

COLORADO SPRINGS POLICE DEPT. FIRING RANGE

SITE DEVELOPMENT PLAN

INDEX TO DRAWINGS

G-001	COVER SHEET
G-002	GENERAL NOTES & MAPS
G-003	SITE DEVELOPMENT PLAN
AS101	OVERALL ARCHITECTURAL SITE DEVELOPMENT PLAN
AS102	FIRING RANGE SITE DEVELOPMENT PLAN
AS103	ENLARGED ARCHITECTURAL SITE PLAN
AS104	ADA ROUTE SITE PLAN
AS110	100 YD RANGE PLANS
AS111	100 YD RANGE SECTIONS
AS120	LANDSCAPE SITE PLAN
A-101	CLASSROOM FLOOR PLAN
A-102	RANGE CANOPY PLANS
A-401	SITE ELEVATIONS & SECTIONS
A-402	EXTERIOR BUILDING ELEVATIONS
A-403	RANGE CANOPY ELEVATIONS
E-DP1	LIGHTING PHOTOMETRIC PLAN
E-DP2	LIGHTING PHOTOMETRIC PLAN
E-DP3	LIGHTING DETAILS

PROJECT TEAM



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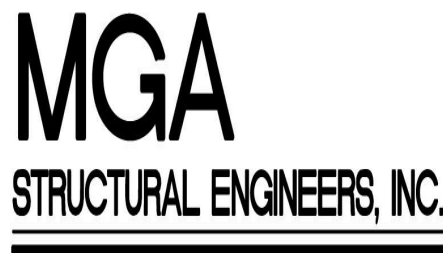
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DEPT. FIRING RANGE

15905 SNIPER LANE
FOUNTAIN, CO 80817

issue / revision	date:
DEVEL. PLAN	08/14/19
DP RESUBMIT	02/21/2020
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job #	103-01
drawn	JVC
chd	MR

COVER
SHEET

G-001

MATERIALS

SYMBOLS

ARCHITECTURAL ABBREVIATIONS

GENERAL NOTES

[illegible]

DO NOT SCALE DRAWINGS.

- 1 PROSPECTIVE BIDDERS MUST EXAMINE THE CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) CAREFULLY AND, BEFORE BIDDING, REQUEST
2 CLARIFICATION FROM THE ARCHITECT IN WRITING AT LEAST 14 DAYS PRIOR TO THE TIME SET FOR OPENING THE BIDS, AN INTERPRETATION OR CORRECTION
3 OF EVERY PATENT AMBIGUITY, INCONSISTENCY, OR ERROR THEREIN. SUCH INTERPRETATION OR CORRECTION, AS WELL AS ANY ADDITIONAL CONTRACT
4 PROVISIONS THE ARCHITECT MAY DECIDE TO INCLUDE, WILL BE ISSUED IN WRITING BY THE ARCHITECT AS AN ADDENDUM TO THE CONTRACT, WHICH WILL
5 BE MAILED OR DELIVERED TO EACH PERSON RECORDED AS HAVING RECEIVED A COPY OF THE CONTRACT DOCUMENTS FROM THE ARCHITECT, AND WHICH
6 WILL ALSO BE POSTED AT THE PLACE WHERE THE CONTRACT DOCUMENTS ARE AVAILABLE FOR INSPECTION OF PROSPECTIVE BIDDERS. UPON SUCH
7 MAILING OR DELIVERY AND POSTING, SUCH ADDENDUM SHALL BECOME A PART OF THE CONTRACT DOCUMENTS, AND BINDING ON ALL BIDDERS. WHERE
8 CLARIFICATIONS ARE NOT MADE PRIOR TO BIDDING THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK WITH NO
9 COST TO THE OWNER.
- 10 DIMENSIONS SHOWN ARE TO FACE OF FOUNDATION WALL, FACE OF MASONRY, FACE OF STUD UNLESS OTHERWISE INDICATED. ALL DIMENSIONS MUST BE
11 VERIFIED TO CONFORM TO EXISTING CONDITIONS.
- 12 ALL BLOCK IS 8" NOMINAL WIDE UNLESS OTHERWISE NOTED BY DIMENSION OR PARTITION TYPES. MASONRY AND STUD WALL DIMENSIONS ARE NOMINAL.
- 13 ALL ANGLES ARE 90 DEGREES OR 45 DEGREES UNLESS OTHERWISE NOTED.
- 14 SITE PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 15 ALL SPOT ELEVATIONS OUTSIDE OF THE BUILDING RELATE TO SURVEY DATUM AT THE BENCHMARK. ALL SPOT ELEVATIONS INSIDE THE BUILDING REFER TO
REFERENCE ELEVATION.
- 16 NOTIFY ARCHITECT IMMEDIATELY SHOULD CONDITIONS BE FOUND CONTRADICTORY TO THESE DRAWINGS.
- 17 PROVIDE BULLNOSE C.M.U. WHERE INDICATED ON DRAWINGS AND/OR AT ALL 90 DEGREE OUTSIDE CORNERS WITHIN THE PROJECT.
- 18 ALL WORK TO BE BASED ON 2003 IBC AND LOCAL CODE REQUIREMENTS.
- 19 CONTRACTOR SHALL HAVE ONE STAMPED PERMIT SET OF DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES.
- 20 WATER RESISTANT (GREEN) GYP. BD. SHALL BE USED IN ALL WET OR EXTERIOR AREAS
- 21 ALL REFERENCES TO SPECIFIC MANUFACTURERS ARE FOR REFERENCE ONLY AND CAN BE SUBSTITUTED BY AN APPROVED EQUAL. SUBMIT REQUESTS FOR
22 SUBSTITUTIONS TO ARCHITECT.
- 23 G.C. TO PROVIDE A FULLY INSULATED BLDG. ENVELOPE.
- 24 THE CONTRACT DOCUMENTS INCLUDE THE PROJECT MANUAL AND SPECIFICATIONS AS ONE COMPLETE PACKAGE. IF THE CONTRACTOR CHOOSES TO SPLIT
25 A PART THE DRAWINGS OR SPECIFICATIONS DURING BIDDING TO PROCURE BIDS FROM SUBS HE SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER
26 WORK SHOWN ON OTHER DRAWING SHEETS OR SPECIFICATION SECTIONS. IN NO WAY SHALL THIS RELIEVE THE SUB OR GENERAL CONTRACTOR FROM HIS
27 RESPONSIBILITY TO PROVIDE ITEMS DESIGNATED ELSEWHERE."
- 28 IN ALL OCCURRENCES OF PLANNER ALIGNMENTS (I.E. WALL TO SOFFIT, WALL TO MILLWORK, ETC.) UNLESS OTHERWISE SHOWN OR NOTED, PROVIDE A
29 MINIMUM OF A 3" OFFSET. CLARIFY ANY AMBIGUITIES WITH ARCHITECT.

