

RENOVATION OF FREDERICK DOUGLASS RECREATION CENTER

111 OLIVIA ST
KEY WEST, FLORIDA 33040

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members of



CONSULTANT:

CLIENT / PROJECT NAME:

CITY OF KEY WEST
RENOVATION TO

FREDERICK DOUGLASS
RECREATION CENTER

111 OLIVIA STREET
KEY WEST, FL 33040

BID SET



AREA MAP
NORTH



SITE MAP
NORTH

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:

COVER SHEET

REVISIONS:

DATE ISSUED: 03/28/2016
PROJECT NO.: 12.0D01

DRAWING NUMBER:

G-001

SHEET: 1 OF 68

ANDREW M. HAYES
AIA 016166

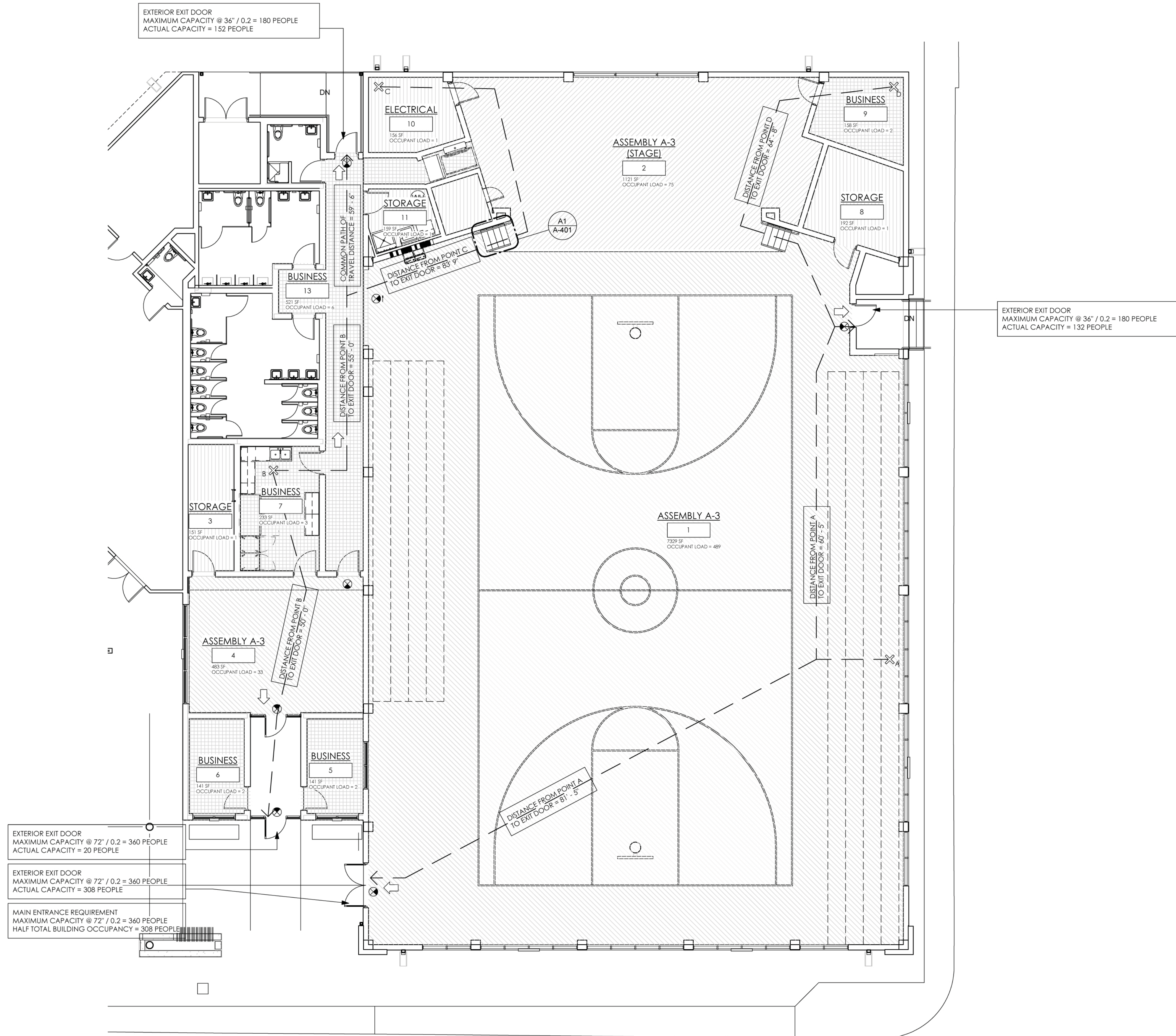


OCCUPANT LOAD BY CALCULATION

USE	AREA (SQ. FT.)	LOAD FACTOR (SQ. FT./PERSON) TABLE 1004.1.1	OCCUPANT LOAD
ASSEMBLY A-3	7812 SF	15	522
ASSEMBLY A-3 (STAGE)	1121 SF	15	75
BUSINESS	1194 SF	100	15
ELECTRICAL	156 SF	300	1
STORAGE	501 SF	300	3
	10783 SF		616

LIFE SAFETY SYMBOLS LEGEND

- SMOKE PARTITION TO DECK
 - ONE HOUR FIRE RESISTANCE RATED WALL
 - TWO HOUR FIRE RESISTANCE RATED WALL
 - MAX. TRAVEL DISTANCE TO REACH EXIT
 - DIRECTION OF TRAVEL
 - CEILING MOUNTED ILLUMINATED EXIT SIGN
 - CEILING MOUNTED ILLUMINATED EXIT SIGN, DOUBLE FACE
 - WALL MOUNTED ILLUMINATED EXIT SIGN
 - LOCATION OF MOST DISTANT OCCUPANT
 - MULTIPURPOSE DRY CHEMICAL EXTINGUISHER (20-B RATED)
 - MULTIPURPOSE DRY CHEMICAL EXTINGUISHER (2-A RATED) IN RECESSED CABINET
 - FIRE ALARM PULL STATION
 - SMOKE DETECTOR
 - HEAT DETECTOR
 - HORN WITH STROBE
 - FIRE DOOR & FRAME CLASSIFICATION IN HOURS
 - EMERGENCY LIGHT, BATTERY POWERED
 - COMBINATION EMERGENCY LIGHT AND EXIT SIGN
 - FIRE ALARM STROBE ONLY
 - FIRE ALARM CONTROL PANEL
 - FIRE DEPARTMENT CONNECTION
- NOTE: THIS LEGEND REPRESENTS TYPICAL ELEMENTS. NOT ALL SYMBOLS MAY BE USED IN THE LIFE SAFETY PLAN.



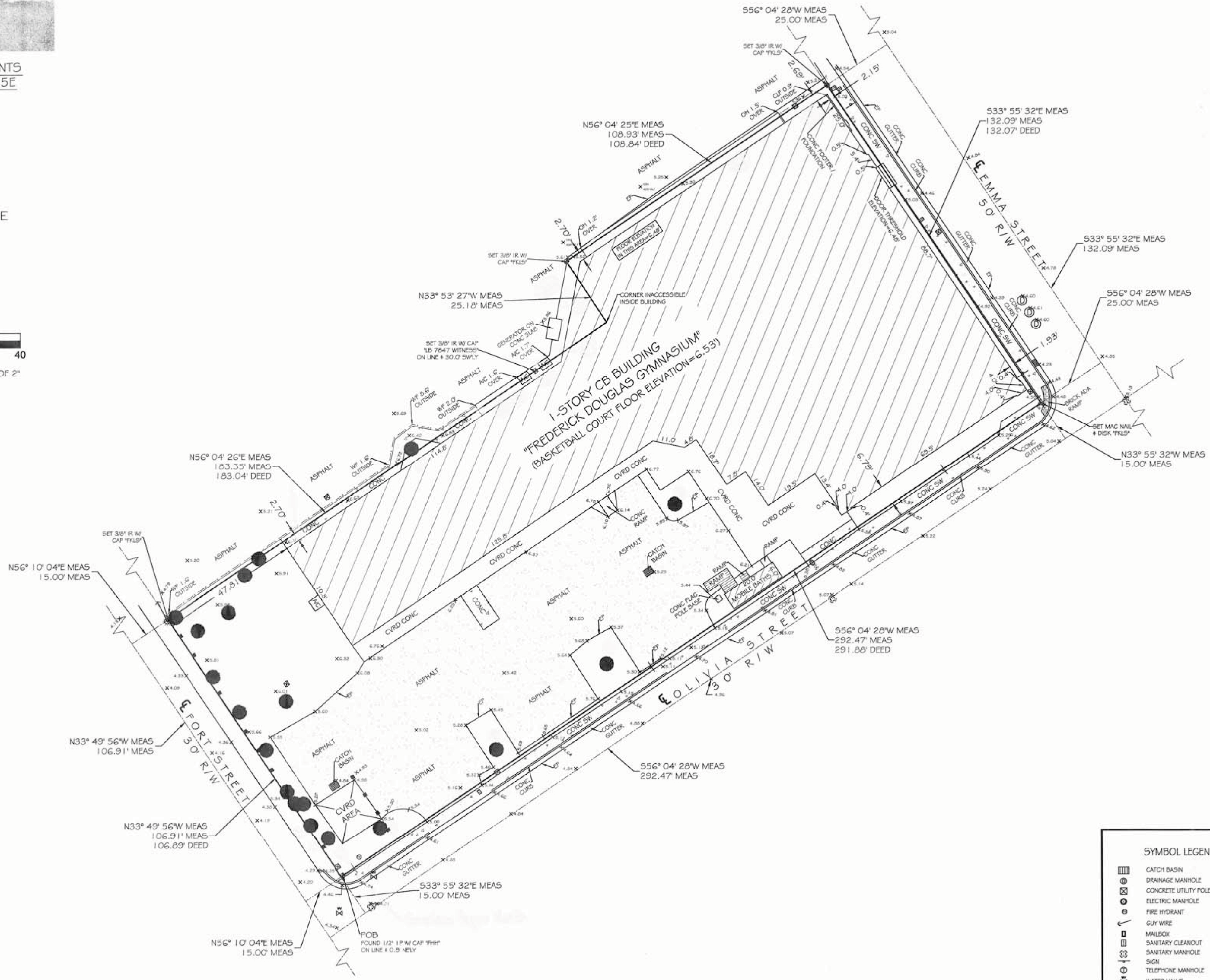
LIFE SAFETY PLAN - FIRST FLOOR
1/8" = 1'-0"

FOR INFORMATION ONLY

BOUNDARY & TOPOGRAPHIC SURVEY MAP OF FREDERICK DOUGLAS GYMNASIUM 111 OLIVIA STREET, KEY WEST, MONROE COUNTY, STATE OF FLORIDA



LOCATION MAP - NTS
SEC. 6-T685-R25E



TOTAL AREA = 34,001.17 SQFT ±
(0.78 ACRES ±)

LEGAL DESCRIPTION -

In the City of Key West, Monroe County, Florida, and being known as part of Lots Six (6), and Ten (10), Tract Three (3), according to Charles W. Tift's map, and being more particularly described as follows:
Begin at the intersection of the Northeastery right-of-way line of Fort Street and the Northwestery right-of-way line of Olivia Street; thence in a Northwestery direction along the said Northeastery right-of-way line of Fort Street for One Hundred Six and 89/100 (106.89) feet; thence at a right angle and in a Northeastery direction for One Hundred Eighty-three and 04/100 (183.04) feet; thence at a right angle and in a Northwestery direction for Twenty-five and 18/100 (25.18) feet; thence at a right angle and in a Northeastery direction along the said Southwestery right-of-way line of Emma Street for One Hundred Thirty-two and 07/100 (132.07) feet to the said Northwestery right-of-way line of Olivia Street; thence at a right angle and in a Southwestery direction along the said Northwestery right-of-way line of Olivia Street for Two Hundred Ninety-one and 88/100 (291.88) feet to the Point of Beginning.

SURVEYOR NOTES -

BEARINGS AND COORDINATES SHOWN HEREON ARE REFERENCED TO GRID NORTH, BASED ON THE 1990 ADJUSTMENT OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83/90), OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (TRANSVERSE MERCATOR PROJECTION), EAST ZONE.
COORDINATES WERE ESTABLISHED BY A REAL-TIME KINEMATIC (RTK) GPS CONTROL SURVEY WHICH IS CERTIFIED TO A 2 CENTIMETER LOCAL ACCURACY, RELATIVE TO THE NEAREST CONTROL POINT WITHIN THE NATIONAL GEODETIC SURVEY (NGS) GEODETIC CONTROL NETWORK.
A) METHOD: WIDE AREA CONTINUOUSLY OPERATING GPS REFERENCE STATION NETWORK.
B) EQUIPMENT USED: TRIMBLE R10 GNSS, SERIAL NUMBER 5249419679 (DUAL FREQUENCY RECEIVER).
C) PROCESSING SOFTWARE: TRIMBLE GEOMATICS OFFICE, VERSION 1.63.
D) HORIZONTAL TIES WERE MADE TO THE NATIONAL GEODETIC SURVEY CONTROL POINT WEST MARTELLO TOWER 2 (P.I.D. AA1146), HAVING A HAVING A DIFFERENTIAL OF N 0.02', E 0.12', FROM THE PUBLISHED VALUE OF: WEST MARTELLO TOWER 2 (P.I.D. AA1146) = N 78,401.68 E 394,906.10
ELEVATIONS SHOWN HEREON ARE IN FEET AND BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929).
BENCHMARK DESCRIPTION: NATIONAL GEODETIC SURVEY BENCHMARK '872 4580 TIDAL BASIC' (P.I.D. AA0008), ELEVATION = 14.32' (NGVD 1929).

NOTE: FOUNDATIONS BENEATH THE SURFACE ARE NOT SHOWN. MEASURED DIMENSIONS EQUAL PLATTED OR DESCRIBED DIMENSIONS UNLESS INDICATED OTHERWISE.
THE FOLLOWING IS A LIST OF ABBREVIATIONS THAT MAY BE FOUND ON THIS SHEET:

BP = BACKFLOW PREVENTER	GV = GUY WIRE	PO = POINT OF COMMENCEMENT
BS = BURN SOLE	IR = IRON PIPE	POC = POINT OF REVERSE CURVE
CB = CONCRETE BLOCK	IS = IRON SLEEVE	PR = PERMANENT REFERENCE
CD = CONCRETE DRAIN	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CE = CONCRETE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CF = CONCRETE FINISH	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CG = CONCRETE GROUT	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CH = CONCRETE HOLE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CI = CONCRETE INTERIOR	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CL = CONCRETE LUMEN	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CM = CONCRETE MOUNTING	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CN = CONCRETE NAIL	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CO = CONCRETE OUTLET	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CP = CONCRETE PILE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CQ = CONCRETE QUARRY	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CR = CONCRETE REINFORCEMENT	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CS = CONCRETE SURFACE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CT = CONCRETE TIE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CU = CONCRETE UTILITY	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CV = CONCRETE VALVE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CW = CONCRETE WALL	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CX = CONCRETE X	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CY = CONCRETE Y	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
CZ = CONCRETE Z	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DA = DRAINAGE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DB = DRAINAGE BASIN	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DC = DRAINAGE CHANNEL	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DD = DRAINAGE DRAIN	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DE = DRAINAGE ELEVATION	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DF = DRAINAGE FLOW	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DG = DRAINAGE GULLY	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DH = DRAINAGE HOLE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DI = DRAINAGE INLET	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DJ = DRAINAGE JUNCTION	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DK = DRAINAGE KICK	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DL = DRAINAGE LEG	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DM = DRAINAGE MAIN	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DN = DRAINAGE NAIL	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DO = DRAINAGE OUTLET	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DP = DRAINAGE POINT	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DQ = DRAINAGE QUANTITY	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DR = DRAINAGE RATE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DS = DRAINAGE SIGN	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DT = DRAINAGE TIE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DU = DRAINAGE UTILITY	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DV = DRAINAGE VALVE	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DW = DRAINAGE WALL	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DX = DRAINAGE X	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DY = DRAINAGE Y	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE
DZ = DRAINAGE Z	IS = IRON SLEEVE	RS = RIGHT OF WAY LINE

NOTE: LEGAL DESCRIPTIONS HAVE BEEN FURNISHED BY THE CLIENT OR HIGHER REPRESENTATIVE PUBLIC RECORDS HAVE NOT BEEN RESEARCHED BY THE SURVEYOR TO DETERMINE THE ACCURACY OF THESE DESCRIPTIONS NOR HAVE ADDITIONAL PROPERTIES BEEN RESEARCHED TO DETERMINE OVERLAPS OR VIOLATIONS. ADDITIONS OR DELETIONS TO SURVEY MAP OR REPORT BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY. THE BOLD LINE SHOWN HEREON REPRESENTS THE SURVEYOR'S OPINION OF THE DEED LINES. THE MEAN HIGH WATER LINE HAS NOT DETERMINED FOR THIS SURVEY; THE APPARENT MEAN HIGH WATER LINE IS SHOWN FOR REFERENCE ONLY.

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTERS 2014-17 & 53-17.05, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES AND COMPLIED WITH CHAPTER 177, PART 11, FLORIDA STATUTES.

NOT VALID WITHOUT THE SIGNATURE AND THE RASSED SEAL OF A FLORIDA SURVEYOR AND MAPPER.

SIGNED: _____
ERIC A. ISAACS, REG. #6763, PROFESSIONAL SURVEYOR AND MAPPER, L#87847

FLORIDA KEYS LAND SURVEYING
19960 OVERSEAS HIGHWAY
SUGARLOAF KEY, FL 33042
PHONE: (305) 394-3690
FAX: (305) 508-7373
EMAIL: FKL5email@gmail.com

BOUNDARY & TOPOGRAPHIC SURVEY MAP			
FREDERICK DOUGLAS GYMNASIUM KEY WEST, MONROE COUNTY, STATE OF FLORIDA			
DATE: 11/07/2014	SURVEY BY: EAI	PROJECT: CKW PO#93085	
ORDER:	DRAWN BY: MPB	H. SCALE: 1"=20'	
BOOK:	CHECKED BY:	SHEET 4 OF 68	

EXISTING TREE TABLE

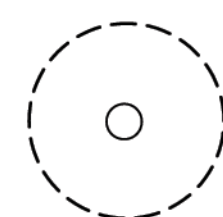
NUMBER	COMMON NAME	BOTANICAL NAME	DBH	RATING	REPLACEMENT	STATUS	PERMIT REQUIRED
1	UNKNOWN	CAESALPINNA SPECIES	3" & 4"	2	7.4"	R	Y
2	WILD TAMARIND	LYSILOMA LATISILIQUUM	11"	3	0	S	Y
3	WILD CINNAMON	CANELLA WINTERANA	11"	3	0	S	Y
4	GUMBO LIMBO	BURSERA SIMARUBA	20"	3	0	S	Y
4A	BRAZILIAN PEPPER	SCHINUS TEREBINTHIFOLIUS		3	0	R	N
5	THATCH PALM	THRINAX RADIATA		3	0	S	Y
6	BLACK OLIVE	BUCIDA BUCERAS	3" & 4"	3	0	S	N
7	SIMPSON STOPPER	MYRCIANTHES FRAGRANS	3"	2	0	S	Y
8	SPANISH STOPPER	EUGENIA FOETIDA	4"	2	0	S	Y
9	CABBAGE PALM PUP	SABAL PALMETTO		3	0	S	Y
9A	POTATO TREE	SOLANUM ERIANTHUM	3"	1	0	R	N
10	THATCH PALM	THRINAX RADIATA		3	0	S	Y
11	GUMBO LIMBO	BURSERA SIMARUBA	10"	3	0	S	Y
12	THATCH PALM	THRINAX RADIATA		3	0	S	Y
13	THATCH PALM	THRINAX RADIATA		3	0	S	Y
14	ROYAL POINCIANA	DELONIX REGIA	16"	3	0	S	Y
15	THATCH PALM	THRINAX RADIATA		3	0	S	Y
16	ROYAL POINCIANA	DELONIX REGIA	13"	3	0	S	Y
17	GUMBO LIMBO	BURSERA SIMARUBA	15"	3	0	S	Y
18	THATCH PALM	THRINAX RADIATA		3	0	S	Y
18A	BRAZILIAN PEPPER	SCHINUS TEREBINTHIFOLIUS		3	0	R	N
19	UNKNOWN	UNKNOWN	17"	3	0	S	N
20	CABBAGE PALM PUP	SABAL PALMETTO		3	0	R	N
21	BLACK OLIVE	BUCIDA BUCERAS		3	0	R	N
22	BLACK OLIVE	BUCIDA BUCERAS	8"	3	0	R	N
23	BLACK OLIVE	BUCIDA BUCERAS	7"	3	0	R	N
24	MAHOGANY	SWIETENIA MAHAGONI	1"	3	.6"	R	Y
25	BLACK OLIVE	BUCIDA BUCERAS	6"	3	0	R	N
25A	BLACK OLIVE CLUMP	BUCIDA BUCERAS		3	0	R	N
26	UNKNOWN CLUMP	UNKNOWN		3	0	R	N
27	FIREBUSH	HAMELIA NODOSA	3"	3	0	R	N
28	HIBISCUS	HIBISCUS ROSA-SINENSIS		3	0	R	N
28A	FIGUS	FIGUS SPECIES		3	0	R	N
TOTAL DEFICIT INCHES					8"		

CONDITION CHART

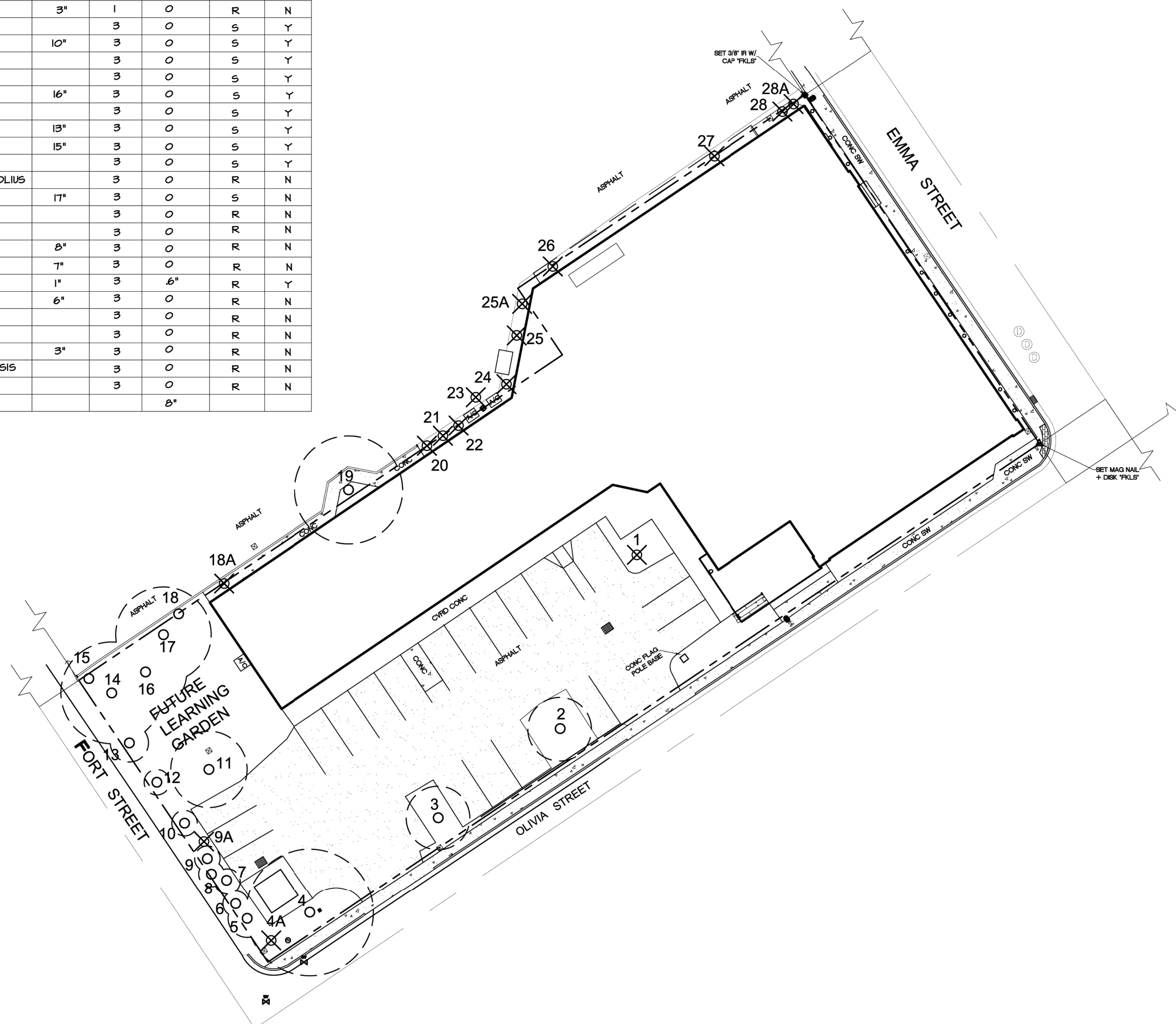
- 1 POOR
- 2 FAIR
- 3 GOOD
- 4 EXCELLENT

SYMBOL LEGEND

EXISTING TREE TO REMAIN



EXISTING TREE TO REMOVE



PLANT MATERIAL LIST

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS	SPACING
CR	3	CLUSIA ROSEA	PITCH APPLE	12" HT X 5" SPD, 3" GALIFER	AS SHOWN
AE	4	ARDISIA ESCALLONIODES	MARLBERRY	54" HT X 36" SPD, 15 GALLON	AS SHOWN
ZF	28	ZAMIA FLORIDANA	COONTIE	18" HT X 18" SPD, 3 GALLON	36" OC
CH	40	CHRYSOBALANUS ICACO	COCOPLUM	24" HT X 24" SPD, 3 GALLON	36" OC
HP	20	HAMELIA PATENS "COMPACTA"	DWARF FIREBUSH	24" HT X 24" SPD, 3 GALLON	36" OC
HL	28	HYMENOCALLIS LATIFOLIA	SPIDER LILY	12" HT X 12" SPD, 3 GALLON	AS SHOWN
PN	86	PSYCHOTRIA NERVOSA "LITTLE PSYCHO"	DWARF WILD COFFEE	18" HT X 18" SPD, 3 GALLON	36" OC
EL	135	ERNODEA LITTERALIS	GOLDEN CREEPER	8" HT X 8" SPD, 1 GALLON	24" OC
CI	65	CROSSOPETALUM ILICIFOLIUM	QUAIL BERRY	8" HT X 8" SPD, 1 GALLON	24" OC
GP	48	GAILLARDIA PULCHELLA	BLANKET FLOWER	8" HT X 8" SPD, 1 GALLON	24" OC
LM	5	LANTANA MONTEVIDENSIS	LAVENDER KEEPING LANTANA	4" HT X 12" SPD, 1 GALLON	AS SHOWN

LANDSCAPE INSTALLATION NOTES

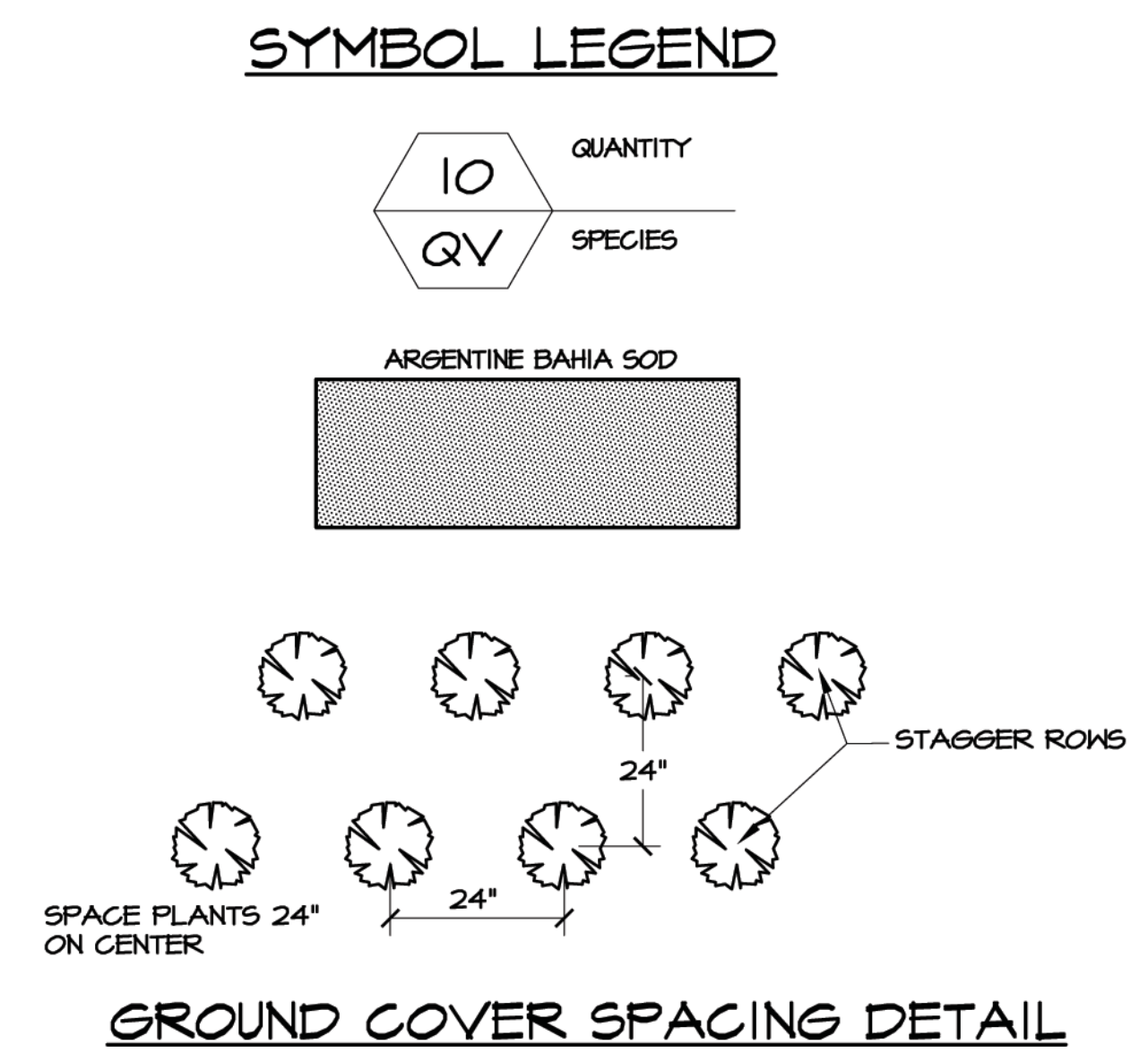
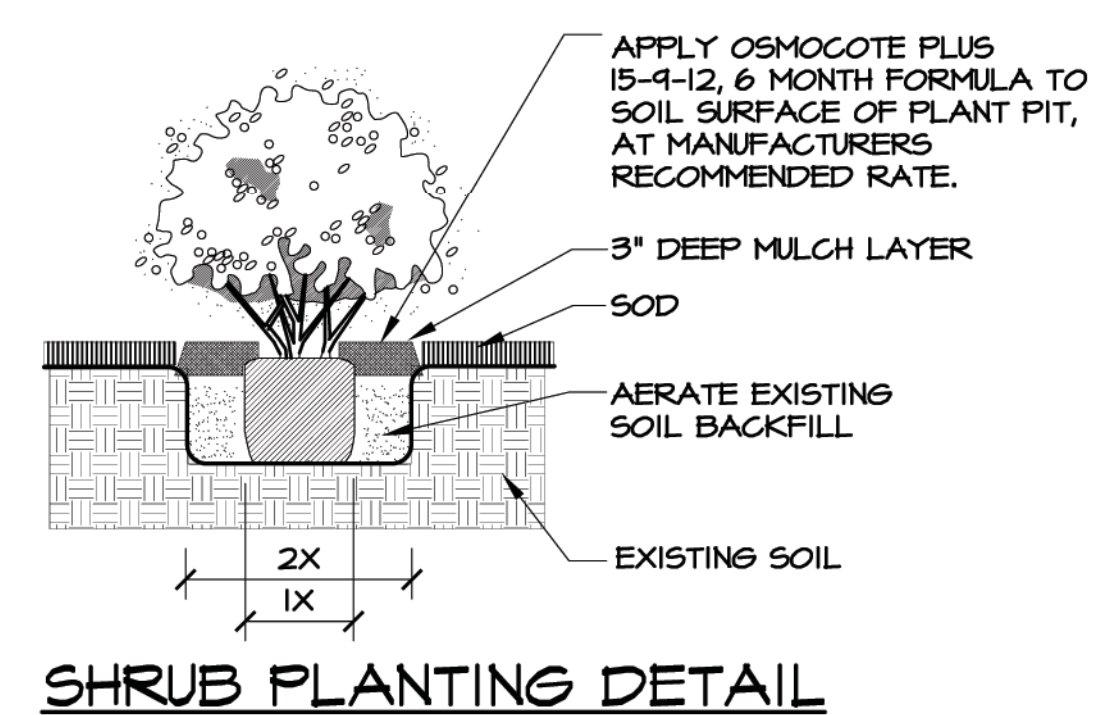
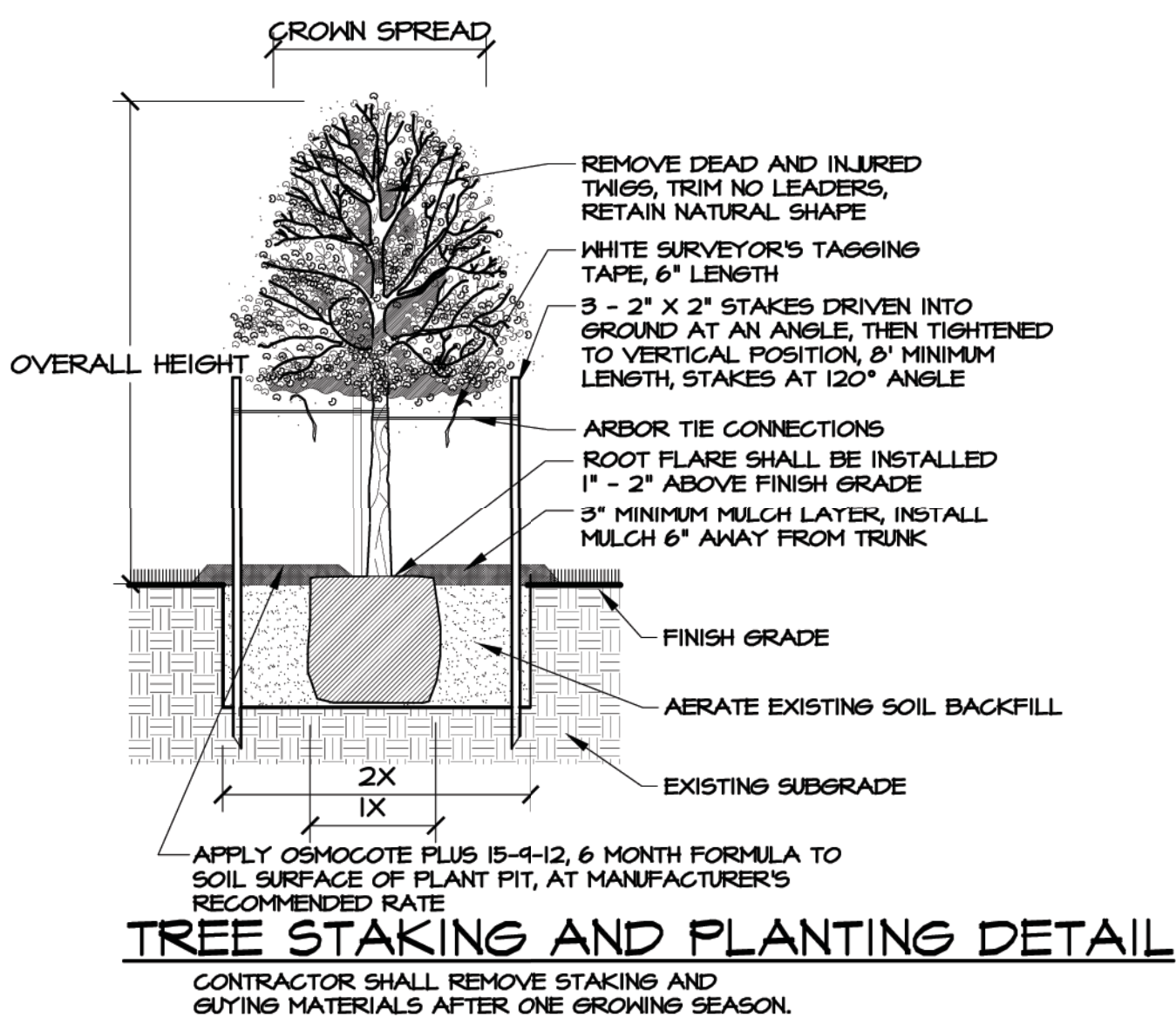
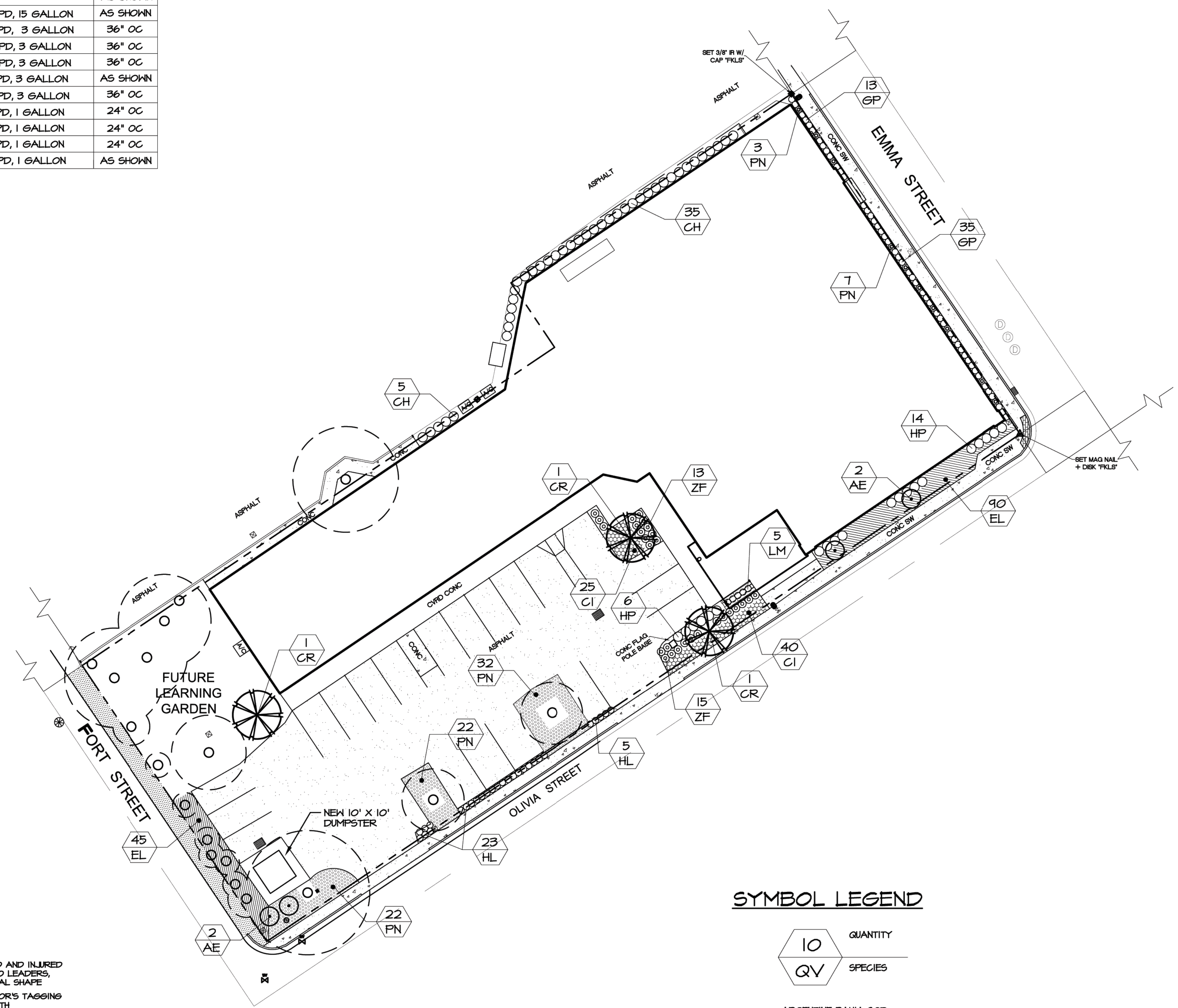
- 1) ALL PLANT MATERIALS SHALL BE FLORIDA #1 OR BETTER AS GIVEN IN, GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- 2) LOCATION OF PLANTS ON THE PLAN ARE DIAGRAMMATIC- SEE THE LANDSCAPE ARCHITECT FOR QUESTIONS ON EXACT LOCATIONS. THE PLANT MATERIALS LIST IS PROVIDED FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. SHOULD THERE BE ANY DISCREPANCY BETWEEN THE PLANT LIST AND THE PLAN, THE PLAN SHALL PREVAIL.
- 3) IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL PLANT BED AREAS HAVE PROPER DRAINAGE FOR OPTIMUM GROWTH OF LANDSCAPE MATERIAL BEFORE INSTALLATION BEGINS.
- 4) THE CONTRACTOR SHALL ENSURE THAT ALL PLANTING ISLANDS AND OTHER AREAS SHALL BE CLEAN OF TRASH, CONSTRUCTION DEBRIS, OR OTHER WASTE MATERIALS TO A DEPTH OF 24" PRIOR TO LANDSCAPE INSTALLATION.
- 5) ALL PLANT BEDS AND TREE RINGS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE AND THEN TOP-DRESSED WITH 3" DEEP PINE BARK NUGGETS. ALL NEW TREES SHALL HAVE A TREE RING WITH A MINIMUM OF 24" RADIUS, ALL NEW TREES AND PALMS SHALL BE STAKED. ALL EXISTING TREES TO REMAIN SHALL HAVE A 6' RADIUS MULCH RING AT A DEPTH OF 3".
- 6) NEW SOD SHALL BE ± 600 SQ. FT. OF ARGENTINE BAHIA SOD AS SHOWN ON THE PLAN. CONTRACTOR SHALL DETERMINE EXACT QUANTITIES IN THE FIELD. SOD AREAS SHALL BE MAINTAINED BY THE CONTRACTOR FROM THE TIME OF INSTALLATION TO THE TIME OF FINAL ACCEPTANCE.
- 7) TREES SHRUBS, AND GROUND COVER SHALL BE INSTALLED USING THE FOLLOWING PROCEDURE. PLANT PITS SHALL BE EXCAVATED TO TWICE THE DIAMETER OF THE PLANT ROOT BALL. AERATE EXISTING SOIL BEFORE BACKFILLING PIT.
- 8) TREE INSTALLATION: ALL REQUIRED TREES SHALL BE INSTALLED 1" - 2" ABOVE FINISH GRADE. TREES INSTALLED OR BURIED TOO DEEP SHALL BE RESET TO THIS STANDARD. REMOVE THE TOP 1/3 OF THE WIRE BASKETS ON ALL B & B STOCK.

ESTABLISHMENT PERIOD WATERING SCHEDULE

DURING LANDSCAPE INSTALLATION THE CONTRACTOR SHALL WATER-IN INSTALLED LANDSCAPE MATERIALS AND CONTINUE WATERING UNTIL SUBSTANTIAL COMPLETION. AT SUBSTANTIAL COMPLETION THE CONTRACTOR SHALL BEGIN THE FOLLOWING 90 DAY WATERING SCHEDULE. THE LANDSCAPE CONTRACTOR SHALL WATER ALL PLANT MATERIALS SHOWN ON THE LANDSCAPE PLANTING PLANS, FOR A THIRTEEN WEEK, NINETY DAY WATERING PERIOD BASED ON THE FOLLOWING PLANT ESTABLISHMENT PERIOD SCHEDULE.

15 GALLON CONTAINER PLANTS:	15 GALLONS WATER/EACH APPLICATION
7 GALLON CONTAINER PLANTS:	10 GALLONS WATER/EACH APPLICATION
3 GALLON CONTAINER PLANTS:	5 GALLONS WATER/EACH APPLICATION
1 GALLON CONTAINER PLANTS:	3 GALLONS WATER/EACH APPLICATION

1ST 4 WEEKS @ 3 APPLICATIONS PER WEEK =	12 EVENTS
2ND 4 WEEKS @ 2 APPLICATIONS PER WEEK =	8 EVENTS
3RD 5 WEEKS @ 1 APPLICATION PER WEEK =	5 EVENTS
TOTAL NUMBER OF APPLICATIONS =	25 EVENTS



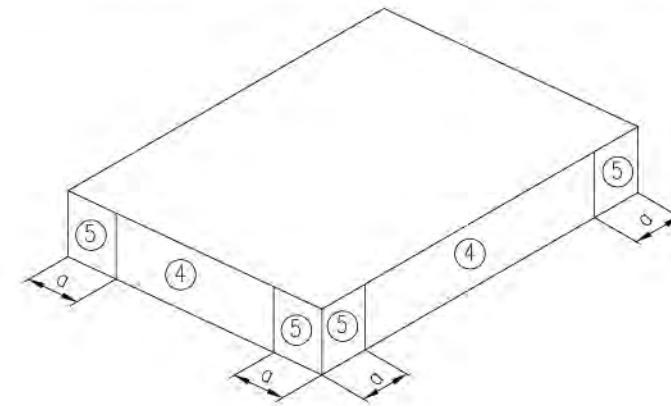
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STRUCTURAL SPECIFICATIONS (CONTINUED)
FIRE RETARDANT PLYWOOD (CONTINUED)

- INCLUDE COPIES OF WARRANTIES FROM CHEMICAL TREATMENT MANUFACTURERS FOR EACH TYPE OF TREATMENT.
- FOR ASSEMBLIES WITH FIRE-RESISTANCE RATINGS, PROVIDE MATERIAL AND CONSTRUCTION IDENTICAL TO THOSE OF ASSEMBLIES TESTED FOR FIRE RESISTANCE PER ASTM E119 BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- COMPLY WITH PERFORMANCE REQUIREMENTS IN ACPA C27.
 - USE TREATMENT THAT DOES NOT PROMOTE CORROSION OF METAL FASTENERS.
 - USE EXTERIOR TYPE FOR EXTERIOR LOCATIONS AND WHERE INDICATED.
 - USE INTERIOR TYPE A, HIGH TEMPERATURE (HT) FOR ROOF SHEATHING AND WHERE INDICATED.
 - USE INTERIOR TYPE A, UNLESS OTHERWISE INDICATED.
- KILN-DRY MATERIAL AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 15 PERCENT. DO NOT USE MATERIAL THAT IS WARPED OR DOES NOT COMPLY WITH REQUIREMENTS FOR UNTREATED MATERIAL.
- IDENTIFY FIRE-RETARDANT-TREATED PLYWOOD WITH APPROPRIATE CLASSIFICATION MARKING OF UL, U.S. TESTING, TIMBER PRODUCTS INSPECTION, OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- ALL FASTENERS SHALL BE STAINLESS STEEL, UNLESS SUBMITTED MANUFACTURER'S DOCUMENTATION APPROVES GALVANIZED FASTENERS.

ULTIMATE WIND PRESSURES (PSF) EXTERIOR DOORS, WINDOWS, WALLS				
EFFECTIVE AREA (ft ²)	ZONE 4		ZONE 5	
	PRESSURE	SUCTION	PRESSURE	SUCTION
1 TO 20	93.0	-100.7	93.0	-124.0
21 TO 50	88.7	-96.4	88.7	-115.4
51 TO 100	83.5	-91.3	83.5	-105.0
101 TO 150	79.2	-87.0	79.2	-96.4
151 TO 250	76.6	-84.4	76.6	-92.1
251 TO 500	74.0	-81.8	74.0	-86.1
501 + ABOVE	69.7	-77.5	69.7	-77.5



DOORS, WINDOWS AND WALLS

GROSS ULTIMATE WIND LOADS GYMNASIUM ROOF ROOFING MATERIALS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	41.3	41.3	41.3
SUCTION (psf)	-101.6	-170.5	-256.6

NET ULTIMATE WIND LOADS GYMNASIUM ROOF JOISTS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	33.6	33.6	33.6
SUCTION (psf)	-93.8	-114.5	-120.5

ULTIMATE GROSS WIND LOADS NEW ADDITION ROOF ROOFING MATERIALS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	35.5	35.5	35.5
SUCTION (psf)	-87.2	-146.3	-220.2

ULTIMATE NET WIND LOADS NEW ADDITION ROOF JOISTS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	32.5	32.5	32.5
SUCTION (psf)	-74.2	-114.2	-156.3

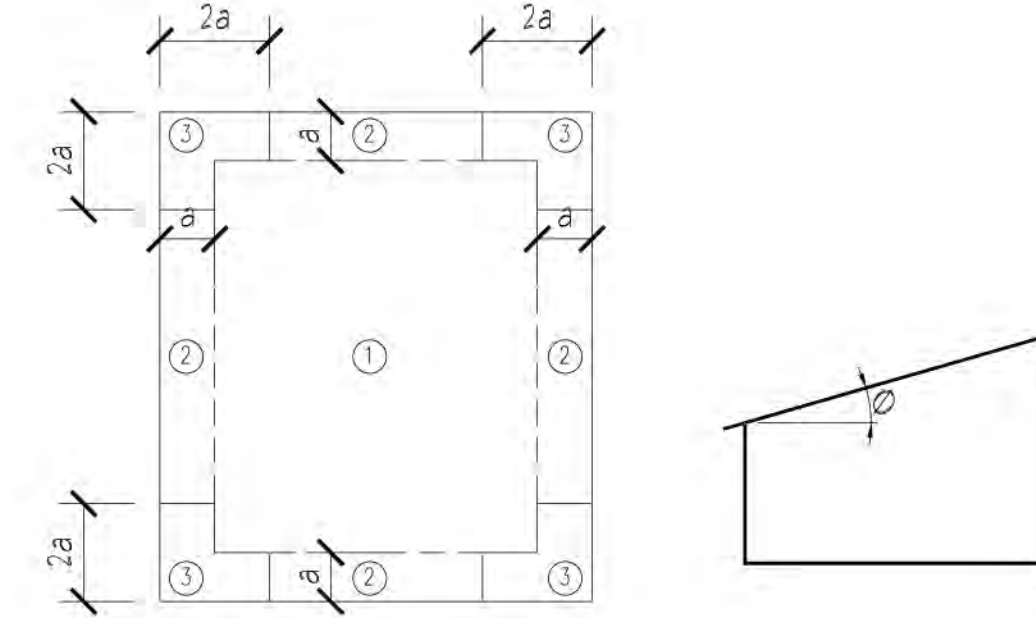
ULTIMATE GROSS WIND LOADS PITCHED ROOF ROOFING MATERIALS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	51.7	51.7	51.7
SUCTION (psf)	-82.1	-142.9	-211.3

ULTIMATE NET WIND LOADS PITCHED ROOF TRUSSES			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	36.5	36.5	36.5
SUCTION (psf)	-64.5	-94.9	-155.7

ULTIMATE GROSS WIND LOADS PITCHED ROOF OVERHANGS AND CANOPIES ROOFING MATERIALS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	51.7	51.7	51.7
SUCTION (psf)	-82.1	-142.9	-211.3

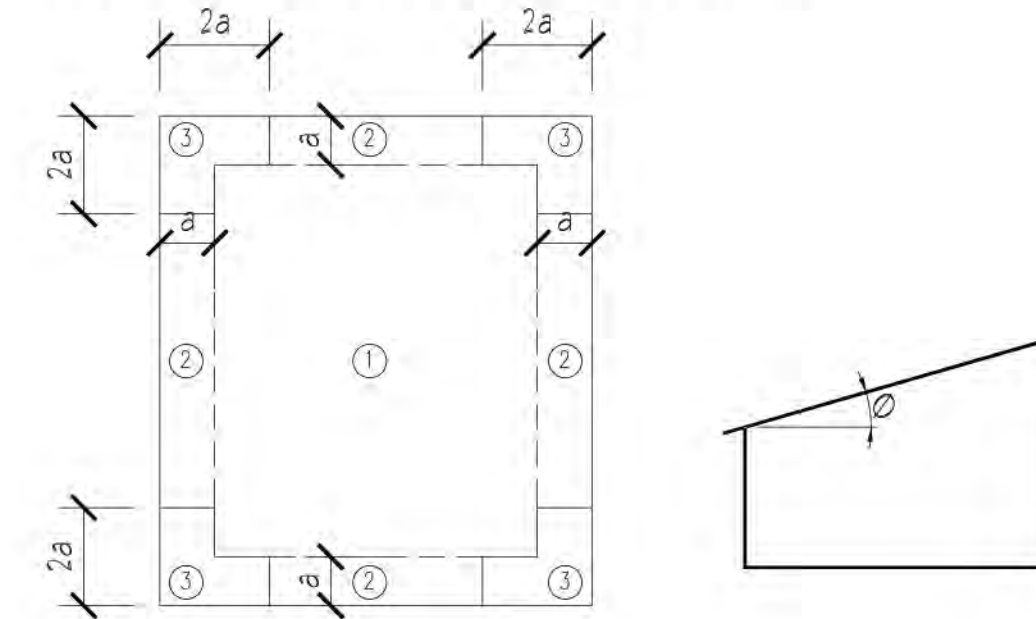
ULTIMATE NET WIND LOADS PITCHED ROOF OVERHANGS AND CANOPIES TRUSSES			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	36.5	36.5	36.5
SUCTION (psf)	-148.0	-178.4	-239.2

- a = 15 FT
- THIS BUILDING IS DESIGNED AS AN ENCLOSED STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE TABLES. IN ADDITION, ALL AREAS OF EXTERIOR GLAZING MUST BE CERTIFIED FOR MISSILE IMPACT OR PROTECTED BY WIND-BORNE DEBRIS BY A SCREEN BARRIER.
- TO CONVERT THE (ASCE 7-10) ULTIMATE WIND PRESSURES IN THE TABLES ABOVE TO (ASD) WIND PRESSURES, MULTIPLY EACH VALUE BY 0.6.



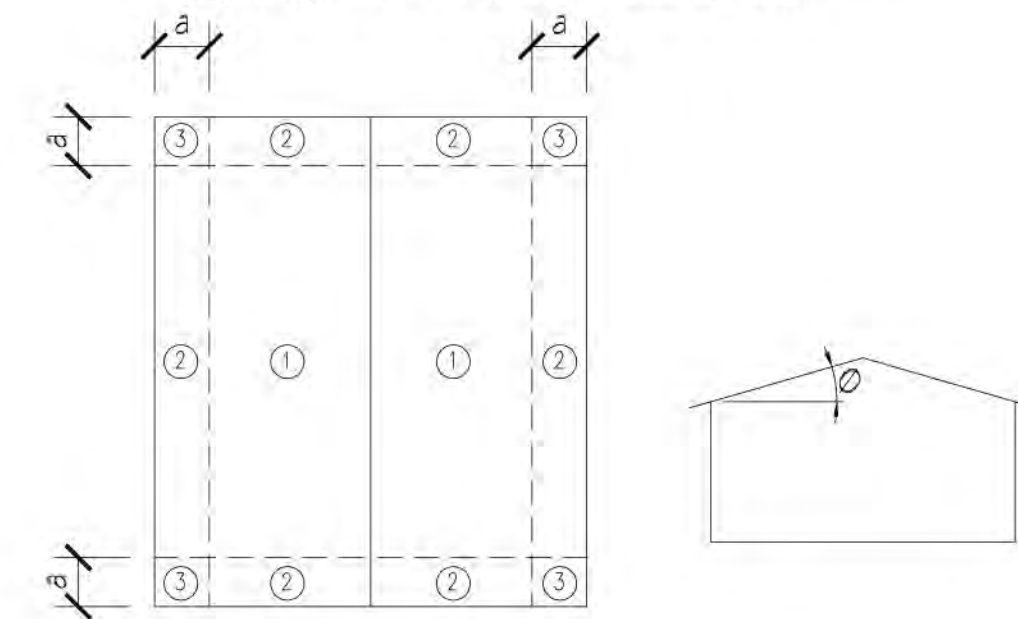
**FLAT ROOF ($\theta \leq 3^\circ$)
COMPONENT AND CLADDING
LOADING DIAGRAMS**

- a = 3 FT
- THIS BUILDING IS DESIGNED AS AN ENCLOSED STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE TABLES. IN ADDITION, ALL AREAS OF EXTERIOR GLAZING MUST BE CERTIFIED FOR MISSILE IMPACT OR PROTECTED BY WIND-BORNE DEBRIS BY A SCREEN BARRIER.
- TO CONVERT THE (ASCE 7-10) ULTIMATE WIND PRESSURES IN THE TABLES ABOVE TO (ASD) WIND PRESSURES, MULTIPLY EACH VALUE BY 0.6.



