

CONSTRUCTION PLANS FOR

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

SALCHA, ALASKA

DOT&PF PROJECT No.

Z800330000

DMVA PROJECT No. ###

FAI PROJECT No. AK-09-01

95% DESIGN

ESTIMATED ANNUAL NEED	EST. INTER/YR
CASKETED BURIAL PLOTS	29
COLUMBARIUM NICHES	41
IN-GROUND CREMAIN BURIAL PLOTS	20
TOTAL ESTIMATED ANNUAL NEED	90

PHASE 1 INTERMENT SUMMARY	No.	EST. YRS
PRE-PLACED CRYPTS	351	12.1
IN-GROUND CREMAIN PLOTS	279	14.0
COLUMBARIUM NICHES	600	14.6
MEMORIAL WALL PLAQUES	96	--

FUTURE INTERMENT SUMMARY	No.	EST. YRS
PRE-PLACED CRYPTS	2266	78.1
IN-GROUND CREMAIN PLOTS	779	38.95
COLUMBARIUM NICHES	1000	24.39
MEMORIAL WALL PLAQUES	AS DETERMINED	

TOTAL INTERMENT SUMMARY	No.	EST. YRS
PRE-PLACED CRYPTS	2617	90.24
IN-GROUND CREMAIN PLOTS	1058	52.9
COLUMBARIUM NICHES	1600	39.02
MEMORIAL WALL PLAQUES	96+	--
TOTAL INTERMENT TYPES (NOT MEMORIAL WALLS)	5275	58.6100

CONSTRUCTION DOCUMENT

July 1, 2025

INTERIOR ALASKA

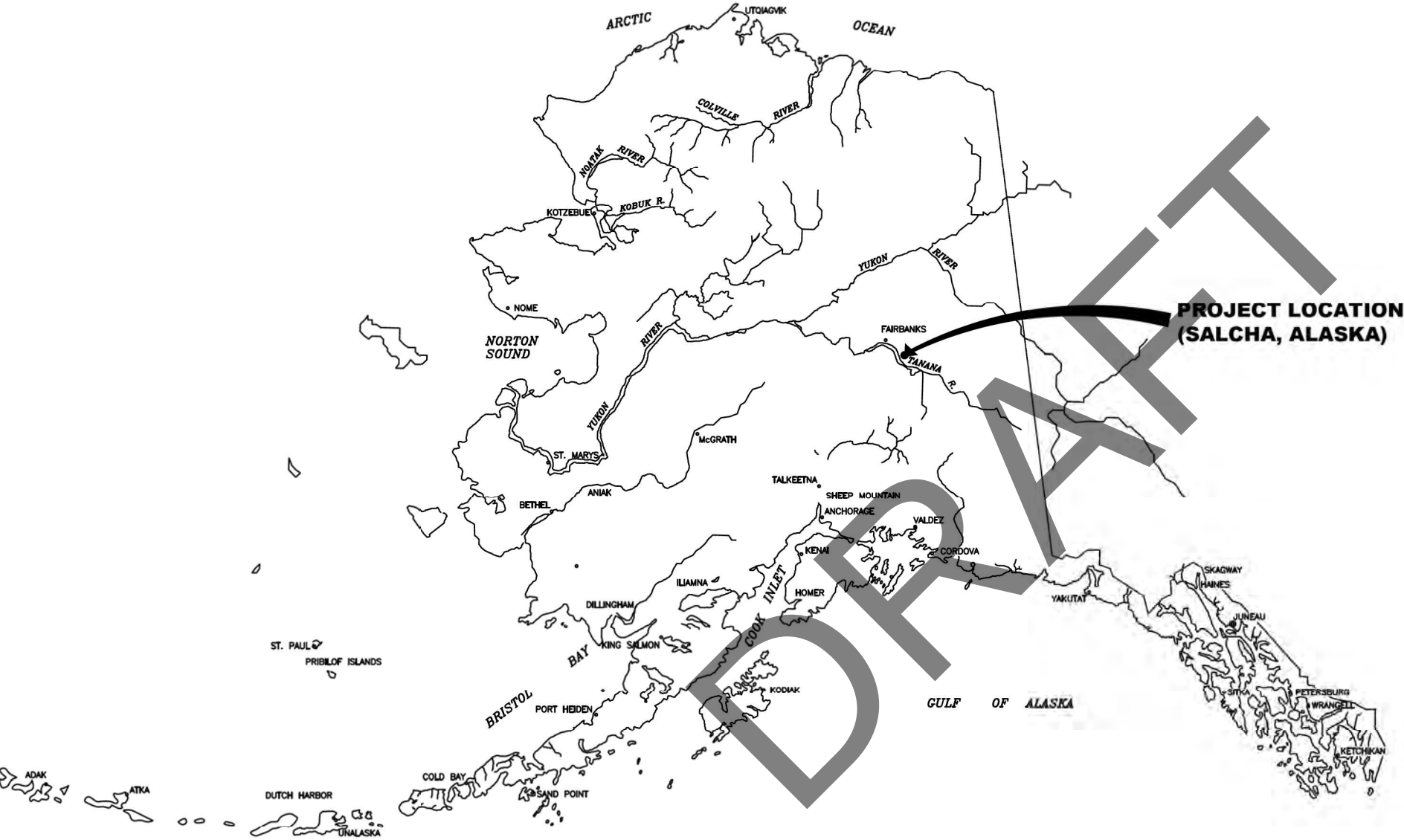
VETERANS CEMETERY

(IAVC)

COVER SHEET

SHEET: G 001

1 OF 130



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STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION

AND PUBLIC FACILITIES

STATEWIDE PUBLIC FACILITIES

CONCUR	DATE
Lauren Staff, P.E.	Project Manager
APPROVED	DATE
Christopher Hodgins, P.E.	Director of Facilities Services

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SHEET INDEX

SHEET NO. SHEET TITLE

G 001 G 002 G 003	GENERAL COVER SHEET SHEET INDEX, ABBREVIATIONS, & LEGEND BASIC BIDS AND ALTERNATIVES
	SURVEY SURVEY CONTROL AND NOTES
	CIVIL CIVIL SITE PLAN DEMOLITION PLAN GRADING SHEET INDEX GRADING PLAN 1 GRADING PLAN 2 GRADING PLAN 3 GRADING PLAN 4 DITCH DRAINAGE GRADING POINTS 1 GRADING POINTS 2 SITE SECTIONS 1 SITE SECTIONS 2 SITE SECTIONS 3 WESTERLUND STREET P&P CEMETERY ENTRANCE ROADWAY P&P WESTERLUND ST - PRIVATE DRIVEWAYS 1 WESTERLUND ST - PRIVATE DRIVEWAYS 2 DEHALDEN ROAD IMPROVEMENTS UTILITIES SITE PLAN & SCOPE OF WORK SEWER SCOPE & P&P WATER SCOPE & P&P UTILITY DETAILS CIVIL DETAILS 1 CIVIL DETAILS 2 CIVIL DETAILS 3 CIVIL DETAILS 4 TYPICAL SECTIONS
LS 001 LS 002 LS 100 LS 401 LS 402 LS 403 LS 404 LS 405 LS 501 LS 502 LS 503 LS 504	LANDSCAPING LS SITE PLAN OVERALL SITE PLAN PEDESTRIAN AND VEHICULAR PATTERNS SITE PLAN COVER SITE PLAN ENLARGEMENTS SITE PLAN ENLARGEMENTS SITE PLAN ENLARGEMENTS SITE PLAN ENLARGEMENTS SITE PLAN ENLARGEMENTS SITE PLAN ENLARGEMENTS SITE DETAILS SITE DETAILS SITE DETAILS SITE DETAILS
	LB BURIAL LAYOUT OVERALL BURIAL LAYOUT PLAN BURIAL LAYOUT - COLUMBARIUM & MEMORIAL WALL ENLARGEMENT BURIAL LAYOUT PLAN - BURIAL SECTION B ENLARGEMENT BURIAL LAYOUT PLAN - BURIAL SECTION F ENLARGEMENT BURIAL LAYOUT PLAN - BURIAL SECTION A ENLARGEMENT COLUMBARIUM DETAILS COLUMBARIUM DETAILS COLUMBARIUM DETAILS COLUMBARIUM DETAILS MEMORIAL WALL DETAILS LAWN CRYPT DETAILS BURIAL MARKER DETAILS
	LW WAYFINDING SIGNAGE WAYFINDING SIGNAGE PLAN WAYFINDING SIGNAGE DETAILS WAYFINDING SIGNAGE DETAILS
LP 100 LP 101 LP 102 LP 103 LP 104 LP 105 LP 106 LP 107 LP 501 LP 502 LP 503	LP SITE PLANTING LANDSCAPE COVER LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE DETAILS LANDSCAPE DETAILS LANDSCAPE DETAILS
	ARCHITECTURAL COMMITTAL SHELTER CODE SUMMARY AND FLOOR PLAN ROOF PLAN AND REFLECTED CEILING PLAN BUILDING SECTION WALL SECTION WALL SECTION EXTERIOR ELEVATIONS INTERIOR ELEVATIONS DETAILS DETAILS SCHEDULES
	ADMINISTRATION AND GARAGE CODE SUMMARY AND FLOOR PLAN ADMIN / GARAGE REFLECTED CEILING PLAN ROOF PLAN ENLARGED PLANS BUILDING SECTIONS WALL SECTIONS EXTERIOR ELEVATIONS DETAILS DETAILS SCHEDULES

SHEET NO. SHEET TITLE

A201 A202 A203 A301 A302 A401 A501 A502 A503 A601	ADMINISTRATION AND GARAGE CODE SUMMARY AND FLOOR PLAN ADMIN / GARAGE REFLECTED CEILING PLAN ROOF PLAN ENLARGED PLANS BUILDING SECTIONS WALL SECTIONS EXTERIOR ELEVATIONS DETAILS DETAILS SCHEDULES
	STRUCTURAL ABBREVIATIONS AND SYMBOLS GENERAL NOTES GENERAL NOTES CONTINUED SPECIAL INSPECTIONS LOAD MAPS SCHEDULES COMMITTAL SHELTER - FRAMING PLANS ADMIN - FRAMING PLANS COMMITTAL - BUILDING SECTIONS ADMIN - BUILDING SECTIONS FOUNDATION DETAILS MASONRY DETAILS FRAMING DETAILS FRAMING DETAILS
	MECHANICAL MECHANICAL LEGENDS AND ABBREVIATIONS MECHANICAL SCHEDULES MECHANICAL SCHEDULES MECHANICAL ROOF AND SITE FIRST FLOOR COOLING FIRST FLOOR HEATING FIRST FLOOR VENTILATION MECHANICAL ENLARGED PLANS & SECTIONS MECHANICAL SCHEMATICS MECHANICAL DETAILS MECHANICAL DETAILS PLUMBING LEGENDS AND ABBREVIATIONS PLUMBING SCHEDULES UNDERFLOOR PLUMBING PLAN PLUMBING PLAN PLUMBING SCHEMATICS PLUMBING DETAILS
M 001 M 002 M 003 M 101 M 201 M 301 M 401 M 501 M 601 M 701 M 702 P 001 P 002 P 201 P 202 P 301 P 401	ELECTRICAL ELECTRICAL LEGEND AND FIXTURE SCHEDULE ELECTRICAL SITE PLAN LIGHTING PLAN POWER AND SIGNAL PLANS ELECTRICAL DETAILS ELECTRICAL DETAILS ELECTRICAL DETAILS FUEL DETAILS PANEL SCHEDULES AND LOAD CALCULATIONS
	E 001 E 101 E 201 E 301 E 401 E 402 E 403 E 501 E 601

LEGEND

EXISTING	NEW	DESCRIPTION
---	---	LEASE LOT LINE
---	---	EDGE OF PAVEMENT
UE	UGE	UNDERGROUND ELECTRIC LINE
T		UNDERGROUND TELEPHONE LINE
FO		FIBER OPTIC LINE
W	W	WATER LINE
SS	SS	SANITARY SEWER LINE
SD	SD	STORM DRAIN LINE
---	---	BUILDING RESTRICTION LINE
---	---	FENCE LINE
---	---	CUT LIMIT
---	---	GEOTEXTILE
100	100	CONTOURS
---	---	BOLLARD
---	---	FENCE POST
---	---	SIGN
---	---	ELECTRIC TRANSFORMER
---	---	ELECTRIC METER
---	---	LUMINAIRE
---	---	ELECTRICAL LOAD CENTER
---	---	TELEPHONE PEDESTAL
---	---	WATER WELL
---	---	FIRE HYDRANT
---	---	STORM DRAIN MANHOLE
---	---	FUEL/GAS
---	---	BUILDING
---	---	ASPHALT PAVEMENT
---	---	CONCRETE
---	---	GRAVEL
---	---	GRADE BREAK/DRAINAGE FLOW
---	---	LAWN
---	---	CLEARING & GRUBBING

ABBREVIATIONS

AAC	ALASKA ADMINISTRATIVE CODE
ABC	AGGREGATE BASE COURSE
ADEC	ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
APPROX	APPROXIMATELY
ASC	AGGREGATE SURFACE COURSE
ASPH	ASPHALT
BLDG	BUILDING
BMP	BEST MANAGEMENT PRACTICE
BOP	BOTTOM OF PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
DEMO	DEMOLITION
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DOT&PF	ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
DTL	DETAIL
E	EASTING
EA	EACH
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
ESCP	EROSION AND SEDIMENT CONTROL PLAN
(E)	EXISTING
FDN	FOUNDATION
F&I	FURNISH AND INSTALL
FF	FINISHED FLOOR
FG	FINISH GRADE
FT	FOOT, FEET
G	NATURAL GAS
GAL	GALLONS
GB	GRADE BREAK
GW	GROUND WATER
HORZ	HORIZONTAL
IGC	IN-GROUND CREMAIN
IN	INCH, INCHES
INV	INVERT
L	LENGTH
LF	LINEAL FEET
LT	LEFT
M&O	MAINTENANCE & OPERATIONS
MAX	MAXIMUM
ME	MATCH EXISTING
MECH	MECHANICAL
MIN	MINIMUM
N	NORTHING
NTS	NOT TO SCALE
O.C.	ON CENTER
P&P	PLAN AND PROFILE
PPC	PRE-PLACED CRYPT
PVC	POLYVINYL CHLORIDE
R	RADIUS
ROW	RIGHT OF WAY
RT	RIGHT
RW	RUNWAY
S	SLOPE
SD	STORM DRAIN
SF	SQUARE FEET
SQ	SQUARE
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
SWPPP	STORM WATER POLLUTION PREVENTION PLAN
TCE	TEMPORARY CONSTRUCTION EASEMENT
TH	TEST HOLE
TYP	TYPICAL
W	WATER
WI	WITH

CONSTRUCTION DOCUMENT

NOTE

DATE

DRAWINGS PREPARED BY:
R&M CONSULTANTS, INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

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INTERIOR ALASKA VETERANS CEMETERY (IAVC)
DOT/PPF Z800330000; DMVA ###

95% DESIGN

SCALE: 1" = 1'

DRAWN BY: BL

PROJ. MGR.: DRP

ENR/MEET:

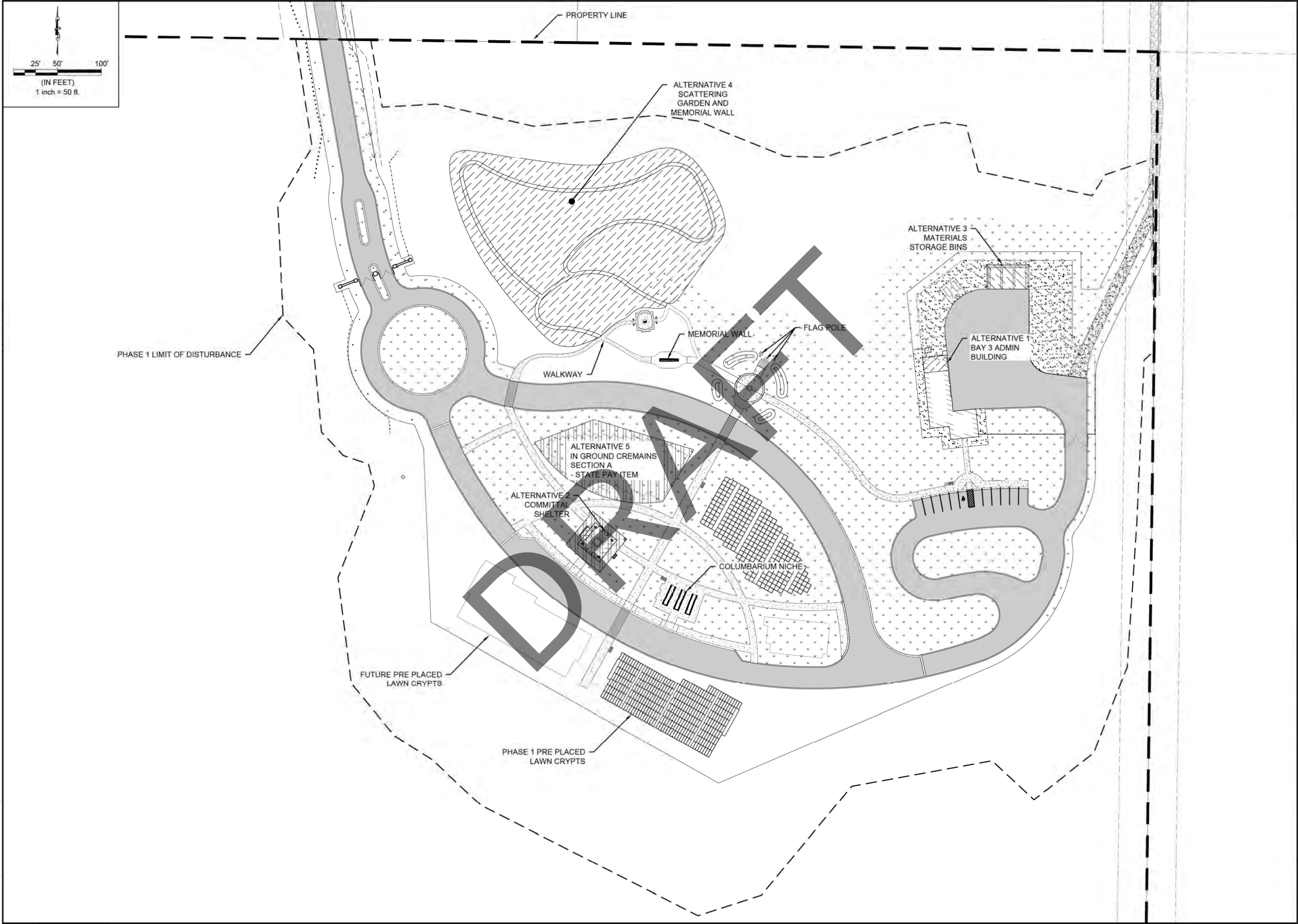
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SHEET INDEX, ABBREVIATIONS, & LEGEND

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INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP Z800330000; DMVA ###

BASE BID & ALTERNATIVES

SCALE:	BL
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PROJ. MGR:	
ENGINEER:	
DATE:	7/1/25

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G 003

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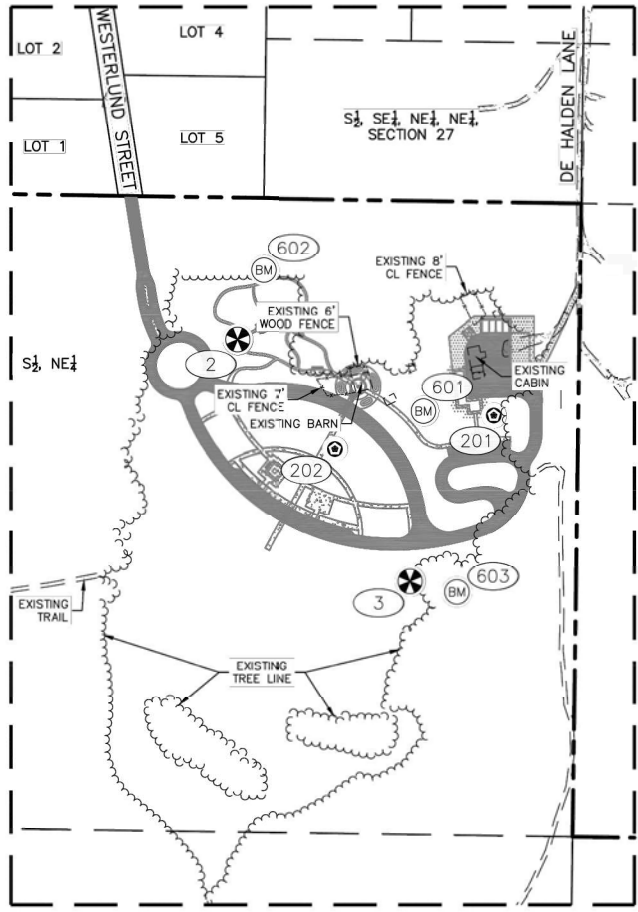
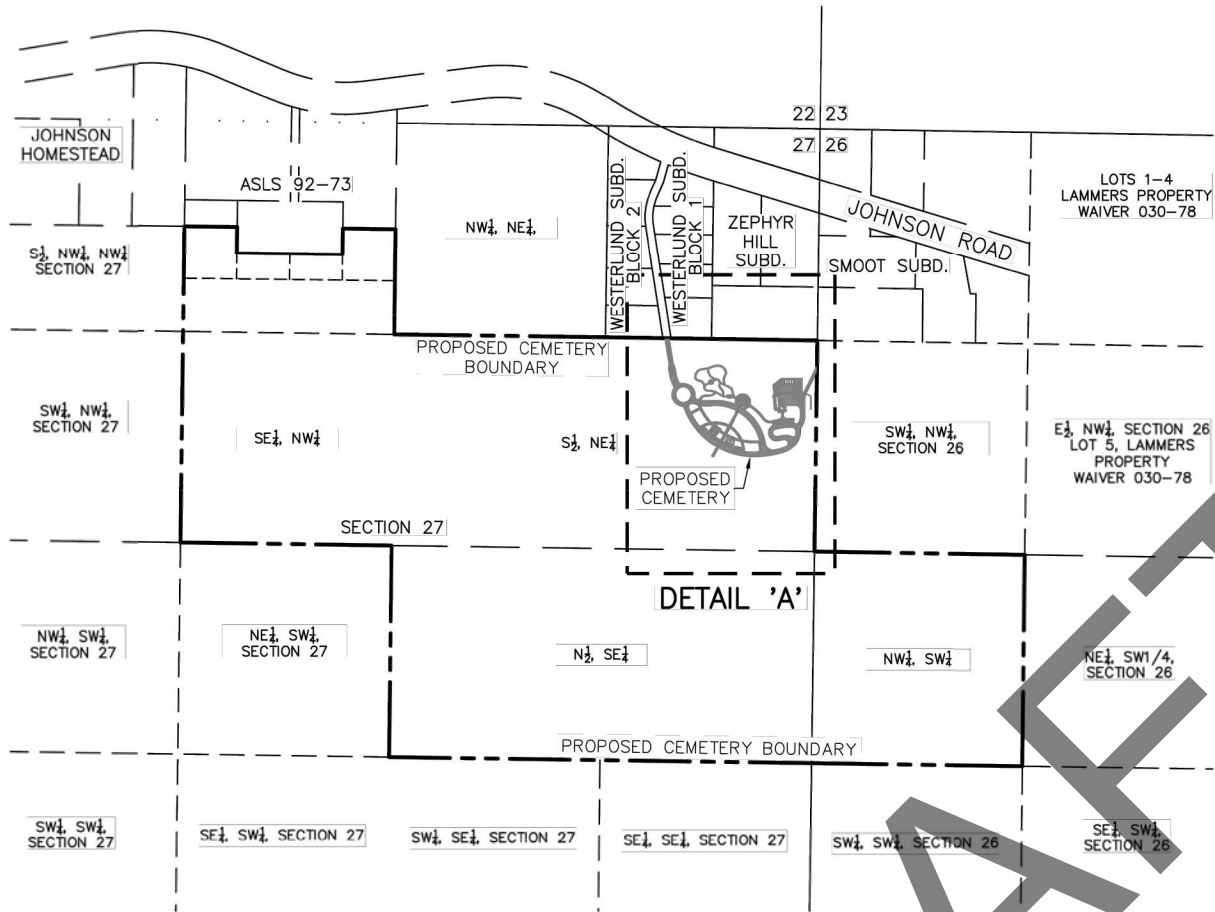
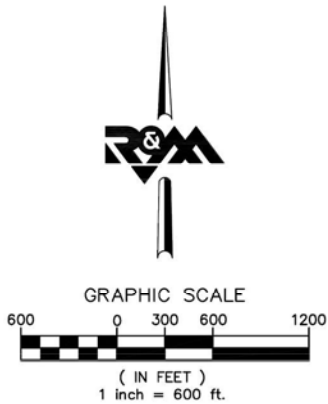
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ANCHORAGE, AK 99507

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Plotted 6/25/2025 10:41 AM by Travis Wilson

Z:\project\1869.03 DOT_SW DMVA Interior AK Veterans Cemetery Salcha Site\Survey\ACAD\1869-03 DMVA SCS.dwg



DETAIL 'A'
SCALE: 1" = 200'

HORIZONTAL CONTROL STATEMENT:

COORDINATE SYSTEM:
THIS PROJECT IS LOCATED ENTIRELY WITHIN THE NAD83(2011), ALASKA STATE PLANE, ZONE 3, COORDINATE SYSTEM EXPRESSED IN U.S. SURVEY FEET.

BASIS OF COORDINATES:
THE BASIS OF COORDINATES FOR THIS SURVEY IS POINT NUMBER 201. THE GEODETIC POSITION FOR 201 WAS ESTABLISHED IN SEPTEMBER 2024 BY R&M CONSULTANTS, INC. BY GNSS OBSERVATIONS AND WAS MONUMENTED WITH A 2" ALUMINUM CAP MOUNTED ON A 30" LONG, 5/8" DIAMETER REBAR, SET 0.1' ABOVE GRADE.

POINT 201
NAD83(2011) (EPOCH 2010.00):
N 64°32'28.49283" LATITUDE
W 146°54'23.49256" LONGITUDE

ALASKA STATE PLANE, ZONE 3:
N 3853241.8284'
E 1497725.4615'

ELLIPSOIDAL HEIGHT:
896.90'

NAVD88 (GEOID12B) ELEVATION:
863.64'

BASIS OF BEARINGS:
THE BASIS OF BEARINGS IS THE NAD83(2011) ALASKA STATE PLANE, ZONE 3 COORDINATE SYSTEM.

VERTICAL CONTROL STATEMENT:

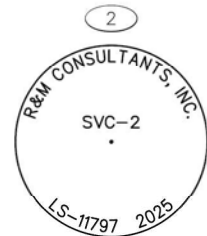
PROJECT VERTICAL DATUM IS NAVD88 (GEOID12B), HOLDING THE ELEVATION FOR POINT NUMBER 201 AT ELEVATION 863.64'. THIS ELEVATION WAS DERIVED BY AVERAGING MULTIPLE NGS OPUS SOLUTIONS WHICH WERE ACQUIRED OVER MULTIPLE DAYS OF STATIC SURVEYING. THIS ELEVATION WAS TRANSFERRED TO OTHER CONTROL WITH DIFFERENTIAL LEVELS.

SURVEY NOTES:

- THIS INFORMATION SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY R&M CONSULTANTS, INC. BETWEEN SEPTEMBER 2023 AND JUNE 2025. GNSS STATIC AND RTK SURVEYS WERE PERFORMED USING TRIMBLE DUAL FREQUENCY RECEIVERS. CLOSED DIFFERENTIAL LEVEL LOOPS WERE PERFORMED WITH A LEICA DNA10 DIGITAL LEVEL WITH BAR CODE ROD AND MEET 3RD ORDER SPECIFICATIONS.
- ALL DIMENSIONS, COORDINATES, AND ELEVATIONS SHOWN HEREON ARE EXPRESSED IN U.S. SURVEY FEET, UNLESS OTHERWISE NOTED.
- ALL COORDINATES AND DIMENSIONS SHOWN HEREON SHOULD BE VERIFIED IN THE FIELD BEFORE USE.
- WETHER LISTED OR NOT, ALL MONUMENTS OR PROPERTY MARKERS, CORNERS, OR ACCESSORIES WHICH WILL BE DISTURBED OR BURIED, SHALL BE REFERENCED OR RE-ESTABLISHED IN THEIR ORIGINAL POSITION (A.S. 19.10.260) AND RECORDED (A.S. 34.65.040).
- ALL PROPERTY CORNERS FOUND DURING THIS SURVEY WILL BE SHOWN ON THE POST CONSTRUCTION RECORD OF SURVEY.

LEGEND:

- SET PRIMARY CONTROL
- SET SECONDARY CONTROL
- SET TEMPORARY BENCHMARK
- POINT NUMBER
- CEMETERY BOUNDARY
- PROPERTY LINE



-SET-
3-1/4" ALUMINUM CAP ON
2-1/2"x30" FLARED END
ALUMINUM POST WITH DEEP-1
MAGNET, 0.3' BELOW GRADE.
SET CARSONITE POST 2' N'LY.



-SET-
3-1/4" ALUMINUM CAP ON
2-1/2"x30" FLARED END
ALUMINUM POST WITH DEEP-1
MAGNET, 0.2' BELOW GRADE.
SET CARSONITE POST 2' E'LY.



-SET-
2" ALUMINUM CAP
ON 5/8"x30" REBAR,
0.1' ABOVE GRADE.



-SET-
2" ALUMINUM CAP
ON 5/8"x30" REBAR,
0.1' ABOVE GRADE.