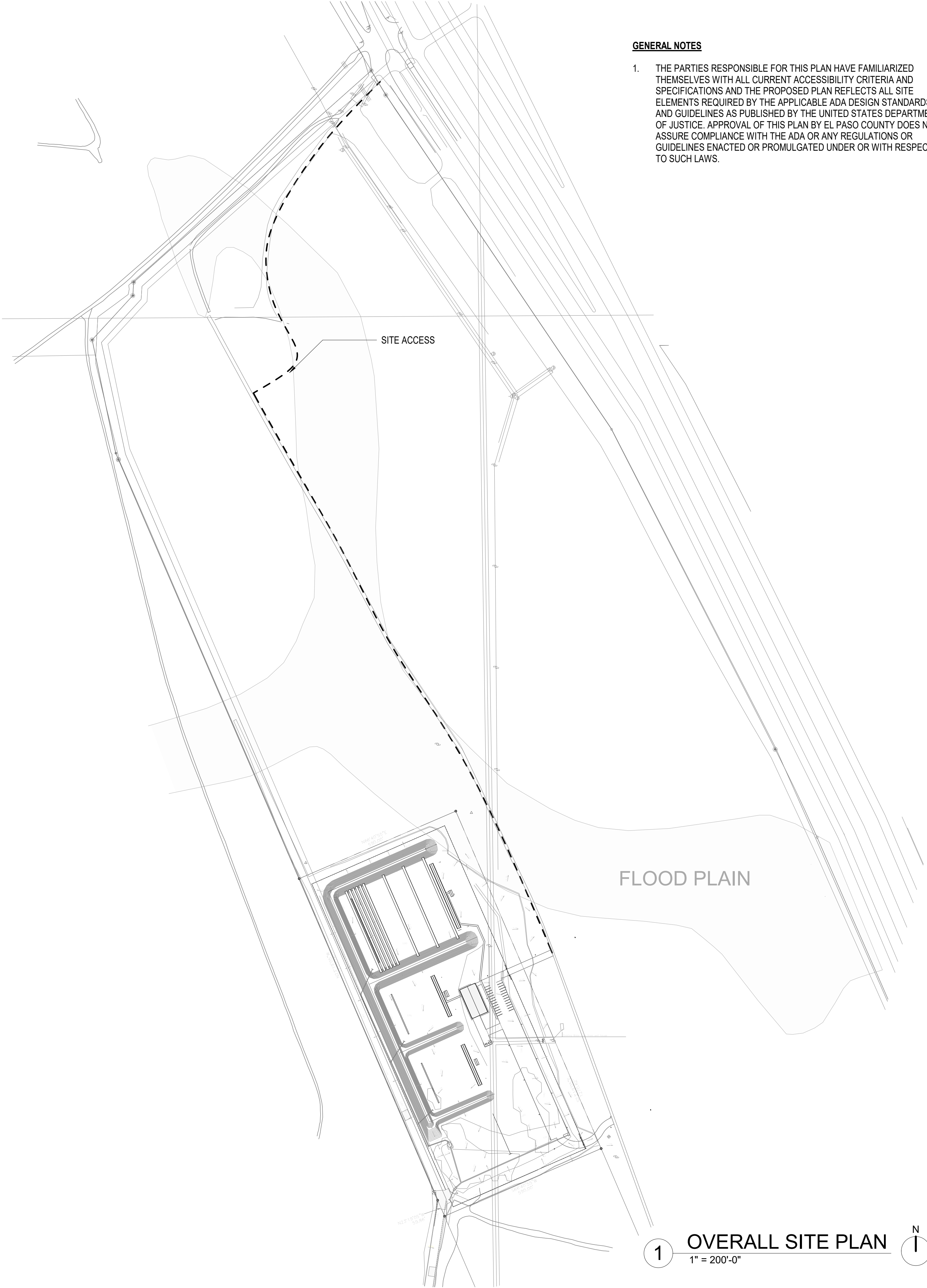
PROJECT LOCATION & SITE



VICINITY MAP



LOCATION MAP



GENERAL NOTES

- THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

1 OVERALL SITE PLAN
1" = 200'-0"

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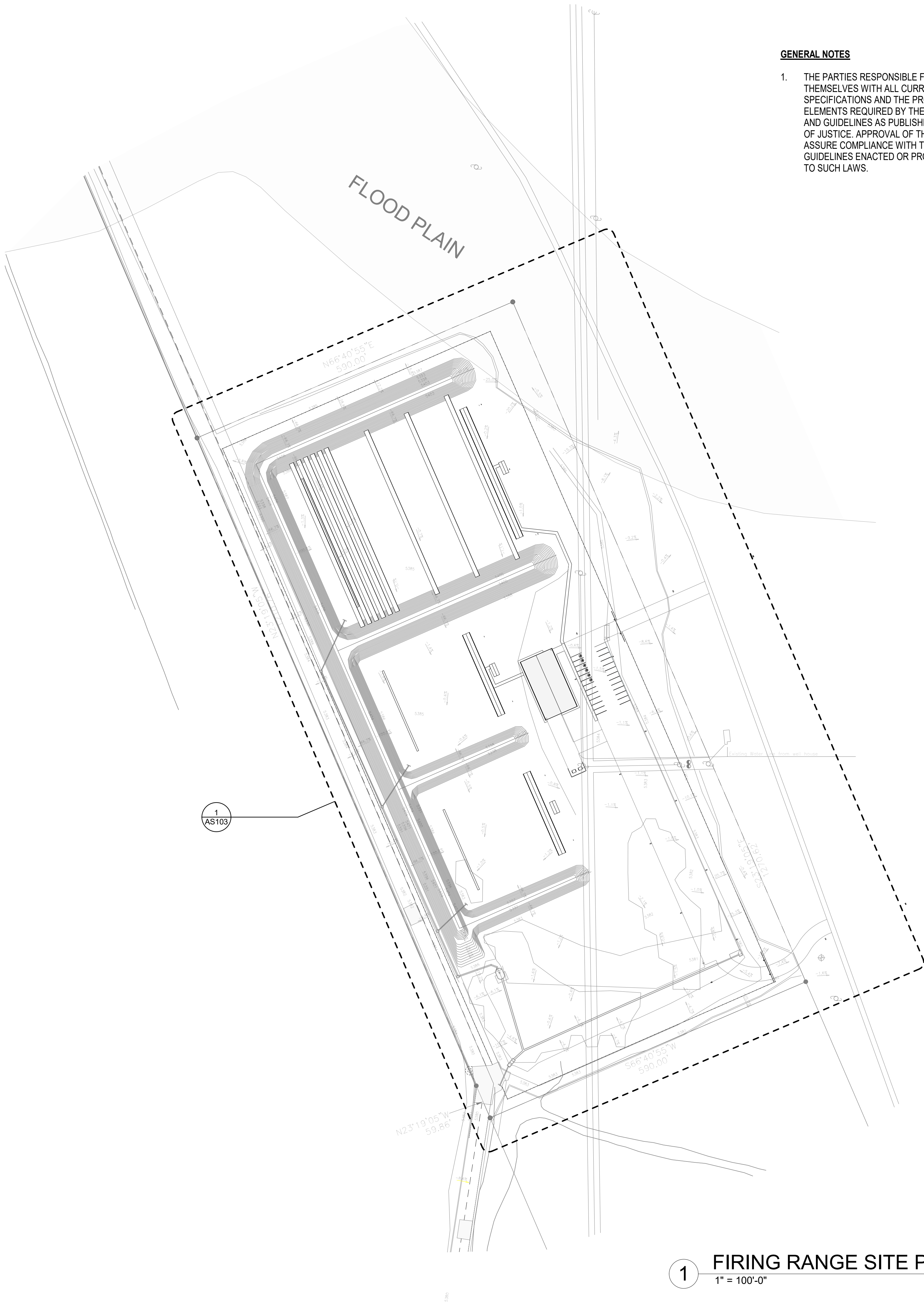
15905 SNIPER LANE
FOUNTAIN, CO 80817

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drawn	JVC
chd	MR

OVERALL
ARCHITECTURAL
SITE
DEVELOPMENT
PLAN

AS101



GENERAL NOTES

1. THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

1 FIRING RANGE SITE PLAN
1" = 100'-0"

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103-01	
JVC	
MR	

FIRING
RANGE SITE
DEVELOPMENT
PLAN

AS102

number	description	chkd	drawn	job #	issue / revision	seal	project

number	description

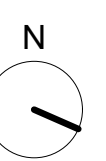
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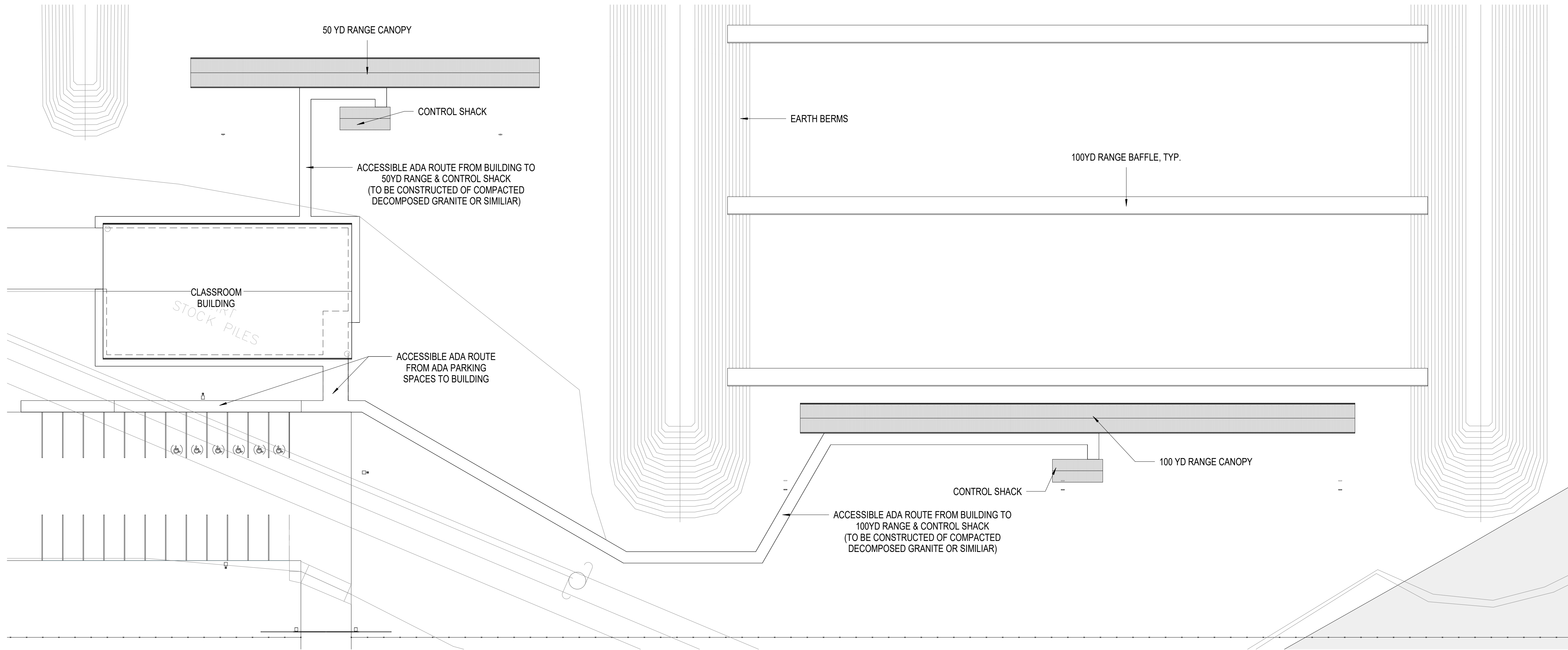
number

