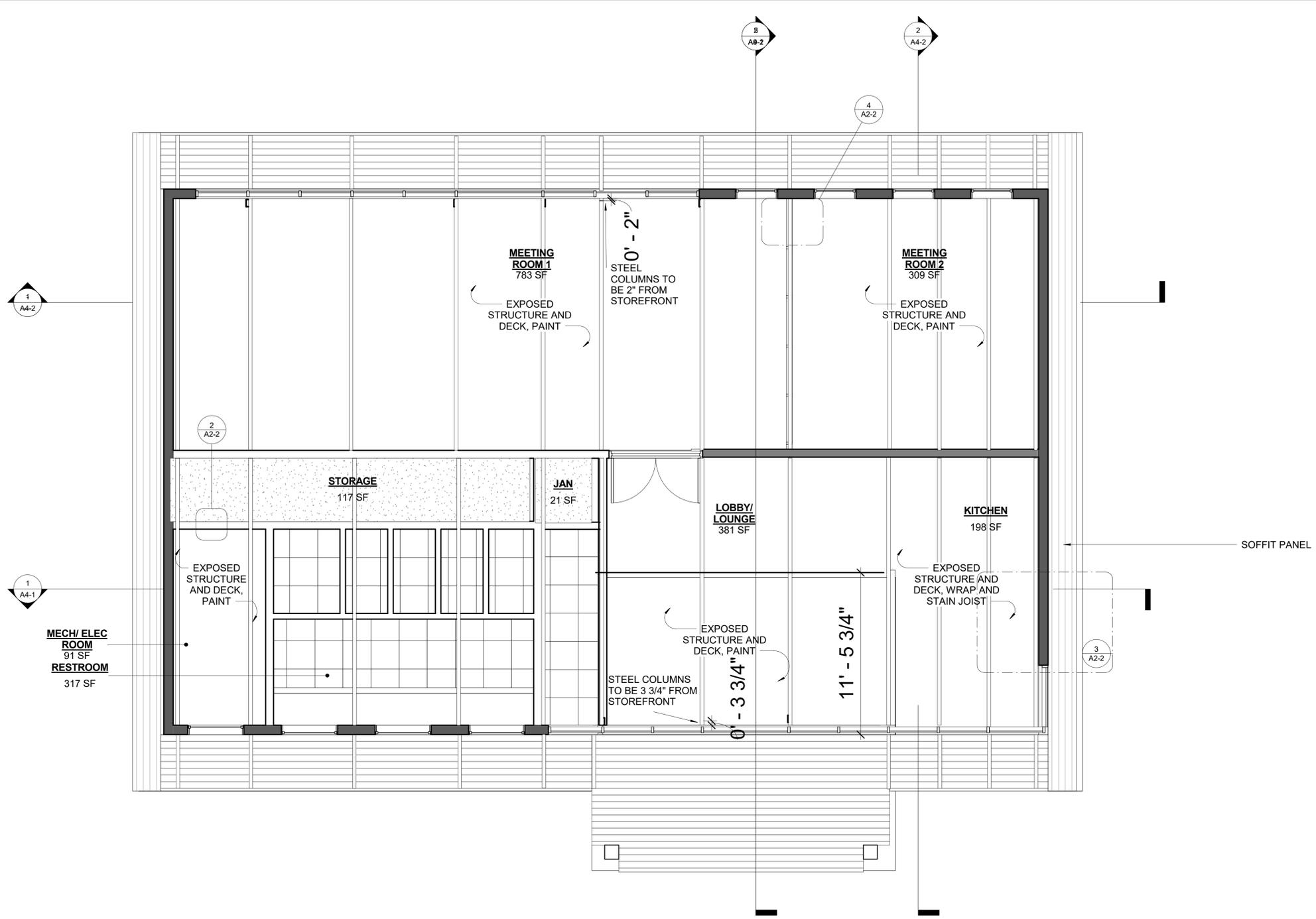
COLLEGE PARK DESIGN-BUILD COMMUNITY SPACE
 3545 MARLBOROUGH WAY
 COLLEGE PARK, MD 20740

ARCHITECTURAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS

DRAWING NO.	A0-1
SCALE:	As indicated
CP JOB NO.:	CP-19-05
SPA JOB NO.:	19-022
DATE:	09/1/2020
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
APPROVED BY:	Approver



1 NEW WORK PLAN
 1/4" = 1'-0"

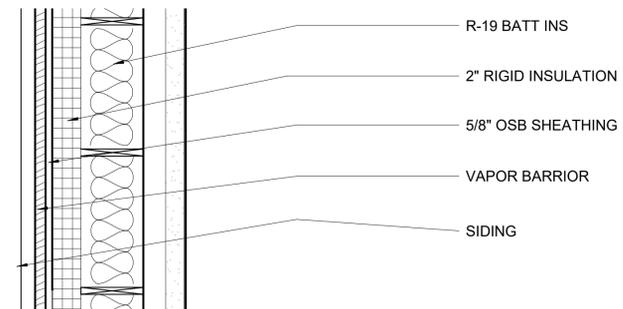
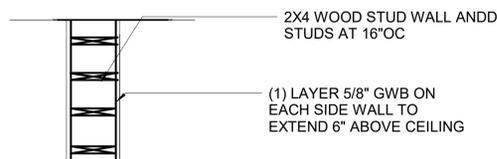
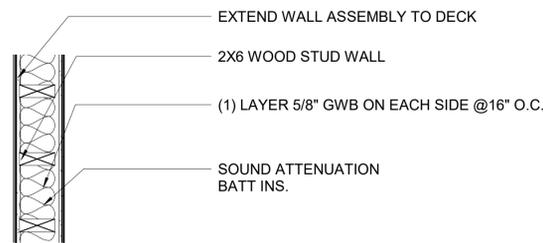


1 REFLECTED CEILING PLAN
 1/4" = 1'-0"

2 P1
 1" = 1'-0"

4 P2
 1/2" = 1'-0"

3 P3
 1/2" = 1'-0"



50% SUBMISSION																				
	1	6/18/2020																		

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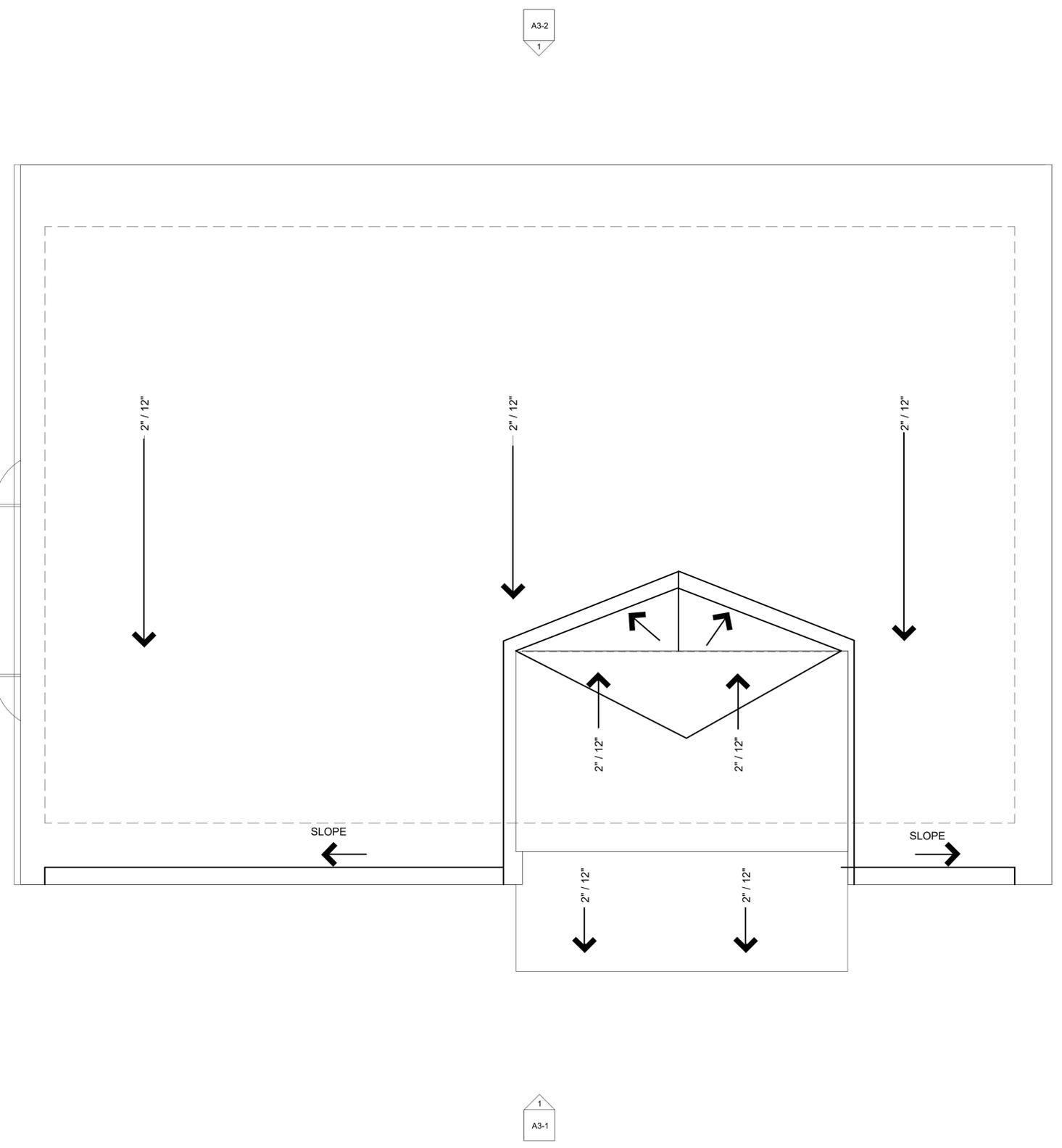
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ROOF PLAN

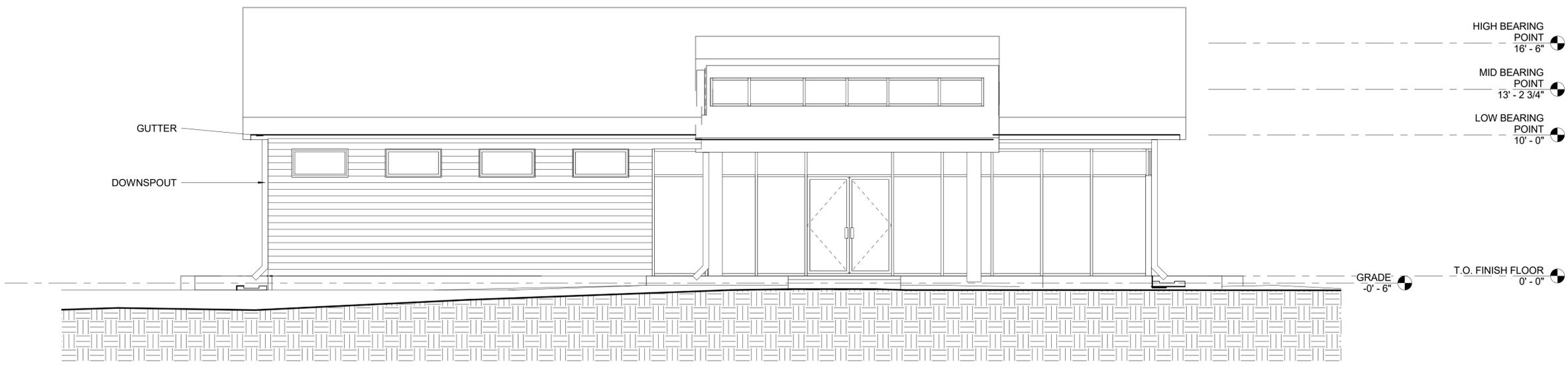
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A2-3

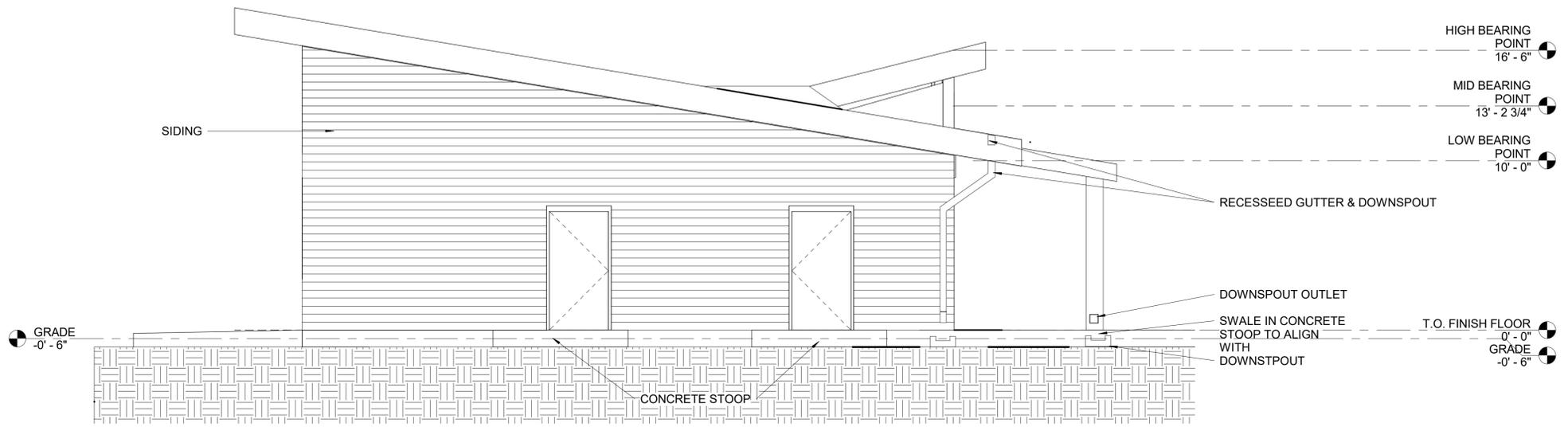
SCALE: 1/4" = 1'-0"
 CP JOB NO.: CP-19-05
 SPA JOB NO.: 19-022
 DATE: 09/1/2020
 DESIGNED BY: Designer
 DRAWN BY: Author
 CHECKED BY: Checker
 APPROVED BY: Approver



1 ROOF PLAN
 1/4" = 1'-0"



1 SOUTH ELEVATION
 A3-3/A3-1
 1/4" = 1'-0"



2 WEST ELEVATION
 A3-3/A3-1
 1/4" = 1'-0"

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ELEVATIONS

DRAWING NO.	A3-1
SCALE:	1/4" = 1'-0"
CP JOB NO.:	CP-19-05
SPA JOB NO.:	19-022
DATE:	09/1/2020
DESIGNED BY:	Designer
DRAWN BY:	KA
CHECKED BY:	KS
APPROVED BY:	KS

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1 6/18/2020

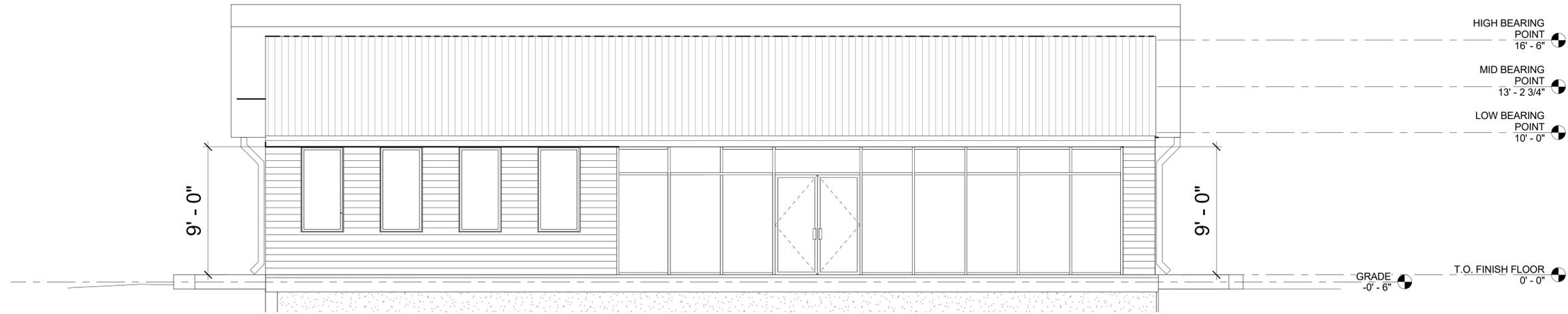
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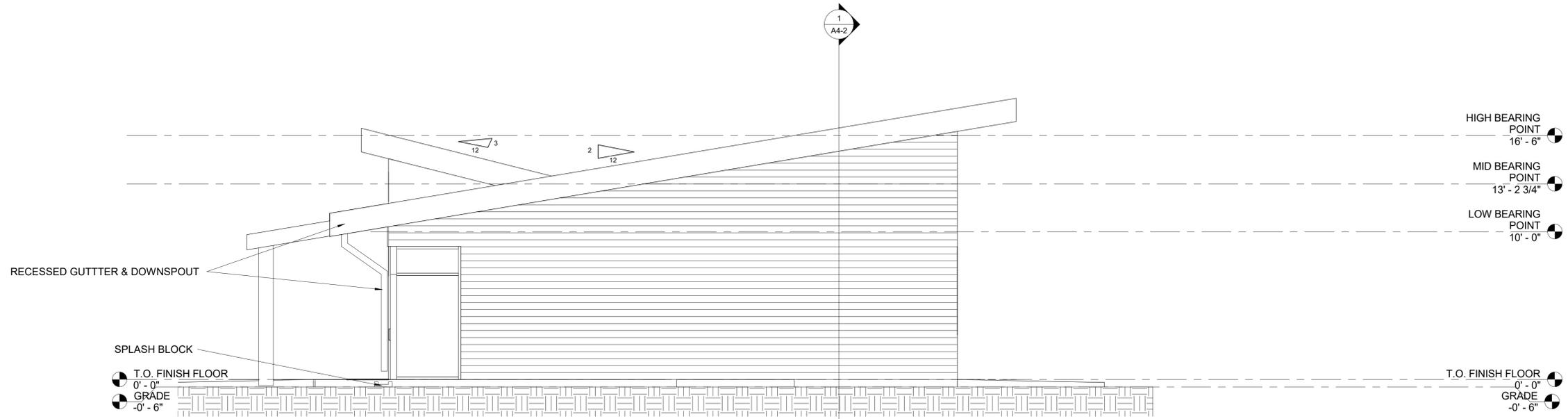
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 COLLEGE PARK, MD 20740

ELEVATIONS

DRAWING NO.
A3-2
 SCALE: 1/4" = 1'-0"
 CP JOB NO.: CP-19-05
 SPA JOB NO.: 19-022
 DATE: 09/1/2020
 DESIGNED BY: Designer
 DRAWN BY: Author
 CHECKED BY: Checker
 APPROVED BY: Approver