HORIZONTAL CONTROL

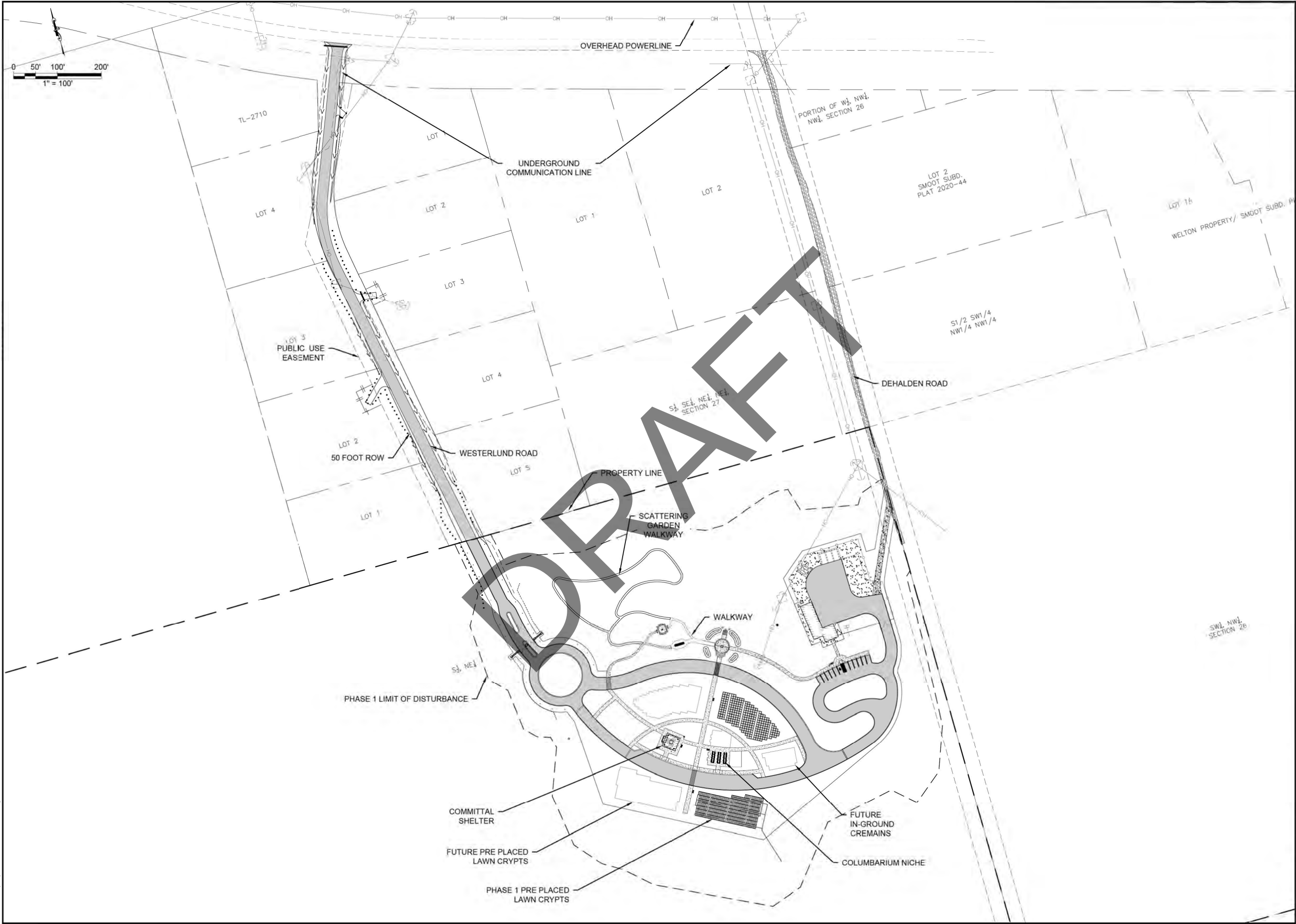
POINT	NORTHING	EASTING	NORTH LATITUDE	WEST LONGITUDE	DESCRIPTION
2	3853399.0507	1497191.7309	N64° 32' 29.96504"	W146° 54' 35.74922"	PRIM MON SET SVC-2 11797-S 2025
3	3852895.3433	1497550.7674	N64° 32' 25.05811"	W146° 54' 27.37406"	PRIM MON SET SVC-3 11797-S 2025
201	3853241.8284	1497725.4615	N64° 32' 28.49283"	W146° 54' 23.49256"	REBAR CAP SET CP201 11797-S 2023
202	3853172.5404	1497394.2450	N64° 32' 27.76427"	W146° 54' 31.04398"	REBAR CAP SET CP202 11797-S 2023

VERTICAL CONTROL

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
601	3853251	1497579	865.91	TEMP BM SPIKE BENCHTIE IN 24" SPRUCE
602	3853544	1497246	865.99	TEMP BM 8" SPIKE IN 10" ASPEN
603	3852873	1497648	845.05	TEMP BM 8" SPIKE IN 13" BIRCH

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95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PP Z800330000; DMVA ###

CIVIL SITE PLAN

SCALE:	1" = 100'
DRAWN BY:	BL
PROJ. MGR.:	DRP
ENGINEER:	
DATE:	7/1/25

SHEET NO:	CS 001
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INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PPF Z800330000; DMVA ###

DEMOLITION PLAN

SCALE:	DL
DRAWN BY:	DRP
PROJ. MGR.:	
ENGINEER:	
DATE:	7/1/25

SHEET NO:
CD 001

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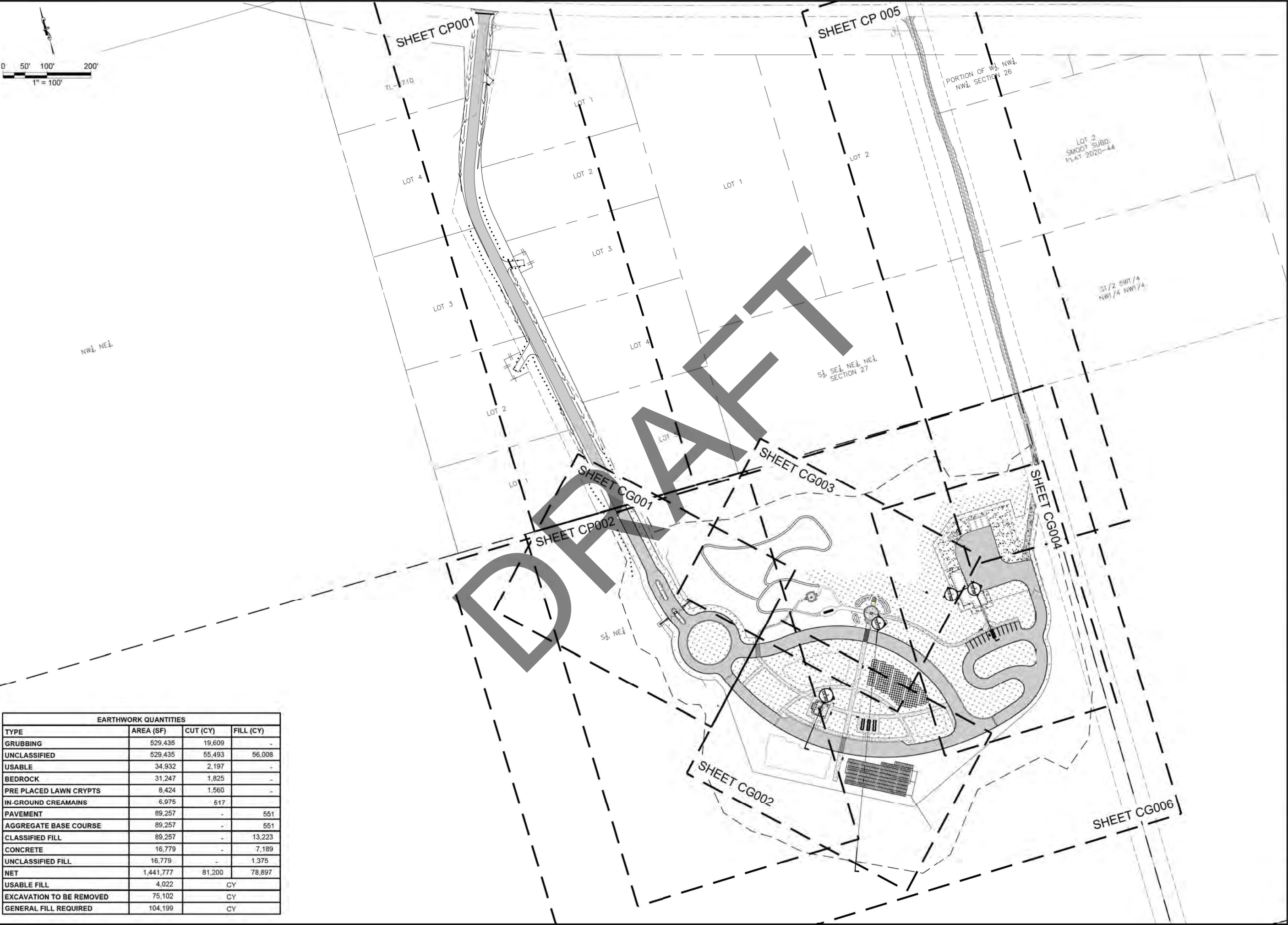
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EARTHWORK QUANTITIES			
TYPE	AREA (SF)	CUT (CY)	FILL (CY)
GRUBBING	529,435	19,609	-
UNCLASSIFIED	529,435	55,493	56,008
USABLE	34,932	2,197	-
BEDROCK	31,247	1,825	-
PRE PLACED LAWN CRYPTS	8,424	1,560	-
IN-GROUND CREAMAINS	6,975	617	-
PAVEMENT	89,257	-	551
AGGREGATE BASE COURSE	89,257	-	551
CLASSIFIED FILL	89,257	-	13,223
CONCRETE	16,779	-	7,189
UNCLASSIFIED FILL	16,779	-	1,375
NET	1,441,777	81,200	78,897
USABLE FILL	4,022		CY
EXCAVATION TO BE REMOVED	75,102		CY
GENERAL FILL REQUIRED	104,199		CY



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)	
DOT/PP Z800330000; DMVA ###	
GRADING SHEET INDEX	
SCALE:	1" = 100'
DRAWN BY:	BL
PROJ. MGR.:	DRP
ENGINEER:	
DATE:	7/1/25
SHEET NO:	
CG 001	
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STATE OF ALASKA



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STATE OF ALASKA

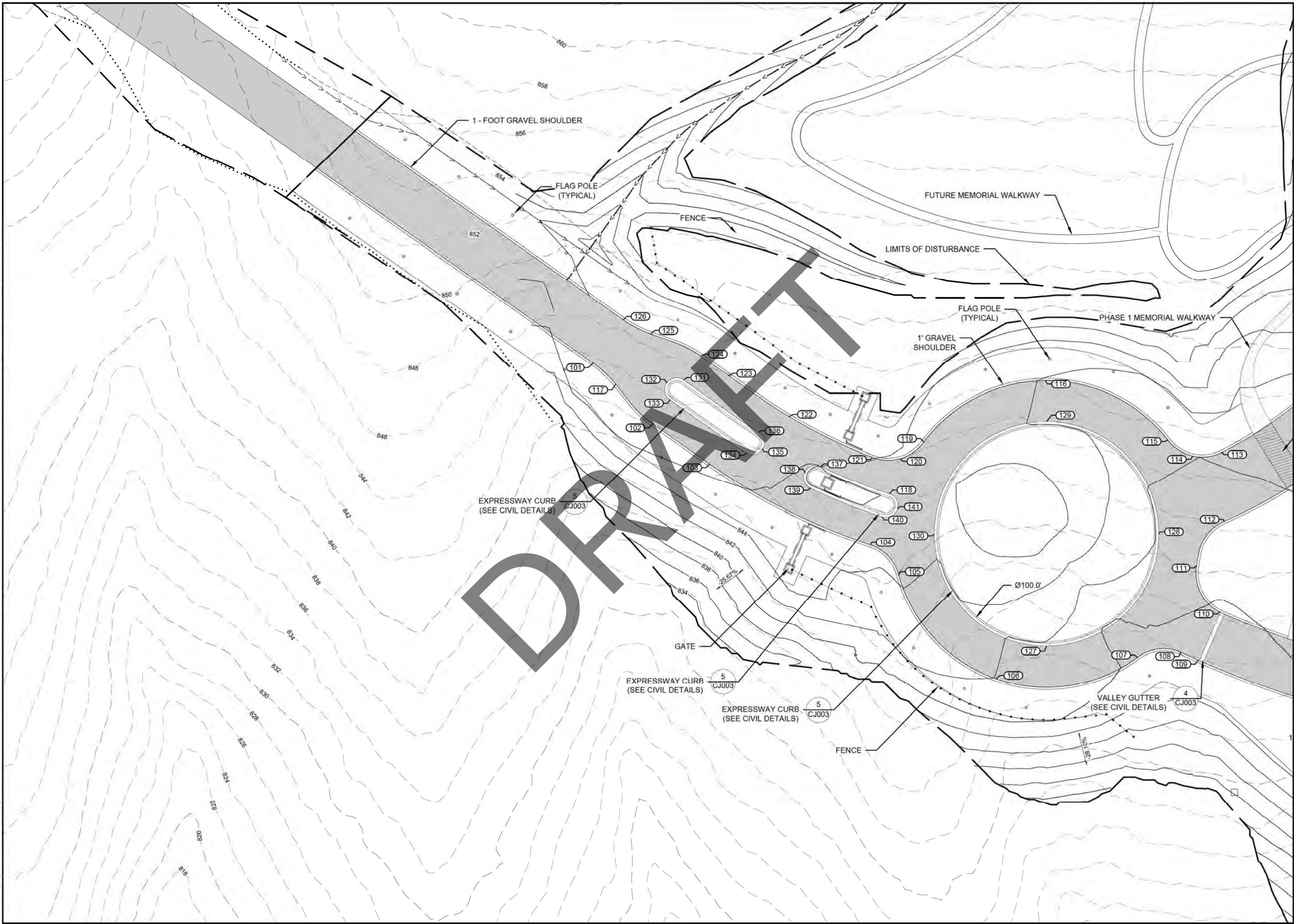
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INTERIOR ALASKA VETERANS CEMETERY (IAVC)	
DOT/PP Z800330000; DMVA ###	
GRADING PLAN 1	
SCALE:	1" = 100'
DRAWN BY:	BL
PROJ. MGR.:	DRP
ENGINEER:	
DATE:	7/1/25
SHEET NO: CG 002	
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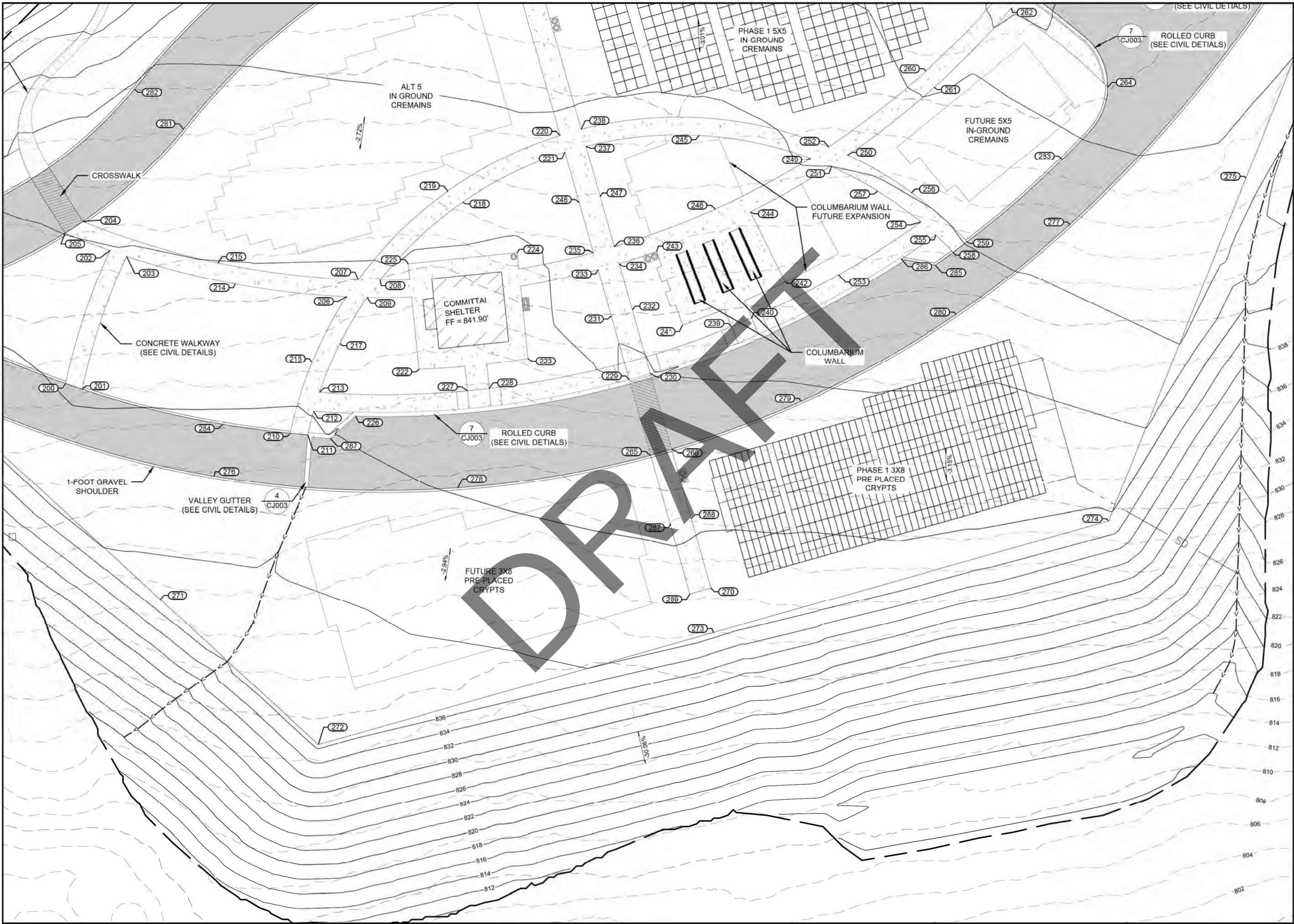
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INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP Z800330000; DMVA ###

GRADING PLAN 2

SCALE:
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ENGINEER:
DATE: 7/1/25

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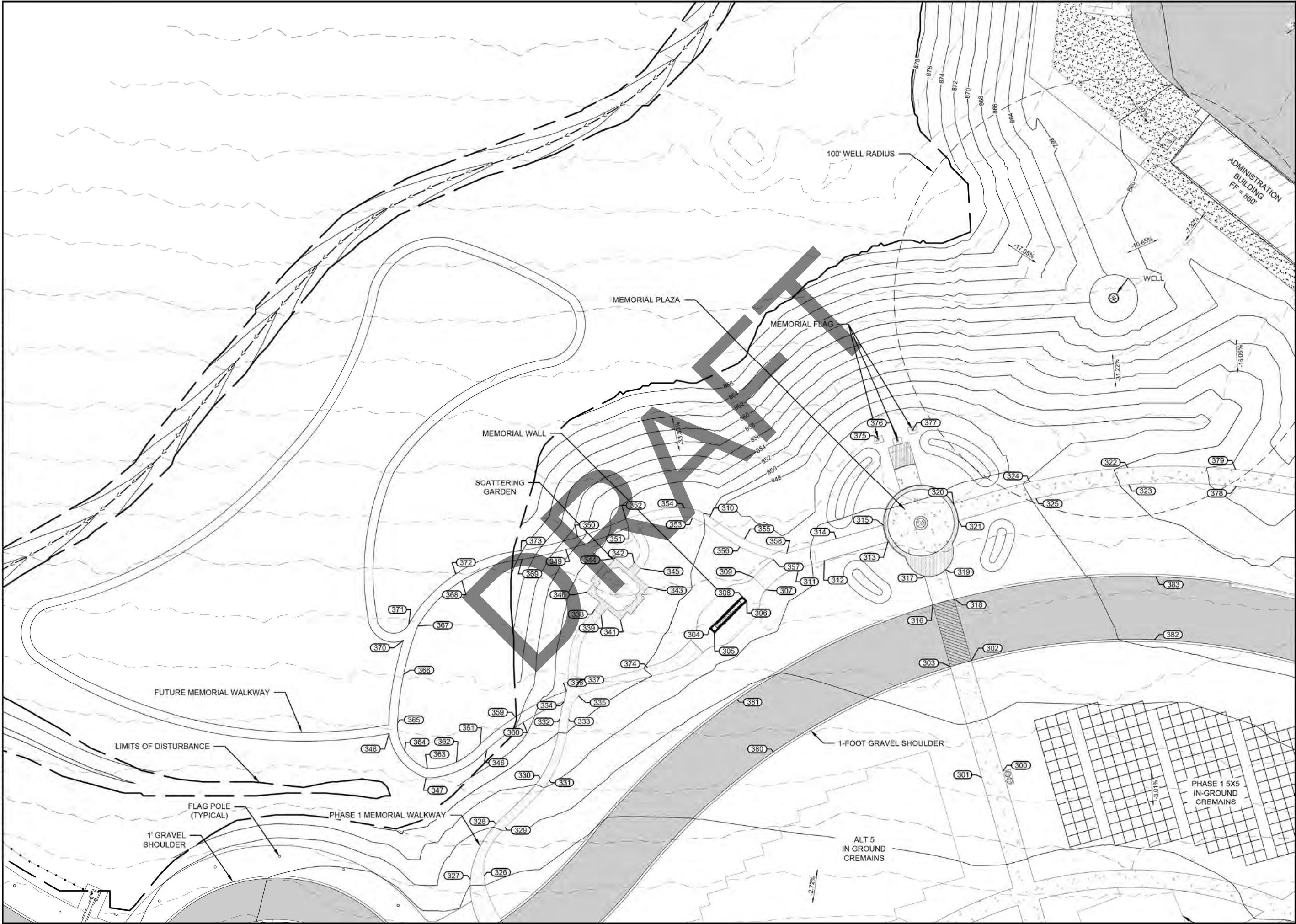
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INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP Z800330000; DMVA ###

GRADING PLAN 3

SCALE:
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ENGINEER:
DATE: 7/1/25

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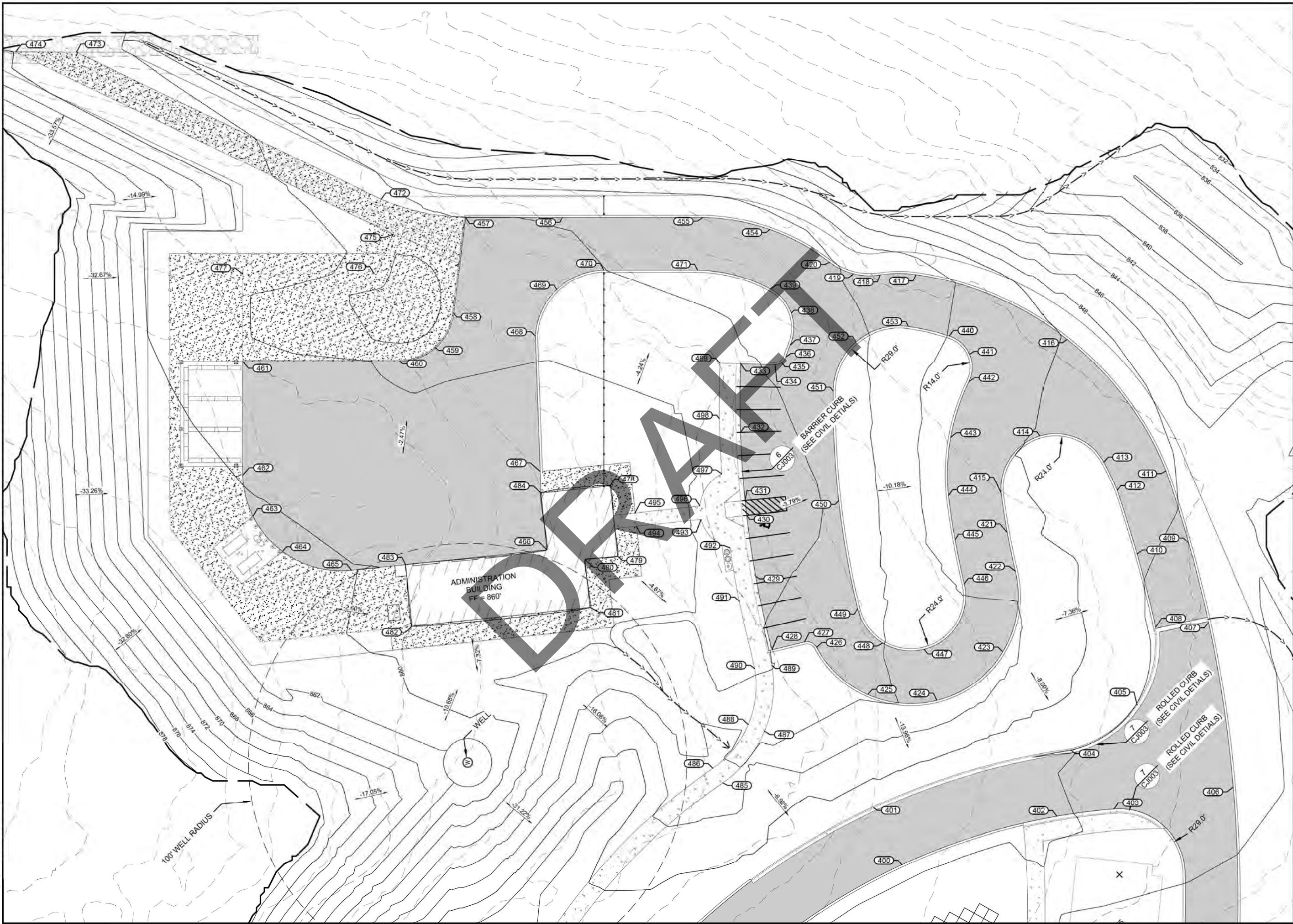
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INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

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GRADING PLAN 4

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIESDEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507

[illegible]

CONSTRUCTION
DOCUMENT

Plotted 7/1/2025 9:26 AM by Branson Lee

Z:\project\1869.03 Dot_sw Drwa Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - CG 1.1 DRAINAGE GRADING PLAN.dwg

Point Table				
Point #	Invert Elevation	Northing	Easting	Description
500	886.00	3853585.10	1497013.75	DITCH DRAINAGE
501	852.00	3853592.74	1497072.64	DITCH DRAINAGE
502	886.00	3853579.42	1497142.60	DITCH DRAINAGE
503	886.00	3853568.80	1497214.05	DITCH DRAINAGE
504	886.00	3853577.84	1497302.05	DITCH DRAINAGE
505	874.00	3853555.89	1497419.80	DITCH DRAINAGE
506	880.00	3853532.51	1497534.46	DITCH DRAINAGE
507	886.01	3853579.48	1497669.72	DITCH DRAINAGE
508	858.00	3853244.40	1497628.94	DITCH DRAINAGE
509	854.00	3853205.38	1497594.07	DITCH DRAINAGE
510	858.03	3853469.41	1497906.39	DITCH DRAINAGE
511	854.00	3853349.32	1497851.89	DITCH DRAINAGE
512	850.00	3853151.71	1497836.15	DITCH DRAINAGE
513	848.00	3853120.20	1497826.00	DITCH DRAINAGE
514	842.00	3853069.04	1497826.19	DITCH DRAINAGE
515	858.00	3853029.44	1497846.70	DITCH DRAINAGE
516	847.00	3852974.65	1497641.97	DITCH DRAINAGE
517	845.16	3852936.83	1497627.19	DITCH DRAINAGE
518	842.00	3852886.70	1497528.80	DITCH DRAINAGE
519	830.00	3852831.68	1497470.73	DITCH DRAINAGE
520	846.00	3852776.73	1497412.60	DITCH DRAINAGE
521	814.00	3852763.76	1497384.96	DITCH DRAINAGE
522	839.19	3853123.16	1497158.54	DITCH DRAINAGE
523	838.00	3853111.40	1497129.28	DITCH DRAINAGE
524	836.00	3853092.34	1497076.91	DITCH DRAINAGE
525	820.00	3853101.33	1497019.31	DITCH DRAINAGE
526	836.00	3853008.68	1497844.21	BOTTOM OF LEVEL SPREADER
527	836.01	3852959.09	1497804.25	BOTTOM OF LEVEL SPREADER
528	811.00	3852771.90	1497340.09	BOTTOM OF LEVEL SPREADER
529	811.00	3852841.08	1497238.71	BOTTOM OF LEVEL SPREADER

1 DRAINAGE DITCH GRADING

1:50



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP Z800330000; DMVA ###

DITCH GRADING

SCALE:	BL
DRAWN BY:	DRP
PROJ. MGR:	
ENGINEER:	
DATE:	7/1/25

SHEET NO:
CG 006

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DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

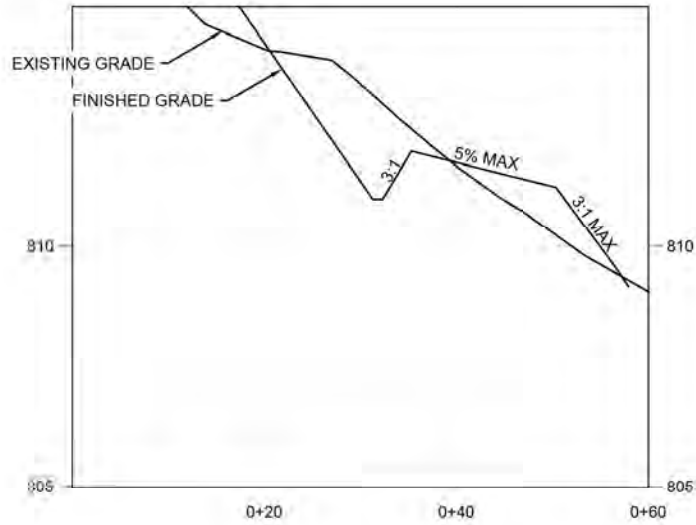


DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1615 VANNUARD BOULE
ANCHORAGE, AK 99507