CHAIN-LINK FENCE

0 PLAIN

ANGE SITE





1 ARCHITECTURAL SITE PLAN - ADA ROUTE
1 : 300

GENERAL NOTES

1. THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

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architect

associated with

COLORADO SPRINGS POLICE
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project

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JVC

drawn

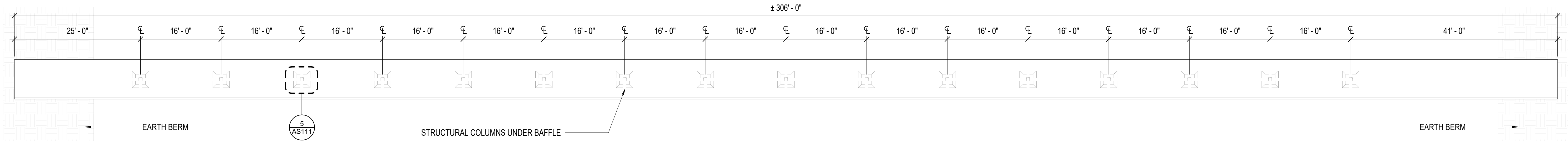
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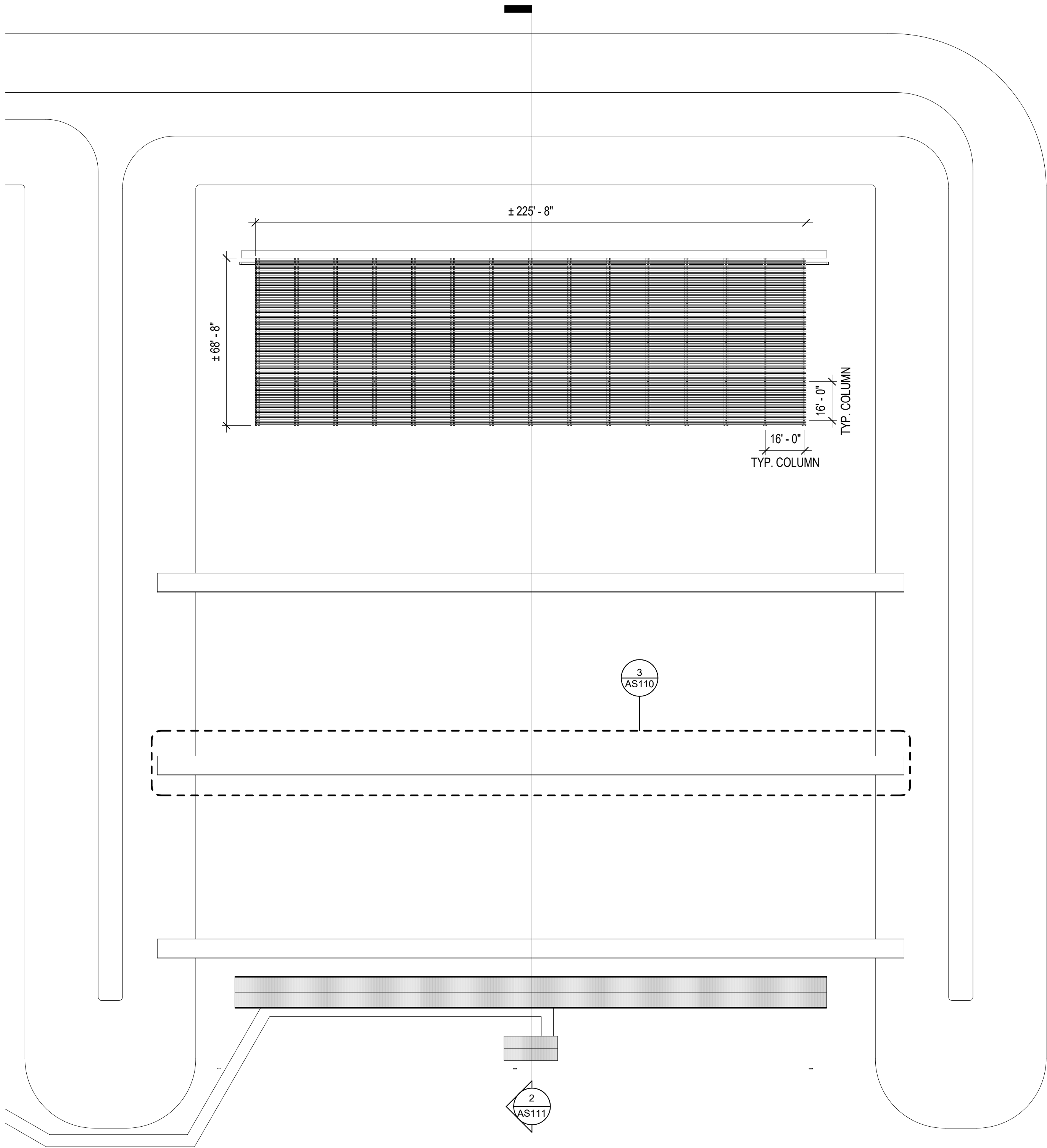
ADA ROUTE
SITE PLAN

number

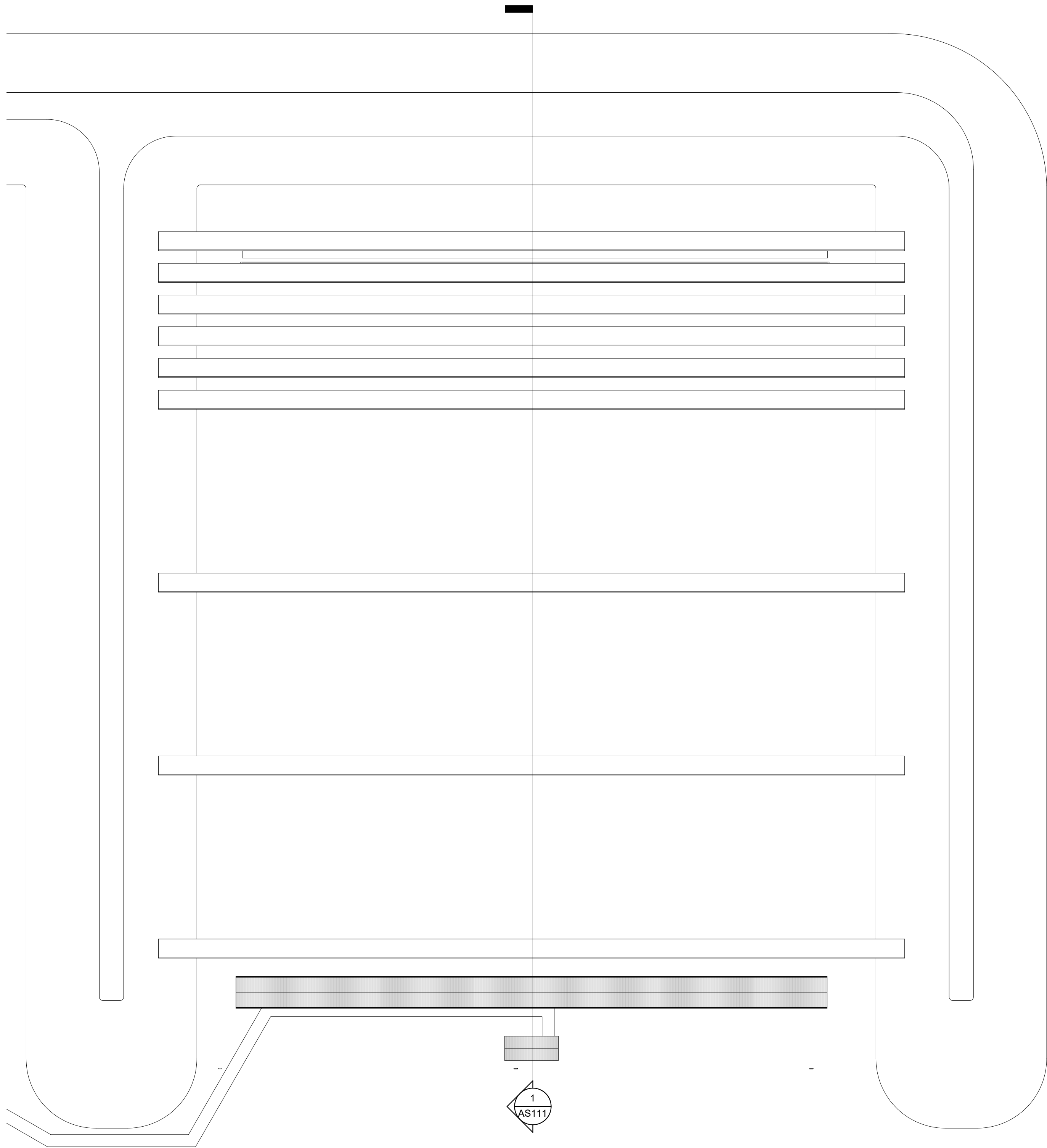
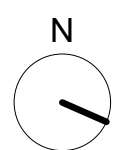
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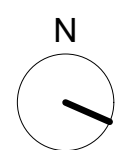
3 TYP. 100YD RANGE SINGLE BAFFLE PLAN
1" = 10'-0"