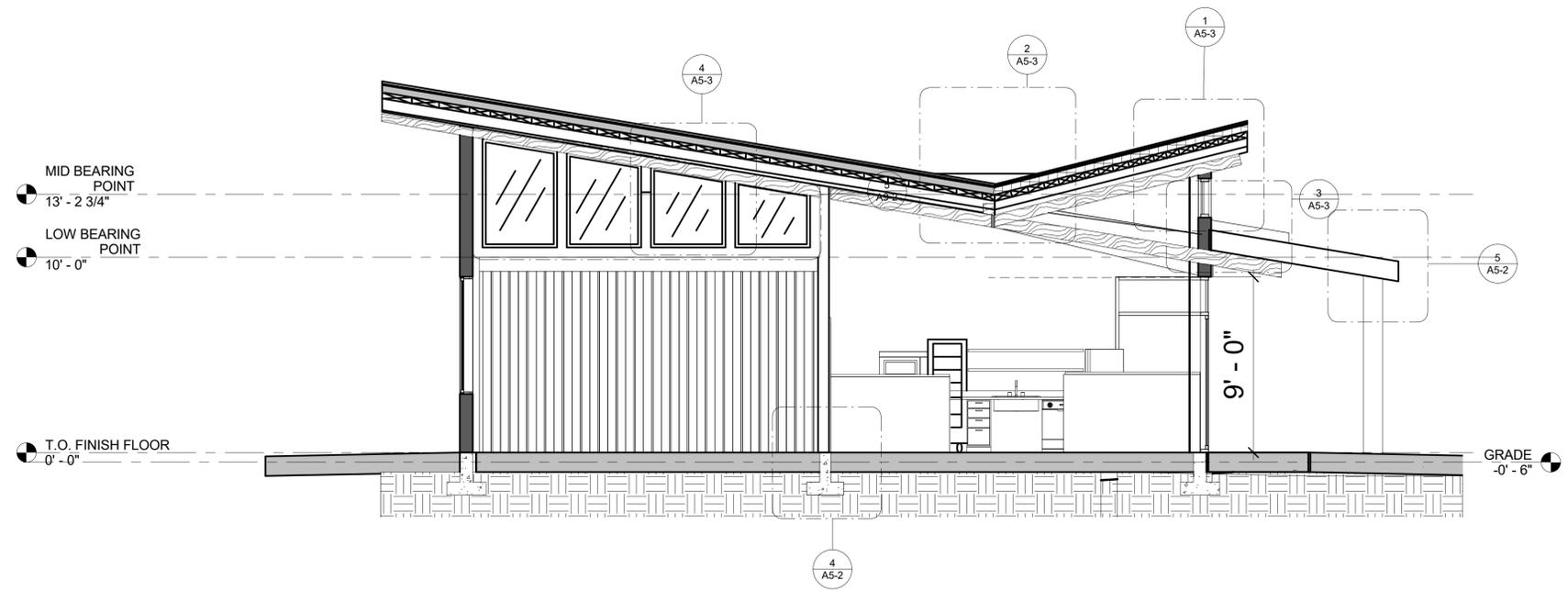
1 NORTH ELEVATION
 1/4" = 1'-0"



2 EAST ELEVATION
 1/4" = 1'-0"



1 Section 3
A2-2(A4-1) 1/4" = 1'-0"



2 Section 8
A2-1(A4-1) 1/4" = 1'-0"

ARCHITECT
SP Arch
 Sherrill • Partners • Architects, Inc.
 Architecture Planning Interiors Interiors
 3613 Milford Mill Rd.
 Windsor Mill, MD 21244
 443-565-0432

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 Tel: (410) 335-0007, Fax: (410) 335-0046
 Email: info@jeengineers.com

TRUE NORTH PLAN NORTH

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1 6/18/2020									

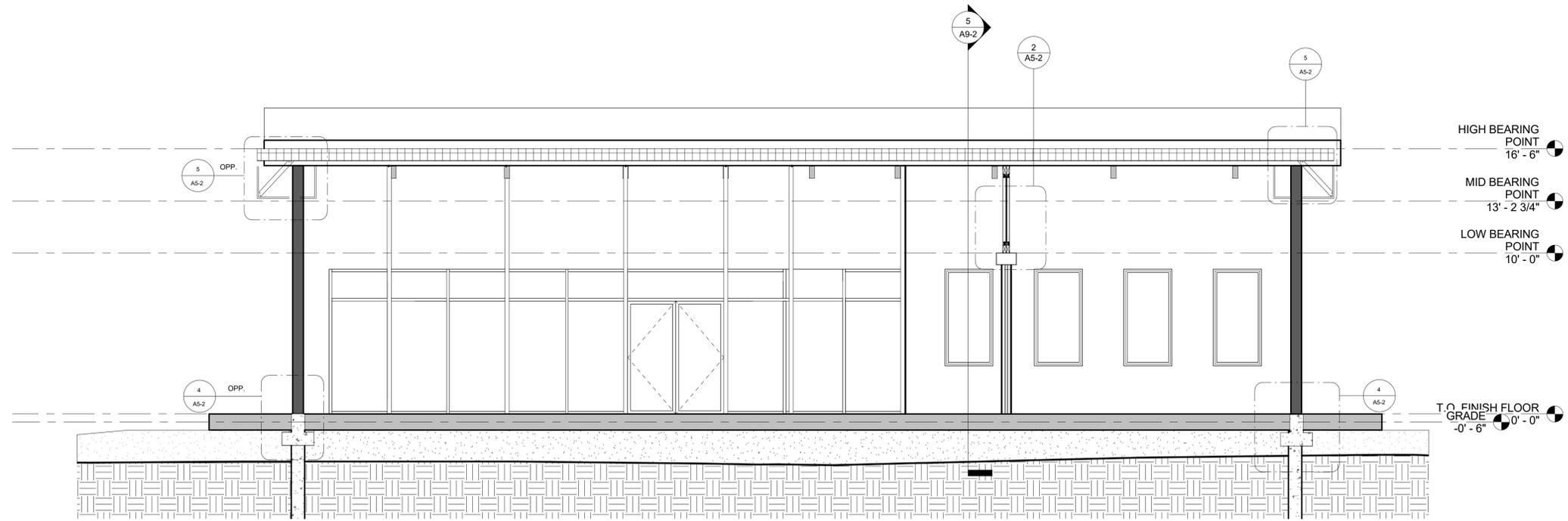
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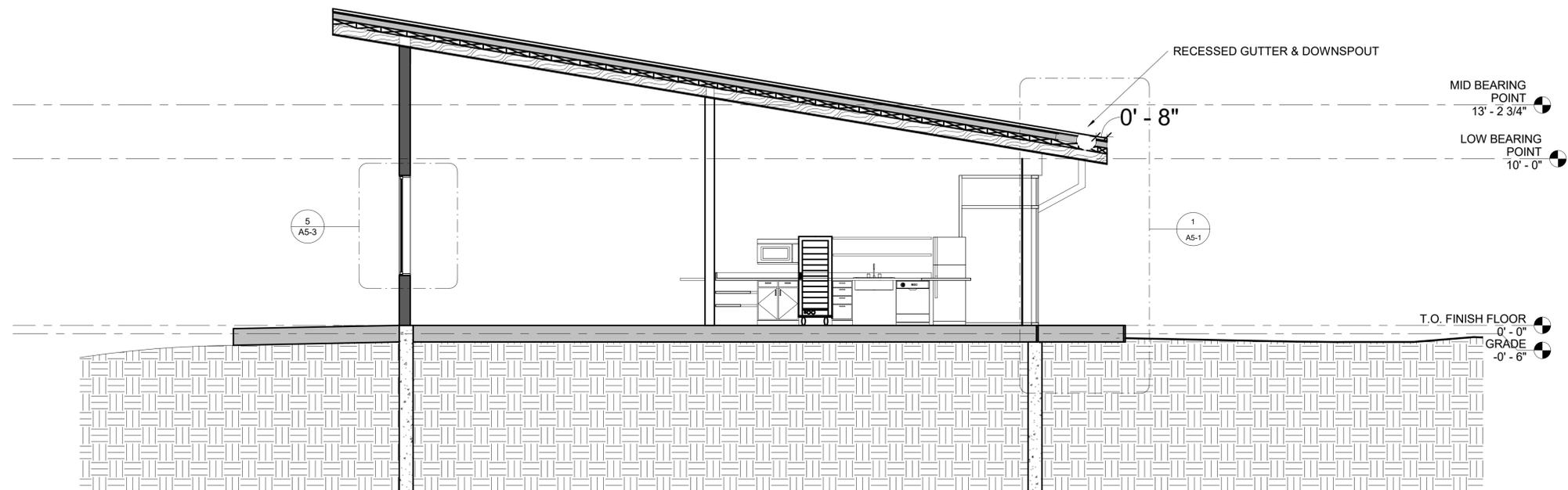
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 COLLEGE PARK, MD 20740

BUILDING SECTIONS

DRAWING NO.
A4-1
 SCALE: 1/4" = 1'-0"
 CP JOB NO.: CP-19-05
 SPA JOB NO.: 19-022
 DATE: 09/1/2020
 DESIGNED BY: Designer
 DRAWN BY: Author
 CHECKED BY: Checker
 APPROVED BY: Approver



1 Section 7
1/4" = 1'-0"



2 Section 6
1/4" = 1'-0"

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6/18/2020
1

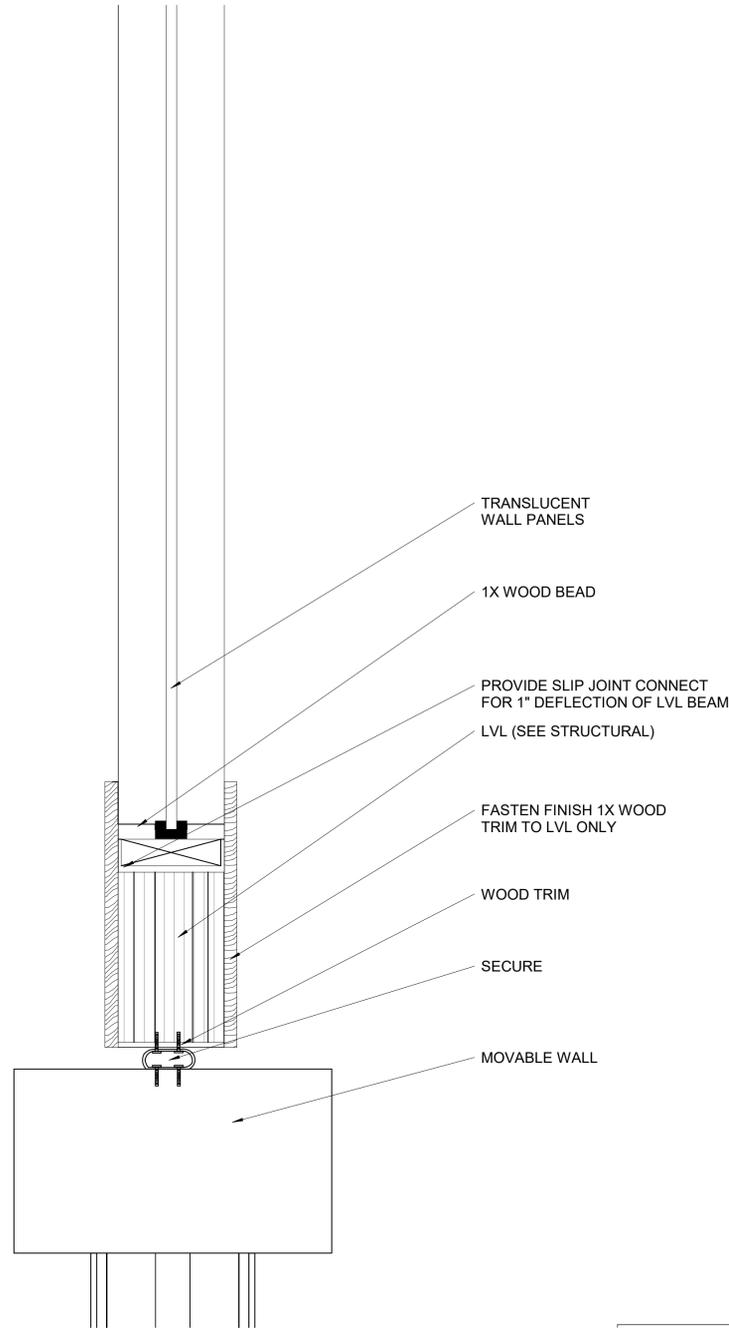
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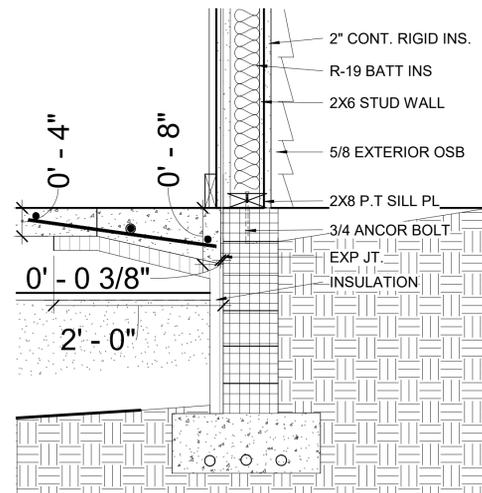
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BUILDING SECTION

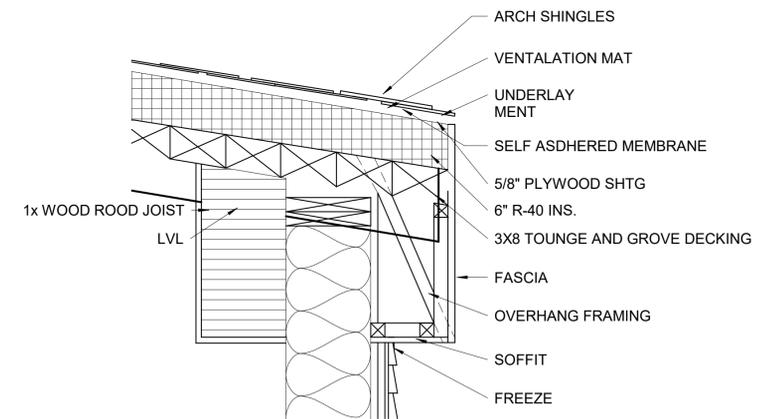
DRAWING NO.
A4-2
 SCALE: 1/4" = 1'-0"
 CP JOB NO.: CP-19-05
 SPA JOB NO.: 19-022
 DATE: 09/1/2020
 DESIGNED BY: Designer
 DRAWN BY: Author
 CHECKED BY: Checker
 APPROVED BY: Approver



2 PARTITION HEADER DETAIL
 3" = 1'-0"



4 FOUNDATION DETAIL 1
 1" = 1'-0"



5 ROOF DETAIL
 1" = 1'-0"

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1 8/19/2020

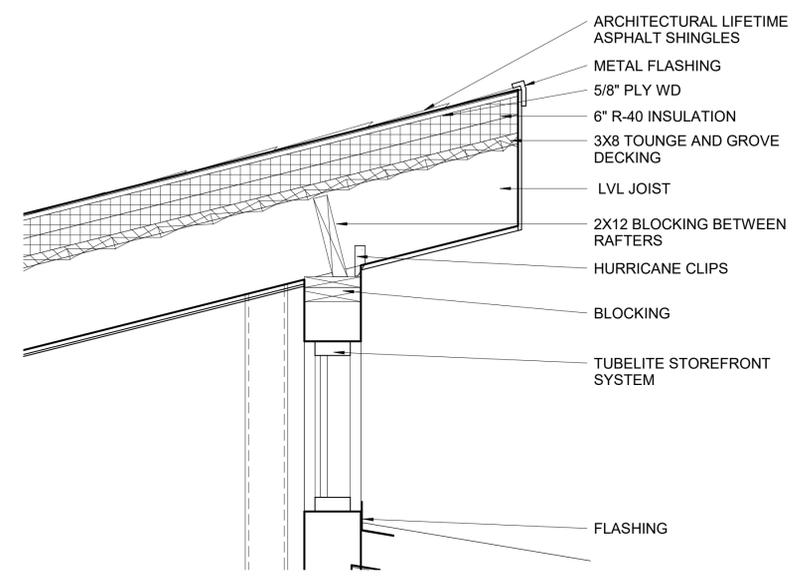
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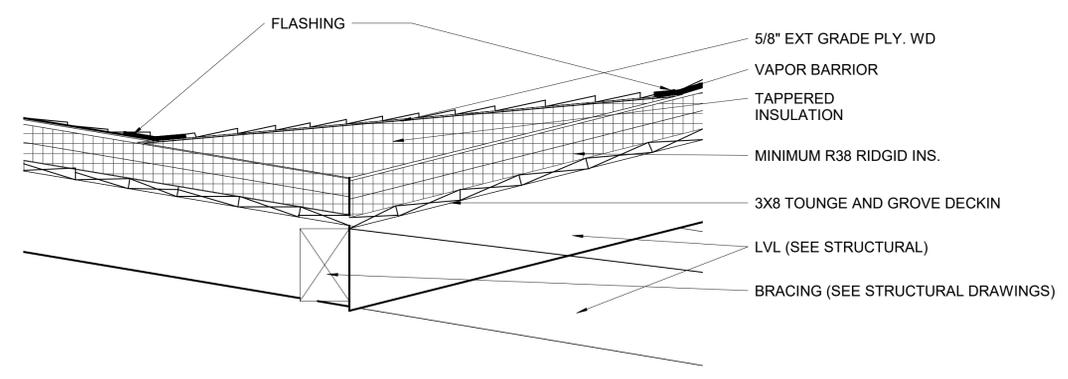
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WALL SECTION DETAILS

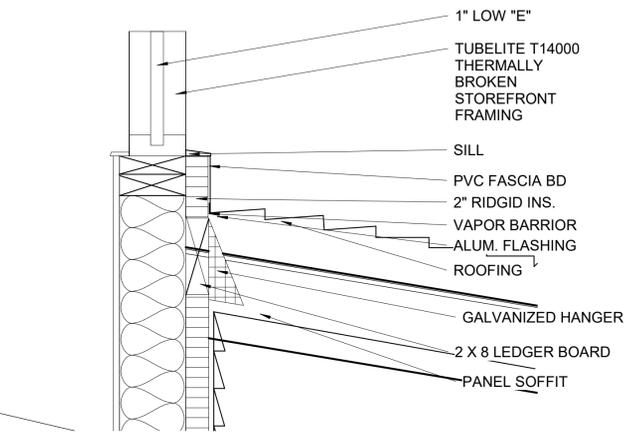
DRAWING NO.	A5-3
SCALE:	1" = 1'-0"
CP JOB NO.:	CP-19-05
SPA JOB NO.:	19-022
DATE:	09/1/2020
DESIGNED BY:	Designer
DRAWN BY:	Author
CHECKED BY:	Checker
APPROVED BY:	Approver