**FLAT ROOF ($\theta \leq 3^\circ$)
COMPONENT AND CLADDING
LOADING DIAGRAMS**

- a = 3 FT
- THIS BUILDING IS DESIGNED AS AN ENCLOSED STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE TABLES. IN ADDITION, ALL AREAS OF EXTERIOR GLAZING MUST BE CERTIFIED FOR MISSILE IMPACT OR PROTECTED BY WIND-BORNE DEBRIS BY A SCREEN BARRIER.
- TO CONVERT THE (ASCE 7-10) ULTIMATE WIND PRESSURES IN THE TABLES ABOVE TO (ASD) WIND PRESSURES, MULTIPLY EACH VALUE BY 0.6.



GABLE ROOF ($7^\circ < \theta \leq 27^\circ$)

2210 central ave, suite 100
st. petersburg, fl 33712
ph 727.321.0900
fx 727.321.0903
AA26001260
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CLIENT / PROJECT NAME:

CITY OF KEY WEST
RENOVATION TO

**FREDERICK DOUGLASS
RECREATION CENTER**

111 OLIVIA STREET
KEY WEST, FL 33040

BID SET

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:

STRUCTURAL SPECIFICATIONS
AND WIND TABLES

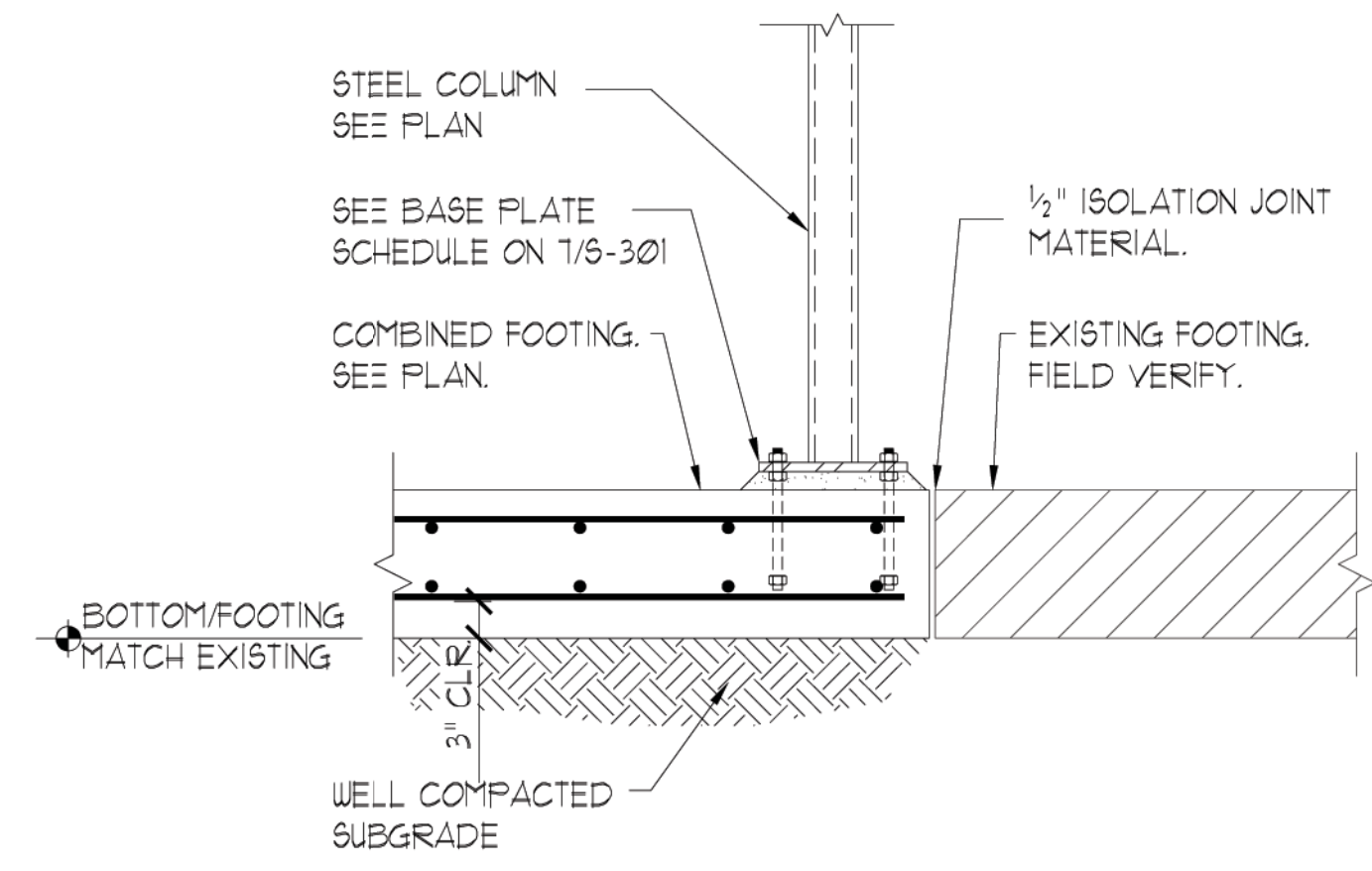
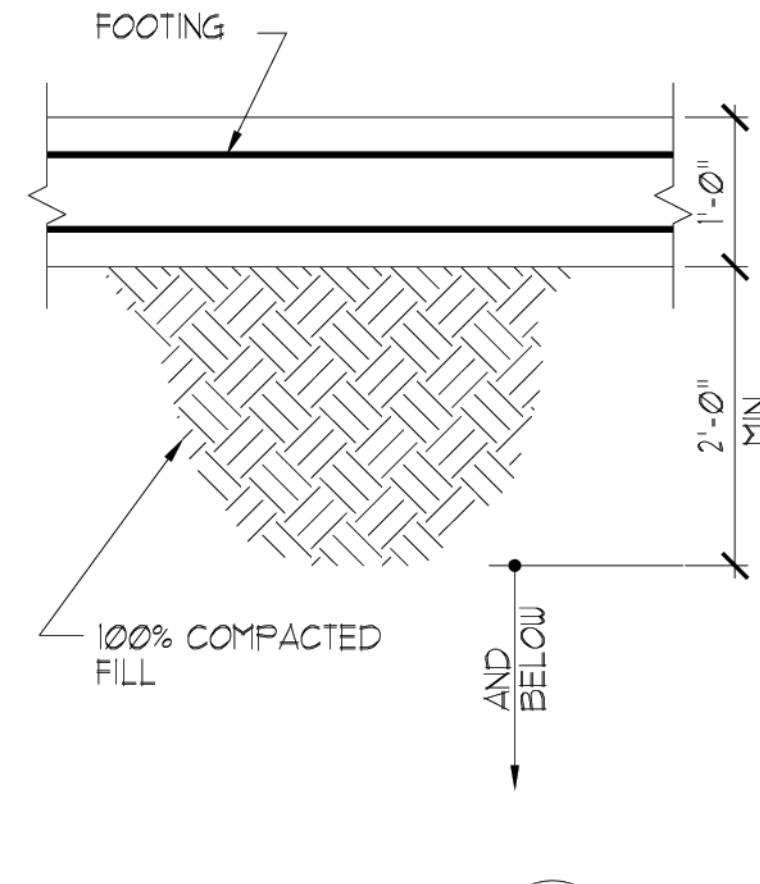
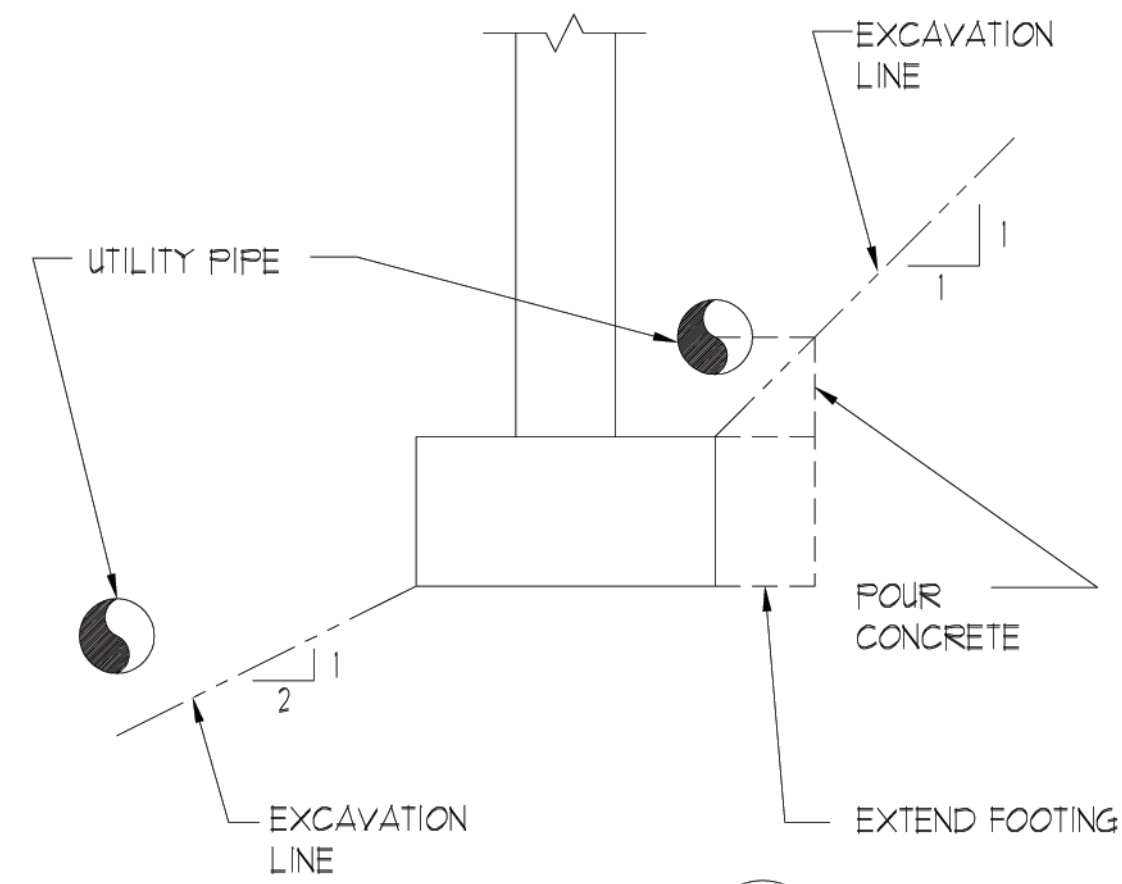
REVISIONS:

DATE ISSUED: 03/28/2016
PROJECT NO.: 12.0001

DRAWING NUMBER:

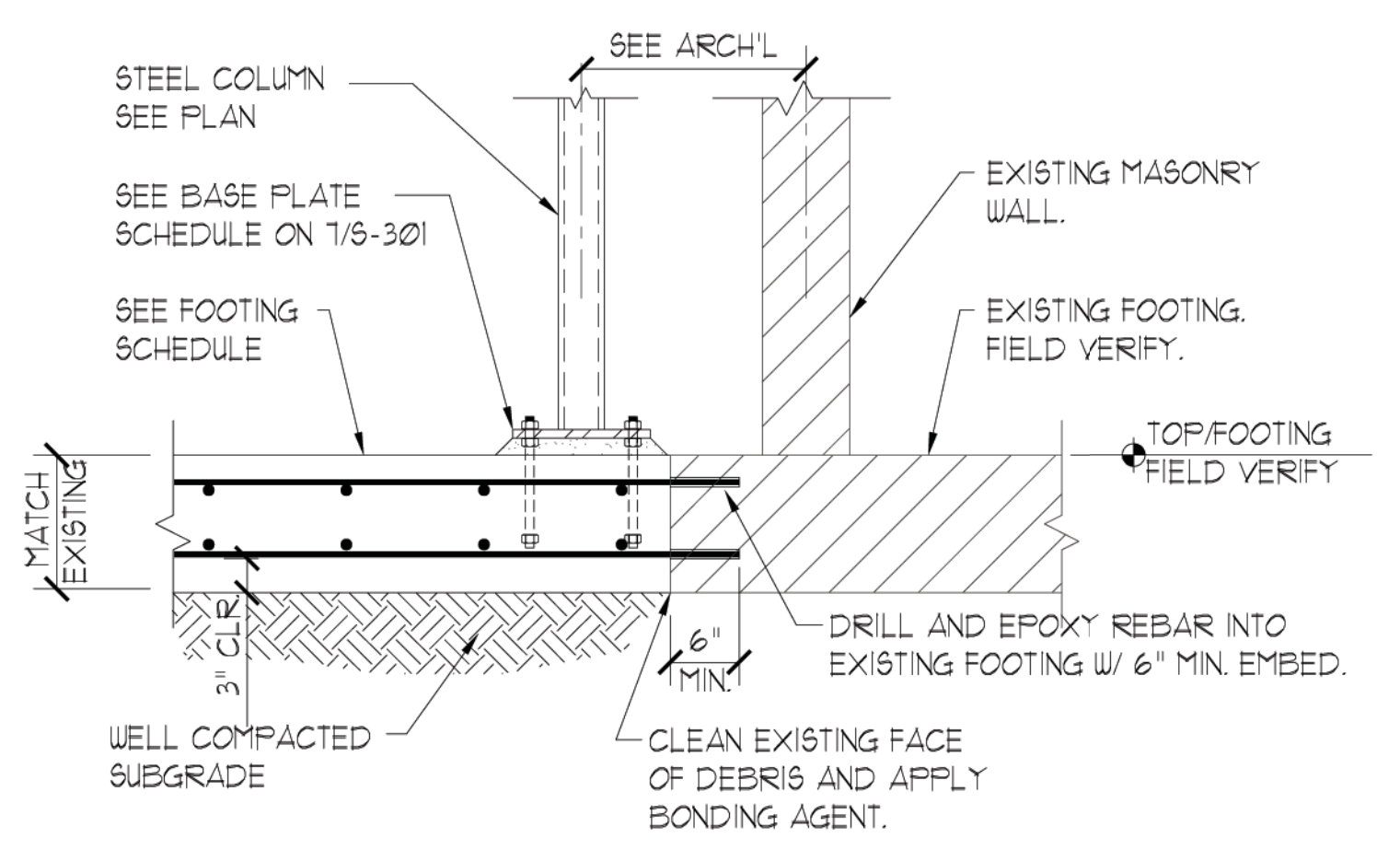


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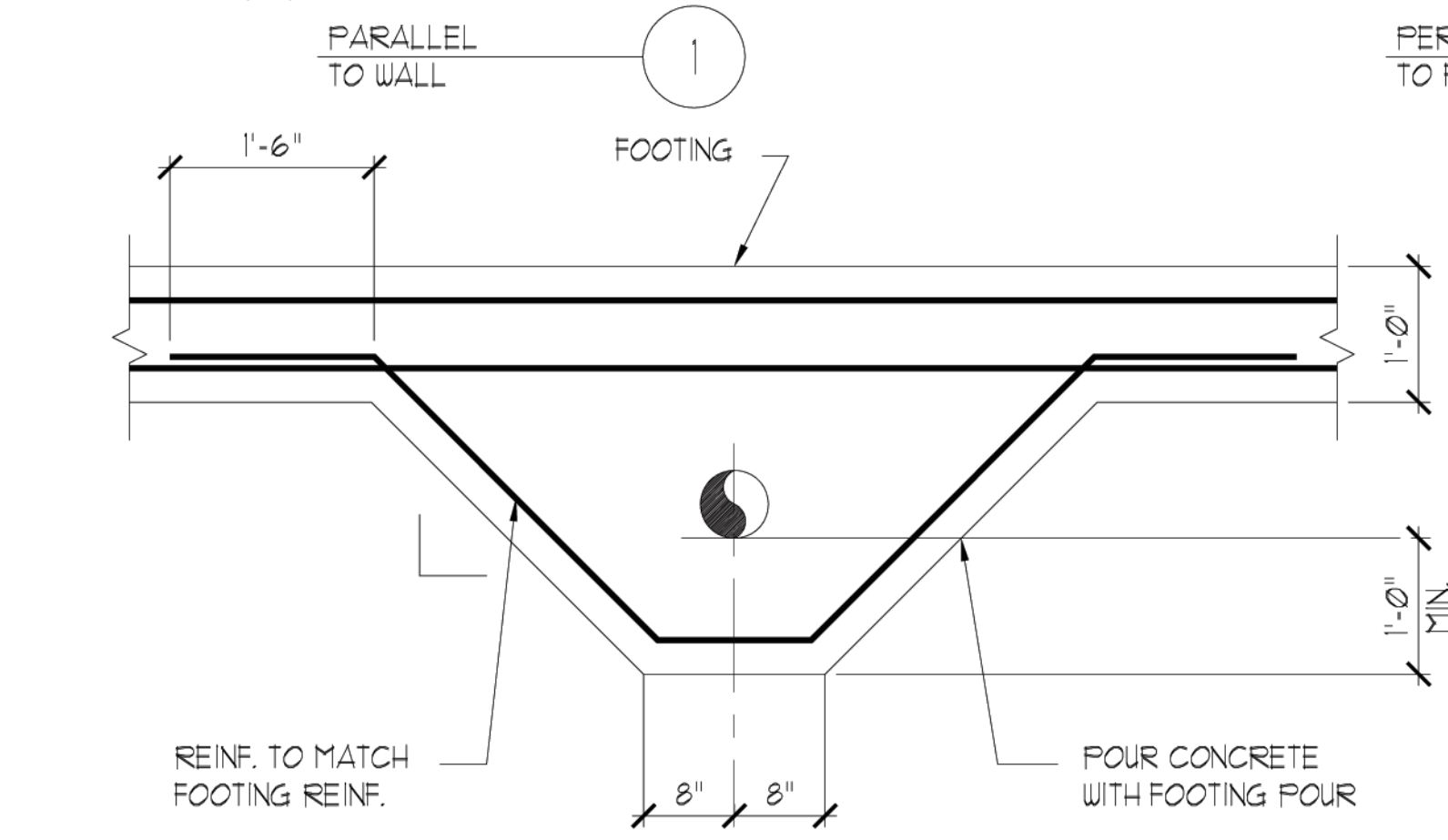
NOTES:
1. SECONDARY FOUR AND SLAB ON GRADE NOT SHOWN FOR CLARITY.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.

COMBINED FOOTING DETAIL

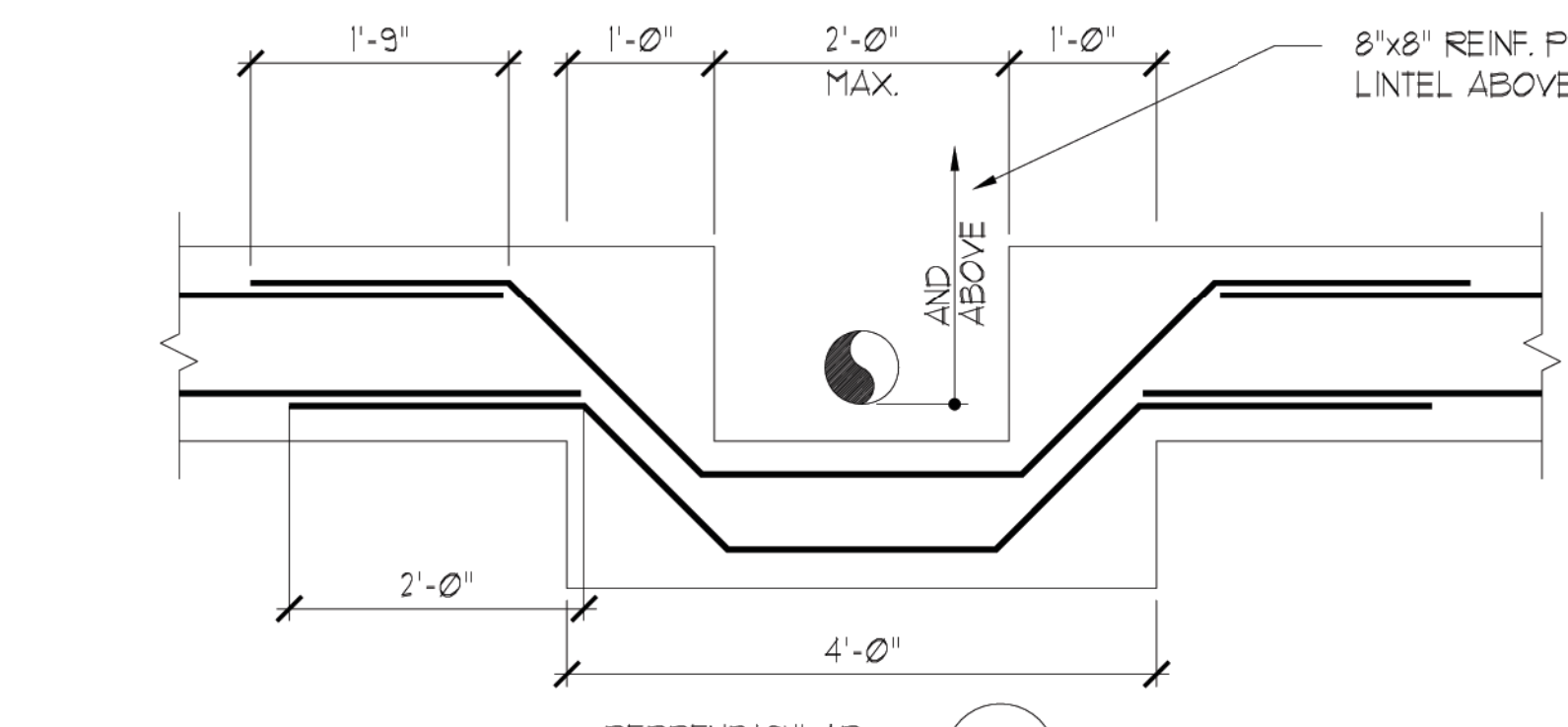


NOTES:
1. SECONDARY FOUR AND SLAB ON GRADE NOT SHOWN FOR CLARITY.
2. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.

NEW EXISTING FOOTING TIE-IN



DO NOT USE THIS DETAIL WITH PVC PIPE



FOOTING FOR PIPES PASSING UNDER OR ADJACENT TO WALLS

FOUNDATION PLAN NOTES:

- FUTURE SLAB-ON-GRADE TO BE 4" (MIN) THICK (4000 PSI) CONCRETE REINFORCEMENT W/ 6x6 W1.4 x W1.4 PROVIDED IN SHEETS ON 10 MIL VAPOR RETARDER LAP AND TAPE SEAMS OVER COMPACTED SOIL.
- TOP OF SLAB = 0'-0" U.N.O. TOP OF FOOTING = (-) 2'-0" U.N.O.
- CENTER ALL FOOTINGS BELOW WALL/COLUMN U.N.O.
- ALL WALL FOOTINGS TO BE TYPE F200 U.N.O.
- REFER TO SHEET 5-001, 5-002 AND 5-003 FOR SPECIFICATIONS.
- C.J. CONTROL JOINT. SEE 1/5-301.
- COORDINATE ALL DIMENSIONS, ELEVATIONS, SLOPES, RECESSES AND SLAB EDGES W/ ARCH'L DRAWINGS.
- REFER TO 5-301 FOR FOUNDATION DETAILS.
- ALL STRUCTURAL METAL STUDS AT STOREFRONTS ARE TO BE PRE-ENGINEERED. SUBMIT SIGNED AND SEALED CALCULATIONS AND SHOP DRAWINGS, INCLUDING ATTACHMENT TO STRUCTURE.
- VERIFY FOOTING ELEVATIONS WITH CIVIL AND FIELD CONDITIONS. MAINTAIN 12" SOIL COVER ON TOP OF FOOTING. SEE STEPPED FOOTING DETAIL 3/5-301.
- REFER TO ARCHITECT FOR EXTERIOR SIDEWALK SLABS INCLUDING CONTROL JOINT LOCATIONS.
- 8" MASONRY W/ #5 V. @ 48" O.C. MAX. IN FULLY GROUTED CELLS AT ALL INTERIOR LOAD BEARING WALLS. PROVIDE (2) VERTICAL BARS AT SIDES OF OPENINGS IN ADJACENT CELLS AND AT CORNERS WITH MATCHING DOUELS INTO FOUNDATION. HOOK INTO FOOTING CONTINUOUS TO TOP OF TIE BEAM.
- 8" MASONRY W/ #5 VERTICAL @ 24" O.C. MAX. IN FULLY GROUTED CELLS. PROVIDE (2) VERTICAL BARS AT SIDES OF OPENINGS IN ADJACENT CELLS AND AT CORNERS WITH MATCHING DOUELS INTO FOUNDATION. HOOK INTO FOOTING CONTINUOUS TO TOP OF TIE BEAM.
- 8" MASONRY W/ #6 VERTICAL @ 16" O.C. MAX. IN FULLY GROUTED CELLS. PROVIDE (2) VERTICAL BARS AT SIDES OF OPENINGS IN ADJACENT CELLS AND AT CORNERS WITH MATCHING DOUELS INTO FOUNDATION. HOOK INTO FOOTING CONTINUOUS TO TOP OF TIE BEAM.
- PROVIDE (2) #5 VERTICAL BARS IN ADJACENT CELLS FULLY GROUTED.
- (2) #4 x 4'-0" AT MID DEPTH OF SLAB, TYPICAL.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.
- COORDINATE ALL FOOTING STEPS AND TOP OF FOOTING ELEVATIONS WITH PLUMBING DRAWINGS. STEP FOOTINGS BELOW PIPES, TYPICAL. SEE DETAILS ON 1/5-004.

ROOF FRAMING PLAN NOTES:

- METAL ROOF DECK TO BE 1 1/2" DEEP (22) GA. PAINTED TYPE "B". FASTEN DECK W/ (7) 3/8" PHUDDLE WELD PATTERN AT EACH SUPPORT AND (8) #2 TEK SCREW SEDELAP FASTENERS FOR 36" WIDE DECKING. SEE 1/5-303. () INDICATES DIRECTION OF DECK SPAN.
- ROOF JOISTS ARE EQUALLY SPACED BETWEEN SUPPORTS AT 5'-0" ON CENTER, MAX.
- MAIN ROOF SLOPE = SEE ARCH'L.
- SP = JOIST ENGINEER TO DESIGN A SPECIAL JOIST OR DOUBLE JOIST AT WOOD TRUSS BEARING LOCATIONS. SEE 1/5-401 FOR LOADING.
- REFER TO ARCHITECTURAL FOR DIMENSIONS AND ELEVATIONS.
- REFER TO SHEETS 5-001, 5-002, AND 5-003 FOR SPECIFICATIONS.
- SEE PLAN FOR JOIST BEARING ELEVATIONS.
- (+) INDICATES TOP OF STEEL BEAM, TYP. U.N.O.
- CANTILEVERED ROOF TIE BEAM. SEE 9/5-303.
- SP1 = JOIST ENGINEER TO DESIGN A SPECIAL JOIST OR DOUBLE JOIST AT ROOF TOP UNIT LOCATIONS. RTUs TO BEAR ON A MINIMUM OF (2) JOISTS AS SHOWN. ONE RTU MAX PER JOIST SPAN. REFER TO MECHANICAL/ARCHITECTURAL DRAWINGS FOR EXACT LOCATION, SIZE AND WEIGHT. WEIGHTS SHOWN DO NOT INCLUDE ALLOWANCE FOR SUPPORTING CURBS.
- SEE 5-003 FOR WIND TABLES.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.
- FIELD VERIFY WEIGHTS OF ALL EXISTING RELOCATED ROOF TOP UNITS AND SUBMIT TO ENGINEER OF RECORD, ARCHITECT, AND JOIST DELEGATED ENGINEER PRIOR TO FABRICATION OF JOISTS.

OVERBUILD ROOF FRAMING PLAN NOTES:

- ROOF FRAMING TO BE PRE-ENGINEERED METAL TRUSSES @ 24" O.C. MAX. U.N.O. SEE ARCHITECTURAL DRAWINGS FOR EXTENT. PROVIDE SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS FOR REVIEW PRIOR TO FABRICATION AND CONSTRUCTION.
- ROOF DECK SHEATHING TO BE 3/8" THICK EXTERIOR GRADE FIRE RETARDANT PLYWOOD W/ #10 TEK SCREWS @ 4" O.C. AT PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS. PROVIDE BLOCKING AT ALL PANEL JOINTS. SEE 6/5-304.
- ROOF SLOPE = MATCH EXISTING.
- ROOF TRUSS ELEVATION = SEE PLAN
- SEE 5-003 FOR WIND TABLES.
- REFER TO SHEETS 5-001, 5-002, AND 5-003 FOR SPECIFICATIONS.
- ALL TRUSS TO TRUSS CONNECTIONS BY DELEGATED TRUSS ENGINEER.
- SEE ARCHITECTURAL SECTIONS FOR CEILING FRAMING AND SOFFIT/FASCIA FRAMING.
- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING.
- REFER TO ARCHITECTURAL FOR METAL TRUSS CONFIGURATION.
- VERIFY ALL DIMENSIONS AND ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
- ALL SIMPSON CONNECTORS ARE TO BE FULLY SCREWED U.N.O.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.

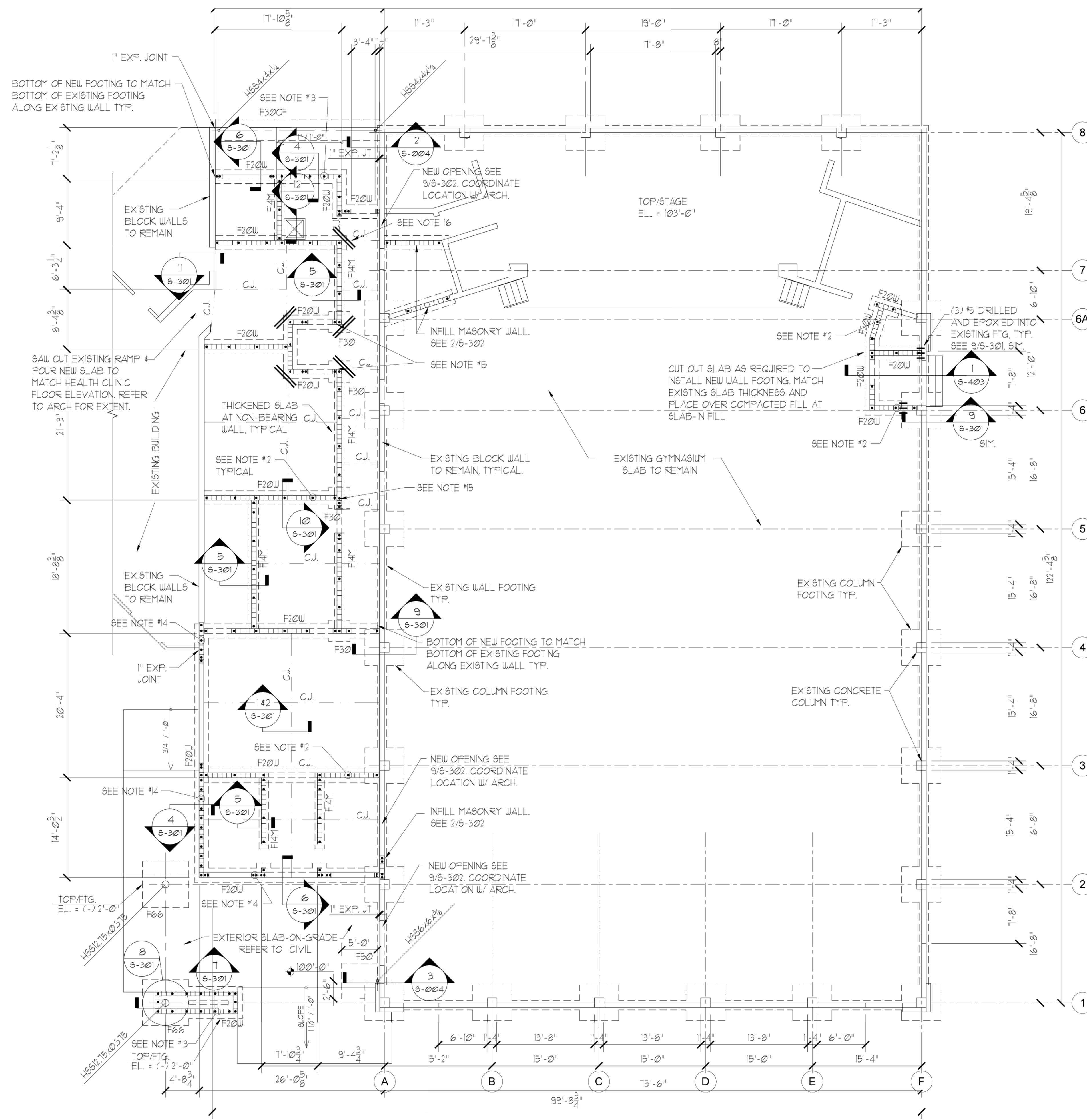
ENTRY CANOPY ROOF FRAMING PLAN NOTES:

- METAL ROOF DECK TO BE (16) GA. ARCHDECK. REFER TO ARCHITECT FOR EXTENT. () INDICATES DIRECTION OF SPAN.
- REFER TO ARCHITECT FOR RADIUS OF ROOF DECK.
- REFER TO ARCHITECT FOR DIMENSIONS AND ELEVATIONS.
- REFER TO 5-001, 5-002, 5-003 FOR SPECIFICATIONS.
- REFER TO 5-003 FOR WIND TABLES.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.



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McCarthy Project No. 13178

**FREDERICK DOUGLASS
RECREATION CENTER**



FOOTING SCHEDULE					
MARK	SIZE	DEPTH	REINF. EA. WAY	REMARKS	DWL/A.B. EMBEDMENT
FI4M	1'-4"	10"	(2) #5 CONT.	MONO FTG. SEE 3/5-301	1"
F20W	2'-0"	1'-0"	(3) #5 CONT. #4@24" TRANSV.	WALL FTG.	9"
*F30CF	3'-0"	1'-2"	(4) #6 T4B LONG #6@12" SHORT	COMBINED FOOTING	11"
F30	3'-0"x3'-0"	1'-0"	(3) #5 CONT.		9"
F50	5'-0"x5'-0"		MATCH EXISTING (5) #5	TOP 4 BOT.	9"
F66	6'-6"x6'-6"	1'-4"	(8) #5	TOP 4 BOT.	1'-1"

*FIELD VERIFY ACTUAL LENGTH OF FOOTING WITH FIELD CONDITIONS. PROVIDE 1/2" ISOLATION JOINT BETWEEN NEW FOOTING AND EXISTING FOOTING.

MASONRY REINF. LAP SCHEDULE	
BAR SIZE	LAP LENGTH
#3 BAR	18"
#4 BAR	24"
#5 BAR	30"
#6 BAR	36"
#7 BAR	42"

FOUNDATION PLAN

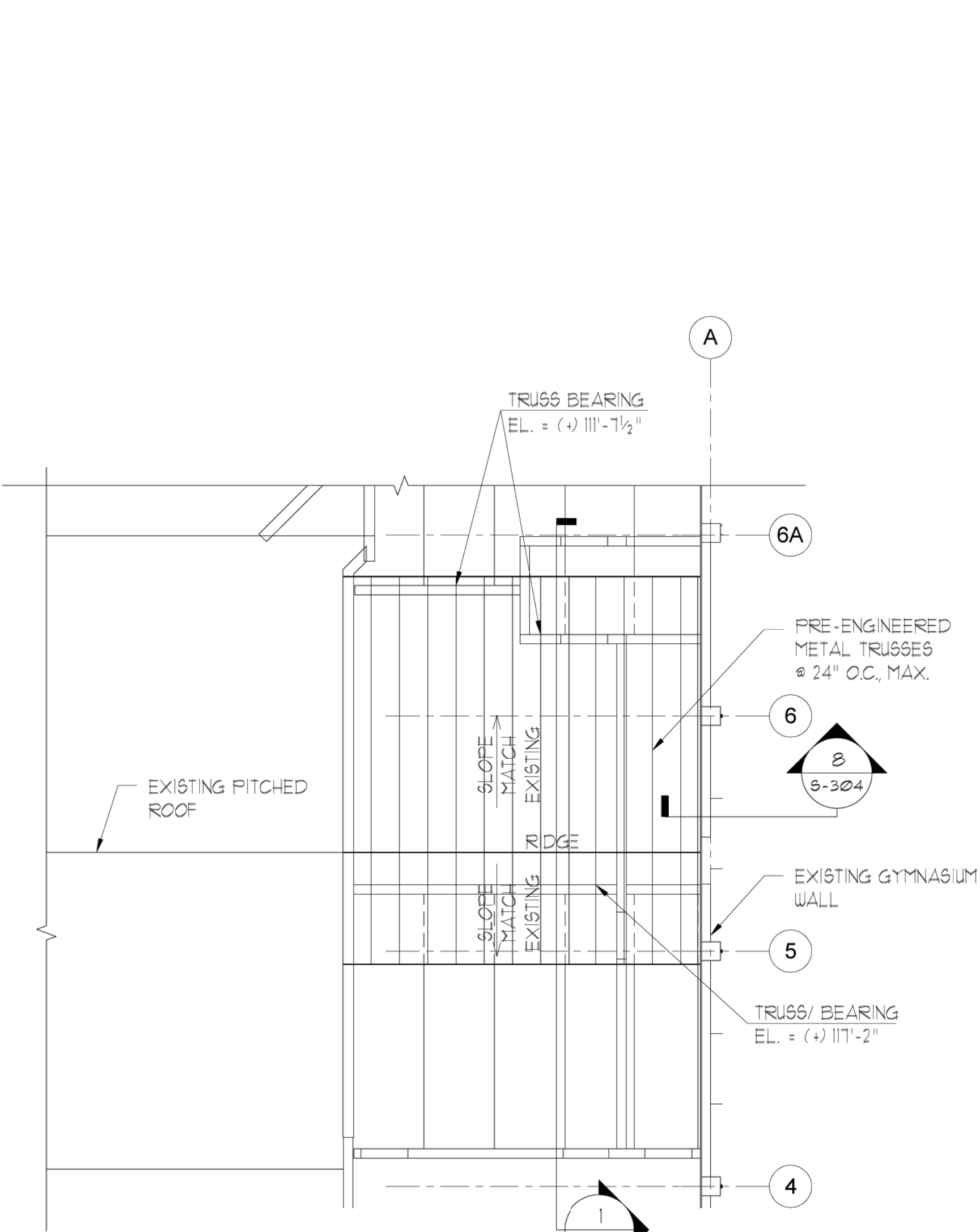
SCALE: 1/8" = 1'-0"

SEE S-004 FOR PLAN NOTES

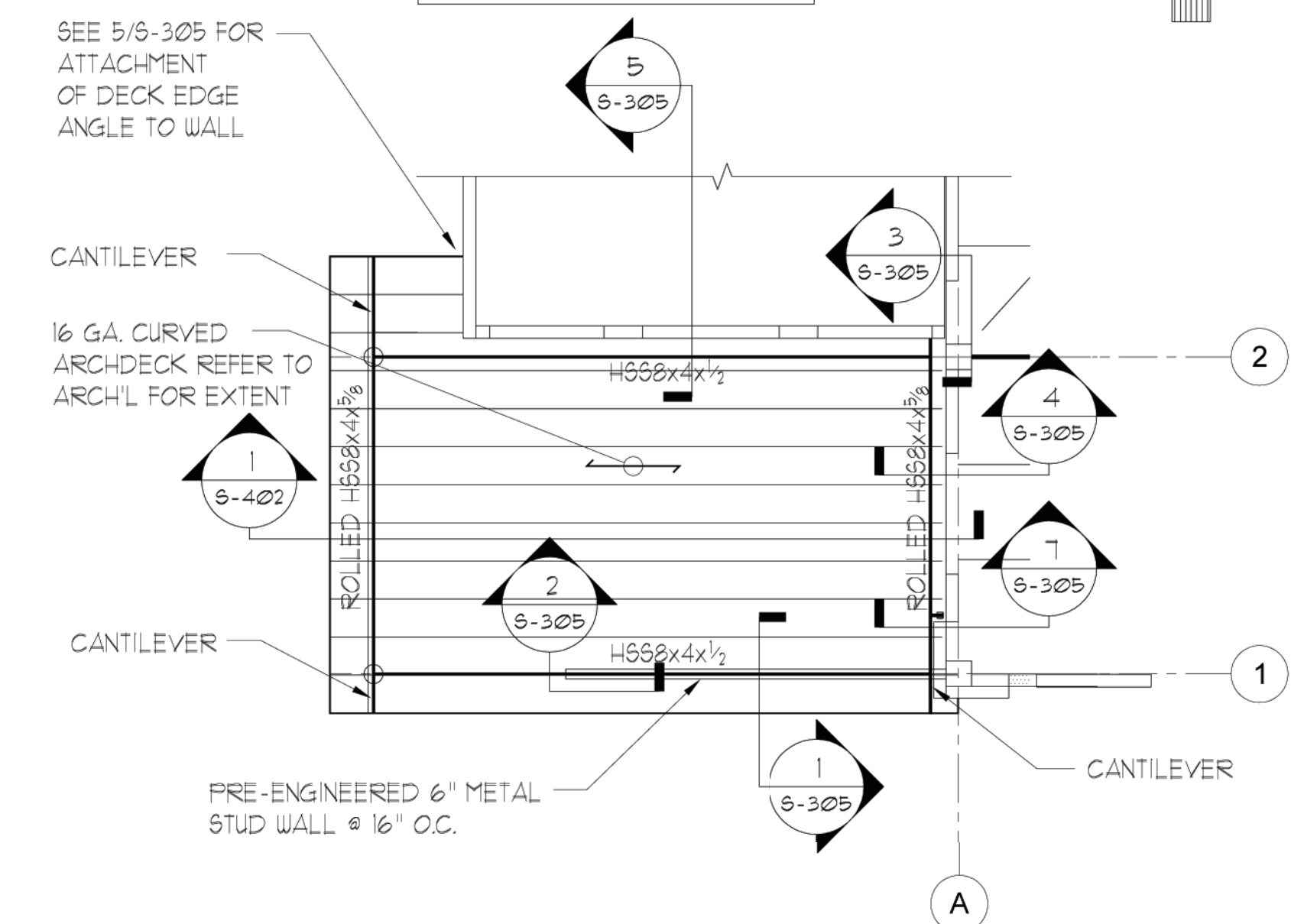




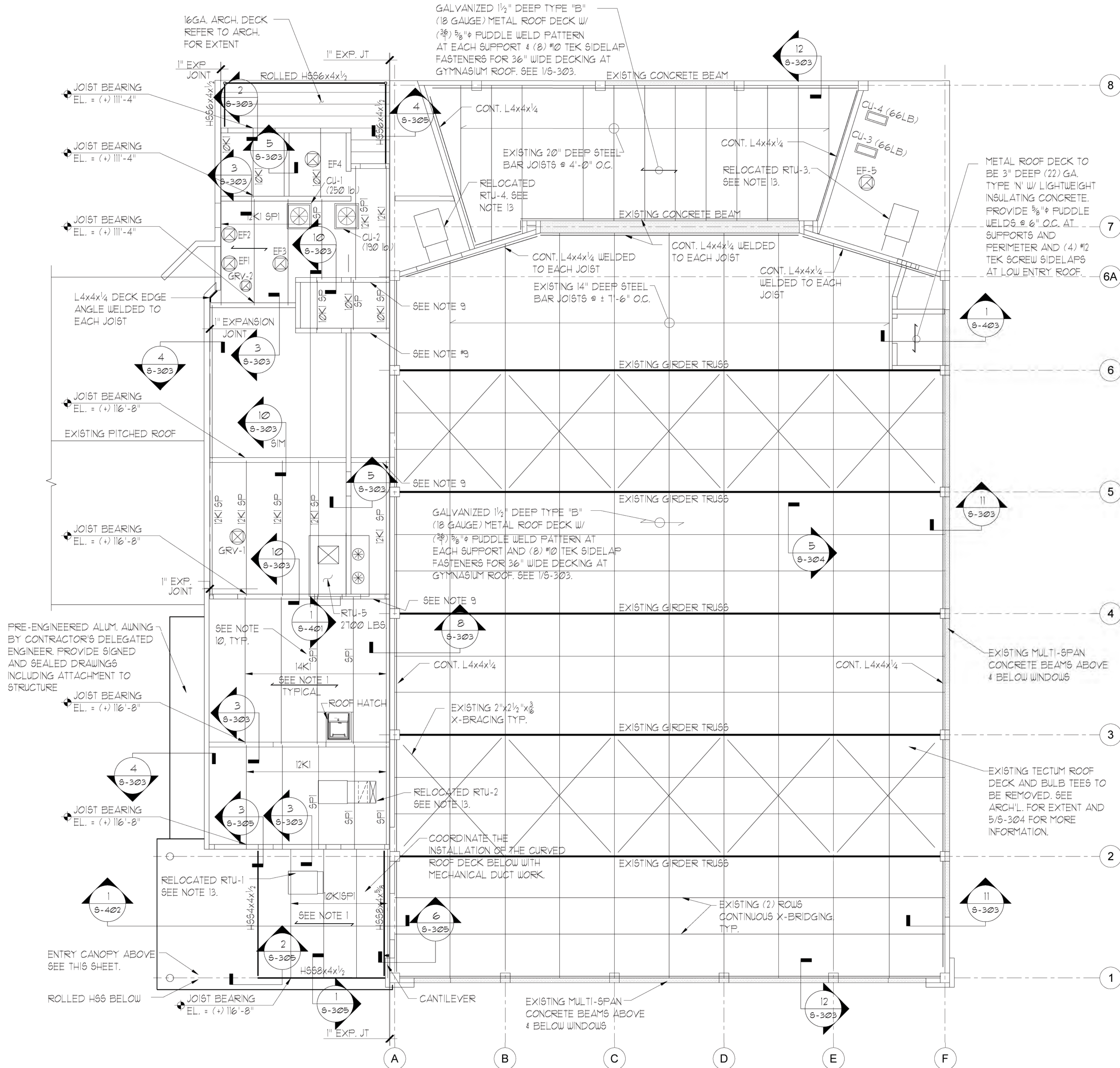
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OVERBUILD ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



ENTRY CANOPY ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



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McCarthy Project No. 13178

CLIENT / PROJECT NAME:
CITY OF KEY WEST
RENOVATION TO

**FREDERICK DOUGLASS
RECREATION CENTER**

111 OLIVIA STREET
KEY WEST, FL 33040

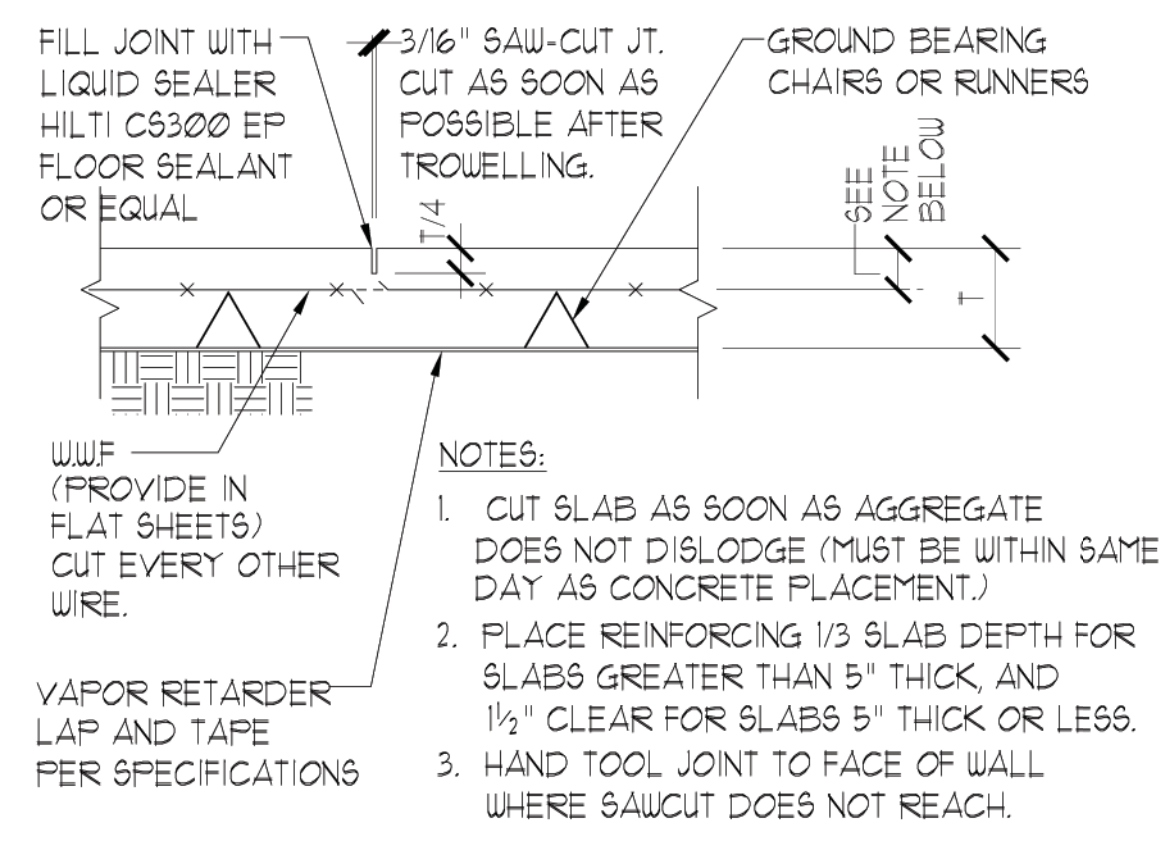
BID SET

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:

FOUNDATION DETAILS

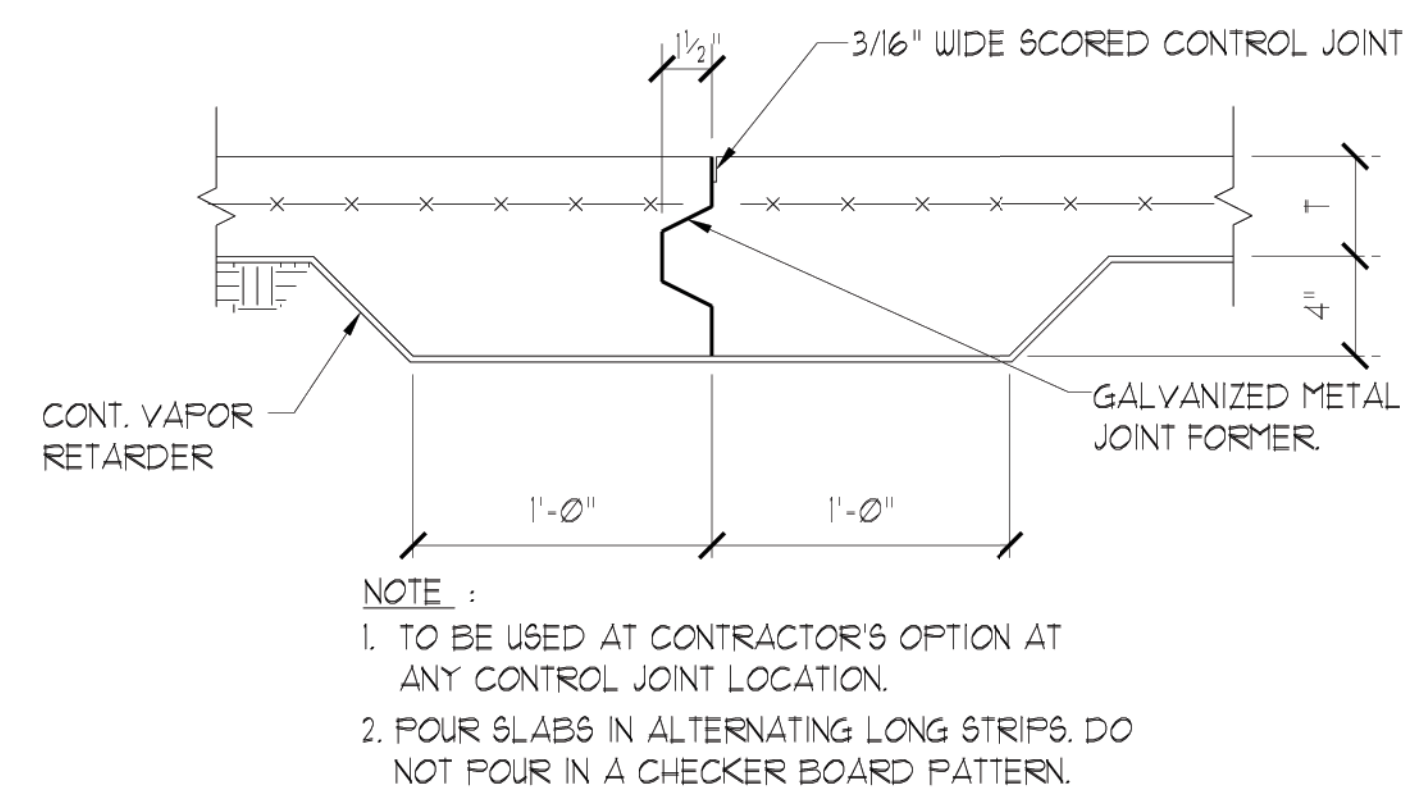
REVISIONS:



CONTRACTION JOINT

SCALE: 1/2" = 1'-0"

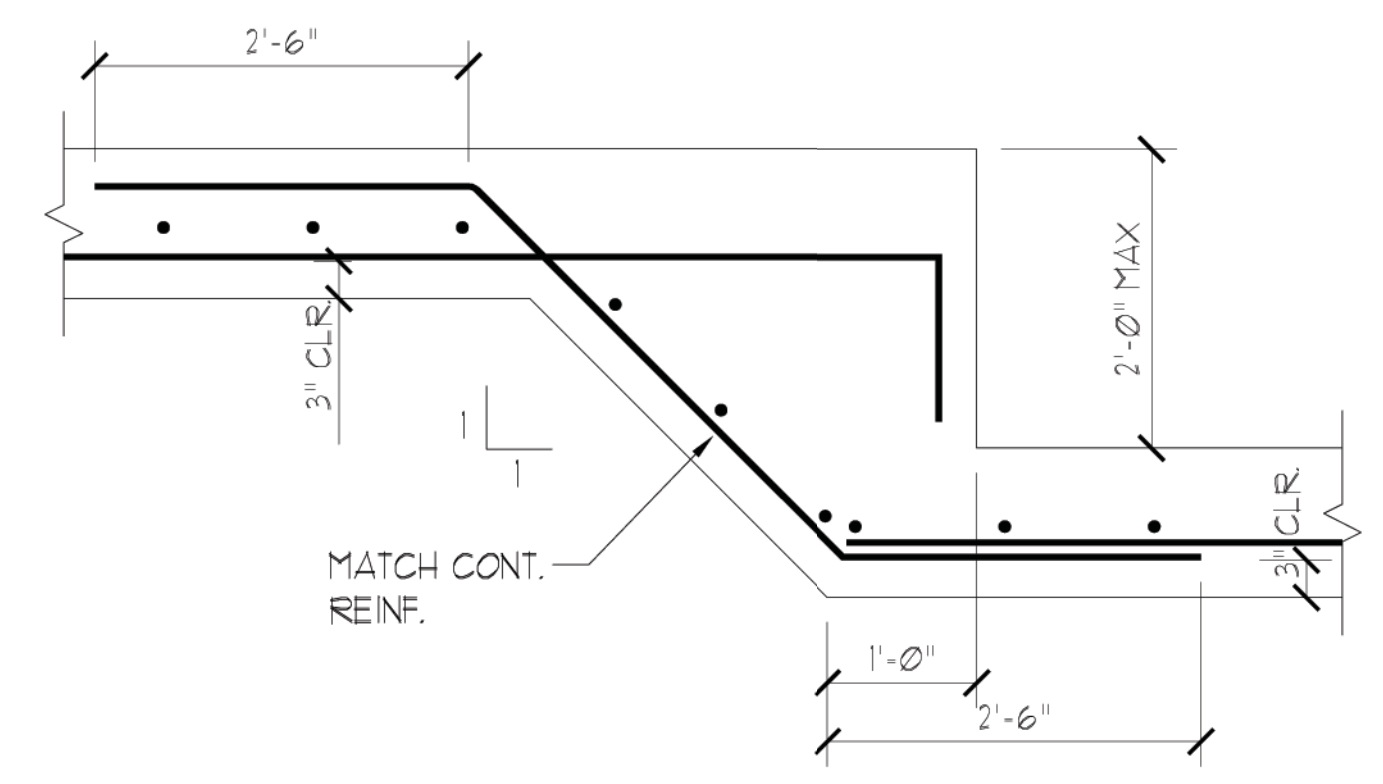
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CONSTRUCTION JOINT

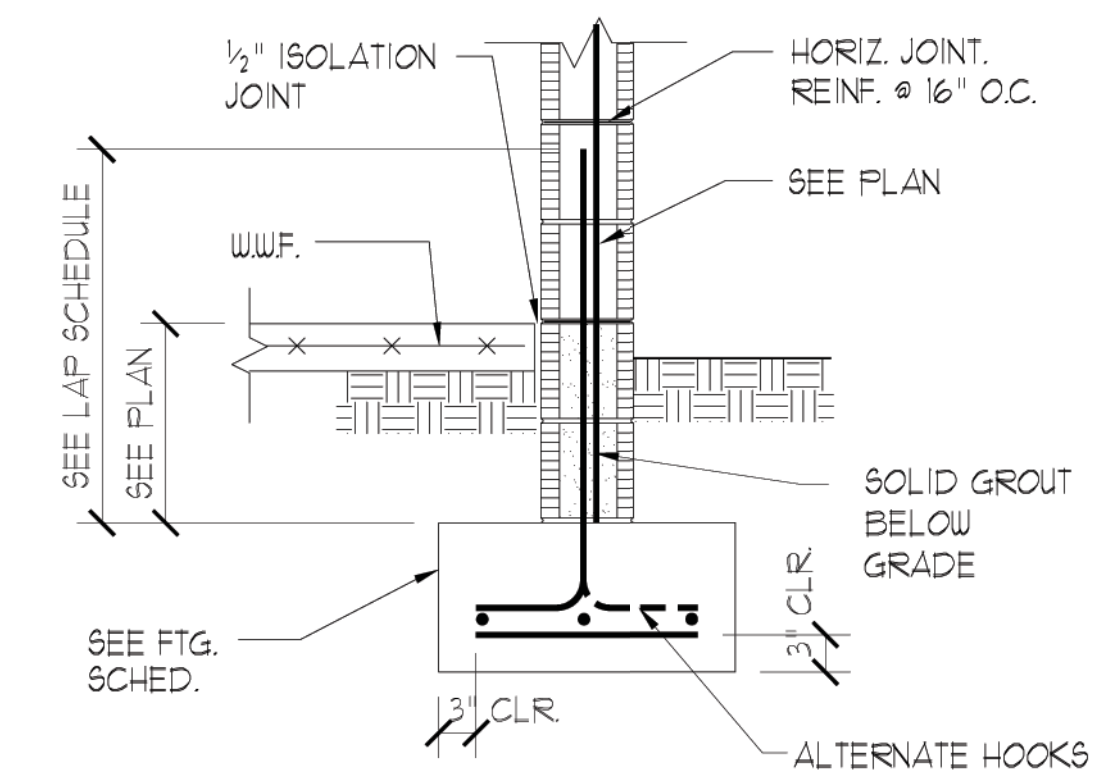
SCALE: 1/2" = 1'-0"

2



STEPPED FOOTING

3

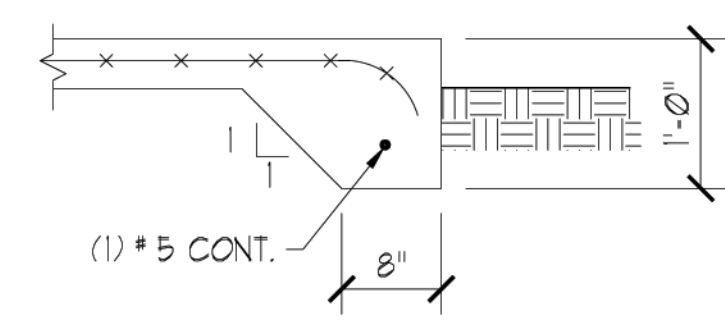


WALL FOOTING

4

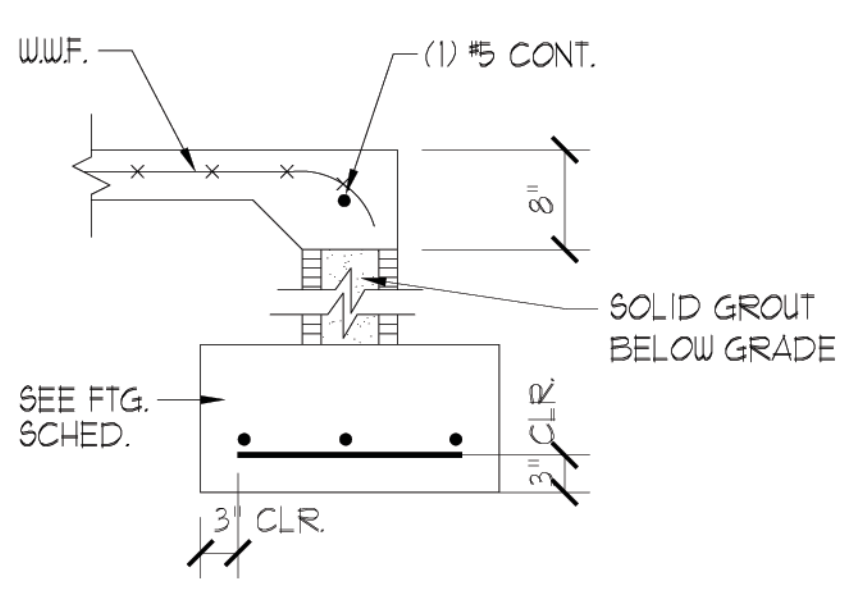
COLUMN SIZE	LOCATION	BASE #	ANCHOR BOLTS	ANCHOR MIN. EMBEDMENT	EDGE DISTANCE
H664x4x1/4	EXTERIOR	3/4"x12"x1'-0"	(4) 3/4"φ	SEE FTG. SCHEDULE	1 1/2"
H666x6x3/8	EXTERIOR	3/4"x12"x1'-0"	(4) 3/4"φ	SEE FTG. SCHEDULE	1 1/2"
H6612.75x0.375	EXTERIOR	1"x16"x1'-4"	(4) 3/4"φ	SEE FTG. SCHEDULE	1 1/2"

* NOTE: OFFSET COLUMNS ON BASE PLATES AT EXISTING BUILDING.