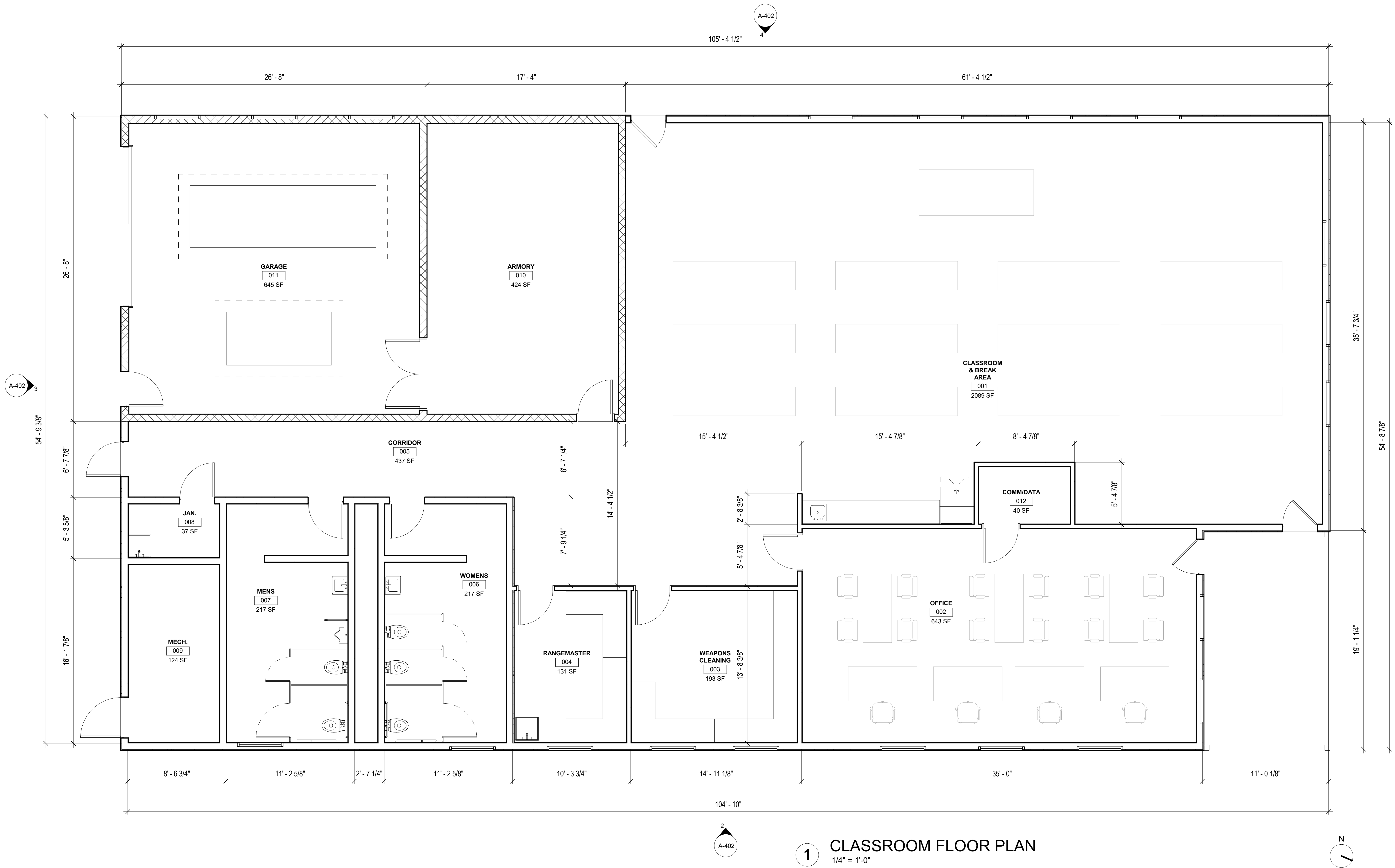
2 ENLARGED 100YD RANGE SITE PLAN - OPTION #2
1" = 30'-0"