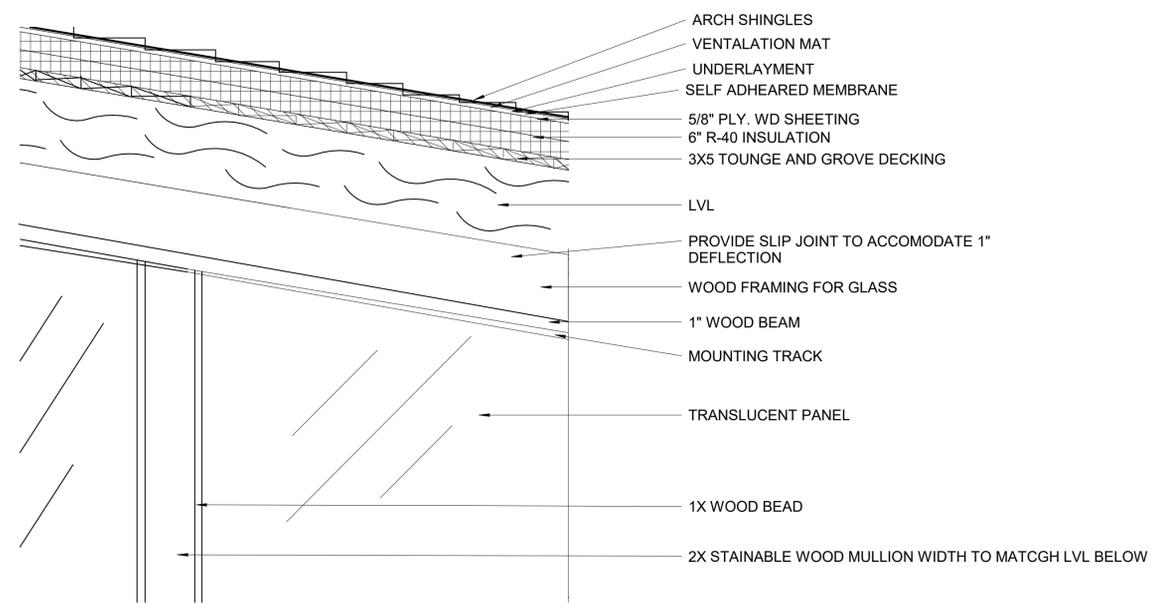
1 Section 8 - Callout 3
 1" = 1'-0"



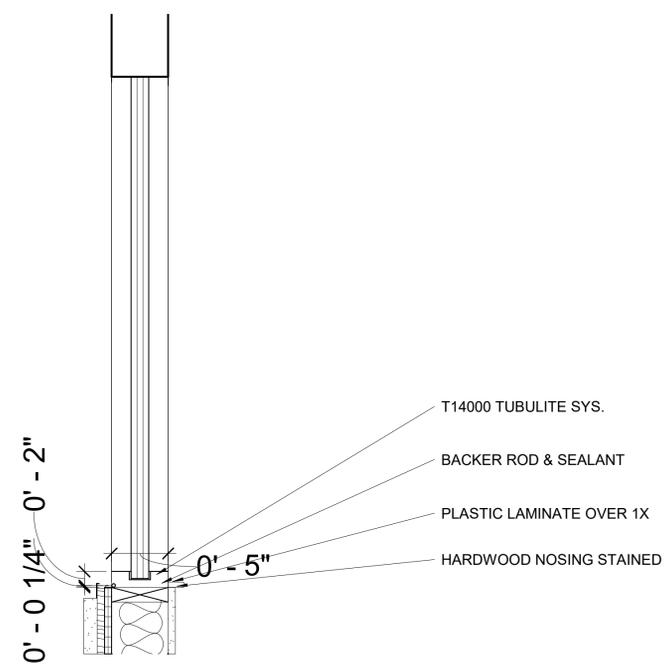
2 Section 8 - Callout 4
 1" = 1'-0"



3 Section 8 - Callout 5
 1" = 1'-0"



4 Section 8 - Callout 6
 1" = 1'-0"



5 Section 6 - Callout 2
 1" = 1'-0"

TOILET ACCESSORIES SCHEDULE

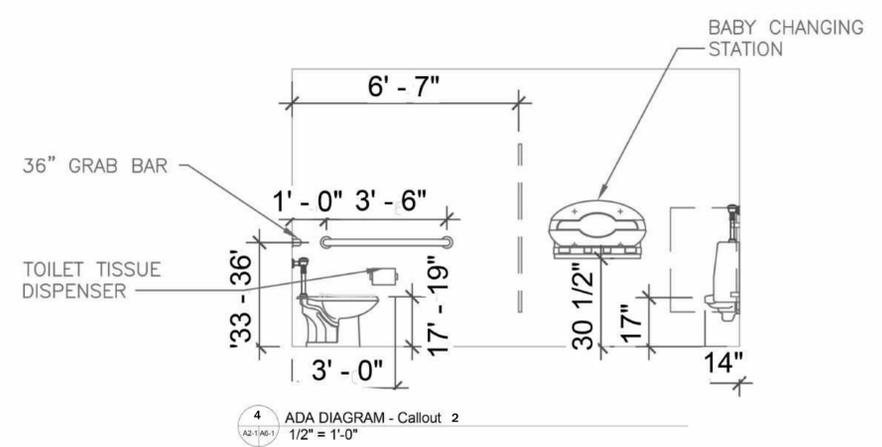
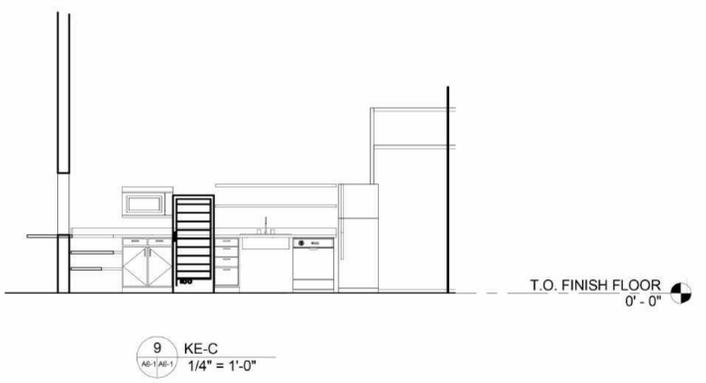
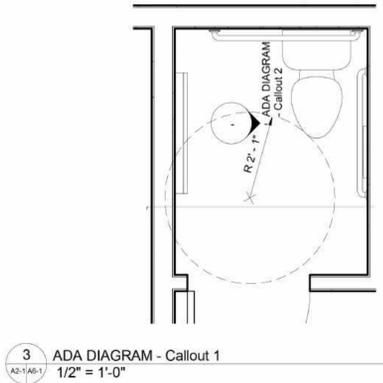
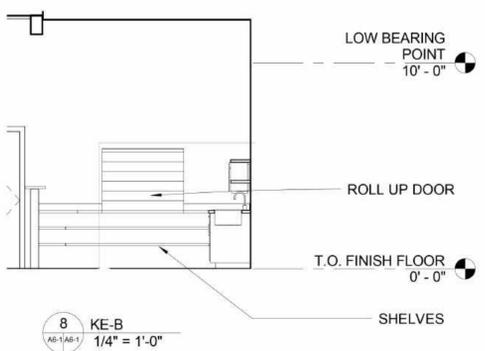
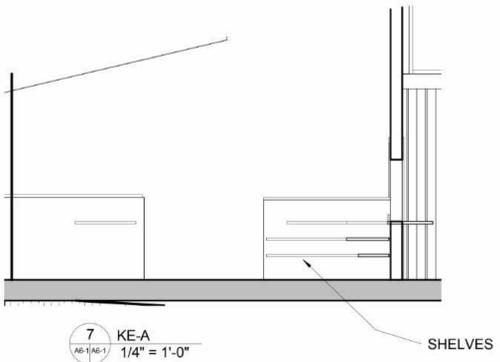
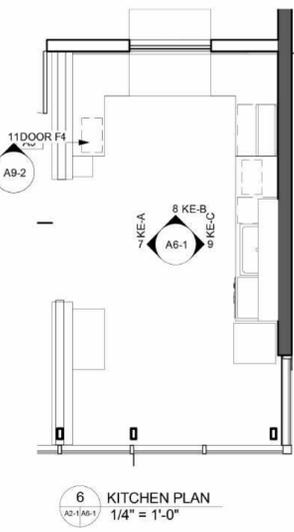
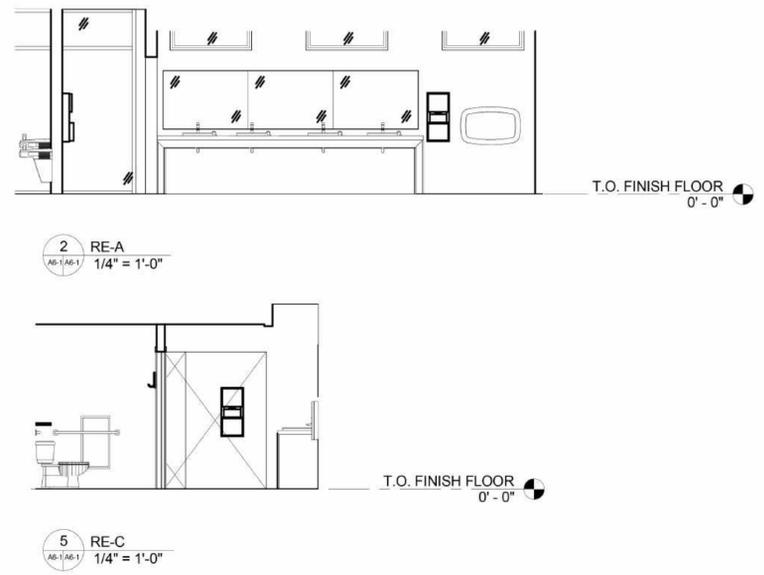
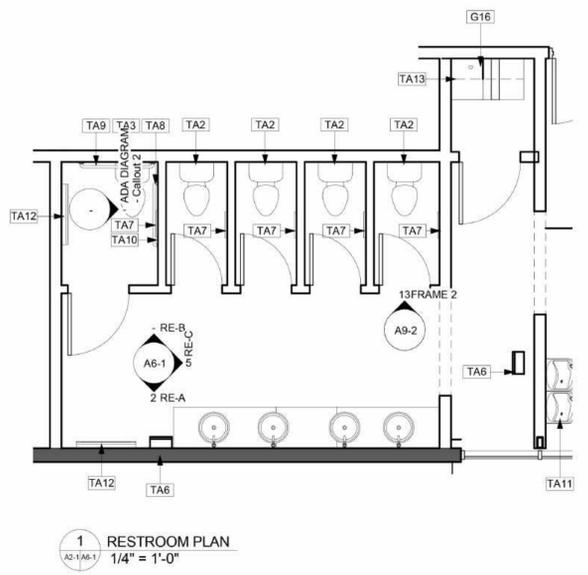
MARK	DESCRIPTION	REMARKS	BASIS OF DESIGN
TA1	ADA/ STANDARD LAVATORY	DROP IN COUNTER MOUNTED	
TA2	STANDARD TOILET	FLOOR MOUNTED	
TA3	ADA TOILET	FLOOR MOUNTED	
TA4	ADA/ STANDARD MIRROR	WALL MOUNTED	
TA5	SOAP DISPENSER	COUNTER MOUNTED	MODEL #B-8263, AS MANUFACTURED BY BOBRICK
TA6	PAPER TOWEL DISPENSER/ WASTE RECEPTACLE	WALL MOUNTED	MODEL #B-43699, AS MANUFACTURED BY BOBRICK
TA7	SEAT COVER DISPENSER/ SANITARY NAPKIN DISPOSAL/ TOILET TISSUE DISPENSER	WAL RECESSED	MODEL #B-35715, AS MANUFACTURED BY BOBRICK
TA8	36" GRAB BAR	WALL MOUNTED	MODEL #B-5806, AS MANUFACTURED BY BOBRICK
TA9	42" GRAB BAR	WALL MOUNTED	MODEL #B-5806, AS MANUFACTURED BY BOBRICK
TA10	VERTICAL GRAB BAR 18"	WALL MOUNTED	MODEL #B-5806, AS MANUFACTURED BY BOBRICK
TA11	ADA/ STANDARD DRINKING FOUNTAIN	WALL MOUNTED	MODEL #EZSTL8WSLK EXH20, AS MANUFACTURED BY ELKAY
TA12	BABY CHANGING STATION	WALL MOUNTED	MODEL #KB200-SS, AS MANUFACTURED BY KOALA KARE
TA13	24" X 24" SERVICE SINK	FLOOR MOUNTED	
TA14	DOOR HOOKS	DOOR MOUNTED	

CASEWORK SCHEDULE

MARK	DESCRIPTION	TYPE	WIDTH	DEPTH	HEIGHT	NOTES
G1	BASE CABINET	DOUBLE DOOR	30"	24"	32.5"	
G2	BASE CABINET	(4) DRAWER	15"	24"	32.5"	
G3	WALL CABINET	DOUBLE DOOR	30"	12"	30"	
G4	WALL CABINET	DOUBLE DOOR	30"	12"	12"	
G5	COUNTERTOP		AS SHOWN	32"	34"	
G6	COUNTERTOP	L SHAPED	AS SHOWN	25"	34"	
G7	COUNTERTOP		AS SHOWN	25"	34"	
G8	COUNTERTOP	L SHAPED	AS SHOWN	25"	34"	
G9	COUNTERTOP	WITH SINK HOLE	AS SHOWN	25"	34"	
G10	COUNTERTOP		AS SHOWN	25"	34"	
G11	COUNTERTOP	ISLAND	AS SHOWN	12"	48"	
G12	COUNTERTOP	ISLAND	AS SHOWN	12"	48"	
G13	SINK	KITCHEN COUNTER MOUNT	30"	21"	AS SHOWN	
G14	SHELVING	WALL MOUNTED	AS SHOWN	12"	AS SHOWN	
G15	SHELVING	WALL MOUNTED	AS SHOWN	18"	AS SHOWN	
G16	SHELVING	WALL MOUNTED	AS SHOWN	48"	AS SHOWN	

APPLIANCE SCHEDULE

MARK	DESCRIPTION	BASIS OF DESIGN	NOTES
A1	REFRIGERATOR		
A2	DISHWASHER		
A3	WARMER		
A4	MICROWAVE		

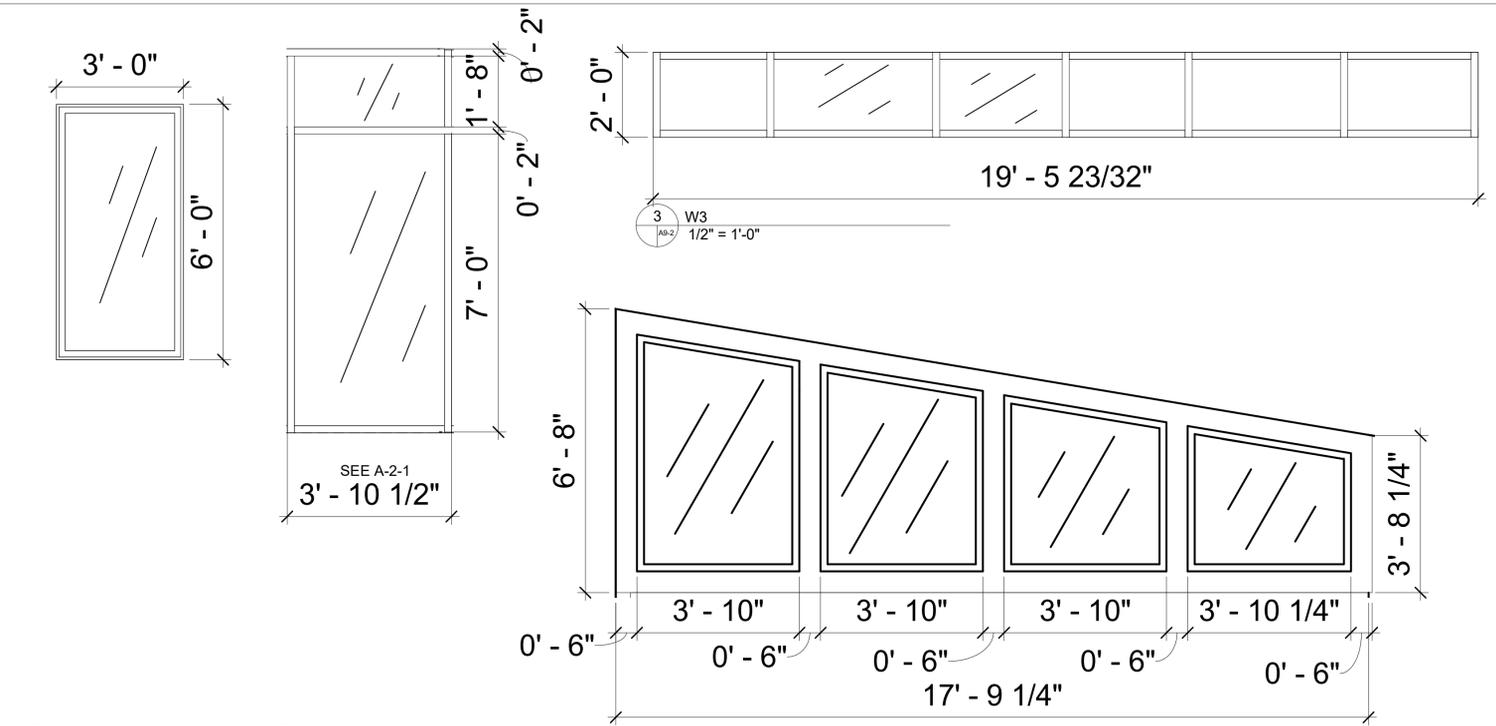


WINDOW SCHEDULE					
WINDOW NUMBER	WIDTH	HGT	MATERIAL	FIRE RATING	REMARKS
W1	3' - 0"	6' - 0"	ALUM/ GL	-	T14000
W2	3' - 7"	9' - 0"	ALUM/ GL	-	T14000
W3	4' 1"	2' 0"	ALUM/ GL	-	T14000
W4	4' 0"	2' 0"	ALUM/ GL	-	T14000

DOOR SCHEDULE										
DOOR NUMBER	WIDTH	HGT	THK	FIRE RATING	DOOR MATERIAL	DOOR TYPE	FRAME TYPE	FRAME MATERIAL	HW SET	REMARKS
1	6' - 0"	7' - 0"	0' - 1"		ALUM/GLAZE	C	3			T14000
2	6' - 4" (2)	5' - 8"	0' - 2"	-	WOOD	B	1			
3	3' - 0"	7' - 0"	0' - 2"		WOOD	E	2			
4	3' - 0"	7' - 0"	0' - 2"		WOOD	F	2			
5	2' - 6"	7' - 0"	0' - 2"		WOOD	D	4			
6	2' - 6"	7' - 0"	0' - 2"		STEEL/ WOOD	D	4			
7	2' - 6"	7' - 0"	0' - 2"		STEEL/ WOOD	D	4			
8	2' - 6"	7' - 0"	0' - 2"		STEEL/ WOOD	D	4			
9	3' - 0"	7' - 0"	0' - 2"		STEEL/ WOOD	F	2			
10	3' - 6"	7' - 0"	0' - 1 3/4"		HM FRAME/ METAL	F	2			
11	3' - 6"	7' - 0"	0' - 1 3/4"		HM FRAME/ METAL	A	2			
12	6' - 8"	5' - 8"	0' - 2"		STEEL/ WOOD	F	1			
13	6' - 8"	5' - 8"	0' - 2"		STEEL/ WOOD	F	1			
14	6' - 8"	5' - 8"	0' - 2"		STEEL/ WOOD	F	1			
15	6' - 0"	7' - 0"	0' - 1"		ALUM/GLAZE	C	3			T14000
19	0' - 0"									
20	0' - 0"									

ALL STORE FRONTS TO BE TUBELITE SYSTEM T14000 OR EQUAL

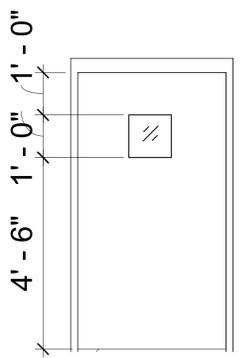
ALL EXTERIOR GLAZING TO BE 1" INSULATED GLAZING LOW "E" CONSISTING OF 1/4" FLOAT AND TEMPER IN ALL DOORS AND ALL WINDOWS WITHIN 24" OF A DOOR, AND ALL WINDOWS 24" ABOVE THE FINISHED FLOOR