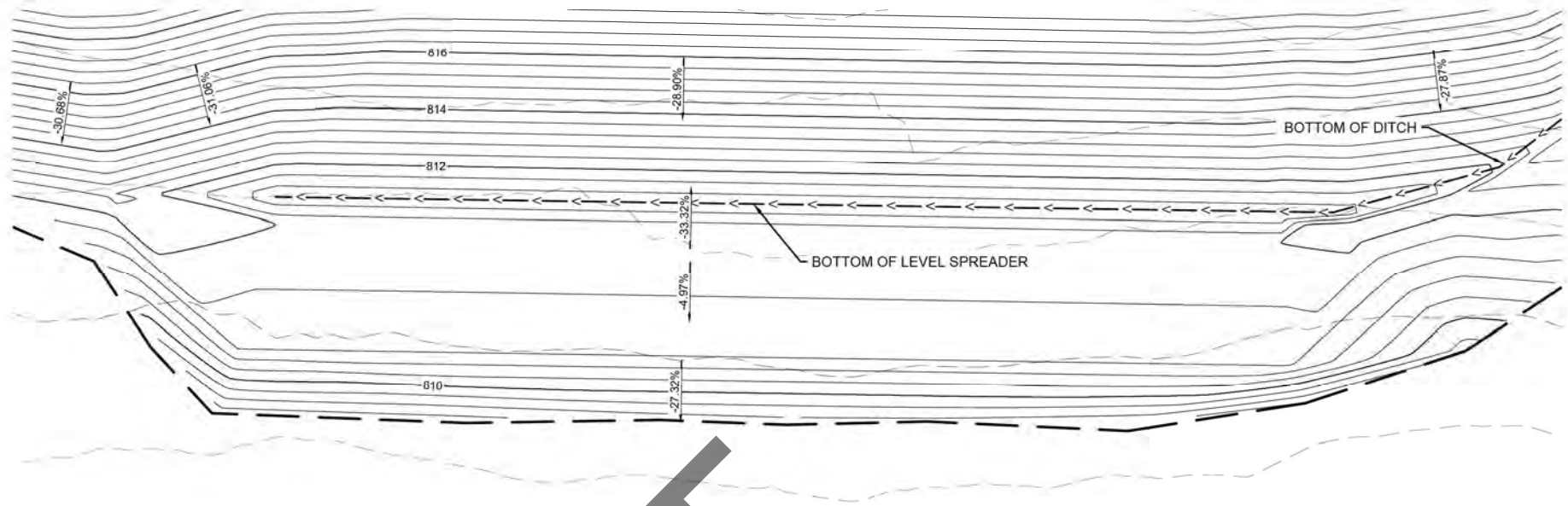
DATE	NOTE

CONSTRUCTION
DOCUMENT

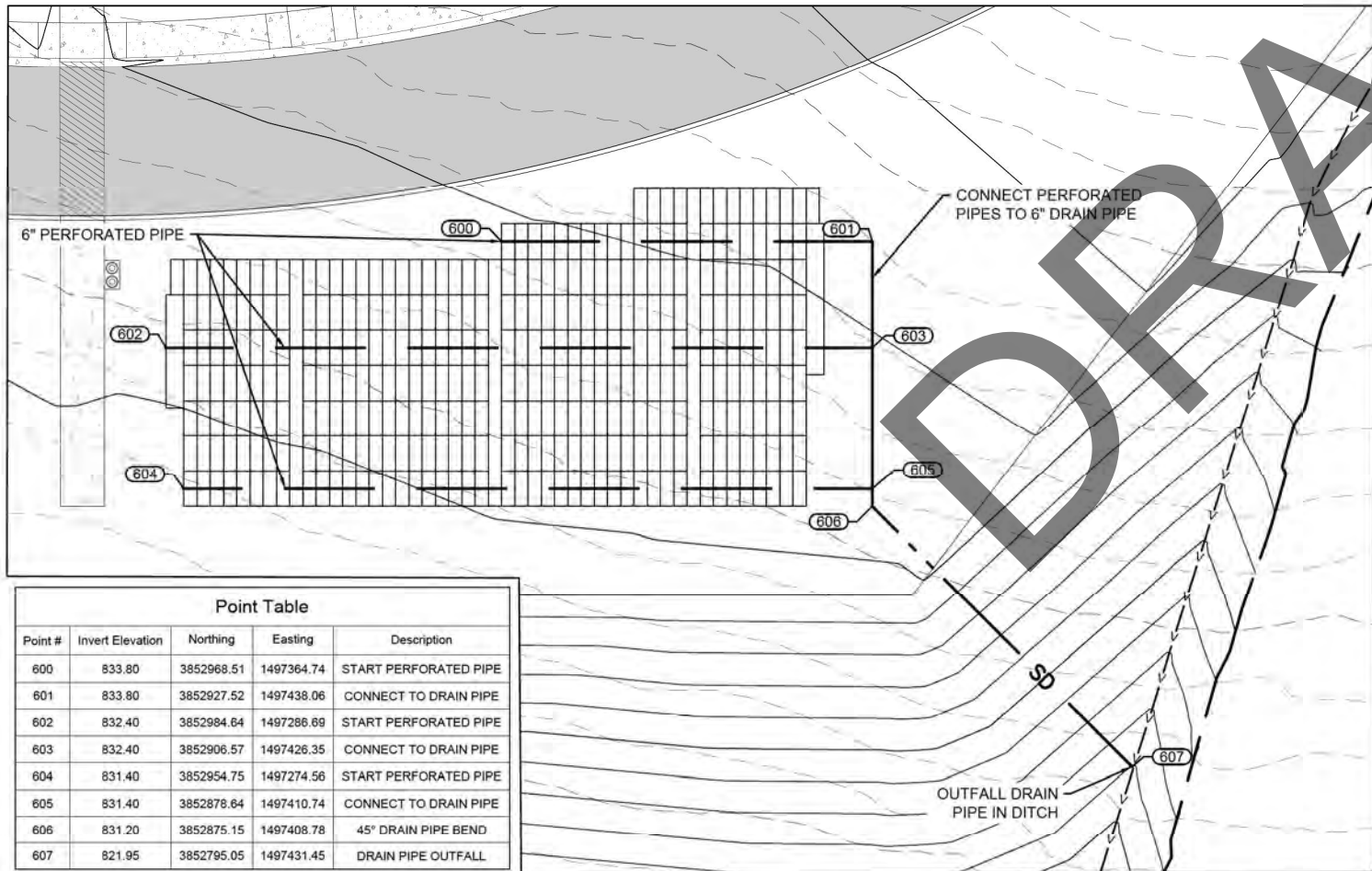
Z:\project\1869.03 Dot_sw Drwa Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - CG 1.1 DRAINAGE GRADING PLAN.dwg
Plotted 7/1/2025 9:26 AM by Branson Lee



1 LEVEL SPREADER TYPICAL SECTION
1:10

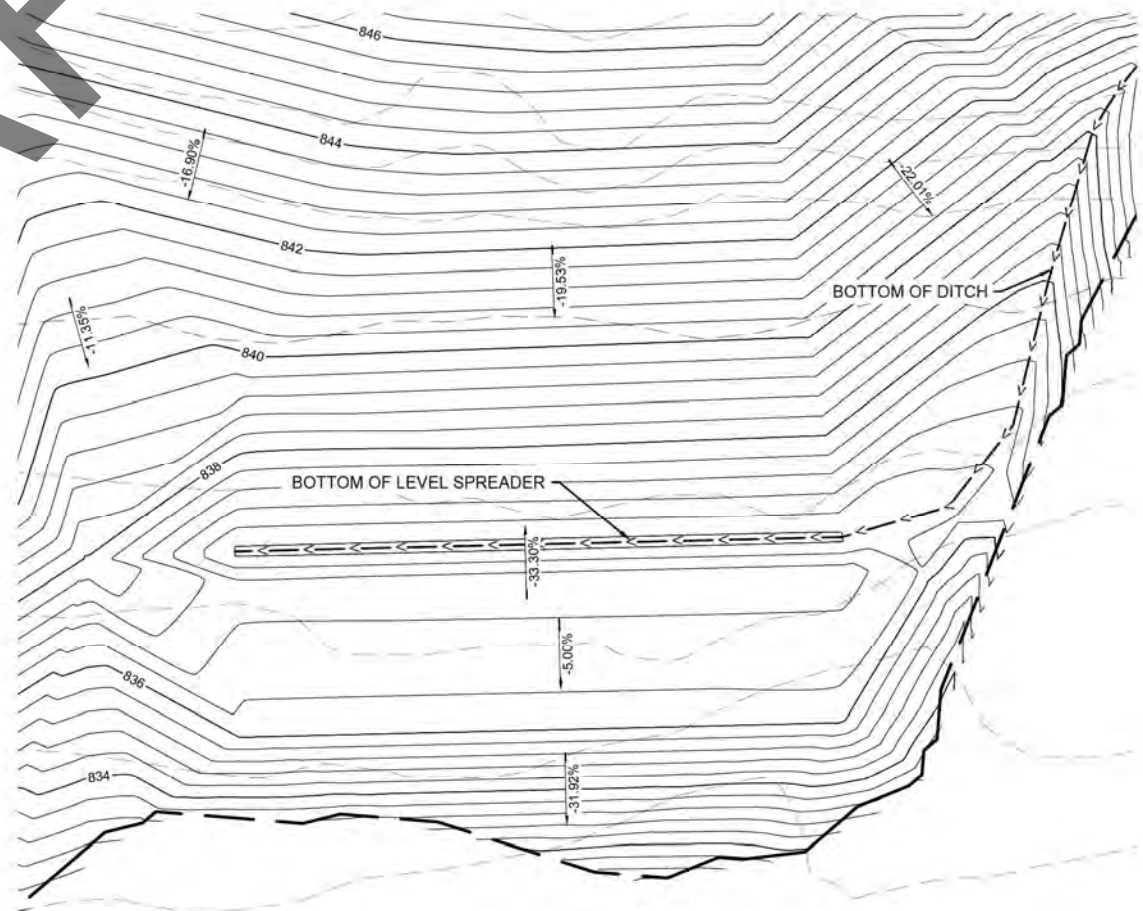


2 LEVEL SPREADER 1
1:10



Point Table				
Point #	Invert Elevation	Northing	Easting	Description
600	833.80	3852968.51	1497364.74	START PERFORATED PIPE
601	833.80	3852927.52	1497438.06	CONNECT TO DRAIN PIPE
602	832.40	3852984.64	1497286.69	START PERFORATED PIPE
603	832.40	3852906.57	1497426.35	CONNECT TO DRAIN PIPE
604	831.40	3852954.75	1497274.56	START PERFORATED PIPE
605	831.40	3852878.84	1497410.74	CONNECT TO DRAIN PIPE
606	831.20	3852875.15	1497408.78	45° DRAIN PIPE BEND
607	821.95	3852795.05	1497431.45	DRAIN PIPE OUTFALL

2 PPC SUBSURFACE DRAINAGE PLAN
1:20



4 LEVEL SPREADER 2
1:10

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PP Z800330000; DMVA ###
PPC SUBSURFACE DRAINAGE & LEVEL
SPREADER GRADING

SHEET NO:
CG 007
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DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

TRANSPORTATION & PUBLIC FACILITIES - STATE OF ALASKA

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1615 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

DATE	NOTE

CONSTRUCTION
DOCUMENT

Point Table				
Point #	Elevation	Northing	Easting	Description
101	847.50	3853547.38	1496979.36	EDGE OF PAVEMENT
102	846.87	3853508.50	1496978.98	EDGE OF PAVEMENT
103	846.37	3853477.26	1496984.38	EDGE OF PAVEMENT
104	844.84	3853399.27	1497010.13	EDGE OF PAVEMENT
105	844.22	3853380.66	1497009.81	EDGE OF PAVEMENT
106	841.95	3853315.40	1497007.55	EDGE OF PAVEMENT
107	839.70	3853276.68	1497060.13	EDGE OF PAVEMENT
108	839.56	3853264.18	1497075.77	EDGE OF PAVEMENT
109	839.41	3853256.16	1497078.81	EDGE OF PAVEMENT
110	839.64	3853264.97	1497101.20	EDGE OF PAVEMENT
111	840.53	3853287.19	1497108.74	EDGE OF PAVEMENT
112	841.21	3853292.55	1497131.94	EDGE OF PAVEMENT
113	842.21	3853315.55	1497153.69	EDGE OF PAVEMENT
114	842.06	3853323.86	1497142.97	EDGE OF PAVEMENT
115	842.40	3853337.09	1497140.01	EDGE OF PAVEMENT
116	843.91	3853395.81	1497119.63	EDGE OF PAVEMENT
117	847.27	3853533.21	1496979.77	EDGE OF PAVEMENT
118	845.28	3853409.34	1497032.83	MEDIAN 2
119	845.43	3853415.18	1497060.57	EDGE OF PAVEMENT
120	845.72	3853417.40	1497047.76	EDGE OF PAVEMENT
121	846.04	3853426.79	1497039.12	EDGE OF PAVEMENT
122	846.67	3853466.82	1497025.38	EDGE OF PAVEMENT
123	847.18	3853499.34	1497019.13	EDGE OF PAVEMENT
124	847.41	3853514.94	1497016.43	EDGE OF PAVEMENT
125	847.79	3853538.07	1497007.34	EDGE OF PAVEMENT
126	848.00	3853551.47	1497003.01	EDGE OF PAVEMENT
127	841.16	3853309.65	1497034.32	EDGE OF PAVEMENT
128	841.33	3853309.65	1497106.80	EDGE OF PAVEMENT
129	843.76	3853382.13	1497106.80	EDGE OF PAVEMENT
130	844.32	3853382.13	1497034.32	EDGE OF PAVEMENT
131	847.22	3853512.64	1497003.11	MEDIAN 1
132	847.15	3853517.14	1496996.77	MEDIAN 1
133	847.07	3853510.79	1496992.27	MEDIAN 1
134	846.40	3853469.16	1496989.70	MEDIAN 1
135	846.48	3853465.00	1497006.27	MEDIAN 1
136	846.57	3853471.56	1497010.43	MEDIAN 1
137	846.00	3853440.46	1497019.53	MEDIAN 2
138	845.92	3853443.83	1497012.53	MEDIAN 2
139	845.84	3853436.82	1497009.15	MEDIAN 2
140	845.08	3853404.35	1497023.03	MEDIAN 2
141	845.18	3853401.94	1497030.43	MEDIAN 2

Point Table				
Point #	Elevation	Northing	Easting	Description
200	840.10	3853234.19	1497114.52	CONCRETE WALKWAY
201	840.18	3853226.96	1497118.08	CONCRETE WALKWAY
202	841.95	3853262.85	1497171.76	CONCRETE WALKWAY
203	841.80	3853255.63	1497175.30	CONCRETE WALKWAY
204	842.17	3853280.94	1497172.38	CONCRETE WALKWAY
205	842.02	3853282.93	1497162.88	CONCRETE WALKWAY
206	841.70	3853171.53	1497233.21	CONCRETE WALKWAY
207	841.80	3853173.23	1497242.54	CONCRETE WALKWAY
208	841.85	3853166.11	1497249.39	CONCRETE WALKWAY
209	841.80	3853164.64	1497239.66	CONCRETE WALKWAY
210	839.62	3853145.64	1497171.01	CONCRETE WALKWAY
211	839.57	3853139.49	1497176.16	CONCRETE WALKWAY
212	840.08	3853145.25	1497185.70	CONCRETE WALKWAY
213	840.35	3853149.44	1497193.64	CONCRETE WALKWAY
214	841.73	3853211.60	1497201.39	CONCRETE WALKWAY
215	841.98	3853224.00	1497202.71	CONCRETE WALKWAY
216	840.65	3853161.52	1497200.89	CONCRETE WALKWAY
217	841.07	3853158.66	1497216.12	CONCRETE WALKWAY
218	842.71	3853164.60	1497301.27	CONCRETE WALKWAY
219	842.81	3853172.96	1497299.89	CONCRETE WALKWAY
220	843.67	3853154.76	1497354.26	CONCRETE WALKWAY
221	843.56	3853147.78	1497350.37	CONCRETE WALKWAY
222	841.70	3853124.76	1497233.19	CONCRETE WALKWAY
223	841.70	3853093.10	1497271.89	CONCRETE WALKWAY
224	841.70	3853130.82	1497302.60	CONCRETE WALKWAY
225	841.70	3853162.39	1497263.82	CONCRETE WALKWAY
226	840.49	3853180.12	1497197.63	CONCRETE WALKWAY
227	841.07	3853182.15	1497241.87	CONCRETE WALKWAY
228	841.18	3853095.84	1497249.63	CONCRETE WALKWAY
229	841.75	3853053.68	1497297.68	CONCRETE WALKWAY
230	841.86	3853048.70	1497306.41	CONCRETE WALKWAY
231	842.19	3853079.86	1497312.41	CONCRETE WALKWAY
232	842.24	3853074.98	1497321.14	CONCRETE WALKWAY
233	842.50	3853099.17	1497323.21	CONCRETE WALKWAY
234	842.50	3853094.29	1497331.94	CONCRETE WALKWAY
235	842.61	3853106.16	1497327.11	CONCRETE WALKWAY
236	842.61	3853101.28	1497335.84	CONCRETE WALKWAY
237	843.56	3853142.90	1497359.10	CONCRETE WALKWAY
238	843.67	3853149.88	1497363.01	CONCRETE WALKWAY
239	842.44	3853037.65	1497347.80	CONCRETE WALKWAY
240	842.55	3853033.88	1497357.07	CONCRETE WALKWAY
241	842.92	3853053.92	1497332.47	CONCRETE WALKWAY
242	843.09	3853034.75	1497379.57	CONCRETE WALKWAY
243	843.10	3853086.11	1497347.96	CONCRETE WALKWAY
244	843.35	3853068.59	1497390.97	CONCRETE WALKWAY
245	843.60	3853109.89	1497399.16	CONCRETE WALKWAY
246	843.37	3853080.81	1497380.57	CONCRETE WALKWAY
247	843.08	3853122.09	1497347.47	CONCRETE WALKWAY
248	843.08	3853126.97	1497338.74	CONCRETE WALKWAY
249	844.10	3853066.49	1497427.62	CONCRETE WALKWAY

Point Table				
Point #	Elevation	Northing	Easting	Description
250	844.10	3853055.55	1497440.72	CONCRETE WALKWAY
251	844.00	3853057.04	1497431.75	CONCRETE WALKWAY
252	844.22	3853064.39	1497437.29	CONCRETE WALKWAY
253	843.29	3853019.82	1497399.18	CONCRETE WALKWAY
254	843.77	3853010.28	1497442.64	CONCRETE WALKWAY
255	843.80	3853001.32	1497443.23	CONCRETE WALKWAY
256	844.04	3853022.77	1497449.13	CONCRETE WALKWAY
257	843.89	3853034.25	1497438.71	CONCRETE WALKWAY
258	843.82	3852990.16	1497443.37	CONCRETE WALKWAY
259	844.04	3852989.00	1497451.29	CONCRETE WALKWAY
260	846.43	3853057.38	1497492.93	CONCRETE WALKWAY
261	846.27	3853049.49	1497490.52	CONCRETE WALKWAY
262	848.50	3853050.12	1497540.68	CONCRETE WALKWAY
263	848.57	3853058.71	1497546.99	CONCRETE WALKWAY
264	846.75	3852993.53	1497546.48	CONCRETE WALKWAY
265	841.21	3853022.35	1497280.27	CONCRETE WALKWAY
266	841.21	3853017.48	1497289.00	CONCRETE WALKWAY
267	840.28	3852993.62	1497264.21	CONCRETE WALKWAY
268	840.24	3852988.75	1497272.94	CONCRETE WALKWAY
269	839.35	3852964.89	1497248.16	CONCRETE WALKWAY
270	839.27	3852960.02	1497256.89	CONCRETE WALKWAY
271	837.33	3853133.94	1497075.47	TOP OF BANK
272	836.57	3853036.17	1497079.65	TOP OF BANK
273	838.72	3852944.72	1497243.26	TOP OF BANK
274	839.78	3852853.28	1497406.87	TOP OF BANK
275	845.29	3852919.47	1497561.65	TOP OF BANK
276	839.29	3853156.49	1497132.55	EDGE OF PAVEMENT
277	844.85	3852961.41	1497489.95	EDGE OF PAVEMENT
278	840.11	3853073.99	1497207.45	EDGE OF PAVEMENT
279	841.78	3852991.11	1497346.38	EDGE OF PAVEMENT
280	843.14	3852969.12	1497424.21	EDGE OF PAVEMENT
281	843.20	3853278.20	1497234.62	EDGE OF PAVEMENT
282	843.73	3853307.07	1497231.82	EDGE OF PAVEMENT
283	845.64	3852984.93	1497508.56	EDGE OF PAVEMENT
284	839.79	3853170.38	1497152.12	EDGE OF PAVEMENT

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)
DOT/PP Z800330000; DMVA ###

GRADING POINTS 1

SCALE: 1"=40'

DRAWN BY: BL

PROJ. MGR.: DRP

ENGINEER:

DATE: 7/1/25

SHEET NO: CG 008

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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES

DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

CONSTRUCTION DOCUMENT

NOTE

DATE

Plotted 7/1/2025 9:26 AM by Branson Lee Z:\project\1869.03 Dot_sw Dmva Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - CG 1.0 GRADING PLAN.dwg

Point Table				
Point #	Elevation	Northing	Easting	Description
300	845.24	3853195.75	1497388.59	CONCRETE PATH
301	845.24	3853200.62	1497379.86	CONCRETE PATH
302	846.82	3853241.61	1497414.17	CONCRETE PATH
303	846.82	3853246.48	1497405.44	CONCRETE PATH
304	0.00	3853336.09	1497340.09	CONCRETE PATH
305	0.00	3853333.09	1497340.09	CONCRETE PATH
306	0.00	3853333.09	1497360.93	CONCRETE PATH
307	0.00	3853330.59	1497370.82	CONCRETE PATH
308	0.00	3853336.09	1497360.93	CONCRETE PATH
309	0.00	3853338.59	1497370.82	CONCRETE PATH
310	0.00	3853372.15	1497376.14	CONCRETE PATH
311	0.00	3853326.99	1497388.15	CONCRETE PATH
312	847.76	3853321.15	1497398.89	CONCRETE PATH
313	847.76	3853306.68	1497425.51	CONCRETE PATH
314	0.00	3853324.33	1497409.78	CONCRETE PATH
315	847.86	3853313.71	1497420.33	CONCRETE PATH
316	847.12	3853271.84	1497419.59	CONCRETE PATH
317	847.39	3853284.04	1497426.34	CONCRETE PATH
318	847.12	3853266.98	1497428.29	CONCRETE PATH
319	847.39	3853279.18	1497435.08	CONCRETE PATH
320	847.87	3853297.78	1497458.84	CONCRETE PATH
321	847.79	3853290.73	1497455.06	CONCRETE PATH
322	850.21	3853253.44	1497526.75	CONCRETE PATH
323	850.19	3853247.46	1497521.44	CONCRETE PATH
324	846.13	3853260.16	1497400.46	CONCRETE PATH
325	848.10	3853272.87	1497487.03	CONCRETE PATH
326	0.00	3853329.18	1497187.61	WALKWAY
327	0.00	3853332.54	1497182.17	WALKWAY
328	846.13	3853341.90	1497208.10	WALKWAY
329	846.14	3853337.91	1497210.11	WALKWAY
330	848.26	3853342.69	1497237.35	WALKWAY
331	848.30	3853339.07	1497239.63	WALKWAY
332	850.51	3853355.37	1497262.73	WALKWAY
333	850.47	3853352.47	1497265.52	WALKWAY
334	851.15	3853359.54	1497269.58	WALKWAY
335	851.33	3853356.73	1497276.01	WALKWAY
336	0.00	3853362.13	1497273.71	WALKWAY
337	0.00	3853360.29	1497278.00	WALKWAY
338	0.00	3853379.30	1497309.01	WALKWAY
339	0.00	3853375.32	1497309.36	WALKWAY
340	0.00	3853387.62	1497312.32	WALKWAY
341	0.00	3853367.69	1497314.02	WALKWAY
342	0.00	3853381.68	1497336.91	WALKWAY
343	0.00	3853369.39	1497333.95	WALKWAY
344	0.00	3853389.32	1497332.25	WALKWAY
345	0.00	3853377.69	1497337.25	WALKWAY
346	0.00	3853368.89	1497229.06	WALKWAY
347	0.00	3853379.56	1497200.66	WALKWAY
348	0.00	3853405.67	1497202.98	WALKWAY
349	0.00	3853407.94	1497319.18	WALKWAY

Point Table				
Point #	Elevation	Northing	Easting	Description
350	0.00	3853408.25	1497326.98	WALKWAY
351	851.51	3853394.76	1497346.59	WALKWAY
352	0.00	3853398.54	1497348.43	WALKWAY
353	850.23	3853377.37	1497370.08	WALKWAY
354	850.35	3853383.12	1497370.79	WALKWAY
355	849.18	3853353.79	1497380.06	WALKWAY
356	849.27	3853352.71	1497376.15	WALKWAY
357	0.00	3853337.77	1497382.92	WALKWAY
358	0.00	3853335.54	1497389.11	WALKWAY
359	0.00	3853370.38	1497249.00	WALKWAY
360	0.00	3853366.12	1497249.77	WALKWAY
361	0.00	3853372.89	1497228.81	WALKWAY
362	0.00	3853374.79	1497215.53	WALKWAY
363	0.00	3853381.95	1497203.94	WALKWAY
364	0.00	3853395.01	1497202.42	WALKWAY
365	0.00	3853406.36	1497209.07	WALKWAY
366	0.00	3853420.18	1497226.88	WALKWAY
367	0.00	3853430.96	1497246.69	WALKWAY
368	0.00	3853431.57	1497275.75	WALKWAY
369	0.00	3853418.90	1497301.91	WALKWAY
370	0.00	3853431.02	1497237.56	WALKWAY
371	0.00	3853434.48	1497244.40	WALKWAY
372	0.00	3853435.63	1497275.89	WALKWAY
373	0.00	3853422.08	1497304.33	WALKWAY
374	850.23	3853343.85	1497307.57	WALKWAY
375	848.75	3853342.50	1497455.44	FLAGPOLE
376	848.66	3853335.99	1497460.98	FLAGPOLE
377	848.75	3853334.72	1497469.43	FLAGPOLE
378	852.58	3853212.20	1497555.44	CONCRETE PATH
379	852.62	3853218.14	1497560.92	CONCRETE PATH
380	844.98	3853275.91	1497320.79	EDGE OF PAVEMENT
381	845.59	3853304.44	1497325.97	EDGE OF PAVEMENT
382	848.29	3853189.08	1497479.87	EDGE OF PAVEMENT
383	848.71	3853209.23	1497500.73	EDGE OF PAVEMENT

Point Table				
Point #	Elevation	Northing	Easting	Description
400	848.80	3853114.29	1497530.02	EDGE OF PAVEMENT
401	848.50	3853127.14	1497556.03	EDGE OF PAVEMENT
402	848.22	3853043.60	1497552.10	EDGE OF PAVEMENT
403	847.48	3853017.43	1497555.44	EDGE OF PAVEMENT
404	847.97	3853037.10	1497582.46	EDGE OF PAVEMENT
405	847.78	3853006.94	1497602.83	EDGE OF PAVEMENT
406	846.80	3852963.08	1497565.64	EDGE OF PAVEMENT
407	846.99	3852974.33	1497640.90	EDGE OF PAVEMENT
408	847.63	3852998.57	1497638.25	EDGE OF PAVEMENT
409	847.68	3852983.41	1497676.93	EDGE OF PAVEMENT
410	848.20	3853006.92	1497671.86	EDGE OF PAVEMENT
411	848.35	3852993.78	1497709.89	EDGE OF PAVEMENT
412	848.80	3853016.03	1497700.88	EDGE OF PAVEMENT
413	849.08	3853022.18	1497713.83	EDGE OF PAVEMENT
414	849.88	3853051.34	1497725.71	EDGE OF PAVEMENT
415	850.40	3853088.99	1497690.63	EDGE OF PAVEMENT
416	849.89	3853038.92	1497769.84	EDGE OF PAVEMENT
417	852.75	3853107.91	1497799.35	EDGE OF PAVEMENT
418	853.35	3853124.20	1497799.22	EDGE OF PAVEMENT
419	853.89	3853136.34	1497799.76	EDGE OF PAVEMENT
420	854.16	3853147.27	1497805.07	EDGE OF PAVEMENT
421	850.70	3853066.22	1497681.70	EDGE OF PAVEMENT
422	851.65	3853062.48	1497683.95	EDGE OF PAVEMENT
423	852.60	3853068.26	1497627.10	EDGE OF PAVEMENT
424	853.56	3853098.31	1497605.01	EDGE OF PAVEMENT
425	854.31	3853129.86	1497607.70	EDGE OF PAVEMENT
426	855.17	3853153.17	1497629.13	EDGE OF PAVEMENT
427	855.38	3853158.73	1497631.80	EDGE OF PAVEMENT
428	855.76	3853173.58	1497628.04	EDGE OF PAVEMENT
429	856.44	3853181.01	1497681.86	EDGE OF PAVEMENT
430	856.86	3853185.10	1497689.46	EDGE OF PAVEMENT
431	856.86	3853185.84	1497696.16	EDGE OF PAVEMENT
432	856.80	3853187.92	1497727.38	EDGE OF PAVEMENT
433	856.27	3853167.04	1497759.67	EDGE OF PAVEMENT
434	855.80	3853172.16	1497758.26	EDGE OF PAVEMENT
435	855.74	3853169.11	1497759.19	EDGE OF PAVEMENT
436	855.66	3853167.24	1497761.78	EDGE OF PAVEMENT
437	855.37	3853165.26	1497767.19	EDGE OF PAVEMENT
438	854.64	3853164.77	1497781.69	EDGE OF PAVEMENT
439	854.86	3853174.20	1497792.71	EDGE OF PAVEMENT
440	851.95	3853092.71	1497771.38	EDGE OF PAVEMENT
441	851.38	3853083.38	1497763.00	EDGE OF PAVEMENT
442	851.12	3853083.69	1497750.45	EDGE OF PAVEMENT
443	850.78	3853092.00	1497725.11	EDGE OF PAVEMENT
444	850.85	3853093.03	1497698.46	EDGE OF PAVEMENT
445	851.07	3853089.99	1497678.31	EDGE OF PAVEMENT
446	851.83	3853085.82	1497658.37	EDGE OF PAVEMENT
447	853.25	3853104.10	1497628.30	EDGE OF PAVEMENT
448	854.04	3853123.12	1497631.19	EDGE OF PAVEMENT
449	854.82	3853134.45	1497646.74	EDGE OF PAVEMENT

Point Table				
Point #	Elevation	Northing	Easting	Description
450	855.72	3853143.10	1497696.14	EDGE OF PAVEMENT
451	855.33	3853145.63	1497746.22	EDGE OF PAVEMENT
452	854.37	3853135.15	1497768.68	EDGE OF PAVEMENT
453	853.00	3853111.34	1497775.59	EDGE OF PAVEMENT
454	854.73	3853174.60	1497819.91	EDGE OF PAVEMENT
455	855.13	3853205.19	1497825.48	EDGE OF PAVEMENT
456	855.88	3853269.18	1497825.48	EDGE OF PAVEMENT
457	856.01	3853313.33	1497825.49	EDGE OF PAVEMENT
458	857.20	3853318.79	1497781.67	EDGE OF PAVEMENT
459	857.48	3853327.05	1497766.02	EDGE OF PAVEMENT
460	857.74	3853343.60	1497759.76	EDGE OF PAVEMENT
461	859.17	3853415.08	1497759.76	EDGE OF PAVEMENT
462	859.92	3853415.09	1497707.79	EDGE OF PAVEMENT
463	860.23	3853410.41	1497689.11	EDGE OF PAVEMENT
464	860.24	3853396.93	1497673.00	EDGE OF PAVEMENT
465	860.07	3853365.45	1497664.38	EDGE OF PAVEMENT
466	860.00	3853276.24	1497673.71	EDGE OF PAVEMENT
467	859.50	3853279.31	1497709.58	EDGE OF PAVEMENT
468	857.64	3853281.50	1497771.44	EDGE OF PAVEMENT
469	856.84	3853271.71	1497792.50	EDGE OF PAVEMENT
470	856.04	3853250.29	1497801.48	EDGE OF PAVEMENT
471	855.38	3853207.46	1497801.48	EDGE OF PAVEMENT
472	856.70	3853351.90	1497833.78	EDGE OF GRAVEL
473	859.38	3853490.86	1497900.82	EDGE OF GRAVEL
474	860.98	3853518.65	1497900.02	EDGE OF GRAVEL
475	856.75	3853346.41	1497817.71	EDGE OF GRAVEL
476	857.46	3853355.08	1497799.77	EDGE OF GRAVEL
477	859.17	3853415.08	1497799.77	EDGE OF GRAVEL
478	860.00	3853247.34	1497702.88	ADMIN BUILDING
479	860.00	3853243.97	1497670.81	ADMIN BUILDING
480	860.00	3853258.87	1497669.24	ADMIN BUILDING
481	860.00	3853256.57	1497647.32	ADMIN BUILDING
482	860.00	3853337.80	1497638.81	ADMIN BUILDING
483	860.00	3853340.72	1497666.95	ADMIN BUILDING
484	860.00	3853278.96	1497699.57	ADMIN BUILDING
485	853.57	3853196.01	1497567.52	CONCRETE PATH
486	853.67	3853200.56	1497574.10	CONCRETE PATH
487	854.81	3853176.94	1497591.04	CONCRETE PATH
488	854.91	3853184.35	1497594.06	CONCRETE PATH
489	856.07	3853173.63	1497621.15	CONCRETE PATH
490	856.15	3853181.48	1497619.61	CONCRETE PATH
491	856.96	3853188.43	1497650.07	CONCRETE PATH
492	857.43	3853192.72	1497674.57	CONCRETE PATH
493	857.63	3853205.87	1497687.66	CONCRETE PATH
494	859.85	3853235.36	1497684.57	CONCRETE PATH
495	859.85	3853235.99	1497690.54	CONCRETE PATH
496	857.62	3853206.40	1497693.64	CONCRETE PATH
497	857.43	3853196.45	1497708.48	CONCRETE PATH
498	857.18	3853197.59	1497733.69	CONCRETE PATH
499	856.93	3853197.34	1497758.92	CONCRETE PATH