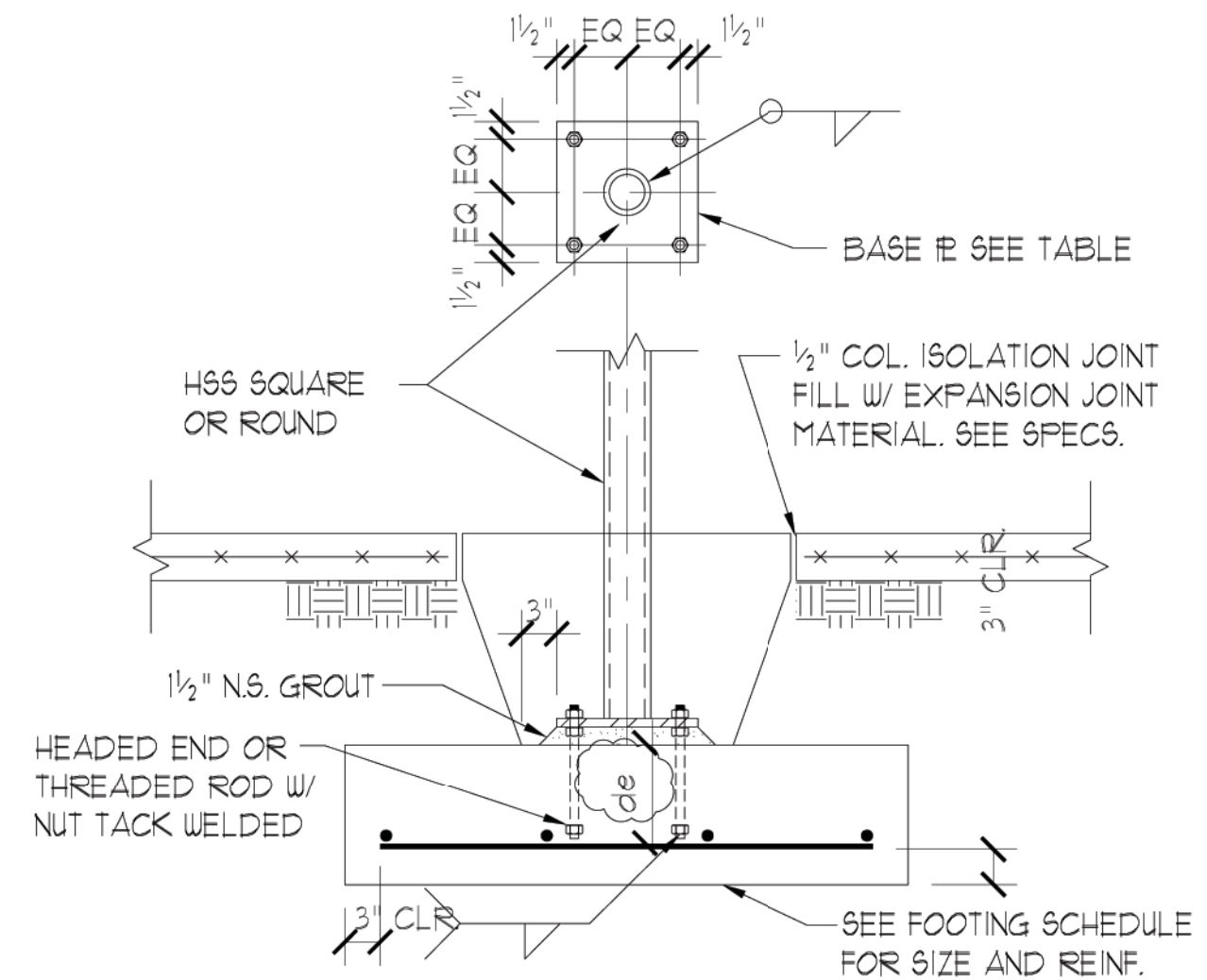
THICKENED SLAB EDGE

6A



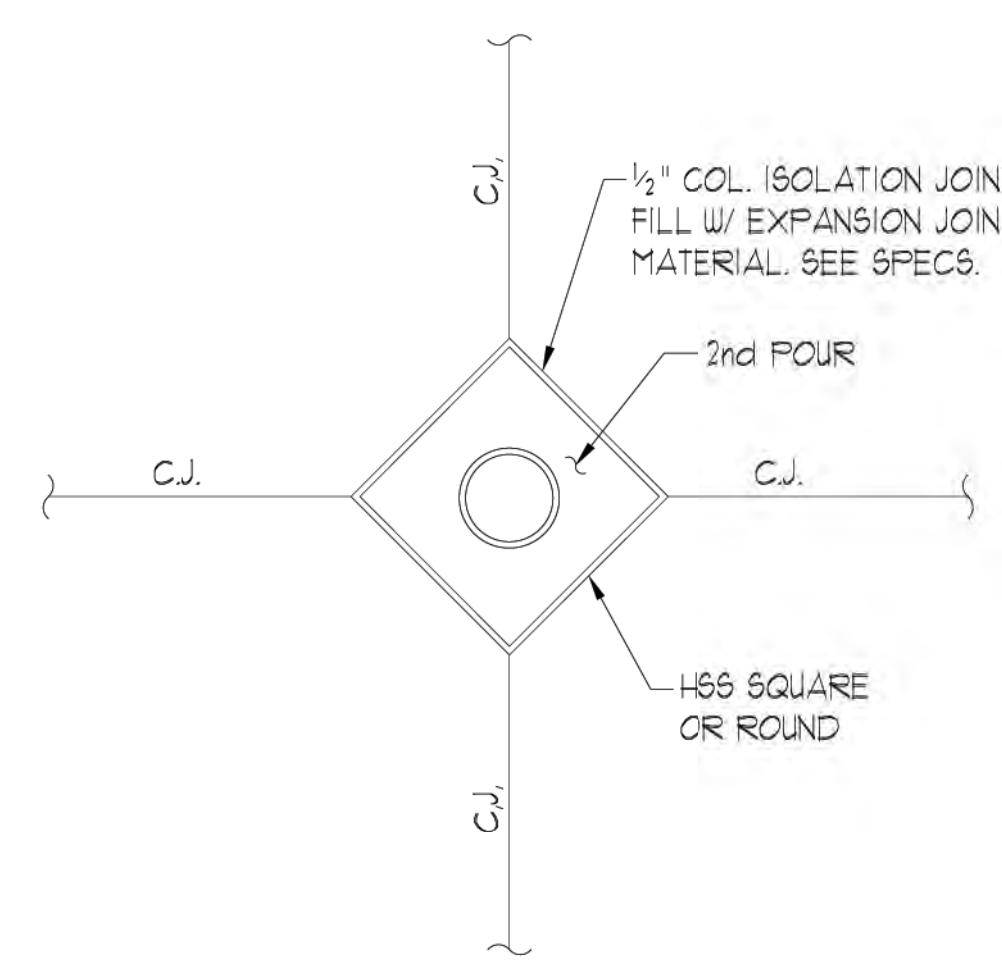
THICKENED SLAB EDGE

6B



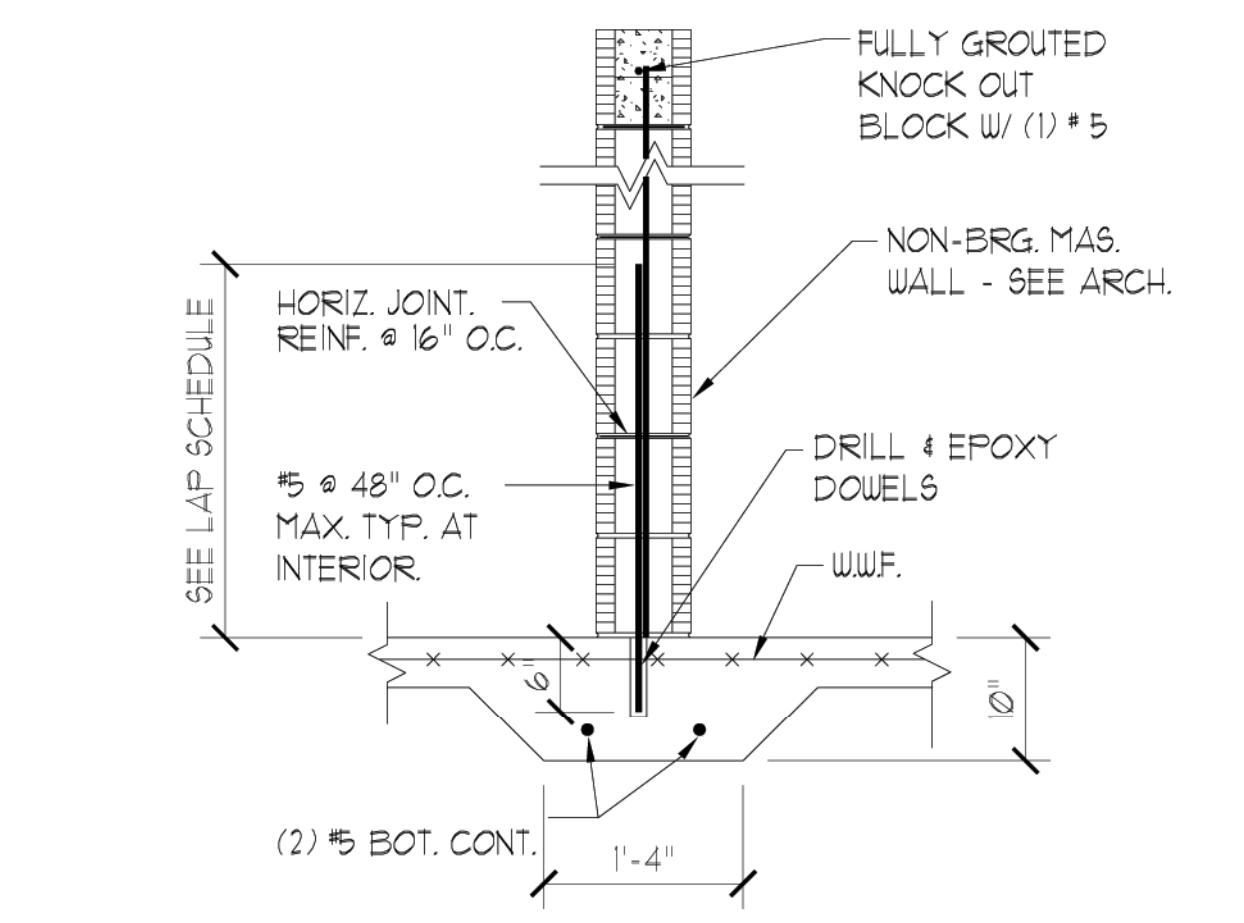
COLUMN FOOTING

7



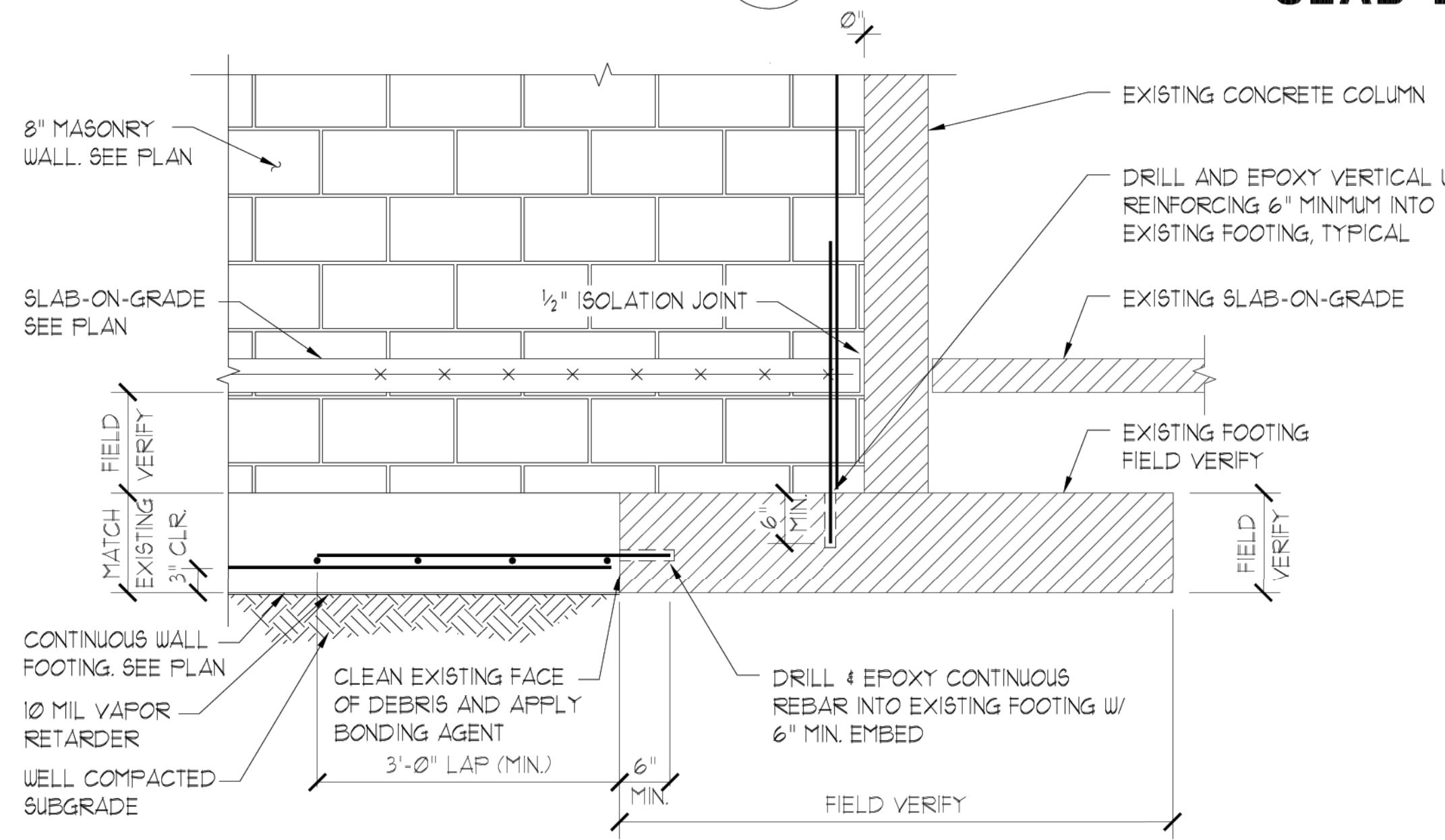
COL. ISOLATION JOINT

8



NON-BEARING MAS.

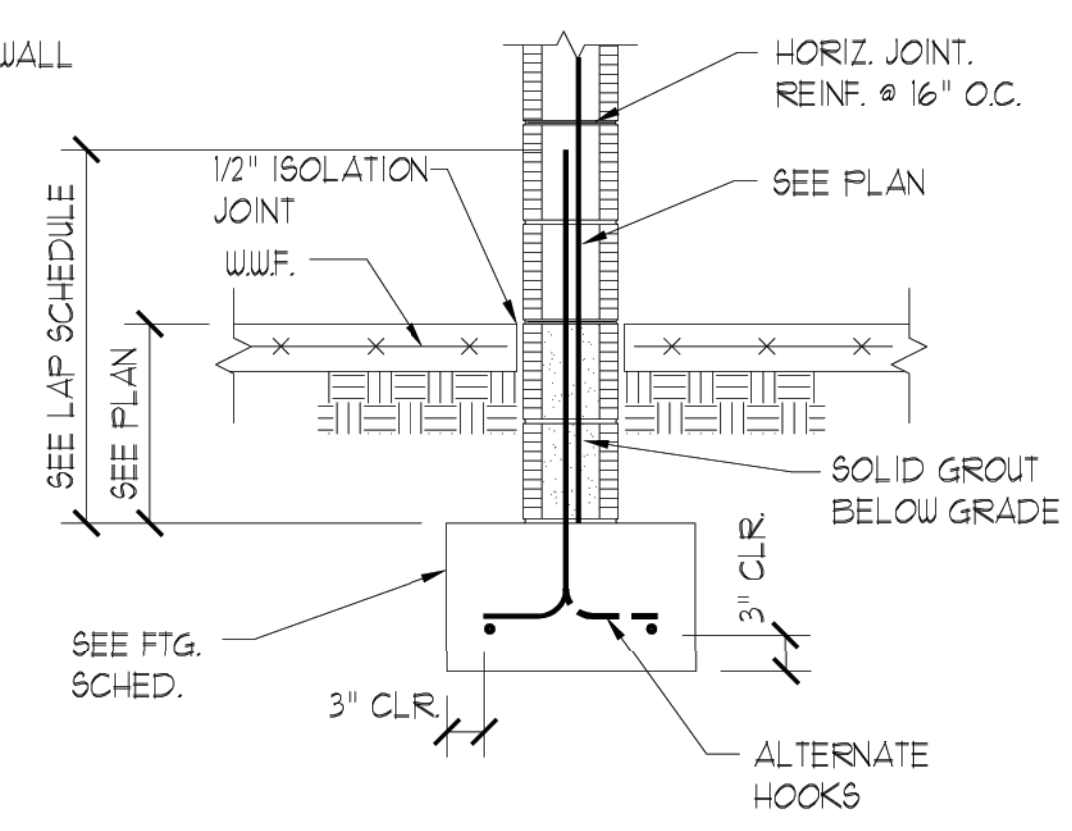
5



NEW/EXISTING FOOTING TIE IN

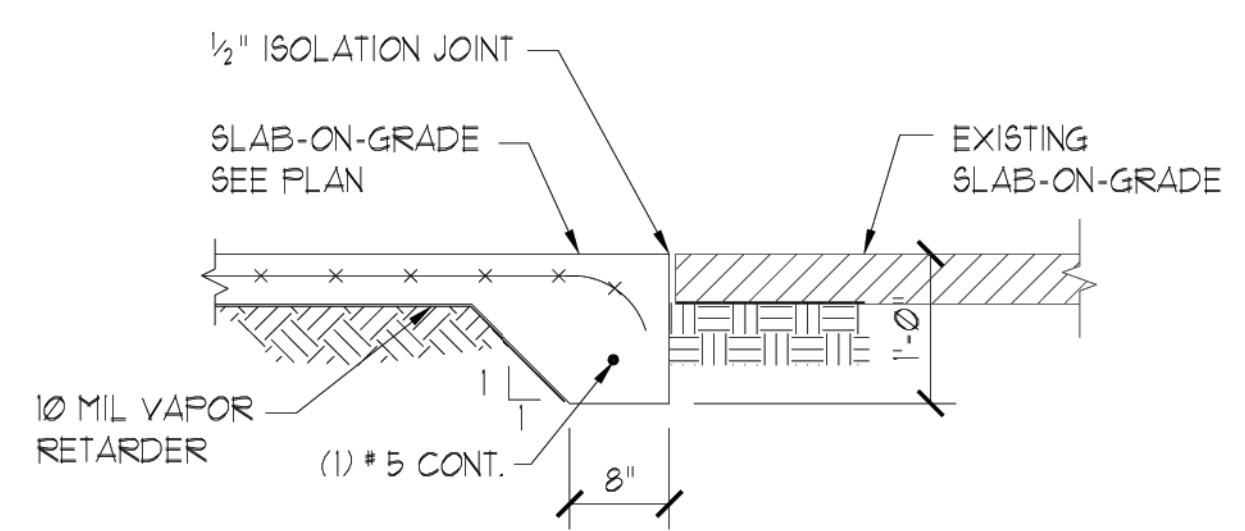
CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND ENGINEER OF RECORD IMMEDIATELY OF ANY DISCREPANCIES.

9



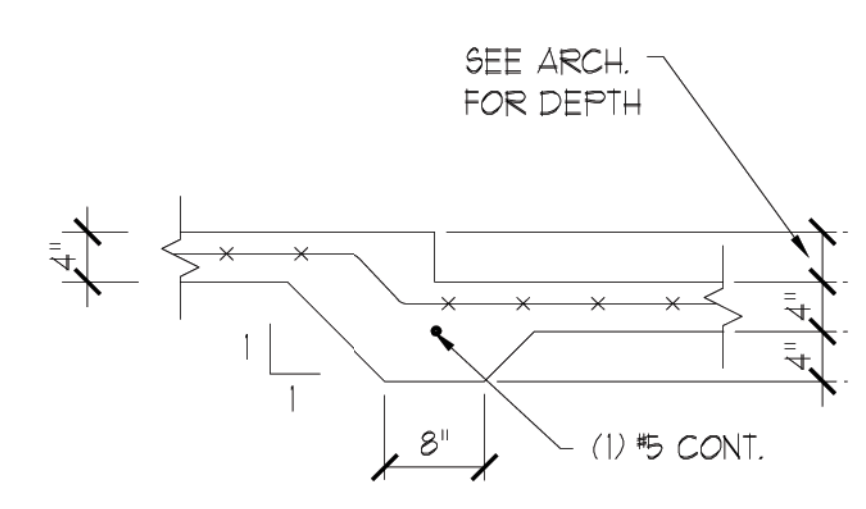
INTERIOR WALL FOOTING

10



SLAB DETAIL

11

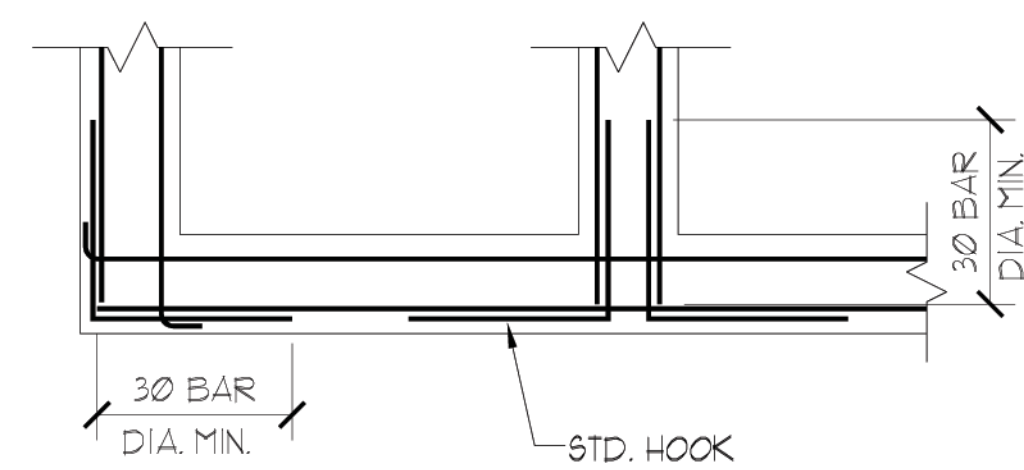


SLAB RECESS

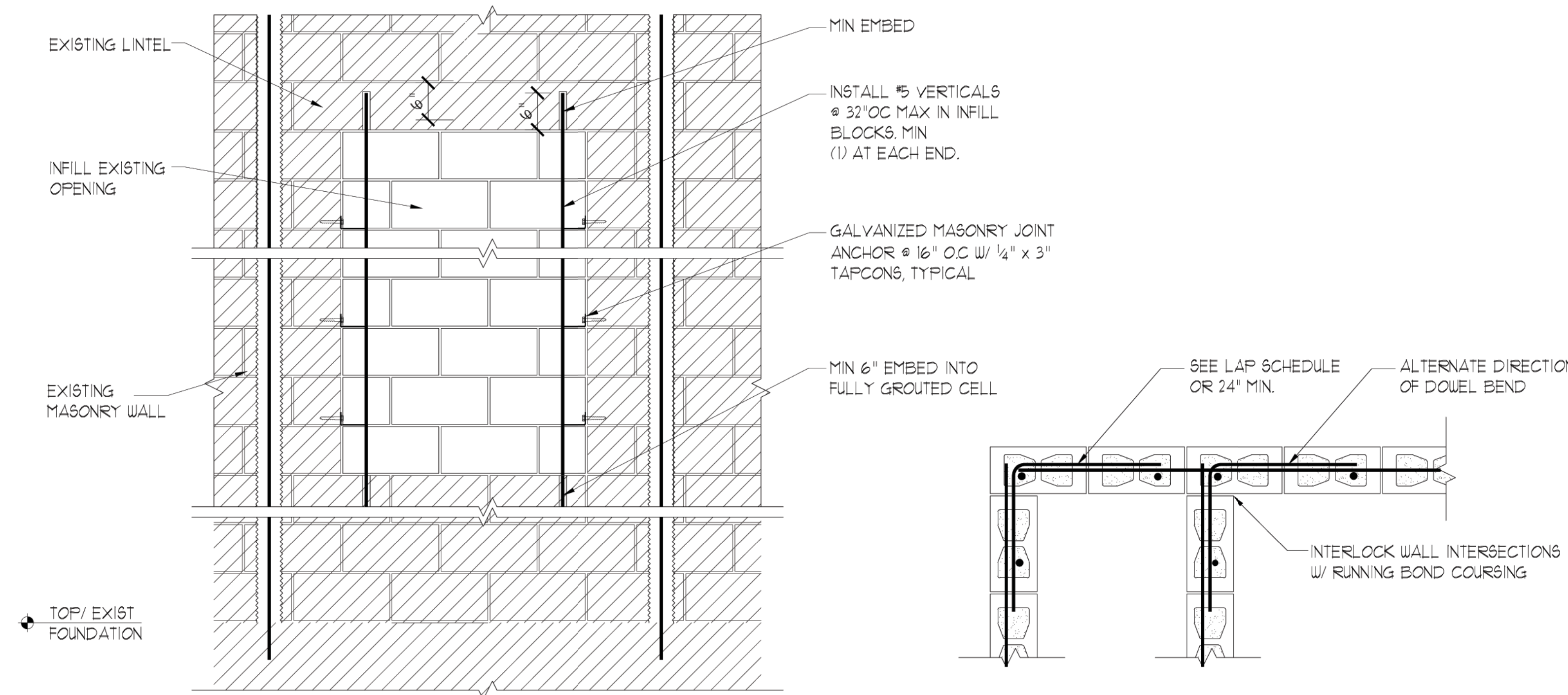
12



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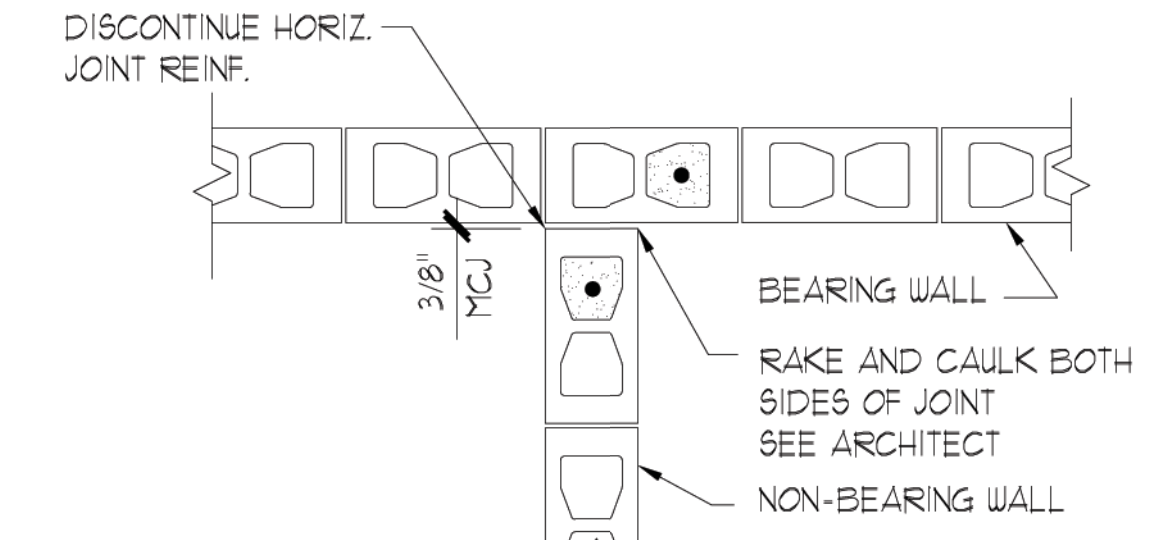


TYPICAL WALL AND FTG. REINF. INTERSECTIONS

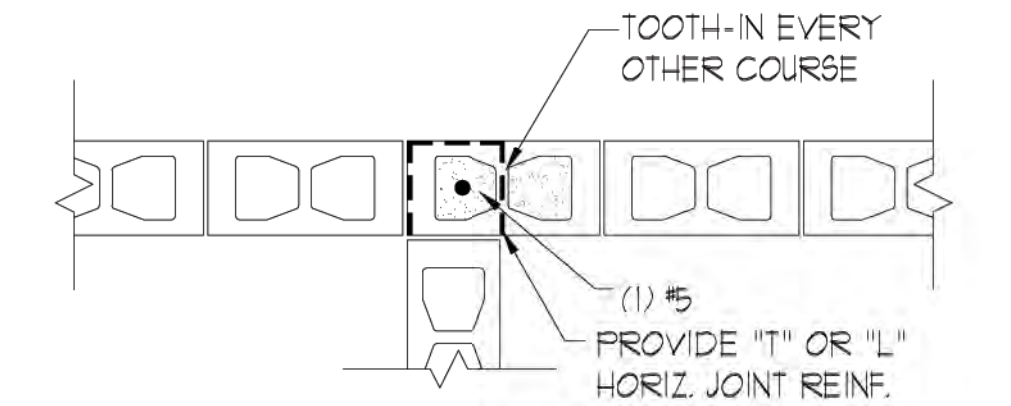


TYP. INFILL WALL REINFORCING

8" MASONRY BOND BEAM CONNECTION

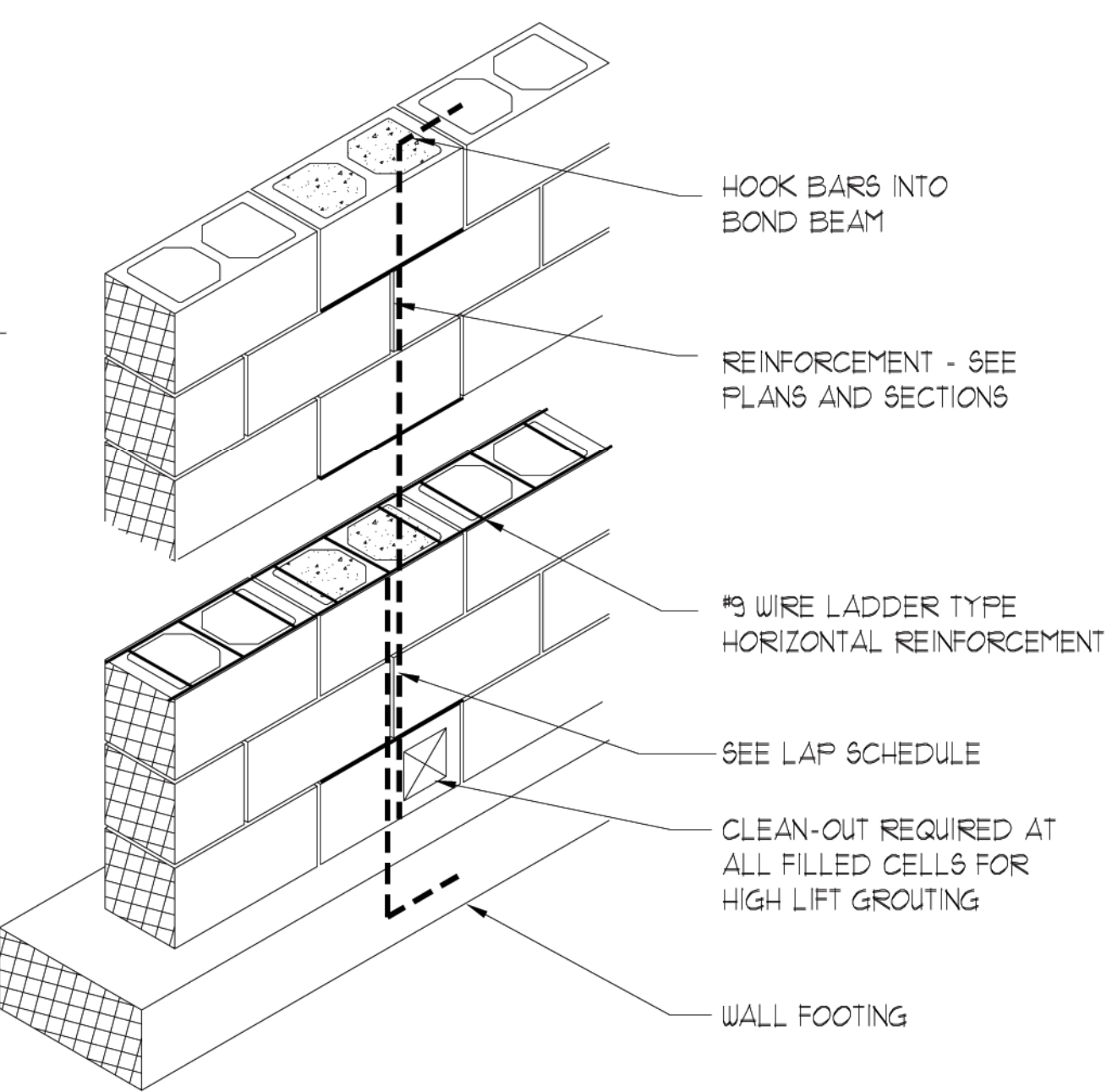


NON-BRG. TO BRG. WALL

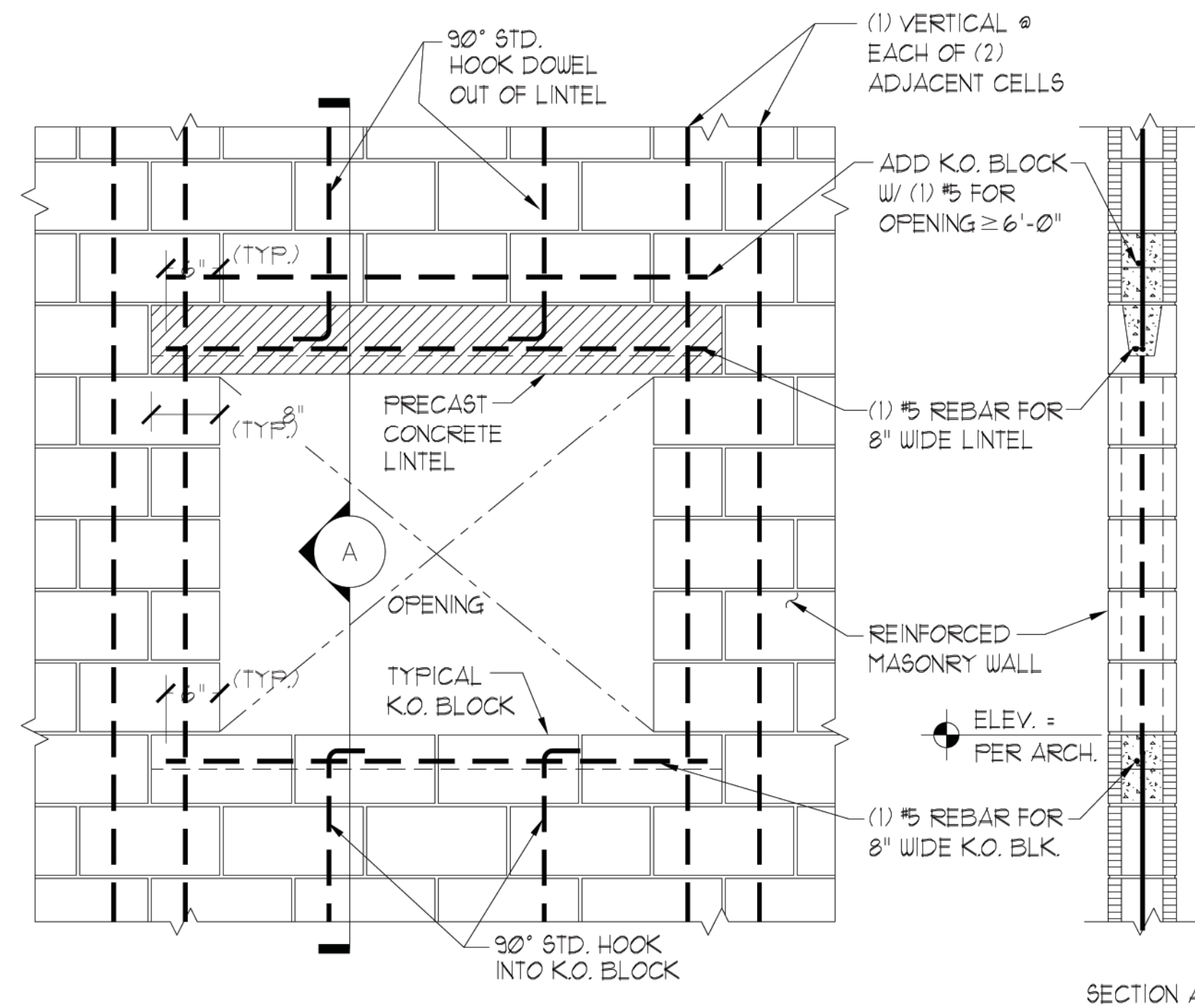


BRG. TO BRG. OR NON-BRG. TO NON-BRG.

TYP. WALL INTERSECTIONS



WALL REINFORCING

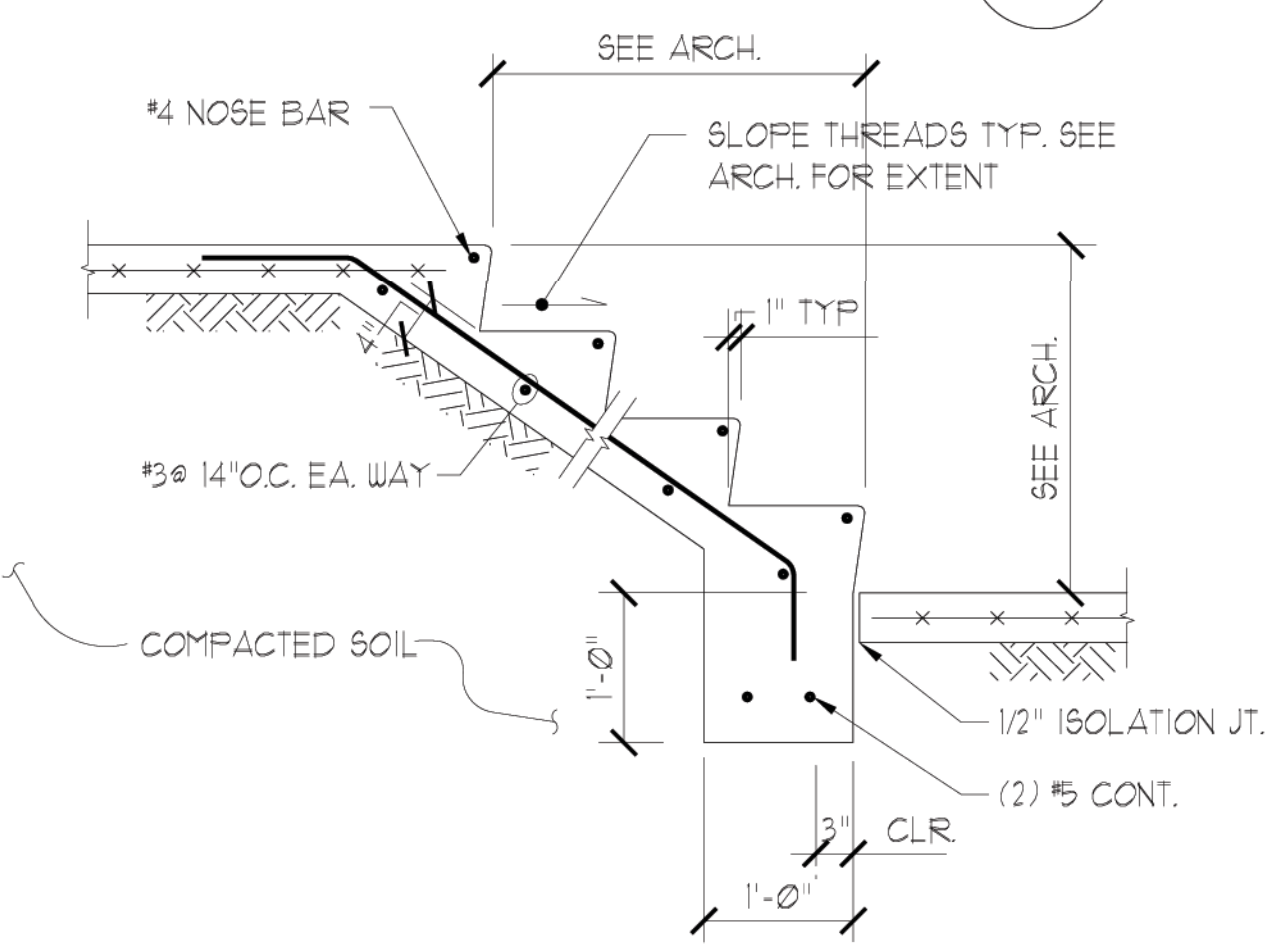


TYPICAL CONCRETE LINTEL REINFORCING DETAIL

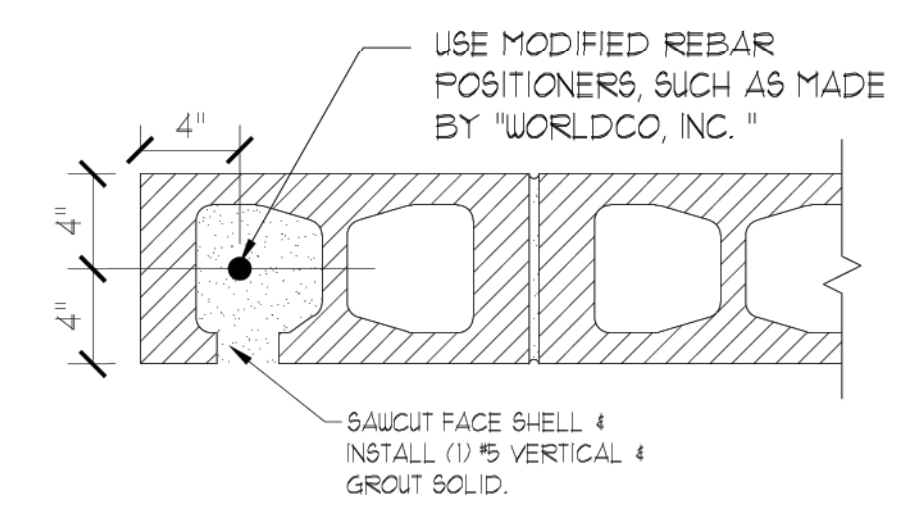
8" LINTEL SAFE LOAD TABLE
FOR 8"x8" HIGH-STRENGTH CASTORETE PRECAST-PRESTRESSED U LINTELS

LENGTH	UNIFORM SAFE LOAD - POUNDS PER LINEAR FOOT	
	W/O K.O. BLOCK	W/ K.O. BLOCK
4'-0" (48") PRECAST	2,693 LBS.	6,113 LBS.
4'-6" (54") PRECAST	2,189 LBS.	6,113 LBS.
5'-10" (70") PRECAST	1,451 LBS.	4,360 LBS.
7'-6" (90") PRECAST	1,011 LBS.	2,661 LBS.
9'-4" (112") PRECAST	752 LBS.	1,843 LBS.
10'-6" (126") PRECAST	643 LBS.	1,533 LBS.
11'-4" (136") PRECAST	582 LBS.	1,366 LBS.
12'-0" (144") PRECAST	540 LBS.	1,254 LBS.
14'-0" (168") PRECAST	442 LBS.	1,002 LBS.
17'-4" (208") PRESTRESSED	300 LBS.	950 LBS.
19'-4" (232") PRESTRESSED	235 LBS.	750 LBS.

NOTE:
1. W/O K.O. BLOCK DESIGNATION REPRESENTS AN 8"x8" FULLY GROUTED CASTORETE LINTEL WITH (1) #5 CONT. BOTTOM REINF.
2. W/ K.O. BLOCK DESIGNATION REPRESENTS A 16" NOMINAL DEPTH FULLY GROUTED COMPOSITE LINTEL WITH (1) #5 CONT. TOP REINF. IN THE K.O. BEAM AND (1) #5 CONT. BOTTOM IN CASTORETE LINTEL.
3. PROVIDE CASTORETE PRECAST CONCRETE LINTELS OVER ALL MASONRY OPENINGS GREATER THAN 12" USE RECESSED LINTELS WHERE REQUIRED BY ARCHITECTURAL DRAWINGS. PROVIDE MINIMUM 8" BEARING EACH SIDE OF OPENINGS AND KNOCKOUT BOTTOM OF LINTEL FOR MASONRY / CONCRETE COLUMN REINFORCING TO CONTINUE. SUBMIT LINTEL MANUFACTURER'S LOAD CAPACITY TABLE WITH LINTEL SHOP DRAWINGS.