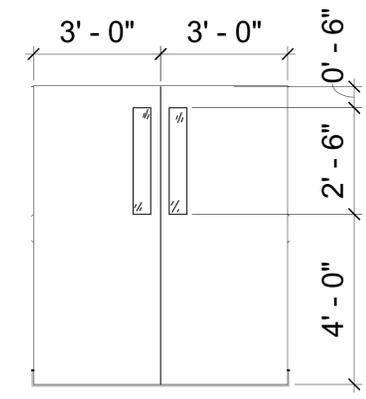
1 W1
1/2" = 1'-0"

2 W2
1/2" = 1'-0"

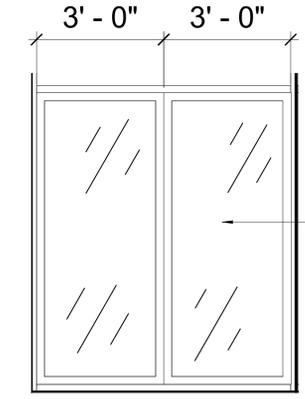
5 W5
1/2" = 1'-0"



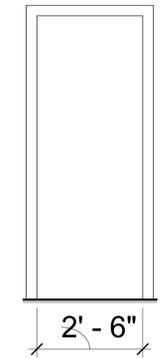
6 DOOR A
1/2" = 1'-0"



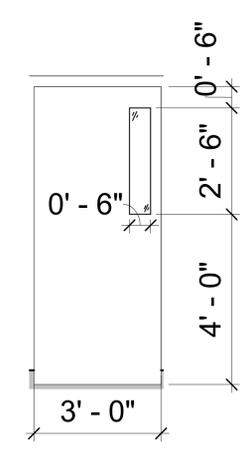
7 DOOR B
1/2" = 1'-0"



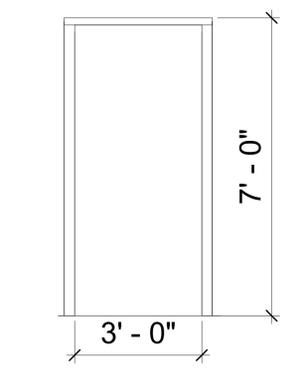
8 DOOR C
1/2" = 1'-0"



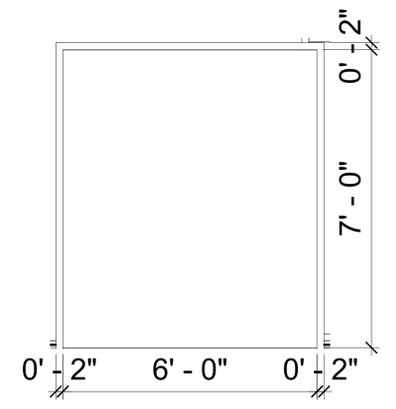
9 DOOR D
1/2" = 1'-0"



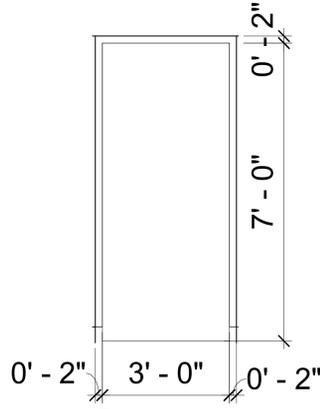
10 DOOR E
1/2" = 1'-0"



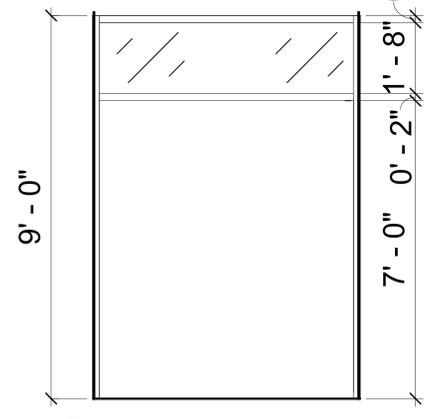
11 DOOR F
1/2" = 1'-0"



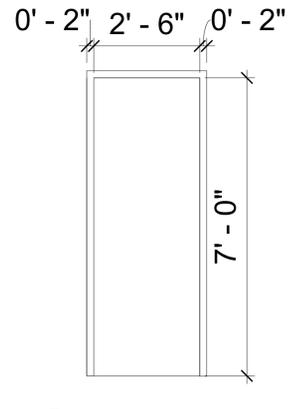
12 FRAME 1
1/2" = 1'-0"



13 FRAME 2
1/2" = 1'-0"



14 FRAME 3
1/2" = 1'-0"



15 FRAME 4
1/2" = 1'-0"

1" INSULATED TEMPERED GLASS

50% SUBMISSION
6/29/2020
1

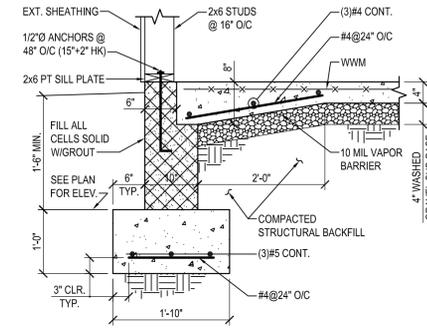
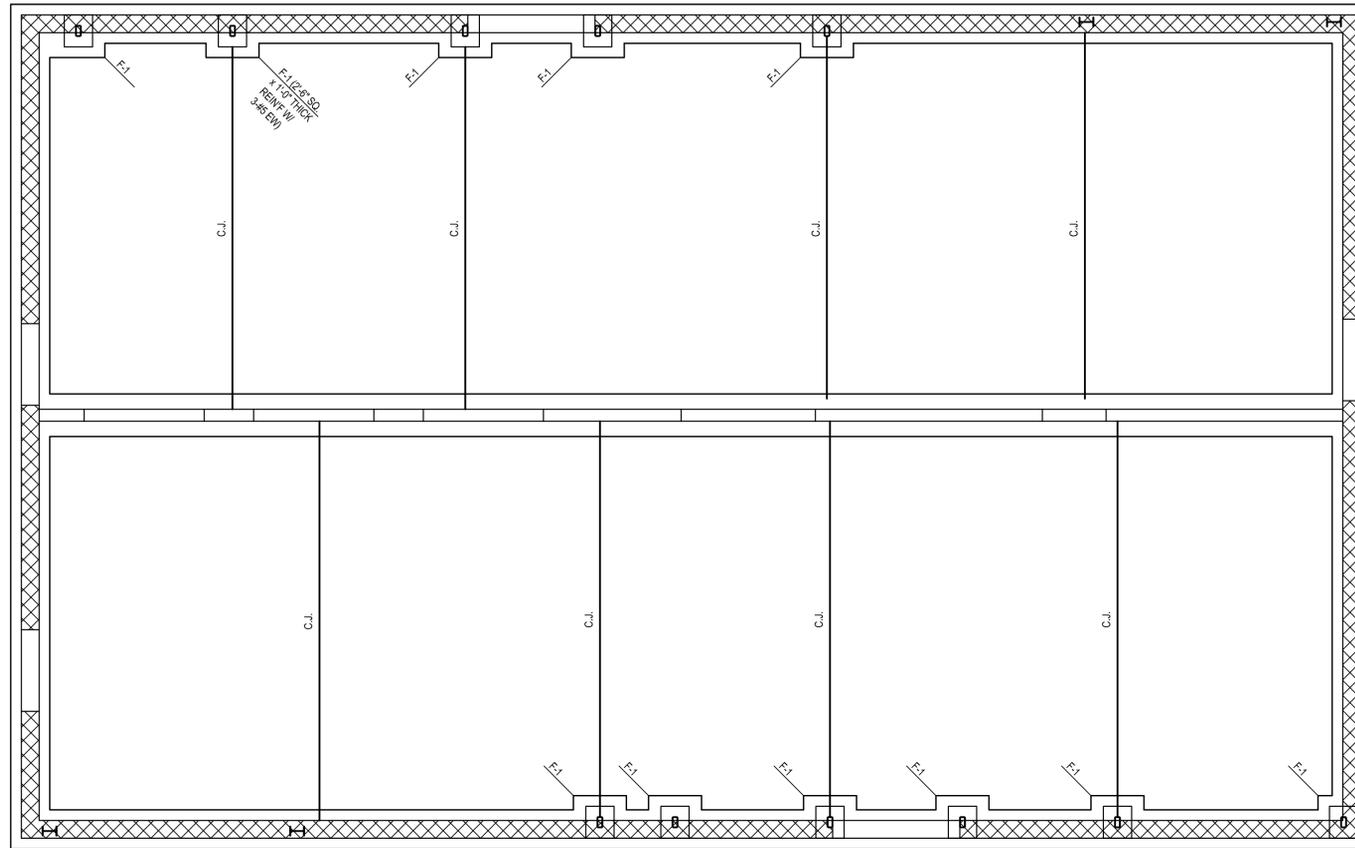
SEAL

PROFESSIONAL CERTIFICATION:
 I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland, license number 17630, expiration date 12/16/2021.

COLLEGE PARK DESIGN-BUILD COMMUNITY SPACE
 3545 MARLBOROUGH WAY
 COLLEGE PARK, MD 20740

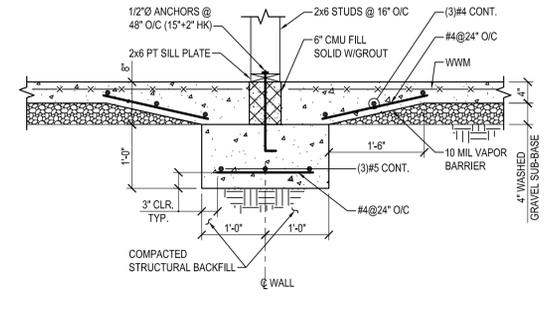
FOUNDATION PLAN

DRAWING NO.	S1-1
SCALE:	AS NOTED
CP JOB NO.:	CP-19-05
SPA JOB NO.:	19-022
DATE:	08/28/2020
DESIGNED BY:	G.L.H.
DRAWN BY:	D.E.F.
CHECKED BY:	P.S.H.
APPROVED BY:	G.L.H.



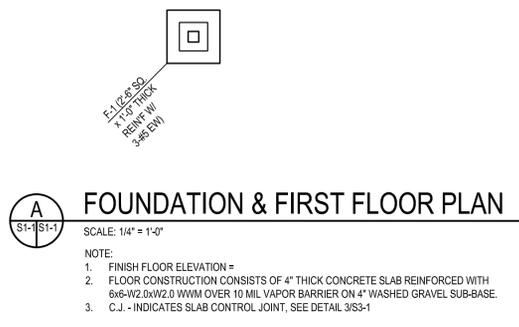
TYPICAL EXTERIOR WALL FOOTING

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

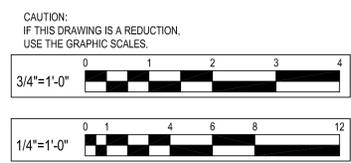


TYPICAL INTERIOR WALL FOOTING

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



A FOUNDATION & FIRST FLOOR PLAN
 SCALE: 1/4" = 1'-0"
 NOTE:
 1. FINISH FLOOR ELEVATION =
 2. FLOOR CONSTRUCTION CONSISTS OF 4" THICK CONCRETE SLAB REINFORCED WITH 6x6-W2.0xW2.0 WWM OVER 10 MIL VAPOR BARRIER ON 4" WASHED GRAVEL SUB-BASE.
 3. C.J. - INDICATES SLAB CONTROL JOINT, SEE DETAIL 3/3-1



**PROGRESS SUBMISSION
 NOT FOR CONSTRUCTION**

1	6/29/2020	50% SUBMISSION
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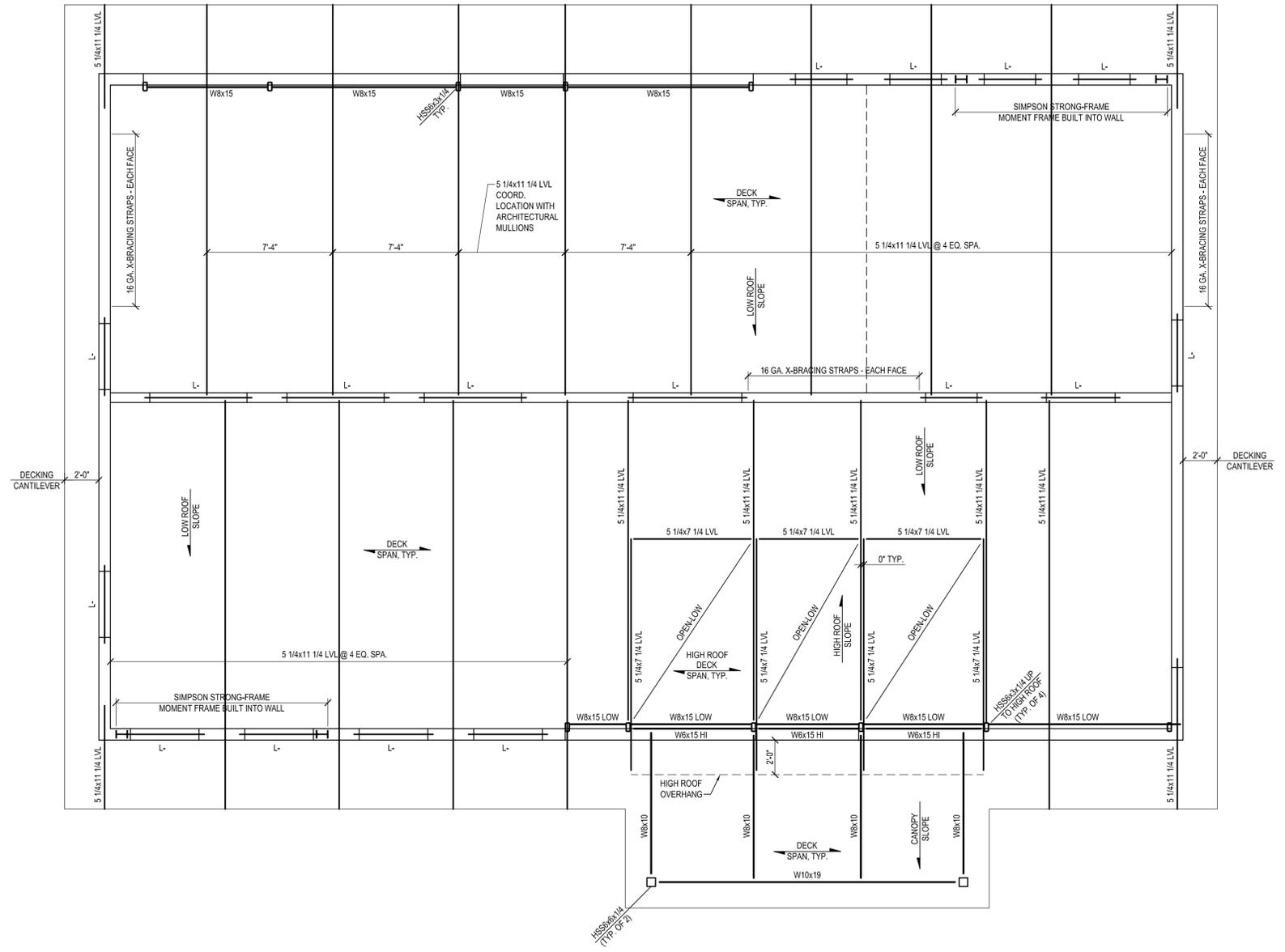
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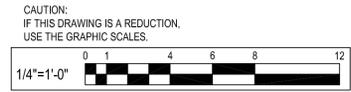
ROOF FRAMING PLAN

DRAWING NO.	S1-2
SCALE:	AS NOTED
CP JOB NO.:	CP-19-05
SPA JOB NO.:	19-022
DATE:	08/28/2020
DESIGNED BY:	G.L.H.
DRAWN BY:	D.E.F.
CHECKED BY:	P.S.H.
APPROVED BY:	G.L.H.

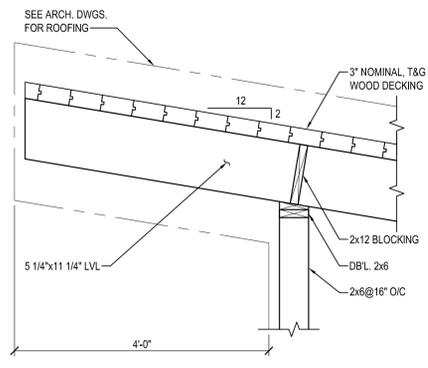


ROOF FRAMING PLAN

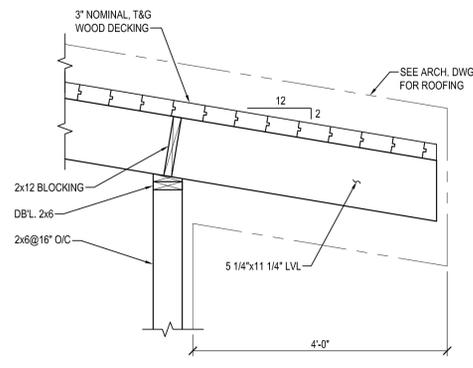
SCALE: 1/4" = 1'-0"
 NOTE:
 1. TYPICAL ROOF CONSTRUCTION CONSISTS OF 3" NOMINAL TONGUE & GROOVE WOOD DECKING. FASTEN TO SUPPORTS PER MANUFACTURER'S RECOMMENDATIONS.