95% DESIGN

SCALE:
DRAWN BY: **BL**
PROJ. MGR.: **DRP**
ENGINEER:
DATE: **7/1/25**

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

DOT/PP Z800330000; DMVA ###

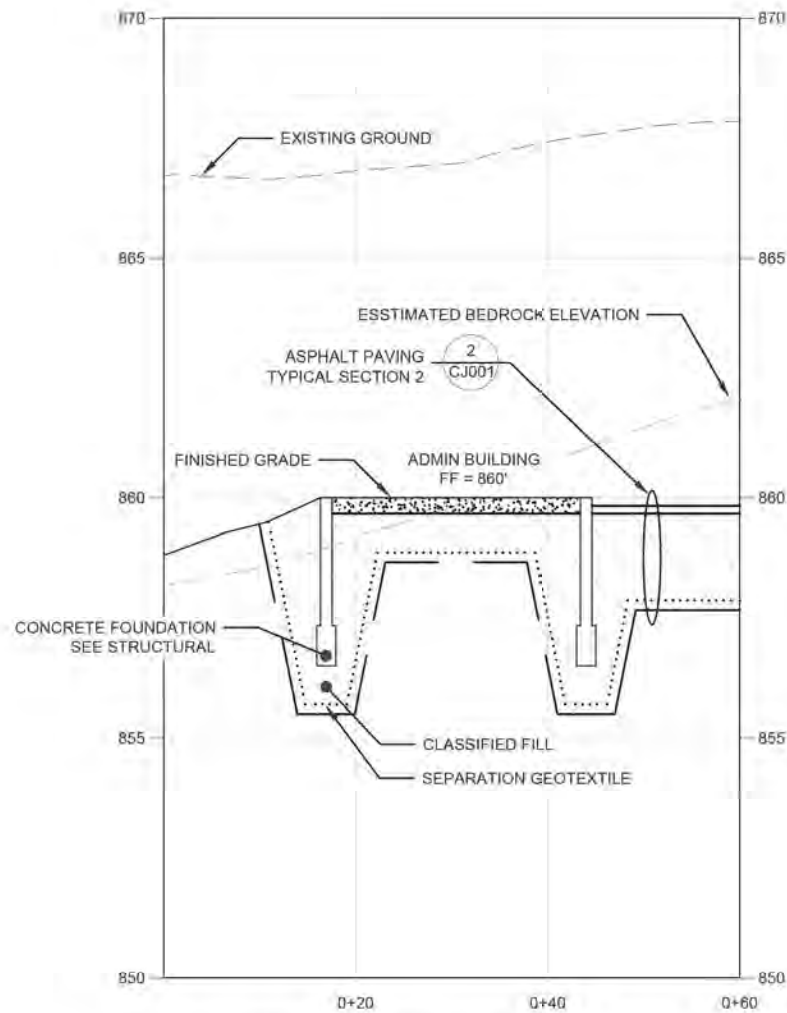
GRADING POINTS 2

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES

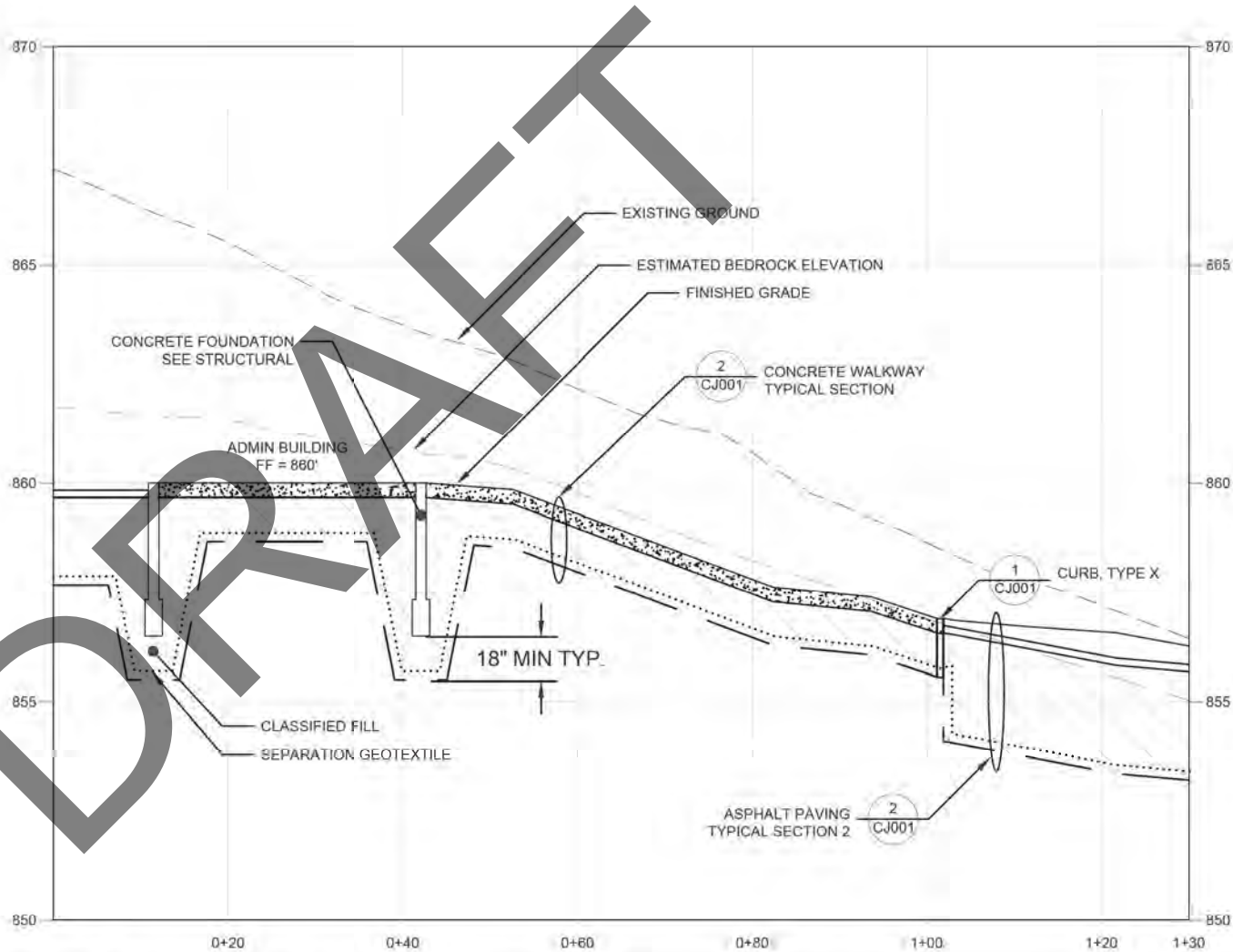
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DRAWINGS PREPARED BY:
R&M CONSULTANTS, INC.
1615 VANNUYER DRIVE



1 ADMIN BUILDING AND MAINTENANCE YARD
1:10 HORIZONTAL 1:2 VERTICAL



2 ADMIN BUILDING AND PARKING LOT
1:10 HORIZONTAL 1:2 VERTICAL

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IFP 28003-30000, DMVA ##

1 SITE SECTIONS 1

SCALE:
DRAWN BY: BL
PROJ MGR: DRP
DATE: 7/1/25

SHEET NO:
CG 010
16 of 130

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

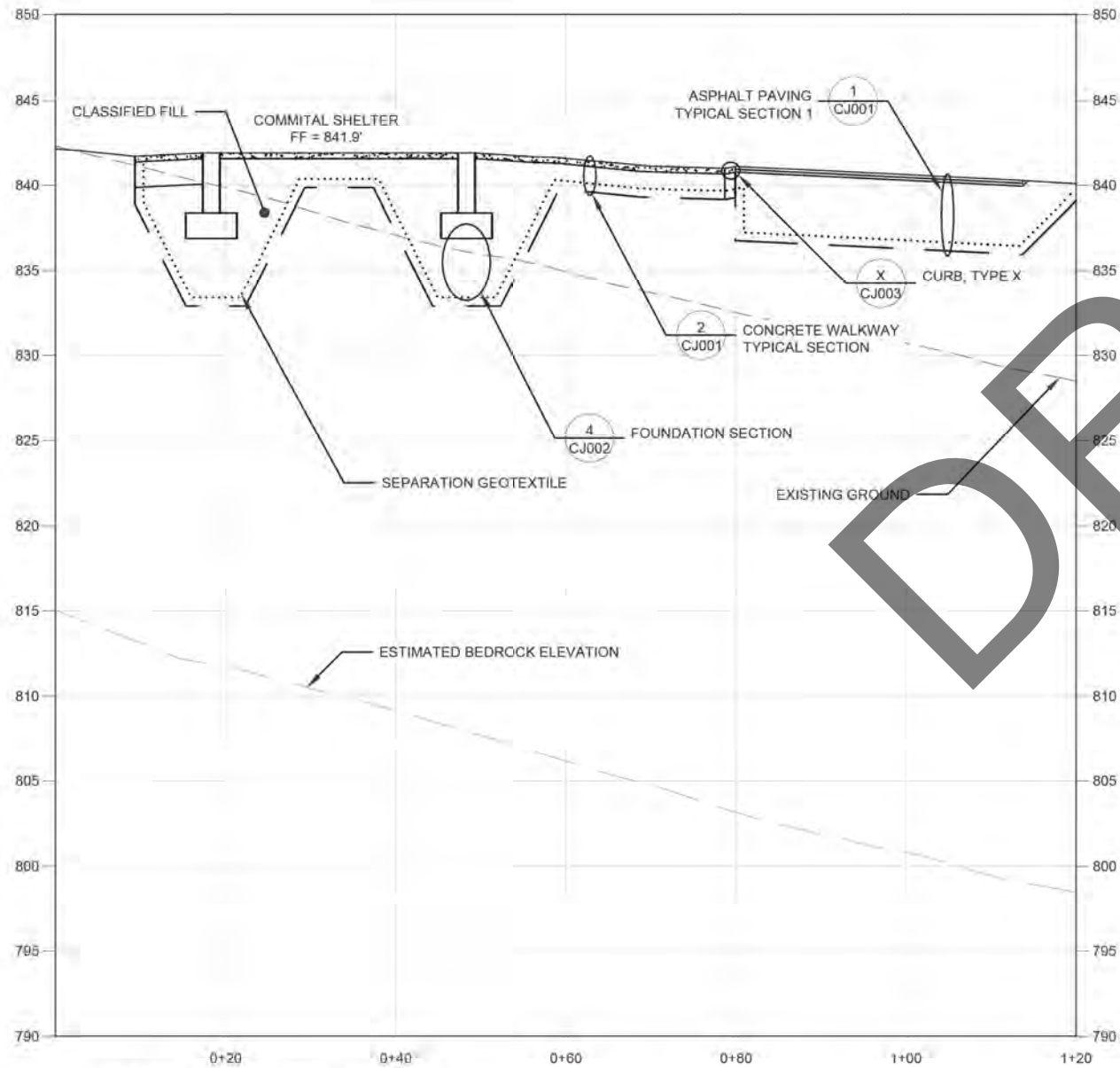


DRAWINGS PREPARED FOR:
R&M CONSULTANTS INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

DATE	NOTE

CONSTRUCTION
DOCUMENT

Plotted 7/1/2025 9:25 AM by Branson Lee Z:\project\1869.03 Dot_sw Drive Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - BUILDING CUT SECTIONS.dwg



3 COMMITAL SHELTER
1:10 HORIZONTAL 1:5 VERTICAL

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IF 2800330000; DMVA ###

1 SITE SECTIONS 2

SCALE:
DRAWN BY: BL
PROJ MGR: DRP
DATE: 7/1/25

SHEET NO:
CG 011

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DEPARTMENT OF TRANSPORTATION AND
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FACILITIES

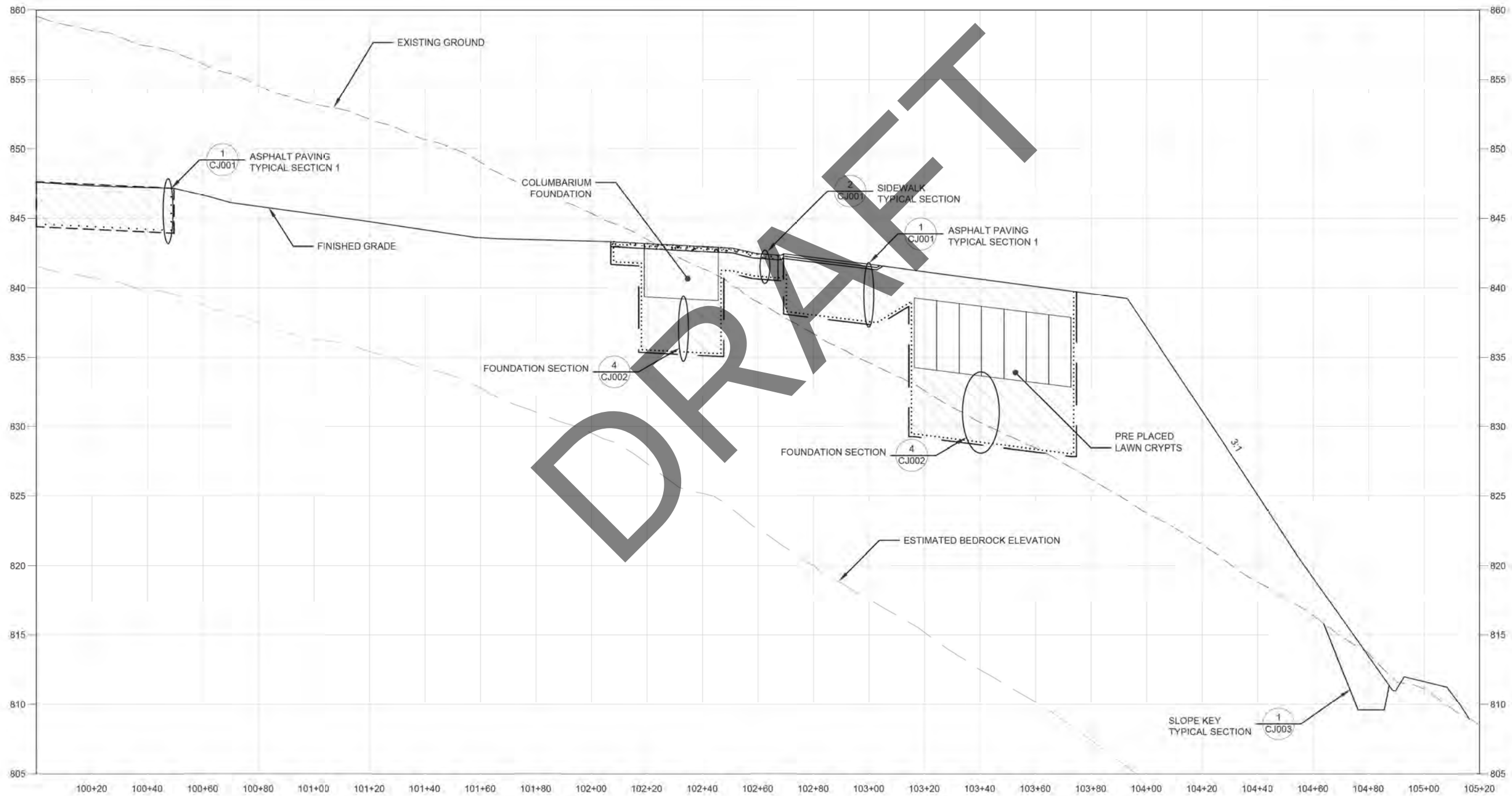
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VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

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R&M CONSULTANTS INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

DATE	NOTE

CONSTRUCTION
DOCUMENT

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4 COLUMBARIUM AND PPC AREA
1:20 HORIZONTAL 1:4 VERTICAL

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PPF 2800330000; DMVA ###

1 SITE SECTIONS 3

SCALE:	BL
DRAWN BY:	DRP
PROJ. MGR.:	
DATE:	7/1/25
SHEET NO:	CG 012
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FACILITIES

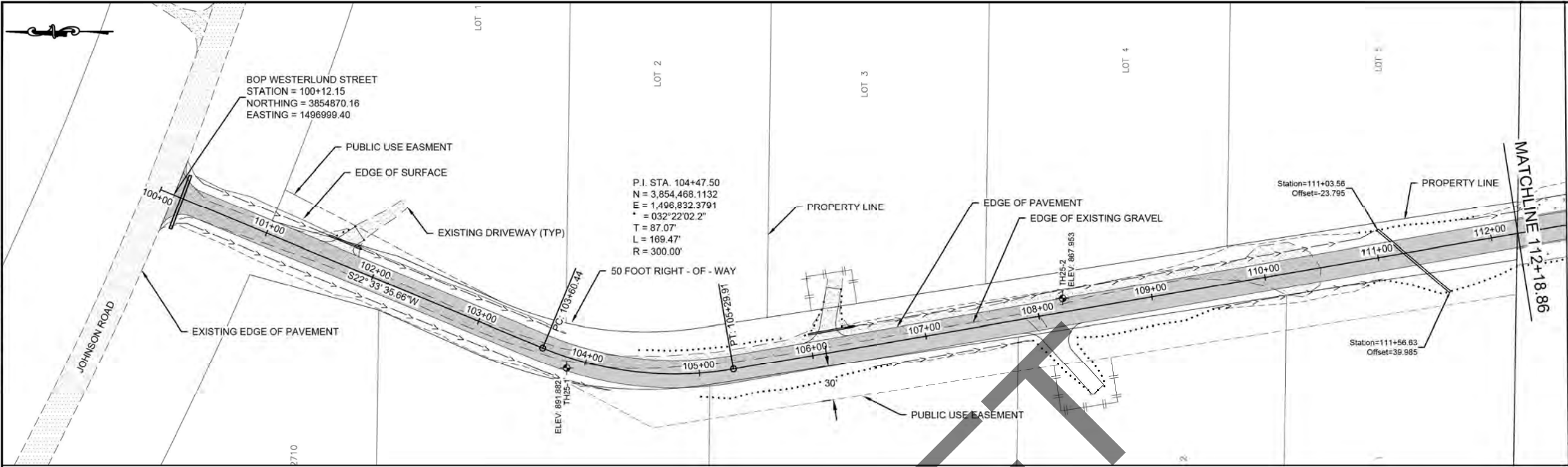
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VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

DRAWINGS PREPARED BY:
R&M CONSULTANTS INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

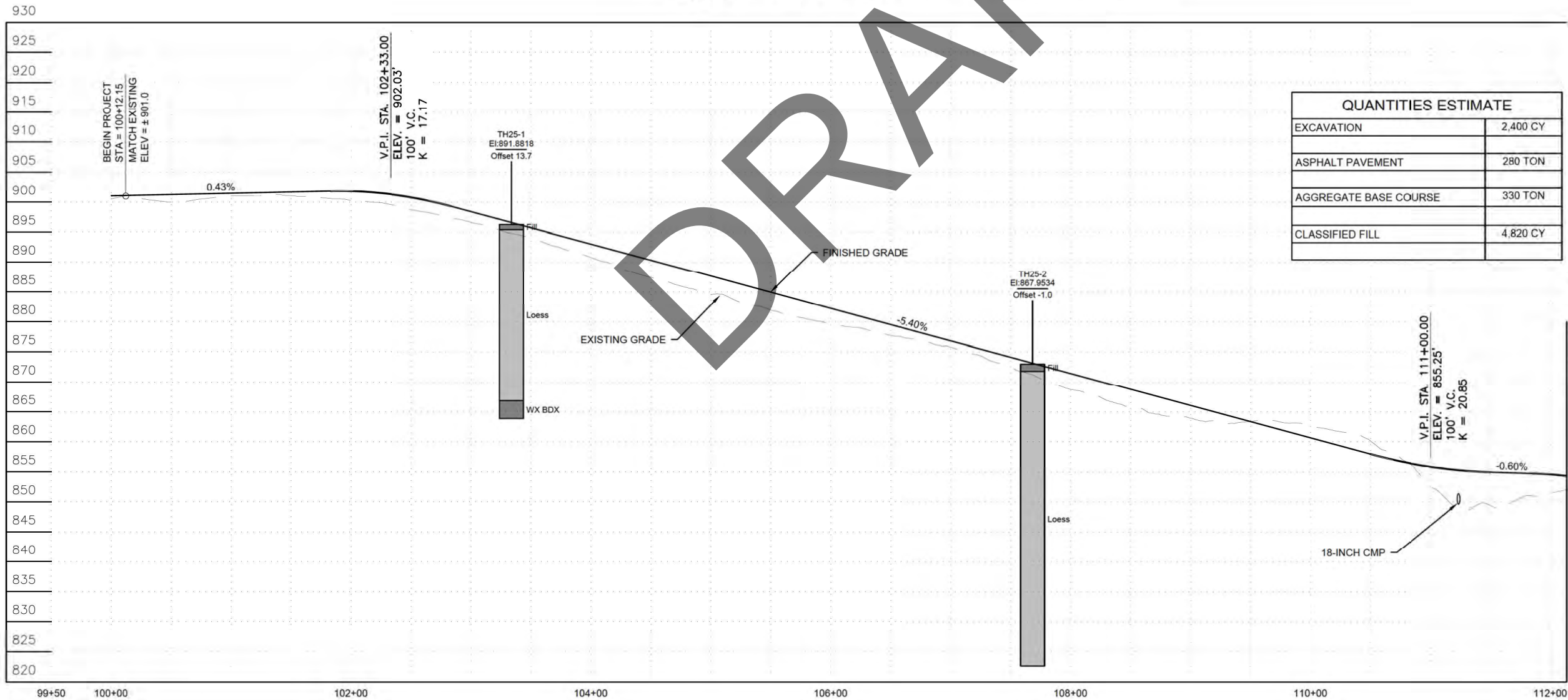
DATE	NOTE

CONSTRUCTION
DOCUMENT

Plotted 7/1/2025 9:26 AM by Branson Lee Z:\project\1869.03 Dot_sw Drwa Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - CP 1.0 ROAD P&P.dwg



1 WESTERLUND STREET PLAN & PROFILE
HORIZONTAL 1" = 50' VERTICAL 1" = 10'



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)
DOT/PP Z800330000; DMVA ###
SHEET NO: CP 001
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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1115 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

DATE	NOTE

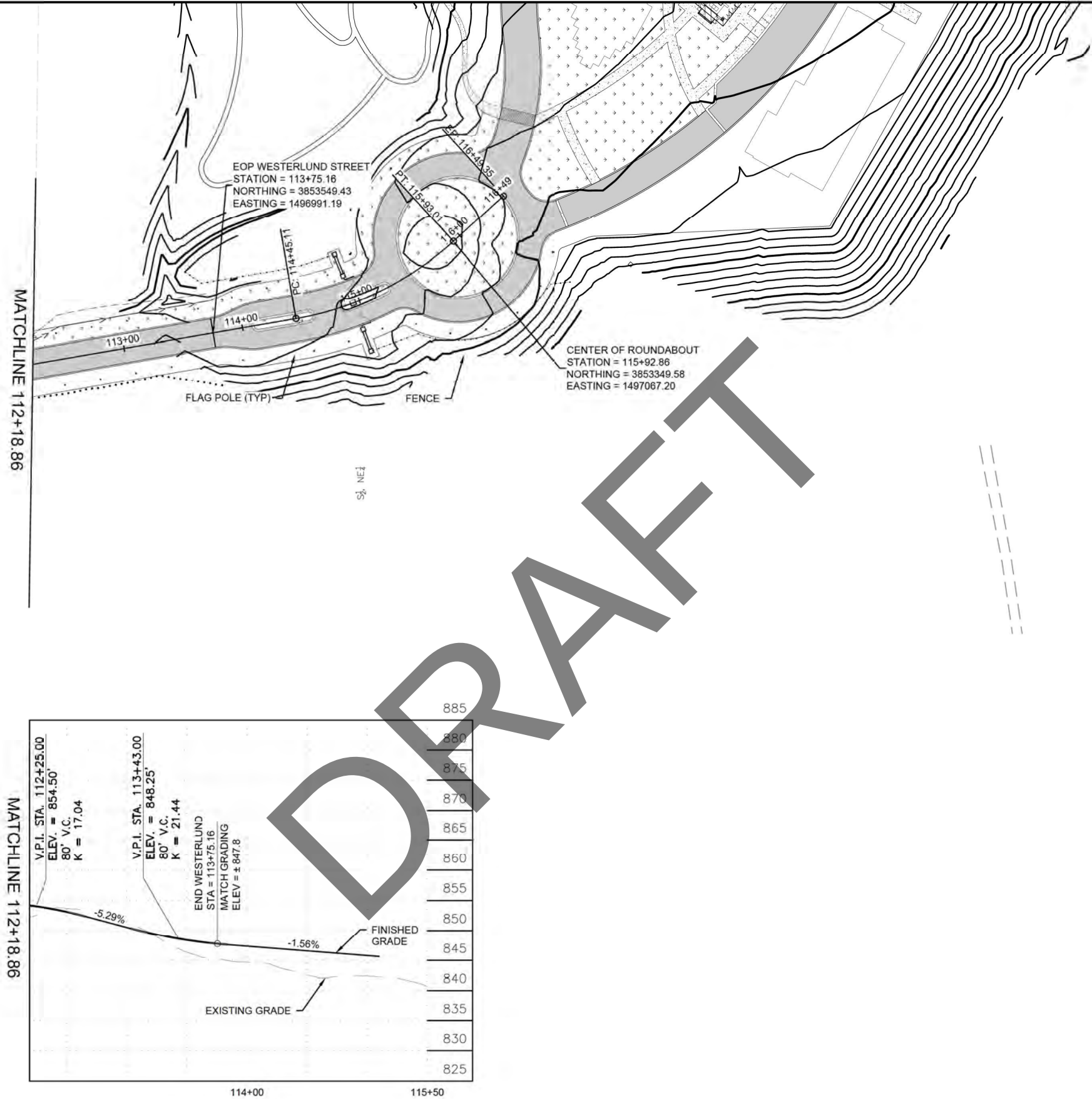
CONSTRUCTION DOCUMENT

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1

CEMETERY ENTRANCE ROADWAY PLAN & PROFILE

HORIZONTAL 1" = 50' VERTICAL 1" = 10'



95% DESIGN

SCALE:	BL
DRAWN BY:	DRP
PROJ. MGR.:	
ENGINEER:	
DATE:	7/1/25
SHEET NO:	
CP 002	
20 of 130	

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

DOT/PP Z800330000; DMVA ###

CEMETERY ENTRANCE ROADWAY PLAN & PROFILE



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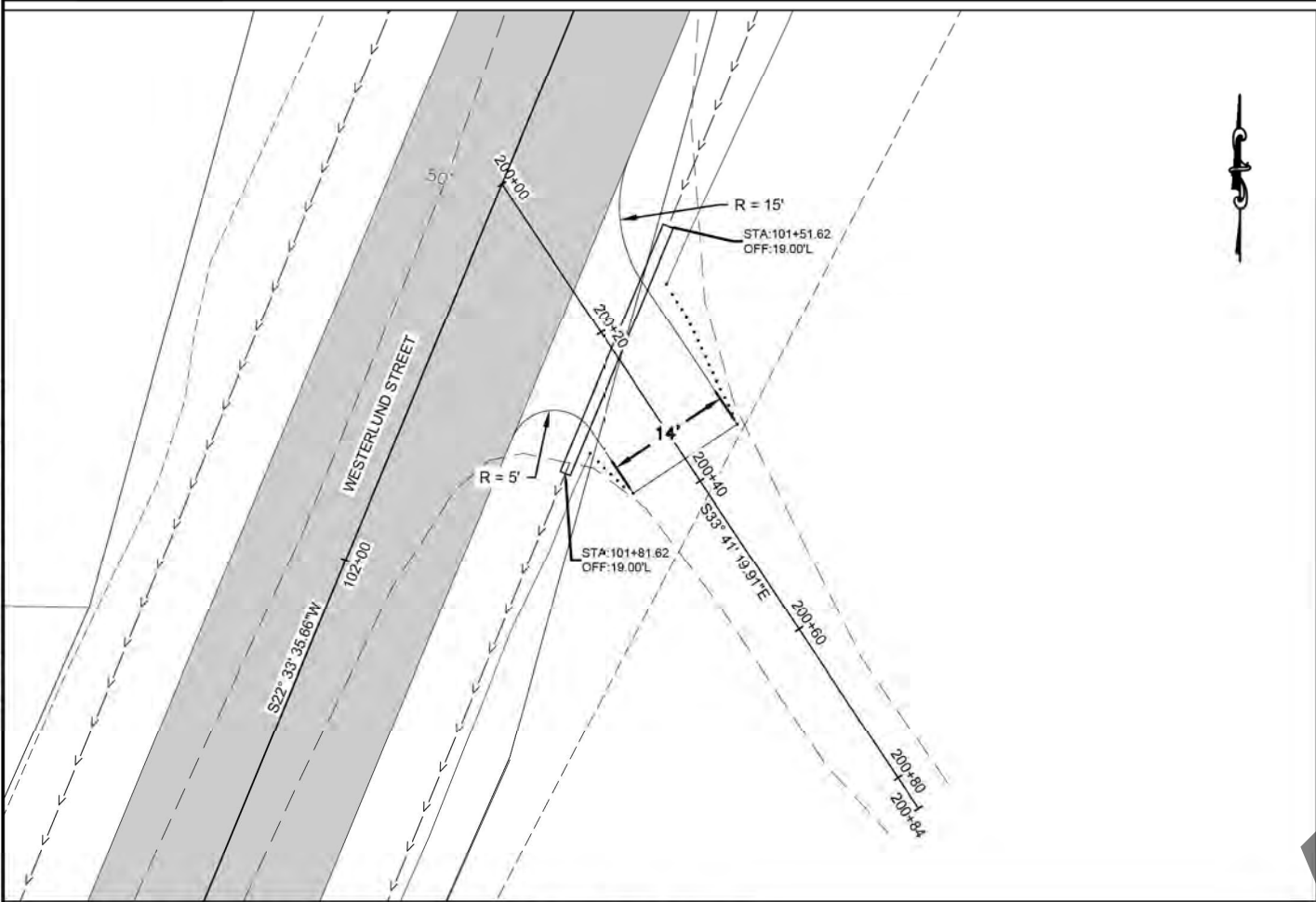
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1101 W. WILSON ROAD
ANCHORAGE, AK 99507