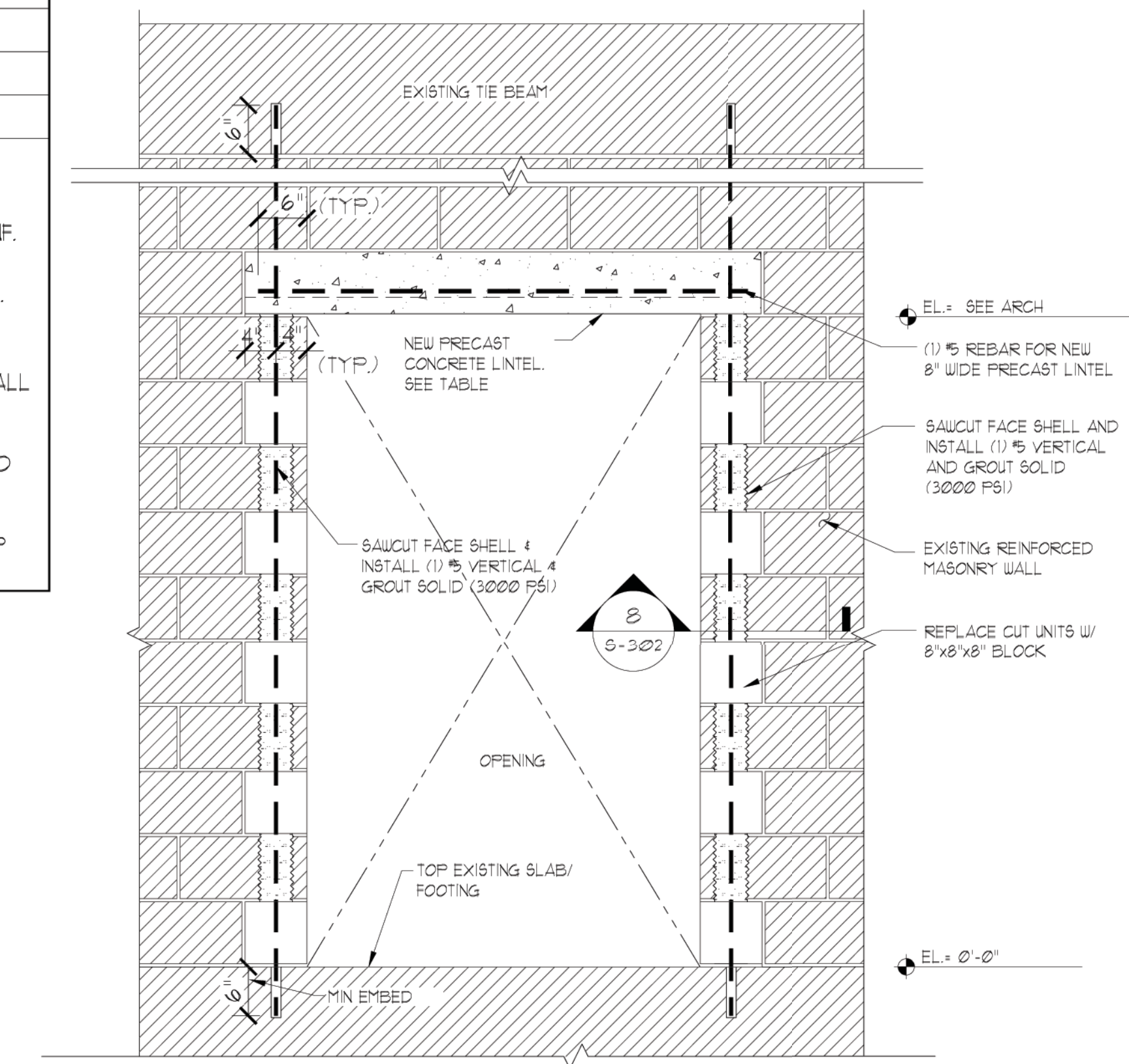


CONCRETE STEPS



DETAIL

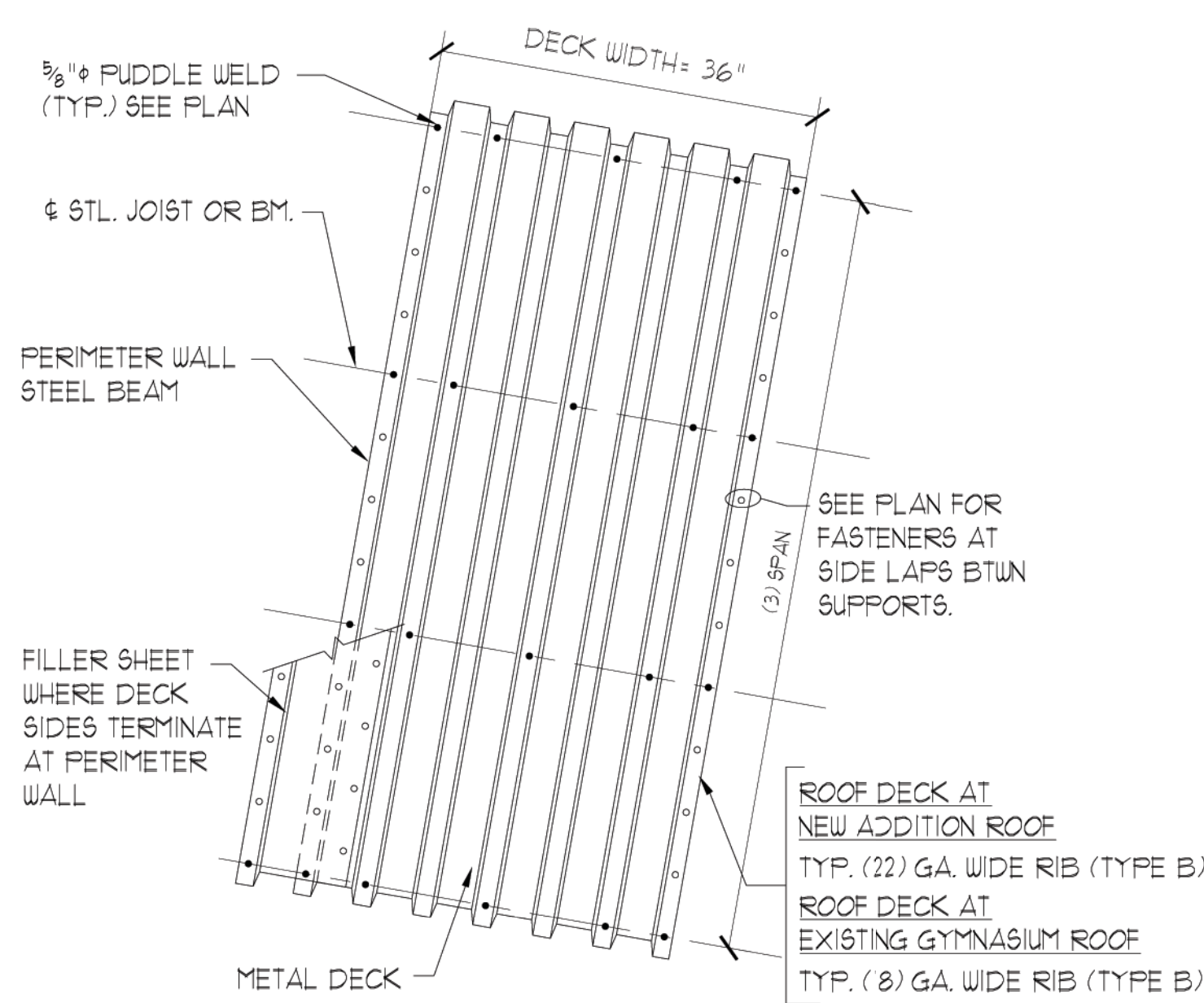
SCALE: 1/2" = 1'-0"



TYPICAL NEW DOOR OPENING REINFORCING DETAIL

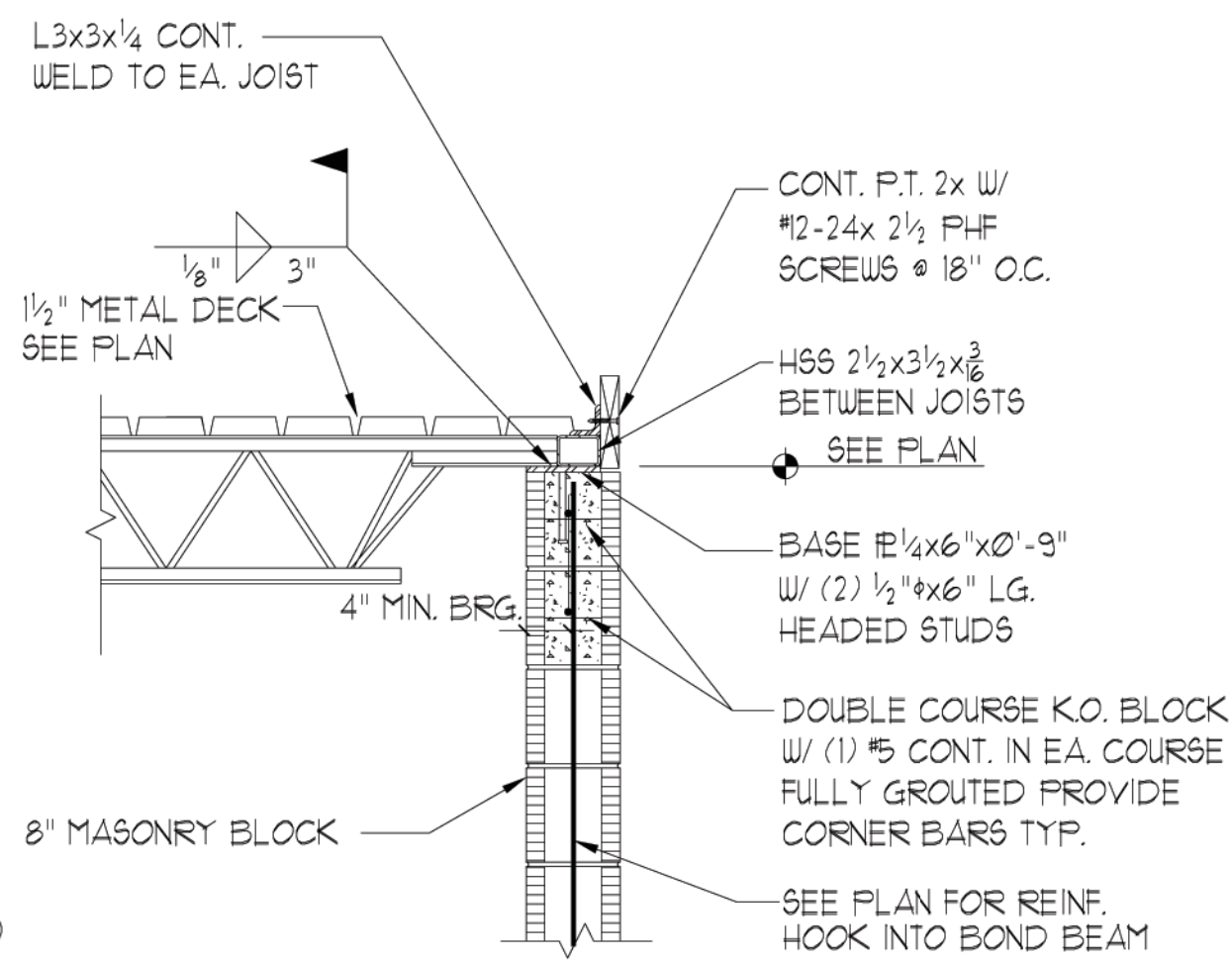


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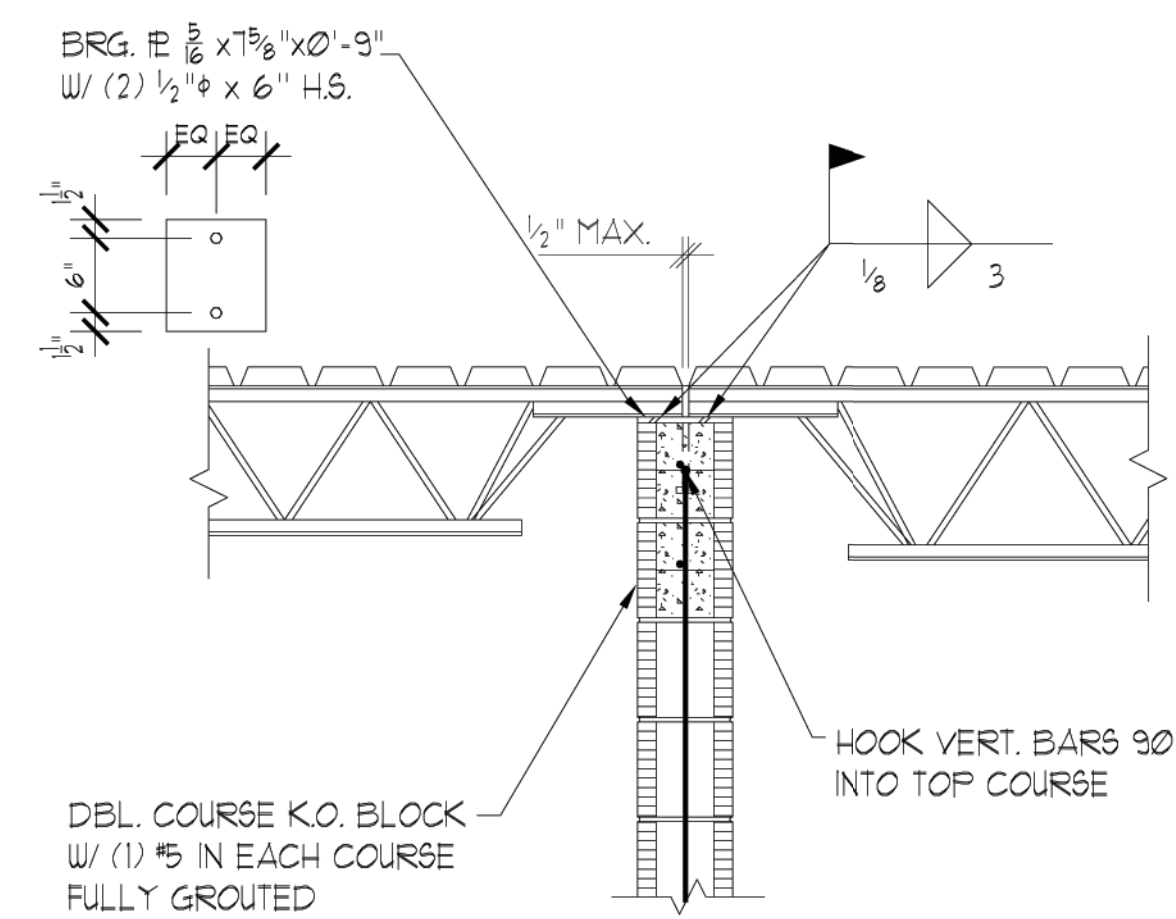


**METAL ROOF DECK
ATTACHMENT**

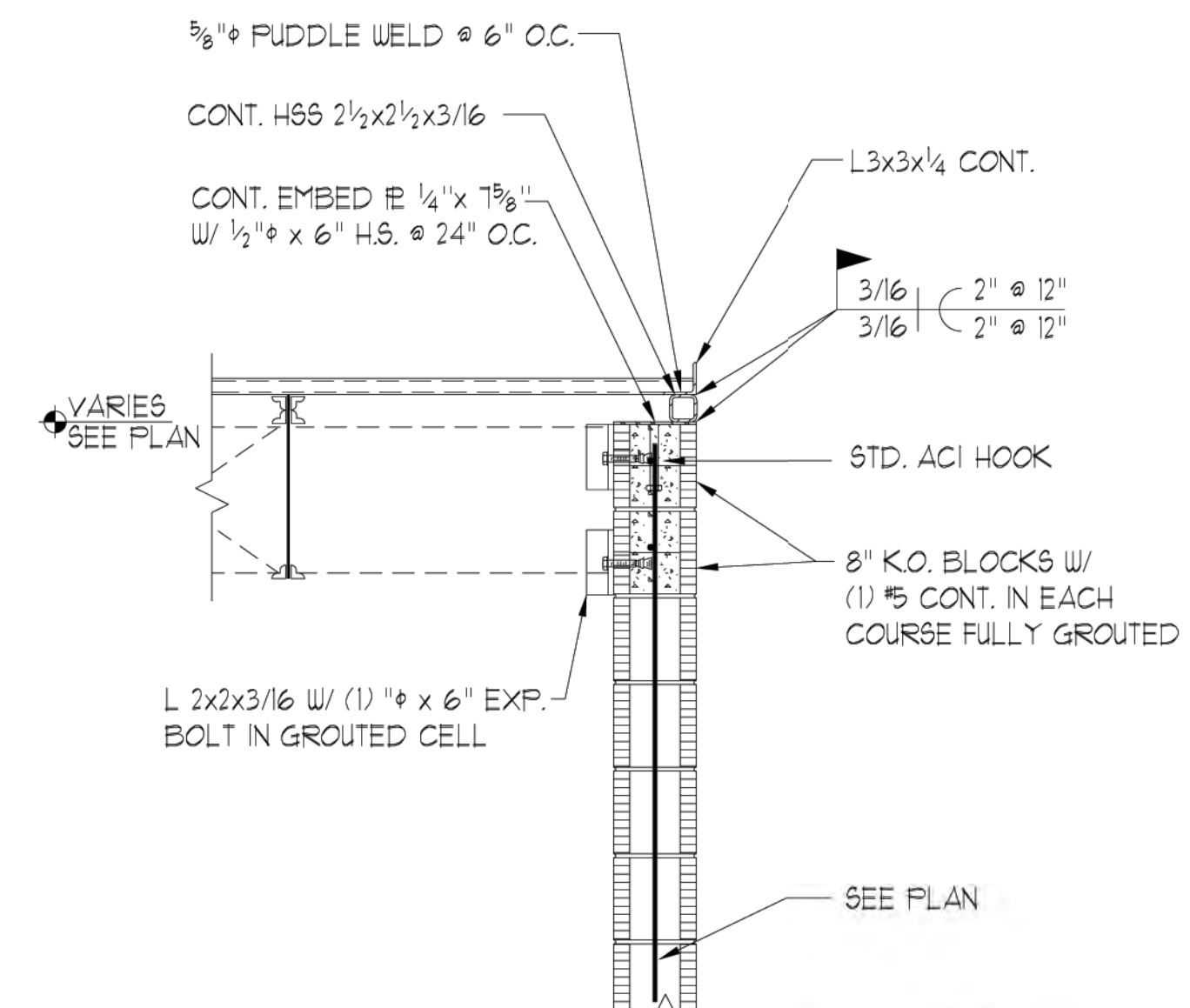
WHEN DECK STARTER SHEET LOW LIP IS WELDED TO PERIMETER AT 1'-0" O.C. STEEL FILLER SHEET IS NOT REQUIRED.



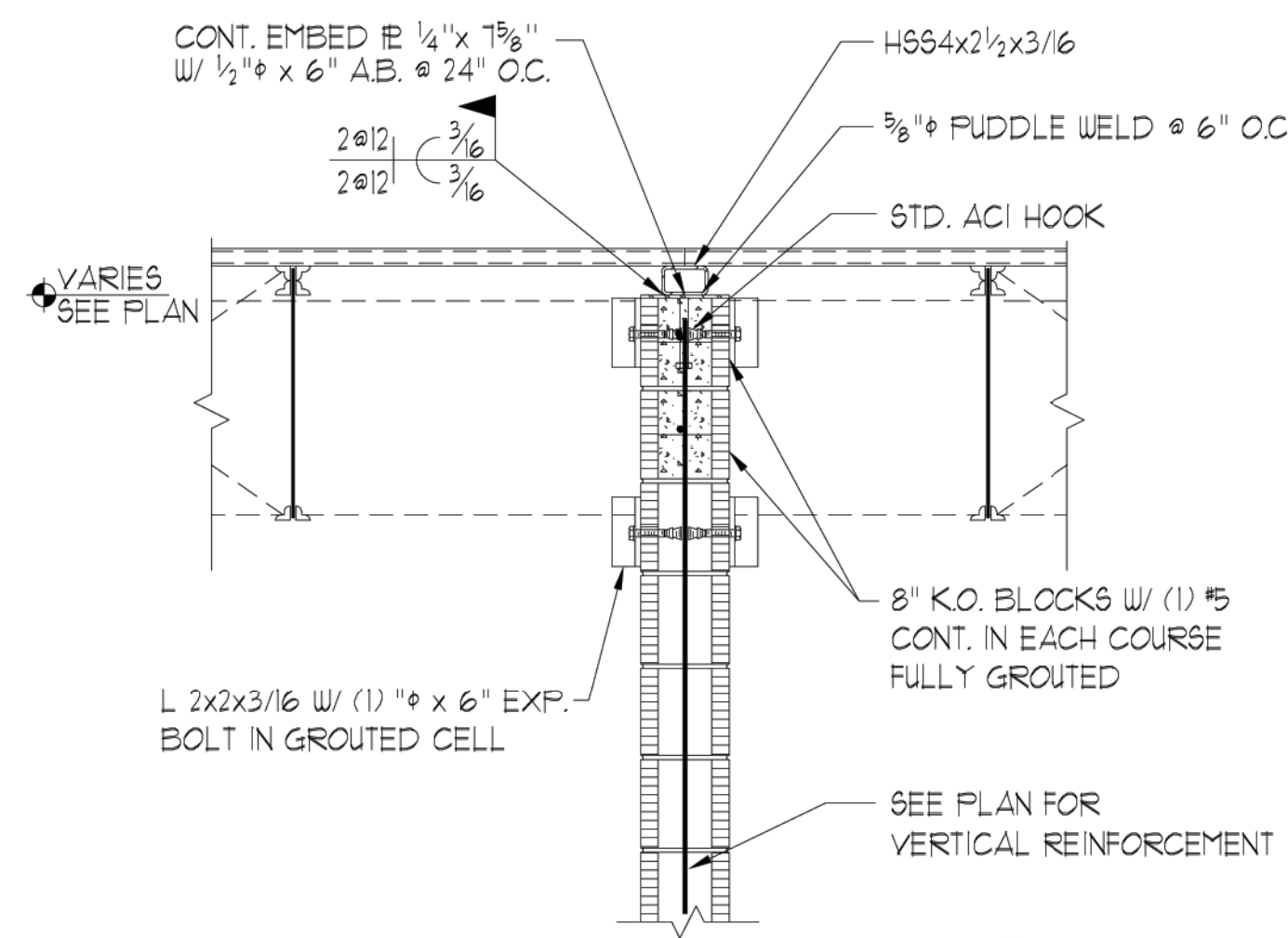
JOIST BEARING



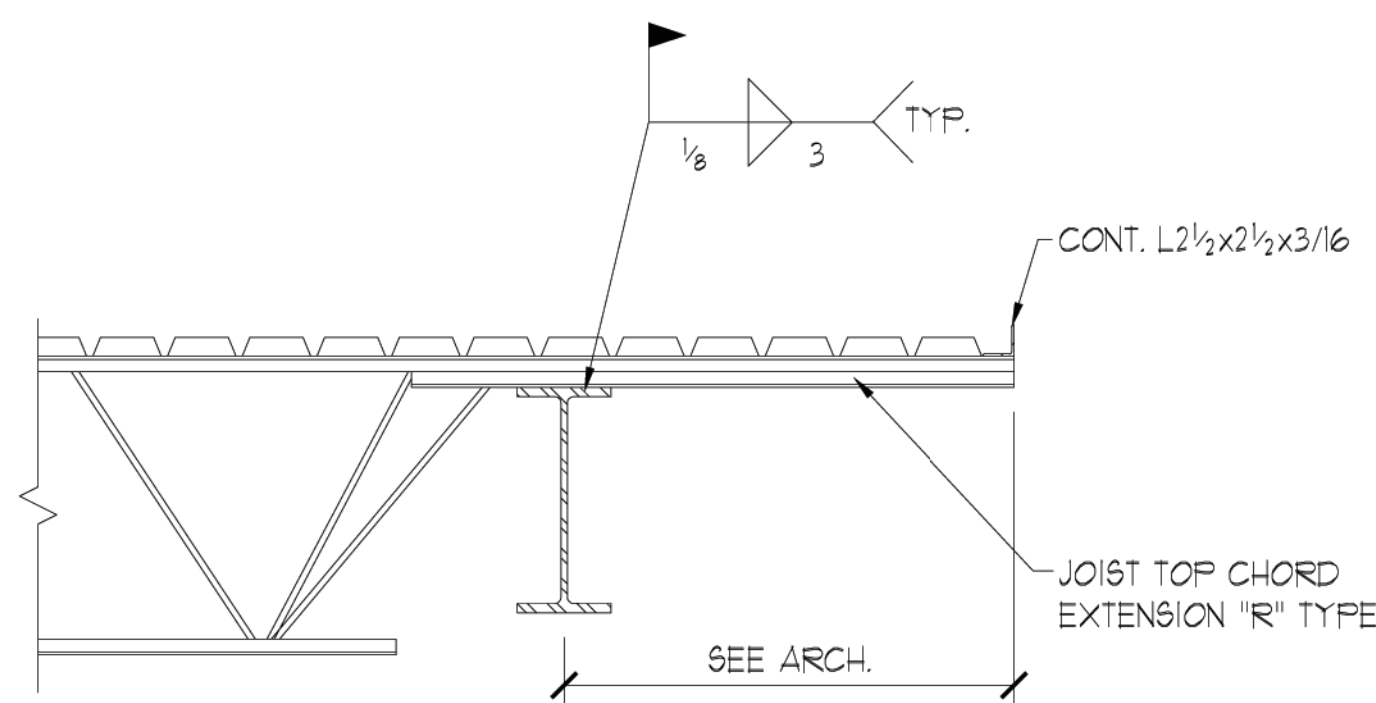
K JOIST BEARING



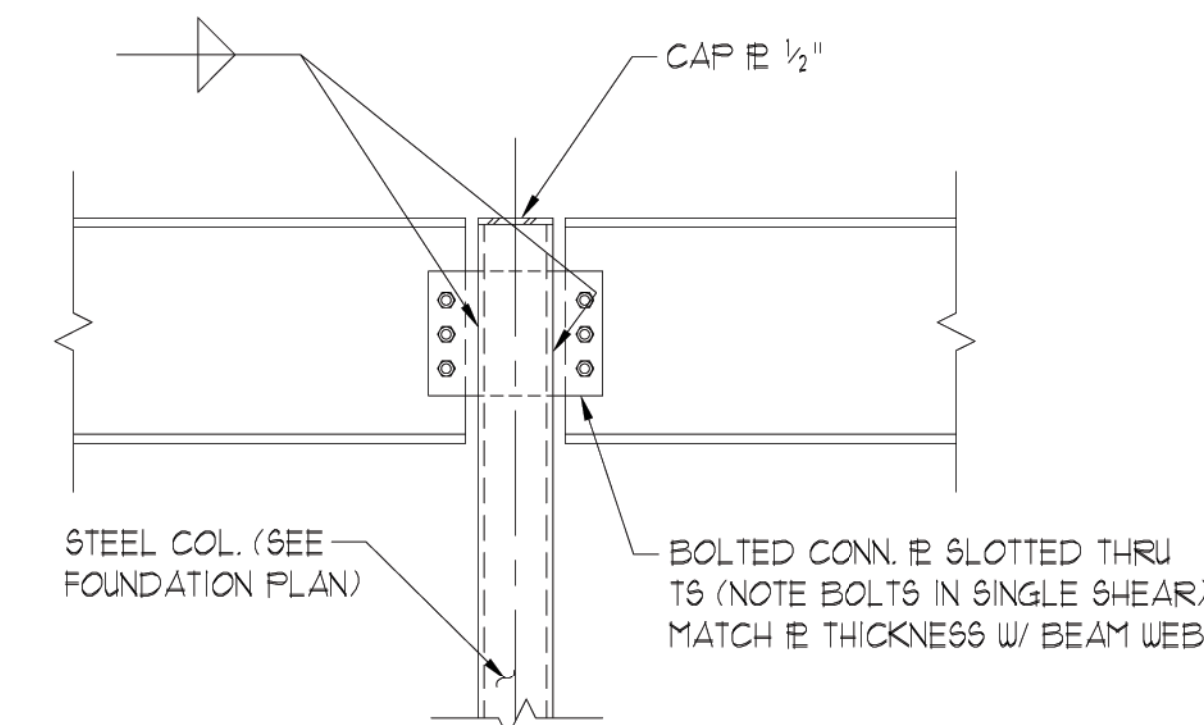
DECK BEARING



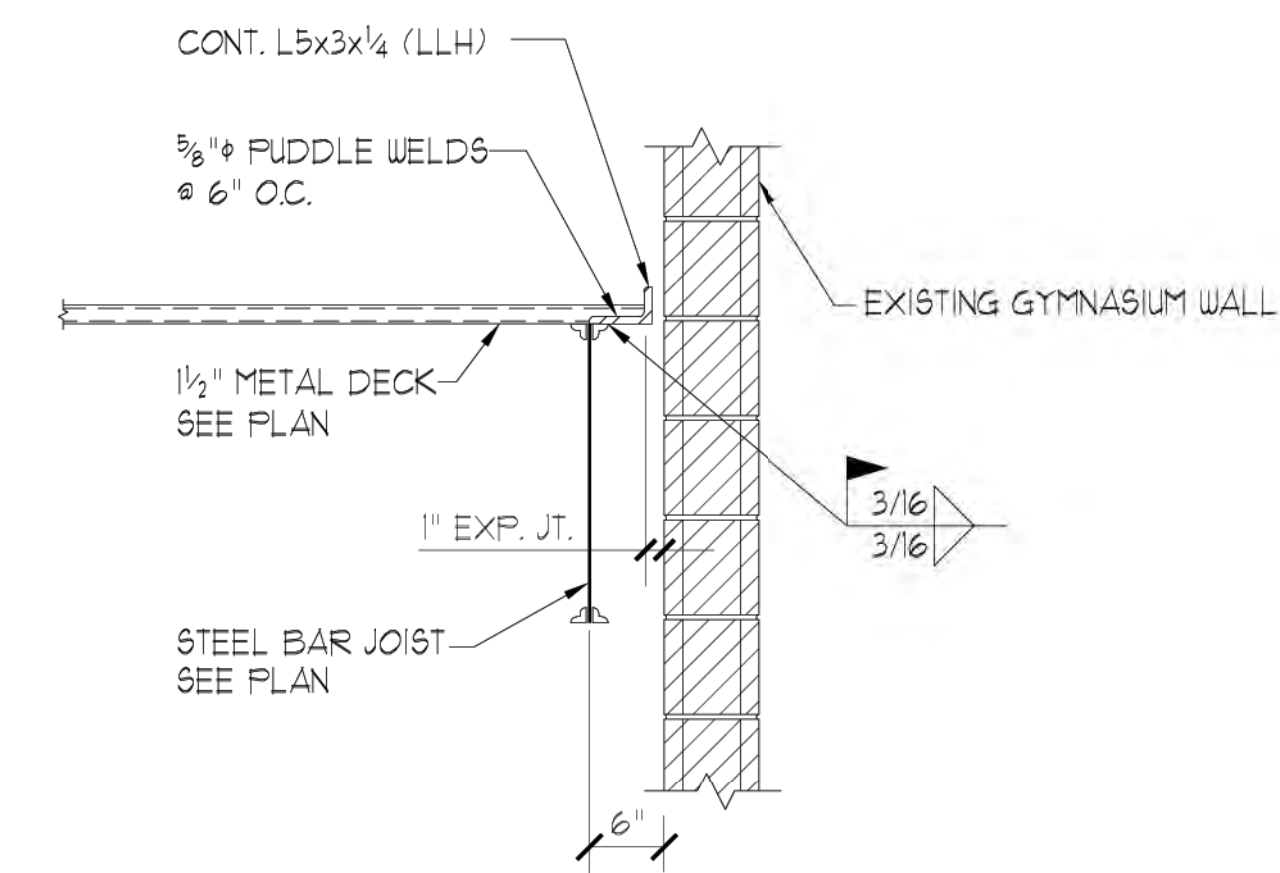
DECK BEARING



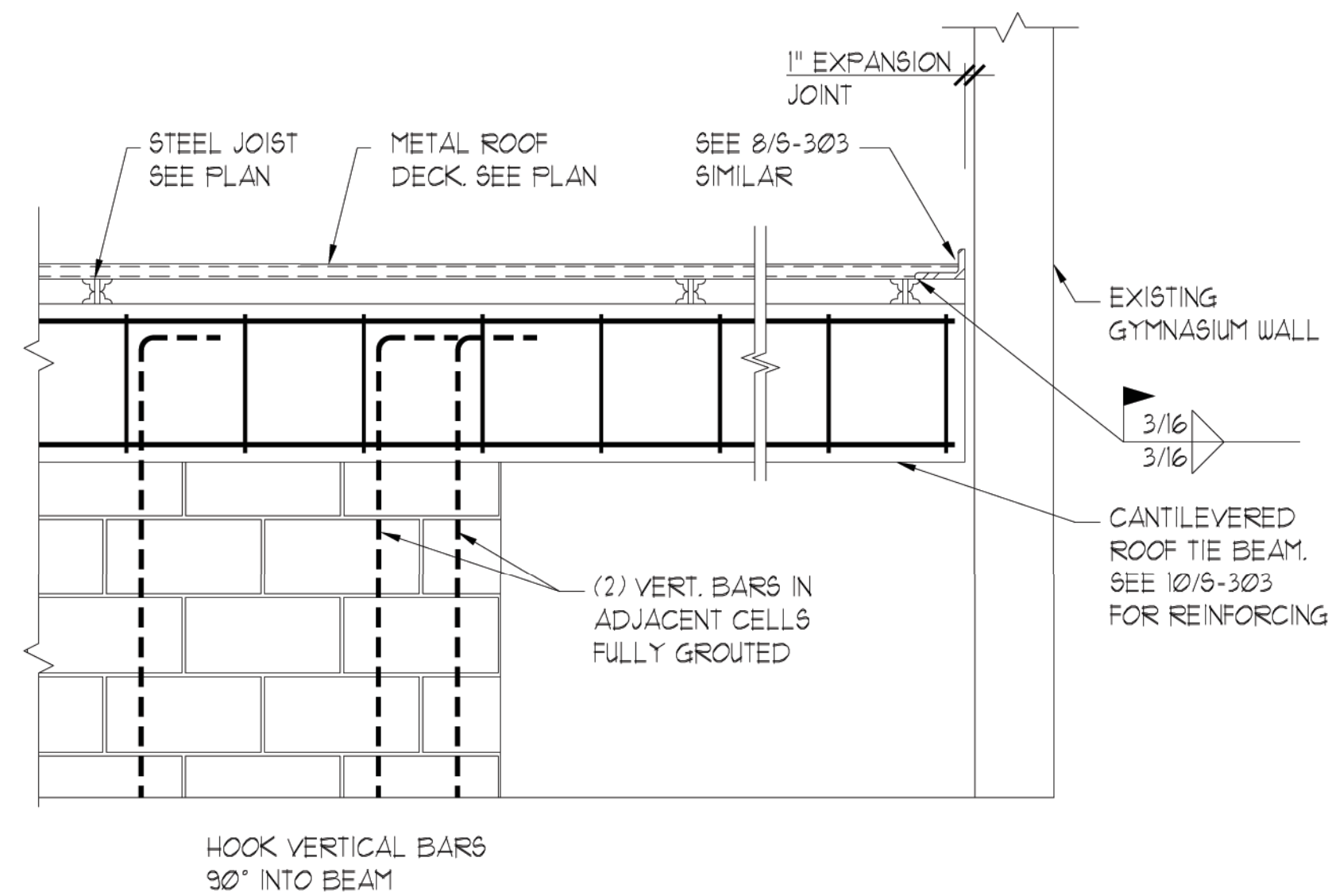
**JOIST BEARING AT
STEEL BEAM**



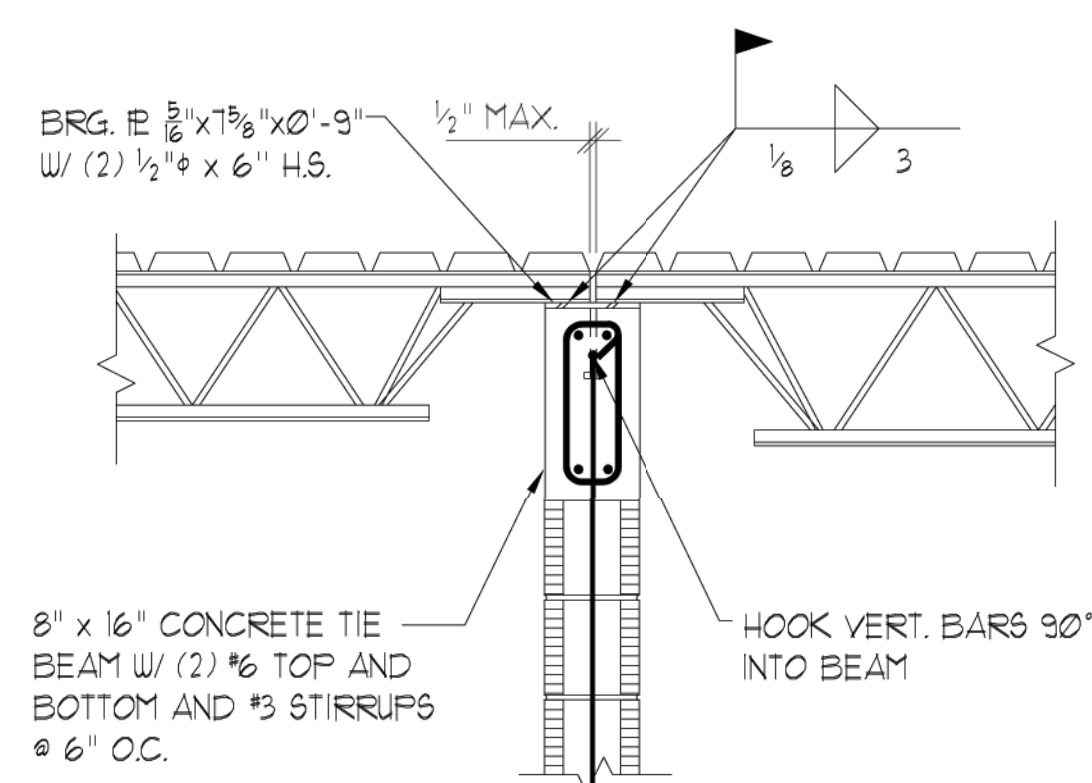
**BEAM-COLUMN
CONNECTION**



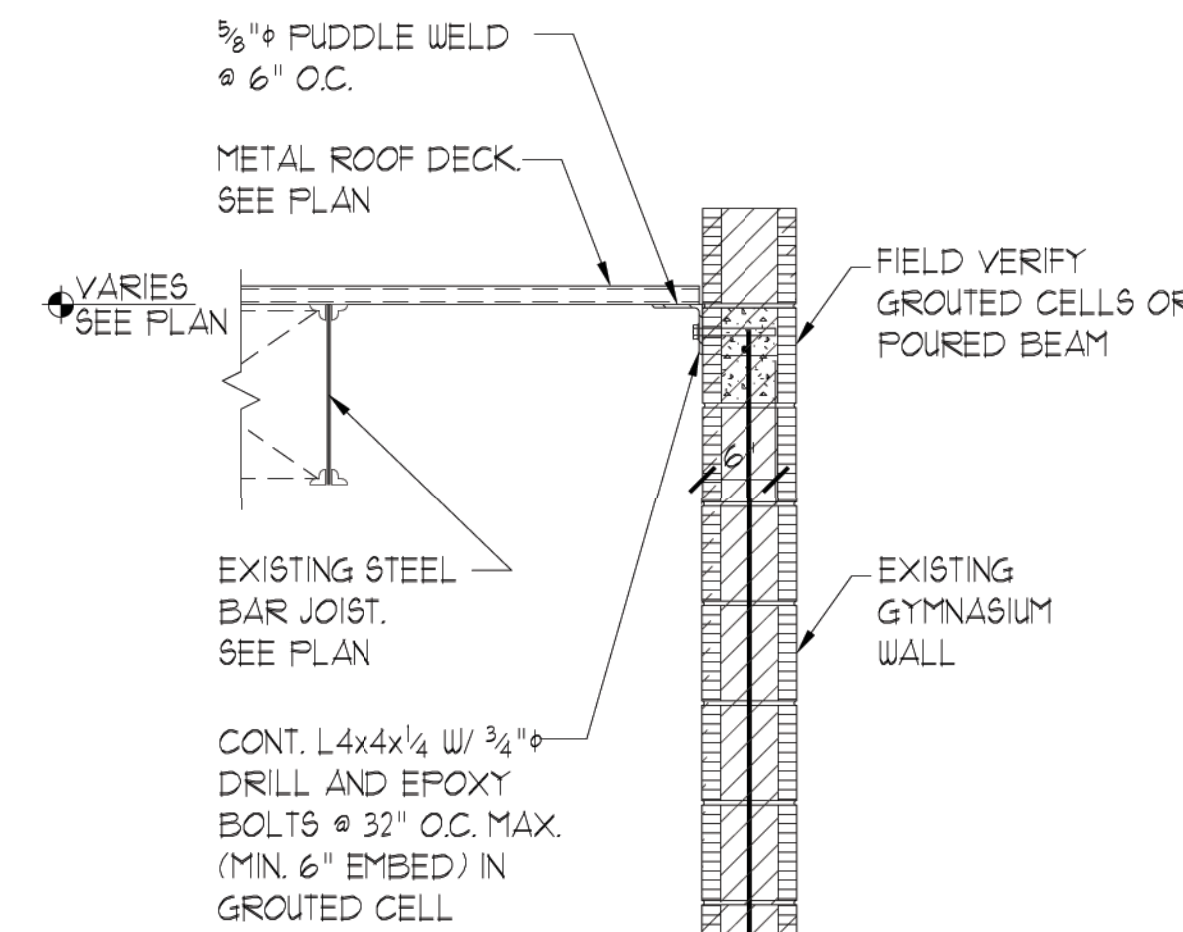
EXPANSION JOINT



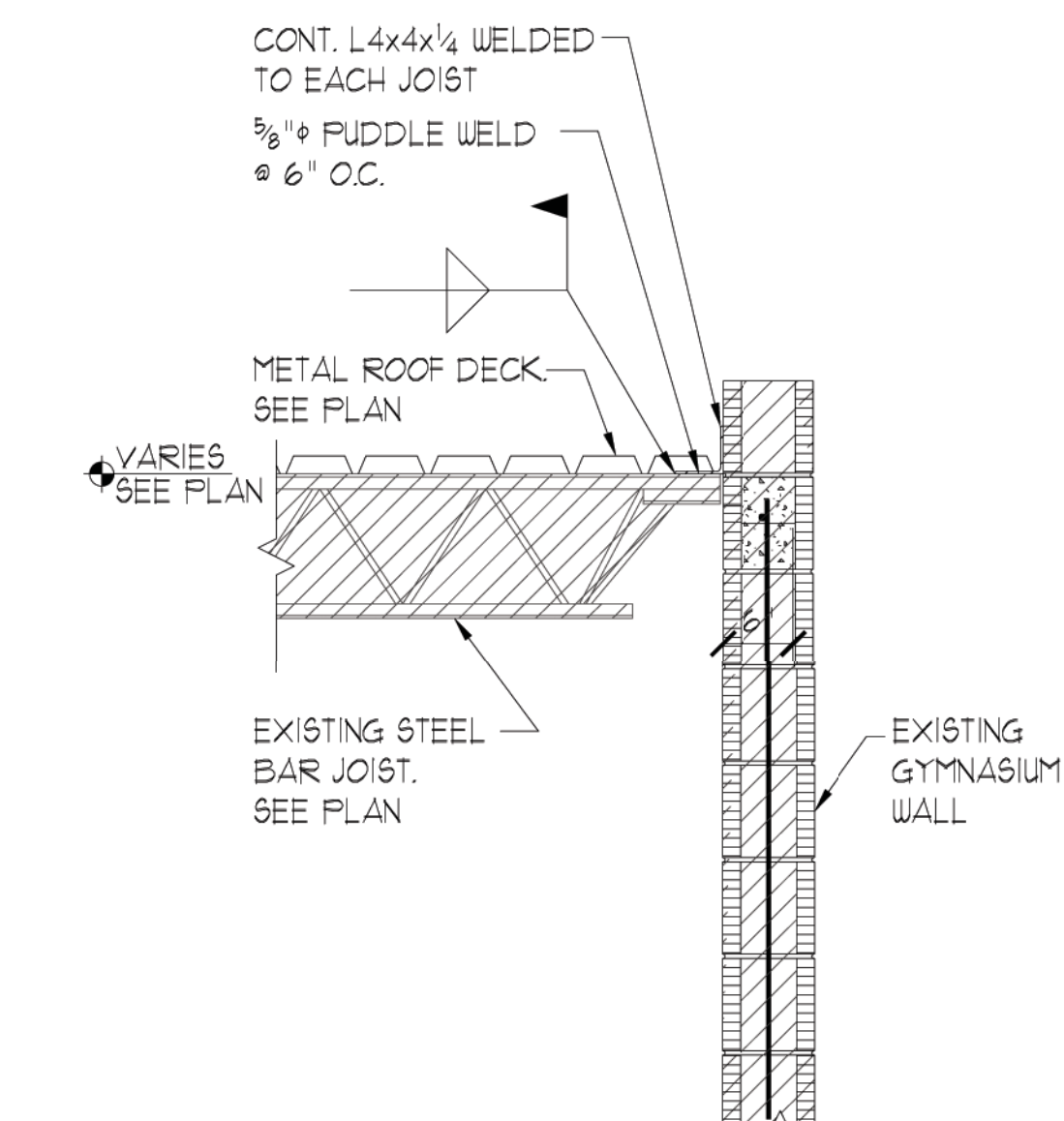
**CANTILEVERED
ROOF TIE BEAM**



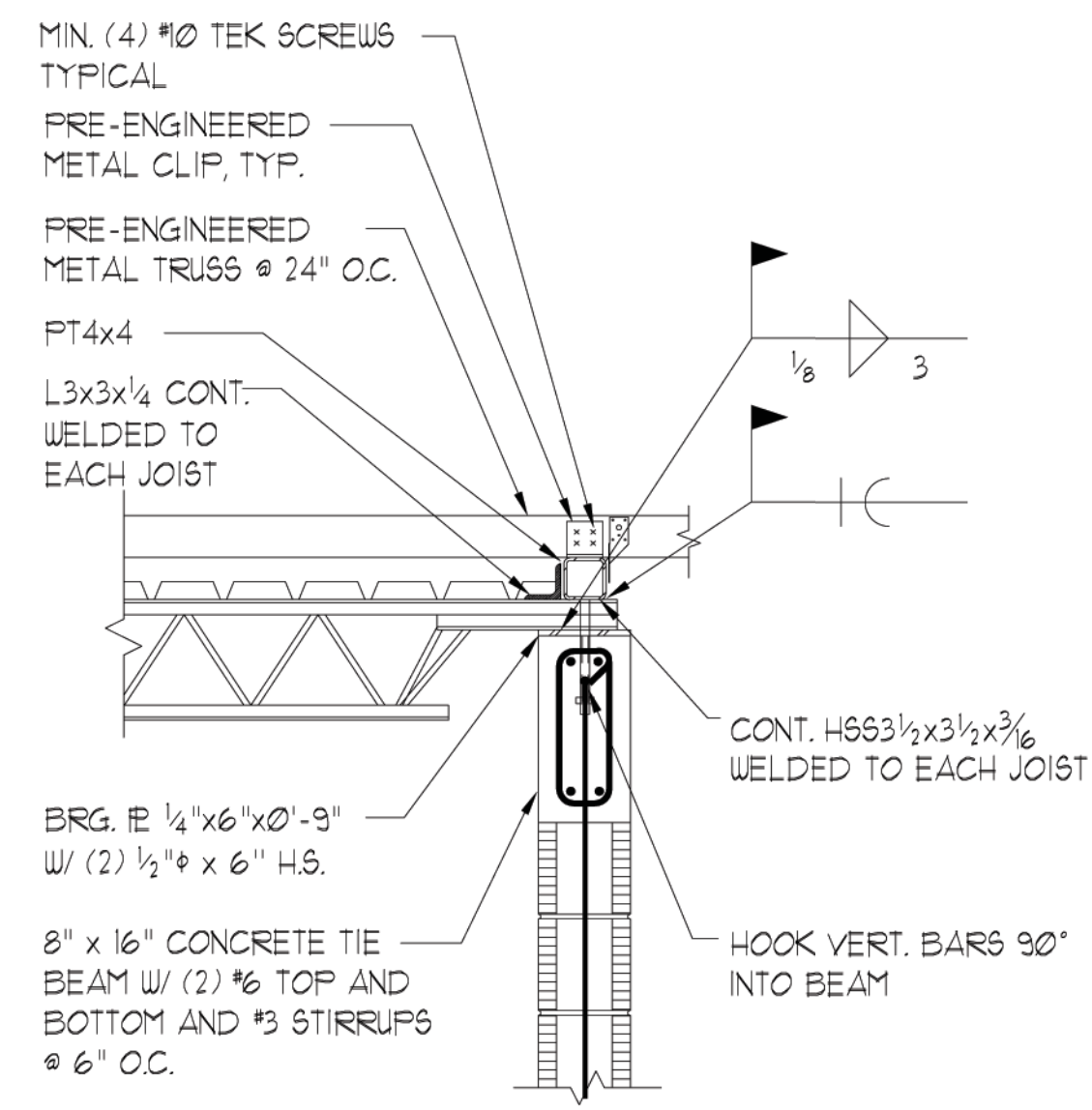
K JOIST BEARING



NEW DECK EDGE ANGLE

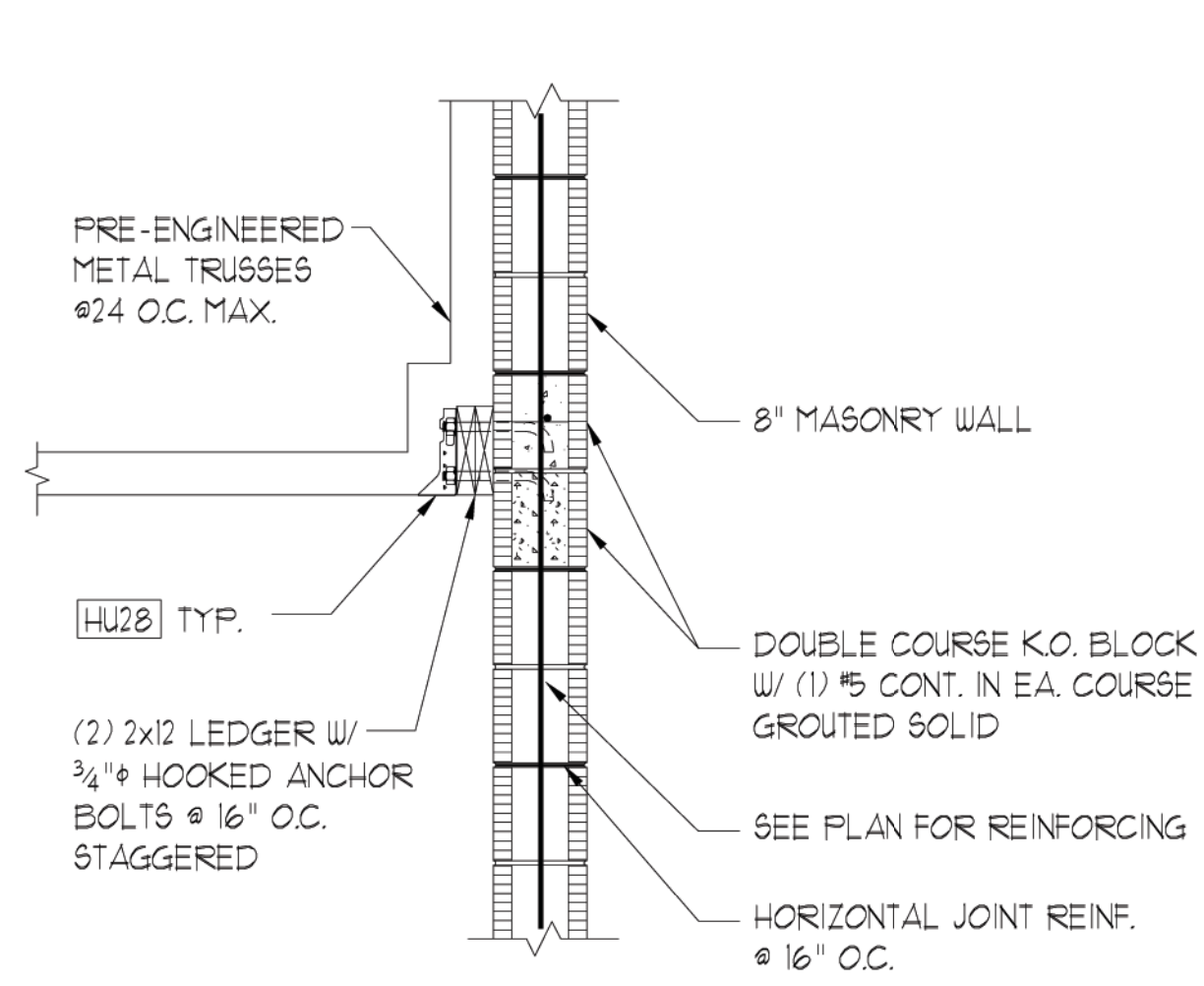


NEW DECK EDGE ANGLE



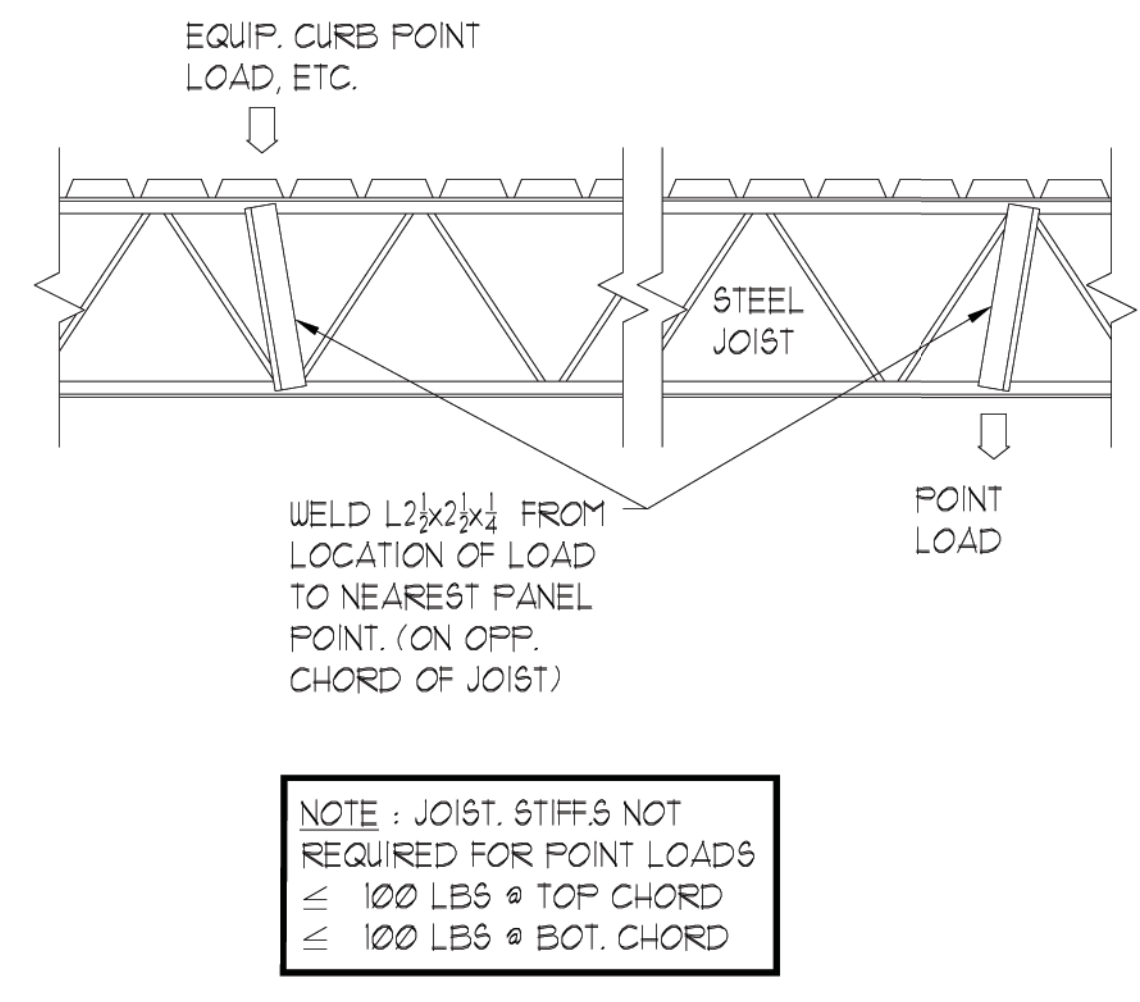
METAL TRUSS SUPPORT DETAIL

1



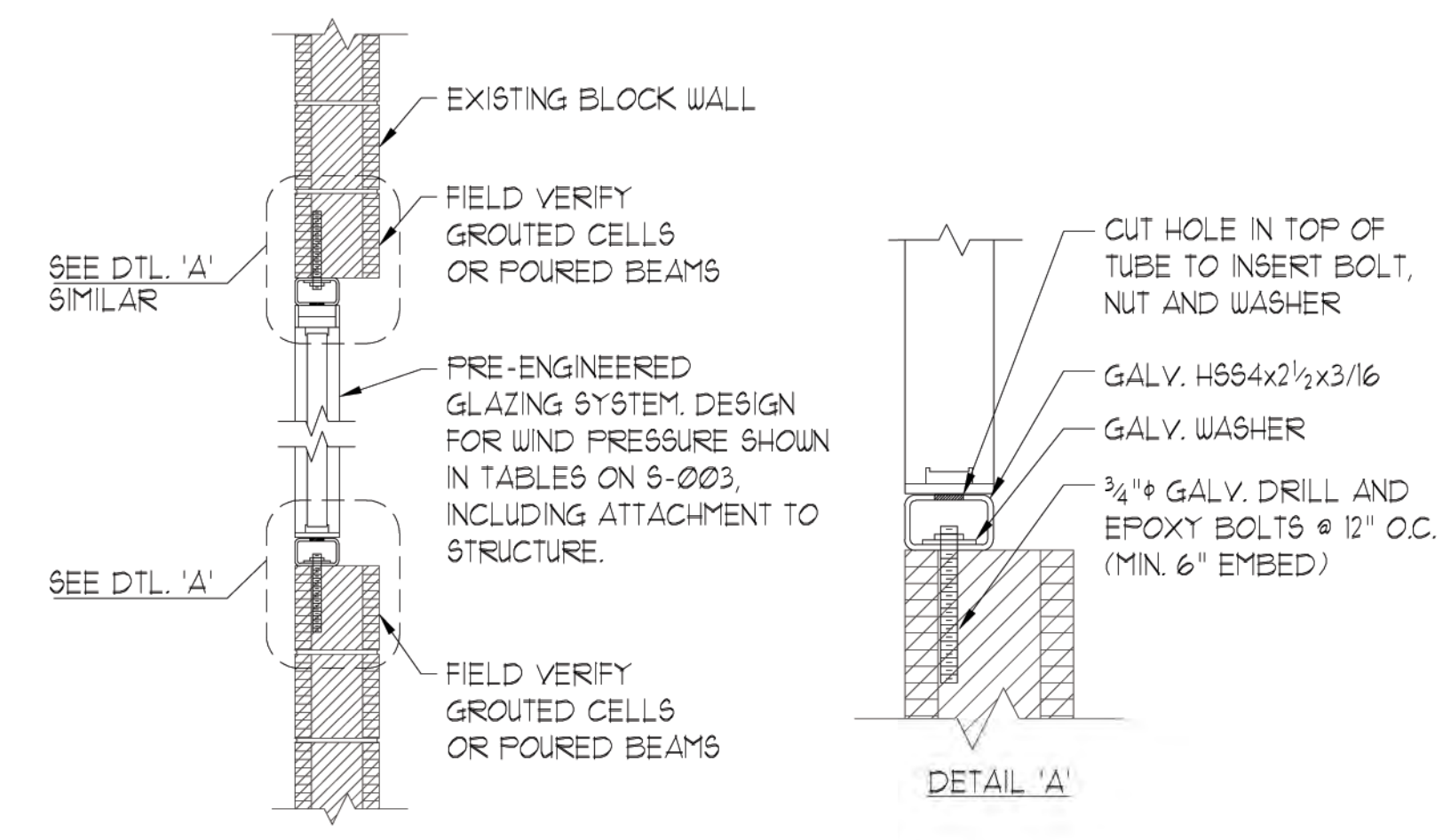
JOIST BEARING AT METAL TRUSSES

2



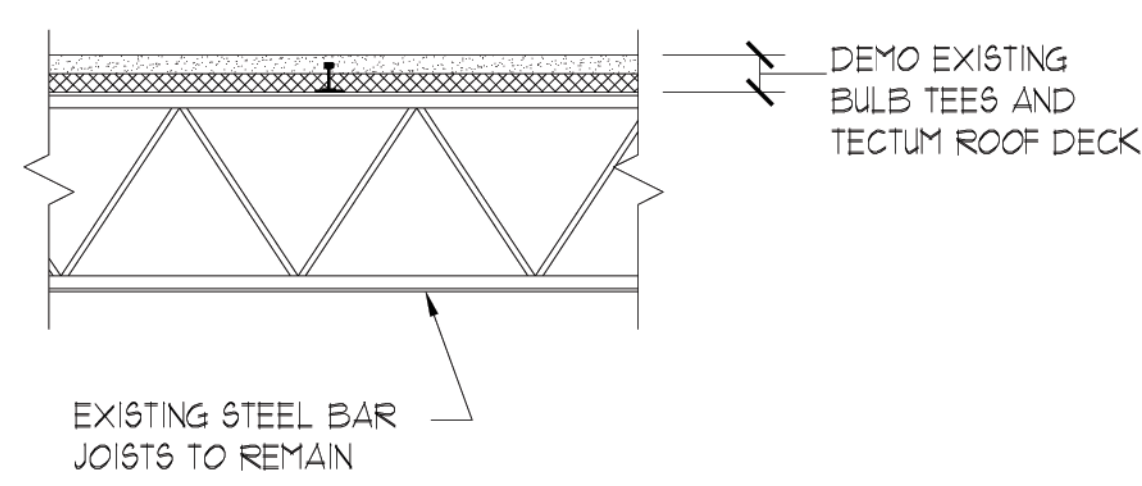
JOIST STIFFENER

3



WINDOW JAMB DETAIL

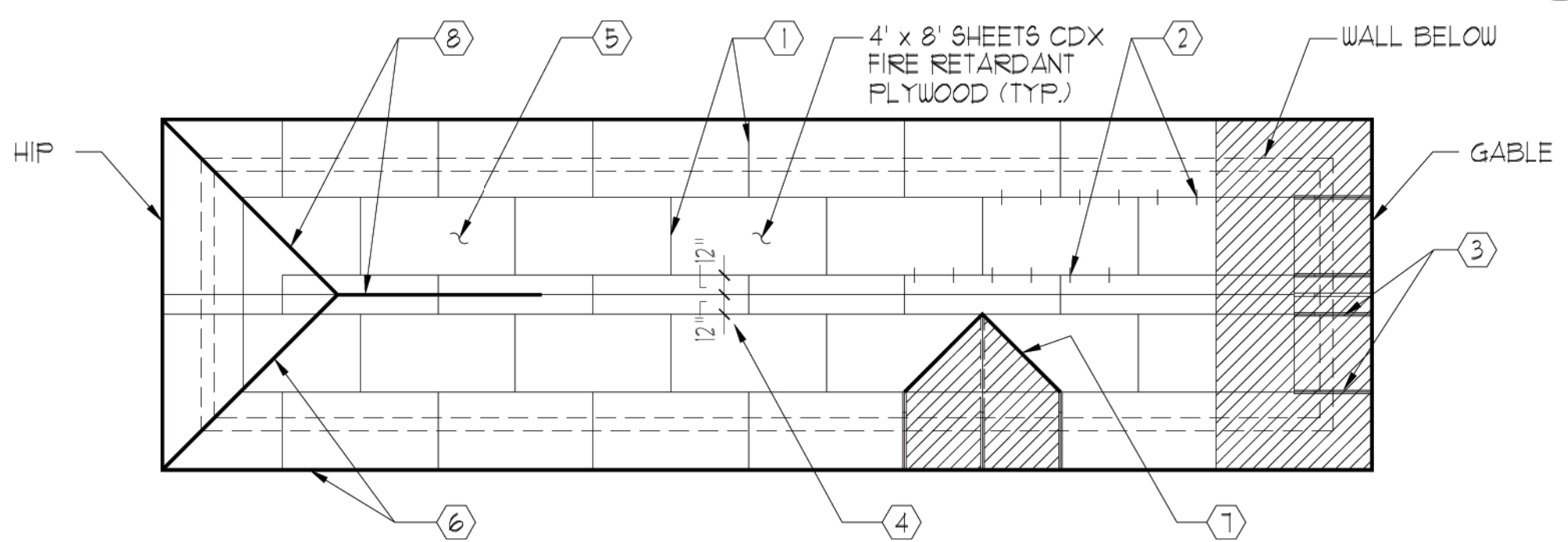
4



- NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING DURING DEMOLITION OF EXISTING ROOF AND INSTALLATION OF NEW ROOF SYSTEM.
 - GRIND OFF WELDS CONNECTING THE BULB TEES TO THE EXISTING JOISTS
 - USE CAUTION NOT TO DAMAGE THE EXISTING JOISTS.
 - IF EXISTING JOISTS ARE DAMAGED DURING THE REMOVAL OF THE BULB TEES, CONTACT MCCARTHY AND ASSOCIATES IMMEDIATELY FOR DIRECTION.