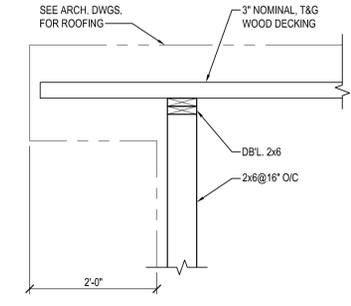
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 NOT FOR CONSTRUCTION**



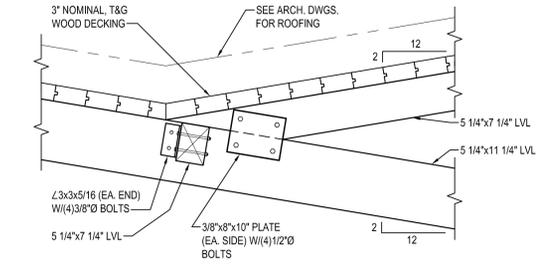
1 SECTION
SCALE: 3/4" = 1'-0"



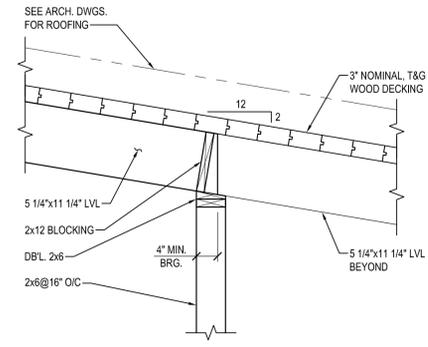
2 SECTION
SCALE: 3/4" = 1'-0"



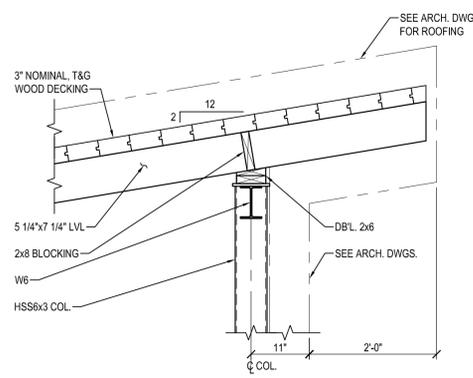
3 SECTION
SCALE: 3/4" = 1'-0"



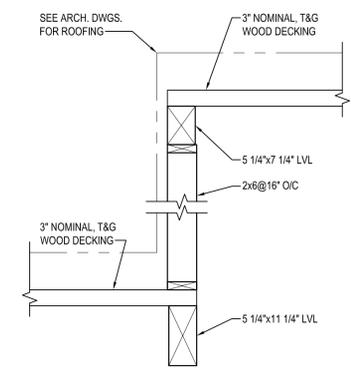
4 SECTION
SCALE: 3/4" = 1'-0"



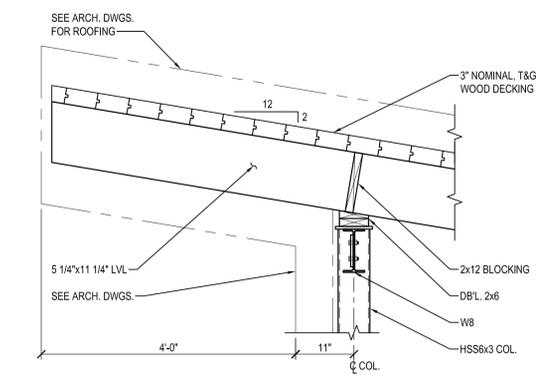
5 SECTION
SCALE: 3/4" = 1'-0"



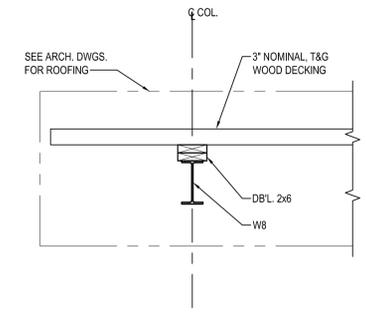
6 SECTION
SCALE: 3/4" = 1'-0"



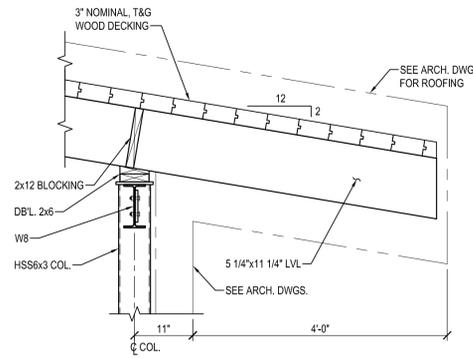
7 SECTION
SCALE: 3/4" = 1'-0"



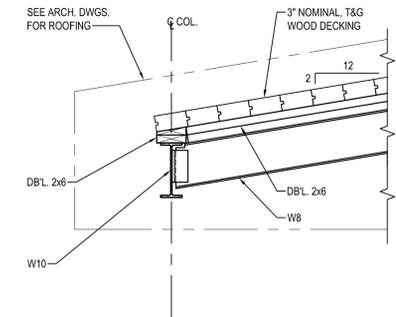
8 SECTION
SCALE: 3/4" = 1'-0"



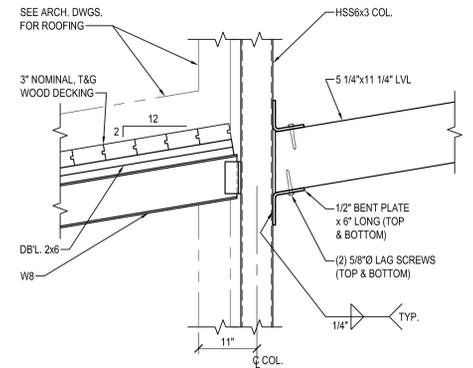
9 SECTION
SCALE: 3/4" = 1'-0"



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



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



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

ARCHITECT
SPArch
Sherrill + Partners + Architects, Inc.
Architecture Planning Inspection Interiors
3613 Milford Mill Rd.
Windsor Mill, MD 21244
443-565-0432

CIVIL/STRUCTURAL
WBCM
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MEP
Johnson
Consulting
Engineers, Inc.
135 W. 25th Street, Baltimore, Maryland 21201
Tel: (410) 235-0207, Fax: (410) 235-0206
Email: info@johnsoneng.com

TRUE NORTH PLAN NORTH

1	6/29/2020	50% SUBMISSION
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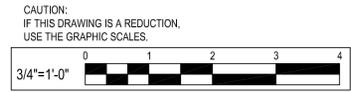
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3545 MARLBOROUGH WAY
COLLEGE PARK, MD 20740

SECTIONS AND DETAILS

DRAWING NO.
S2-2
SCALE: AS NOTED
CP JOB NO.: CP-19-05
SPA JOB NO.: 19-022
DATE: 08/28/2020
DESIGNED BY: G.L.H.
DRAWN BY: D.E.F.
CHECKED BY: P.S.H.
APPROVED BY: G.L.H.



**PROGRESS SUBMISSION
NOT FOR CONSTRUCTION**

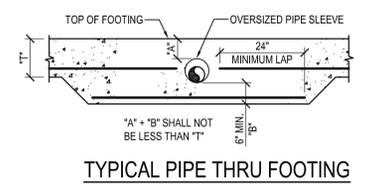
Aug 28, 2020 - 3:21pm User: delfx

GENERAL NOTES

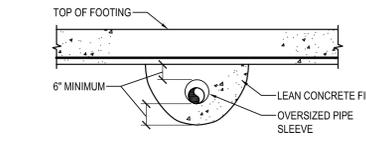
- I. CODE
A. ALL CONSTRUCTION SHALL CONFORM TO 2018 INTERNATIONAL BUILDING CODE, AND LOCAL AMENDMENTS.
II. DESIGN LOADING
A. THE FOLLOWING LIVE LOADS WERE USED IN DESIGN:
IBC 1603.1.1 - FLOOR LIVE LOAD
FLOOR LIVE LOAD = 100 PSF (SLAB ON GRADE)
IBC 1603.1.2 - ROOF LIVE LOAD
ROOF LIVE LOAD = [20] PSF
IBC 1603.1.3 - ROOF SNOW LOAD
GROUND SNOW LOAD (Pg) = [20] PSF
FLAT SNOW LOAD (Pp) = [20] PSF
SNOW EXPOSURE FACTOR (Ce) = [1.0]
SNOW LOAD IMPORTANCE FACTOR (I) = [1]
THERMAL FACTOR (Ct) =
IBC 1603.1.4 - WIND LOAD
ULTIMATE DESIGN WIND SPEED (Vult) =
NOMINAL DESIGN WIND SPEED (Vnom) =
RISK CATEGORY =
WIND EXPOSURE = C
INTERNAL PRESSURE COEFFICIENT =
IBC 1603.1.5 - EARTHQUAKE DESIGN DATA
RISK CATEGORY =
SEISMIC IMPORTANCE FACTOR (Ih) = [1]
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS:
Ss =
S1 =
SITE CLASS =
DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS:
Sds =
Sd1 =
SEISMIC DESIGN CATEGORY =
BASIC SEISMIC FORCE-RESISTING SYSTEM:
DESIGN BASE SHEAR = KIPS
SEISMIC RESPONSE COEFFICIENT (Cp) =
RESPONSE MODIFICATION COEFFICIENT (R) =
ANALYSIS PROCEDURE USED =
IBC 1603.1.7 - FLOOD DESIGN DATA: NA
IBC 1603.1.8 - SPECIAL LOADS: NA
IBC 1603.1.9 - SYSTEMS AND COMPONENTS REQUIRING SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE: NA
B. ALL STRUCTURAL COMPONENTS HAVE BEEN DESIGNED FOR THE DEAD LOADS OF THE MATERIALS SHOWN ON THE PLANS AND THE LIVE LOADS SHOWN ABOVE.
C. THE STABILITY OF THE STRUCTURE IS DEPENDENT UPON THE DIAPHRAGM ACTION OF THE ROOFS.
D. WEIGHT OF EQUIPMENT SHOWN ON THE STRUCTURAL DRAWINGS HAVE BEEN CONSIDERED IN THE DESIGN OF THE FRAMING.
III. GENERAL
A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE LOCATION OF ANY UTILITIES IN THE IMMEDIATE VICINITY OF CONSTRUCTION SO AS TO PREVENT DAMAGE TO THEM.
B. LOADS GREATER THAN THE DESIGN LIVE LOADS SHALL NOT BE PLACED ON THE STRUCTURE.
C. CONSULT THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR VERIFICATION OF LOCATION AND DIMENSION OF CHASES, INSERTS, OPENINGS, SLEEVES, WASHERS, DRIPS, REVEALS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS.
D. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH CONSTRUCTION.
E. THE BUILDING FRAME IS NOT SELF-SUPPORTING UNTIL ALL CONNECTIONS HAVE BEEN MADE, ALL DIAPHRAGMS INSTALLED AND THE LATERAL LOAD RESISTING SYSTEM COMPLETELY CONSTRUCTED AND TIED TOGETHER INCLUDING ALL FOUNDATIONS, ROOF SYSTEMS, COLUMNS, DIAGONAL BRACING SYSTEMS, WALLS, AND ALL ASSOCIATED CONSTRUCTION.
F. ALL WORK SPECIFIED HEREIN SHALL BE INSPECTED IN ACCORDANCE WITH THE BUILDING CODE AND ALL LOCAL ORDINANCES.
G. ALL STOREFRONTS AND EXTERIOR CEILINGS SHALL BE DESIGNED FOR ALL APPLICABLE DEAD LOADS AND FOR ALL LIVE, WIND, AND SEISMIC LOADS AS SPECIFIED IN THE LOCAL BUILDING CODE.
H. ANY REVIEW OF STRUCTURAL ITEM SHOP DRAWINGS BY (THE STRUCTURAL ENGINEER) IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AS PRESENTED BY THE CONTRACT DOCUMENTS.
I. AT THE TIME OF SHOP DRAWING SUBMISSION, THE GENERAL CONTRACTOR SHALL STATE IN WRITING ANY DEVIATION OR OMISSIONS FROM THE CONTRACT DOCUMENTS.
K. THE STRUCTURAL CONTRACT DOCUMENTS ARE NOT TO BE REPRODUCED FOR USE AS SHOP DRAWINGS.
L. SHOP DRAWINGS FOR ALL STRUCTURAL ITEMS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE GENERAL CONTRACTOR.

- IV. FOUNDATIONS
A. SPREAD FOOTINGS
1. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISH GRADE.
2. FOOTINGS HAVE BEEN DESIGNED FOR AN ASSUMED NET SOIL BEARING PRESSURE OF 2500 PSF.
3. ALL FILL UNDER FOOTINGS AND SLABS SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY PER ASTM D-1577, MODIFIED PROCTOR.
4. ALL EXCAVATION, BACKFILLING, AND FILLING OPERATIONS BENEATH THE BUILDING SLAB AND FOUNDATIONS, AND ALL COMPACTION TESTS AND INSPECTION, SHALL BE DONE UNDER THE DIRECTION AND SUPERVISION OF A REGISTERED PROFESSIONAL GEOTECHNICAL ENGINEER RETAINED BY THE CONTRACTOR.
V. CAST-IN-PLACE CONCRETE
A. GENERAL
1. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST APPROVED EDITIONS OF THE FOLLOWING ACI AND ASTM DOCUMENTS:
ACI-301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
ACI-318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
ACI-306 COLD WEATHER
ACI-315 DETAILING
ACI-305 HOT WEATHER
ACI-211 PROPORTIONS OF CONCRETE
ACI-304 PLACING CONCRETE
ASTM C94 READY-MIX CONCRETE
2. ALL FIELD AND LAB TESTING OF CONCRETE SHALL CONFORM TO THE LATEST APPROVED EDITIONS OF ASTM:
ASTM C31 FIELD CYLINDER SPECIMENS
ASTM C143 SLUMP TEST
ASTM C231 AIR CONTENT (WHEN REQUIRED)
ASTM C39 LAB TESTING CYLINDERS
ASTM C172 SAMPLING FRESH CONCRETE
UPON COMPLETION OF CONCRETE TESTING, THE AGENCY SHALL CERTIFY THEIR RESULTS AS FOLLOWS:
I CERTIFY THAT THE FIELD AND LAB TESTING CONFORMS TO THE ASTM DOCUMENTS AND GOOD PRACTICE.
SIGNED _____ P.E. (FOR AGENCY)
3. ALL CONCRETE, UNLESS NOTED OTHERWISE, SHALL BE STONE AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
4. ALL CONCRETE MIX DESIGNS AND ADMIXTURES SHALL BE APPROVED BY THE ARCHITECT 30 DAYS PRIOR TO INITIATION OF FIRST POUR.
5. ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60.
6. FLOOR SLABS SHALL BE PLACED TO A TOLERANCE HAVING A MAXIMUM AMPLITUDE OF 1/4" IN 10 FEET IN ANY DIRECTION.
7. ALL CONCRETE SHALL BE SAMPLED AND TESTED BY AN AGENCY RETAINED BY THE CONTRACTOR.
8. TESTING FREQUENCY: OBTAIN ONE CONCRETE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE EXCEEDING 5 CU. YD. BUT LESS THAN 25 CU. YD. PLUS ONE SET FOR EACH ADDITIONAL 25 CU. YD. OR FRACTION THEREOF.
a. CAST AND LABORATORY CURE TWO SETS OF TWO STANDARD CYLINDER COMPRESSIVE STRENGTH TESTS: ASTM C39; TEST ONE SET OF TWO SPECIMENS AT 7 DAYS AND ONE SET OF TWO SPECIMENS AT 28 DAYS.
b. A COMPRESSIVE-STRENGTH TEST SHALL BE THE AVERAGE COMPRESSIVE STRENGTH FROM A SET OF TWO SPECIMENS OBTAINED FROM SAME COMPOSITE SAMPLE AND TESTED AT AGE INDICATED.
VI. MASONRY
1. ALL MASONRY CONSTRUCTION AND MATERIALS USED HEREIN (CONCRETE MASONRY, CLAY MASONRY, MORTAR, GROUT AND STEEL REINFORCEMENT) SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530/ASCE 5/TMS 402) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 8/TMS 602) IN ALL RESPECTS.
2. UNLESS OTHERWISE NOTED CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1900 PSI.
3. MASONRY BEARING WALLS SHALL CONSIST OF STANDARD HOLLOW UNITS CONFORMING TO ASTM C 90 UNLESS OTHERWISE NOTED.
4. ALL MORTAR SHALL CONFORM TO THE REQUIREMENTS FOR PROPORTIONS, MIXING, STRENGTH, SAMPLING, TESTING, AND APPLICATION FOR PORTLAND CEMENT/LIME TYPE "S" MORTAR AS DESCRIBED IN ACI 530.
5. ALL SOLID CMU IS TO BE 100% SOLID CMU OR HOLLOW CMU WITH ALL CELLS FILLED 100% SOLID WITH PEA GRAVEL CONCRETE WITH FC = 2500 PSI OR GROUT CONFORMING TO ASTM C-476.
6. ALL MASONRY WALLS SHALL BE REINFORCED WITH NO. 9 GAGE, TRUSS-TYPE HOT DIPPED GALVANIZED JOINT REINFORCEMENT SPACED VERTICALLY AT 18" O.C. U.O. PROVIDE CORNER AND TEE PIECES AT ALL INTERSECTIONS. LAP ALL JOINT REINFORCEMENT 6" MINIMUM.

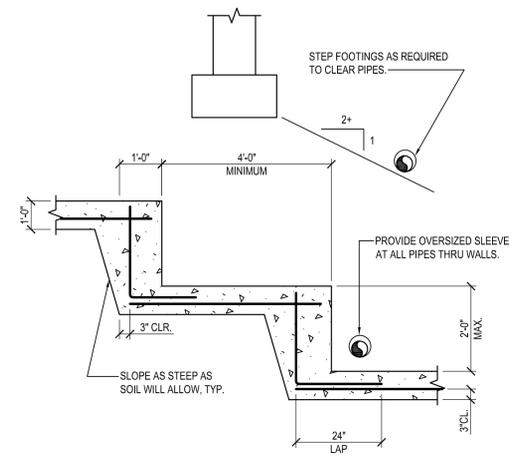
- VII. STRUCTURAL AND MISCELLANEOUS STEEL
A. GENERAL
1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE FOURTEENTH EDITION OF THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND ALL ITS SUPPLEMENTS, AND TO THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
2. ALL STRUCTURAL STEEL SHALL BE AS FOLLOWS:
W-SHAPES.....ASTM A992, FY = 50,000 PSI
MISCELLANEOUS STEEL.....ASTM A36, FY = 36,000 PSI
RECTANGULAR/SQUARE HSS.....ASTM A500 GRADE B, FY = 46,000 PSI
ROUND HSS.....ASTM A500 GRADE B, FY = 42,000 PSI
STEEL PIPE.....ASTM A53 GRADE B, FY = 35,000 PSI
3. ALL WELDED CONNECTIONS SHALL BE DONE WITH E70XX ELECTRODES.
4. SHOP AND FIELD WELDS SHALL BE MADE BY APPROVED CERTIFIED WELDERS AND SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE FOR BUILDINGS AWS D1.1.
5. EXPOSED STRUCTURAL STEEL SHALL CONFORM TO THE "SPECIFICATION FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL" AISC.
6. THE USE OF A GAS-CUTTING TORCH IN THE FIELD FOR CUTTING HOLES OR FOR CORRECTIONS FABRICATION ERRORS WILL NOT BE PERMITTED ON NEW STRUCTURAL FRAMING MEMBERS EXCEPT WITH THE WRITTEN APPROVAL OF THE ARCHITECT FOR EACH SPECIFIC CONDITION.
7. WOOD PLATES SHALL BE BOLTED TO THE STEEL BEAMS WITH 5/8" DIAMETER BOLTS AT 24" ON CENTER STAGGERED UNLESS NOTED OTHERWISE.
8. ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH AN APPROVED CORROSION RESISTANT PRIMER.
9. AN INDEPENDENT INSPECTION AGENCY SHALL BE EMPLOYED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER TO INSPECT THE STRUCTURAL STEEL IN THE FIELD AND VERIFY THAT IT CONFORMS TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
10. PROVIDE 2-3/8" THICK STIFFENER PLATES WHERE STEEL BEAMS CANTILEVER OVER TOPS OF COLUMNS.
VIII. WOOD FRAMING
A. GENERAL
1. STRUCTURAL SOLID WOOD BEAMS AND STUDS SHALL BE SOUTHERN PINE #2 SURFACED DRY AT A MAXIMUM OF 19% MOISTURE CONTENT.
2. ALL WOOD FRAMING SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION SPECIFICATION ATC 105 "RECOMMENDED PRACTICE FOR THE ERECTION OF STRUCTURAL TIMBER FRAMING, ATC 106," "CODE OF STANDARD PRACTICE," AND "THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION," AS PUBLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
3. ALL STEEL TIMBER FASTENINGS AND BEAM HANGERS SHALL BE A MINIMUM OF A 16 GA. GALVANIZED STEEL WITH A RATED LOAD CAPACITY EQUAL TO OR EXCEEDING THE IMPOSED LOADING REQUIREMENTS.
4. ALL WOOD PLATES BEARING ON MASONRY WALLS OR CONCRETE SHALL BE PRESERVATIVE TREATED.
5. INSTALL BRACE AND ANCHOR LVL BEAMS IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.
B. WOOD WALLS
1. ALL PERIMETER STUD BEARING WALLS AND INTERIOR BEARING WALLS SHALL BE 2X6 @ 16" OC UNLESS NOTED OTHERWISE.
2. PROVIDE DOUBLE STUDS AT ALL CORNERS, SIDES OF ALL OPENINGS, WINDOWS AND DOORS, AND BENEATH ALL WOOD BEAMS AND LINTELS UNLESS NOTED OTHERWISE ON PLANS.
C. WOOD DECKING
1. ALL WOOD DECKING SHALL CONFORM TO THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION STANDARD ATC 118.
2. ALL WOOD DECKING SHALL BE TONGUE AND GROOVE, KILN DRIED DOUGLAS FIR OR SOUTHERN PINE HAVING A MAXIMUM MOISTURE CONTENT OF 15%.
3. FASTEN WOOD DECKING TO FRAMING MEMBERS IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



TYPICAL PIPE THRU FOOTING



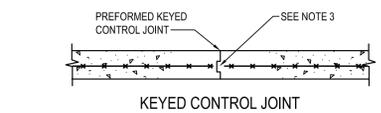
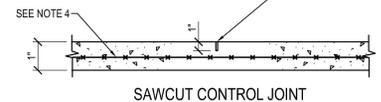
TYPICAL PIPE UNDER FOOTING



TYPICAL STEPPED FOOTING



SAWCUT JOINT AS SOON AS SURFACE IS FIRM ENOUGH SO THAT IT WILL NOT BE TORN OR DAMAGED BY BLADE (APPROX. 4-12 HOURS AFTER CONCRETE HARDENS)



- NOTES:
1. PROVIDE KEYED OR SAWCUT CONTROL JOINTS IN SLABS ON GRADE WHERE NOTED THUS (C.J.) ON THE PLAN.
2. KEYED CONTROL JOINTS MUST BE USED BETWEEN ADJACENT POURS.
3. AT KEYED CONTROL JOINTS, STOP W.W.F. EACH SIDE OF JOINT.
4. AT SAWCUT CONTROL JOINTS, CUT ALTERNATE WIRES CROSSING THE JOINT.