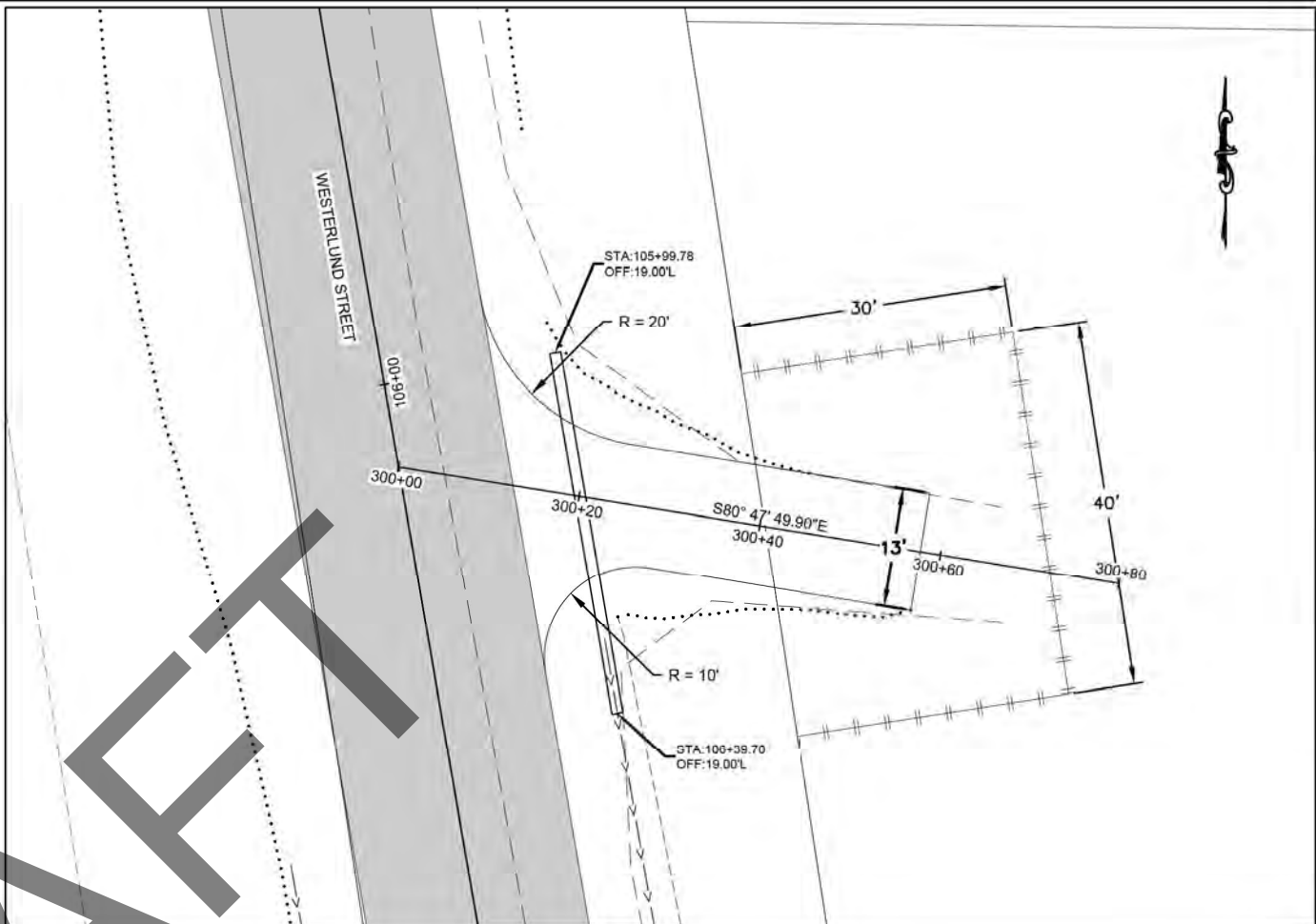
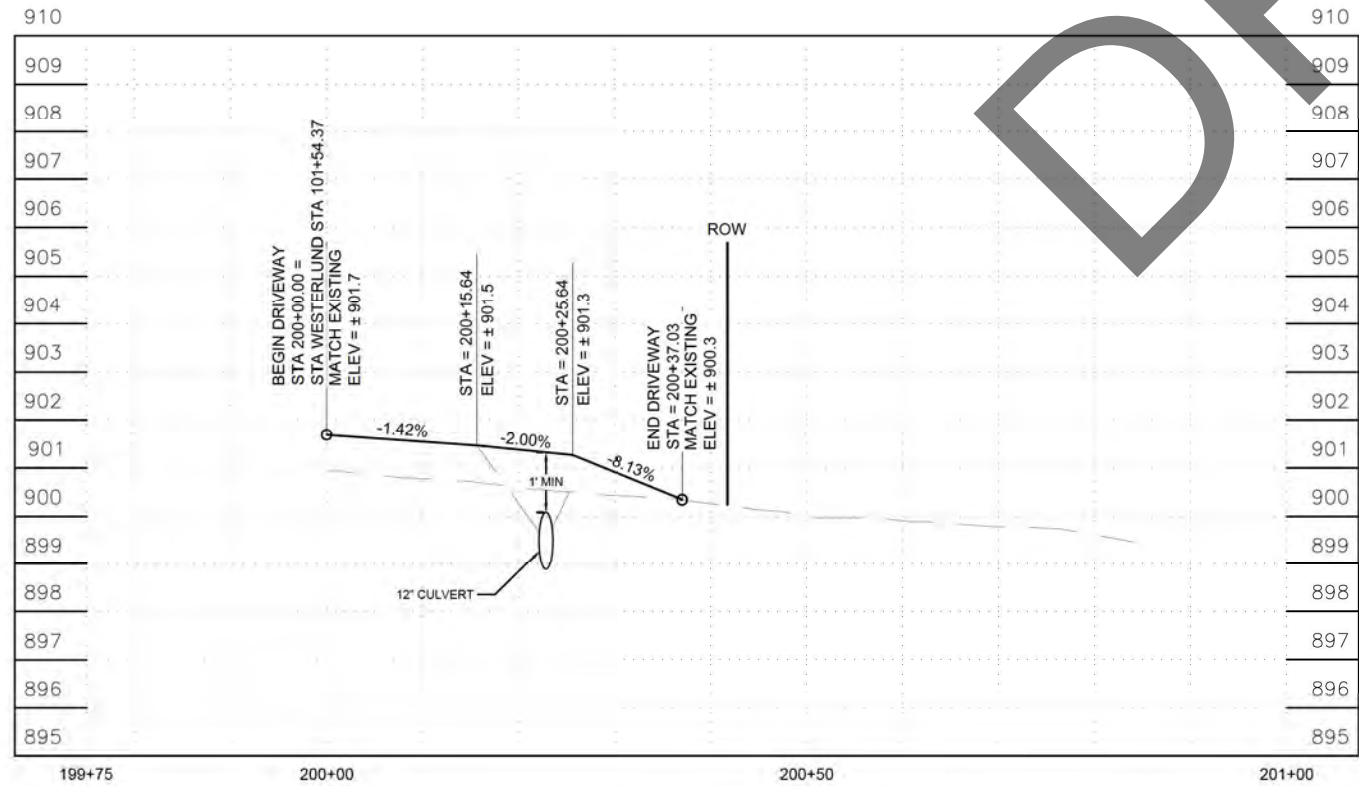
DATE	NOTE

CONSTRUCTION DOCUMENT

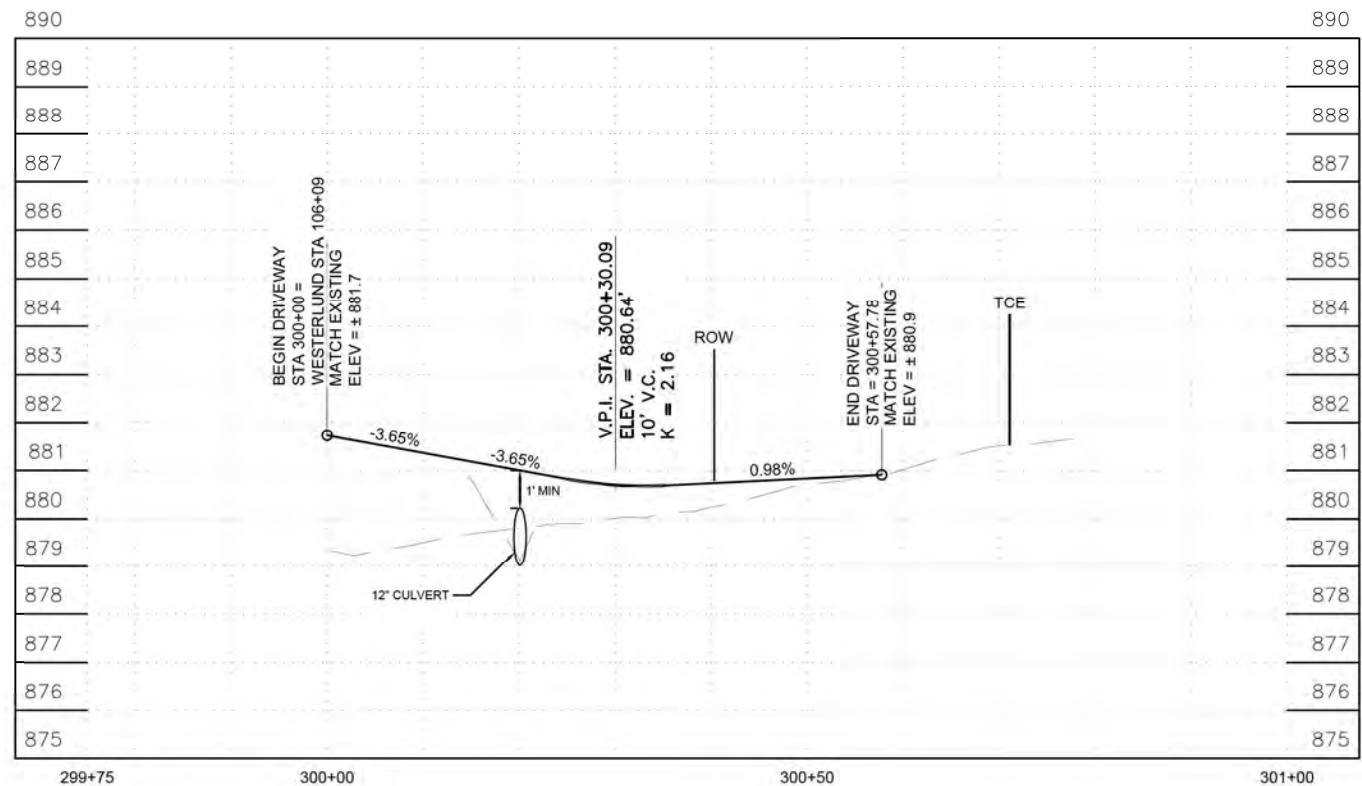
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1 PRIVATE DRIVEWAY 1 PLAN AND PROFILE
HORIZONTAL 1" = 20' VERTICAL 1" = 10'



2 PRIVATE DRIVEWAY 2 PLAN AND PROFILE
HORIZONTAL 1" = 20' VERTICAL 1" = 10'



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)
DOT/PP Z800330000; DMVA ###
WESTERLUND ST - PRIVATE DRIVEWAYS 1

SCALE: 1" = 10'
DRAWN BY: BL
PROJ. MGR.: DRP
ENGINEER:
DATE: 7/1/25

SHEET NO: CP 003
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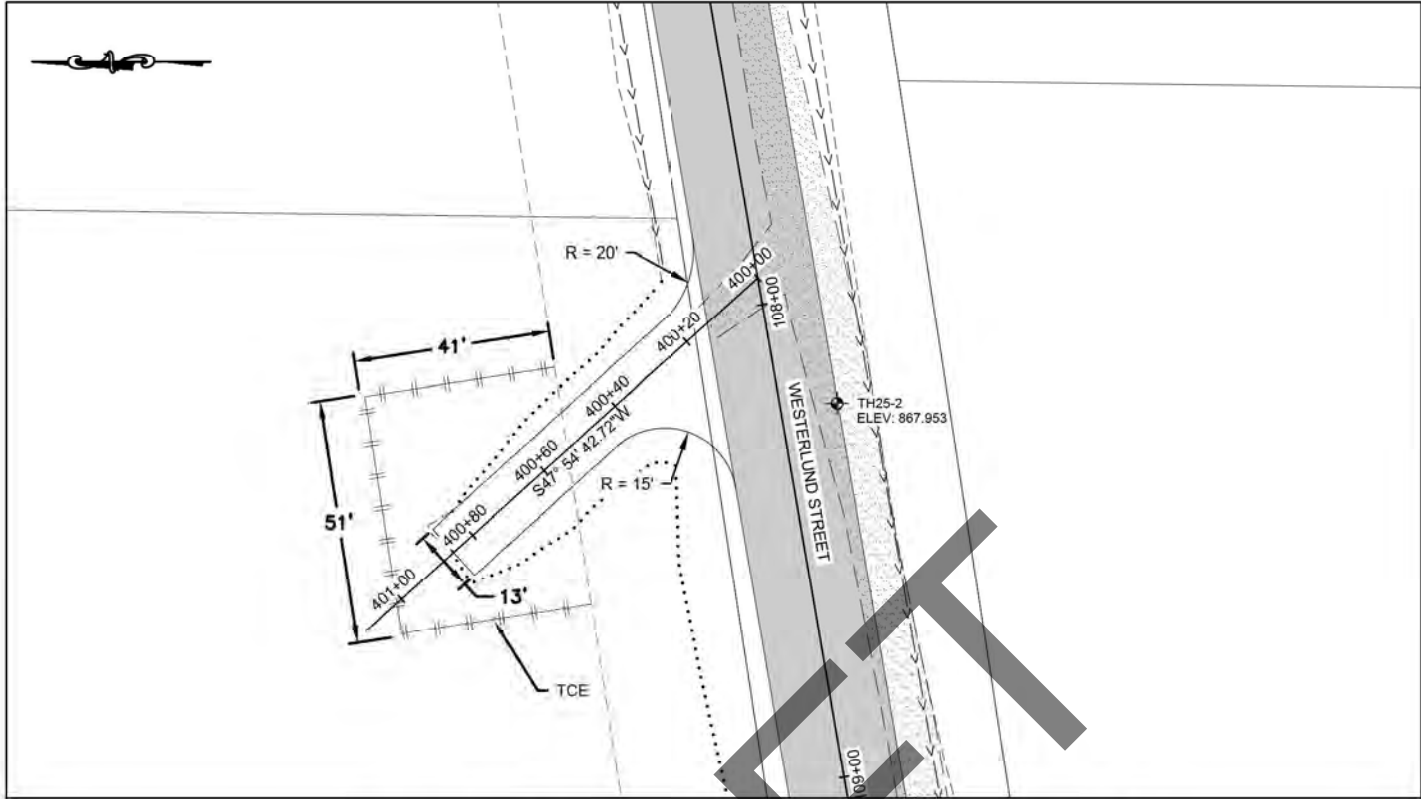


DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

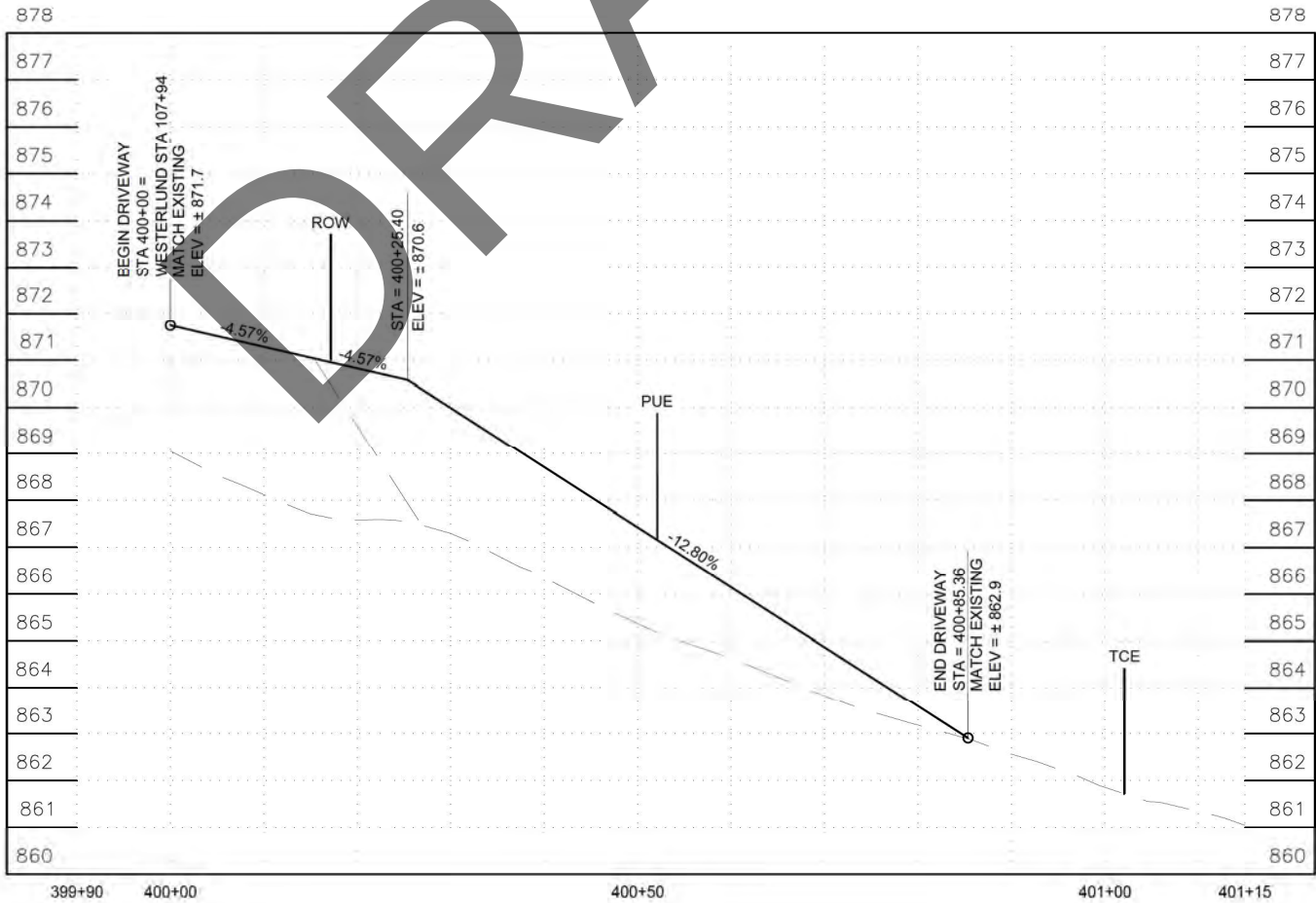
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1115 VANNUSS DRIVE
ANCHORAGE, AK 99501

DATE	NOTE

CONSTRUCTION DOCUMENT



3 PRIVATE DRIVEWAY 3 PLAN AND PROFILE
HORIZONTAL 1" = 20' VERTICAL 1" = 10'



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PP Z800330000; DMVA ###
WESTERLUND ST - PRIVATE
DRIVEWAYS 2

SCALE: 1" = 10'
DRAWN BY: BL
PROJ. MGR.: DRP
ENGINEER:
DATE: 7/1/25

SHEET NO:
CP 004

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DEPARTMENT OF TRANSPORTATION AND
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FACILITIES
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1115 VANNUARD DRIVE
ANCHORAGE, AK 99501

DATE	NOTE

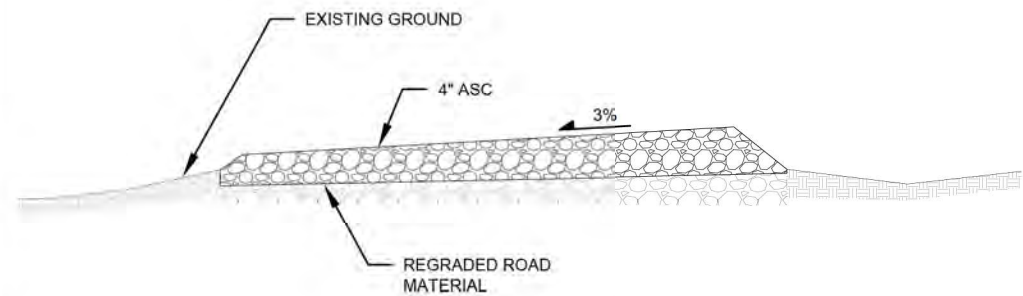
CONSTRUCTION
DOCUMENT

Z:\project\1869.03 Dot_sw Drwa Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - CP 2.0 DeHalden Rd.dwg

Plotted 7/1/2025 9:26 AM by Branson Lee

1 DEHALDEN ROAD - PLAN

1" = 50'



2 DEHALDEN ROAD - FINISHED CROSS SECTION

NTS

QUANTITIES ESTIMATE	
GRADING DISTANCE	1170 LF
AGGREGATE SURFACE COURSE	380 TON

SCOPE OF WORK

- REGRADE EXISTING ROADWAY; WIDTH VARIES FROM 10 TO 20 LF
- PLACE AND COMPACT AGGREGATE SURFACE COURSE GRADING E-1
- ENSURE THE FINISHED SURFACE'S CROSS SLOPE IS SLOPED TOWARDS LOWER SIDE; THIS IS GENERALLY WEST TO EAST

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)	
DOT/PP Z800330000; DMVA ###	
DEHALDEN ROAD IMPROVEMENTS	
SCALE:	DL
DRAWN BY:	DRP
PROJ. MGR.:	
ENGINEER:	
DATE:	7/1/25
SHEET NO:	
CP 005	
23 of 130	



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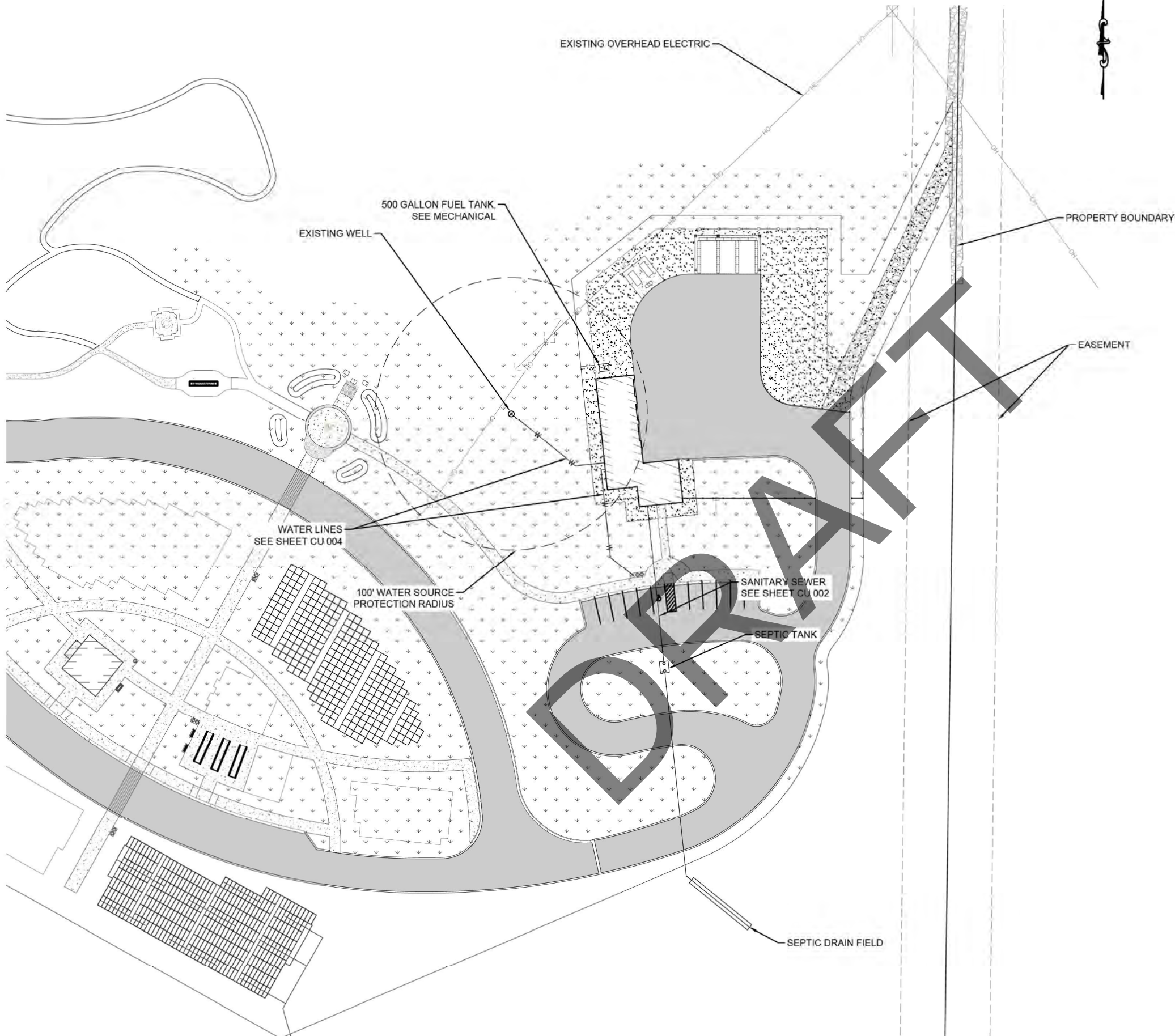
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R&M CONSULTANTS, INC.
1015 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

DATE	NOTE

CONSTRUCTION DOCUMENT

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UTILITIES SCOPE OF WORK

1. INSTALL SEPTIC SYSTEM ACCORDING TO PLANSET
2. INSTALL WATER SYSTEM ACCORDING TO PLANSET
3. SEE ELECTRICAL SHEETS FOR ELECTRIC UTILITIES

1

UTILITIES GENERAL SITE PLAN

1" = 60'

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)	
DOT/PP Z800330000; DMVA ###	UTILITIES SITE PLAN & SCOPE OF WORK
SCALE:	BL
DRAWN BY:	DRP
PROJ. MGR:	DRP
ENGINEER:	
DATE:	7/1/25
SHEET NO:	
CU 001	
24 of 130	



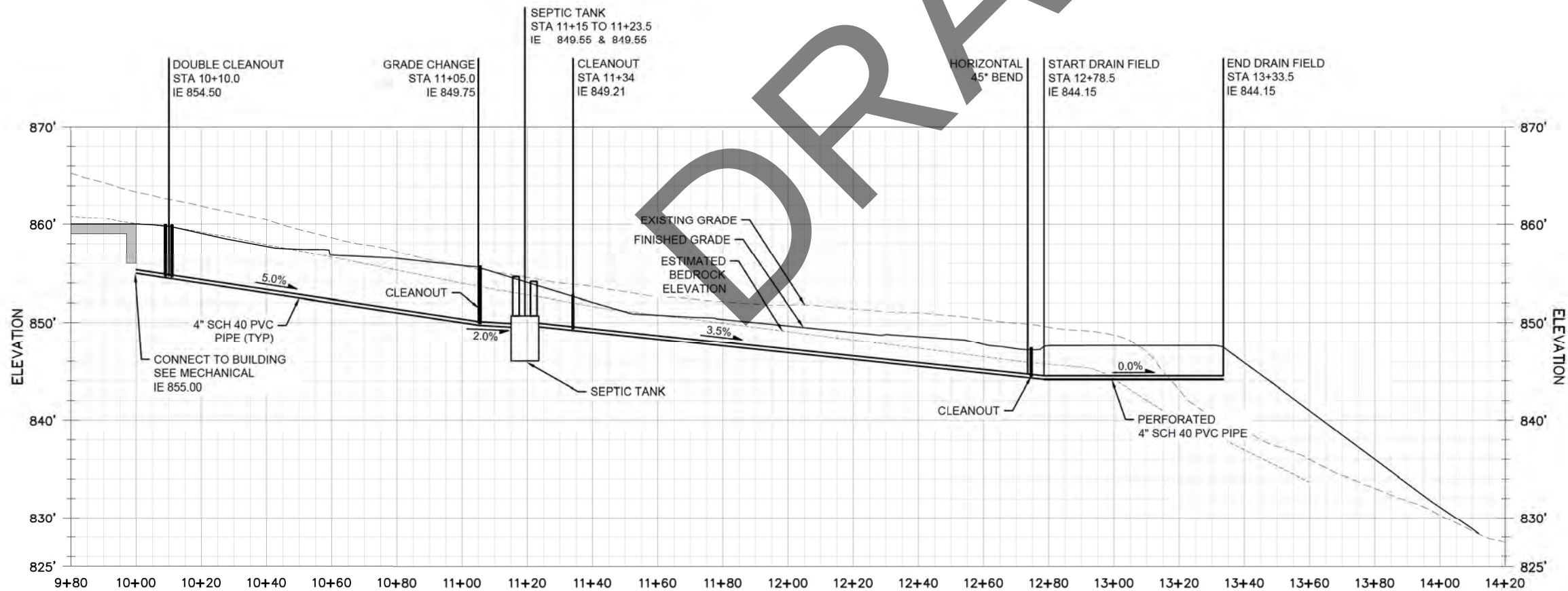
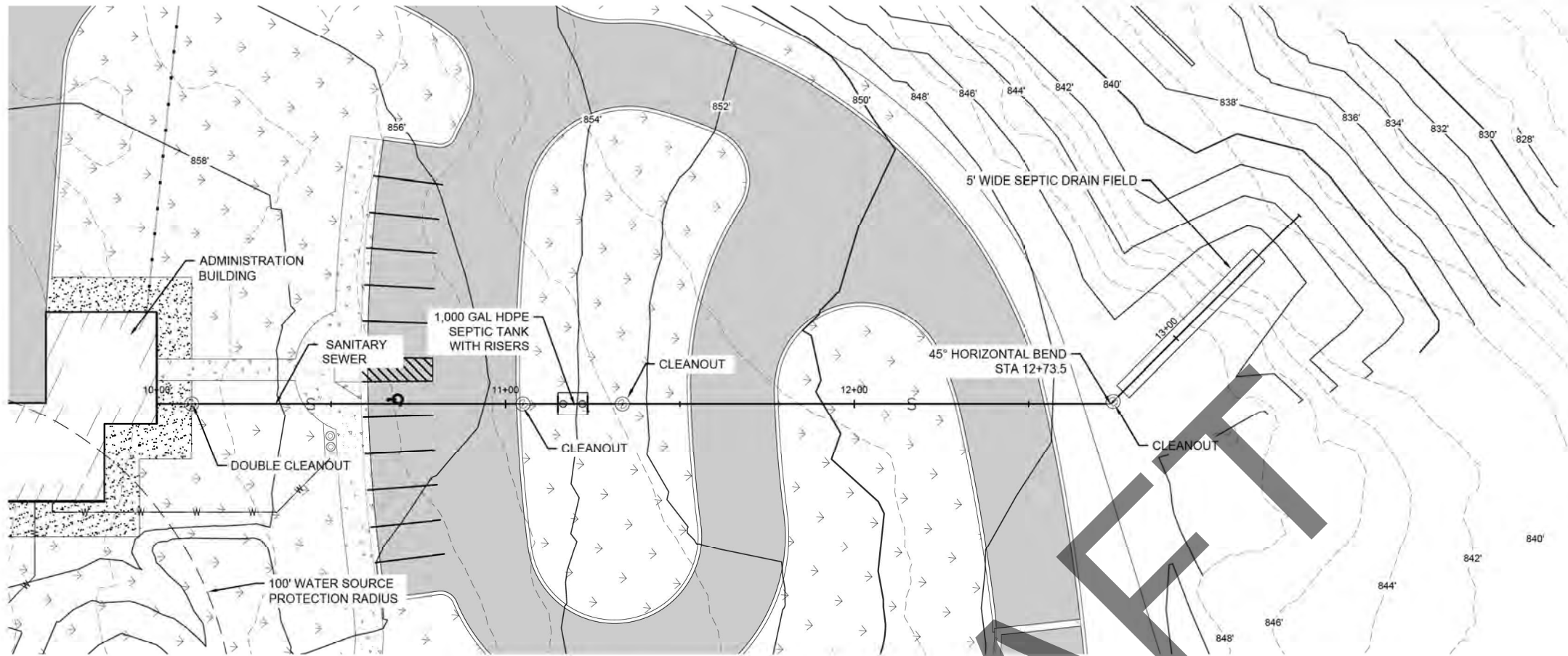
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1115 VANNUZZI DRIVE
ANCHORAGE, AK 99507

DATE	NOTE

CONSTRUCTION DOCUMENT

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1 SEWER PLAN AND PROFILE
1" = 20'

SEWER SCOPE OF WORK

FOR SEWER SERVICES:

1. INSTALL DRAIN FIELD
2. INSTALL SEPTIC TANK AND CONNECT TO DRAIN FIELD
3. INSTALL SEWER MAIN ALONG ALIGNMENT SHOWN;
CONNECT TO SEPTIC TANK
4. CONNECT TO NEW BUILDING

DESIGN CRITERIA & CALCULATIONS

FLOW ASSUMPTIONS

FLOW PER EMPLOYEE	14.5 GPCD
NUMBER OF EMPLOYEES	4 PERSONS
FLOW PER VISITOR	5.3 GPCD
NUMBER OF VISITORS	12 PERSONS
DESIGN DAILY FLOW	122 GPD

SEPTIC TANK SIZE

VOLUME REQUIRED	1000 GAL (PER ADEC)
PREFAB TANK SIZE	58"D X 96"L

DRAIN FIELD SIZE

SOIL PERCOLATION RATE	43 MIN/IN (ASSUMED)
APPLICATION RATE	0.45 GPD/SF (PER ADEC)
DESIGN FLOW / APPLICATION RATE =	REQ ABSORPTION AREA
122 GPD / 0.45 GPD/SF =	270.2 SF
DESIGN TRENCH	5'W X 55'L
DESIGN ABSORPTION AREA	275 SF

ADDITIONAL NOTES:

1. ALL SEWER PIPE WILL BE PLACED ON A 2% TO 20% SLOPE
2. 1" OF INSULATION MAY BE SUBSTITUTED FOR 1' OF SOIL COVER (AND VICE VERSA) UP TO A MINIMUM 2' BURY
3. ALL PIPE WILL BE 4" SCH 40 PVC; THE PORTION OF PIPE IN THE DRAIN FIELD WILL BE PERFORATED 4" SCH 40 PVC
4. A MINIMUM 6' VERTICAL SEPARATION IS REQUIRED BETWEEN THE DRAIN FIELD PIPE AND BEDROCK. CONTRACTOR WILL TEST FOR BEDROCK AND, IF ENCOUNTERED, EXCAVATE TO 6" BELOW THE DRAIN FIELD PIPE AND BACKFILL WITH SUITABLE MATERIAL.