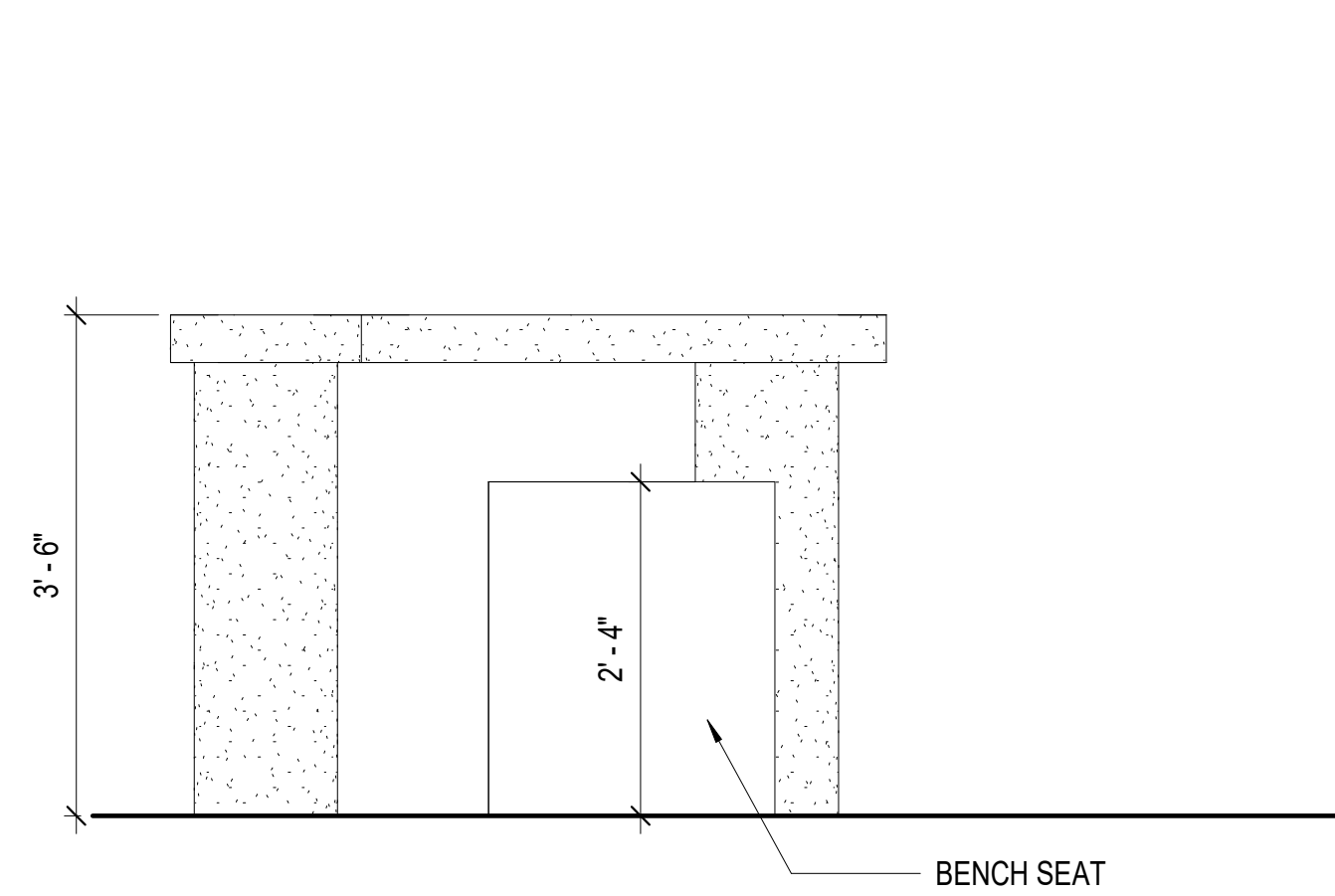


1 ENLARGED 100YD RANGE SITE PLAN - OPTION #1
1" = 30'-0"

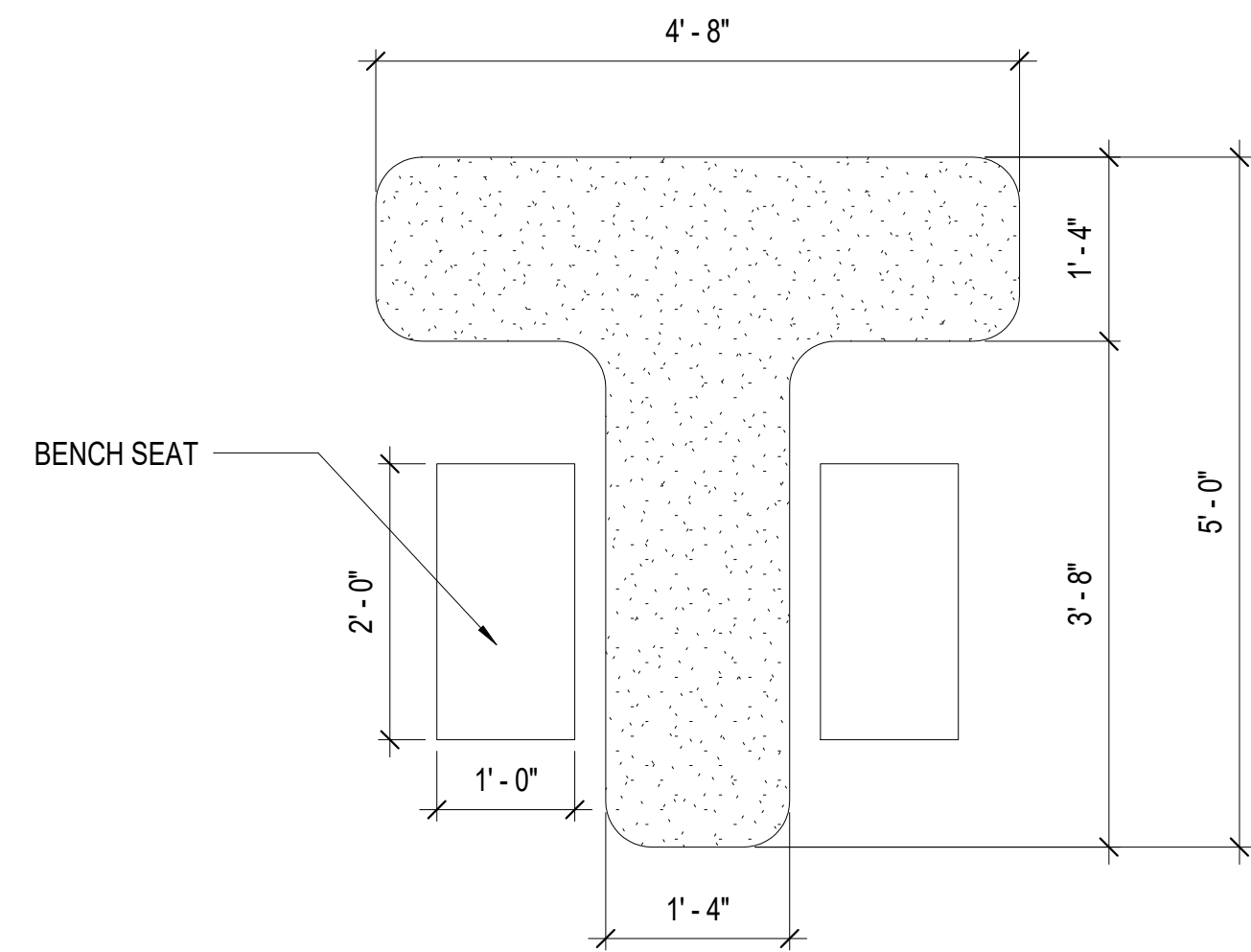


AS111

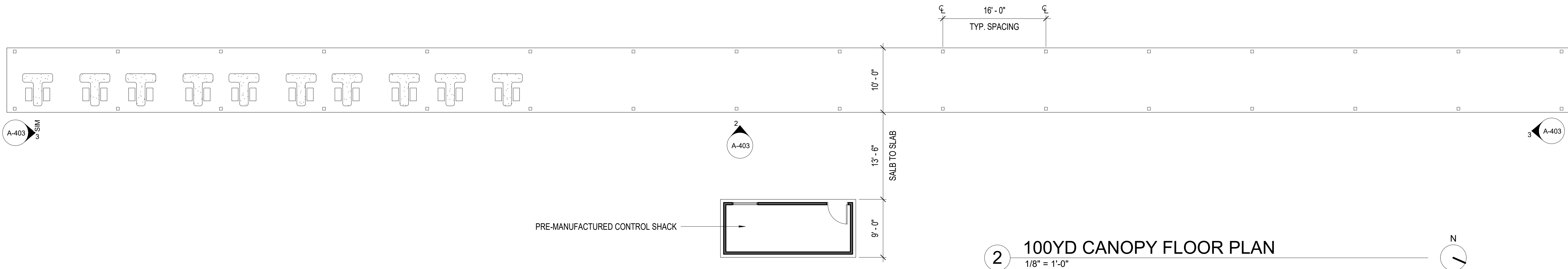




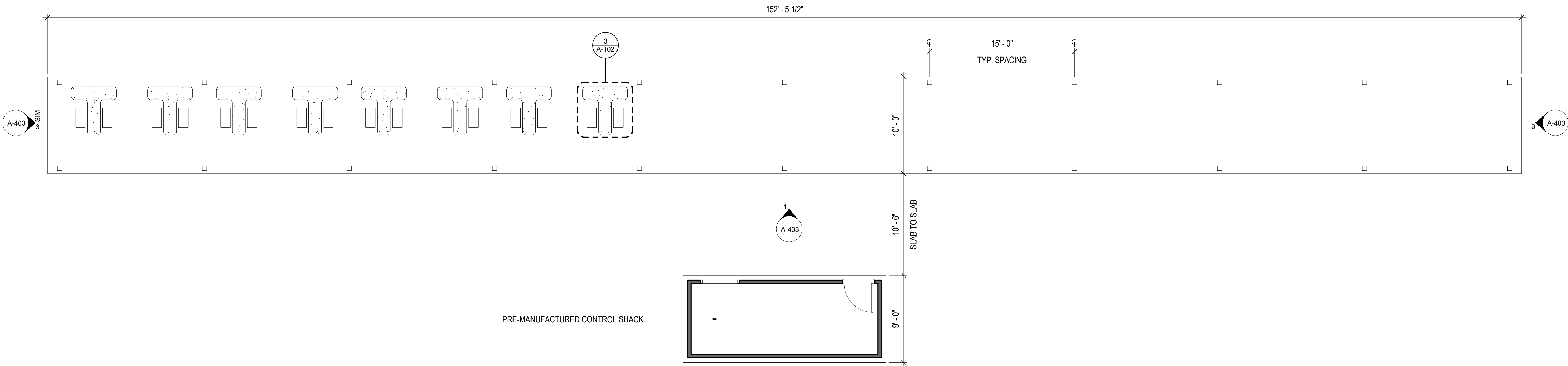
4 TYP. ELEVATION @ RANGE BENCH
3/4" = 1'-0"



3 TYP. RANGE BENCH PLAN
3/4" = 1'-0"



2 100YD CANOPY FLOOR PLAN
1/8" = 1'-0"



1 50YD CANOPY FLOOR PLAN
3/16" = 1'-0"

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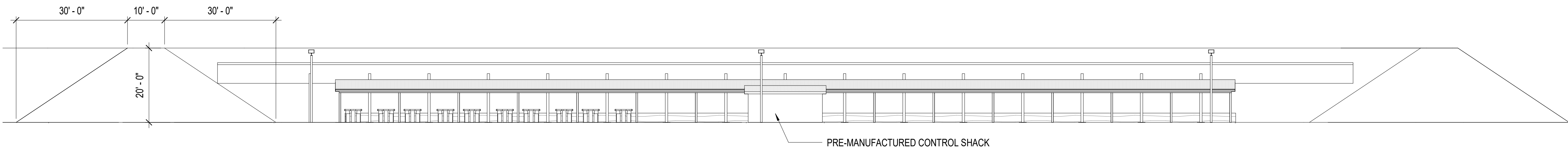
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SITE
ELEVATIONS
& SECTIONS

A-401



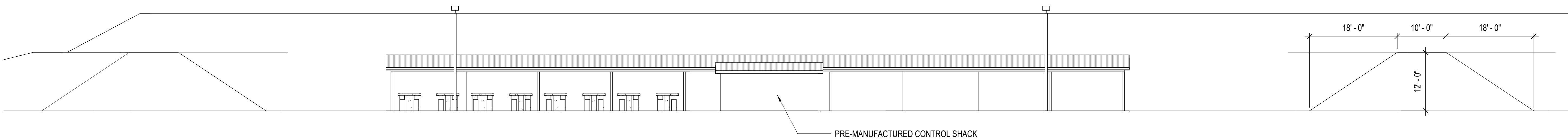
4 SECTION THRU 100 YARD RANGE - OPTION #1
1/16" = 1'-0"