TYP. SLAB ON GRADE CONTROL JOINT



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MEP
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Tel: (410) 225-0227 Fax: (410) 225-0246
Email: johnson@jce.com

TRUE NORTH PLAN NORTH

50% SUBMISSION table with columns for date and status.

SEAL
PROFESSIONAL CERTIFICATION:
I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland, license number 17630, expiration date 12/16/2021.

COLLEGE PARK DESIGN-BUILD COMMUNITY SPACE
3545 MARLBOROUGH WAY
COLLEGE PARK, MD 20740

GENERAL NOTES AND TYPICAL DETAILS

DRAWING NO. S3-1
SCALE: AS NOTED
CP JOB NO.: CP-19-05
SPA JOB NO.: 19-022
DATE: 08/28/2020
DESIGNED BY: G.L.H.
DRAWN BY: D.E.F.
CHECKED BY: P.S.H.
APPROVED BY: G.L.H.

PROGRESS SUBMISSION NOT FOR CONSTRUCTION

50% SUBMISSION
1 6/19/2020
SEAL

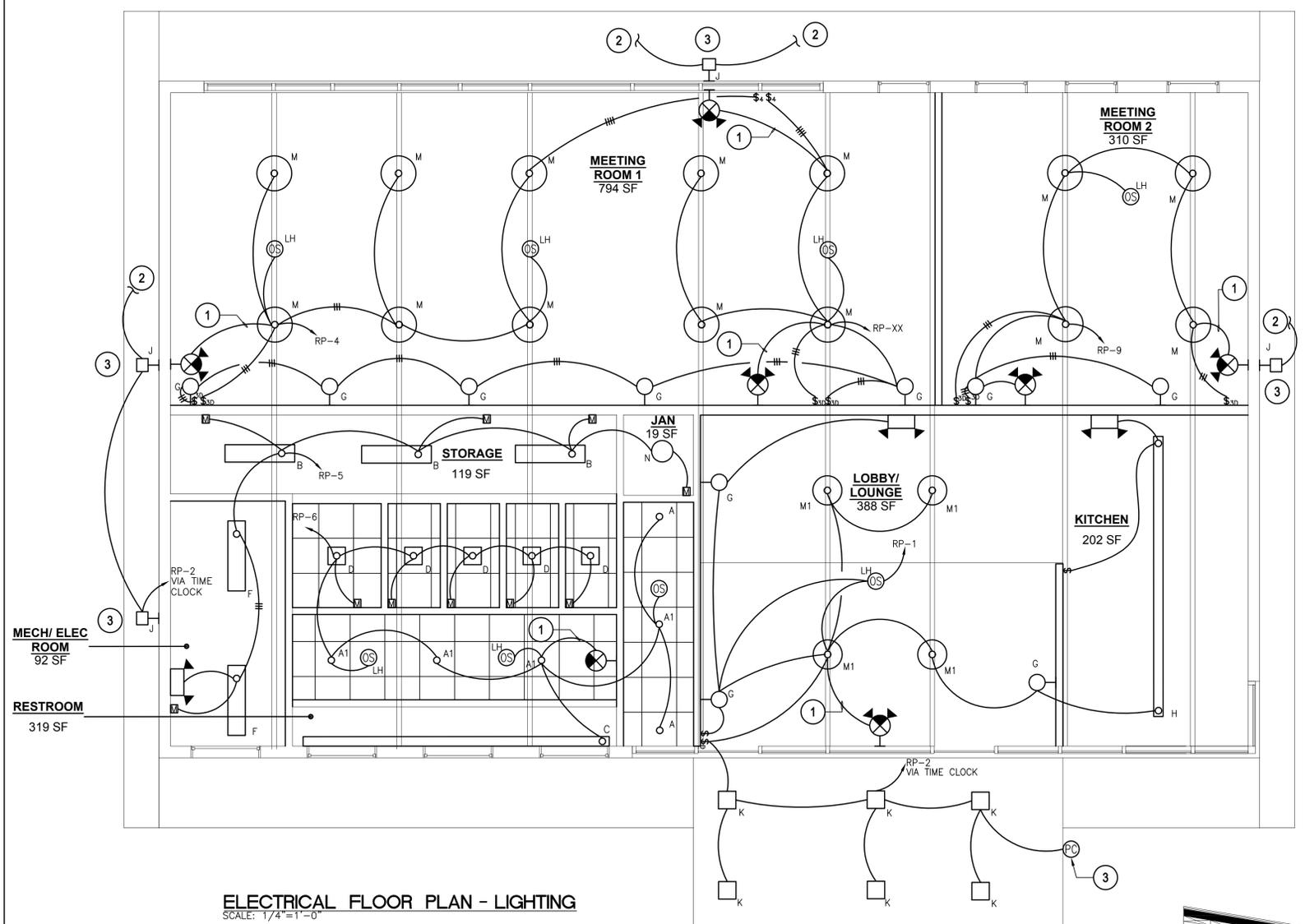
PROFESSIONAL CERTIFICATION
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 16001, Expiration Date: 8/1/20

COLLEGE PARK DESIGN-BUILD COMMUNITY SPACE
 3545 MARLBOROUGH WAY
 COLLEGE PARK, MD 20740

DRAWING NO. **E2-1**
 SCALE: AS NOTED
 CP JOB NO.: CP-19-05
 SPA JOB NO.: 19-022
 DATE: 08/26/2020
 DESIGNED BY: WQJ
 DRAWN BY: MDJ
 CHECKED BY: WQJ/MBW
 APPROVED BY: MBW

TYPE	DESCRIPTION	LUMENS	MOUNTING	CATALOG	WATTAGE	VOLT.
A	6" RECESSED LED DOWNLIGHT FIXTURE WITH MATTE WHITE TRIM, SPECULAR CLEAR REFLECTOR AND DIMMING DRIVERS.	1800 LUMENS	RECESSED	LITHONIA LIGHTING EV041/186ARFLMD120	18.5W	120V
A1	SAME AS FIXTURE TYPE 'A' EXCEPT WITH SELF-CONTAINED EMERGENCY BATTERY BACK UP.	1800 LUMENS	RECESSED	LITHONIA LIGHTING EV041/186ARFLMD120	18.5W	120V
B	4' SURFACE MOUNTED LED FIXTURE WITH WHITE STEEL HOUSING, FROSTED WHITE LENS AND DIMMING BALLAST.	3251 LUMENS	SURFACE	LITHONIA LIGHTING WL4 30L EZ1 LP840	28W	120V
C	WALL MOUNTED LINEAR LED FIXTURE.	2965 LUMENS	WALL	BROWNLEE LIGHTING 1575S 46 NT H32 35K 109832BN	32W	120V
D	RECESSED COMBINATION EXHAUST FAN AND LIGHT KIT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.	---	RECESSED	---	75W	120V
E	UNIVERSAL MOUNTED EMERGENCY EXIT SIGN WITH RED LETTERS AND BATTERY BACKUP. DUAL EMERGENCY LIGHT HEADS.	LED	UNIVERSAL	LITHONIA LHQMSW3RERITS	5W	120V
F	4' SURFACE MOUNTED LED FIXTURE WITH WHITE STEEL HOUSING, FROSTED WHITE LENS AND DIMMING BALLAST.	3251 LUMENS	SURFACE	LITHONIA LIGHTING WL4 30L EZ1 LP840	28W	120V
G	WALL MOUNTED LED CYLINDER WITH 2" ULTRA SLIM DIFFUSER.	109LM/W	WALL	FLOW MINI LED MODEL#1260	---	120V
H	BRUSHED NICKEL FINISH WHITE END CAPS AND 0-10V DRIVE PENDANT HUNG LINEAR LED DIRECT/INDIRECT FIXTURE.	---	PENDANT	PEERLESS BR9LH1/20/80 SHHXFT R4SCTLP835C110	---	120V
J	WALL MOUNTED LED FIXTURE WITH IM PACK RESISTANCE, POLY CARBONATE LENS BROWN FINISH AND PHOTOCCELL CONTROL.	1017 LUMENS	WALL	LITHONIA LIGHTING TWS LED 1 50K PE	---	120V
K	RECESSED 6" LED SQUARE FIXTURE.	1400 LUMENS	RECESSED	GOHAM EVOSQ35/14/6/FL/LD/EL/NEPP	---	120V
L	PENDANT HUNG CEILING FAN AS SELECTED BY ARCHITECT.	---	PENDANT	SEE ARCHITECTS DRAWINGS.	---	120V
M	PENDANT HUNG 12" DIA X 12"H LED CYLINDER WITH MATTE WHITE ACRYLIC DIFFUSER, INTEGRAL SERGE PROTECTION, DOWN LIGHT WITH 90° BEAM, POWER CANOPY AND 0-10V DIMMING DRIVER.	1570LM / 3000LM/DN	PENDANT	SPI LIGHTING SP12056/L16W-PT46 3500K/28W-90°	28W	120V
M1	SIMILAR TO FIXTURE TYPE 'M' EXCEPT 8" DIA. DIFFUSER & DOWN LIGHT LUMENS.	1570LM / 1500LM/DN	PENDANT	SPI LIGHTING SP12056/L16W-PT46 3500K/14W-90°	14W	120V
N	WALL MOUNTED SELF CONTAINED EMERGENCY LIGHT UNIT.	---	WALL	LITHONIA LIGHTING ELM2LED H05D	3.6W	120V
N	SURFACE MOUNTED 7" ROUND LED FIXTURE WITH WHITE HOUSING.	650 LUMENS	CEILING	LITHONIA LIGHTING FMML7840WH	9W	120V

NOTES:
 1. CONTRACTOR SHALL PROVIDE THE REQUIRED MOUNTING KIT FOR PROPER INSTALLATION IN THE RESPECTIVE CEILING TYPES. FIELD COORDINATE MOUNT REQUIREMENTS FOR ALL LIGHT FIXTURES PRIOR TO PURCHASE AND ROUGH-IN.
 2. CONTRACTOR SHALL COORDINATE THE FINISH FOR ALL LIGHT FIXTURES WITH OWNER PRIOR TO PURCHASE.
 3. CONTRACTOR SHALL MAKE EVERY EFFORT TO REUSE EXISTING EXIT LIGHTS/EMERGENCY LIGHTS. NEW SELF CONTAINED BATTERY POWERED LIGHTS SHALL BE PROVIDED FOR FIXTURES NOT BEING REUSED. FIELD COORDINATE.



ELECTRICAL FLOOR PLAN - LIGHTING
 SCALE: 1/4"=1'-0"

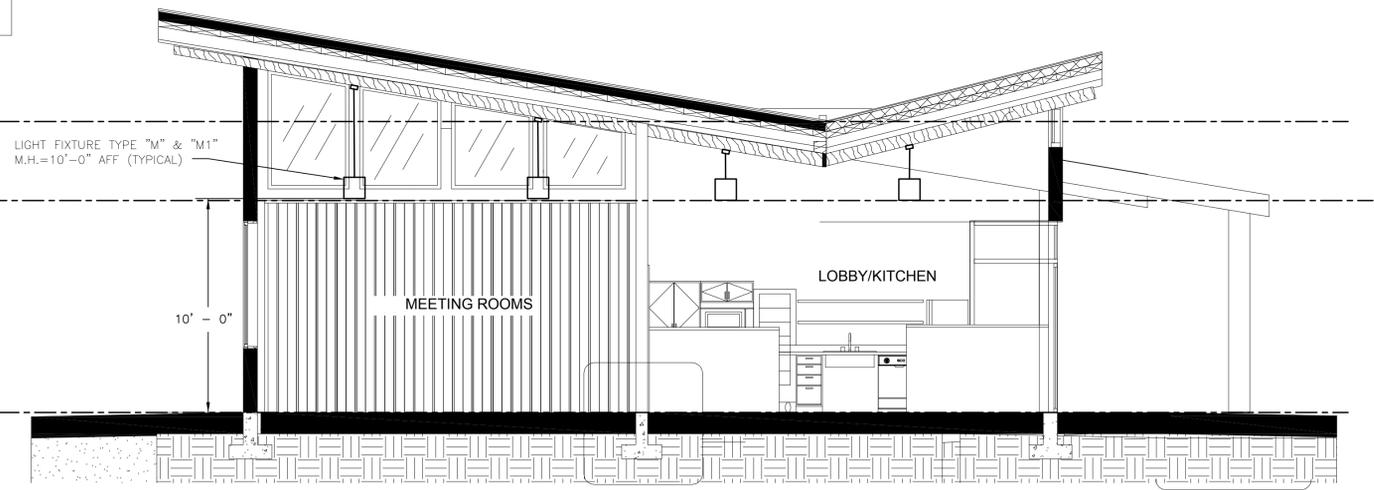
- DRAWING NOTES:**
- CONNECT ALL EXIT SIGNS AND EMERGENCY LIGHTING TO LOCAL LIGHTING CIRCUIT AHEAD OF LOCAL SWITCHING.
 - CONNECT TO EXTERIOR LIGHTS ON BUILDING.
 - PROVIDE PHOTOCCELL ON TOP OF ROOF AND CONNECT TO BUILDING LIGHTING CIRCUIT. EXTERIOR LIGHTS SHALL BE PHOTOCCELL ON AND TIME CLOCK OFF

- GENERAL NOTES:**
- ALL WIRING SHOWN ARE FOR GROUPING PURPOSES ONLY. CONTRACTOR SHALL FIELD COORDINATE NUMBER OF CONDUCTORS BASED ON ACTUAL CIRCUITRY.
 - CONTRACTOR SHALL FIELD COORDINATE AND PROVIDE ALL REQUIRED MOUNTING HARDWARE TO PROPERLY INSTALL ALL LIGHT FIXTURES.
 - ALL EMERGENCY LIGHTS AND EXIT SIGNS SHALL BE CONNECTED AHEAD OF LOCAL SWITCHING.

B.O. CLG. JOISTS
 L.P. HIGH ROOF
 13'-8"

B.O. CLG. JOISTS
 L.P. LOWER ROOF
 9'-11 1/2"

T.O. FINISH FLOOR
 0'-0"



BUILDING SECTION - LIGHTING ELEVATION
 SCALE: 1/4"=1'-0"

PERMIT REVIEW

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1 8/19/2020									

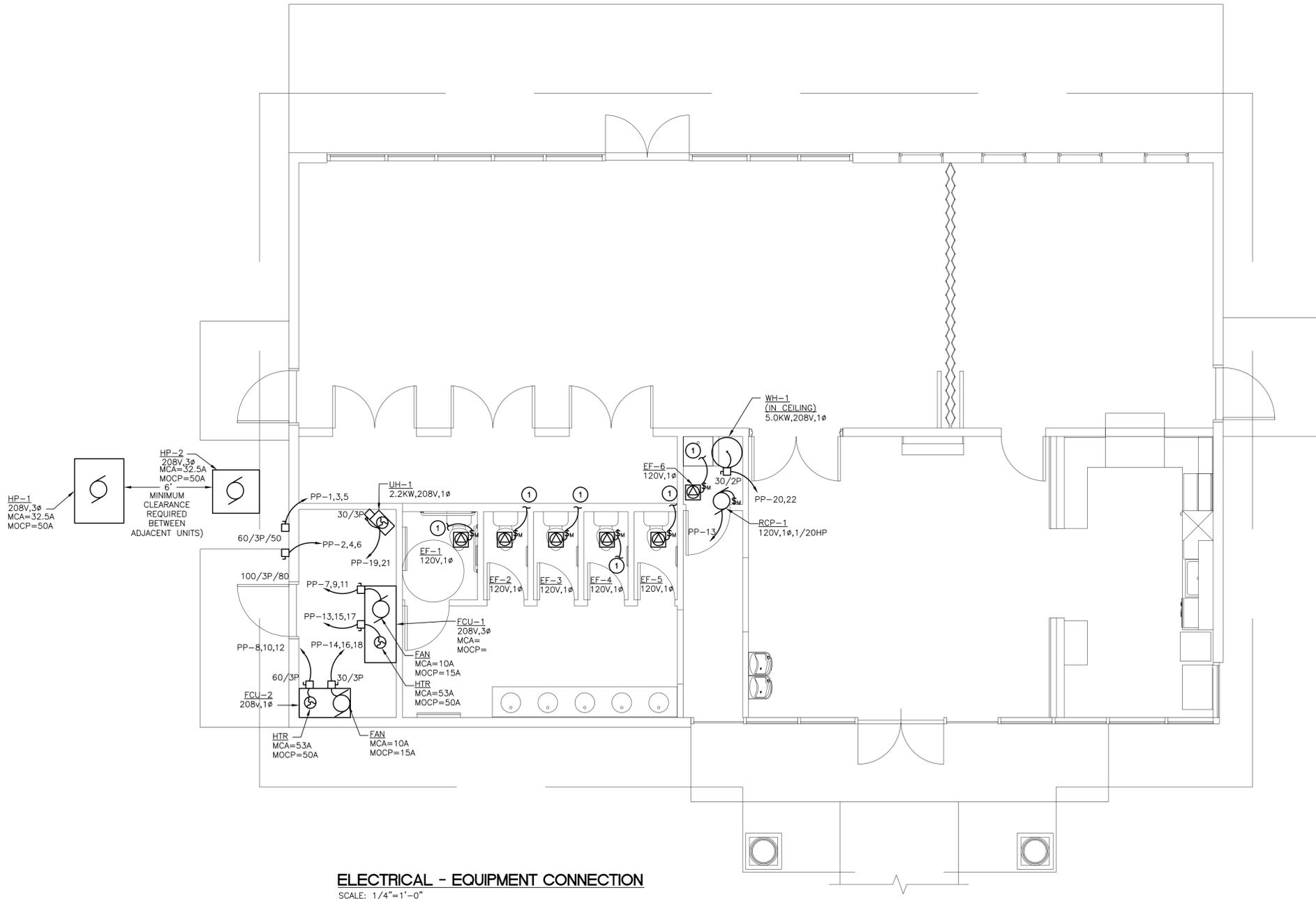
SEAL									
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 COLLEGE PARK, MD 20740

ELECTRICAL EQUIPMENT CONNECTIONS

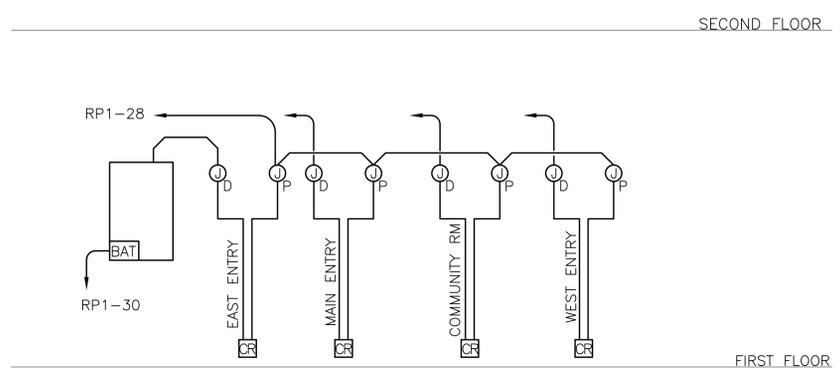
DRAWING NO.	E3-1
SCALE:	AS NOTED
CP JOB NO.:	CP-19-05
SPA JOB NO.:	19-022
DATE:	08/26/2020
DESIGNED BY:	WOJ
DRAWN BY:	MDJ
CHECKED BY:	WOJ/MBW
APPROVED BY:	MBW



ELECTRICAL - EQUIPMENT CONNECTION
 SCALE: 1/4"=1'-0"

DRAWING NOTES:
 ① CONNECT EXHAUST FAN WITH LIGHTS IN THIS AREA.