EXISTING ROOF DEMOLITION

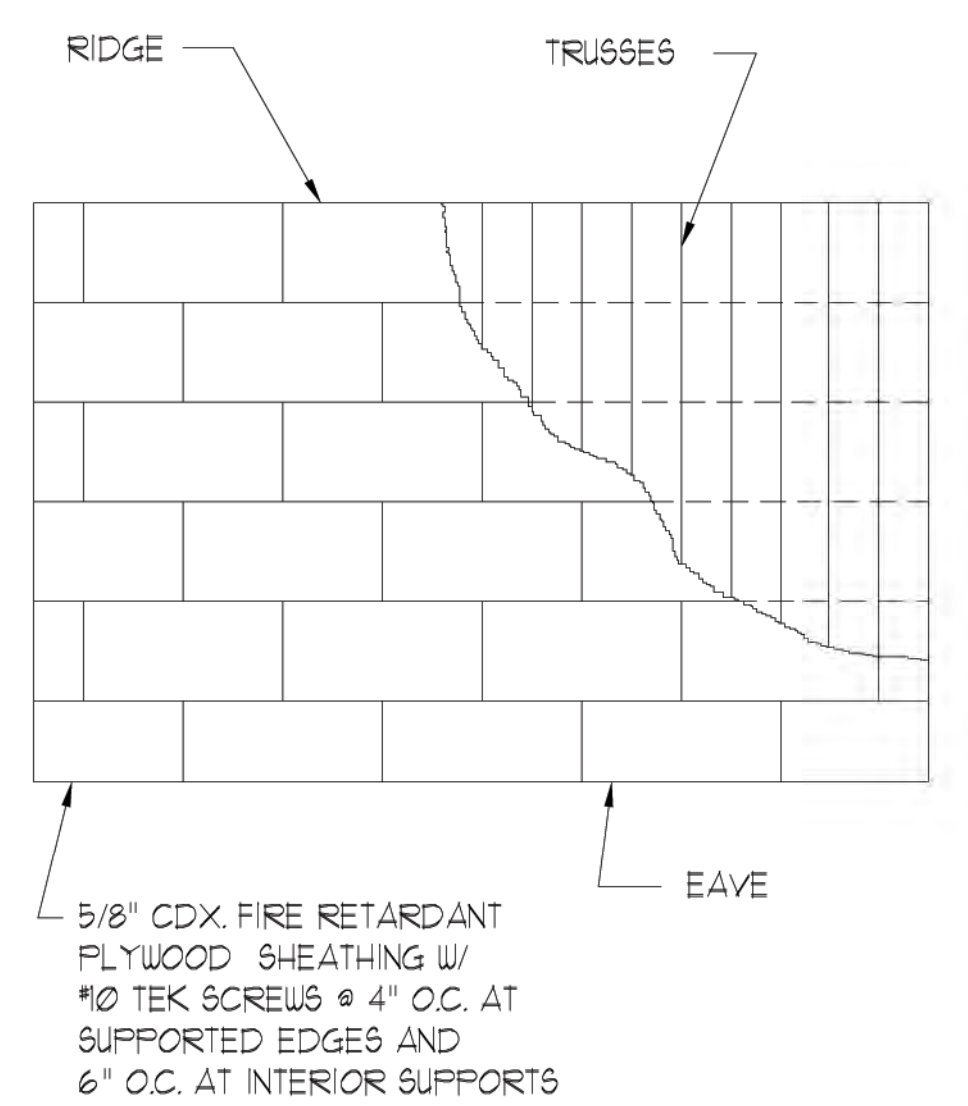
5



- STAGGER END JOINTS AT FRAMING MEMBER
- PROVIDE A HURRICANE CLIP AT EACH JOINT, BETWEEN EACH FRAMING MEMBER
- BLOCKING AT EACH JOINT, IN END ZONE
- MINIMUM PLYWOOD WIDTH 12" - SEE ARCHITECT FOR RIDGE VENTS
- 5/8" OR GREATER PLYWOOD - #10 TEK SCREWS @ 4" O.C. EDGES AND 6" O.C. INTERMEDIATE
- #10 TEK SCREWS @ 6" O.C. AT HIP AND SUBFASCIA, BETWEEN EACH FRAMING MEMBER
- #10 TEK SCREWS @ 3" O.C. AT VALLEYS
- PROVIDE BEVELED SHIMS FOR PLYWOOD BEARING.

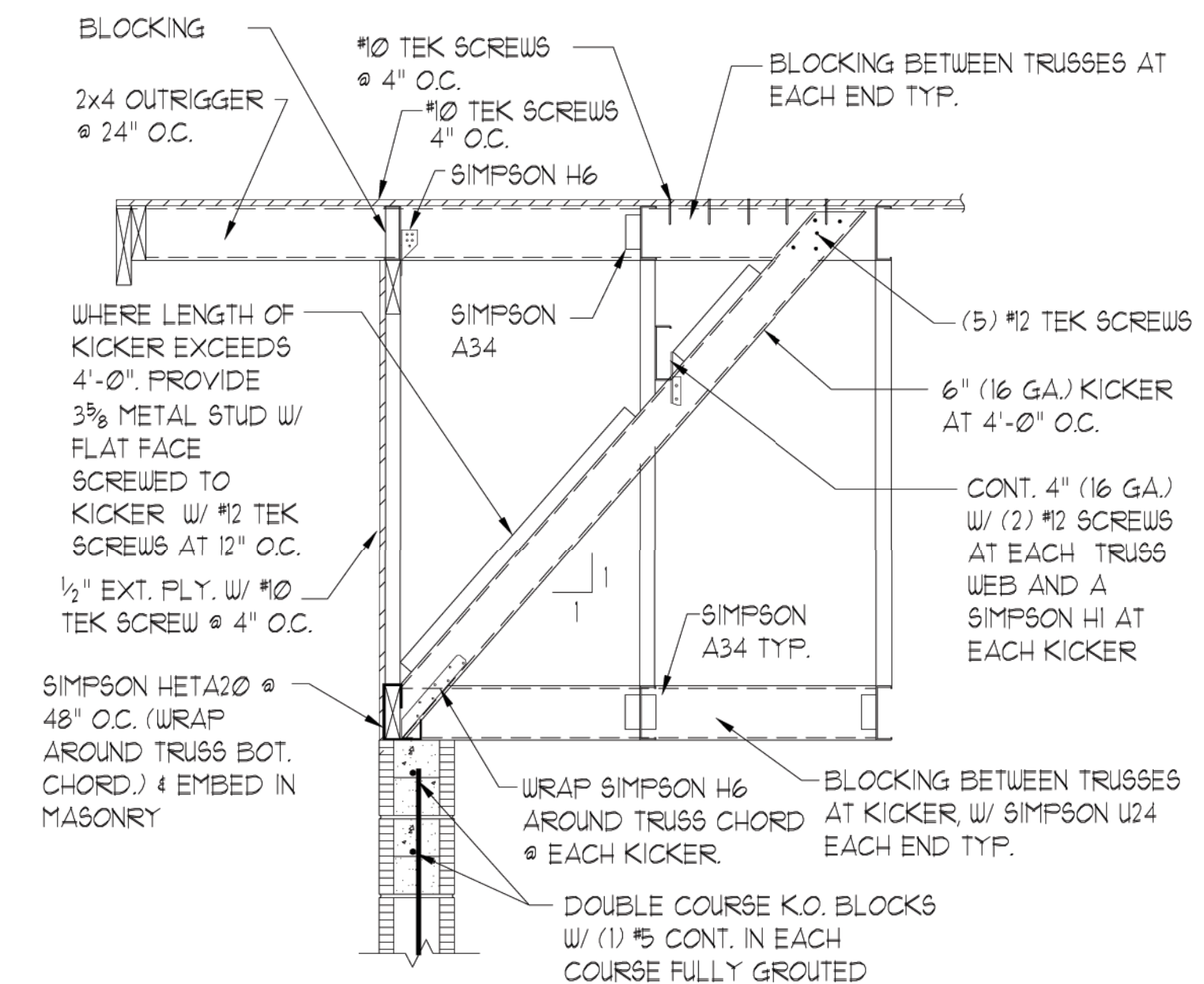
ROOF DIAGRAM ATTACHMENT SCHEDULE

6



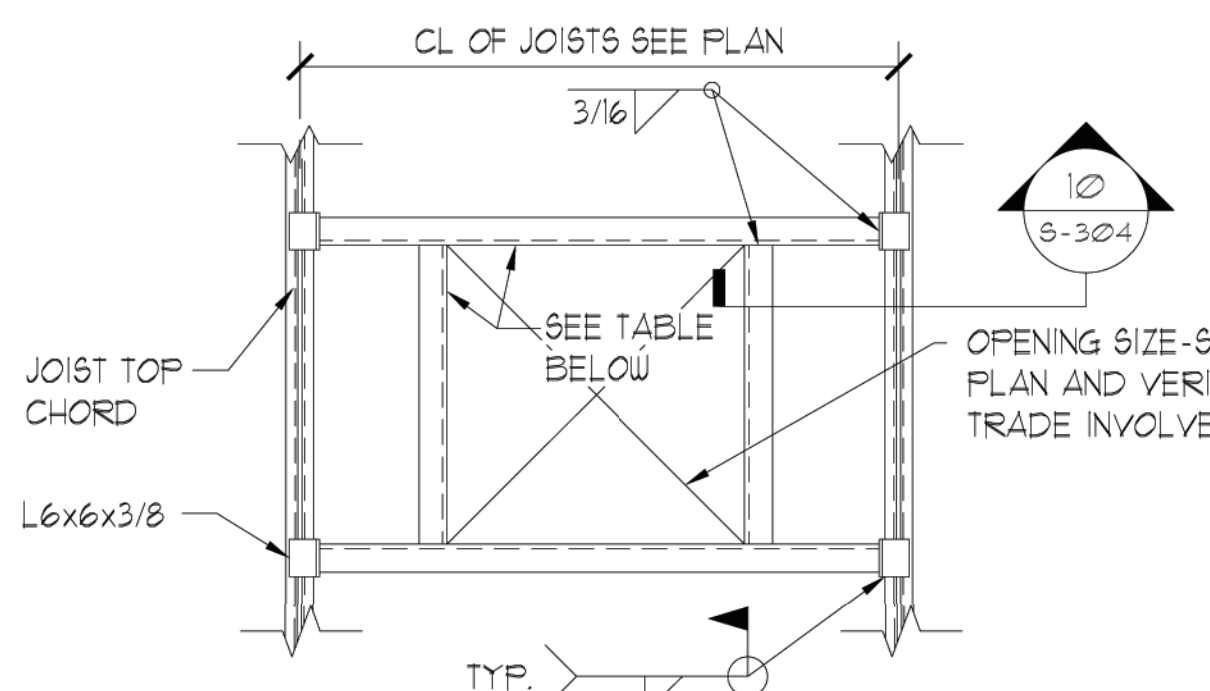
PLYWOOD ROOF DIAPHRAGM

7



TYPICAL SECTION AT GABLE END TRUSSES

8

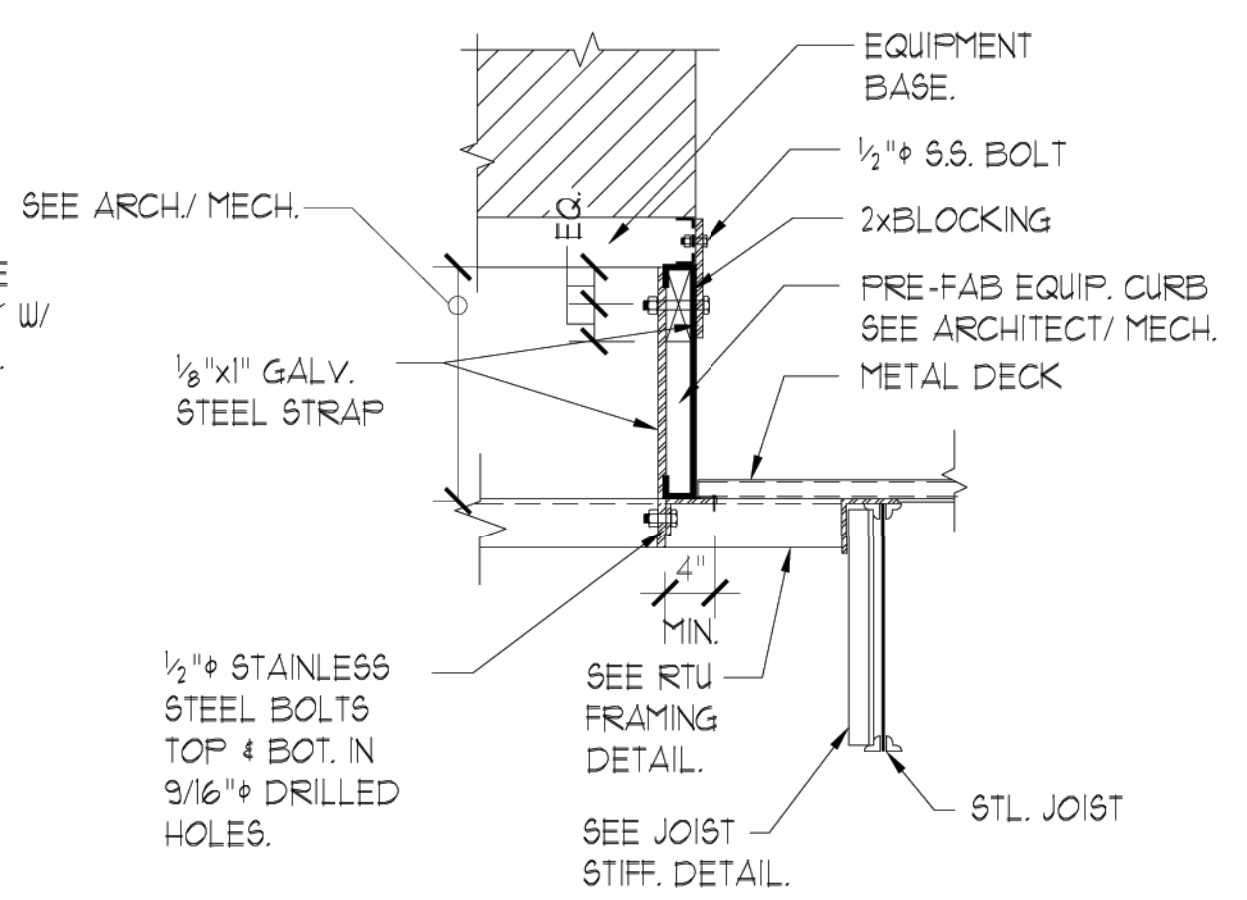


- LOCATE ANGLES BELOW ALL EQUIP. CURBS AND AROUND ALL ROOF OPENINGS.
- CONTRACTOR SHALL VERIFY LOCATION & SIZE OF OPENINGS PRIOR TO STEEL FABRICATION.
- FRAME IS REQ'D FOR OPENING 1'-0" & GREATER.

UNIT WEIGHT	ANGLE SIZE
0 - 675 lbs.	L4x3x1/4 L.L.V.
676 - 1500 lbs.	L4x3/2x5/16 L.L.V.
1501 - 3000 lbs.	L6x4x3/8 L.L.V.
3001 - 6000 lbs.	L6x6x3/8

RTU FRAMING

9



RTU HOLD-DOWN DETAIL

10



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McCarthy Project No. 13178

CLIENT / PROJECT NAME:
CITY OF KEY WEST
RENOVATION TO

FREDERICK DOUGLASS RECREATION CENTER

111 OLIVIA STREET
KEY WEST, FL 33040

BID SET

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:
ROOF FRAMING DETAILS

REVISIONS:

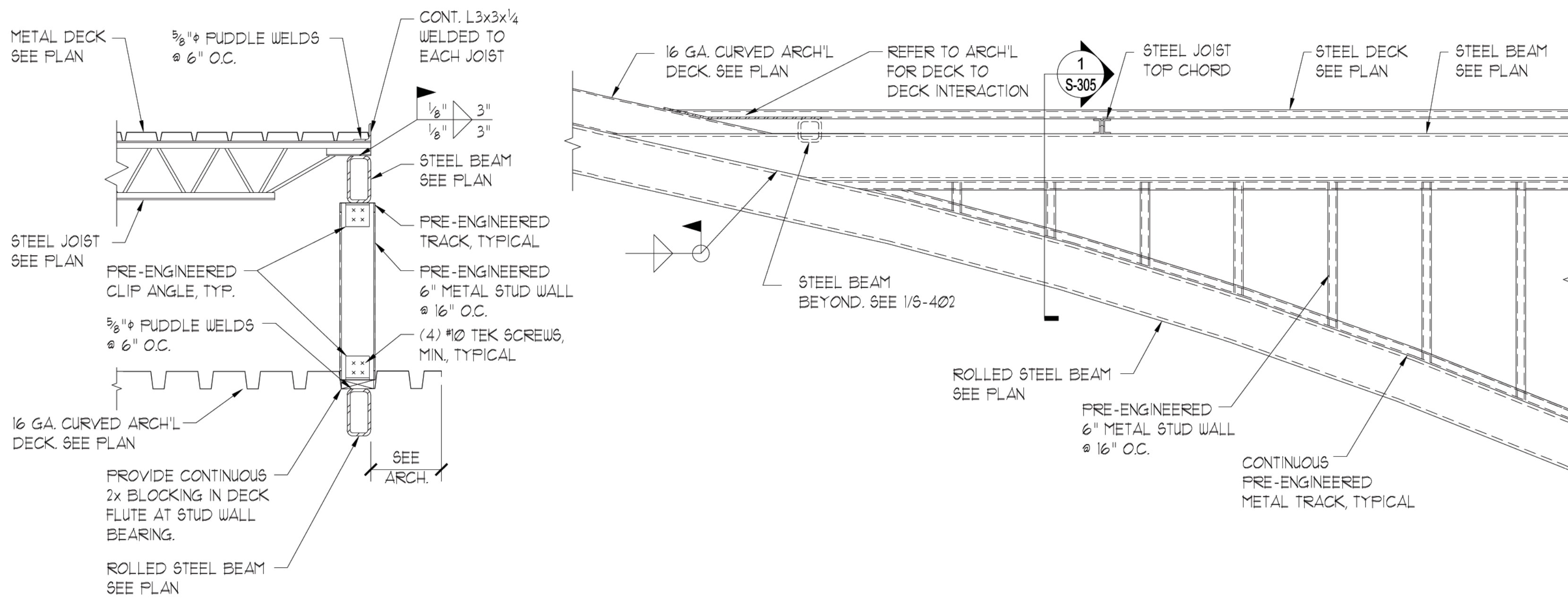


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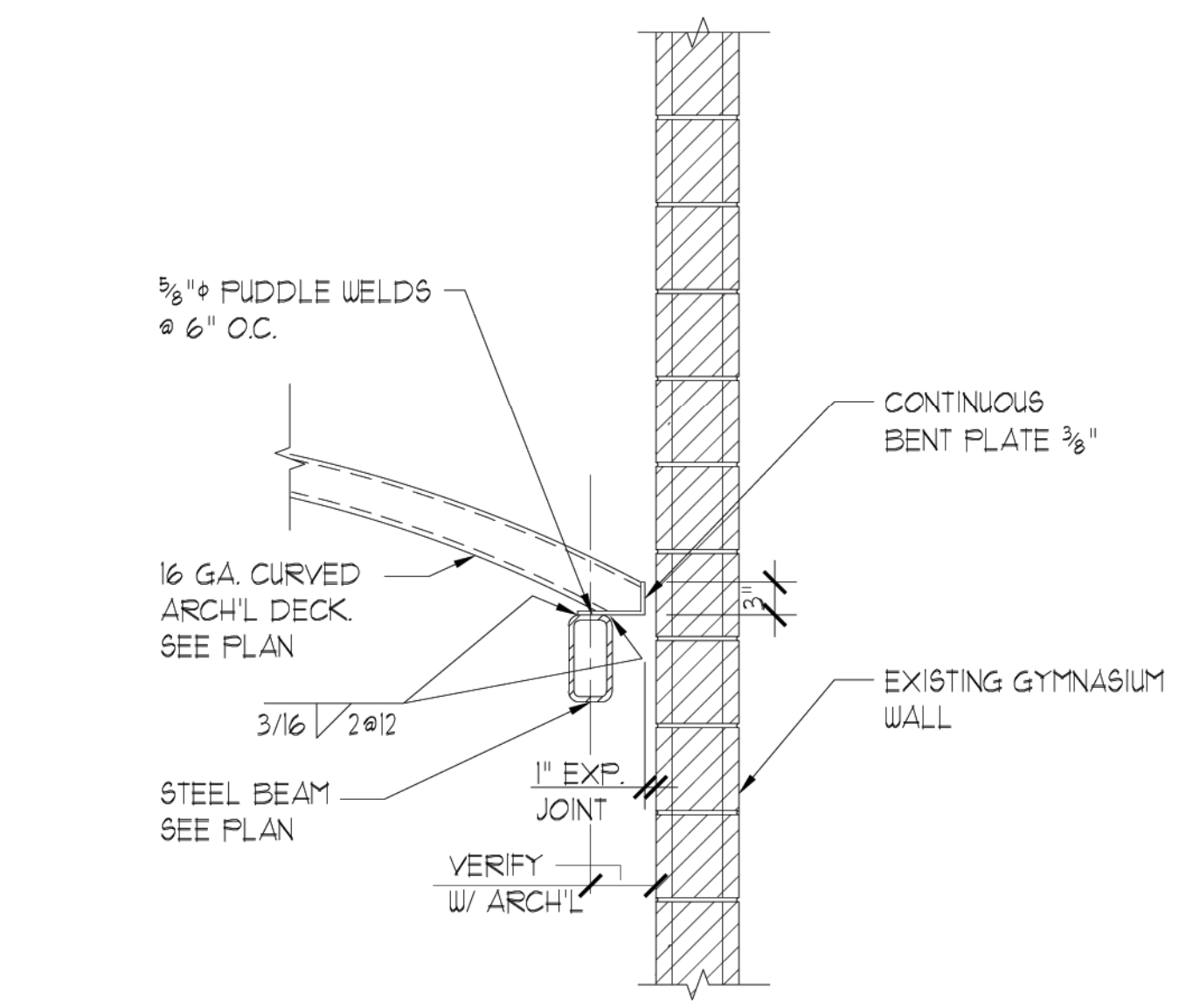
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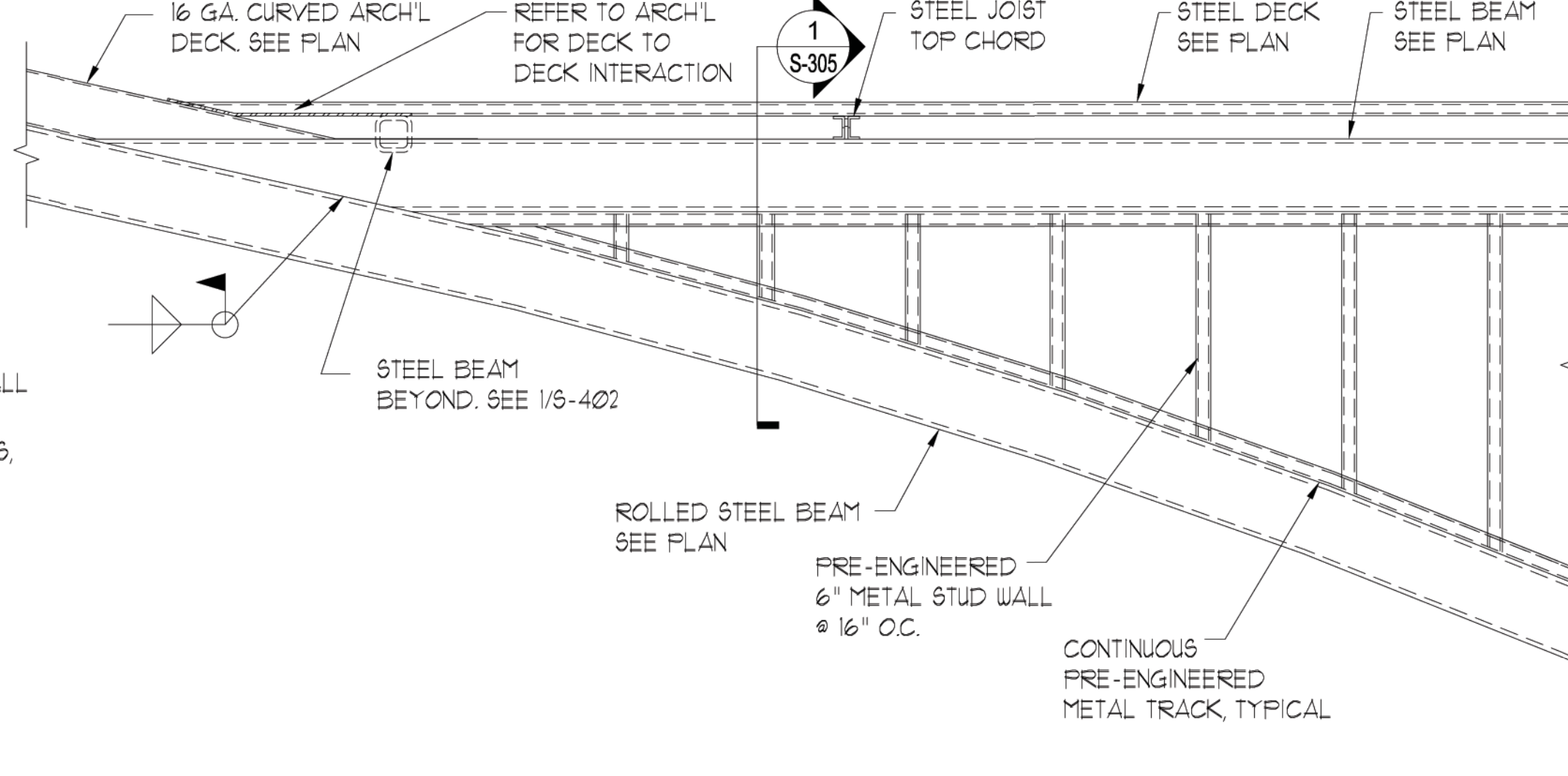
SHEET TITLE:
ROOF FRAMING DETAILS
REVISIONS:



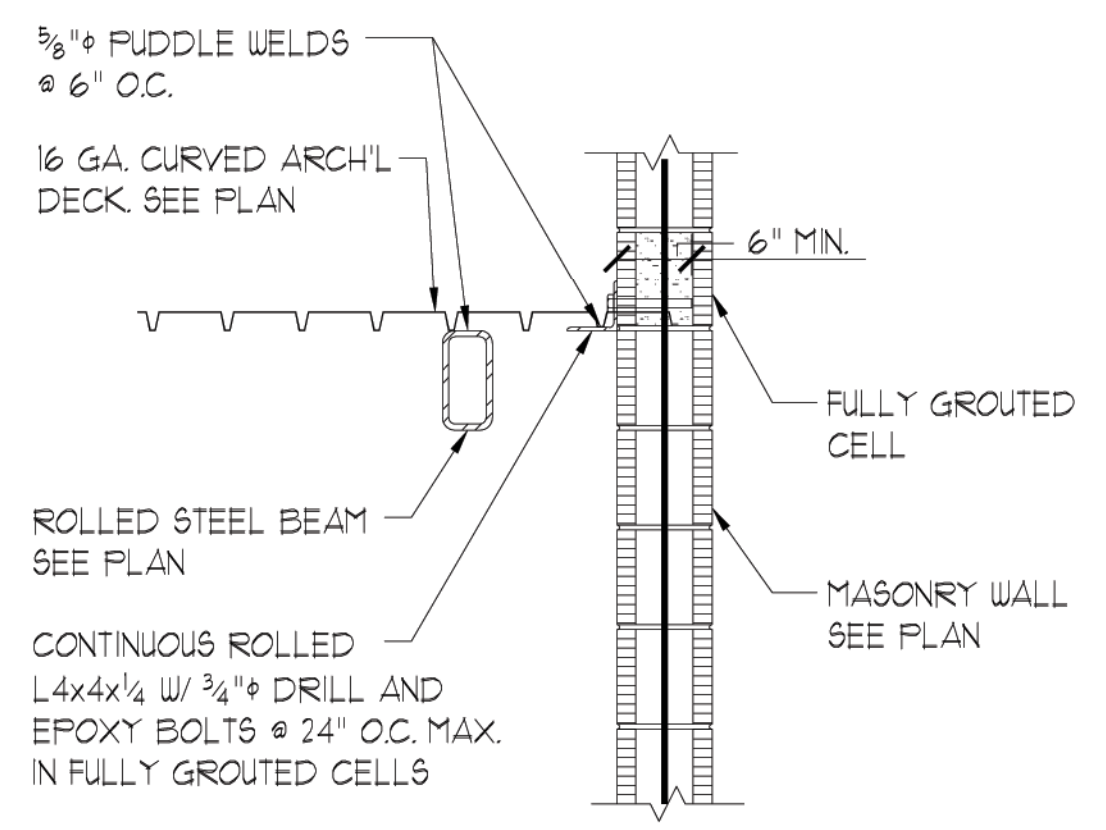
DETAIL 1



DETAIL 4

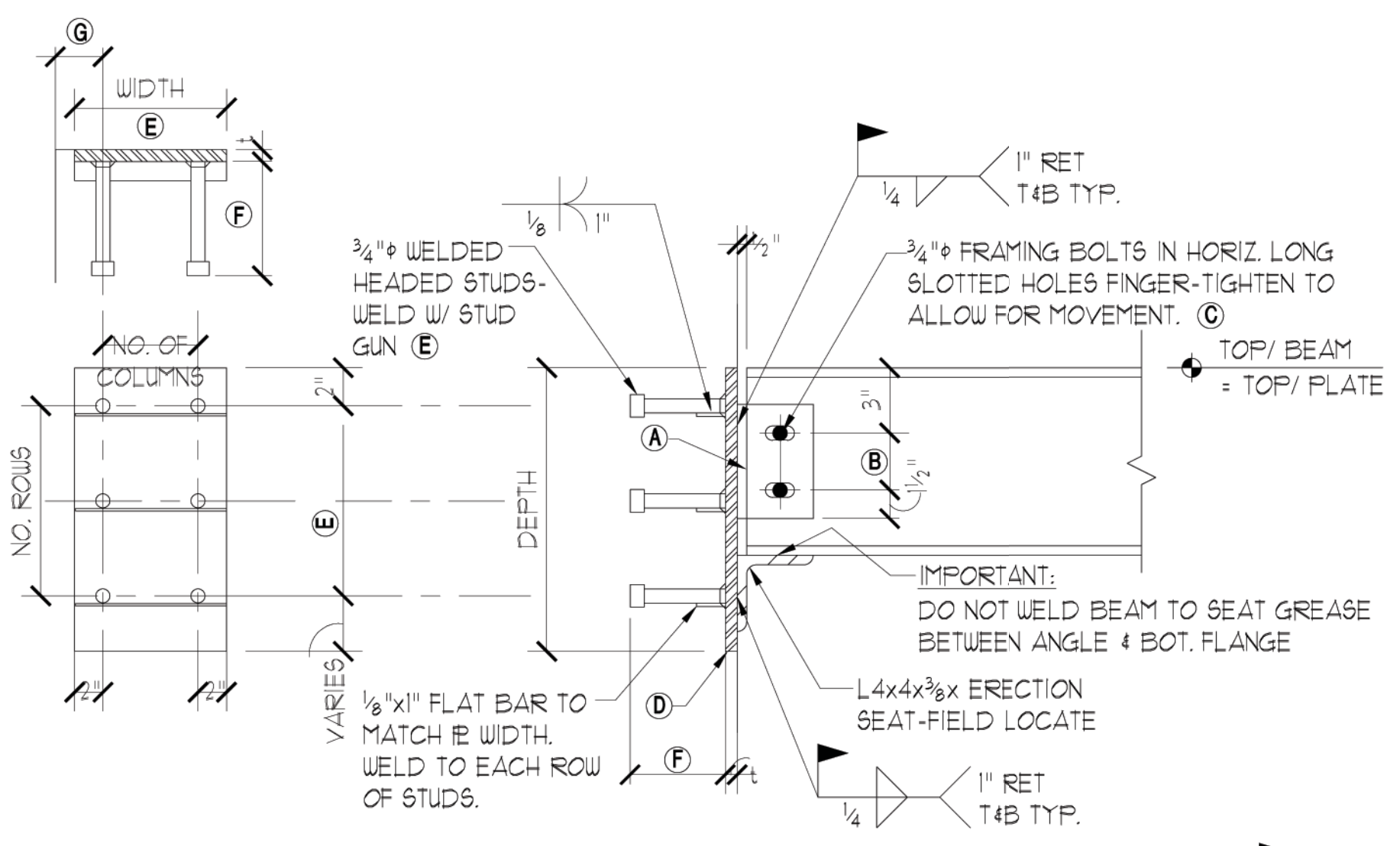


DETAIL 2



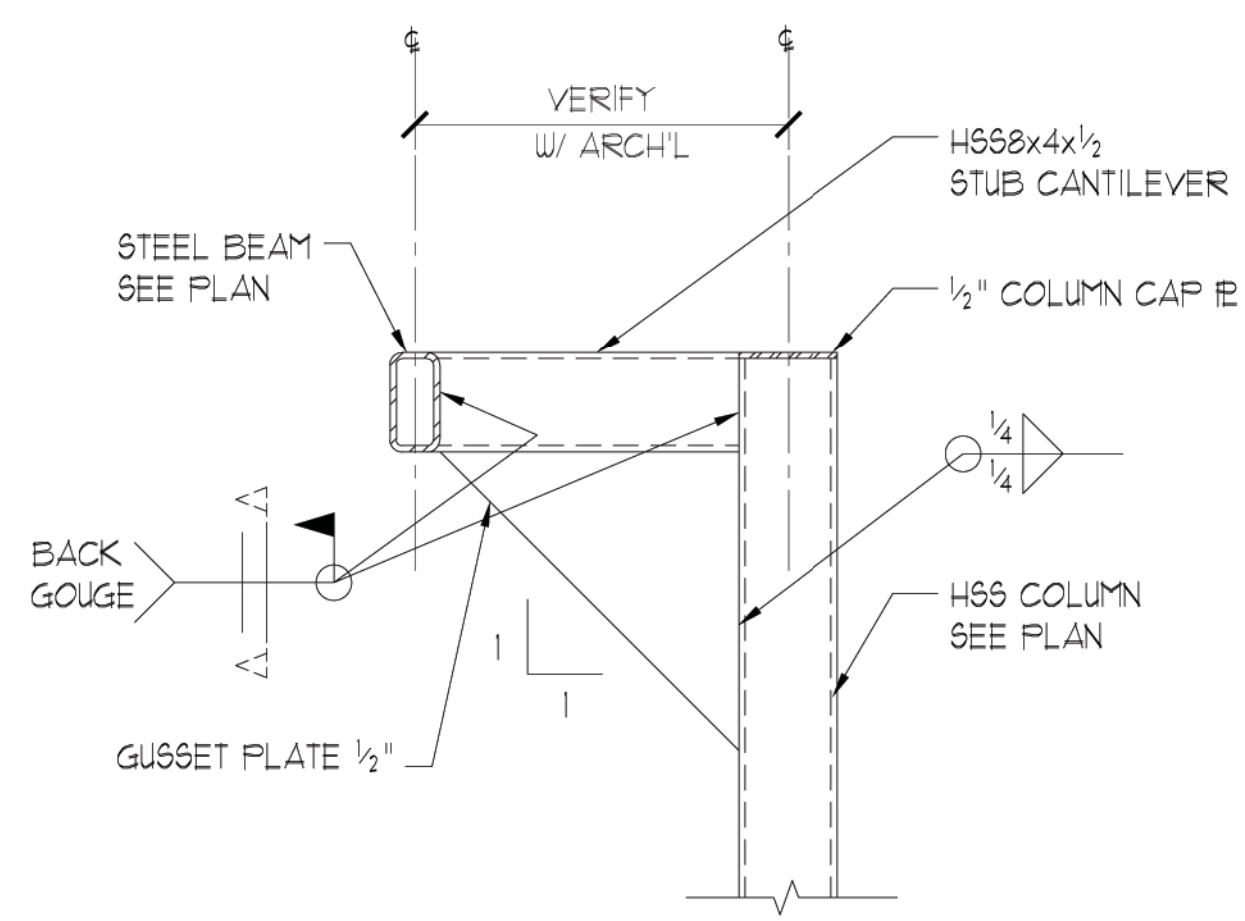
DETAIL 5

- NOTES:
- EMBED IN CONCRETE.
 - SEE PLATE SIZE FOR MIN. DEPTH CONC. INCREASE TIE BEAM DEPTH AS REQUIRED TO ACCOMMODATE FULL PLATE DEPTH. PROVIDE 24" MIN. LENGTH.
 - MIN. CONC. TIE BEAM REINF. WHEN NOT EMBEDDED IN CONC.
COL.:
8" WIDE BEAM - (2) #5 @ 8" O.C.
12" WIDE BEAM - (2) #6 @ 8" O.C.
& (3) #3 TIES

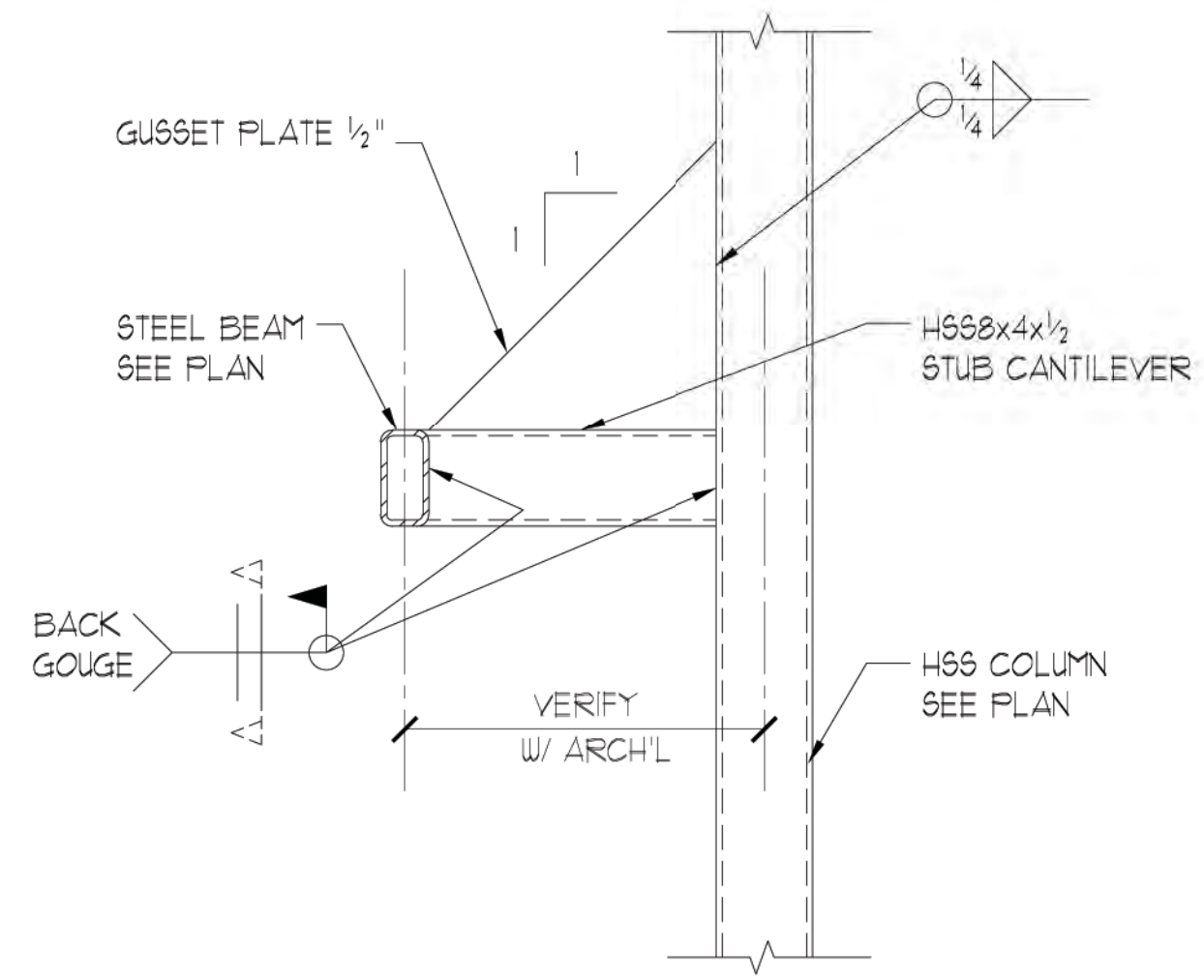


BOLT CLUSTER DETAIL

BEAM SERIES	MAX REACT. (KIPS)	FRAMING ANGLES		NO. BOLTS	BOLT TYPE	PLATE SIZE (L x W x D)	NO. OF SHEAR STUDS			STUD LENGTH	MIN. EDGE DISTANCE
		A	B				COLUMNS	ROWS	TOTAL		
H664X4	----	----	----	----	----	1/2 x 10 x 1"-1"	2 @ 5" O.C.	2 @ 5" O.C.	4	5"	2 1/2"
H666X4	----	----	----	----	----	1/2 x 10 x 1"-1"	2 @ 5" O.C.	2 @ 5" O.C.	4	5"	2 1/2"
H668X4	----	----	----	----	----	1/2 x 10 x 1"-1"	2 @ 5" O.C.	2 @ 5" O.C.	4	5"	2 1/2"



DETAIL 6



DETAIL 7

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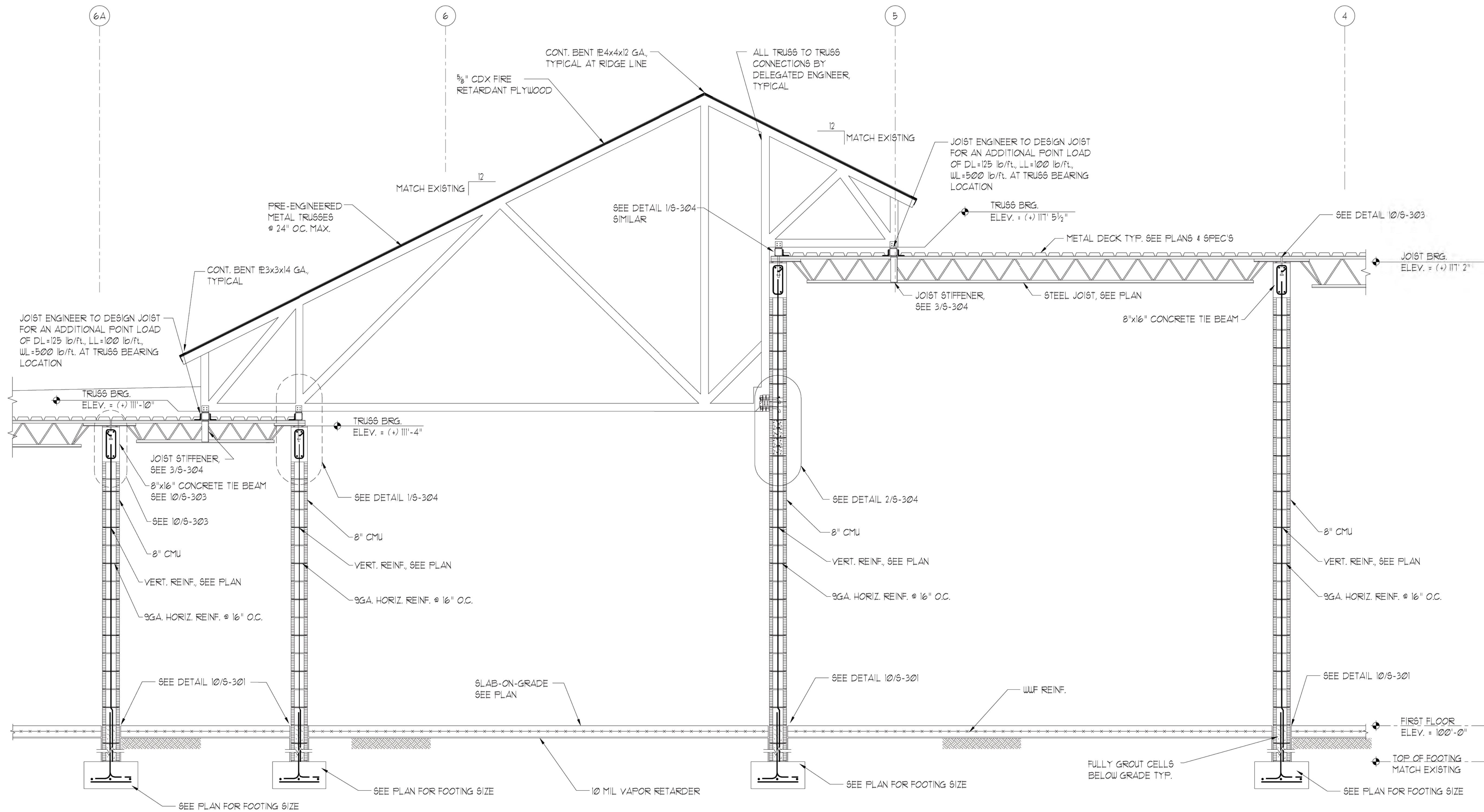
SHEET TITLE:

PARTIAL BUILDING SECTION

REVISIONS:

DATE ISSUED: 03/28/2016
PROJECT NO.: 12.0001

DRAWING NUMBER:



PARTIAL BUILDING SECTION

SCALE: 1/2" = 1'-0"

1

9-18-2015 CS

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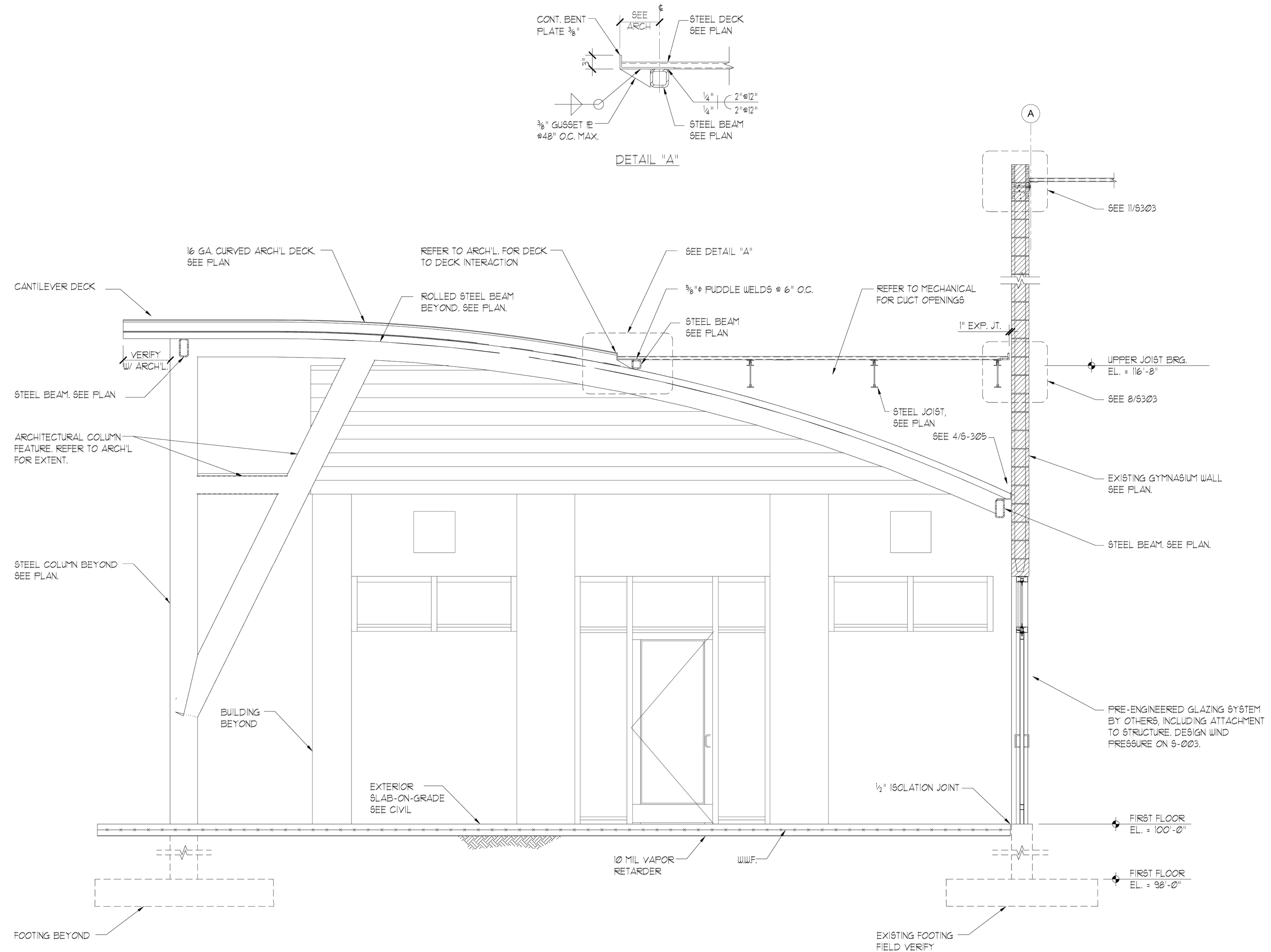
BID SET