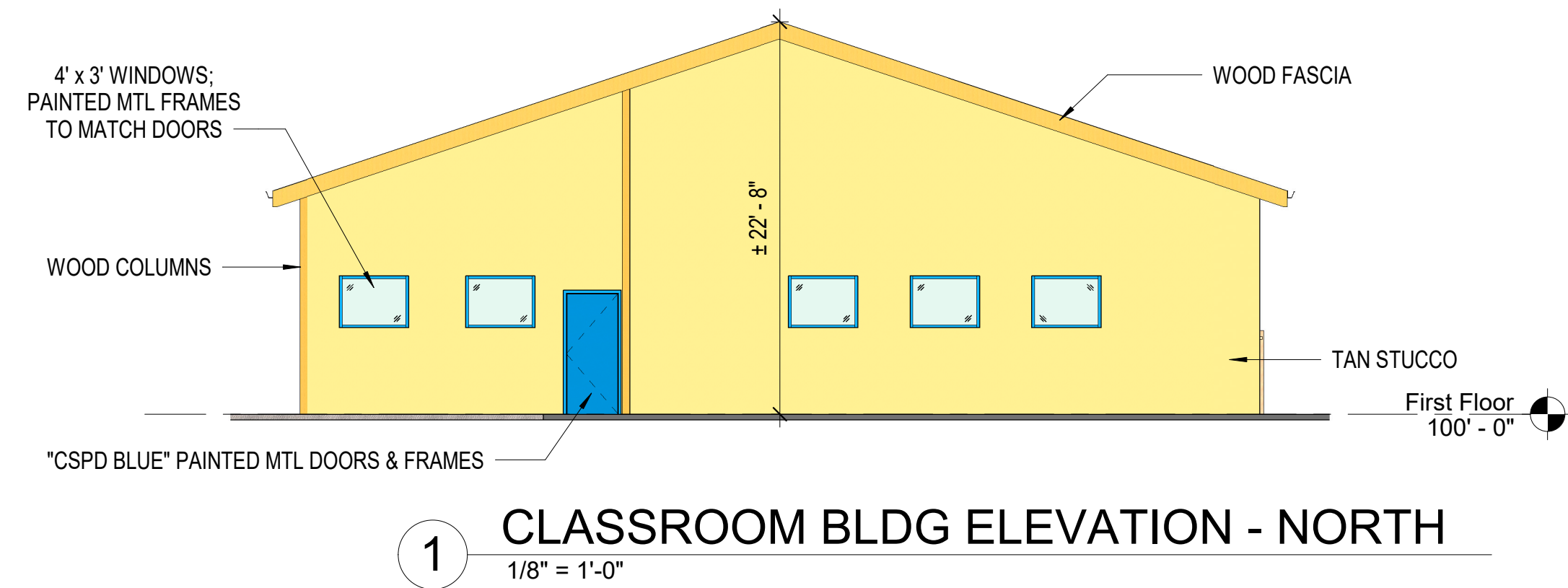
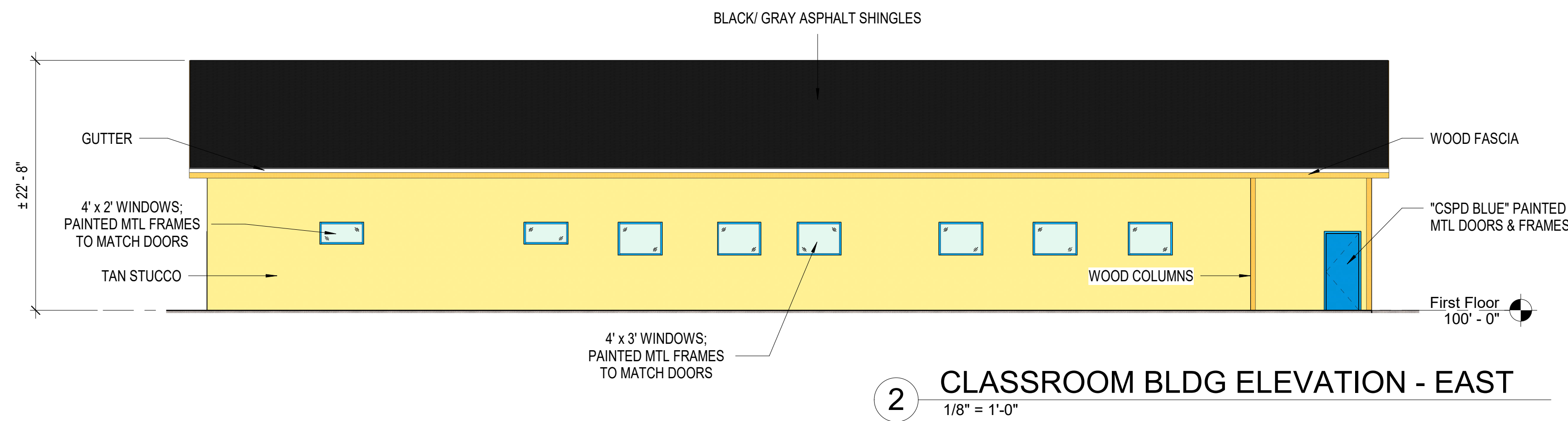
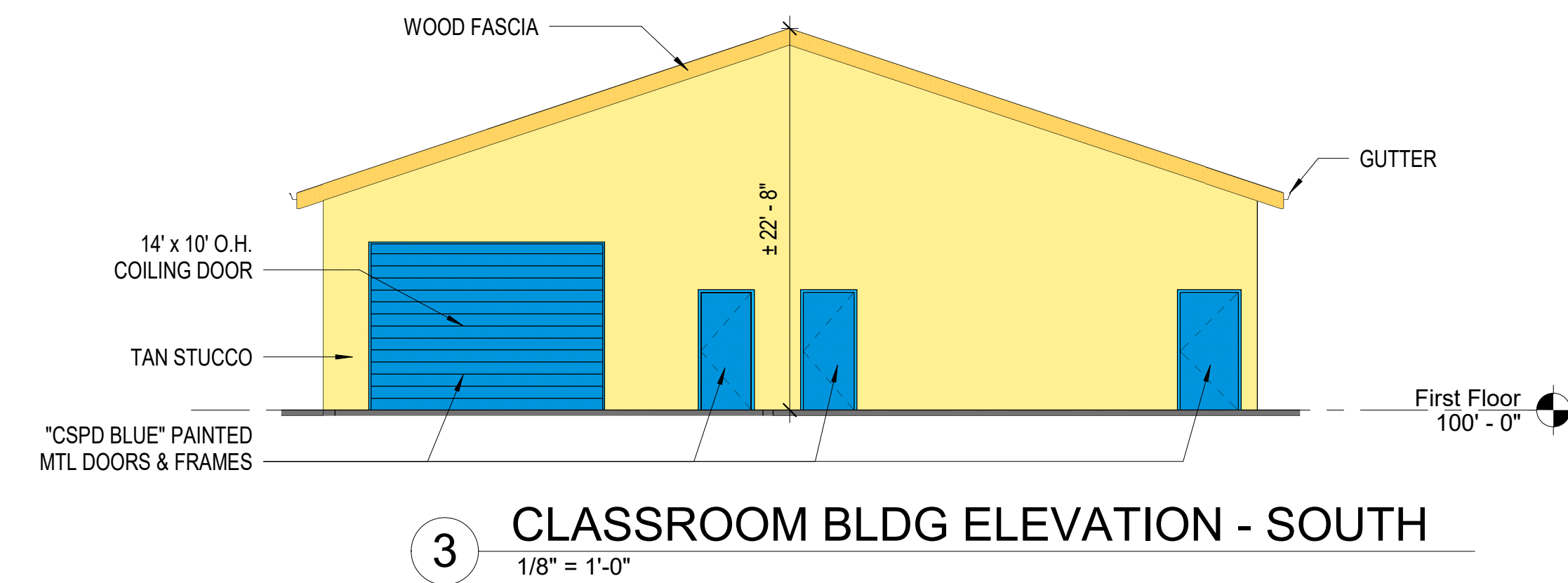
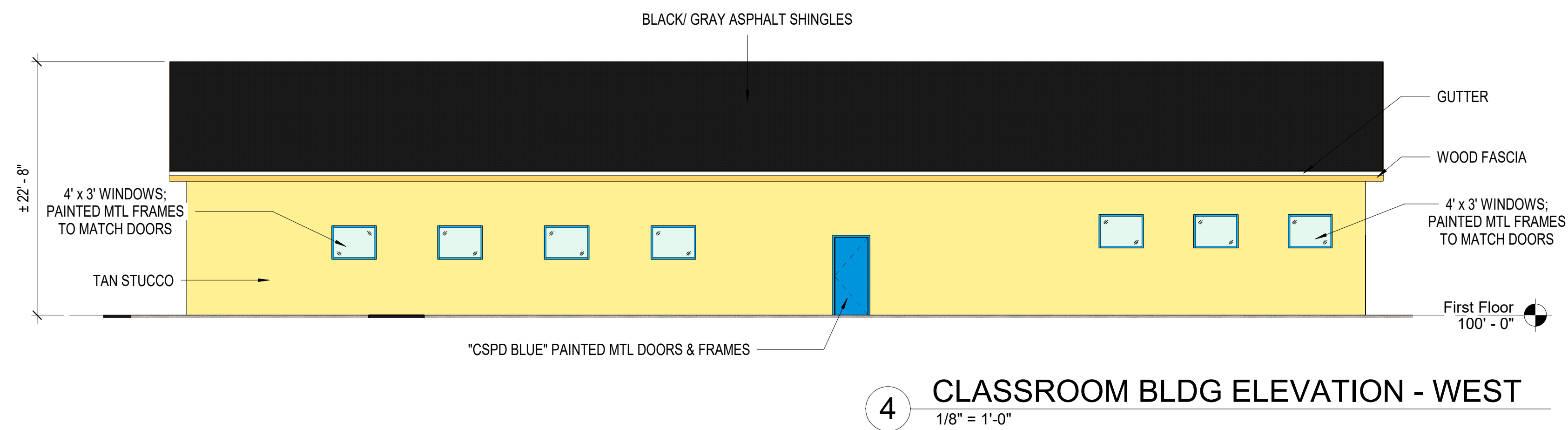
3 ELEVATION @ 100 YARD RANGE - OPTION #1
1/16" = 1'-0"