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PP Z800330000; DMVA ###

SEWER SCOPE & PLAN & PROFILE

SCALE:
DRAWN BY: BL
PROJ. MGR.: DRP
ENGINEER:
DATE: 7/1/25

SHEET NO:
CU 002
25 of 130

DEPARTMENT OF TRANSPORTATION AND
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FACILITIES

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1011 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

DATE	NOTE

CONSTRUCTION
DOCUMENT



WELL CASING
SEE WELL DETAIL

FINISHED GRADE

WELL CONNECTION
IE 850.00

EXISTING GRADE

45° HORIZONTAL BEND
IE 850.00

BUILDING CONNECTION
IE 850.00

ELEVATION

870'

860'

850'

844'

21+00

20+80

20+60

20+40

20+20

20+00

19+80

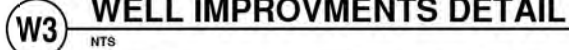
ESTIMATED BEDROCK ELEVATION

FOAM BOARD INSULATION

1-1/4" SCH 40 PVC PIPE

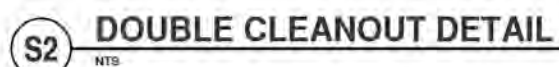
CONNECT TO BUILDING
SEE MECHANICAL DETAIL

W2



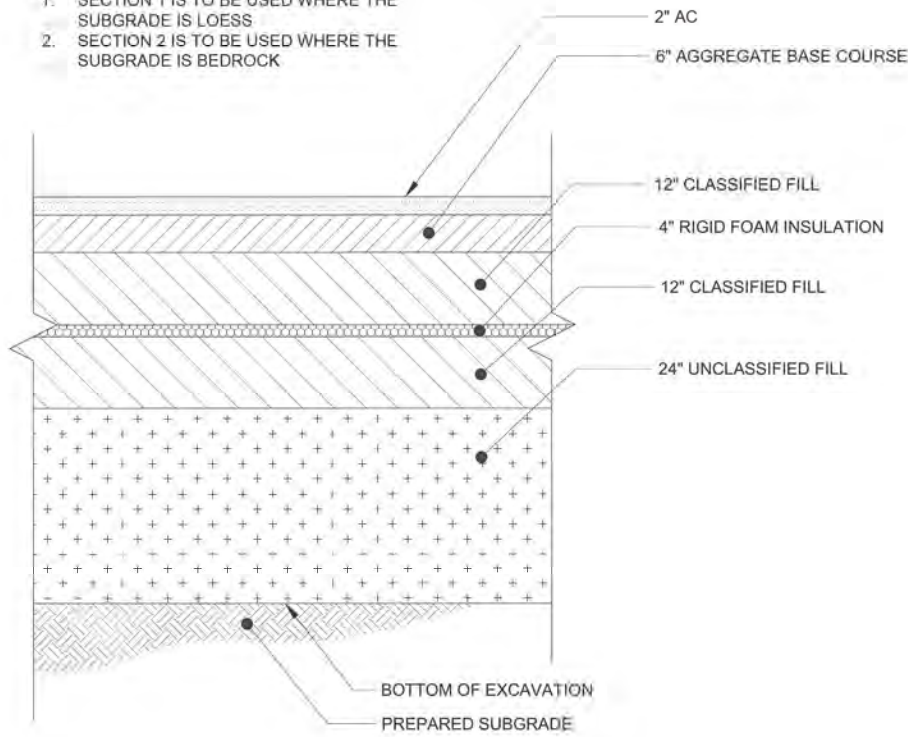
1. 1" OF INSULATION MAY BE SUBSTITUTED FOR 1' OF SOIL COVER (AND VICE VERSA) UP TO A MINIMUM 6' BURY
2. THE DEC 2024 WELL REPORT CAN BE OBTAINED FROM THE ENGINEER UPON REQUEST

SCALE:	--
DRAWN BY:	BL
PROJ. MGR:	DRP
ENGINEER:	
DATE:	7/1/25
SHEET NO:	
CU 003	
26 of 130	



Plotted 7/1/2025 9:25 AM by Branson Lee Z:\project\1869.03 Dot_sw Dmva Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - CJ 1.0 CIVIL DETAILS.dwg

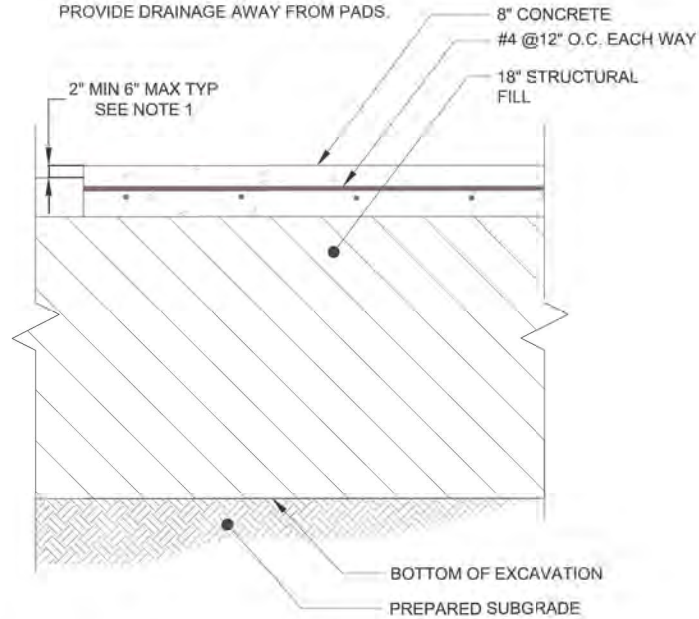
ASPHALT PAVING TYPICAL SECTION NOTE
1. SECTION 1 IS TO BE USED WHERE THE SUBGRADE IS LOESS
2. SECTION 2 IS TO BE USED WHERE THE SUBGRADE IS BEDROCK



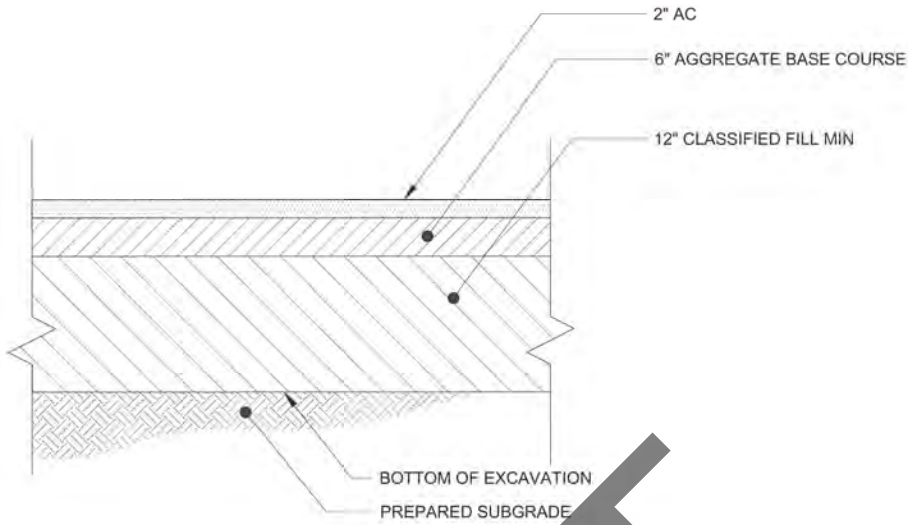
1 ASPHALT PAVING TYPICAL SECTION 1
CJ001 SCALE: NTS

CONCRETE PAD NOTE:

1. GRADE AS NECESSARY AROUND PERIMETER OF CONCRETE PADS TO PROVIDE DRAINAGE AWAY FROM PADS.



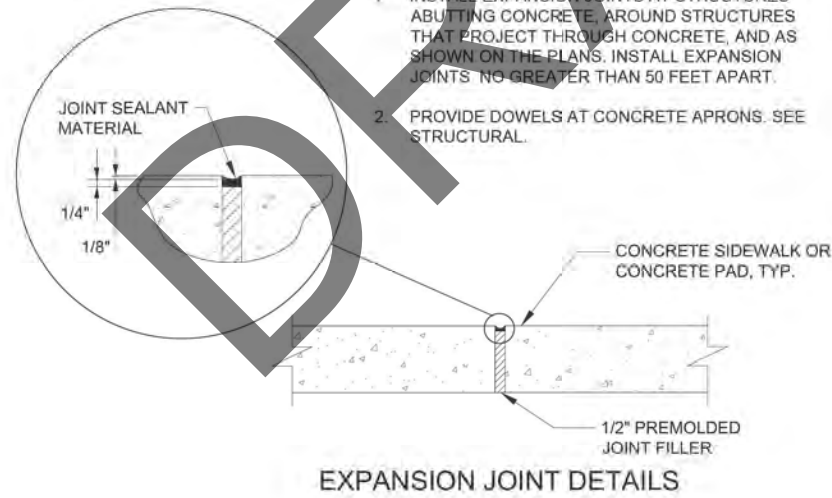
4 CONCRETE PAD TYPICAL SECTION
CJ001 SCALE: NTS



2 ASPHALT PAVING TYPICAL SECTION 2
CJ001 SCALE: NTS

EXPANSION JOINT NOTE:

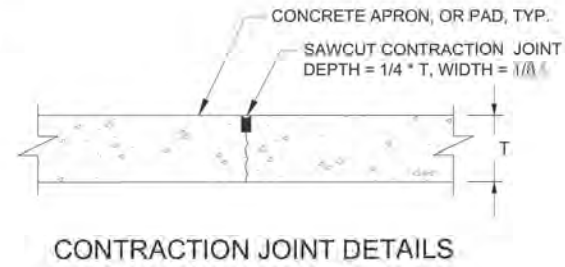
1. INSTALL EXPANSION JOINTS AT STRUCTURES ABUTTING CONCRETE, AROUND STRUCTURES THAT PROJECT THROUGH CONCRETE, AND AS SHOWN ON THE PLANS. INSTALL EXPANSION JOINTS NO GREATER THAN 50 FEET APART.
2. PROVIDE DOWELS AT CONCRETE APRONS. SEE STRUCTURAL.



5 CONCRETE JOINT DETAILS
CJ001 SCALE: NTS

CONTRACTION JOINT NOTE:

1. UNLESS OTHERWISE NOTED, CONTRACTION JOINTS SHALL OCCUR AT DISTANCES EQUAL TO THE WIDTH OF SIDEWALKS OR APRONS WITH EXPANSION JOINTS NO GREATER THAN 15 FEET APART.
2. PROVIDE DOWELS AT CONCRETE APRONS. SEE STRUCTURAL.



3 SIDEWALK TYPICAL SECTION
CJ001 SCALE: NTS

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IFP 28003-30000, DMVA ###

CIVIL DETAILS 1

SCALE:	1
DRAWN BY:	BL
PROJECT MGR:	DRP
ENGINEER:	
DATE:	7/1/25
SHEET NO:	CJ 001
28 of 130	

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ANCHORAGE, AK 99501

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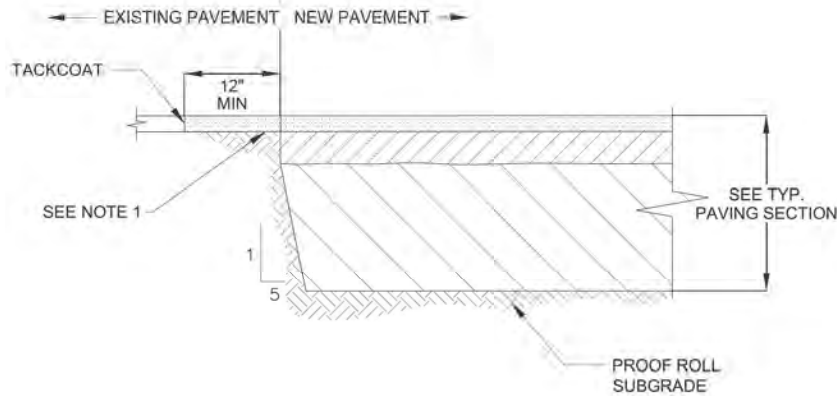
CONSTRUCTION
DOCUMENT

NOTE	
DATE	

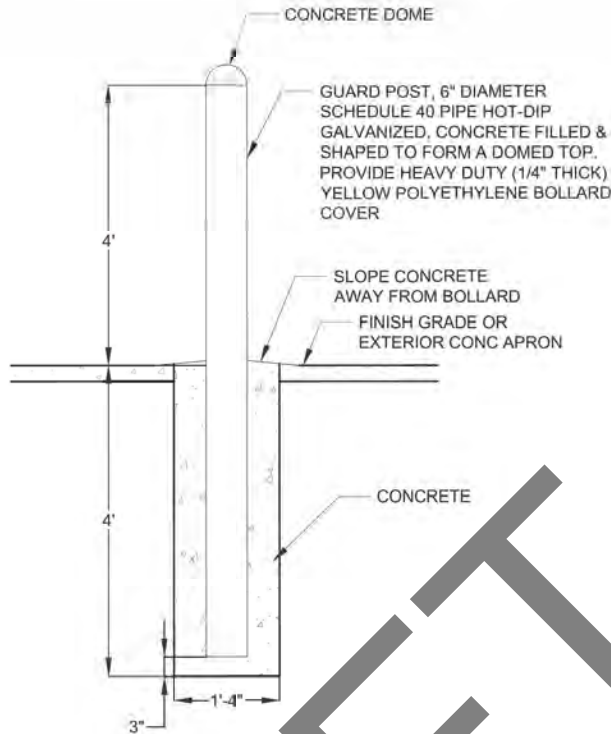
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PAVEMENT TIE IN NOTE:

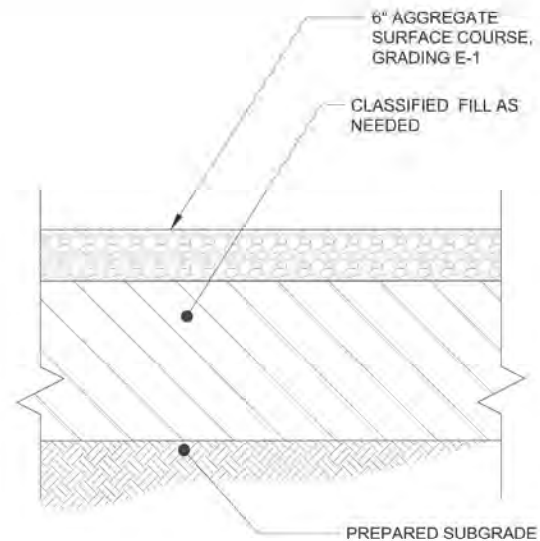
1. AFTER NEW PAVED AREA BASE & SUBGRADE HAVE BEEN BACK FILLED AND COMPACTED, REMOVE A MINIMUM OF 12" OF EXISTING PAVEMENT TO ENSURE PLACEMENT OF NEW PAVEMENT OVERLAPS UNDISTURBED MATERIAL. THE ENGINEER MAY REQUIRE MORE THAN A 12" ADDITIONAL CUT IF THE EXISTING PAVEMENT HAS BEEN LIFTED IN THE REMOVAL PROCESS OR IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL. CUTS SHALL BE MADE WITH A SAW. COMPACT TOP 6" OF EXISTING MATERIAL PRIOR TO PLACING PAVEMENT.



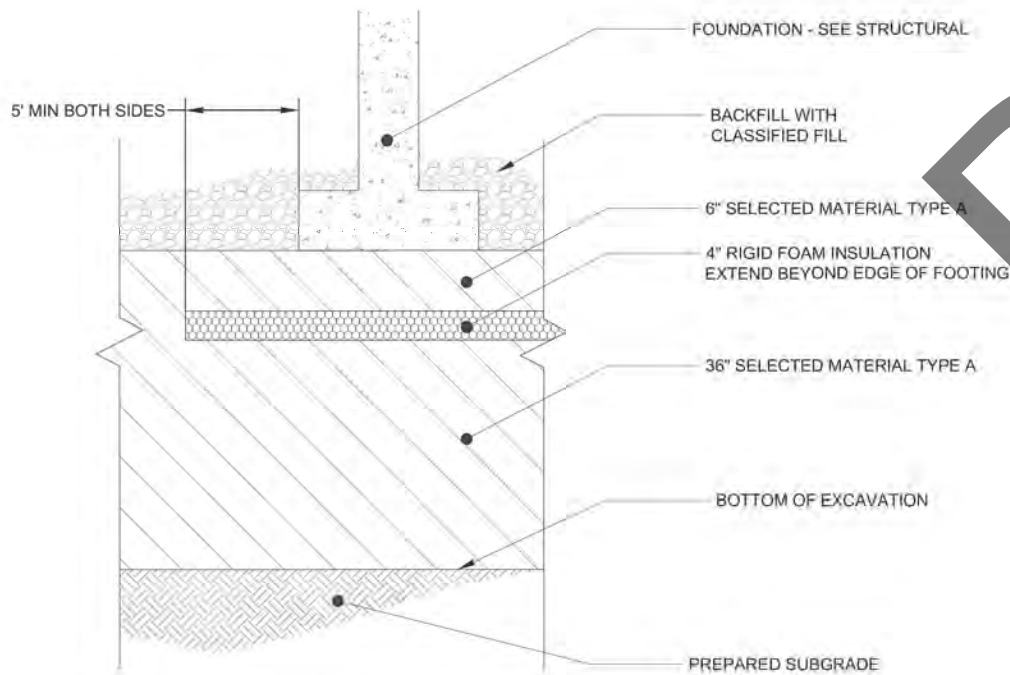
1 PAVEMENT TIE IN DETAIL
CJ002 SCALE: NTS



2 TYPICAL BOLLARD
CJ002 SCALE: NTS



3 GRAVEL WALKWAY TYPICAL SECTION
CJ002 SCALE: NTS

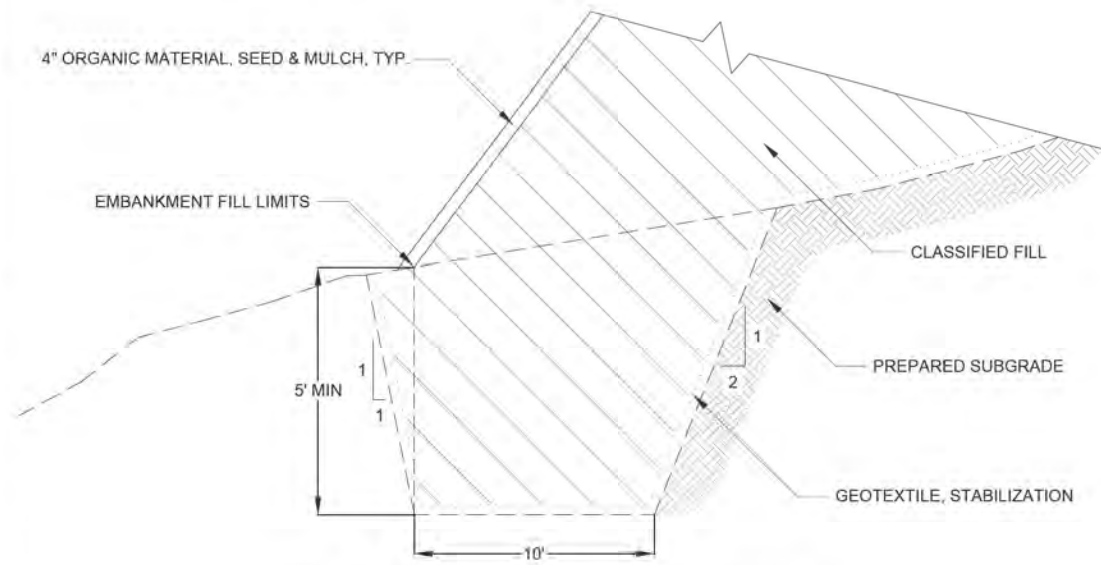


4 FOUNDATION SECTION
CJ002 SCALE: NTS

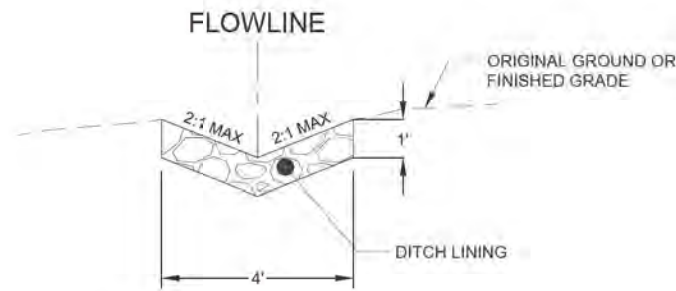
95% DESIGN	INTERIOR ALASKA VETERANS CEMETERY (IAVC) DOT/IFP Z8003-30000, DMVA ###	CIVIL DETAILS 2	SHEET NO: CJ 002	29 of 130	DATE: 7/1/25	ENGINEER: DRP	PROJECT MGR: BL	DRAWN BY: BL	SCALE:	CONSTRUCTION DOCUMENT	NOTE	DATE	DRAWING PREPARED BY: R&M CONSULTANTS, INC. 1511 UNIVERSITY DRIVE ANCHORAGE, AK 99507	DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES	DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE	

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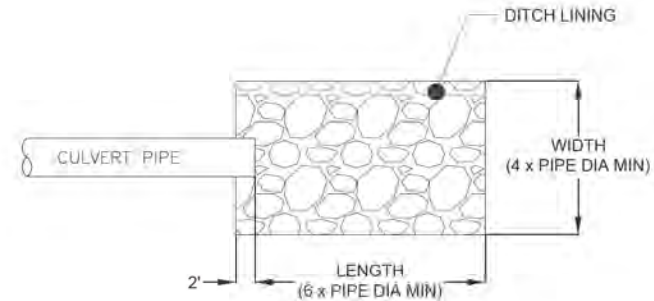
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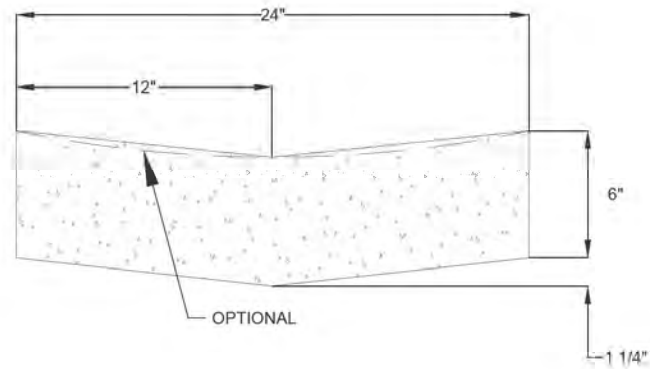
1 SLOPE KEY TYPICAL SECTION
CJ003 SCALE: NTS



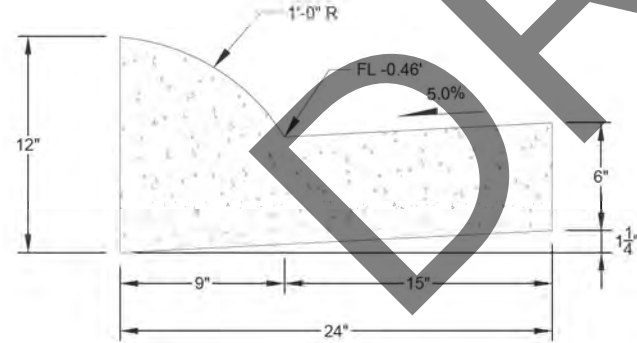
2 FILL SLOPE LINING
CJ003 SCALE: NTS



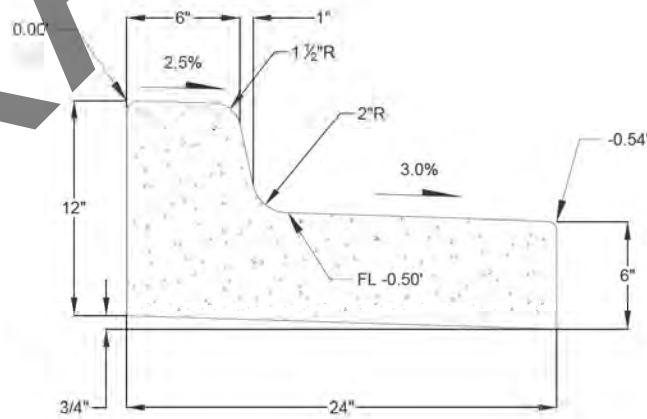
3 CULVERT OUTLET ENERGY DISSIPATOR
CJ003 SCALE: NTS



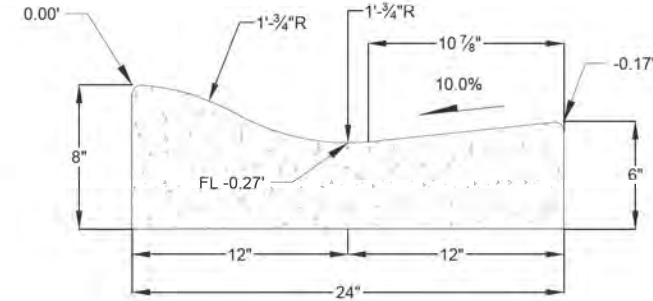
4 VALLEY GUTTER
CJ003 SCALE: NTS



5 EXPRESS CURB
CJ003 SCALE: NTS



6 BARRIER CURB
CJ003 SCALE: NTS



7 ROLLED CURB
CJ003 SCALE: NTS

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/IFP Z8003-30000; DMVA ###
CIVIL DETAILS 3

SCALE:	1
DRAWN BY:	BL
SYNOPSIS MGR:	DRP
ENGINEER:	
DATE:	7/1/25
SHEET NO:	CJ 003
30 of 130	

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TRANSPORTATION & PUBLIC FACILITIES DIVISION
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