PERMIT REVIEW

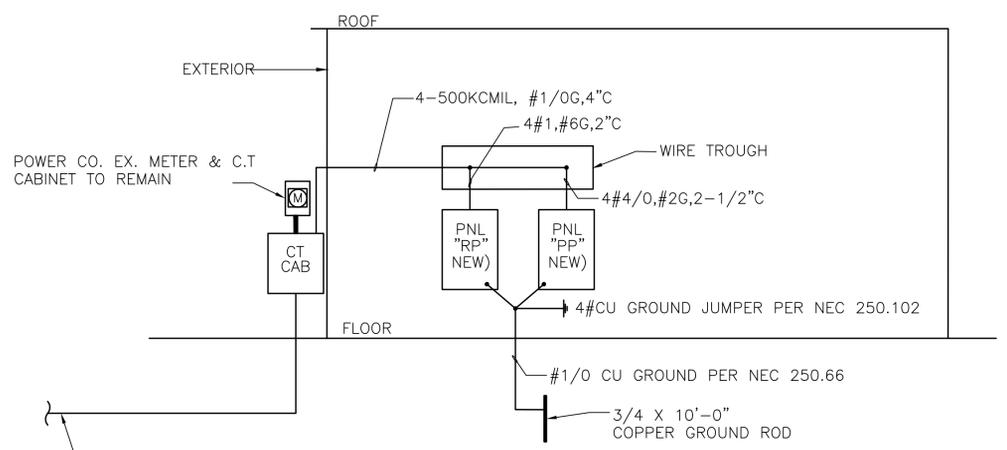


CARD ACCESS RISER DIAGRAM
SCALE: NONE

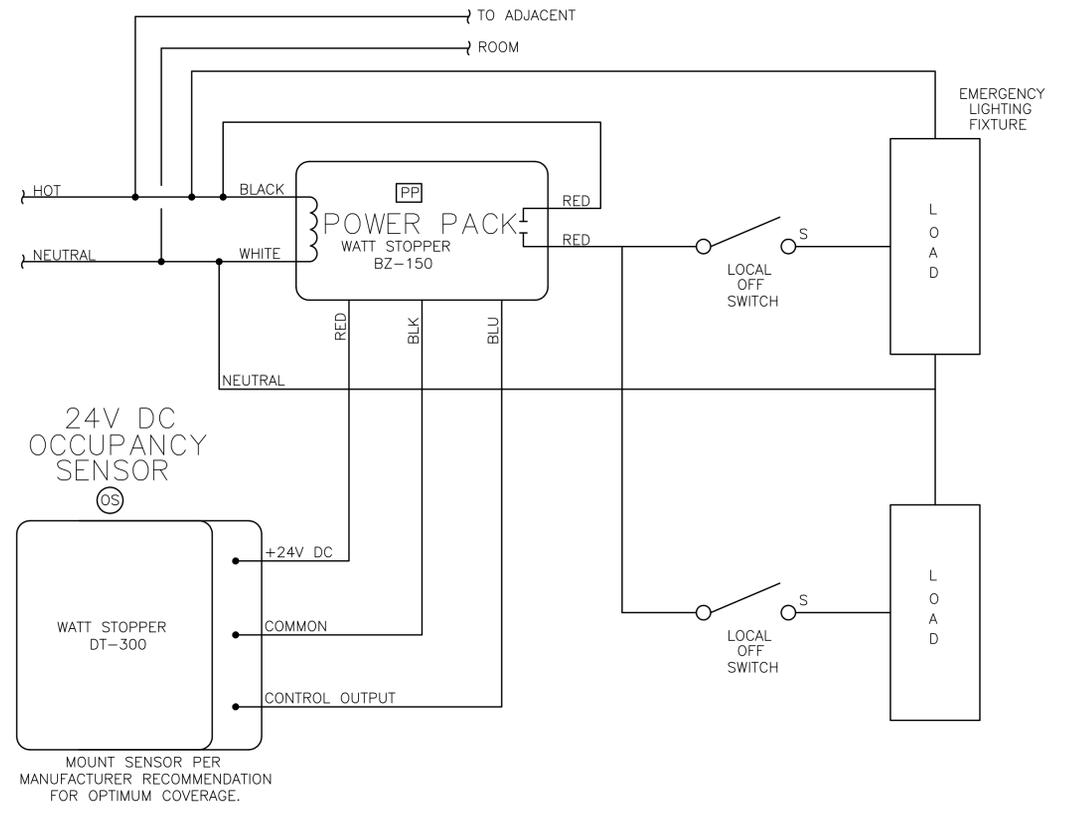
NOTE: FIELD COORDINATE ALL TERMINATION POINTS OF CARD READERS.

RISER NOTES:

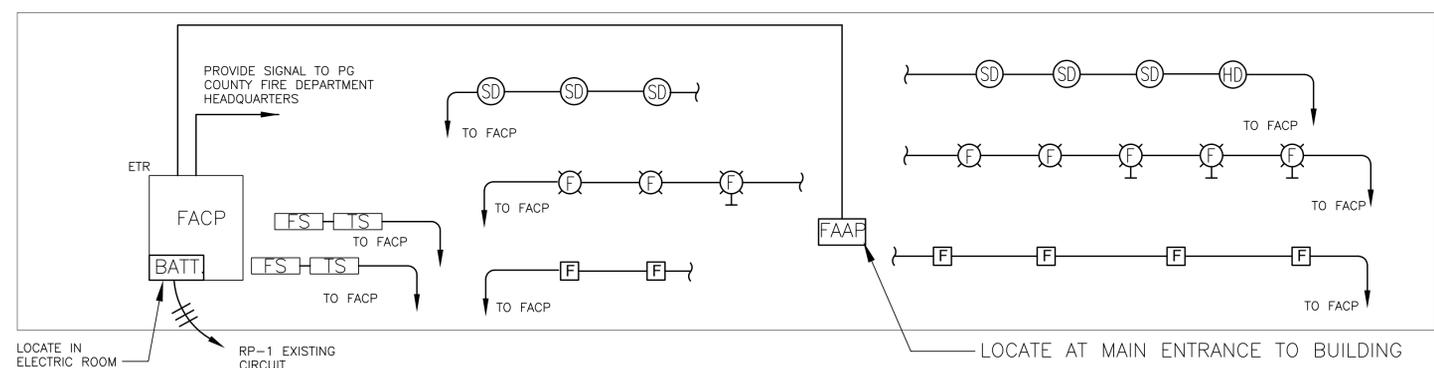
1. PROVIDE A NEW DOOR ACCESS SYSTEM COMPLETE WITH ALL NECESSARY EQUIPMENT AND CONNECTIONS FOR A COMPLETE FULLY FUNCTIONING SYSTEM.
2. CONTRACTOR SHALL FIELD COORDINATE THE LOCATION OF ALL EQUIPMENT PRIOR TO ROUGH-IN.



POWER RISER DIAGRAM - NEW WORK
SCALE: NONE



OCCUPANCY SENSOR WIRING DIAGRAM
SCALE: NONE



FIRE ALARM RISER DIAGRAM - NEW WORK
SCALE: NONE

GENERAL FIRE ALARM NOTES:

1. REFER TO DWGS. FOR LOCATION, QUANTITIES AND CD RATINGS OF DEVICES. ALSO SEE NOTES BELOW.
2. CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS FOR ALL DUCT SMOKE DETECTOR LOCATIONS.
3. FIRE ALARM SYSTEM IS DIAGRAMMATIC IN DESIGN AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING ALL REQUIRED WIRING AND EQUIPMENT NECESSARY TO COMPLY WITH CURRENT LIFE SAFETY CODES WHETHER SHOWN ON THE PLANS OR NOT.
4. THE ACTUAL FIRE ALARM SYSTEM IS EXISTING TO REMAIN.

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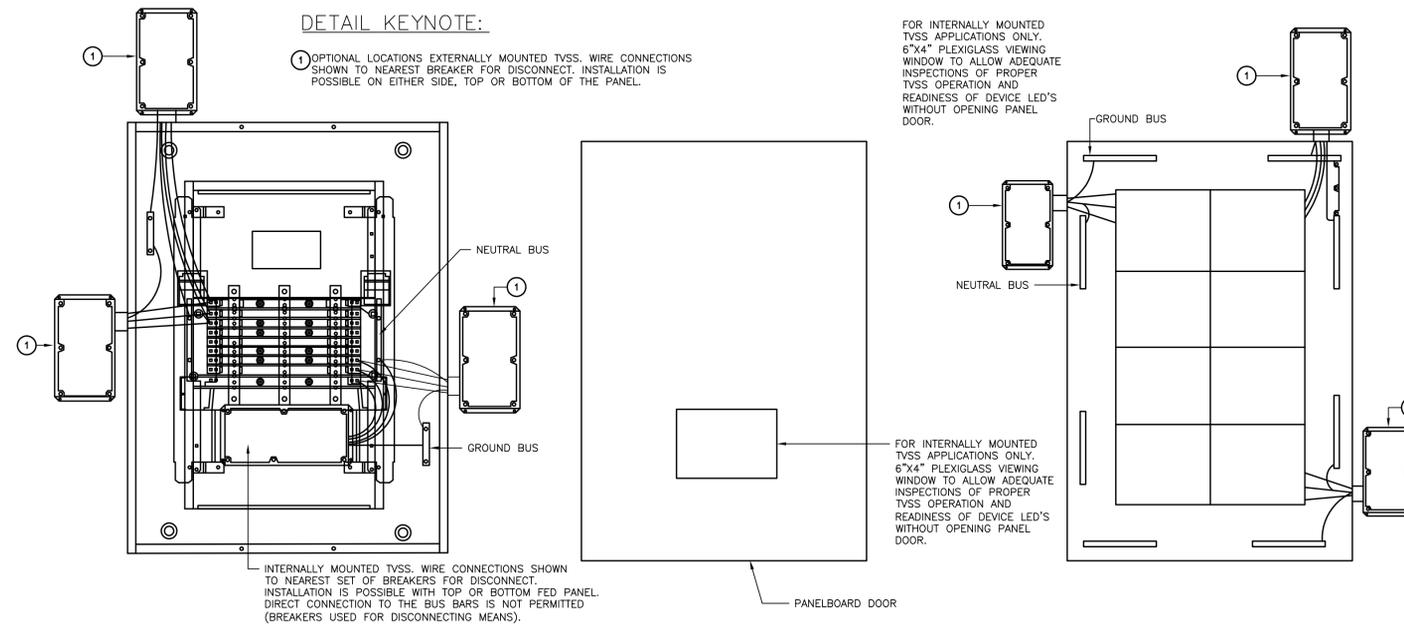
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ELECTRICAL RISER DIAGRAMS

DRAWING NO.
E4-1

SCALE: AS NOTED
 CP JOB NO.: CP-19-05
 SPA JOB NO.: 19-022
 DATE: 08/26/2020
 DESIGNED BY: WOJ
 DRAWN BY: MDJ
 CHECKED BY: WOJ/MBW
 APPROVED BY: MBW

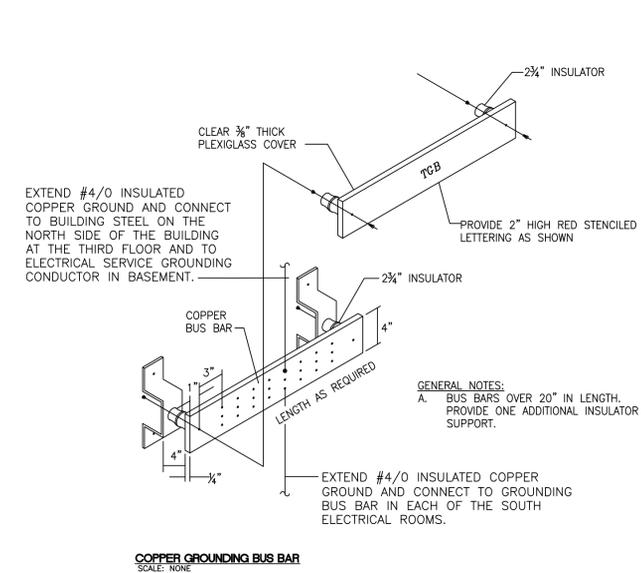
PERMIT REVIEW



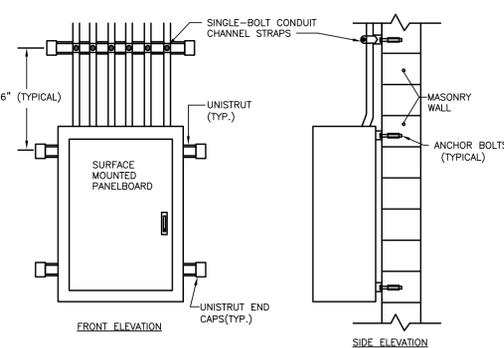
TVSS-PANELBOARD INSTALLATION DETAIL
 SCALE: NONE

GENERAL NOTES:

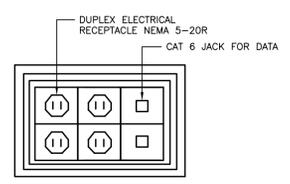
1. PROVIDE A MULTIPOLE, 30 AMP CIRCUIT BREAKER AS A DEDICATED DISCONNECT FOR SUPPRESSOR, IN PROPER COORDINATION WITH VOLTAGE CONFIGURATION OF PROTECTED EQUIPMENT.
2. INSTALL DEVICES FOR DISTRIBUTION PANELBOARDS, BRANCH PANELBOARDS AND ENCLOSED CIRCUIT BREAKERS WITH CONDUCTORS BETWEEN SUPPRESSOR AND POINTS OF ATTACHMENT AS SHORT AND STRAIGHT AS POSSIBLE. DO NOT EXCEED MANUFACTURER'S RECOMMENDED LEAD LENGTH. DO NOT BOND NEUTRAL AND GROUND.
3. THE LOCATION OF THE TVSS SHALL BE CHOSEN TO MINIMIZE THE LEAD LENGTHS BETWEEN THE TVSS AND THE CIRCUIT BREAKER TO WHICH IT IS CONNECTED. TVSS DEVICE LEADS WHICH ARE MOUNTED EXTERNAL TO THE PANEL (ENCLOSED CIRCUIT BREAKERS), MUST BE ROUTED WITHIN A METAL CONDUIT WHEN NECESSARY (RIGID NIPPLE IF POSSIBLE), AND KEPT AS SHORT AND STRAIGHT AS POSSIBLE. WIRE SIZE FOR LEAD SHALL BE AS SPECIFIED BY MANUFACTURER, MINIMUM SIZE #10 AWG, MAXIMUM SIZE #4 AWG.
4. SURGE PROTECTIVE DEVICES SHALL BE INSTALLED NEATLY. BIND THE PHASE, NEUTRAL, AND GROUND CONDUCTORS TIGHTLY, OVER THE ENTIRE RUN, FROM THE SUPPRESSOR TO THE PANEL (ENCLOSED CIRCUIT BREAKER), AND ALWAYS USE THE SHORTEST LENGTH OF CONNECTING CABLE POSSIBLE.
5. CONNECT SURGE PROTECTOR TO THE GROUNDING SYSTEM.
6. NEMA 4 RATED ENCLOSURE FOR INDOOR APPLICATIONS (WHERE FIRE SUPPRESSION SYSTEM MAY BE UTILIZED) AND NEMA 4X RATED ENCLOSURE FOR OUTDOOR APPLICATIONS.



COPPER GROUNDING BUS BAR
 SCALE: NONE



PANELBOARD MOUNTING DETAIL
 SCALE: NONE



TYPICAL COMPUTER STATION DETAIL
 SCALE: NONE

- NOTES:
1. CONTRACTOR SHALL PROVIDE SINGLE GANG BOX WALL MOUNTED FOR POWER/TV DEVICES AND A SINGLE GANG BOX FOR DATA DEVICES.
 2. CONTRACTOR SHALL PROVIDE RAPID RUN CABLING SYSTEM TYPE AT DEVICE SHOWN. COORDINATE WITH OWNER'S I.T. SYSTEM PERSONNEL PRIOR TO ROUGH-INS.
 3. COORDINATE SYSTEM TYPE WITH OWNER'S I.T. PERSONNEL. PRIOR TO ROUGH-INS.
 4. PROVIDE SEPARATE JUNCTION BOXES FOR POWER AND DATA.