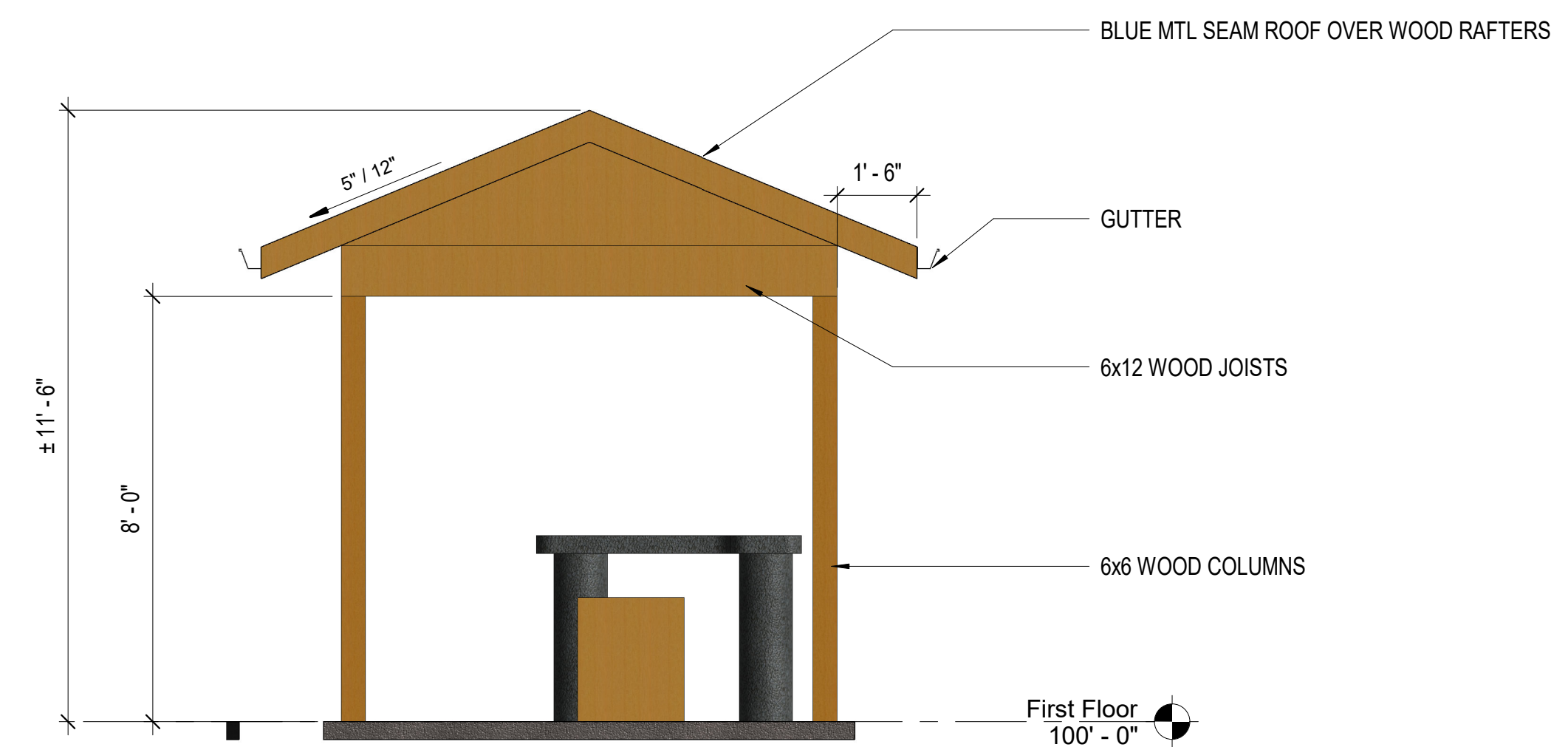


2 TYP. SECTION THRU 50 YARD RANGE
3/32" = 1'-0"

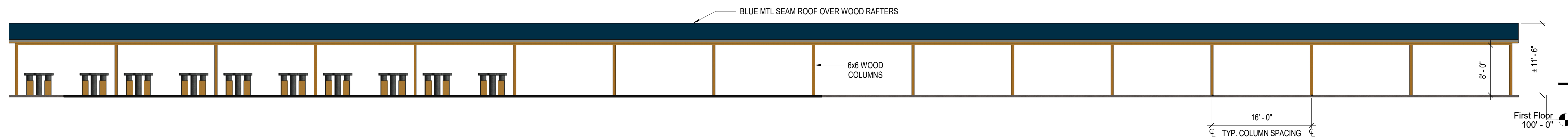


1 TYP. ELEVATION @ 50 YARD RANGE
3/32" = 1'-0"

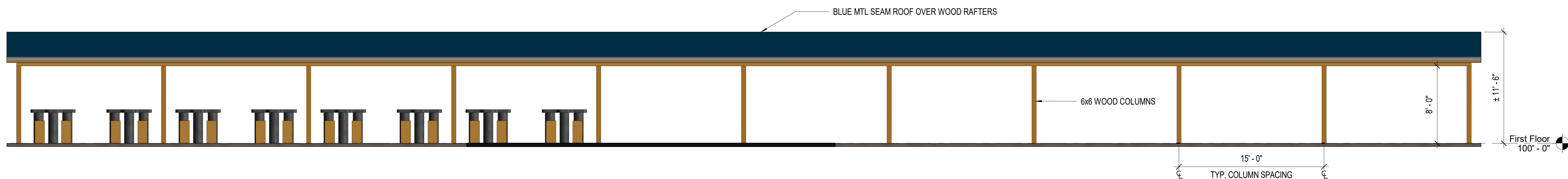




3 TYP. CANOPY ELEVATION - NORTH
3/8" = 1'-0"



2 100 YD CANOPY ELEVATION - EAST
1/8" = 1'-0"



1 50 YD CANOPY ELEVATION - EAST
3/16" = 1'-0"