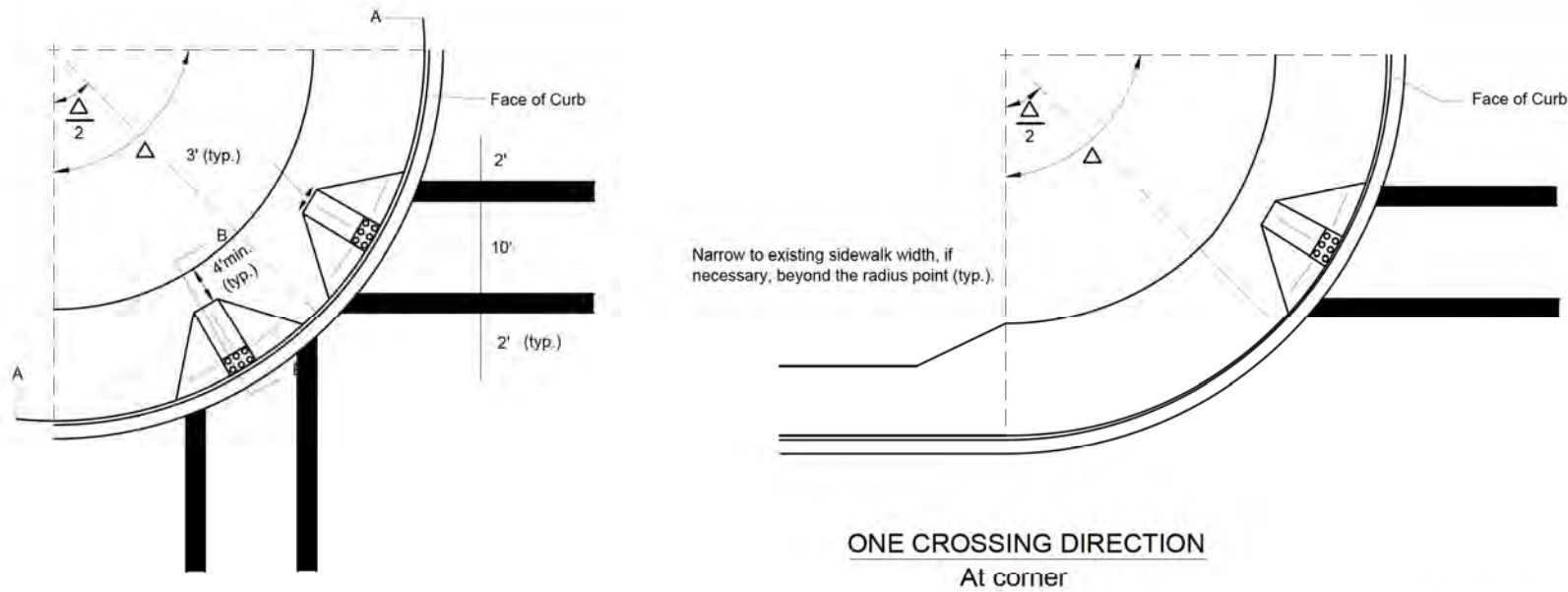
DRAWINGS PREPARED BY:
R&M CONSULTANTS, INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

NOTE	
DATE	

CONSTRUCTION DOCUMENT

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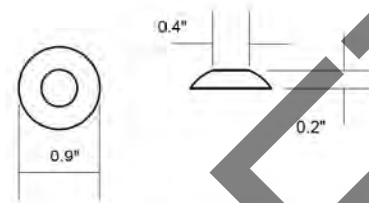


TWO CROSSING DIRECTIONS
At corner

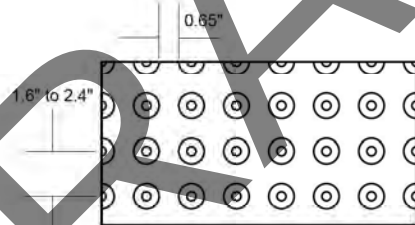
ONE CROSSING DIRECTION
At corner

TRUNCATED DOME SURFACE
SEE NOTE 13

Mid point of radius = mid point
of interior separation (desirable)

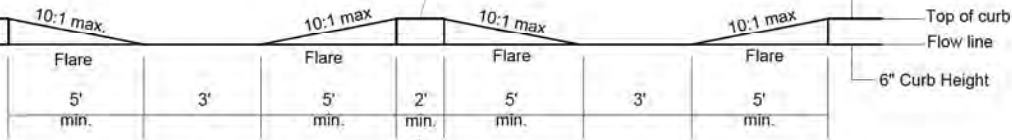


TRUNCATED DOME DETAIL



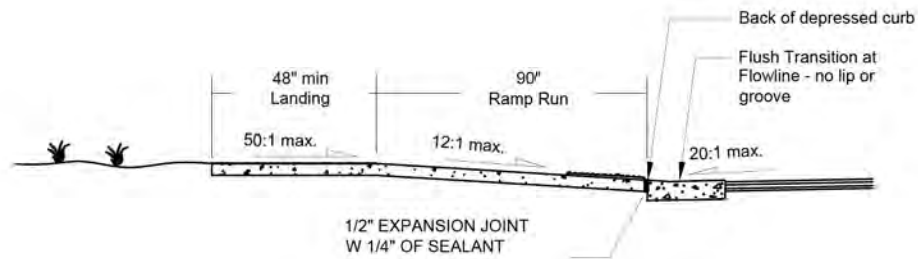
TEXTURE PATTERN DETAIL

- ### GENERAL NOTES
1. Perpendicular curb ramps require approximately 12' of sidewalk width. Use parallel or combination parallel/perpendicular curb ramps for narrower widths.
 2. A single central curb ramp (not shown) should be used only when installing two ramps is not feasible. When used, applicable layout details should correspond with those shown on the mid-block detail.
 3. See plans for ramp type at particular locations.
 4. Ramp runs shall be perpendicular to the face of curb.
 5. Construct ramp runs and flares of concrete, regardless of whether the sidewalk is asphalt or concrete.
 6. Locate ramp runs within the inner edges of marked crosswalks or, if crosswalks are not marked, within the area a standard marked crosswalk would enclose. See Standard Drawing T-23 for standard crosswalk layout.
 7. Ramp run and flare lengths shown pertain to 6" curb heights and no longitudinal sidewalk slope. For other heights and slopes, increase or decrease run and flare lengths to maintain the slopes shown.
 8. Where sidewalk slope makes it necessary to lengthen a ramp run to avoid exceeding the allowable slope, it should not be made longer than 15 feet for a 6" curb height or, in general, 30 times the curb height. Similarly a flare should not be made longer than 6 feet for a 6" curb height or, in general, 12 times the curb height. The slopes resulting from those run or flare lengths are acceptable, even if they exceed the maximum slopes shown.
 9. The 10:1, 12:1 and 50:1 slopes shown are the steepest slopes allowed by law (except as provided under note 7).
 10. Provide a coarse broomed finish running parallel to the curb on ramp runs and flares.
 11. Drainage inlets should not be located within marked crosswalks or, if crosswalks are not marked, within the area a standard marked crosswalk would enclose. If that is unavoidable, accessible grates, with openings no greater than 1/2" in any direction, shall be used.
 12. Flares may be replaced with a curb at locations where access to the side of a ramp run is blocked by poles, utility boxes, other obstructions, or by a non-accessible surface such as a dirt planter strip. See Standard Drawing 1-20 for details.
 13. Install 24" wide strips of safety yellow cast-in-place composite detectable warning tiles with truncated dome detectable warning texture on the street side edge of ramp runs as shown. Domes shall be arranged in a square pattern. Align truncated dome pattern in the predominant direction of wheelchair travel to permit wheels to roll between the domes.

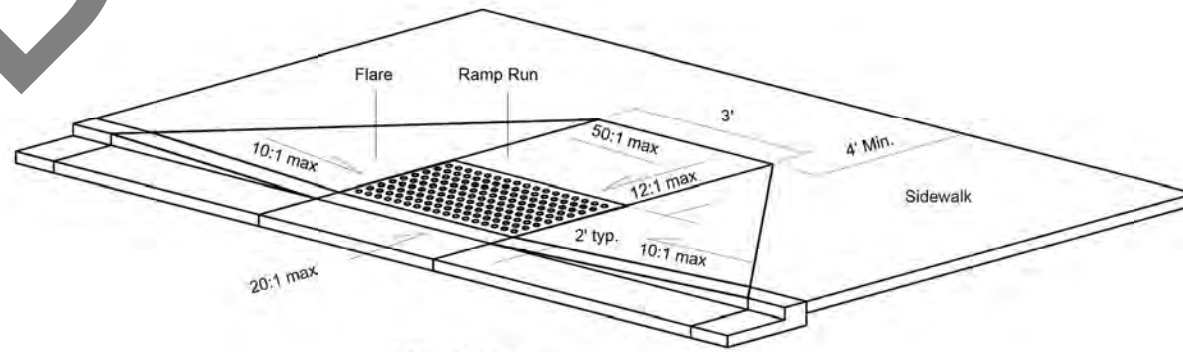


PROFILE A-A

* Adjust width of inner separation to keep ramp runs within the inner edges of marked crosswalks or, if crosswalks are not marked, within the area a standard marked crosswalk would enclose.



SECTION B-B



MID-BLOCK

CONSTRUCTION DOCUMENT

DATE	NOTE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1615 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

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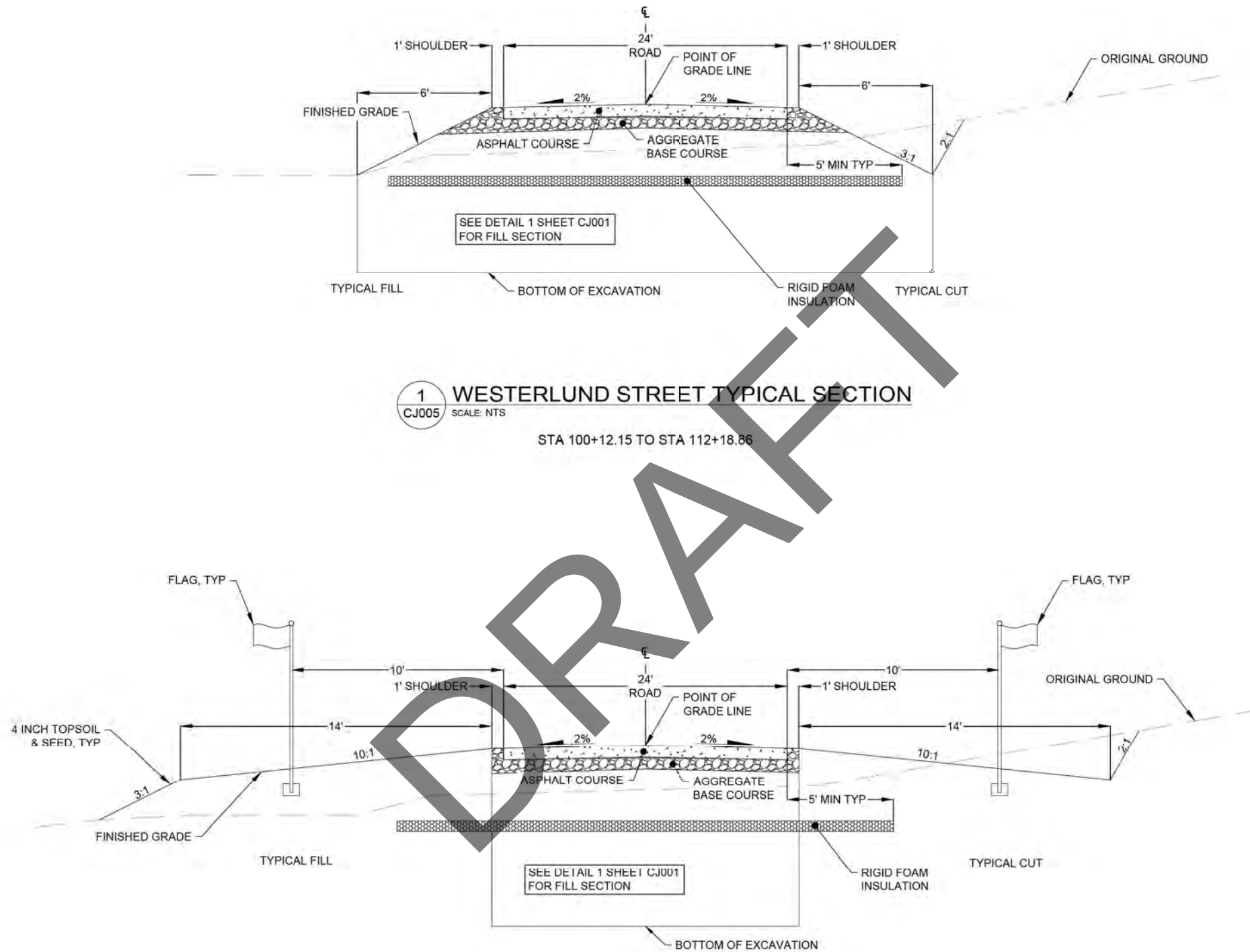


TRANSPORTATION & PUBLIC FACILITIES - STATE OF ALASKA

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PPF Z800330000; DMVA ###
CIVIL DETAILS 4

95% DESIGN
SCALE: 1" = 1'-0"
DRAWN BY: BL
PROJ. MGR.: DRP
ENGINEER:
DATE: 7/1/25
SHEET NO: CJ 004
31 of 130

Plotted 7/1/2025 9:26 AM by Branson Lee Z:\project\1869.03 Dot_sw Drwa Interior Ak Veterans Cemetery Salcha Site\Civil\ACAD\1869.03 IAVC - CJ 1.0 CIVIL DETAILS.dwg



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP Z800330000; DMVA ###

TYPICAL SECTIONS

SCALE:
DRAWN BY: BL
PROJ. MGR.: DRP
ENGINEER:
DATE: 7/1/25

SHEET NO:
CJ 005
32 of 130



DEPARTMENT OF TRANSPORTATION AND
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FACILITIES

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DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1115 UNIVERSITY BOULEVARD
ANCHORAGE, AK 99501

DATE	NOTE

CONSTRUCTION
DOCUMENT

P:\WCE_WORK\2025 WCE PROJECTS\2025-3990 SDG - Alaska-LA\DWG\3990-LS1.dwg

Plotted 8/30/2025 4:01 PM by amose

PEDESTRIAN AND VEHICULAR PATTERNS

SCALE: 1"=50'



CONCEPT GRAPHICS SCHEDULE

- PEDESTRIAN ACCESS
TAKEOFF: 2,526 LF
- VEHICULAR ACCESS
TAKEOFF: 2,160 LF
- PATH
TAKEOFF: 1,005 LF

(DAVID ABEL)

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP XX: DMVA XX

PEDESTRIAN AND VEHICULAR PATTERNS

SCALE:	1"=50'
DRAWN BY:	AM
PROJ. MGR:	EF
ENGINEER:	
DATE:	8/30/25

SHEET NO:

LS 002

1 of XX



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815 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
227 S ALASKA ST
PALMER, AK 99645

DRAFT SUBMITTAL

ENTRY TO SITE
SCALE: 1"=100'



AVENUE OF FLAGS
SEE LS 401

SCATTERING GARDEN &
MEMORIAL WALL SEE LS 402

FLAG ASSEMBLY
AREA SEE LS 403

ADMINISTRATION
BUILDING SEE LS 405

COMMITTAL SHELTER
SEE LS 404

COLUMBARIUM SEE LS 404

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOTPF XX DMVA XX

OVERALL SITE PLAN COVER

SCALE: 1"=200'
DRAWN BY: 
PROJ. MGR.: 
ENGINEER:
DATE: 8/30/25

SHEET NO:
LS 100

1 of XX



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PUBLIC FACILITIES STATEWIDE PUBLIC
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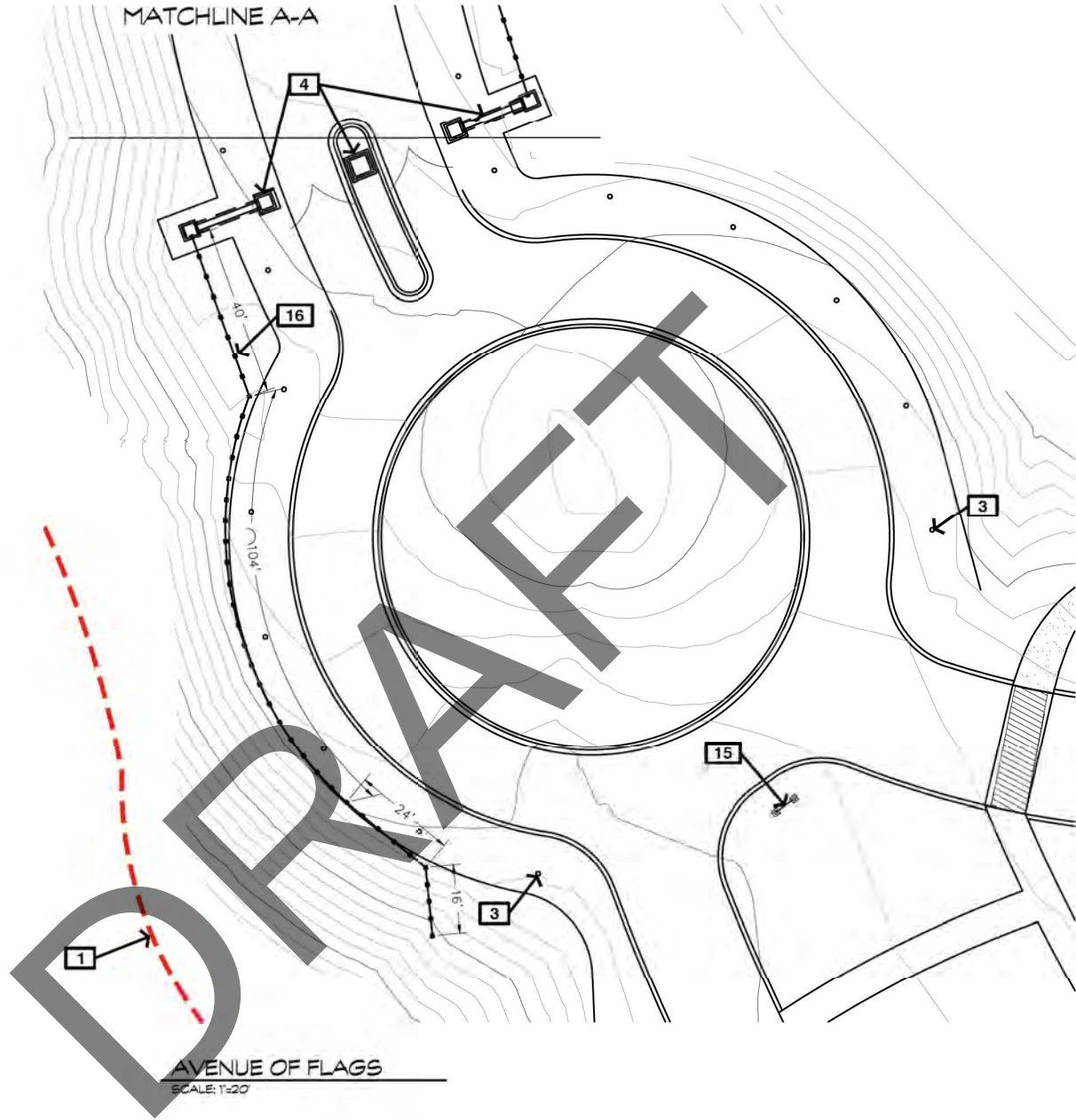
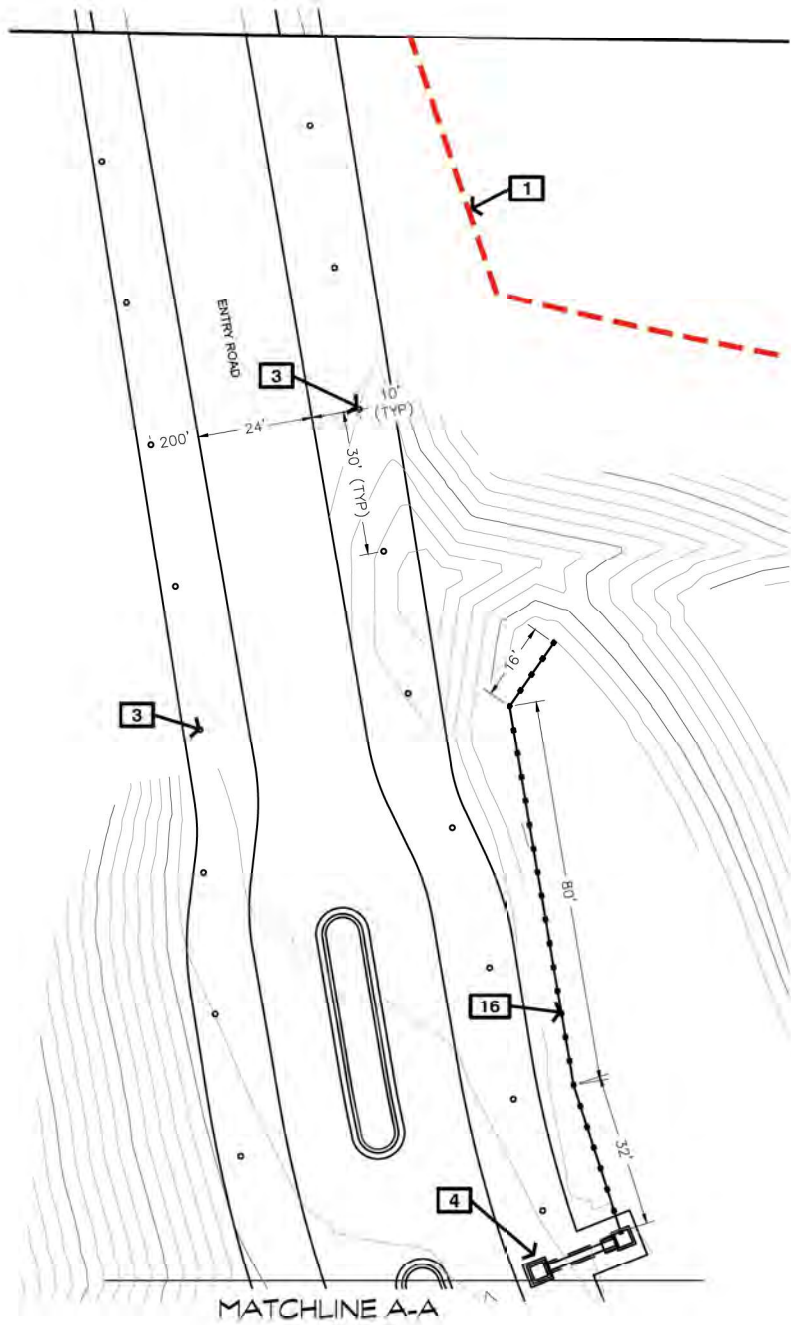
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1015 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
247 S ALASKA ST.
PALMER, AK 99645

DATE

NOTE

DRAFT SUBMITTAL



REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	DETAIL
1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE.	
3	AVENUE OF FLAGS POLE BASES, 30' OC, 10' FROM EOP (30 TOTAL), SEE LS 502 DETAIL 5 AVENUE OF FLAGS - FLAG POLE BASE	
4	FRONT ENTRANCE AND GATE, SEE LS 501 AND LS 502 FOR DETAILS	
15	WAYFINDING SIGNAGE, SEE LW100 FOR DETAILS	
16	8' ORNAMENTAL FENCING, SEE LS 503 DETAIL 5, 8'-8' ORNAMENTAL FENCING	



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)	DOT/PP XX: DMVA XX
AVENUE OF FLAGS ENLARGEMENT	
SHEET NO:	LS 401
1 of XX	



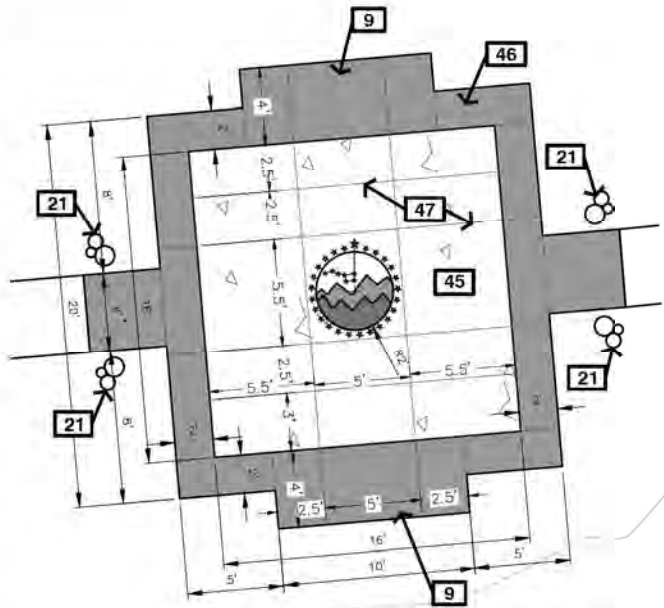
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DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

DRAWINGS PREPARED BY
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8151 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

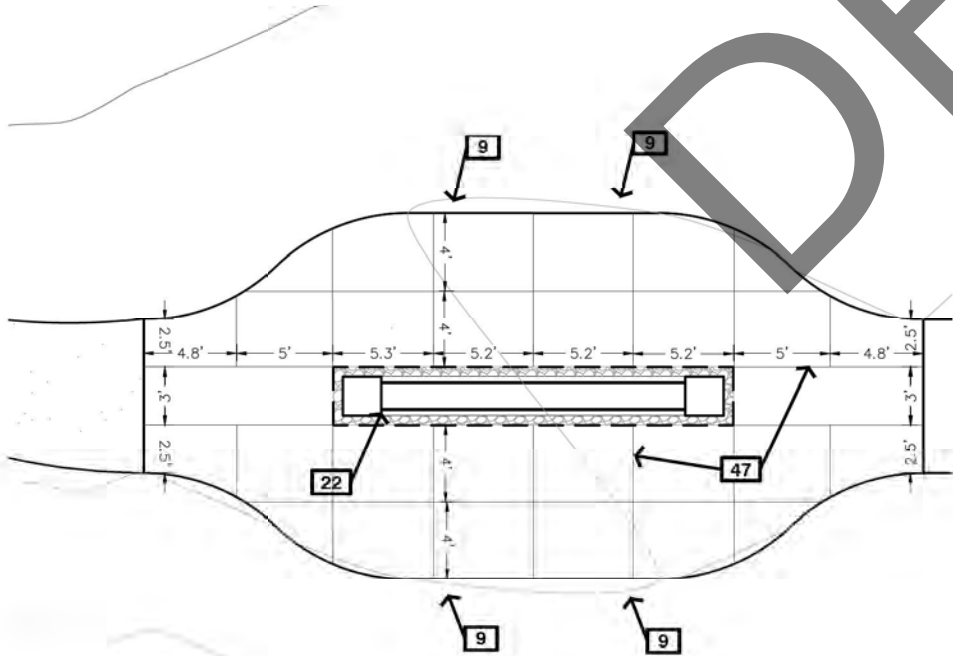
SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
247 S ALASKA ST.
PALMER, AK 99645

DATE	NOTE

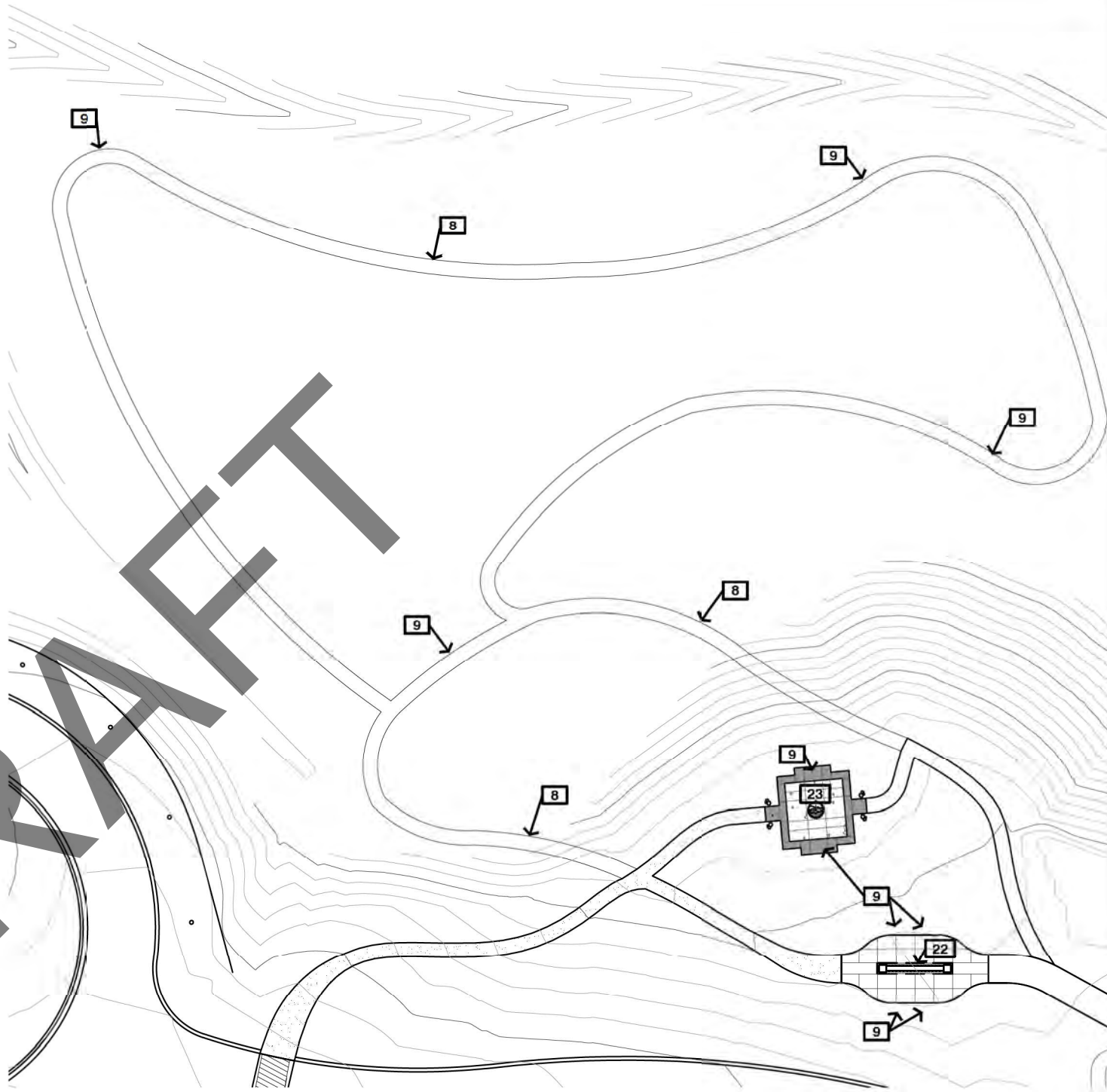
DRAFT SUBMITTAL



SCATTERING GARDEN PLAZA
SCALE: 1"=5'



MEMORIAL WALL
SCALE: 1"=5'