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SHEET TITLE:

PARTIAL BUILDING SECTION

REVISIONS:



PARTIAL BUILDING SECTION

SCALE : 1/2" = 1'-0"

1

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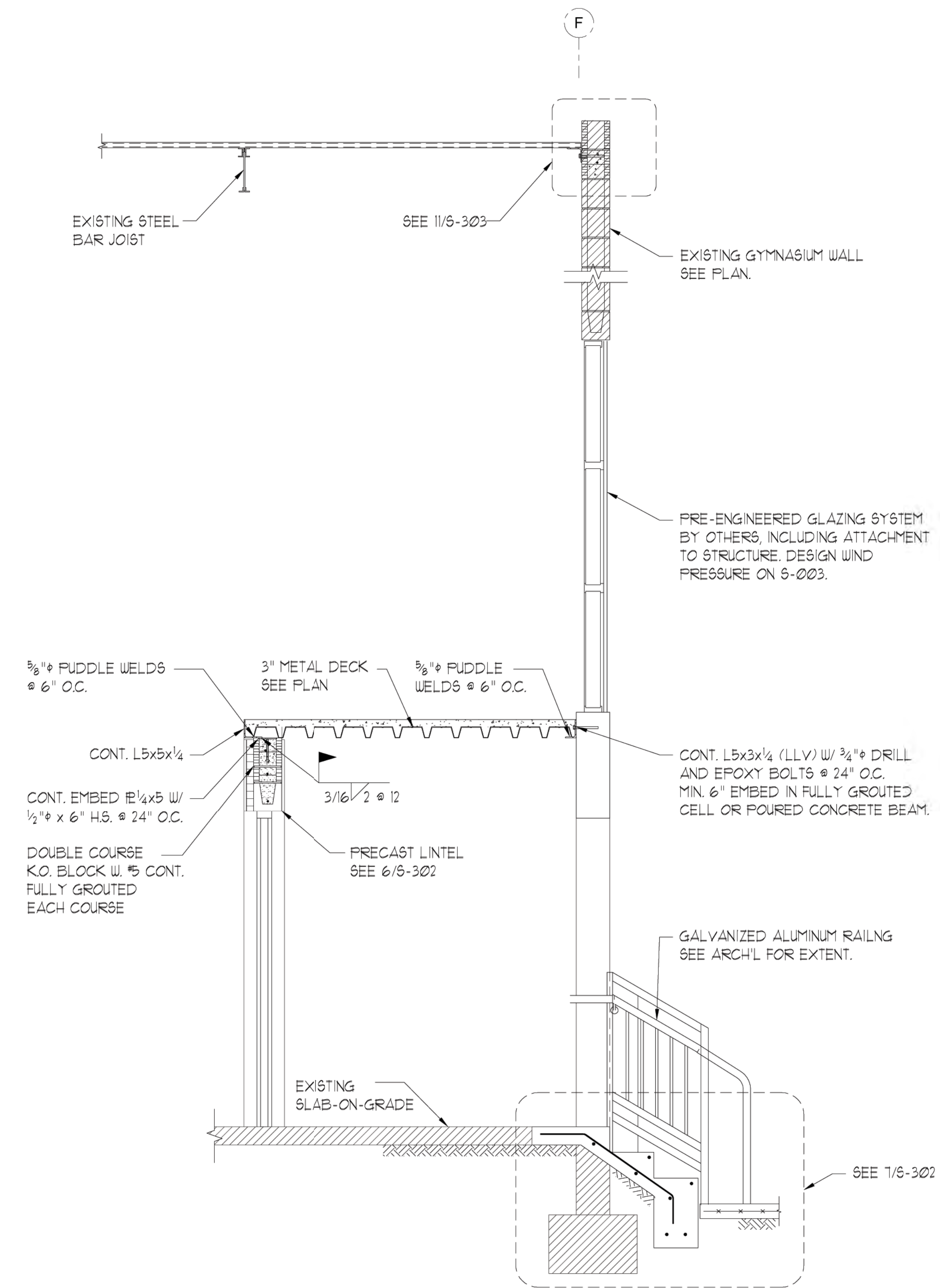
WALL SECTION

REVISIONS:

DATE ISSUED: 03/28/2016

PROJECT NO.: 12.0001

DRAWING NUMBER:



PARTIAL BUILDING SECTION

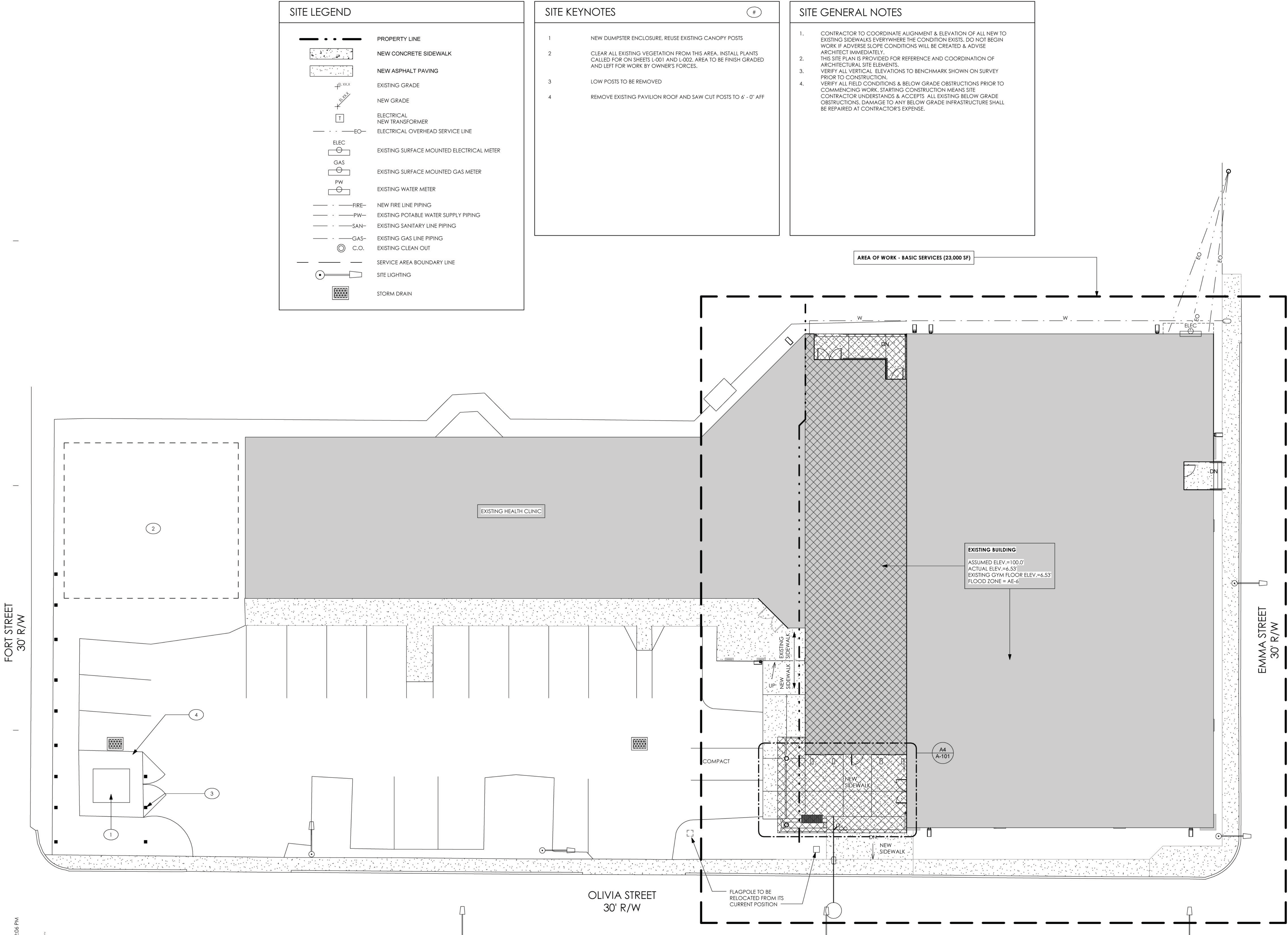
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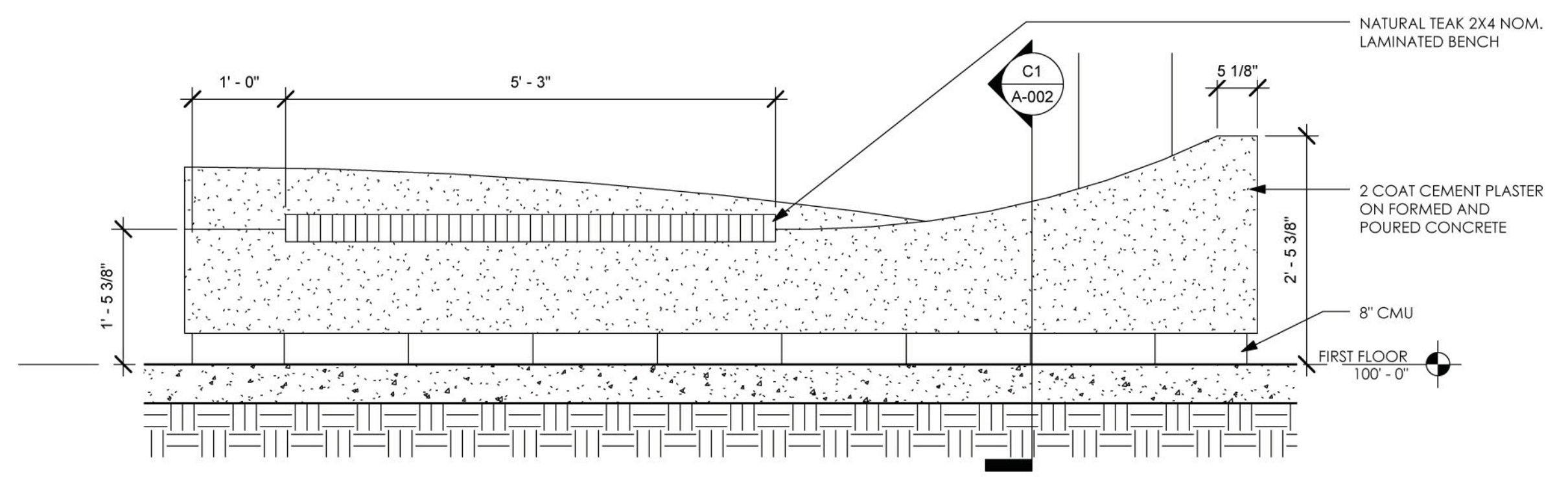


SITE LEGEND	
	PROPERTY LINE
	NEW CONCRETE SIDEWALK
	NEW ASPHALT PAVING
	EXISTING GRADE
	NEW GRADE
	ELECTRICAL NEW TRANSFORMER
	ELECTRICAL OVERHEAD SERVICE LINE
	EXISTING SURFACE MOUNTED ELECTRICAL METER
	EXISTING SURFACE MOUNTED GAS METER
	EXISTING WATER METER
	NEW FIRE LINE PIPING
	EXISTING POTABLE WATER SUPPLY PIPING
	EXISTING SANITARY LINE PIPING
	EXISTING GAS LINE PIPING
	EXISTING CLEAN OUT
	SERVICE AREA BOUNDARY LINE
	SITE LIGHTING
	STORM DRAIN

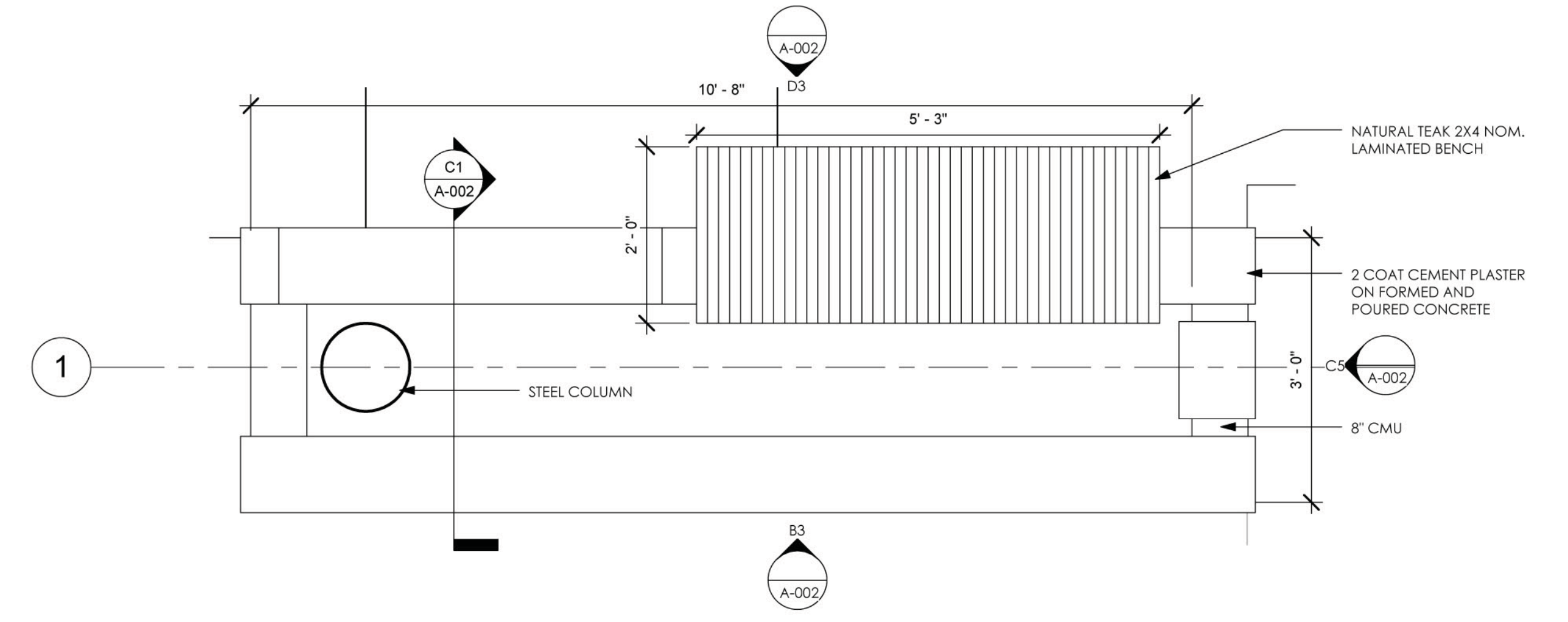
SITE KEYNOTES	
1	NEW DUMPSTER ENCLOSURE. REUSE EXISTING CANOPY POSTS
2	CLEAR ALL EXISTING VEGETATION FROM THIS AREA. INSTALL PLANTS CALLED FOR ON SHEETS L-001 AND L-002. AREA TO BE FINISH GRADED AND LEFT FOR WORK BY OWNER'S FORCES.
3	LOW POSTS TO BE REMOVED
4	REMOVE EXISTING PAVILION ROOF AND SAW CUT POSTS TO 6' - 0" AFF

SITE GENERAL NOTES	
1.	CONTRACTOR TO COORDINATE ALIGNMENT & ELEVATION OF ALL NEW TO EXISTING SIDEWALKS EVERYWHERE THE CONDITION EXISTS. DO NOT BEGIN WORK IF ADVERSE SLOPE CONDITIONS WILL BE CREATED & ADVISE ARCHITECT IMMEDIATELY.
2.	THIS SITE PLAN IS PROVIDED FOR REFERENCE AND COORDINATION OF ARCHITECTURAL SITE ELEMENTS.
3.	VERIFY ALL VERTICAL ELEVATIONS TO BENCHMARK SHOWN ON SURVEY PRIOR TO CONSTRUCTION.
4.	VERIFY ALL FIELD CONDITIONS & BELOW GRADE OBSTRUCTIONS PRIOR TO COMMENCING WORK. STARTING CONSTRUCTION MEANS SITE CONTRACTOR UNDERSTANDS & ACCEPTS ALL EXISTING BELOW GRADE OBSTRUCTIONS. DAMAGE TO ANY BELOW GRADE INFRASTRUCTURE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.

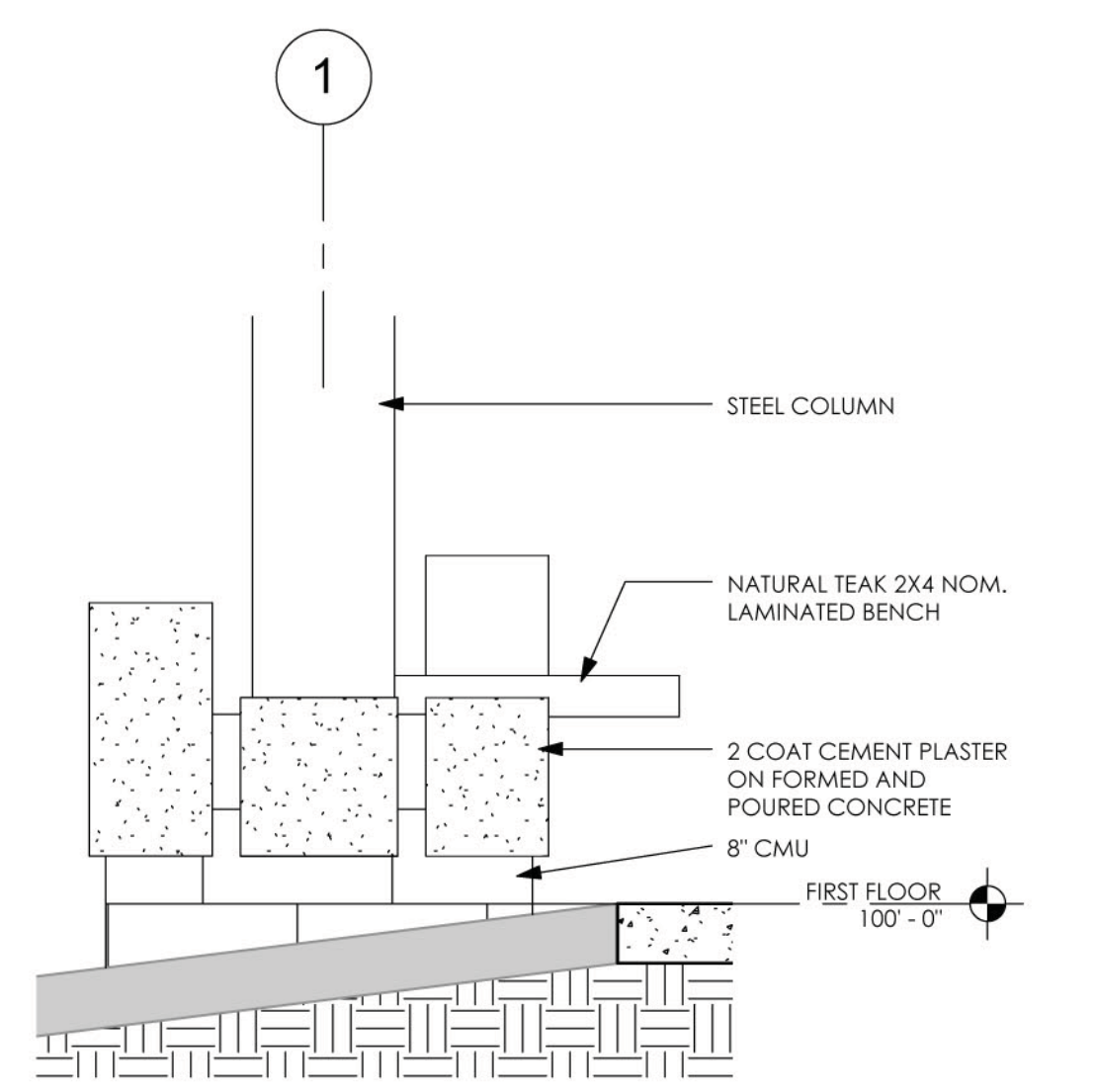




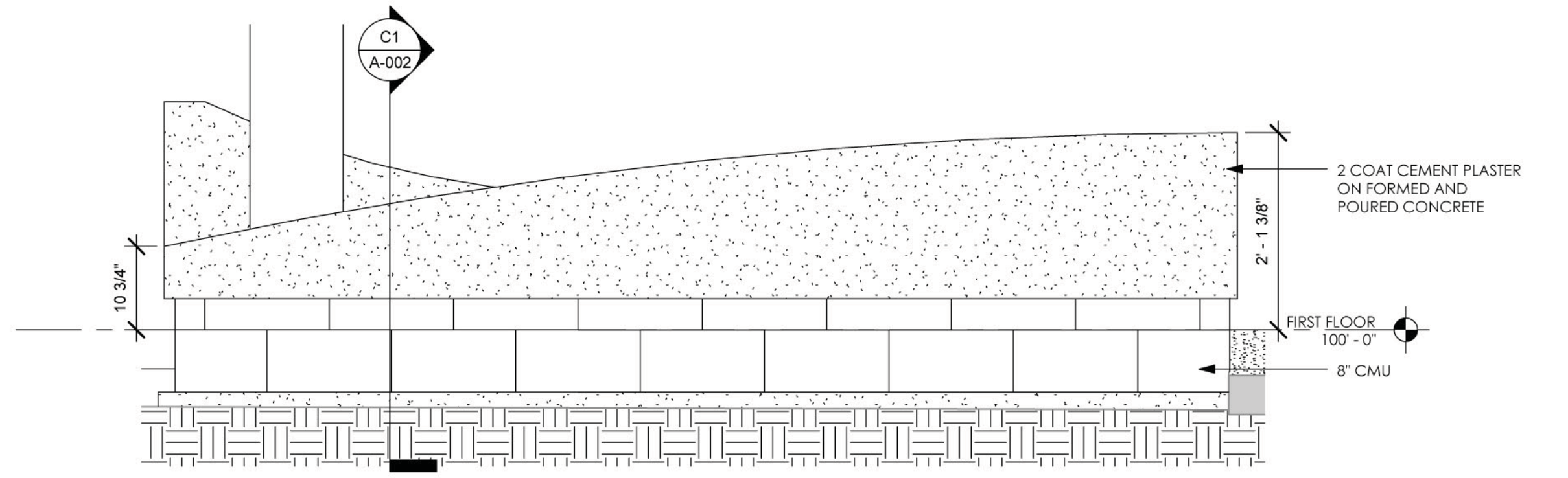
D3 PLANTER BENCH - NORTH ELEVATION
3/4" = 1'-0"



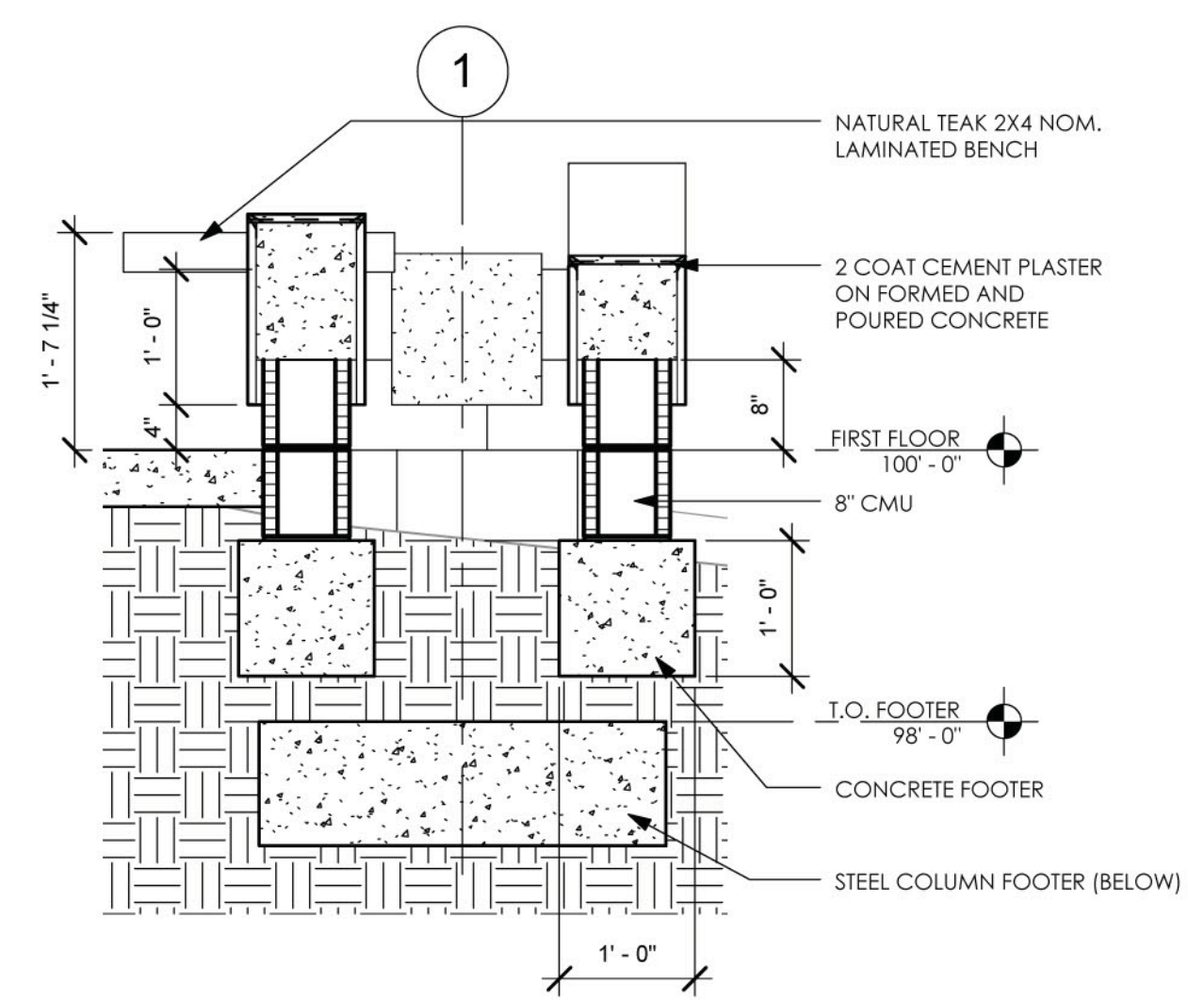
C3 PLANTER PLAN
3/4" = 1'-0"



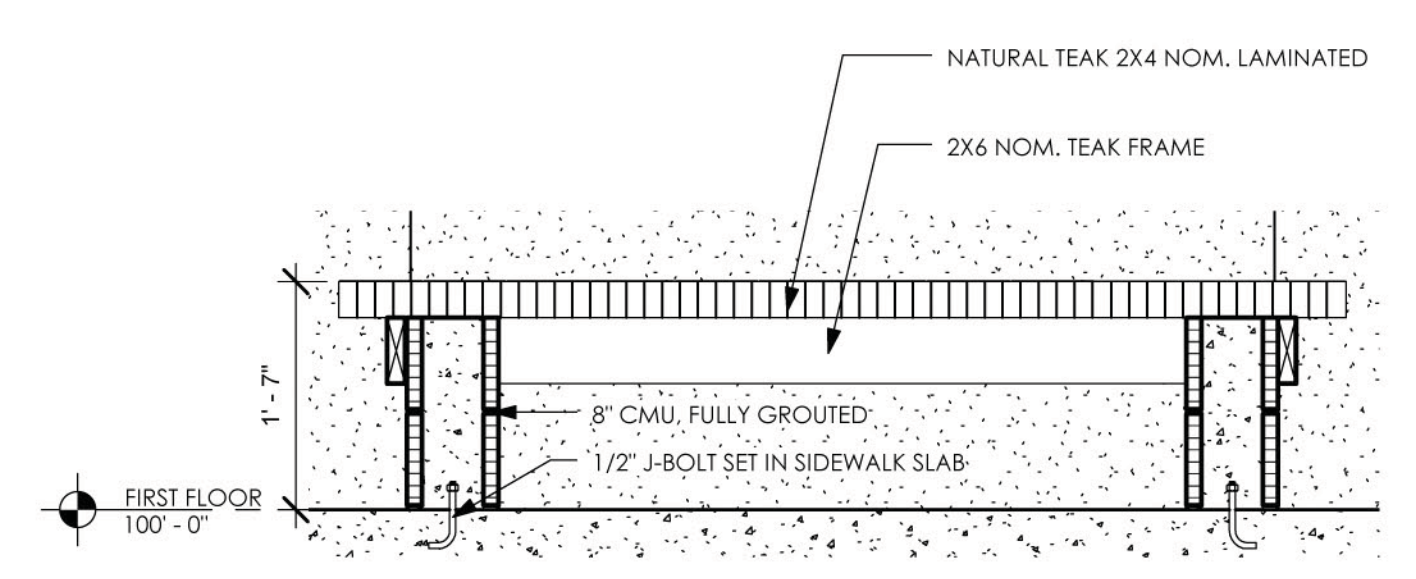
C5 PLANTER BENCH - EAST ELEVATION
3/4" = 1'-0"



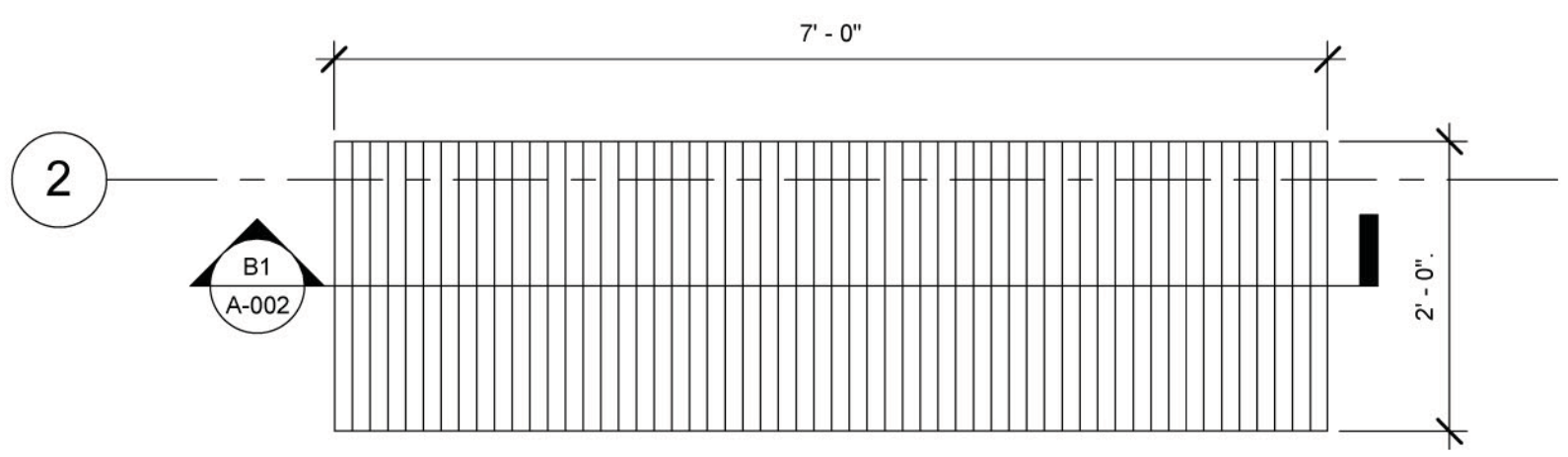
B3 PLANTER BENCH - SOUTH ELEVATION
3/4" = 1'-0"



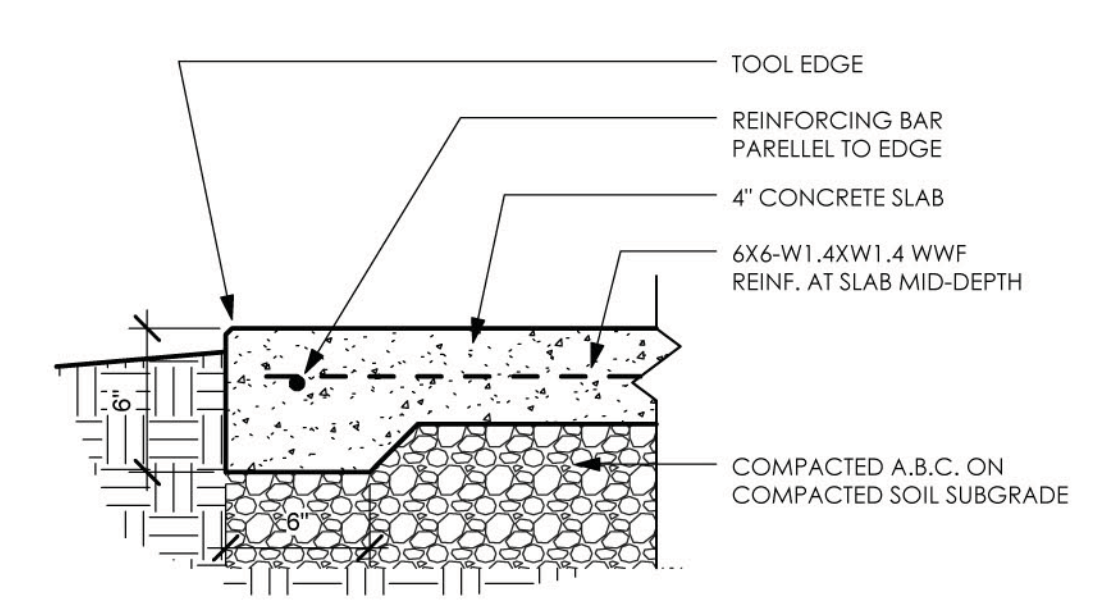
C1 PLANTER SECTION 1
3/4" = 1'-0"



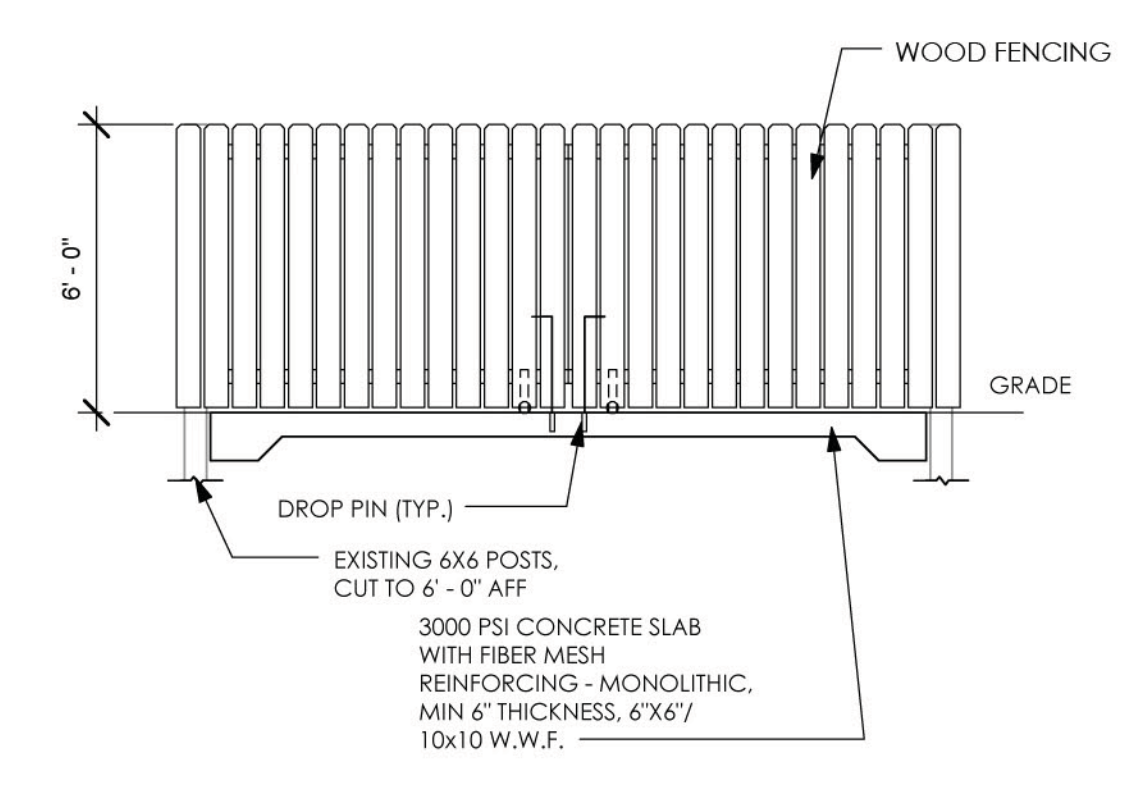
B1 BENCH DETAIL
3/4" = 1'-0"



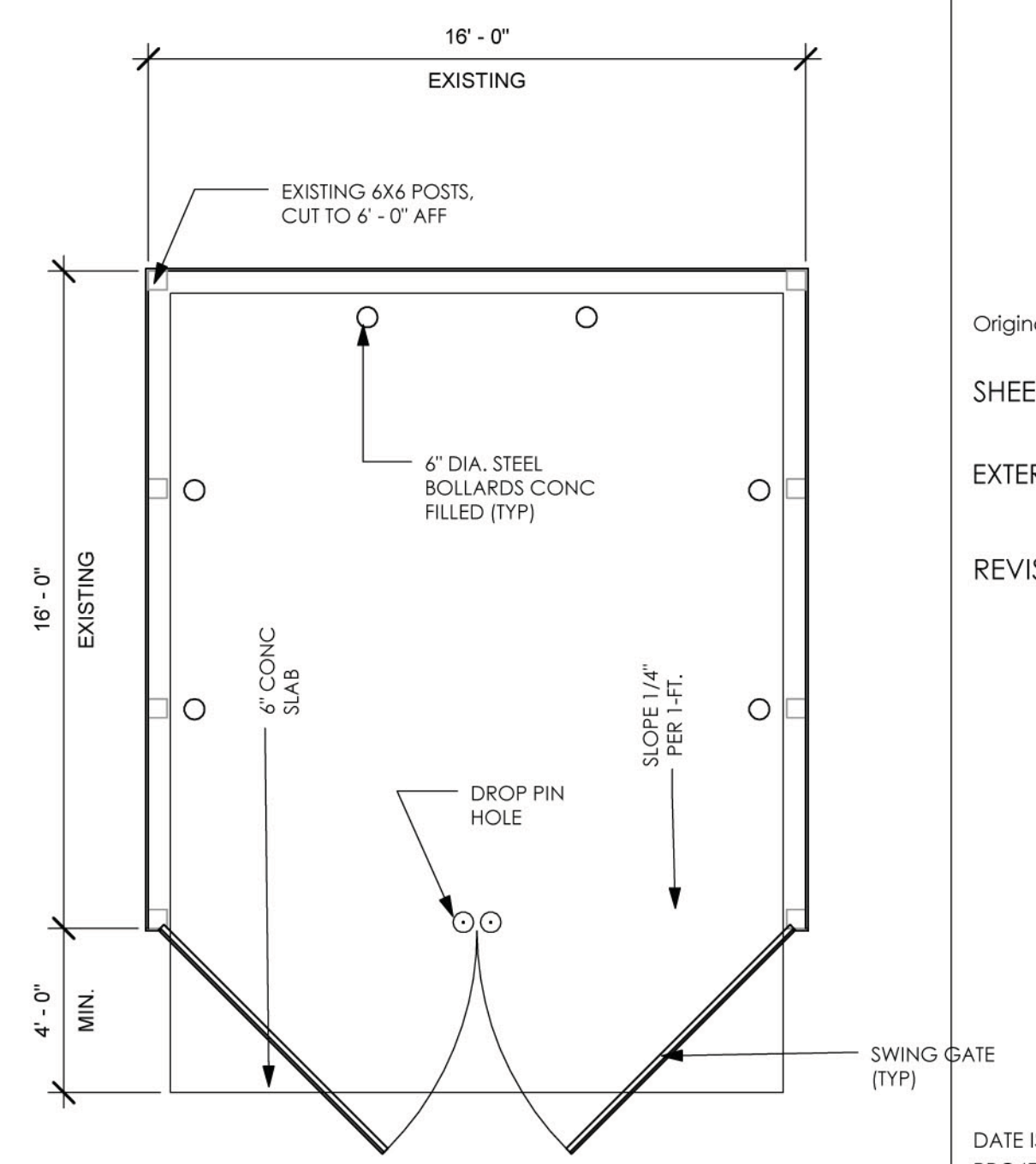
A1 BENCH PLAN
3/4" = 1'-0"



A3 TYPICAL SIDEWALK SLAB
1 1/2" = 1'-0"



A4 DUMPSTER ENLCOSURE
1/4" = 1'-0"



9/15/2015 5:12:07 PM



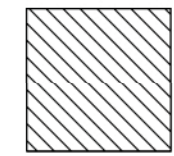
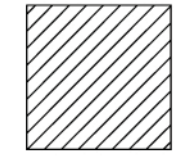
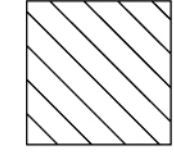
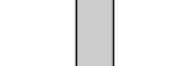
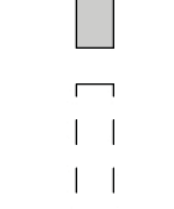
GENERAL DEMOLITION NOTES

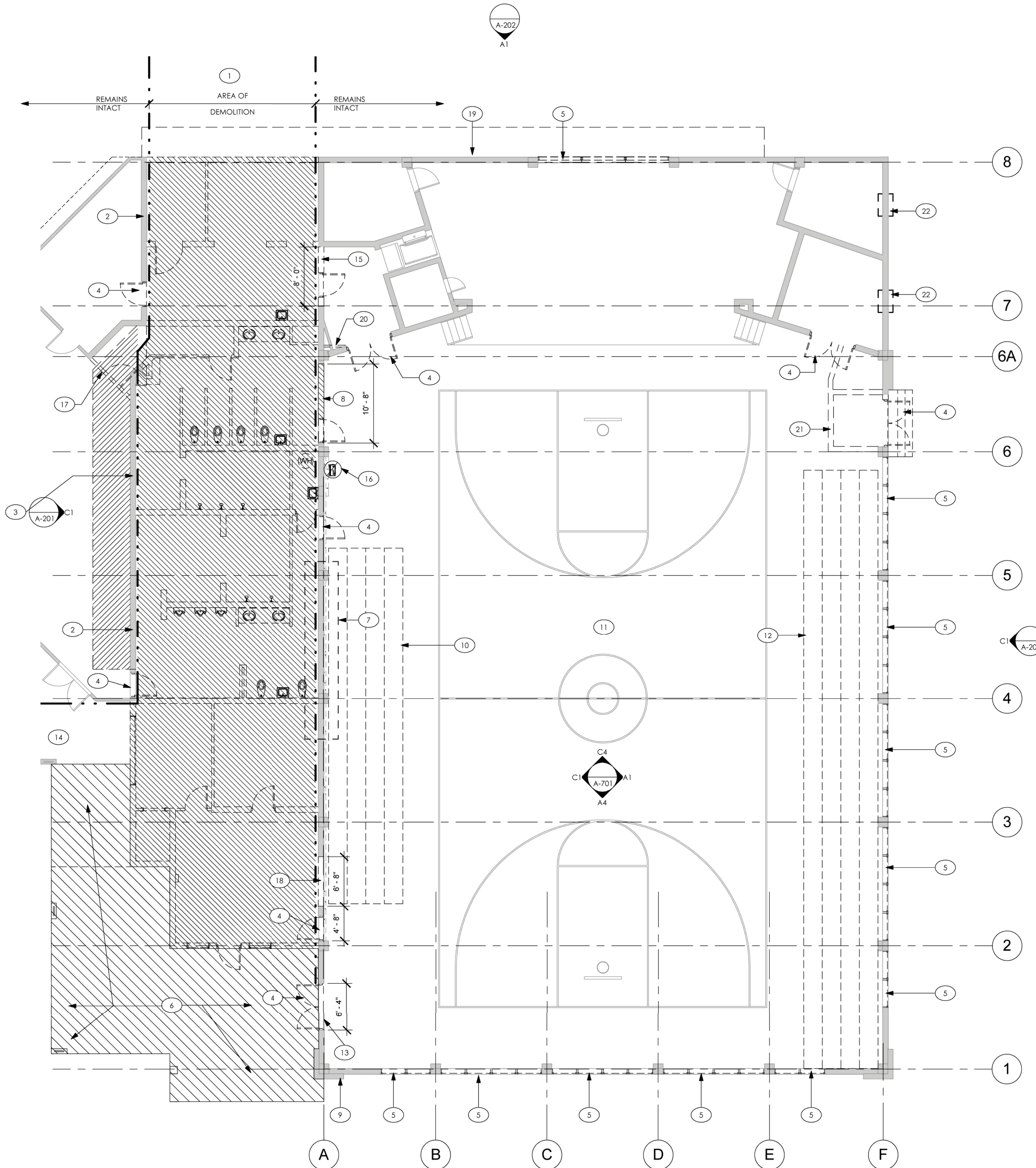
- NOTE: SEE PLUMBING, MECHANICAL AND ELECTRICAL DEMOLITION SHEETS FOR SCOPE OF WORK SPECIFICALLY RELATING TO THESE TRADES. REMOVE AND DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED. RECYCLE ITEMS AS MUCH AS POSSIBLE.
- REMOVE OF OR RELOCATE ALL WIRING, PLUMBING AND MECHANICAL EQUIPMENT AFFECTED BY REMOVAL OF PARTITIONS. REMOVED PIPES AND/OR LINES SHALL BE CUT TO A POINT OF CONCEALMENT BEHIND OR BELOW FINISH SURFACES AND SHALL BE PROPERLY CAPPED OR PLUGGED. COORDINATE DEMOLITION & CONSTRUCTION WITH EXISTING HEALTH CLINIC OPERATIONS.

SELECTIVE DEMOLITION KEYNOTES

- | # | |
|----|--|
| 1 | DEMOLISH ALL FLOORS, WALLS, AND ROOF IN THIS AREA UNLESS OTHERWISE NOTED |
| 2 | WALLS TO REMAIN INTACT |
| 3 | CANTILEVERED CONCRETE ROOF TO BE REMOVED |
| 4 | REMOVE EXISTING DOOR |
| 5 | REMOVE EXISTING WINDOWS |
| 6 | DEMOLISH EXISTING ROOF |
| 7 | CRACKING EVIDENT TO WALL AND COLUMNS AT ELEVATION OF ROOF TO BE DEMOLISHED. GENERAL CONTRACTOR TO PROVIDE BRACING OF WALL PRIOR TO DEMOLITION. ENSURE ROOF LOAD TO EXISTING WALL TO REMAIN IS REMOVED GRADUALLY TO PREVENT FURTHER DAMAGE. |
| 8 | REMOVE EXISTING WALL TO HEIGHT OF 8'-0" AFF. PROVIDE TEMPORARY LINTEL AND BRACING. |
| 9 | CAREFULLY REMOVE EXISTING PLAQUE AND FRAME. WRAP AND PACKAGE PLAQUE. STORE IN A SECURE LOCATION FOR RE-USE |
| 10 | BLEACHER SYSTEM TO BE RELOCATED. SEE A-101 FOR NEW LOCATION. REPAIR ANY WALL DAMAGE TO MATCH EXISTING. |
| 11 | EXISTING COURT SURFACE TO BE COVERED AND PROTECTED THROUGHOUT CONSTRUCTION. |
| 12 | EXISTING BLEACHER SYSTEM TO BE COVERED AND PROTECTED THROUGHOUT CONSTRUCTION. |
| 13 | REMOVE EXISTING WALL TO HEIGHT OF 9'-0" AFF. PROVIDE TEMPORARY LINTEL AND BRACING |
| 14 | EXISTING CONCRETE WALK TO REMAIN |
| 15 | REMOVE EXISTING WALL FULL HEIGHT. PROVIDE TEMPORARY LINTEL AND BRACING |
| 16 | REMOVE EXISTING DRINKING FOUNTAIN |
| 17 | REMOVE EXISTING PARTITION |
| 18 | SAW CUT OPENING FOR NEW WINDOW. PROVIDE TEMPORARY BRACING AND LINTEL. |
| 19 | SAW CUT AND DEMO EXISTING CONCRETE AWNING |
| 20 | SAW CUT SLAB FOR NEW SANITARY LINE |
| 21 | SAW CUT SLAB FOR FUTURE WALLS |
| 22 | REMOVE EXISTING A/C UNIT |

DEMOLITION LEGEND

-  EXISTING ONE STORY BUILDING
-  AREA OF EXISTING CONCRETE OVERHANG CANTILEVER TO BE REMOVED. THIS CONCRETE OVERHANG IS INTEGRAL TO ROOF STRUCTURE OF EXISTING BUILDING TO BE DEMOLISHED IT WILL HAVE TO BE REMOVED SIMULTANEOUS TO BUILDING AND WILL IMPACT CLINIC ACCESS AND OPERATIONS.
-  DEMOLISH EXISTING ROOF
-  EXISTING WALLS TO REMAIN
-  DEMOLISHED WALLS



SELECTIVE DEMOLITION PLAN
1/8" = 1'-0"

members of



CONSULTANT:

CLIENT / PROJECT NAME:
CITY OF KEY WEST
RENOVATION TO

**FREDERICK DOUGLASS
RECREATION CENTER**

111 OLIVIA STREET
KEY WEST, FL 33040

BID SET

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:

SELECTIVE DEMOLITION ROOF PLAN

REVISIONS:

DATE ISSUED: 03/28/2016
PROJECT NO.: 12.0001

DRAWING NUMBER:

A-004

SHEET: 24 OF 68

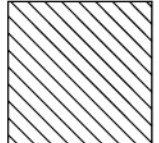
GENERAL DEMOLITION NOTES

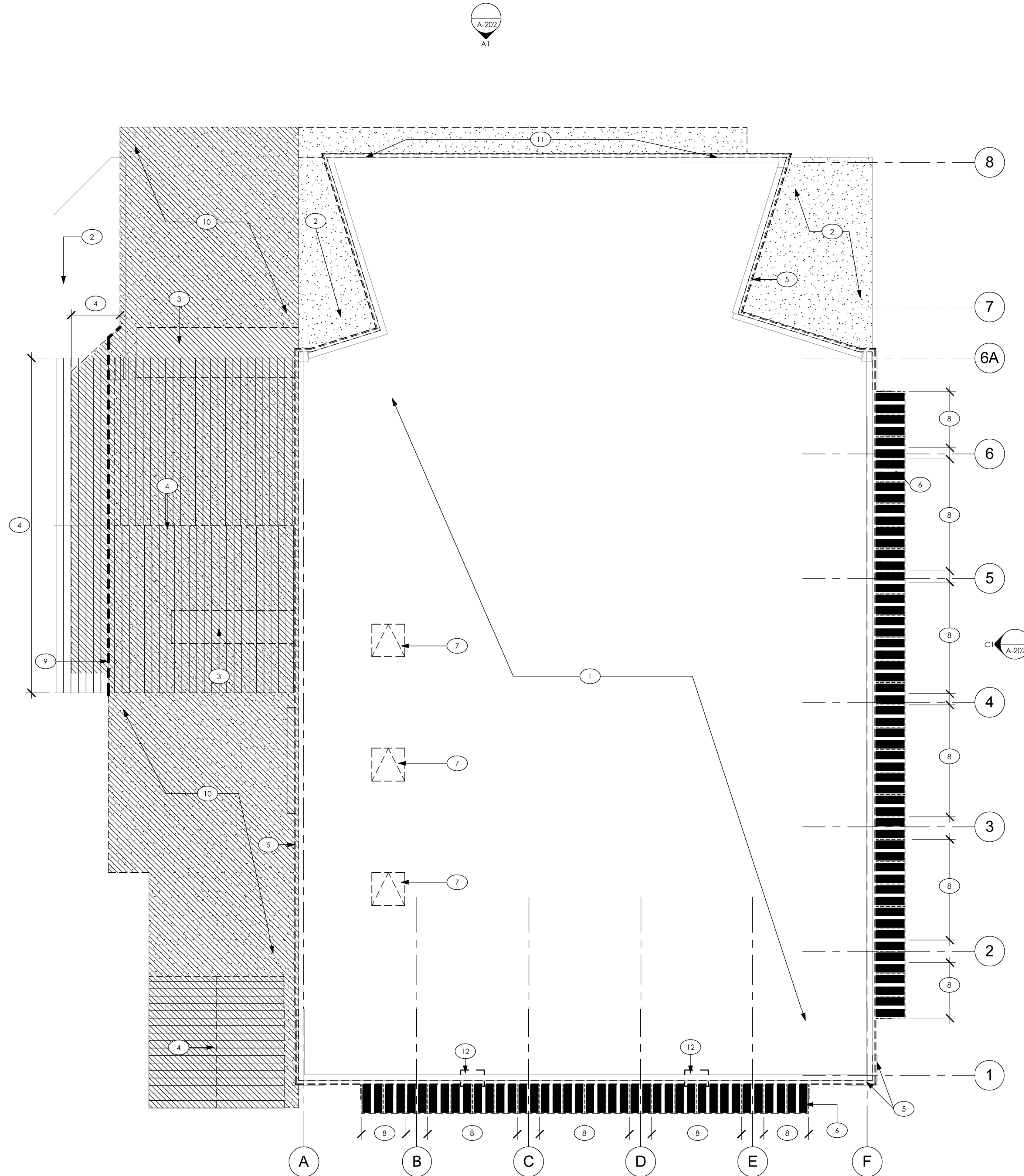
- NOTE: SEE PLUMBING, MECHANICAL AND ELECTRICAL DEMOLITION SHEETS FOR SCOPE OF WORK SPECIFICALLY RELATING TO THESE TRADES.
- REMOVE AND DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED. RECYCLE ITEMS AS MUCH AS POSSIBLE.
- REMOVE OR RELOCATE ALL WIRING, PLUMBING AND MECHANICAL EQUIPMENT AFFECTED BY REMOVAL OF PARTITIONS. REMOVED PIPES AND/OR LINES SHALL BE CUT TO A POINT OF CONCEALMENT BEHIND OR BELOW FINISH SURFACES AND SHALL BE PROPERLY CAPPED OR PLUGGED. COORDINATE DEMOLITION & CONSTRUCTION WITH EXISTING HEALTH CLINIC OPERATIONS.