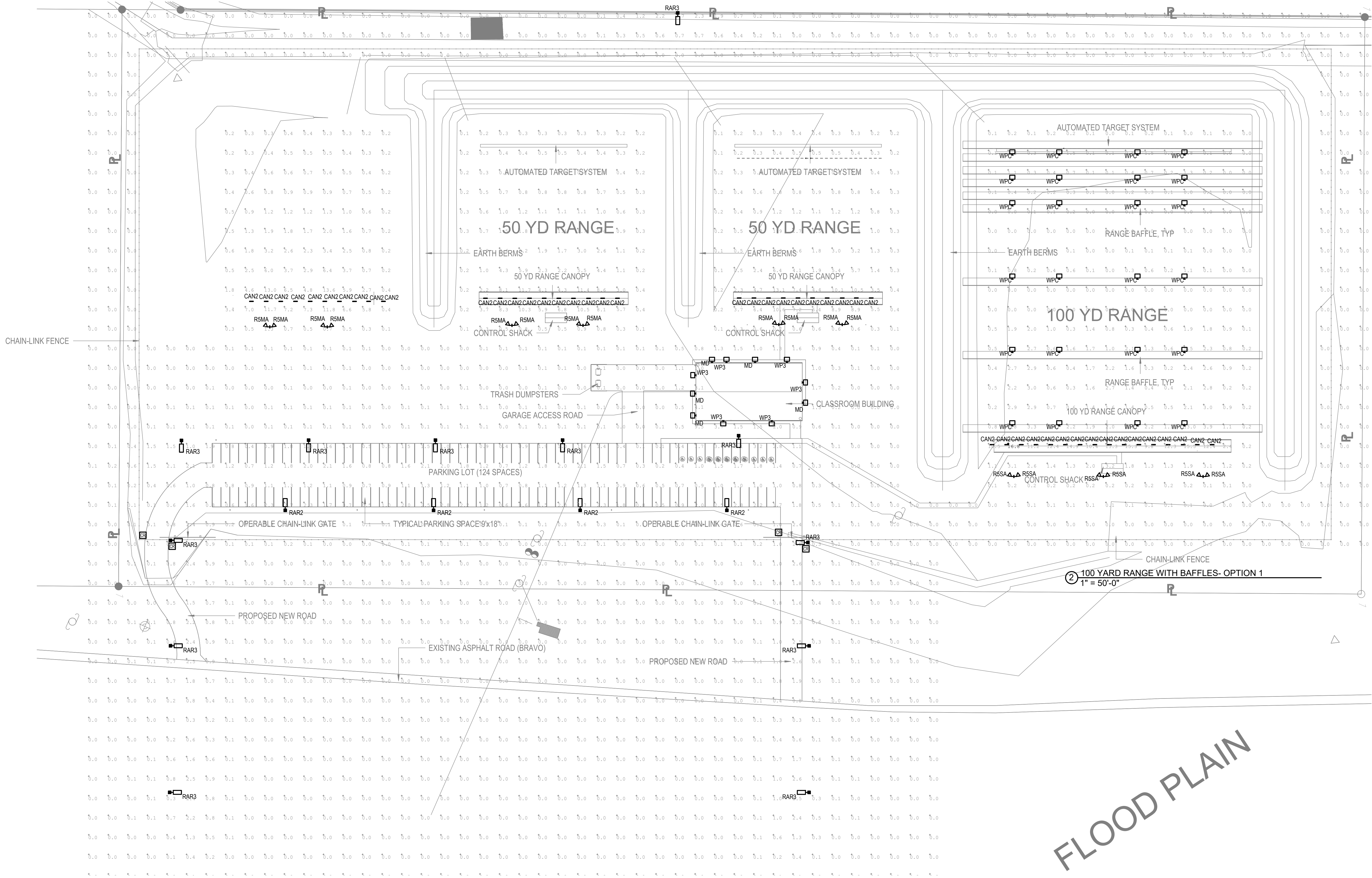
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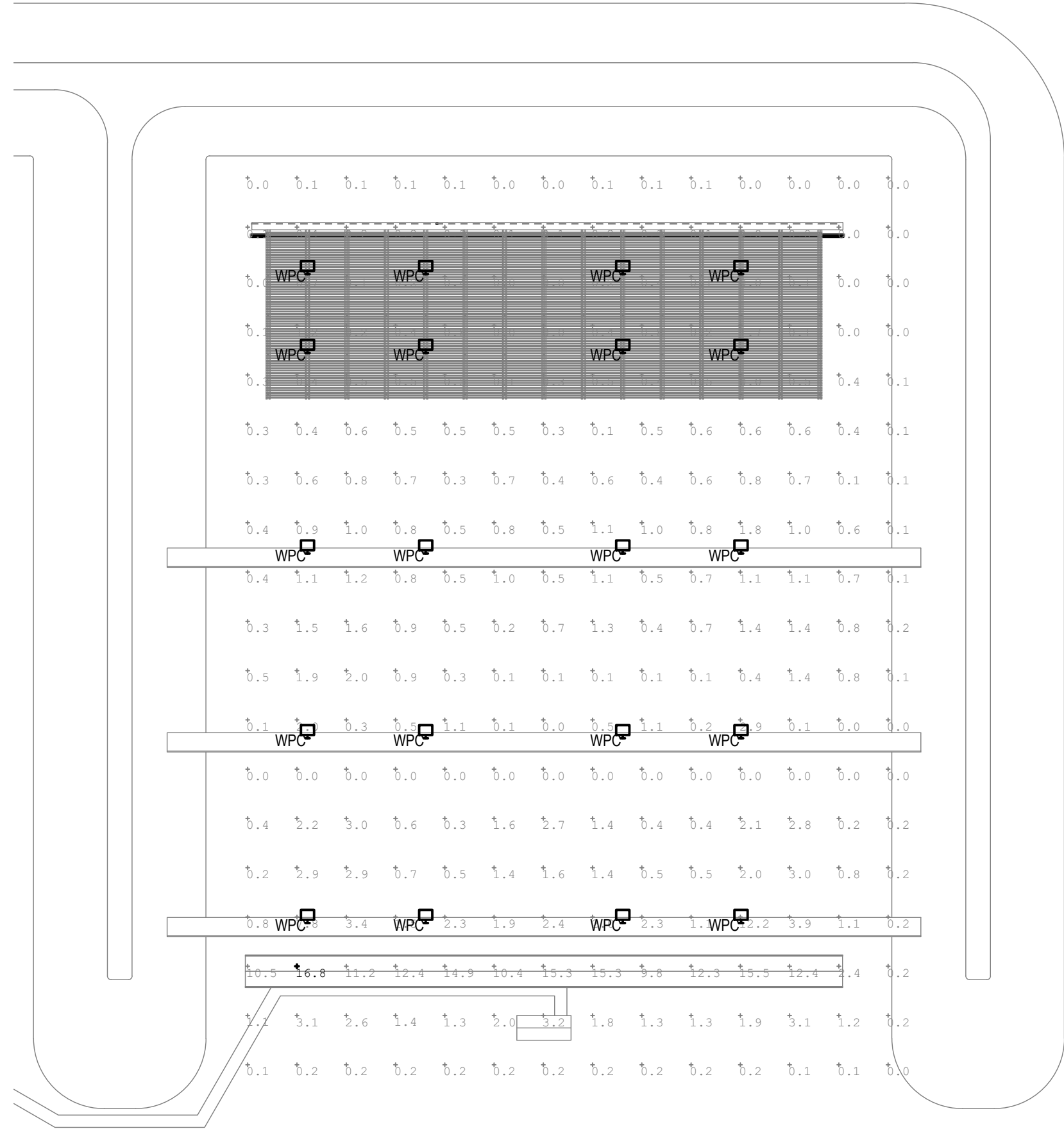
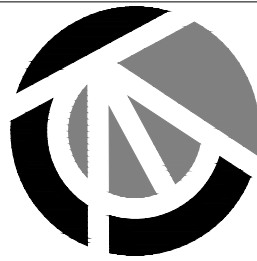
ISSUE/TENSION	DO #	UAW	MR
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RANGE CANOPY ELEVATIONS

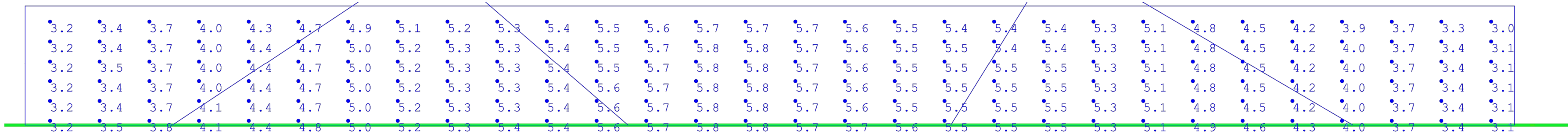
Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
100 YARD	Fc	6.26	7.9	3.9	1.61	2.03
50 YARD	Fc	4.83	5.9	3.0	1.61	1.97
SITE	Fc	0.61	16.8	0.0	N.A.	N.A.
100 YARD RANGE - OPTION 1	Fc	1.98	16.8	0.0	N.A.	N.A.
100 YARD RANGE - OPTION 2	Fc	2.57	16.8	0.0	N.A.	N.A.
50 YARD RANGE	Fc	3.84	13.1	0.1	38.40	131.00
PARKING LOT	Fc	1.34	2.8	0.2	6.70	14.00
PROPOSED ROAD 1	Fc	1.86	2.5	0.3	6.20	8.33
PROPOSED ROAD 2	Fc	1.91	2.6	0.3	6.37	8.67
TYPICAL CANOPY AREA	Fc	12.25	16.8	2.4	5.10	7.00

Luminaire Schedule				
Label	Mounting	Lumens	LLF	Description
R5MA	16'-0"	30,000	0.900	RFL5-360L-265-4K7-M
R5SA	16'-0"	30,000	0.900	RFL5-360L-265-4K7-N
RAR2	23'-0"	12,000	0.900	RAR1-160L-70-4K7-2
RAR3	23'-0"	12,000	0.900	RAR1-160L-70-4K7-3
MD	-	1600	0.900	CUSO-AC
WP3	-	-	0.900	LNC2-12LU-4K-3
CAN2	9'-0"	-	0.900	LXEM4-40LW-RFA-EDU
WPC	COLUMN	-	0.855	LXEM2-40VW-RFA-EDU

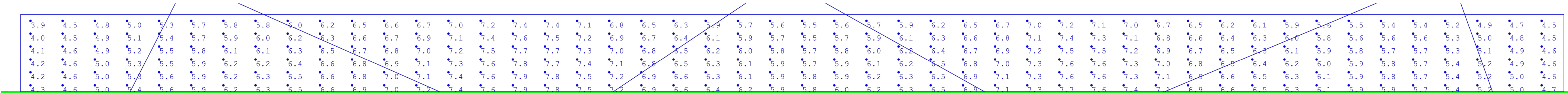




③ 100 YARD RANGE WITH BAFFLES- OPTION 2
1" = 50'-0"



② 50 YARD VERTICE PHOTOMETRIC
NTS



① 100 YARD VERTICE PHOTOMETRIC
NTS

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103-01

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LIGHTING
PHOTOMETRIC
PLAN

E-DP2