VOLTAGE		120 / 208		PHASE, WIRE		3 PH, 4 W		PANEL PP		225 AMP MAIN CB		A.I.C. MOUNTED: 10k FLUSH		TOTAL DEMAND KVA (PER PHASE)		A: 20.8 B: 20.8 C: 18.5		DESIGN KVA: 62		DESIGN AMPS: 160		
KVA CODE	OKT	SERVING	P	TRIP	QTY	AWG	GRD	COND	KVA	PH	KVA	QTY	CONC	GRD	AWG	P	TRIP	SERVING	OKT	CODE		
AC	1	HP-2	3	50	3	6	10	3/4"	3.9	A	6.6	3	1 1/2"	8	3	3	60	HP-1	2	AC		
AC	3								5.9	B	6.6								4	AC		
AC	5								5.9	C	6.6								8	AC		
F	7	FOU-1 (FAN)	3						A	1.2	3	3/4"	14	14	3	15		FOU-2 (FAN)	8	F		
F	9								B	1.2									10	F		
F	11								C	1.2									12	F		
H	13	FOU-1 (HTR)	3						A	6.0	3	3/4"	8	6	3	60		FOU-2 (HTR)	14	H		
H	15								B	6.0									16	H		
H	17								C	6.0									18	H		
H	19	UH-1	2	20	2	12	12	3/4"	1.1	A	2.5	2	3/4"	10	10	2	30	WATER HEATER	20	WH		
H	21								1.1	B	2.5								22	WH		
P	23	RCP-1	1	15	2	14	14	3/4"	0.8	C								1	20	SPARE	24	
P	25	SPARE	1	20					A									1	20	SPARE	26	
P	27	SPARE	1	20					B									1	20	SPARE	28	
P	29	SPARE	1	20					C									1	20	SPARE	30	
P	31	SPARE	1	20					A									1	20	SPARE	32	
P	33	SPARE	1	20					B									1	20	SPARE	34	
P	35	BUSSED SPACE							C										1	20	SPARE	36
P	37	BUSSED SPACE							A	0.5	3	3/4"	10	10	3	30				38	EQ	
P	39	BUSSED SPACE							B	0.5										40	EQ	
P	41	BUSSED SPACE							C	0.5										42	EQ	

NOTES:
 * PROVIDE HANDLE LOCK-ON CB COVER.

VOLTAGE		120 / 208		PHASE, WIRE		3 PH, 4 W		PANEL RP		125 AMP MAIN CB		A.I.C. MOUNTED: 10k FLUSH		TOTAL DEMAND KVA (PER PHASE)		A: 8.1 B: 6.5 C: 6.4		DESIGN KVA: 24		DESIGN AMPS: 74	
KVA CODE	OKT	SERVING	P	TRIP	QTY	AWG	GRD	COND	KVA	PH	KVA	QTY	CONC	GRD	AWG	P	TRIP	SERVING	OKT	CODE	
L	1	LIGHTS LOBBY / KITCHEN	1	20	2	12	12	3/4"	0.6	A	0.7	2	3/4"	12	12	1	20	LIGHTING BUILDINGS	2	L	
F	3	FAN SMALL MEETING RM	1	20	2	12	12	3/4"	1.2	B	1.1	2	3/4"	12	12	1	20	LTS LARGE MEETING RM	4	L	
L	5	LIGHTING STORAGE	1	20	2	12	12	3/4"	0.5	C	1.0	2	3/4"	12	12	1	20	LIGHTING RESTROOM	6	F	
F	7	FAN LARGE MEETING RM	1	20	2	12	12	3/4"	1.2	A	1.2	2	3/4"	12	12	1	20	FAN LARGE MEETING RM	8	L	
L	9	LTS SMALL MEETING RM	1	20	2	12	12	3/4"	0.4	B	0.5	2	3/4"	12	12	1	20	FACP	10	EQ	
R	11	RECEPT LARGE MTG RM	1	20	2	12	12	3/4"	0.4	C	0.4	2	3/4"	12	12	1	20	RECEPT LARGE MTG RM	12	R	
R	13	RECEPT LARGE MTG RM	1	20	2	12	12	3/4"	0.4	A	0.6	2	3/4"	12	12	1	20	RECEPT LARGE MTG RM	14	R	
R	15	RECEPT SMALL MTG RM	1	20	2	12	12	3/4"	0.4	B	0.4	2	3/4"	12	12	1	20	RECEPT SMALL MTG RM	16	R	
R	17	RECEPT LOBBY	1	20	2	12	12	3/4"	0.6	C	0.5	2	3/4"	12	12	1	20	RECEPT LOBBY	18	R	
R	19	RECEPT TELEPHONE	1	20	2	12	12	3/4"	0.4	A	0.6	2	3/4"	12	12	1	20	RECEPT TOILET RM	20	R	
R	21	RECEPT TEL PHONE	1	20	2	12	12	3/4"	0.4	B	1.2	2	3/4"	12	12	1	20	WATER COOLER	22	EQ	
R	23	RECEPT KITCHEN	1	20	2	12	12	3/4"	0.6	C	0.5	2	3/4"	12	12	1	20	RECEPT LOBBY	24	R	
R	25	RECEPT KITCHEN	1	20	2	12	12	3/4"	0.6	A	0.6	2	3/4"	12	12	1	20	RECEPT KITCHEN	26	R	
R	27	RECEPT KITCHEN	1	20	2	12	12	3/4"	0.6	B	0.2	2	3/4"	12	12	1	20	RECEPT OUTSIDE	28	R	
R	29	RECEPT TOILET RM	1	20	2	12	12	3/4"	0.6	C	0.4	2	3/4"	12	12	1	20	CARD ACCESS	30	EQ	
R	31	SPARE	1	20					A	0.4	2	3/4"	12	12	1	20			32	EQ	
R	33	SPARE	1	20					B										34	EQ	
R	35	BUSSED SPACE							C										36	EQ	
R	37	BUSSED SPACE							A	0.5	3	3/4"	10	10	3	30			38	EQ	
R	39	BUSSED SPACE							B	0.5									40	EQ	
R	41	BUSSED SPACE							C	0.5									42	EQ	

NOTES:
 * PROVIDE HANDLE LOCK-ON CB COVER.



50% SUBMISSION

6/19/2020

1

SEAL

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 16001, Expiration Date: 8/1/20

COLLEGE PARK DESIGN-BUILD COMMUNITY SPACE

3545 MARLBOROUGH WAY
 COLLEGE PARK, MD 20740

GROUND FLOOR-
 HVAC

DRAWING NO.

M2-1

SCALE: AS NOTED

CP JOB NO.: CP-19-05

SPA JOB NO.: 19-022

DATE: 08/26/2020

DESIGNED BY: TM

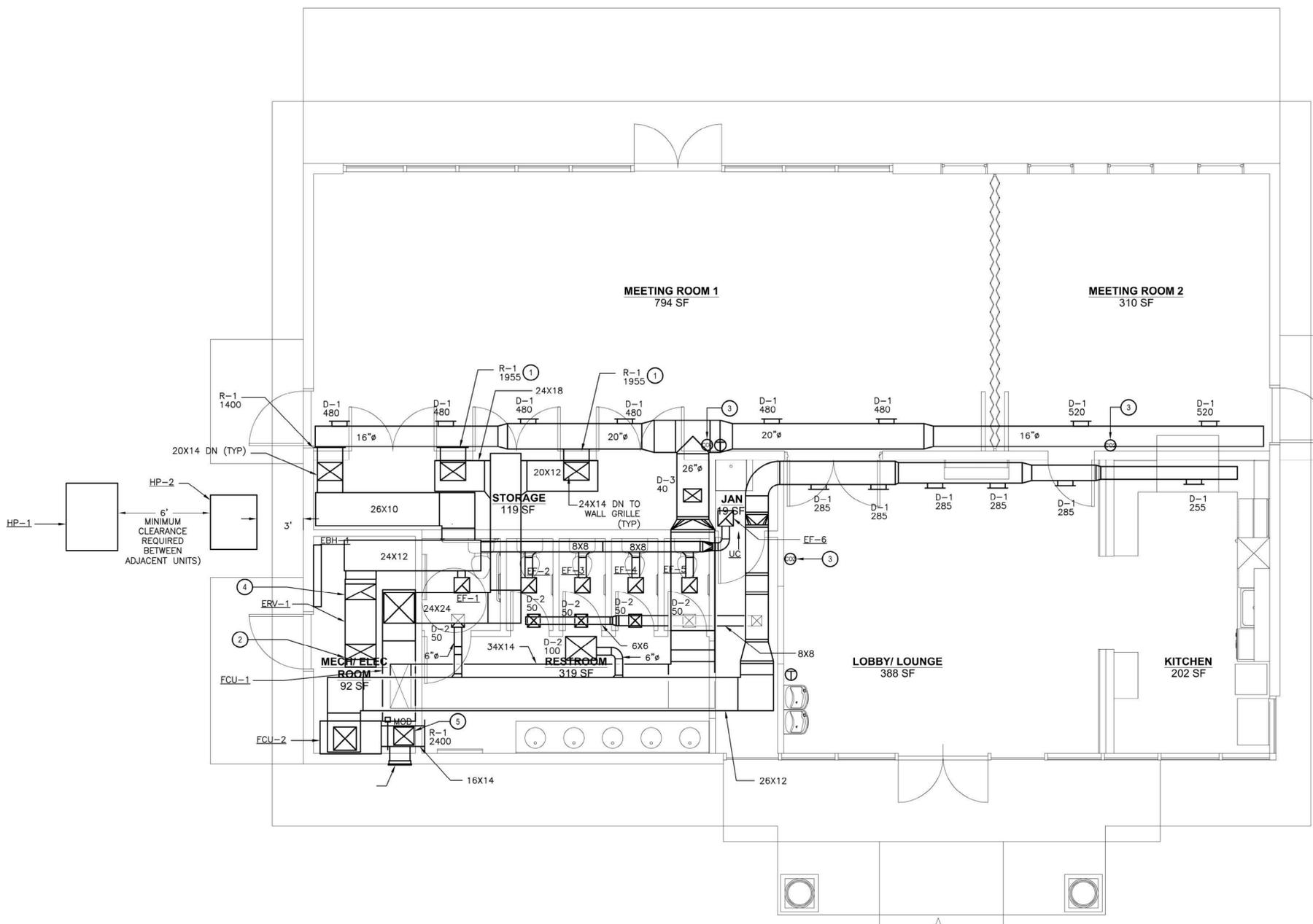
DRAWN BY: TM

CHECKED BY: TM

APPROVED BY: MW

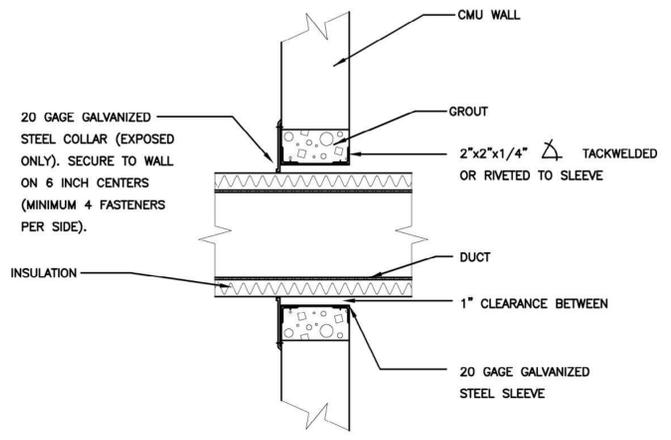
NEW WORK DRAWING NOTES:

- ① RETURN GRILLE INSTALLED LOW ON WALL.
- ② 24X12 OA DUCT UP TO ROOF CAP.
- ③ WALL MOUNTED CO2 SENSOR. WHEN THE SPACE CO2 SENSOR READS ABOVE THE MAXIMUM PPM SETTING THE MOTORIZED DAMPER INSTALLED ON THE OUTSIDE AIR DUCT SHALL OPEN UP.
- ④ 24X12 EA DUCT UP TO ROOF CAP.
- ⑤ 16X14 DUCT UP THROUGH ROOF TO GOOSENECK FITTING. MOTORIZED DAMPER SHALL BE INSTALLED ON VERTICAL DUCTWORK GOING UP THROUGH ROOF TO OPEN DURING THE ECONOMIZER MODE.

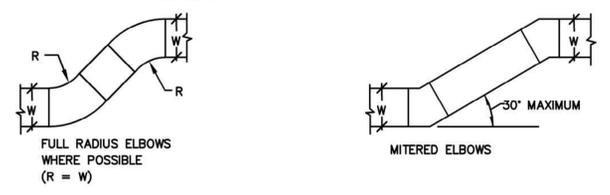


GROUND FLOOR PLAN -HVAC
 SCALE: 1/4"=1'-0"

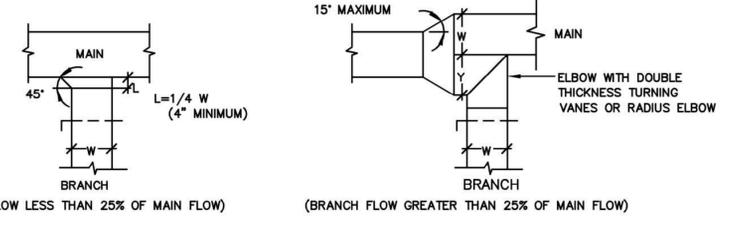
PERMIT REVIEW



TYPICAL DUCT PENETRATION THROUGH WALL
(NOT APPLICABLE TO FIRE-RATED WALLS)
NO SCALE



DUCT OFFSETS



BRANCH TAKE-OFFS

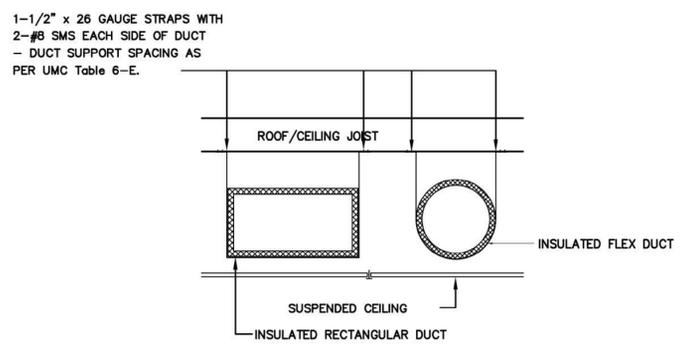


LOW VELOCITY ELBOWS

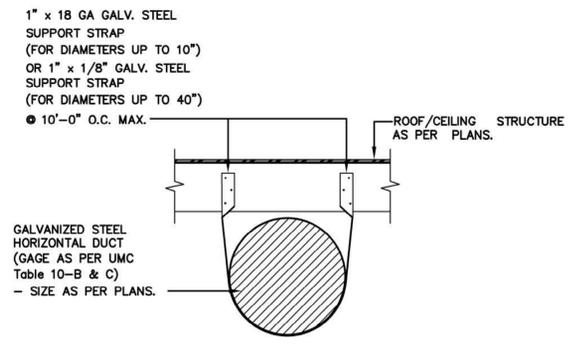


RECTANGULAR TO RECTANGULAR TRANSITIONS

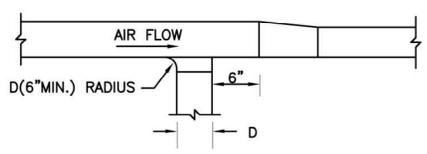
TYPICAL DETAILS – RECTANGULAR DUCT FITTINGS
NO SCALE



TYPICAL DUCT SUPPORT
NO SCALE

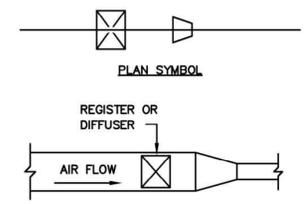


TYPICAL ROUND DUCT SUPPORT
NO SCALE

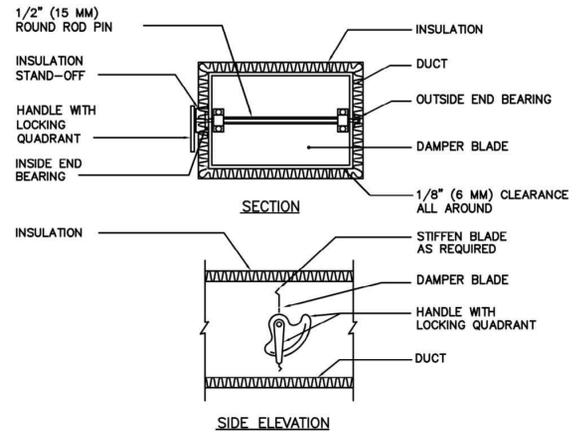


TYPICAL TAPOFF AND TRANSITION FROM SIDE OF DUCT

SEE SMACNA MANUAL FOR METHOD OF SECURING TAPOFF CONNECTION TO MAIN(SAME FOR EXHAUST DUCTS EXCEPT AIR FLOW IS REVERSED)

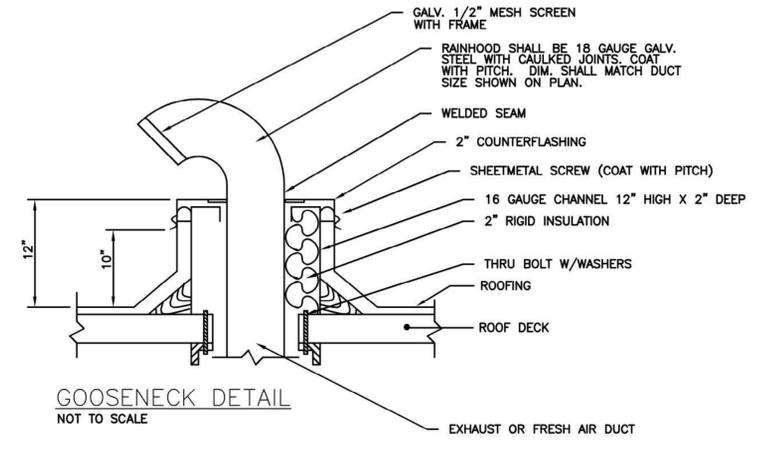


DIFFUSER OR REGISTER TAPOFF AND TRANSITION
(SAME FOR EXHAUST DUCT EXCEPT FLOW IS REVERSED)

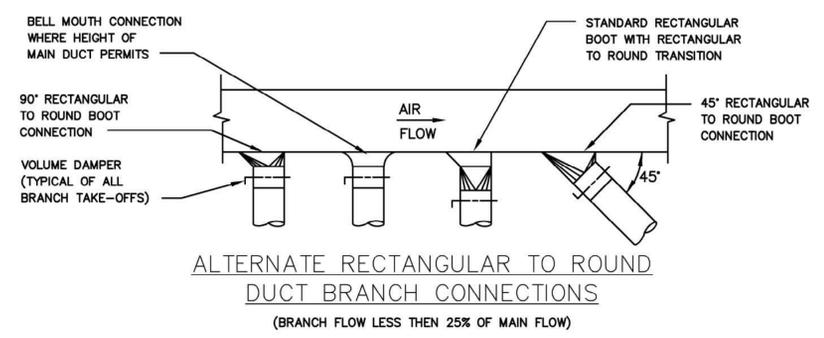


TYPICAL VOLUME DAMPER DETAIL
NOT TO SCALE

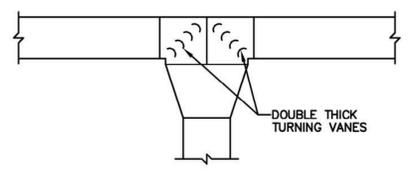
- NOTES:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.



GOOSENECK DETAIL
NOT TO SCALE



ALTERNATE RECTANGULAR TO ROUND DUCT BRANCH CONNECTIONS
(BRANCH FLOW LESS THEN 25% OF MAIN FLOW)



TYPICAL SPLITS
NO SCALE

50% SUBMISSION									
6/19/2020									
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