SELECTIVE DEMOLITION KEYNOTES

- REMOVE BUILT-UP TECTUM/GYPSUM DECKING AND BULB TEE. SEE STRUCTURAL
- REMOVE ROOF MEMBRANE ON 4" CONCRETE DECK. INSPECT DECK FOR STRUCTURAL DAMAGE; ADVISE ARCHITECT IMMEDIATELY UPON FINDING ANY ADVERSE CONDITIONS.
- REMOVE ROOF MEMBRANE, PLYWOOD DECK AND 2X6 FRAMING
- REMOVE STANDING SEAM ALUMINUM ROOF
- REMOVE METAL GUTTER
- REMOVE METAL STORM SHUTTERS
- REMOVE SEALED ROOF VENT, ROOF CURB AND EXTRANEOUS SUPPORT/METAL DOWN TO TOP CHORD OF ROOF JOISTS
- REMOVE ALL EXISTING HARDWARE AND MOUNTING BRACKETS FOR WINDOW SHUTTERS
- EDGE OF DEMISING WALL
- REMOVE ROOF MEMBRANE AND CONCRETE DECK
- SAW CUT AND DEMO EXISTING CONCRETE AWNING
- REMOVE EXISTING EXHAUST FAN

DEMOLITION LEGEND

 AREA OF BUILDING TO BE COMPLETELY DEMOLISHED



SELECTIVE DEMOLITION ROOF PLAN
1/8" = 1'-0"



SHEET KEYNOTES

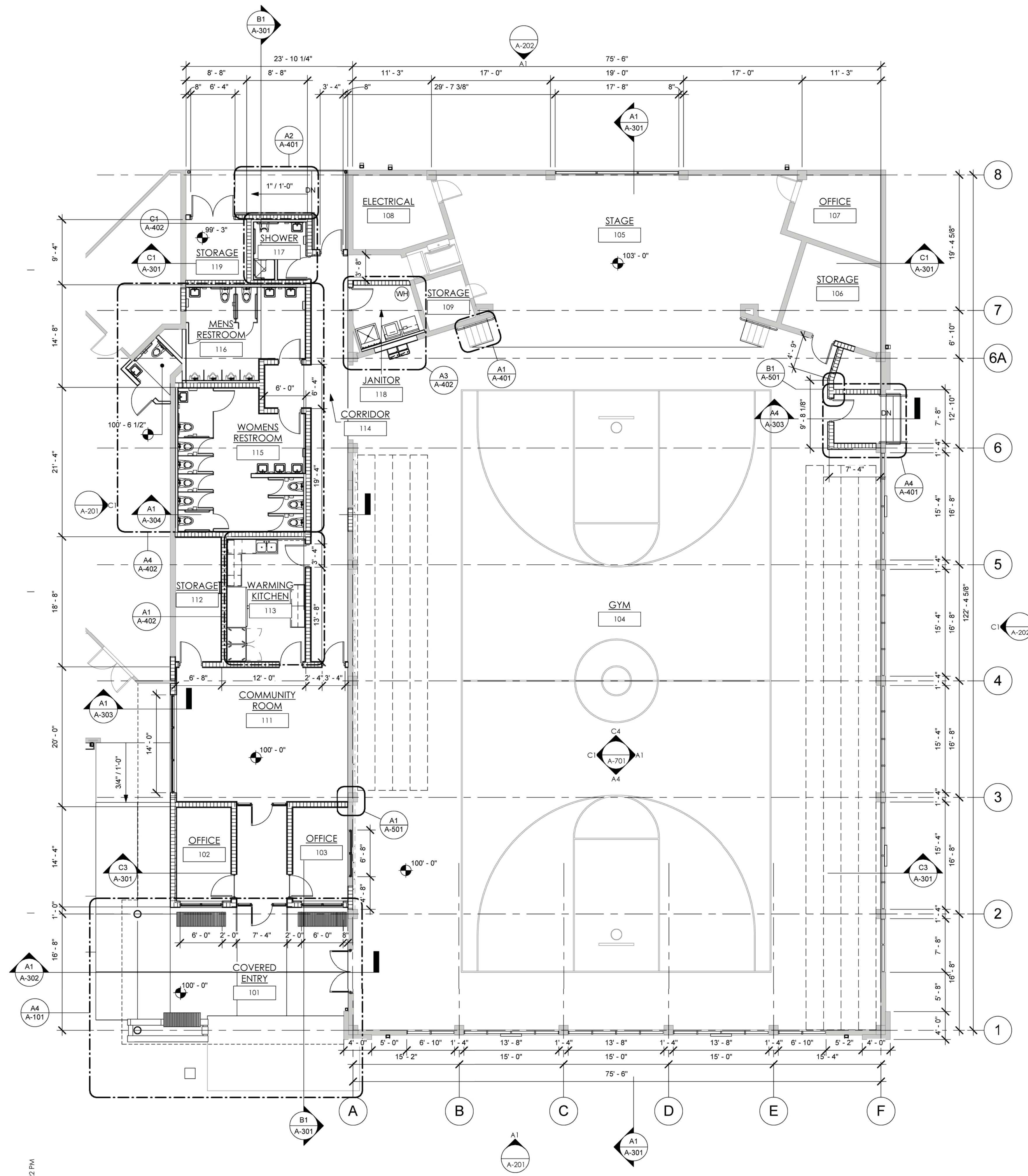
- 1 NEW CONCRETE SIDEWALK SLAB
- 2 NEW CMU/CONCRETE PLANTER
- 3 1" EXPANSION JOINT, TYP.
- 4 STEEL COLUMN, WRAP WITH METAL FURRING AND (2) COAT PORTLAND CEMENT PLASTER ON EXPANDED WIRE MESH
- 5 STEEL COLUMN
- 6 EDGE OF EXISTING SIDEWALK
- 7 INSTALL NEW PLAQUE, SEE DETAIL A4/A-202
- 8 INSTALL EXISTING HISTORICAL PLAQUE

GENERAL NOTES

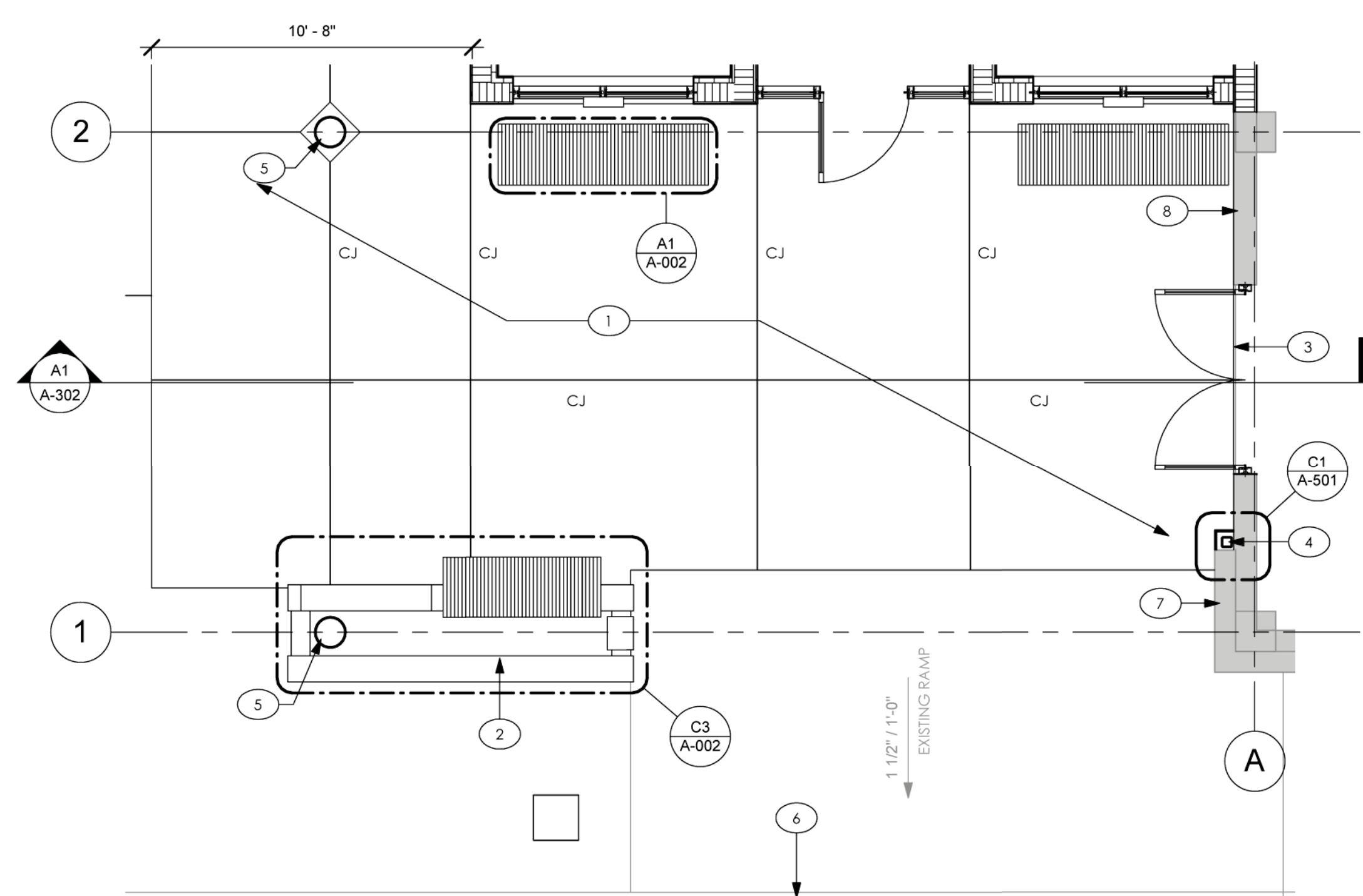
- 1 REFER TO A-400 SHEETS FOR DIMENSIONS ON ENLARGED PLANS
- 2 ALL DIMENSIONS TO FACE OF CMU

DIMENSION NOTES

1. SEE A-400 SHEETS FOR ENLARGED PLANS
2. DIMENSIONS ARE INDICATED TO THE CENTERLINE OF STRUCTURAL GRID, FACE OF CONCRETE WALL, NOMINAL FACE OF CMU WALL, FACE OF PARTITION AS SCHEDULED, UNLESS OTHERWISE NOTED
3. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. DIMENSIONAL LAYOUT SHALL BE IN THE FOLLOWING PRIORITY ORDER:
A. STRUCTURAL DRAWINGS
B. LARGE SCALE DETAILS
C. SMALL SCALE DETAILS
D. ENLARGED PLANS AND SECTIONS
E. FLOOR PLANS
4. FLOOR ELEVATIONS ARE INDICATED AT THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED
5. VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR SLAB ELEVATION TO FACE OF FRAMING OR STRUCTURAL MEMBER, UNLESS NOTED ABOVE FINISH FLOOR - "AFF"
6. CEILING HEIGHTS ARE INDICATED FROM THE FLOOR ELEVATION TO THE FACE OF THE SUSPENDED ACOUSTIC CEILING GRID OR FACE OF FRAMING MEMBER FOR OTHER CEILING TYPES, UNLESS OTHERWISE NOTED
7. REQUIRED SIZE, CLEARANCES, AND RELATIONSHOPS ARE INDICATED BY DIMENSIONS AS NOTED
8. THE EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS ARE PROVIDED BY THE ARCHITECT BASED ON AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS ON THE JOB SITE AND NOTIFY THE ARCHITECT OF DEVIATIONS FROM THESE DRAWINGS.



DIMENSION PLAN
1/8" = 1'-0"



A4 ENLARGED COVERED ENTRY
1/4" = 1'-0"

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ANDREW M. HAYES
A20016166



CONSULTANT:

CLIENT / PROJECT NAME:
CITY OF KEY WEST
RENOVATION TO

FREDERICK DOUGLASS
RECREATION CENTER

111 OLIVIA STREET
KEY WEST, FL 33040

BID SET

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:

ARCHITECTURAL PLAN

REVISIONS:

DATE ISSUED: 03/28/2016
PROJECT NO.: 12.0001

DRAWING NUMBER:

A-102 SHEET: 26 OF 68

GENERAL NOTES

- REFER TO A-400 SHEETS FOR ENLARGED PLANS
- FOR DIMENSION PLAN OF THIS LEVEL SEE A-101
- OUTDOOR STAIRWAYS AND OUTDOOR APPROACHES TO STAIRWAYS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES. THE WALKING SURFACE OF TREADS AND LANDINGS SHALL NOT BE SLOPED STEEPER THAN 1:50 (2 PERCENT SLOPE) IN ANY DIRECTION.
- ALL EXTERIOR FASTENERS SHALL BE STAINLESS STEEL OR HOT DRIPPED GALVANIZED

SHEET KEYNOTES

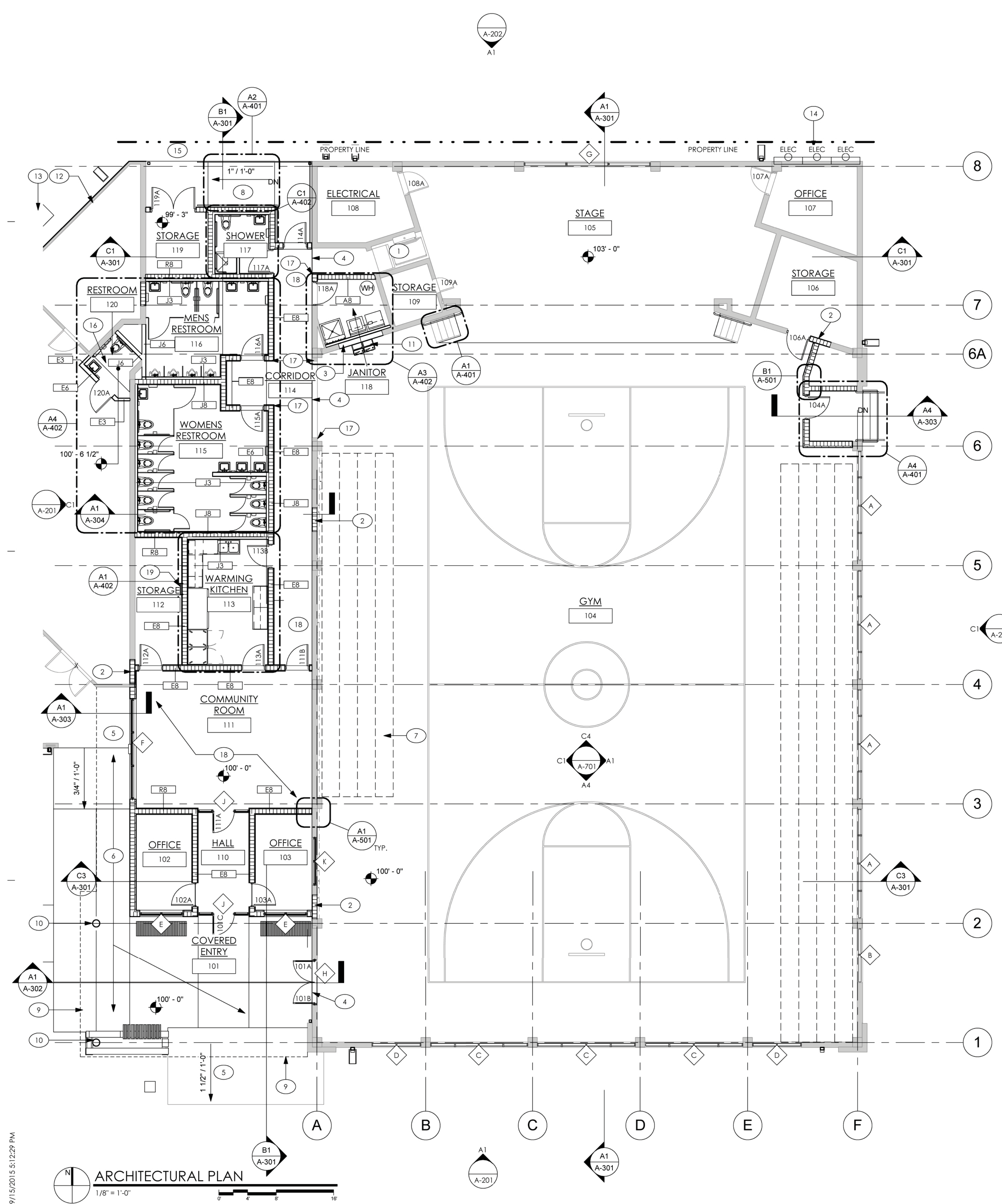
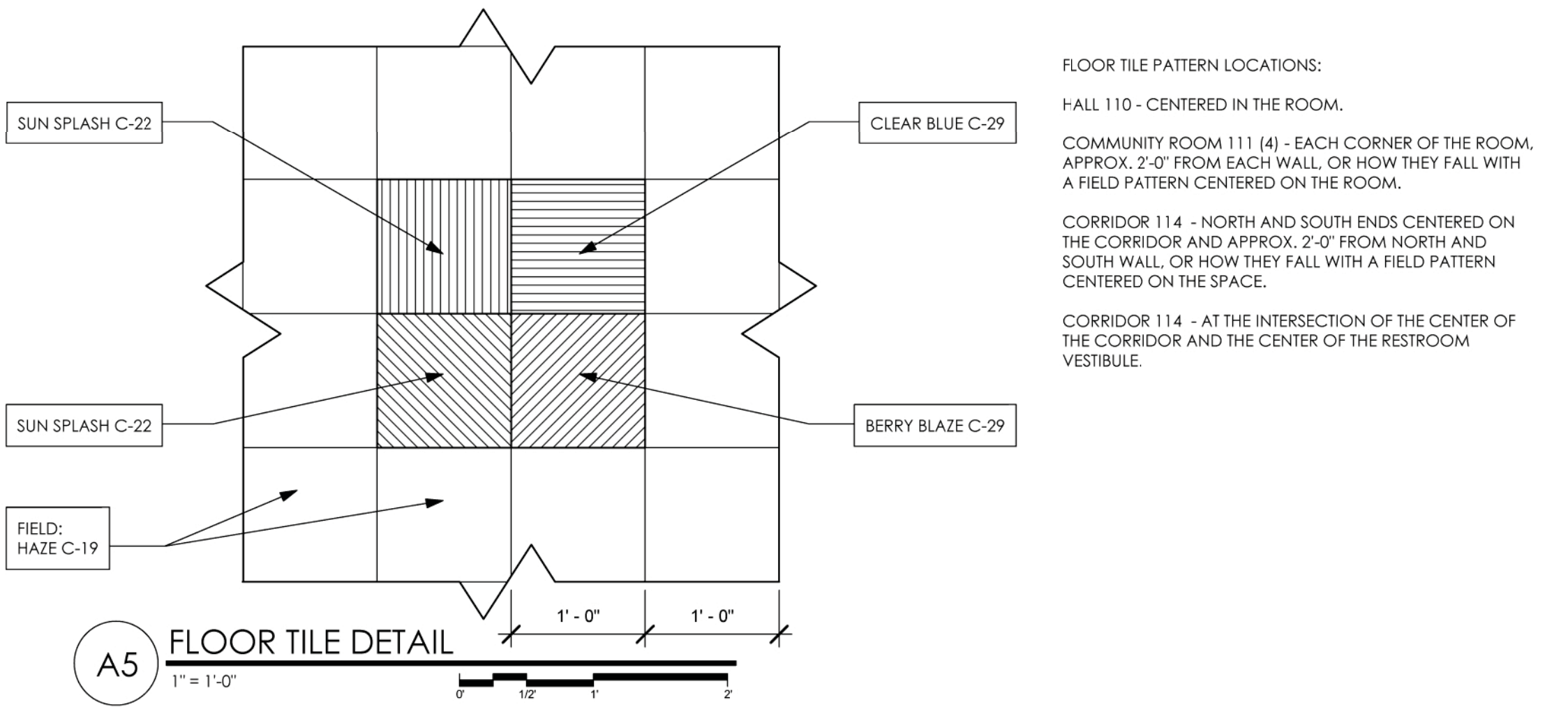
- | | | | |
|----|--|----|---|
| 1 | EXISTING WHEELCHAIR LIFT TO REMAIN | 11 | HI-LO DRINKING FOUNTAIN |
| 2 | BLOCK INFILL. PATCH AND REPAIR PLASTER TO MATCH EXISTING | 12 | EXISTING CLINIC WALL TO REMAIN |
| 3 | METAL STUD INFILL. PATCH AND REPAIR PLASTER TO MATCH EXISTING | 13 | EXISTING GENERATOR ON CONCRETE SLAB |
| 4 | 1" EXPANSION JOINT, TYP. | 14 | EXISTING ELECTRICAL METER CENTER MAIN |
| 5 | EXISTING CONCRETE SIDEWALK TO REMAIN | 15 | TAPER ASPHALT TO MEET CONCRETE SLAB ELEVATION |
| 6 | NEW CONCRETE WALK | 16 | NEW SLAB OVER EXISTING RAMP TO MATCH HEALTH CLINIC SLAB ELEVATION |
| 7 | RELOCATED BLEACHERS. PATCH AND REPAIR EXISTING WALL AS NECESSARY | 17 | CORNER GUARD. SEE FINISH SCHEDULE |
| 8 | SLOPE SLAB FINISH FOR DRAINAGE | 18 | FLOOR TILE PATTERN. SEE DETAIL A5/A-102 |
| 9 | OVERHANG ABOVE | 19 | ROOF ACCESS LADDER |
| 10 | STEEL COLUMN | | |

ROOM FINISH SCHEDULE

ROOM NO.	NAME	FLOOR		BASE		NORTH		EAST		SOUTH		WEST		CEILING		NOTES
		MATL	FIN	MATL	FIN	MATL	FIN	MATL	FIN	MTL	FIN	MATL	FIN	MATL	FIN	
101	COVERED ENTRY															SEE ELEVATIONS FOR EXTERIOR FINISHES
102	OFFICE	A	VCT-1	RWB-1	--	C	P-1	C	P-1	C	P-1	C	P-1	G	ACT-1	
103	OFFICE	A	VCT-1	RWB-1	--	C	P-1	E	P-2	C	P-1	C	P-1	G	ACT-1	
104	GYM	A	ETR	RWB-1	--	ETR	P-2	ETR	P-2	ETR	P-2	ETR	P-2	ETR	ETR	EXISTING SPC-1 TO REMAIN
105	STAGE	F	ETR	RWB-1	--	ETR	P-2	ETR	P-2	ETR	P-2	ETR	P-2	ETR	ETR	INSPECT EXISTING WOOD FLOOR. REPAIR AND REPLACE AS NEEDED
106	STORAGE	ETR	ETR	ETR	--	ETR	P-2	ETR	P-2	ETR	P-2	ETR	P-2	A	ETR	
107	OFFICE	ETR	ETR	ETR	--	ETR	P-2	ETR	P-2	ETR	P-2	ETR	P-2	A	ETR	
108	ELECTRICAL	ETR	ETR	ETR	--	ETR	P-2	ETR	P-2	ETR	P-2	ETR	P-2	A	ETR	
109	STORAGE	ETR	ETR	ETR	--	ETR	P-2	ETR	P-2	ETR	P-2	ETR	P-2	A	ETR	
110	HALL	A	VCT-1	RWB-1	--	--	C	P-1	--	C	P-1	C	P-1	C	P-3	SEE FLOOR PATTERN DETAIL A4/A-102
111	COMMUNITY ROOM	A	VCT-1	RWB-1	--	C	P-1	E	P-2	C	P-1	C	P-1	G	ACT-1	SEE FLOOR PATTERN DETAIL A4/A-102
112	STORAGE	A	VCT-1	RWB-1	--	C	P-1	C	P-1	C	P-1	C	P-1	G	ACT-1	
113	WARMING KITCHEN	A	VCT-1	RWB-1	--	C	P-1	C	P-1	C	P-1	C	P-1	G	ACT-1	
114	CORRIDOR	A	VCT-1	RWB-1	--	C	P-1	E	P-2	C	P-1	C	P-1	G	ACT-1	SEE FLOOR PATTERN DETAIL A4/A-102
115	WOMENS RESTROOM	A	CT-1	WT-1	--	C	P-1/WT	C	P-1/WT	C	P-1/WT	C	P-1/WT	G	ACT-1	SEE TILE PATTERNS A-702
116	MENS RESTROOM	A	CT-1	WT-1	--	C	P-1/WT	C	P-1/WT	C	P-1/WT	C	P-1/WT	G	ACT-1	SEE TILE PATTERNS A-702
117	SHOWER	A	CT-1	WT-1	--	C	P-1/WT	C	P-1/WT	C	P-1/WT	C	P-1/WT	C	P-3	SEE TILE PATTERNS A-702
118	JANITOR	A	VCT-1	RWB-1	--	B	P-2	E	P-2	E	P-2	E	P-2	A	--	WT-6 TILE TO 4'-0" AFF AT MOP SINK
119	STORAGE	A	CBF	--	--	B	--	B	--	B	--	E	--	OTA	--	
120	RESTROOM	A	VCT-1	RWB-1	--	E	P-2	C	P-1	E	P-2	C	P-1	G	ACT-1	FINISHES TO MATCH EXISTING CLINIC

MATERIAL AND FINISH CODE LIST

MATERIAL KEY		FINISH KEY	
A	CONCRETE	ACT-1	2' X 2' ACOUSTICAL CEILING TILE
B	CONCRETE MASONRY UNITS	CBF	CONCRETE BROOM FINISH
C	GYPSUM BOARD	CG-1	CORNER GUARD TO 6'-0" AFF - FLEXCO VINYL 2 1/4" X 2 1/4" - CAPPUCINO 065
D	CEMENT BOARD	CT-1	CERAMIC TILE: 12" X 12" FIELD - DAL TILE SUNRISE CP81
E	CEMENT PLASTER	P-1	LATEX PAINT
F	PLYWOOD DECK	P-2	LATEX PAINT
G	2X2 SUSPENDED CEILING	P-3	LATEX PAINT - CEILING
ETR	EXISTING TO REMAIN	RWB-1	RESILIENT WALL BASE - FLEXCO VINYL 6" COVE - CAPPUCINO 065
OTA	OPEN TO ABOVE	SPC-1	SPORT COURT
		VCT-1	VINYL TILE: 12" X 12" - FLEXCO - HAZE C-19
		VCT-2	VINYL TILE: 12" X 12" COLOR BLOCK - FLEXCO - SUN SPLASH C-22, CLEAR BLUE C-27, COOL CUCUMBER C-25, BERRY BLAZE C-29
		WT-1	WALL TILE: 6" X 4" BASE - DAL TILE - VANILLA QH23 SEMIGLOSS
		WT-2	WALL TILE: 12" X 12" FIELD @ 45 DEGREES - DAL TILE - PORCELAIN BEIGE CD31 UNPOLISHED
		WT-3	WALL TILE: 6" X 4" TRIM - DAL TILE - VANILLA QH23 SEMIGLOSS
		WT-4A	WALL TILE: 6" X 6" BAND - DAL TILE - AEGEAN QH31 SEMIGLOSS
		WT-4B	WALL TILE: 6" X 6" BAND - DAL TILE - PERIWINKLE QH31 SEMIGLOSS
		WT-4C	WALL TILE: 6" X 6" BAND - DAL TILE - DAISY QH97 SEMIGLOSS
		WT-4D	WALL TILE: 6" X 6" BAND - DAL TILE - CANDY APPLE QH93 SEMIGLOSS
		WT-5	WALL TILE: 6" X 4" TRIM BULLNOSE - DAL TILE - VANILLA QH23 SEMIGLOSS
		WT-6	WALL TILE: 6" X 6" FIELD SHOWER - DAL TILE - PORCELAIN MANDORLA CON SPEZIA CD78 UNPOLISHED



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ARCHITECTURAL PLAN
1/8" = 1'-0"

members of



CONSULTANT:

CLIENT / PROJECT NAME:
CITY OF KEY WEST
RENOVATION TO

**FREDERICK DOUGLASS
RECREATION CENTER**

111 OLIVIA STREET
KEY WEST, FL 33040

BID SET

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:
REFLECTED CEILING PLAN

REVISIONS:

DATE ISSUED: 03/28/2016
PROJECT NO.: 12.0D01

DRAWING NUMBER:

A-103

SHEET: 27 OF 68

GENERAL NOTES

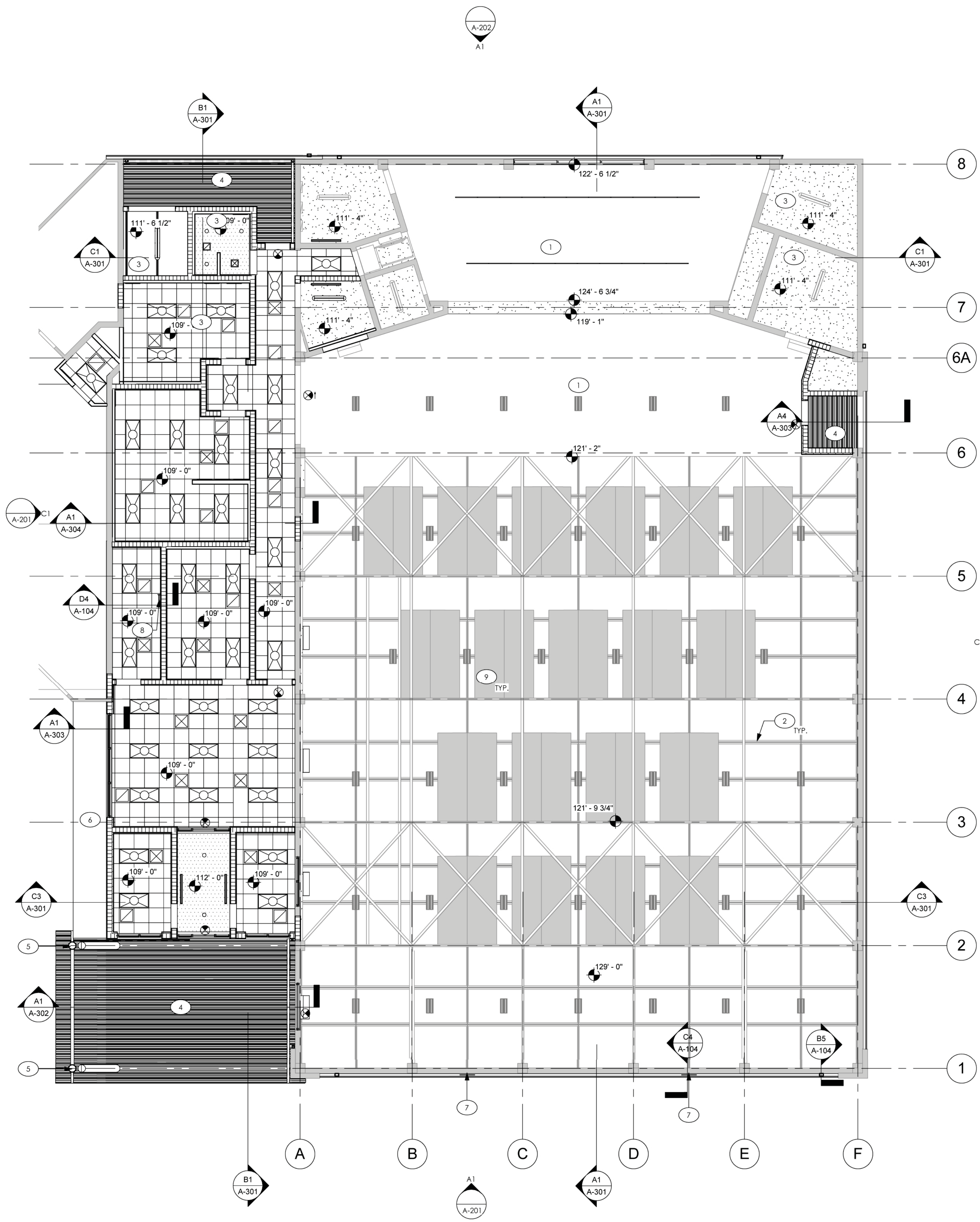
1. REVIEW ALL PROPOSED CONSTRUCTION BEFORE COMMENCING WORK.
2. FURNISH AND INSTALL ALL NEW CEILINGS AS INDICATED ON THE DRAWINGS AND IN THE ROOM FINISH SCHEDULE.
3. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, & FIRE PROTECTION DRAWINGS FOR COORDINATION OF ALL TRADES AND ASSOCIATED WORK.
4. ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER ENGINEERING DRAWINGS FOR SCHEDULE OF LIGHT FIXTURES.
5. CEILING HEIGHTS INDICATED ARE RELATIVE TO FINISH FLOOR HEIGHT WHERE CEILING TAG IS LOCATED.
6. ALL ACOUSTICAL CEILING TILE IS TO BE CENTERED IN THE ROOM.
7. WHERE ACOUSTICAL PANELS ARE REQUIRED TO BE CUT, CUT THE PANELS TO MAINTAIN A SHARP AND NEAT EDGE.

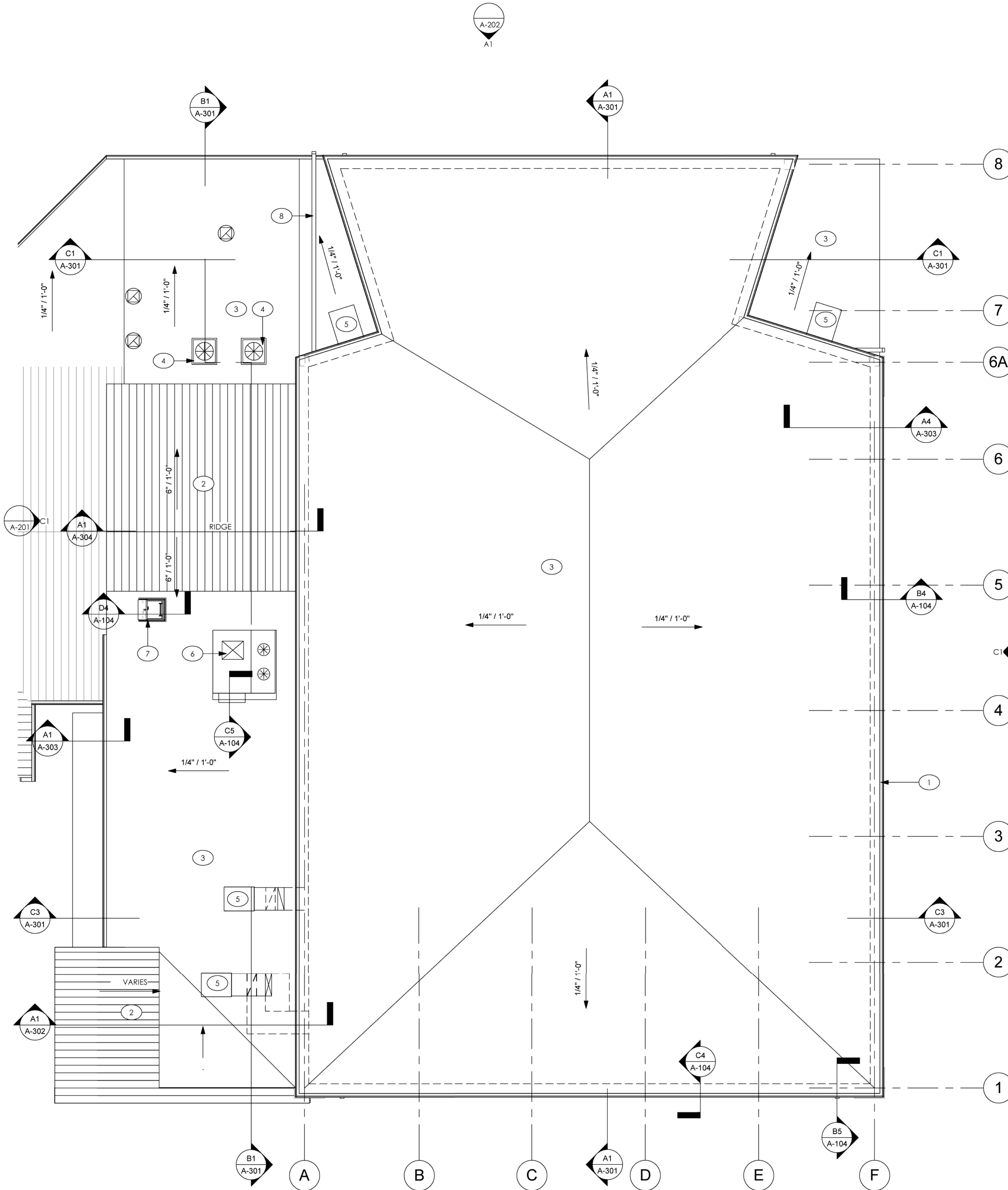
SHEET KEYNOTES

1. EXISTING GYPSUM CEILING SOFFIT
2. EXISTING STEEL TRUSS
3. OPEN TO ABOVE
4. EXTRUDED ROOF DECK CEILING SYSTEM
5. STEEL COLUMN
6. ALUMINUM AWNING
7. EXISTING FANS TO BE REMOVED; 6" METAL STUD INFILL WITH CEMENT PLASTER EACH SIDE, ALIGN WITH INTERIOR FINISH
8. ROOF ACCESS LADDER
9. EXISTING ACOUSTIC PANEL TO REMAIN

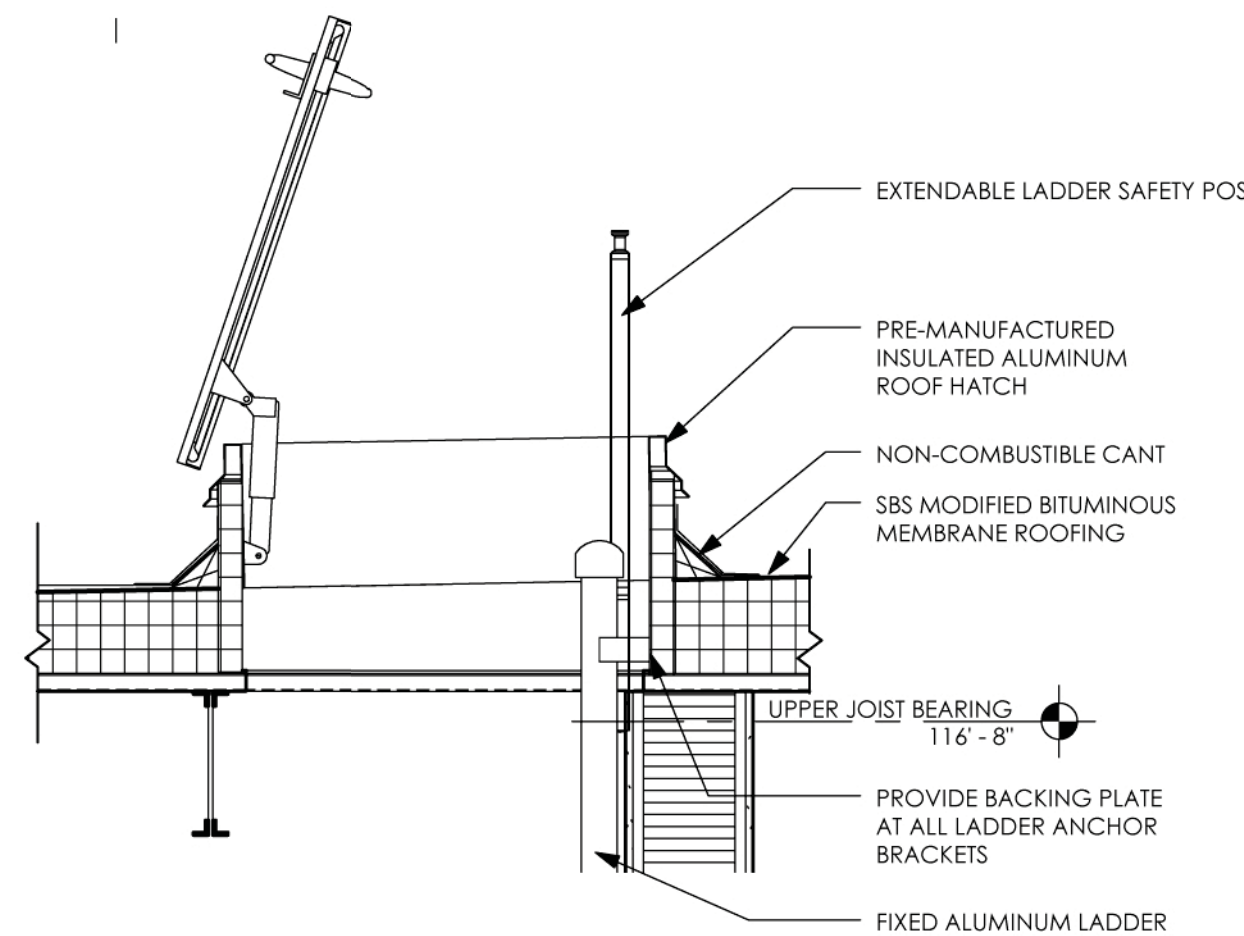
CEILING LEGEND

- GYPSUM BOARD
- CONCRETE DECK
- 2' X 2' ACOUSTICAL LAY IN CEILING
- CEILING HEIGHT SYMBOL
- DIFFUSERS (CEILING MOUNTED)
- DIFFUSERS (DUCT MOUNTED)
- EMERGENCY LIGHT, BATTERY POWERED
- EMERGENCY LIGHT/EXIT SIGN COMBINATION, BATTERY POWERED
- CEILING MOUNTED ILLUMINATED EXIT SIGN
- WALL MOUNTED ILLUMINATED EXIT SIGN
- 2' X 4' RECESSED LIGHT FIXTURE
- LOW PROFILE T5 STRIP LIGHT
- INDUSTRIAL LOW BAY SUSPENDED LIGHT FIXTURE
- EXISTING ACOUSTIC PANEL
- EXTRUDED ROOF DECK CEILING SYSTEM





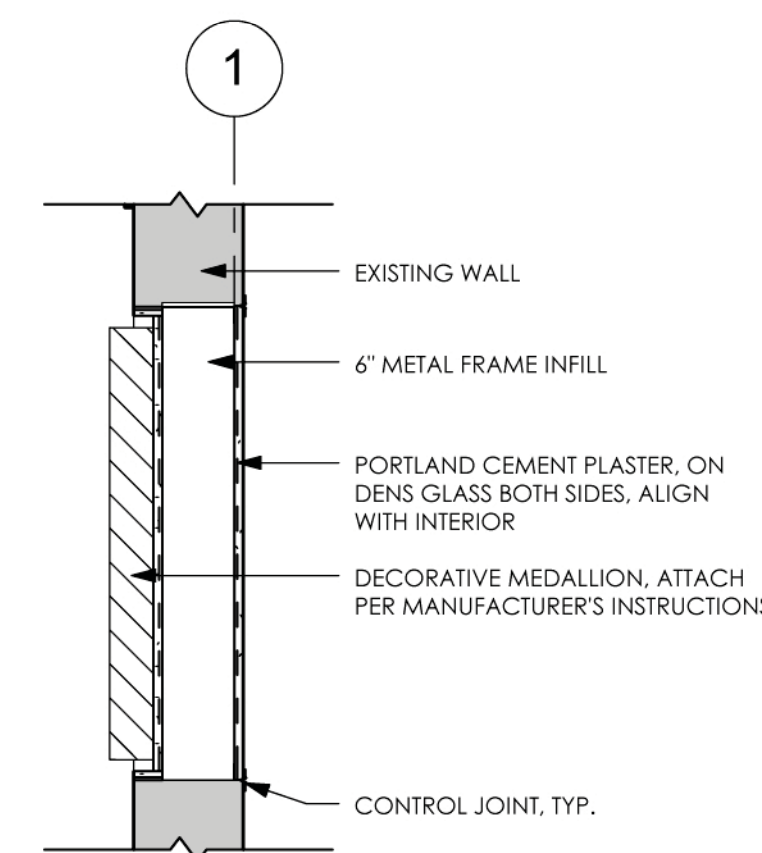
ROOF PLAN
1/8" = 1'-0"



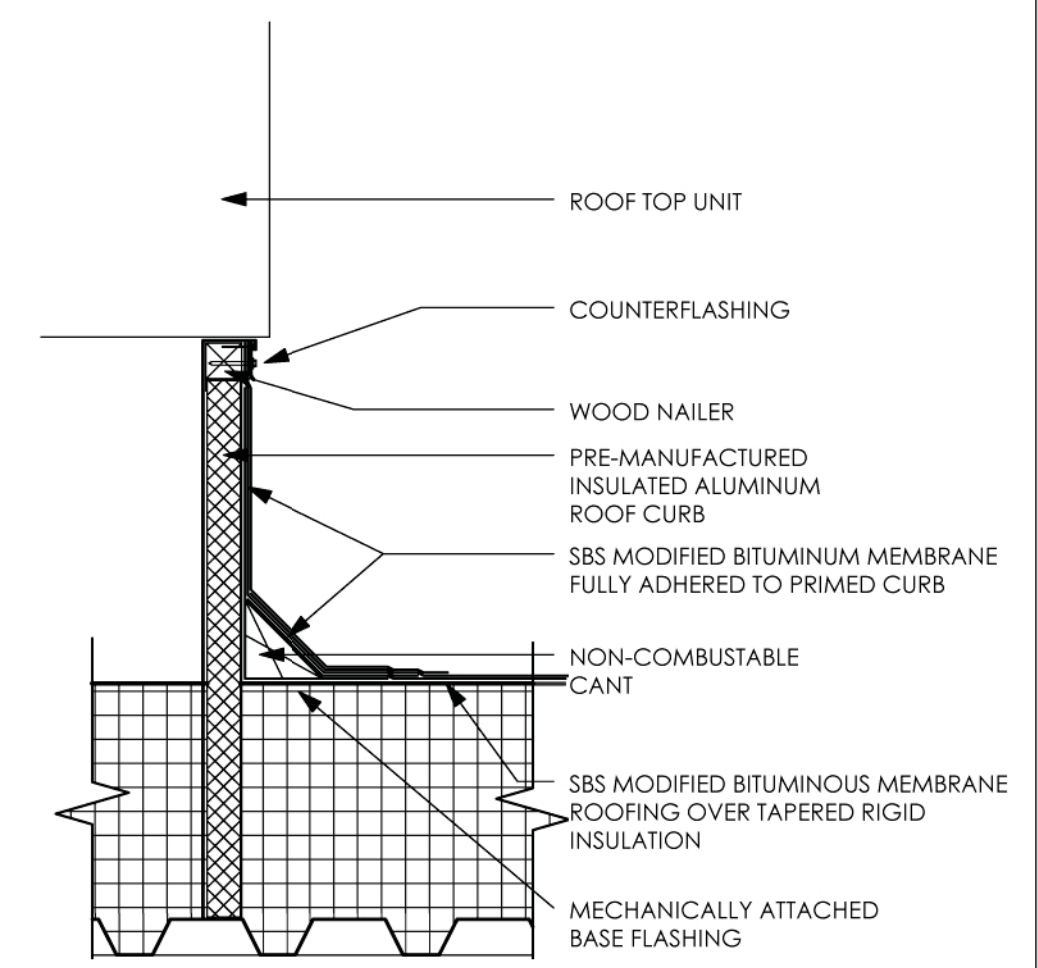
D4 ROOF HATCH DETAIL
3/4" = 1'-0"

SHEET KEYNOTES

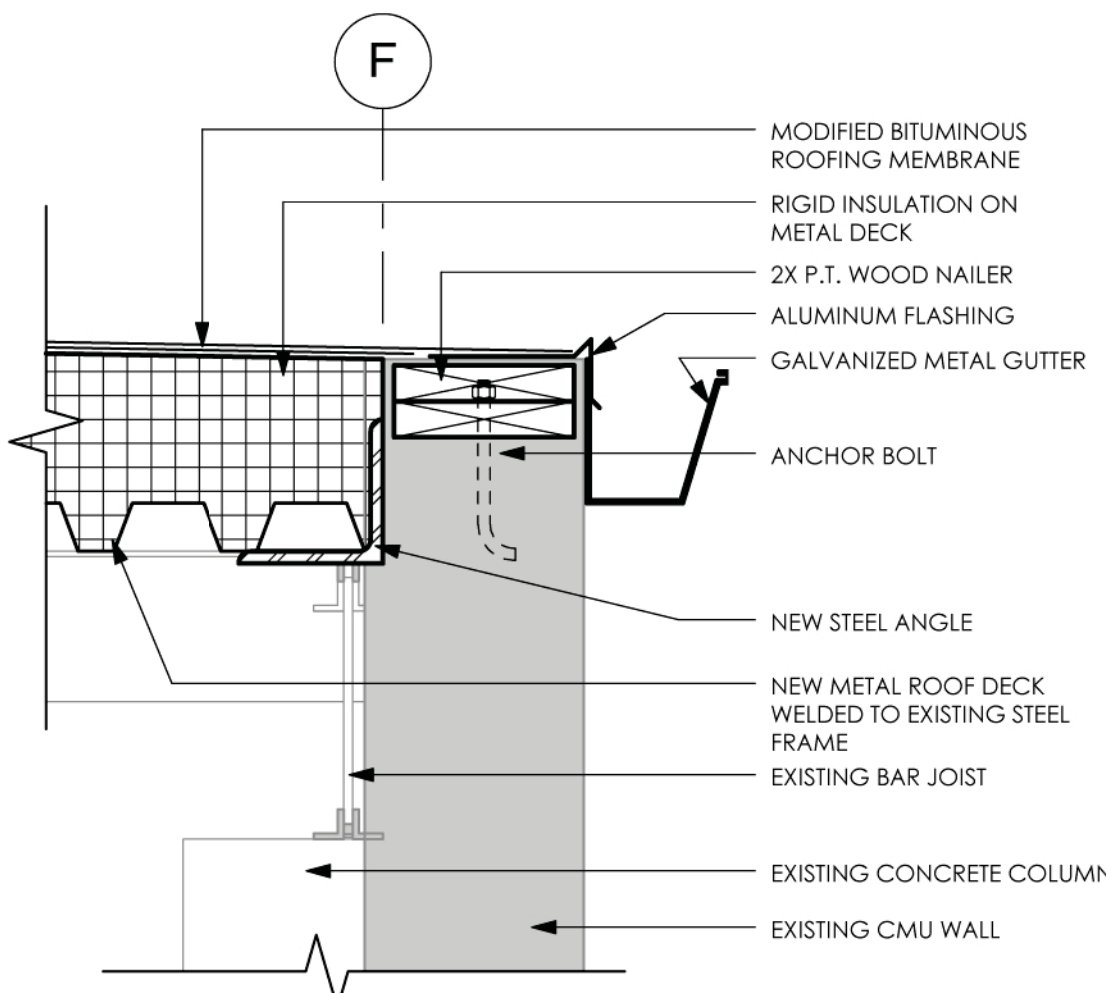
- GALVANIZED ALUMINUM GUTTER
- STANDING SEAM ALUMINUM ROOF
- BUILT-UP ROOF
- NEW COMPRESSOR UNIT
- RELOCATED EXISTING RTU
- NEW OUTSIDE AIR UNIT
- ROOF ACCESS HATCH
- GALVANIZED ALUMINUM DOWNSPOUT



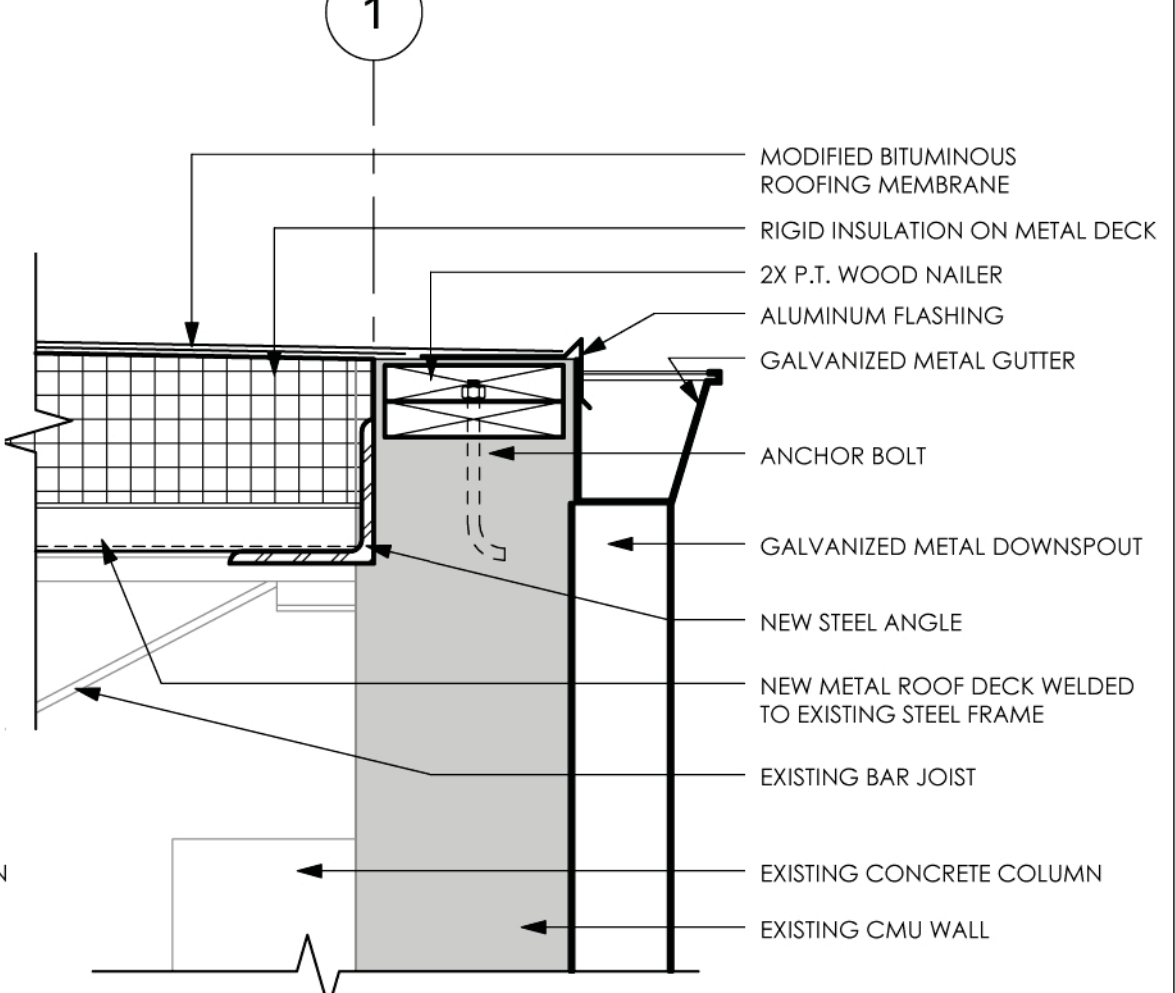
C4 MEDALLION DETAIL
3/4" = 1'-0"



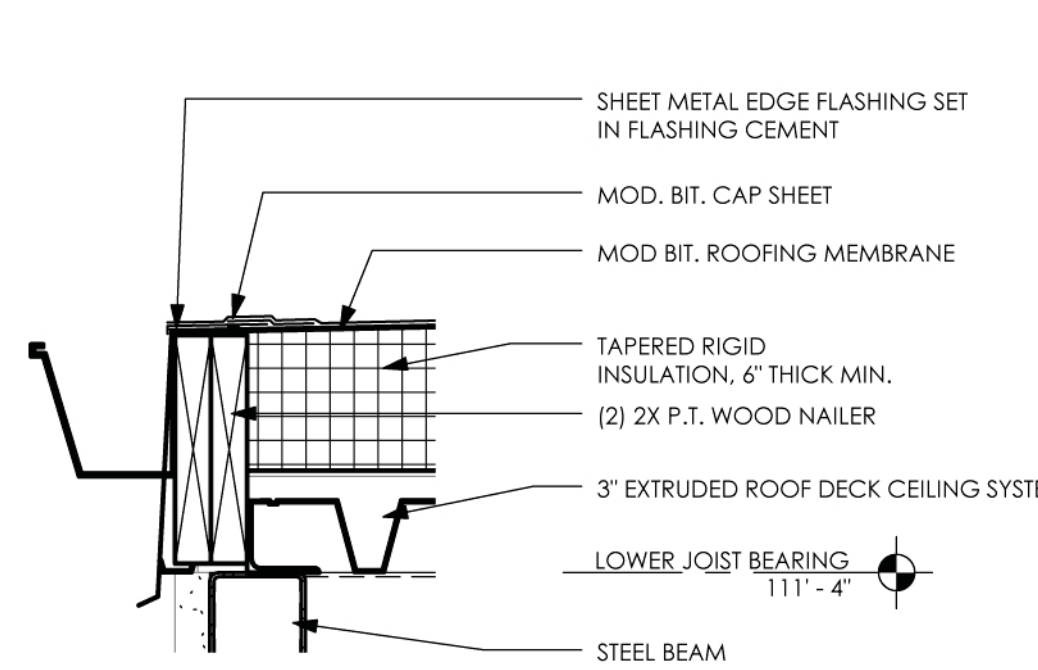
C5 ROOF CURB DETAIL
1 1/2" = 1'-0"



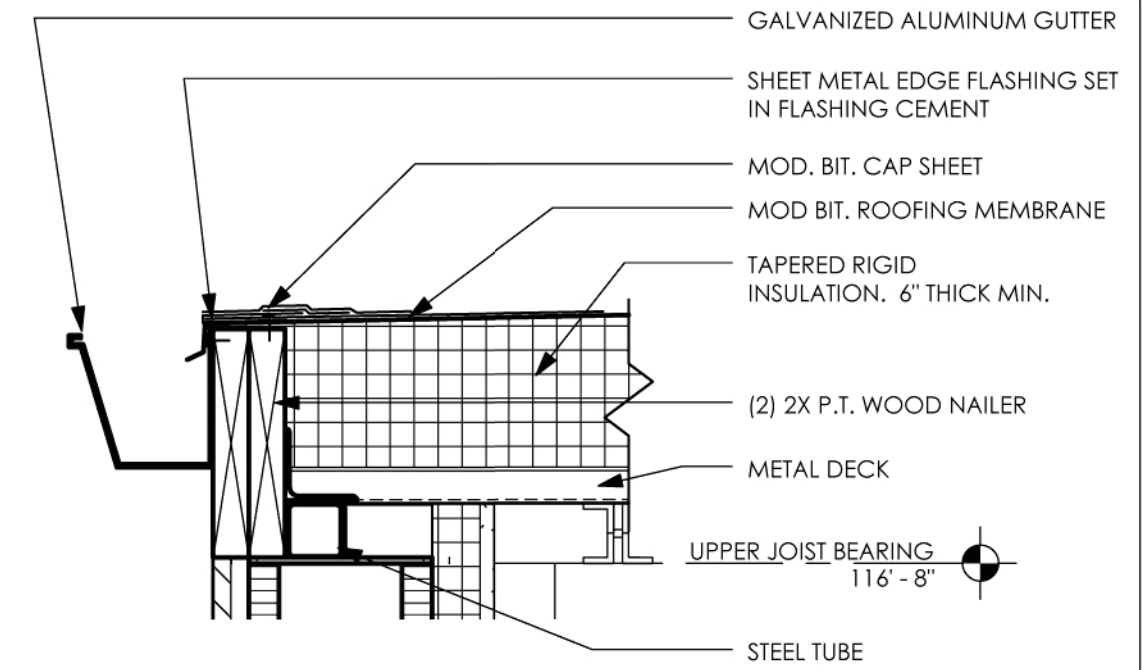
B4 TYPICAL HIGH BAY GUTTER DETAIL
1 1/2" = 1'-0"



B5 TYPICAL DOWNSPOUT DETAIL
1 1/2" = 1'-0"



A4 ROOF EDGE DETAIL @ NW EXIT
1 1/2" = 1'-0"



A5 MOD BIT GUTTER DETAIL @ COMM ROOM
1 1/2" = 1'-0"

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EQUIPMENT SCHEDULE 'A'-FURNISHED & INSTALLED BY CONTRACTOR

MARK	DESCRIPTION	MODEL	MANUFACTURER	DEPTH	WIDTH	NOTES
TOILET ACCESSORIES						
MARK	DESCRIPTION	MODEL	MANUFACTURER	DEPTH	WIDTH	CATALOG #
TA-1	36" STAINLESS STEEL GRAB BAR WITH SNAP FLANGE					BOBRICK B-6806 x 36
TA-2	42" STAINLESS STEEL GRAB BAR WITH SNAP FLANGE					BOBRICK B-6806 x 42
TA-3	SURFACE MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER					BOBRICK B-2888
TA-4	SURFACE MOUNTED SOAP DISPENSER					BOBRICK B-2111
TA-5	MIRROR WITH STAINLESS STEEL CHANNEL FRAME - HANDICAP ACCESSIBLE					BOBRICK B-165 2448
TA-6	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL					BOBRICK B-270
TA-7	SURFACE MOUNTED PAPER TOWEL DISPENSER/ WASTE RECEPTACLE					BOBRICK B-43699
TA-8	36" x 18" STAINLESS STEEL ADA SHOWER GRAB BAR					BOBRICK B-6137
TA-9	ROBE / TOWEL HOOKS					BOBRICK B-6717
TA-10	STAINLESS STEEL MOP & BROOM HOLDER					BOBRICK B223 x 24
TA-11	ADA RESTROOM SIGNAGE					

NOTE:
1. REFER TO A-400 & A-700 SHEETS FOR LOCATION OF TOILET FIXTURES & ACCESSORIES

EQUIPMENT SCHEDULE 'B'-FURNISHED BY OWNER & INSTALLED BY CONTRACTOR

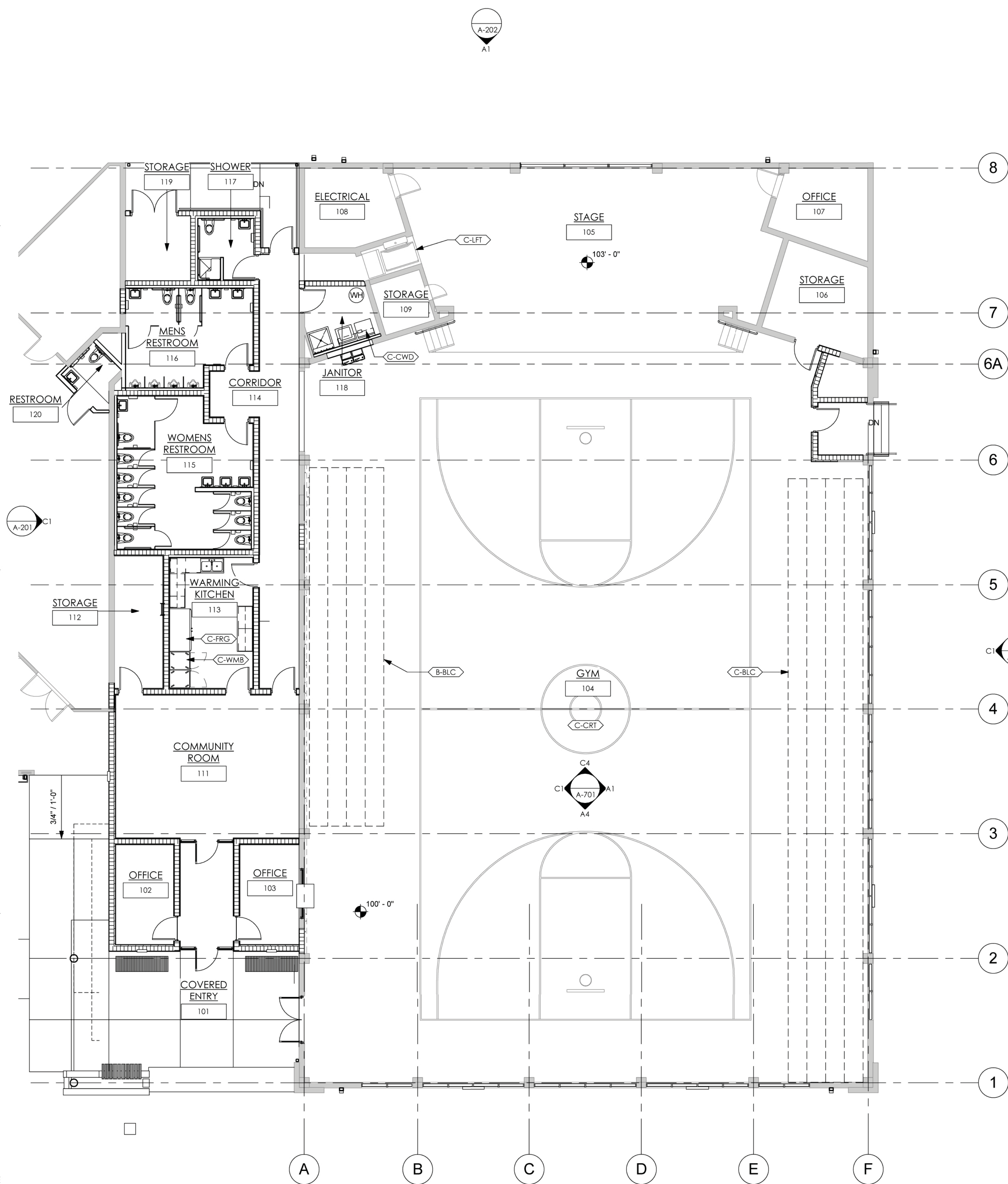
MARK	DESCRIPTION	MODEL	MANUFACTURER	DEPTH	WIDTH	NOTES
B-BLC	RELOCATED BLEACHERS	EXISTING TO REMAIN	EXISTING	10' - 0"	48' - 0"	

EQUIPMENT SCHEDULE 'C'-FURNISHED BY OWNER & INSTALLED BY OWNER (OTHERS)

MARK	DESCRIPTION	MODEL	MANUFACTURER	DEPTH	WIDTH	NOTES
C-BLC	BLEACHERS	EXISTING TO REMAIN	EXISTING	10' - 0"	80' - 9"	COVER AND PROTECT DURING CONSTRUCTION
C-CRT	COURT SURFACE	EXISTING TO REMAIN	EXISTING	83' - 4"	44' - 4"	COVER AND PROTECT DURING CONSTRUCTION
C-CWD	COMMERCIAL WASHER/DRYER	TBD	TBD	2' - 6"	2' - 3"	
C-FRG	COMMERCIAL REFRIGERATOR/FREEZER	TBD	TBD	3' - 0"	6' - 0"	
C-LFT	ADA LIFT	EXISTING TO REMAIN	EXISTING	7' - 0"	3' - 4"	
C-WMB	FOOD WARMING BOX	TBD	TBD	2' - 10"	2' - 4"	

OWNER TO PROVIDE LIST OF ALL FURNITURE & EQUIPMENT TO BE RELOCATED INTO THIS SPACE

GENERAL NOTES:
1. FF&E IS PROVIDED FOR COORDINATION ONLY
2. INTERIOR WALL PARTITIONS, SYSTEMS FURNITURE & SEATING SHOWN IN EQUIPMENT SCHEDULE 'C' IS NOT IN CONTRACT & PROVIDED BY OTHERS
3. DIMENSIONS PROVIDED ON THIS SHEET MUST BE FIELD VERIFIED PRIOR TO FABRICATION OR ORDERING OF EQUIPMENT



FURNITURE, FIXTURES AND EQUIPMENT PLAN
1/8" = 1'-0"

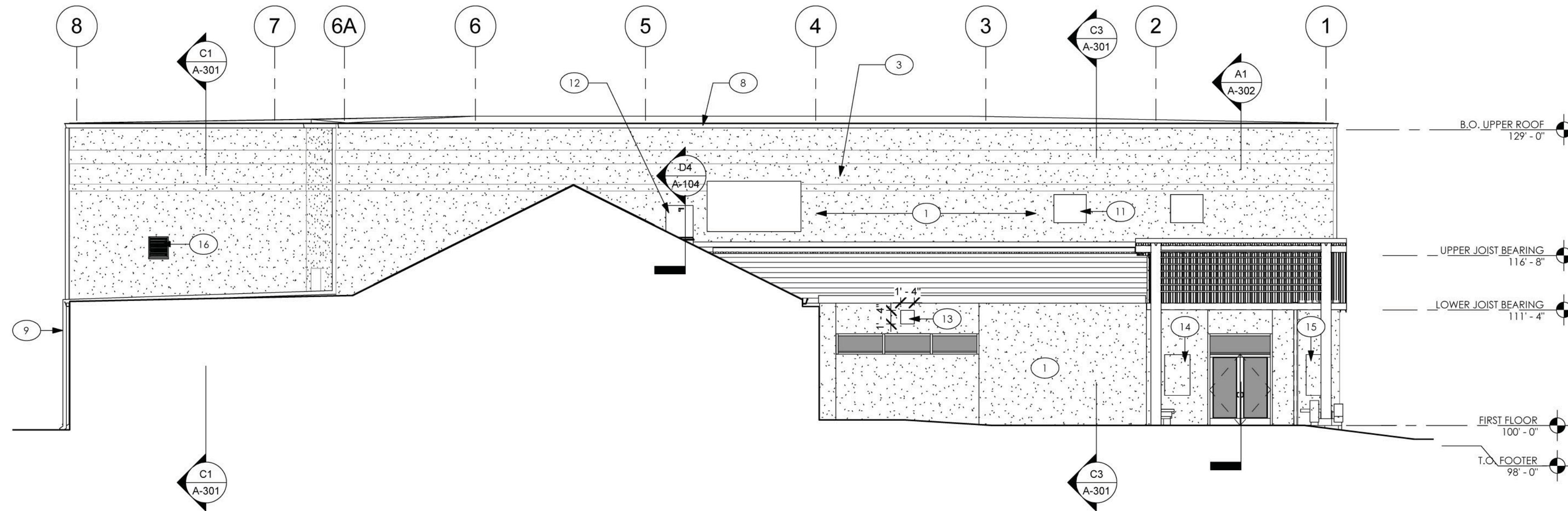


SHEET KEYNOTES

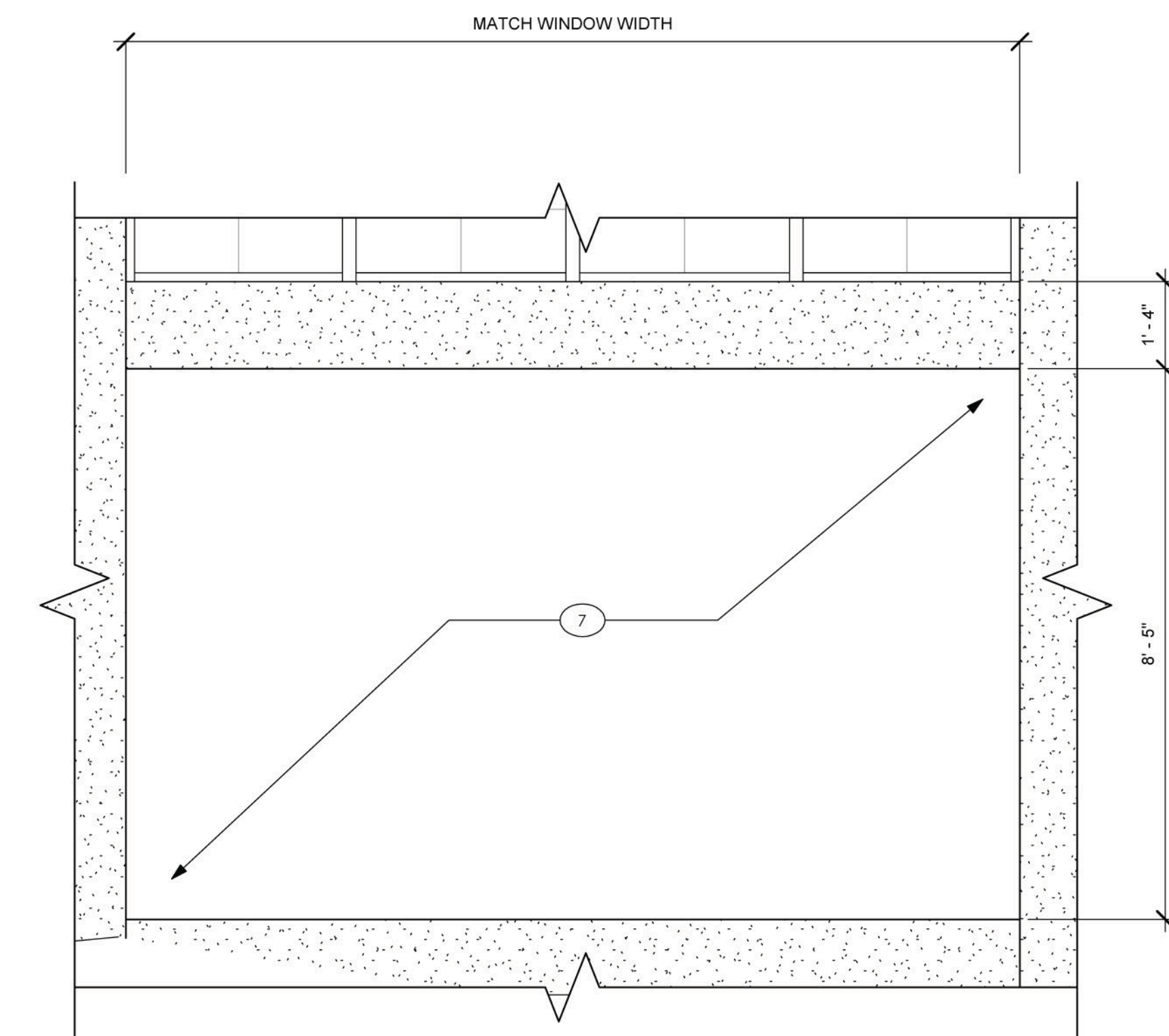
- 1 PAINT OVER EXISTING STUCCO PLASTER
- 2 TRANSLUCENT GLAZING SYSTEM
- 3 DECORATIVE COLOR BAND SEE B4/A-202
- 4 RAISED PLASTER
- 5 MURAL PANEL. SEE A4/A-201
- 6 NEW CONTROL JOINT
- 7 ONE COAT CEMENT PLASTER OVER CMU-SMOOTH FINISH
- 8 GALVANIZED ALUMINUM GUTTER
- 9 GALVANIZED ALUMINUM DOWNSPOUT
- 10 CONCRETE SPLASH BLOCK
- 11 RELOCATED EXISTING RTU
- 12 ROOF ACCESS HATCH
- 13 DECORATIVE MEDALLION. SEE DETAIL A5/A-202
- 14 INSTALL EXISTING HISTORICAL PLAQUE
- 15 INSTALL NEW PLAQUE. SEE DETAIL A4/A-202
- 16 MECHANICAL LOUVER

EXTERIOR FINISH MATERIALS LEGEND

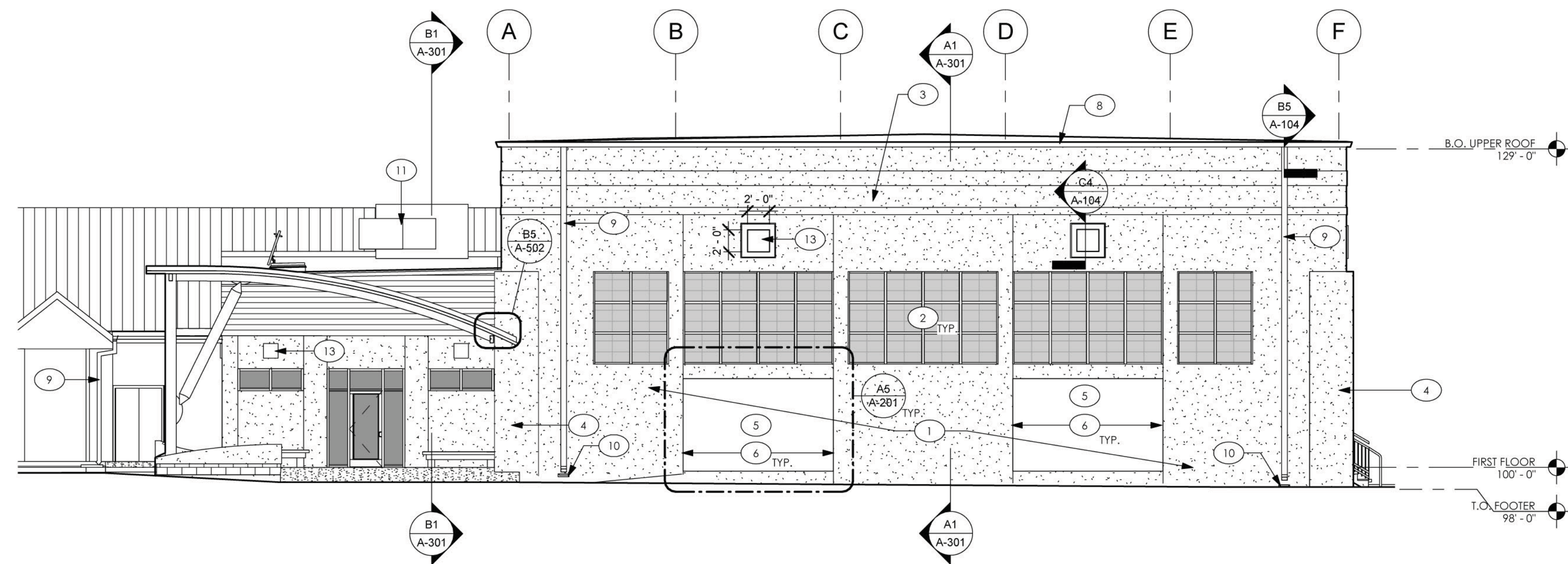
1. PAINTED COMPONENTS ARE TO BE DETERMINED WITH 4'-0" X 4'-0" TEST SWATCHES IN THE FIELD FROM THE FOLLOWING OPTIONS:
 STUCCO PLASTER:
 BUILDING FIELD COLOR OPTIONS: SW6154 NACRE
 SW6168 MODERNE WHITE
 SW6161 NONCHALANT WHITE
 RAISED PILASTER: SW7052 GRAY AREA
 RAISED CORNICE BAND
 TOP AND BOTTOM BAND: SW7562 ROMAN COLUMN
 ACCENT STRIP OPTIONS: SW6176 LIVABLE GREEN
 SW6177 SOFTENED GREEN
 SW6192 COSTAL PLAIN
 SW6179 ARTICHOKE
 METAL SIDING: CENTRIA 9962 XL SILVER GRAY
 HOLLOW METAL DOORS: SW7052 GRAY AREA



C1 WEST ELEVATION
1/8" = 1'-0"



A5 MURAL PANEL
1/2" = 1'-0"



A1 SOUTH ELEVATION
1/8" = 1'-0"

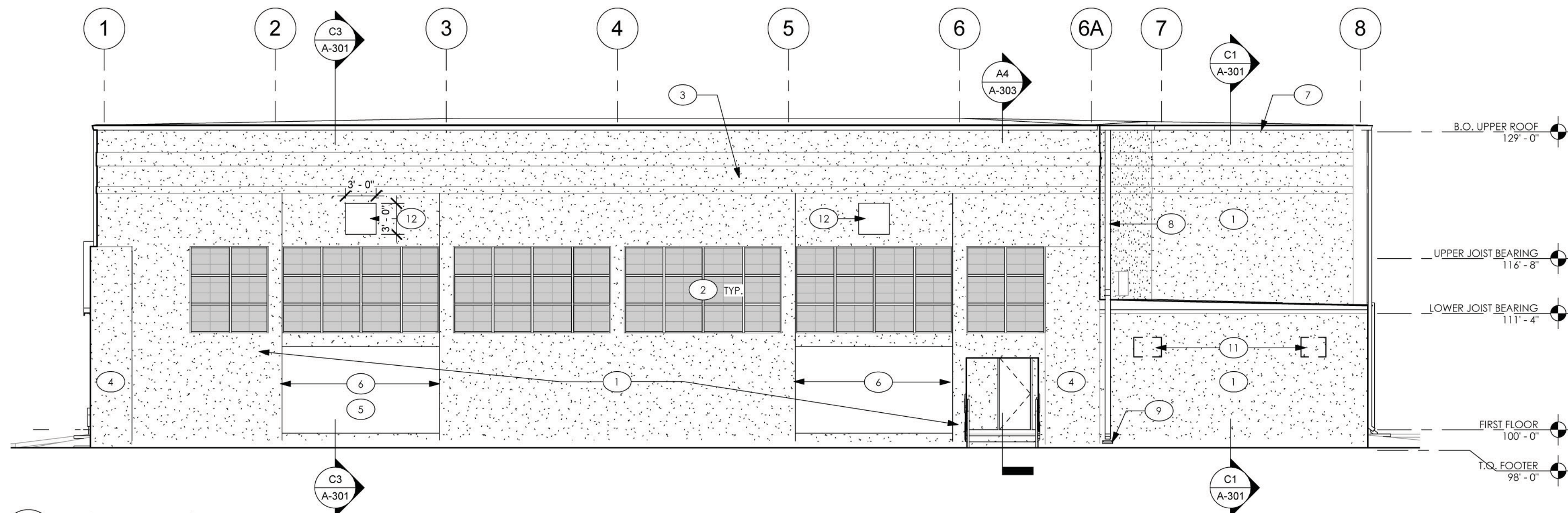


SHEET KEYNOTES

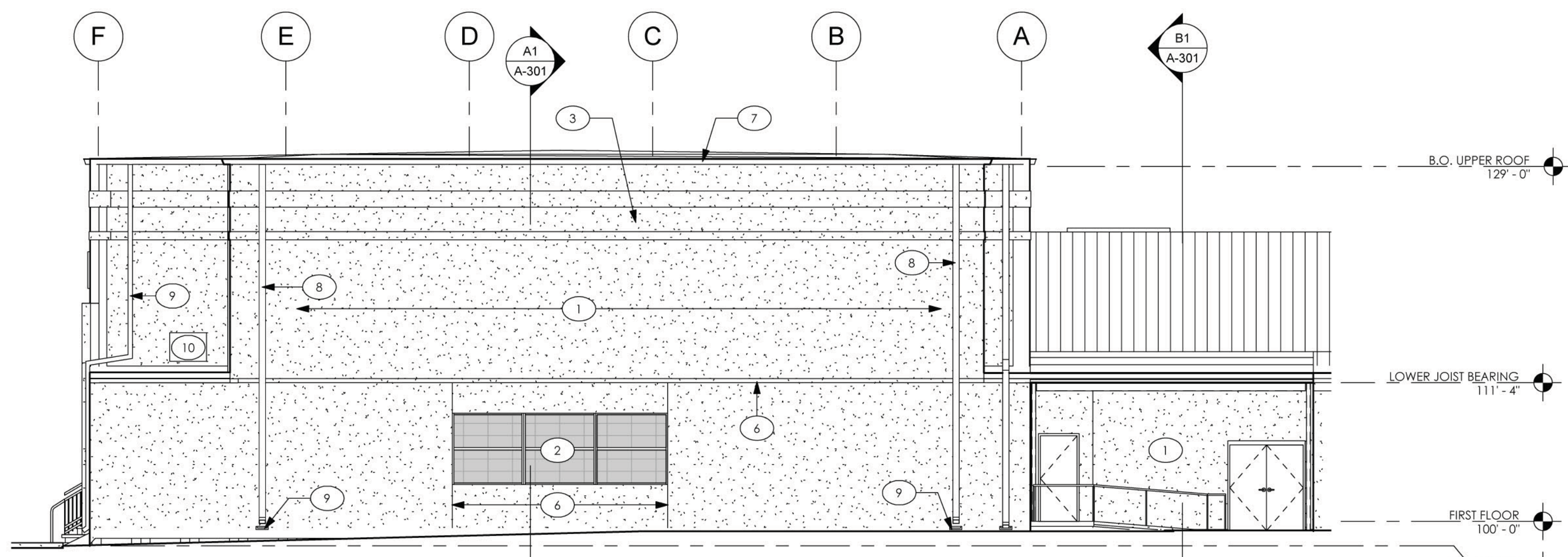
- 1 PAINT OVER EXISTING STUCCO PLASTER
- 2 TRANSLUCENT GLAZING SYSTEM
- 3 RAISED CORNICE BAND
- 4 RAISED PLASTER
- 5 MURAL PANEL. SEE A4/A-201
- 6 NEW CONTROL JOINT
- 7 GALVANIZED ALUMINUM GUTTER
- 8 GALVANIZED ALUMINUM DOWNSPOUT
- 9 CONCRETE SPLASH BLOCK
- 10 RELOCATED EXISTING RTU
- 11 REMOVE EXISTING A/C UNIT
- 12 DECORATIVE MEDALLION. SEE DETAIL A5/A-202

EXTERIOR FINISH MATERIALS LEGEND

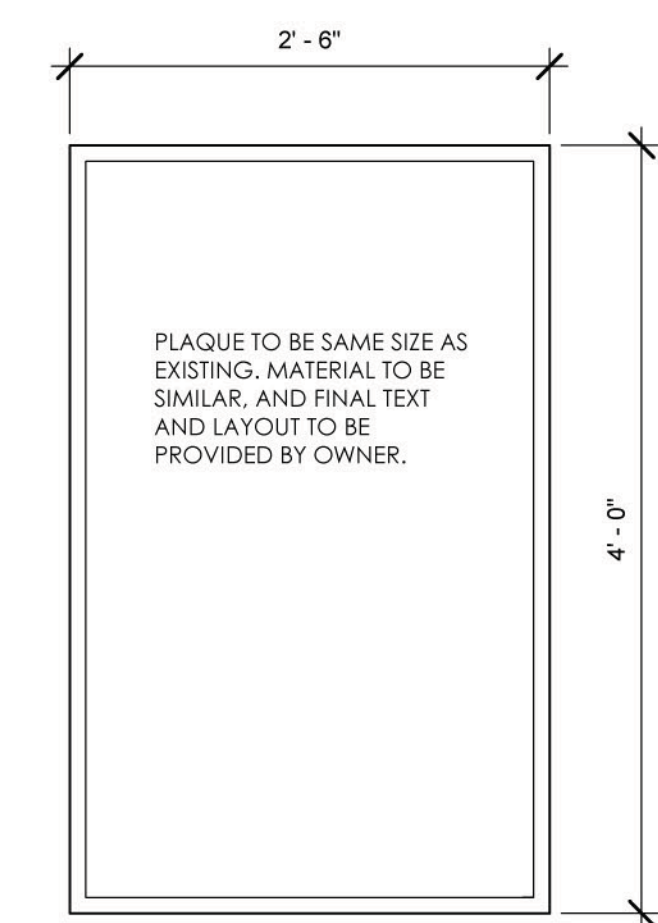
1. PAINTED COMPONENTS ARE TO BE DETERMINED WITH 4'-0" X 4'-0" TEST SWATCHES IN THE FIELD FROM THE FOLLOWING OPTIONS:
 STUCCO PLASTER:
 BUILDING FIELD COLOR OPTIONS: SW6154 MACRE, SW6168 MODERNE WHITE, SW6161 NONCHALANT WHITE
 RAISED PILASTER: SW7052 GRAY AREA
 RAISED CORNICE BAND
 TOP AND BOTTOM BAND: SW7562 ROMAN COLUMN
 ACCENT STRIP OPTIONS: SW6176 LIVABLE GREEN, SW6177 SOFTENED GREEN, SW6192 COSTAL PLAIN, SW6179 ARTICHOKE
 METAL SIDING: CENTRIA 9962 XL SILVER GRAY
 HOLLOW METAL DOORS: SW7052 GRAY AREA



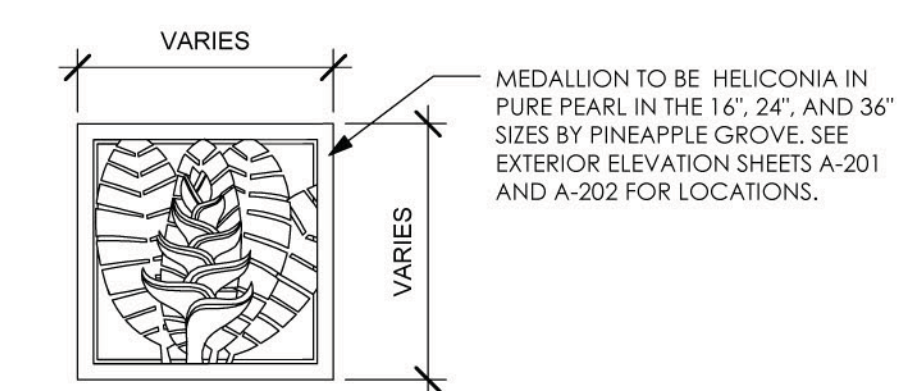
C1 EAST ELEVATION
1/8" = 1'-0"



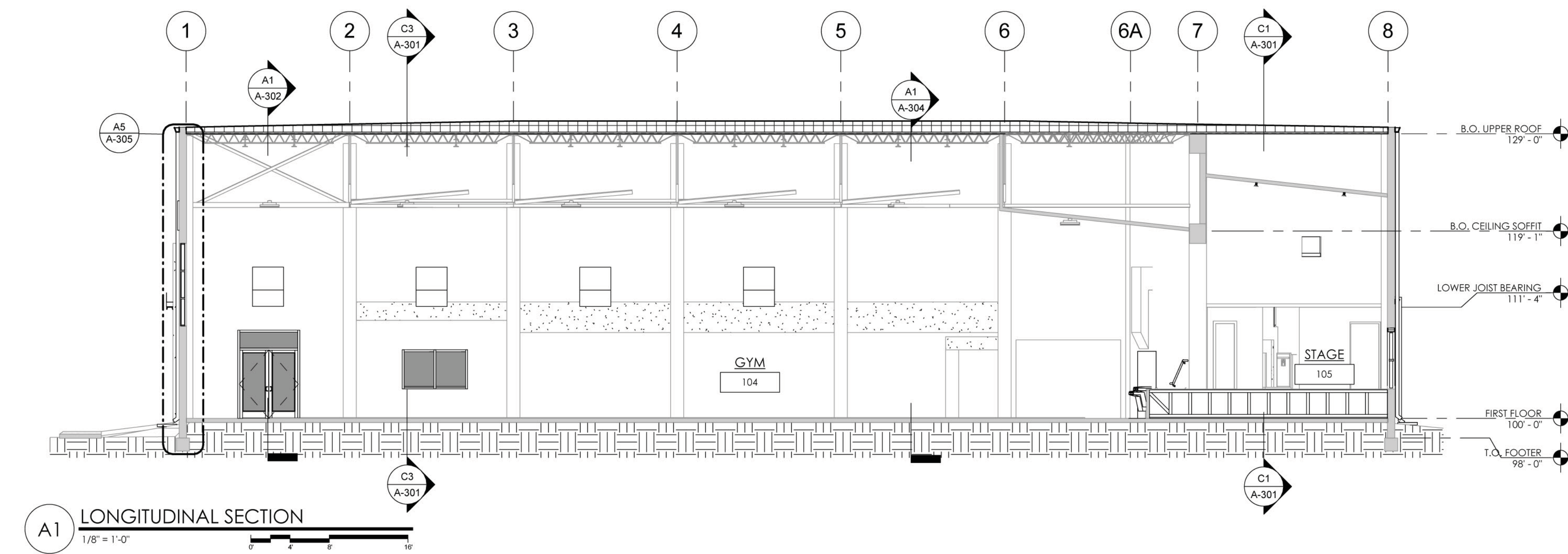
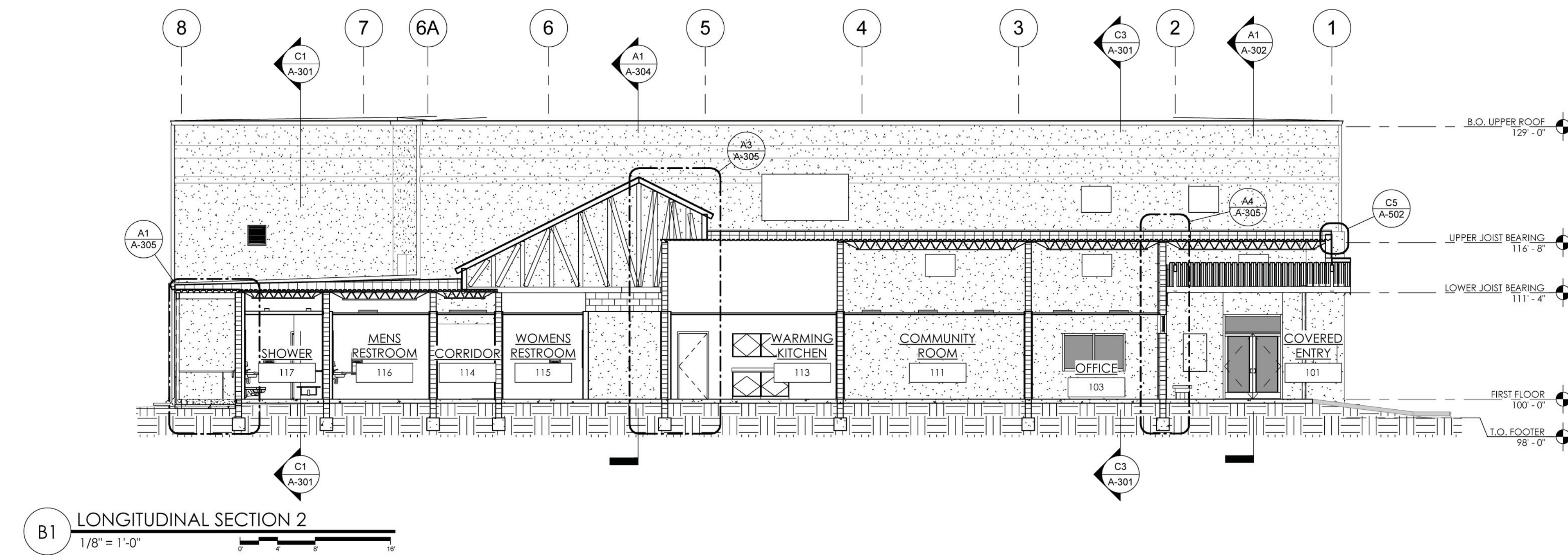
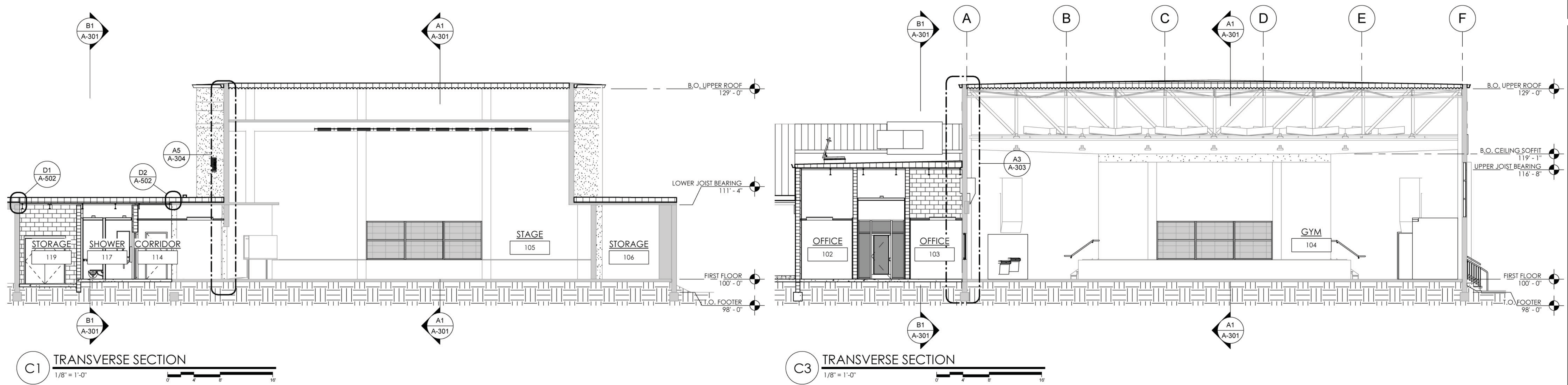
A1 NORTH ELEVATION
1/8" = 1'-0"



A4 NEW PLAQUE
1" = 1'-0"

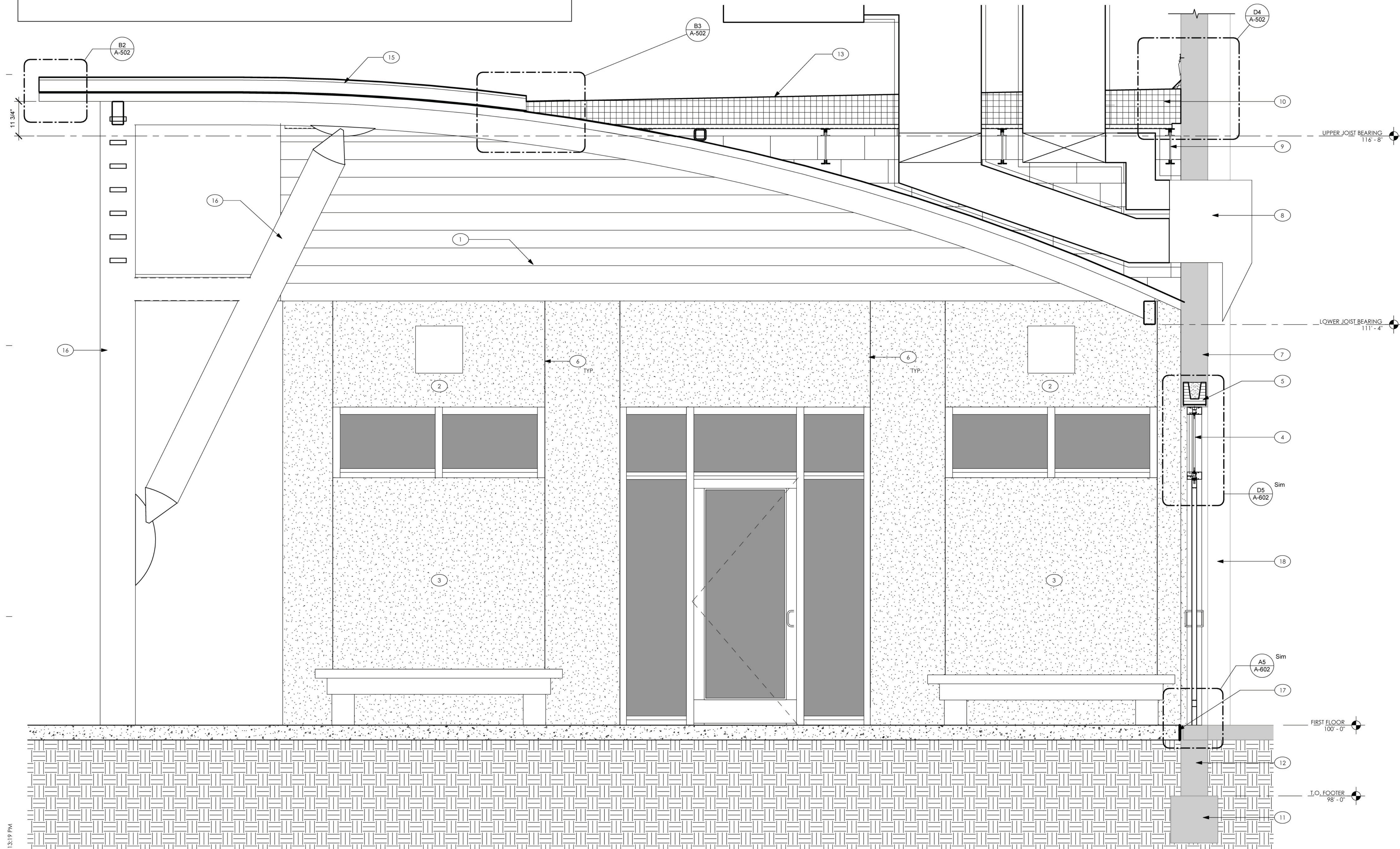


A5 DECORATIVE MEDALLION
1" = 1'-0"



SHEET KEYNOTES

- | | | | |
|---|--|----|--------------------------------|
| 1 | CORRUGATED METAL SIDING | 10 | TAPERED RIGID INSULATION |
| 2 | TWO COAT CEMENT PLASTER OVER CMU-SAND FINISH | 11 | EXISTING FOOTER |
| 3 | ONE COAT CEMENT PLASTER OVER CMU-SMOOTH FINISH | 12 | EXISTING STEMWALL |
| 4 | ALUMINUM STOREFRONT SYSTEM | 13 | MODIFIED BIT. ROOFING MEMBRANE |
| 5 | PRECAST CONCRETE LINTEL | 14 | GALVANIZED ALUMINUM GUTTER |
| 6 | CONTROL JOINT | 15 | STANDING SEAM ALUMINUM ROOF |
| 7 | EXISTING CMU WALL. PATCH & REPAIR PLASTER AS NECESSARY | 16 | STEEL COLUMN |
| 8 | MECHANICAL DUCTWORK | 17 | 1" EXPANSION JOINT |
| 9 | STEEL JOIST | 18 | CMU COLUMN BEYOND |



A1 WALL SECTION
3/4" = 1'-0"



CONSULTANT:

CLIENT / PROJECT NAME:
CITY OF KEY WEST
RENOVATION TO
**FREDERICK DOUGLASS
RECREATION CENTER**

111 OLIVIA STREET
KEY WEST, FL 33040

BID SET

Original drawing is 24"x36". Scale accordingly if reduced.

SHEET TITLE:

WALL SECTIONS

REVISIONS:

DATE ISSUED: 03/28/2016
PROJECT NO.: 12.0001

DRAWING NUMBER:

A-302

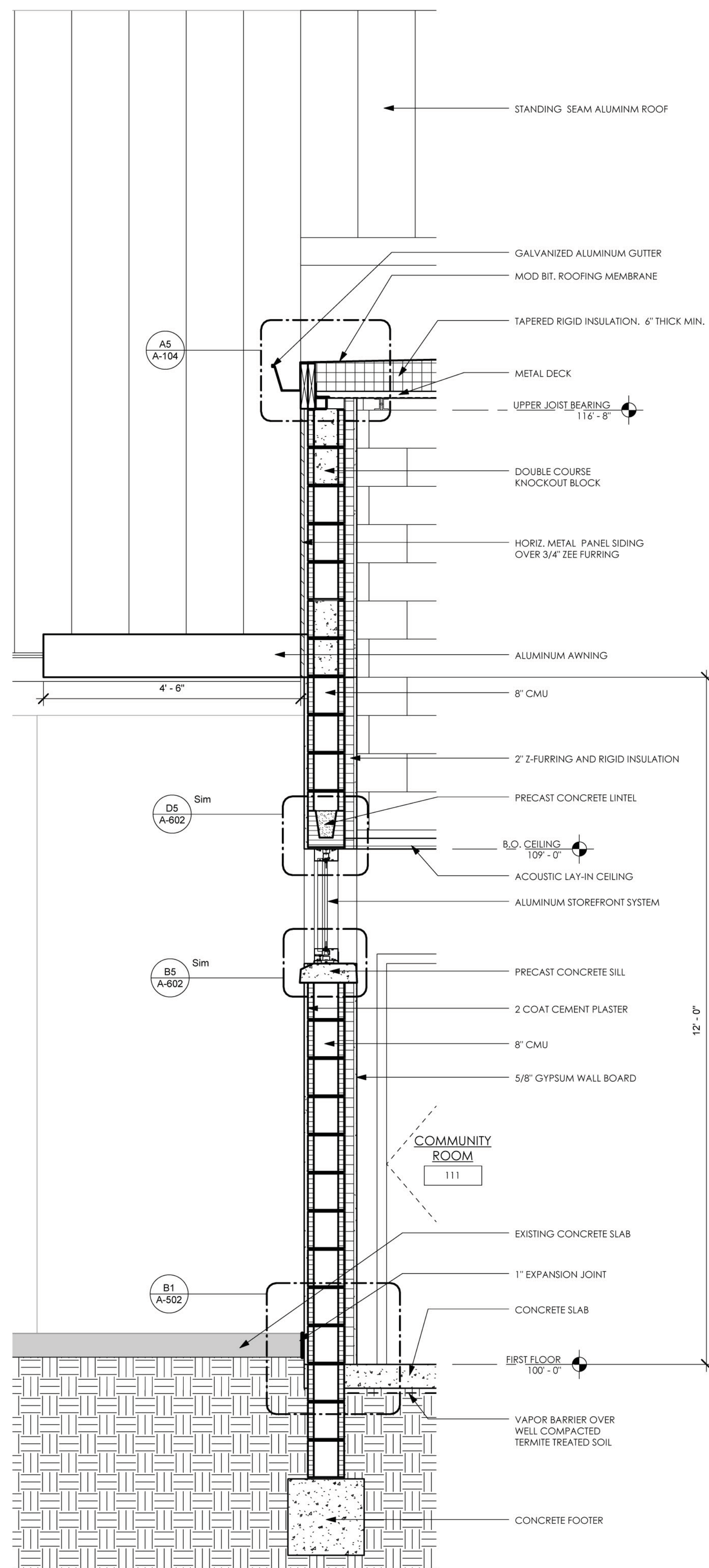
SHEET: 33 OF 68

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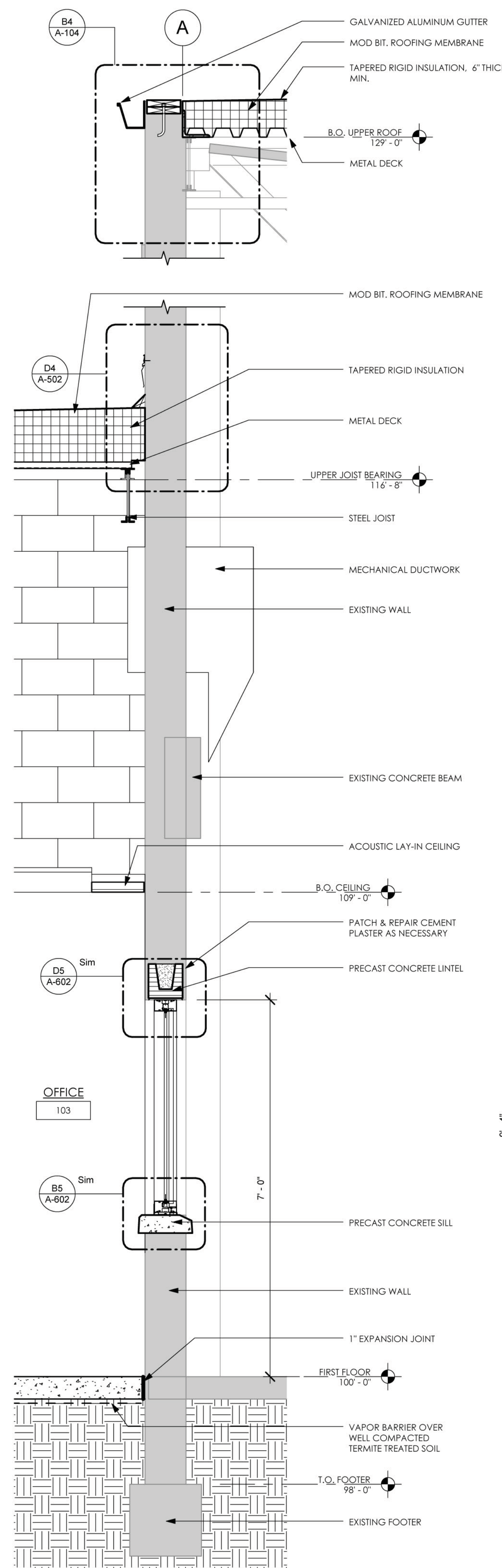
ANDREW M. HAYES
AIA 016166



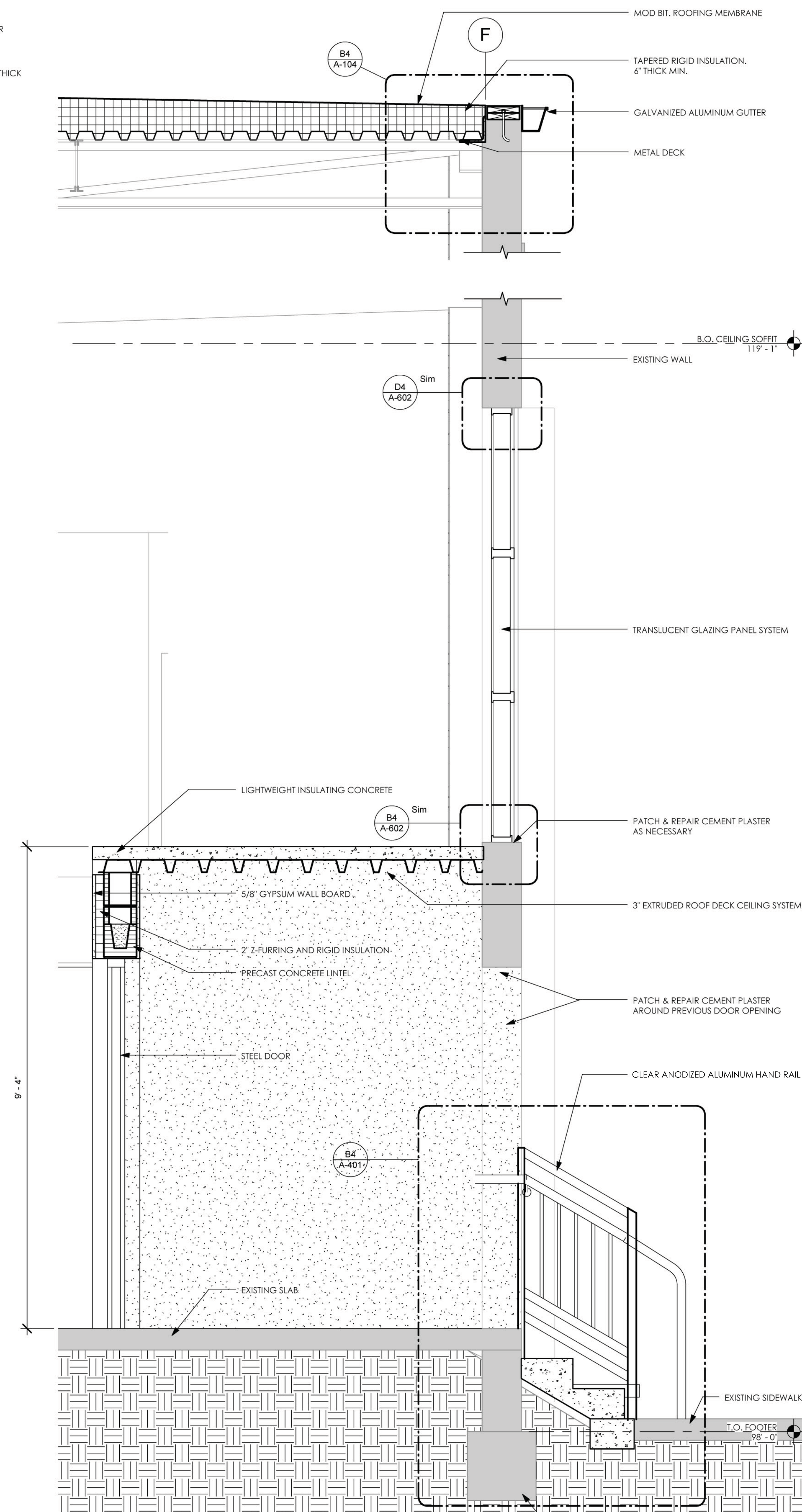
**FREDERICK DOUGLASS
RECREATION CENTER**



A1 WALL SECTION
3/4" = 1'-0"



A3 WALL SECTION
3/4" = 1'-0"



A4 WALL SECTION
3/4" = 1'-0"