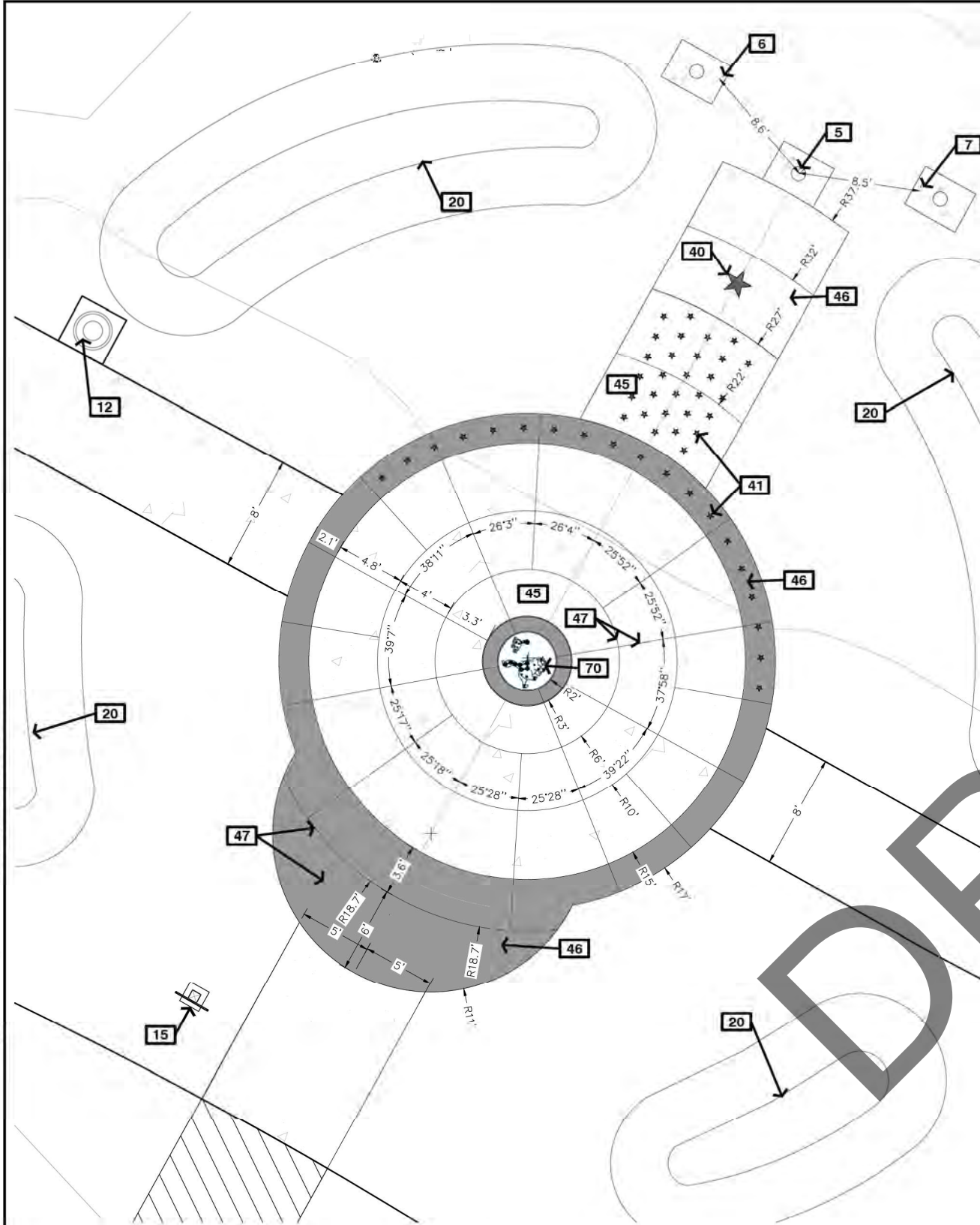


SCATTERING GARDEN TRAIL
SCALE: 1"=5'

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	DETAIL
1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE	
8	4' WIDE COMPACTED AGGREGATE TRAIL, SEE LP 503, DETAIL 15 COMPACTED AGGREGATE TRAIL SECTION	
9	FUTURE BENCH LOCATION, SEE LS 503, DETAIL 3 BENCH ON CONCRETE	
21	3-LOG PILLAR, SEE LP 501, DETAIL 6, 3-LOG PILLAR FOOTER SECTION	
22	MEMORIAL WALL, SEE LS 402 AND LB 505, DETAIL 1	
23	SCATTERING GARDEN PLAZA, SEE LS 505 FOR DETAILS	
45	BROOM FINISH CONCRETE	
46	BROOM FINISH INTEGRATED CONCRETE: SMOKE	
47	JOINTS, SEE SPEC. AND CIVIL DETAILS	





FLAG ASSEMBLY AREA
SCALE: 1"=5'

- NOTES:
1. THE BEAR OUTLINES ARE STAMPED
 2. 4" DIAMETER 3/8" BRONZE BAND AND 6" DIAMETER 3/8" BRONZE BAND WITH INTEGRATED SMOKE COLOR CONCRETE, BROOM FINISH BETWEEN BANDS
 3. 30" DIAMETER 3/8" BRONZE BAND AND 34" DIAMETER 3/8" BRONZE BAND WITH INTEGRATED SMOKE COLOR CONCRETE, BRUSH FINISH BETWEEN BANDS
 4. ALL STARS ARE BRONZE IMBEDDED IN CONCRETE
 5. SMALLER STARS ARE 3"
 6. NORTH STAR IS 6"
 7. 49 SURROUNDING STARS ARE 4"
 8. THE NORTH STAR IS ORIENTED TO TRUE NORTH
 9. THE ALASKA STAR IS 2' WITH THE SCRIPT "ALASKA" AS SHOWN IN BUFULLY SCRIPT, SEE LS 500 DETAIL 1
 10. ALL STARS ARE CONNECTED BY 3/8" BRONZE IMBEDDED IN CONCRETE

FLAG ASSEMBLY PLAZA EMBLEM DETAIL
SCALE: NOT TO SCALE

STAR PATTERN DETAIL
SCALE: 1"=5'

REFERENCE NOTES SCHEDULE		
CODE	DESCRIPTION	DETAIL
5	30' USA FLAG POLE WITH UP LIGHT, SEE LS 502, DETAIL 6 30' FLAG POLE, SEE ELECTRICAL PLANS FOR UP LIGHT	
6	25' ALASKA STATE FLAG POLE WITH UP LIGHT, SEE LS 502, DETAIL 6 25' FLAG POLE, SEE ELECTRICAL PLANS FOR UP LIGHT	
7	25' MIA FLAG POLE WITH UP LIGHT, SEE LS 502, DETAIL 6 25' FLAG POLE, SEE ELECTRICAL PLANS FOR UP LIGHT	
12	TRASH RECEPTACAL ONLY, WATER SPIGOT NOT REQUIRED FOR THIS LOCAITON, SEE LS 503 FOR DETAIL 2.	
15	WAYFINDING SIGNAGE, SEE LW100 FOR DETAILS	
20	2' HIGH BERM	
40	6" TALL NORTH STAR (1)	
41	4" TALL STARS (49 TOTAL)	
45	BROOM FINSH CONCRETE	
46	BROOM FINISH INTEGRATED CONCRETE: SMOKE	
47	JOINTS, SEE SPEC AND CIVIL DETAILS	
70	FLAG ASSEMBLY CENTER DESIGN, SEE LS 505	



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IACV)

DOT/PP XX: DMVA XX

FLAG ASSEMBLY AREA ENLARGEMENT

DRAFT SUBMITTAL

DATE: 8/30/25

SHEET NO: LS 403

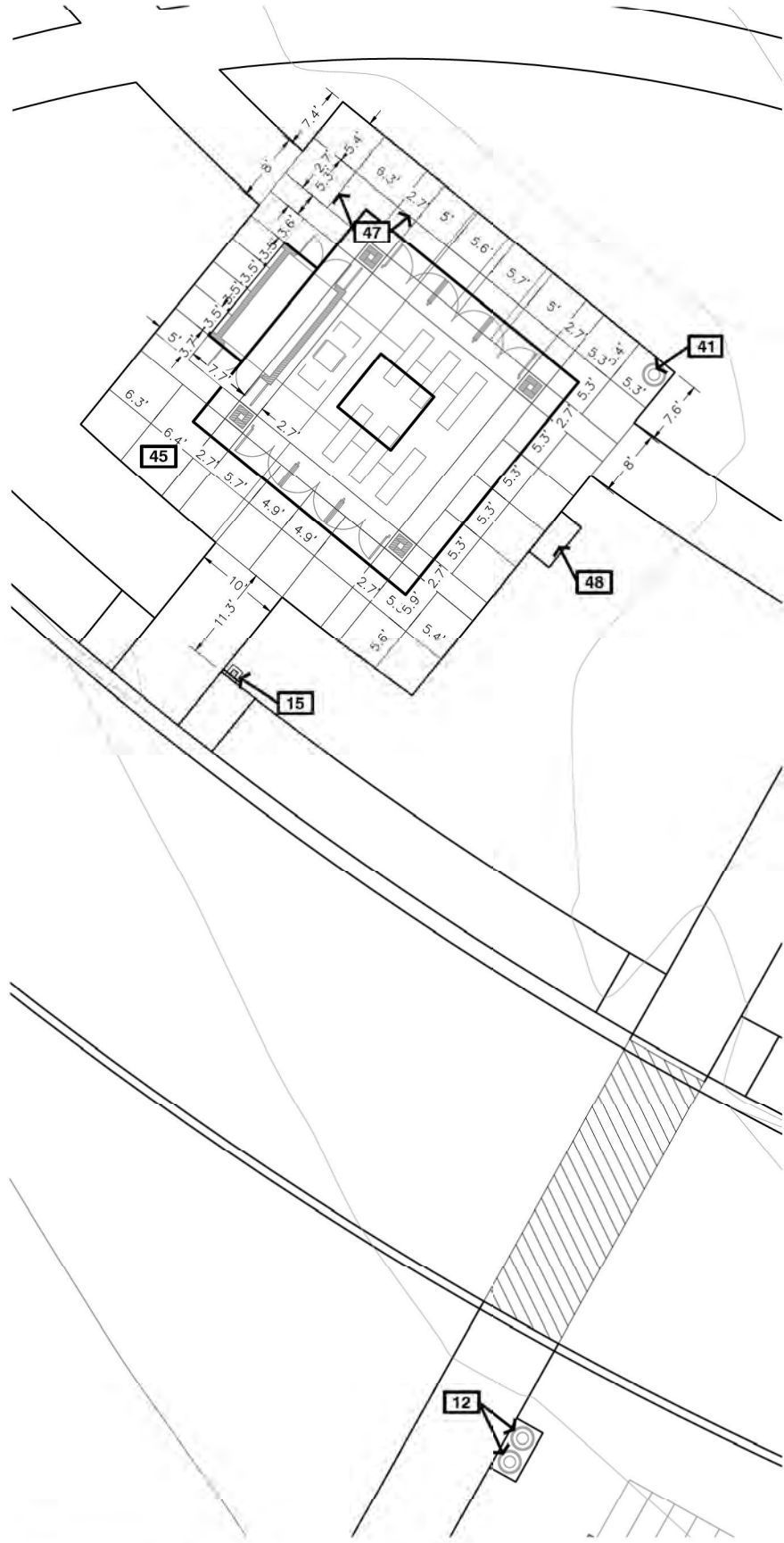
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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATESIDE PUBLIC FACILITIES

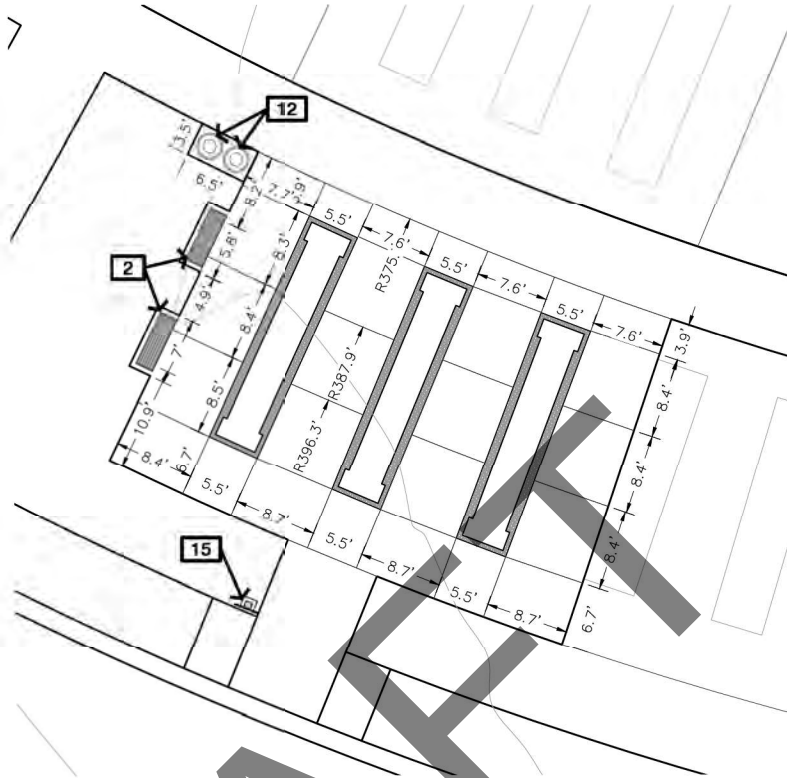
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

DRAWINGS PREPARED BY R&M CONSULTANTS, INC. 401 UNIVERSITY DRIVE ANCHORAGE, AK 99501

SPECIALTY DRAWINGS PREPARED BY SUSTAINABLE DESIGN GROUP, LLC 247 S ALASKA ST. PALMER, AK 99645



COMMITTAL SHELTER
SCALE: 1"=10'



COLUMBARIUM
SCALE: 1"=10'

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	DETAIL
1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE	
10	TRASH/FLOWER VASE RECEPTACLE W/FLOWER WATERING STATION. SEE LS 503 DETAIL 1	
12	TRASH RECEPTACAL ONLY. WATER SPIGOT NOT REQUIRED FOR THIS LOCAITON. SEE LS 503 FOR DETAIL 2.	
13	8' ORNAMENTAL FENCE. SEE LS 503 DETAIL 6. 8' ORNAMENTAL FENCE	
14	8' ORNAMENTAL GATE. SEE LS 503. DETAIL 6. 8' ORNAMENTAL GATE	
15	WAYFINDING SIGNAGE. SEE LW100 FOR DETAILS	
17	8' CHAIN LINK FENCE. SEE LS 503, DETAIL 4, CHAIN LINK FENCE	
37	SNOW STORAGE AREA	
45	BROOM FINISH CONCRETE	
47	JOINTS, SEE SPEC.AND CIVIL DETAILS	



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP XX: DMVA XX

SITE PLAN HARDSCAPE

SCALE:	1"=50'
DRAWN BY:	AM
PROJ. MGR:	W
ENGINEER	
DATE:	8/30/25

SHEET NO:
LS 404
1 of XX



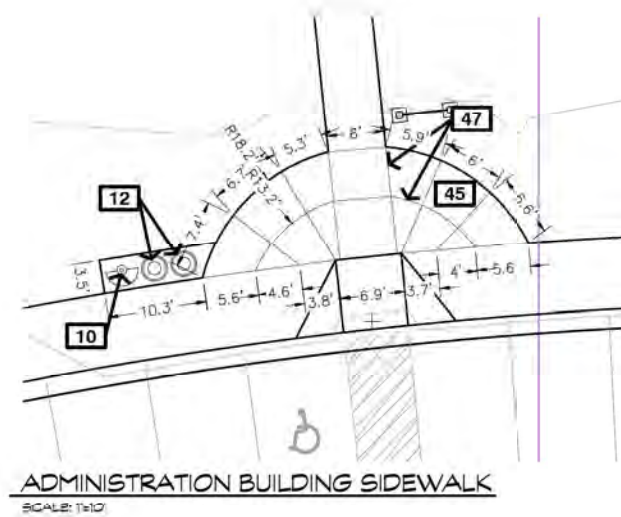
DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
8151 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
247 S ALASKA ST.
PALMER, AK 99645

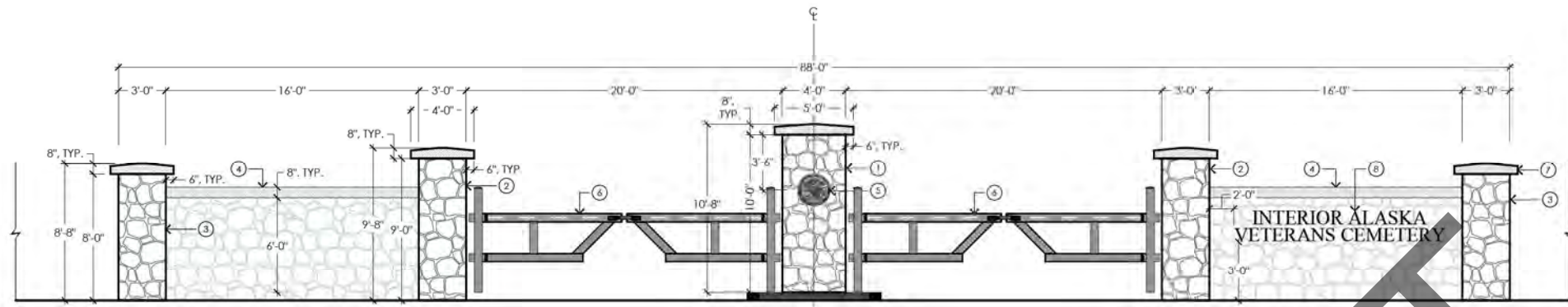
DRAFT SUBMITTAL



DRAFT

<u>CODE</u>	<u>DESCRIPTION</u>	<u>DETAIL</u>
1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE	
10	TRASH/FLOWER VASE RECEPTACLE W/FLOWER WATERING STATION. SEE LS 503 DETAIL 1	
12	TRASH RECEPTACLE ONLY, WATER SPIGOT NOT REQUIRED FOR THIS LOCATION. SEE LS 503 FOR DETAIL 2.	
13	8" ORNAMENTAL FENCE, SEE LS 503 DETAIL 6, 8" ORNAMENTAL FENCE	
14	8" ORNAMENTAL GATE, SEE LS 503, DETAIL 6, 8" ORNAMENTAL GATE	
15	WAYFINDING SIGNAGE, SEE LW100 FOR DETAILS	
17	6" CHAIN LINK FENCE, SEE LS 503, DETAIL 4, CHAIN LINK FENCE	
37	SNOW STORAGE AREA	
45	BROOM FINISH CONCRETE	
47	JOINTS, SEE SPEC AND CIVIL DETAILS	



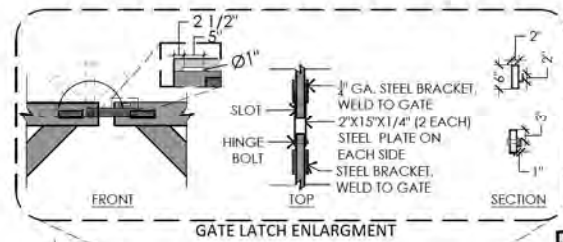


- 1 ENTRY CENTER COLUMN
- 2 ENTRY SIDE COLUMN
- 3 ENTRY WALL COLUMN
- 4 ENTRY WALL
- 5 24" DIA. 'STATE OF ALASKA' 3D SEAL PLAQUE
- 6 FRONT ENTRY GATES
- 7 ARCHITECTURAL PRECAST CAP, TYP.
- 8 SIGN LETTERING TO BE 10" TALL BY 1" WIDE SS, TIMES NEW ROMAN FONT, ATTACHED TO WALL. SUBMIT SHOP DRAWINGS

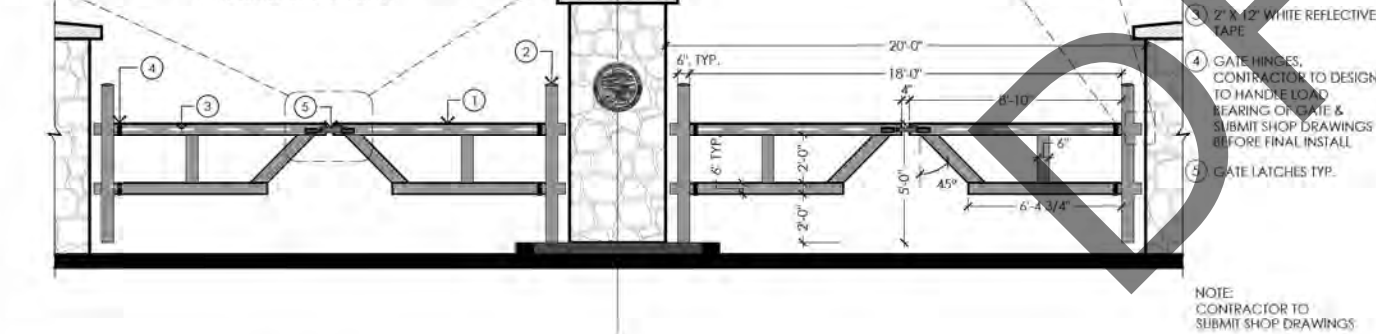
03
(SS01)

02
(SS01)

1 FRONT ENTRANCE ELEVATION
NTS

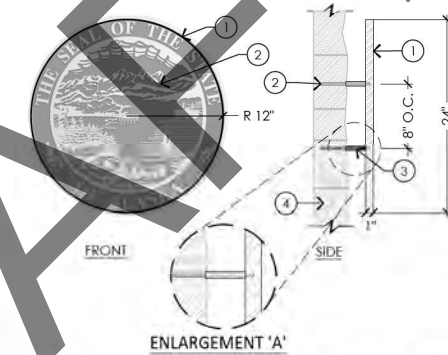


GATE LATCH ENLARGMENT



NOTE: CONTRACTOR TO SUBMIT SHOP DRAWINGS

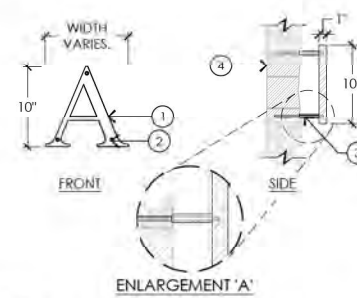
2 FRONT ENTRANCE GATES
NTS



- 1 24" ROUND ALUMINUM, 3D PLAQUE WITH 'STATE OF ALASKA' STATE SEAL
- 2 (3) MECHANICALLY FASTENED ANCHOR RODS FOR ATTACHMENT INTO STONE WALL, SEE ENLARGEMENT 'A', EPOXY ANCHOR RODS IN PLACE
- 3 1/2" x 1-1/2" ALUMINUM SPACERS, TYP. SEE ENLARGEMENT 'A'
- 4 STONE VENEER

NOTE: ANCHOR IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS

3 STATE OF ALASKA 3D SEAL PLAQUE
NTS



- 1 FRONT ENTRANCE ALUMINUM LETTERING, TYP. 10" HEIGHT MIN, 1" DEPTH, NATURAL SATIN FINISH
- 2 MECHANICALLY FASTENED ANCHOR RODS FOR ATTACHMENT INTO STONE VENEER, SEE ENLARGEMENT 'A'
- 3 1/2" x 1-1/2" ALUMINUM SPACERS, TYP. SEE ENLARGEMENT 'A'
- 4 STONE VENEER

4 FRONT ENTRANCE LETTERING, TYP.
NTS

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP XX: DMVA XX
SITE DETAILS

SCALE:
DRAWN BY: BMN
PROJ. MGR: MKW
ENGINEER:
DATE: 06/30/25

SHEET NO:
LS 501
40 of 130

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

DEPARTMENT OF MILITARY AND
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MAINTENANCE OFFICE



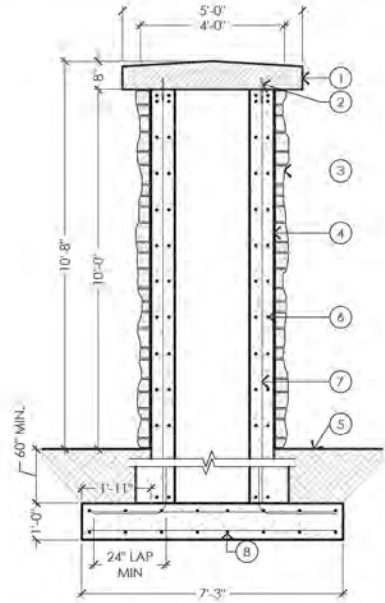
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1015 VANNUYER DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY
G BROWN DESIGN, INC.
635 E. 10TH ST., SUITE #10
ANCHORAGE, AK 99501

DATE

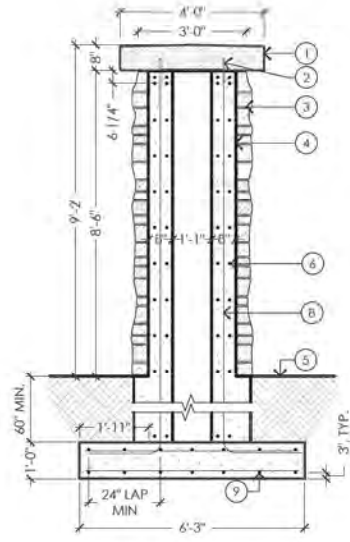
NOTE

DRAFT SUBMITTAL



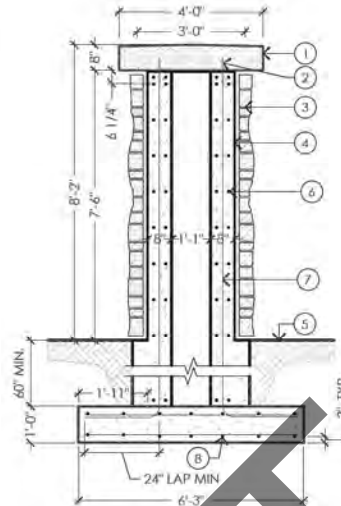
- 1 ARCHITECTURAL PRECAST CAP, TYP. SEE SPECIFICATION 03 45 00 ARCHITECTURAL PRECAST CONCRETE
- 2 NATURAL STONE VENEER, SEE SPECIFICATIONS
- 3 1/2" X 8" STAINLESS STEEL PIN SET IN GROUTED 5/8"
- 4 CONCRETE WALL
- 5 FINISH GRADE
- 6 (2) ROWS OF #3 BARS @ 12" O.C., TYP UON; LAP 19" MIN
- 7 #5 BARS @ 12" O.C. WITH BEND, ALTERNATE DIRECTIONS
- 8 #5 BARS @ 12" O.C. EACH DIRECTION, T&B

1 ENTRY CENTER COLUMN
NTS



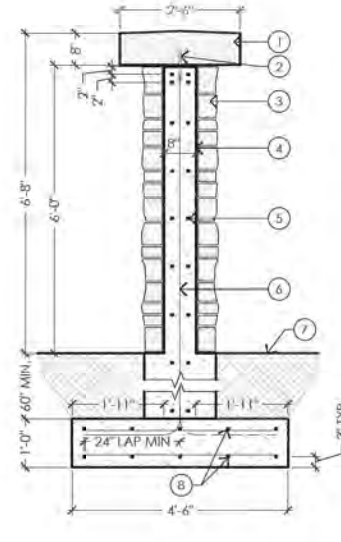
- 1 ARCHITECTURAL PRECAST CAP, TYP. SEE SPECIFICATION 03 45 00 ARCHITECTURAL PRECAST CONCRETE
- 2 1/2" X 8" STAINLESS STEEL PIN SET IN GROUTED 5/8"
- 3 NATURAL STONE VENEER, SEE SPECIFICATIONS
- 4 CONCRETE WALL
- 5 FINISH GRADE
- 6 (2) ROWS OF #3 BARS @ 12" O.C., TYP UON; LAP 19" MIN
- 7 #5 BARS @ 12" O.C. WITH BEND, ALTERNATE DIRECTIONS
- 8 #5 BARS @ 12" O.C. EACH DIRECTION, T&B

2 ENTRY SIDE COLUMN
NTS



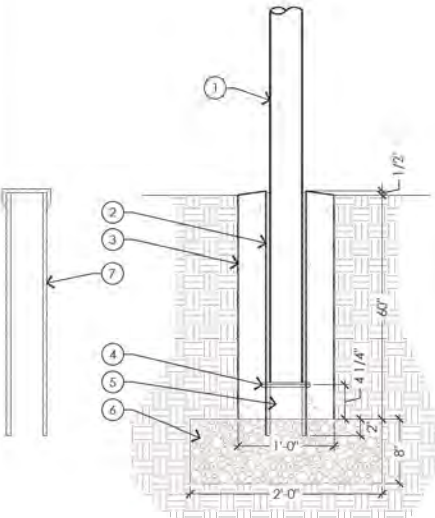
- 1 ARCHITECTURAL PRECAST CAP, TYP. SEE SPECIFICATION 03 45 00 ARCHITECTURAL PRECAST CONCRETE
- 2 1/2" X 8" STAINLESS STEEL PIN SET IN GROUTED 5/8"
- 3 NATURAL STONE VENEER, SEE SPECIFICATIONS
- 4 CONCRETE WALL
- 5 FINISH GRADE
- 6 (2) ROWS OF #3 BARS @ 12" O.C., TYP UON; LAP 19" MIN
- 7 #5 BARS @ 12" O.C. WITH BEND, ALTERNATE DIRECTIONS
- 8 #5 BARS @ 12" O.C. EACH DIRECTION, T&B

3 ENTRY WALL COLUMN
NTS



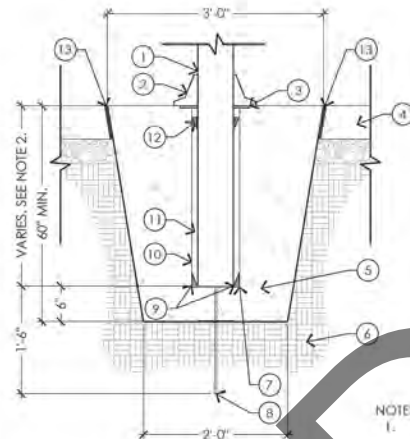
- 1 ARCHITECTURAL PRECAST CAP, TYP. SEE SPECIFICATION 03 45 00 ARCHITECTURAL PRECAST CONCRETE
- 2 1/2" X 8" STAINLESS STEEL PIN SET IN GROUTED 5/8"
- 3 NATURAL STONE VENEER, SEE SPECIFICATIONS
- 4 CONCRETE WALL
- 5 (2) ROWS OF #3 BARS @ 12" O.C., TYP UON; LAP 19" MIN
- 6 #5 BARS @ 12" O.C. WITH BEND, ALTERNATE DIRECTIONS
- 7 FINISH GRADE
- 8 #5 BARS @ 12" O.C. EACH DIRECTION, T&B

4 ENTRY WALL
NTS



- 1 120 FLAGPOLE (PROVIDED BY OWNER)
- 2 1/2" HEAVY PVC SLEEVE COMPATIBLE WITH EDER, 120 FLAGPOLE
- 3 3000 PSI CONCRETE BASE, PITCH TOP TO DRAIN
- 4 STAINLESS STEEL STOP PIN SECURELY ATTACHED THROUGH SLEEVE
- 5 MAINTAIN CLEAR SPACE BELOW STOP PIN
- 6 CLEAR STONE FOR DRAINAGE
- 7 PROVIDE PVC FILLER SLEEVE WITH SOLID PVC CAP. CAP SHALL FIT INSIDE SLEEVE BUT NOT TIGHT. CAP SHALL BE FLUSH WITH TOP OF SLEEVE AND REST ON STOP PIN. ALL PVC SHALL BE SCHEDULE 40 MINIMUM.

5 AVENUE OF FLAGS - FLAG POLE BASE
NTS



- 1 FLAG POLE SYSTEM (SEE SPECS.)
- 2 FLASH COLLAR
- 3 SEALANT
- 4 CONCRETE PAVING (SEE CIVIL DETAIL)
- 5 CONCRETE FOOTING
- 6 UNDISTURBED OR PREPARED SUBGRADE
- 7 3/16" X 12" SQ. STEEL BASE PLATE
- 8 3/4" DIA. STEEL GROUND SPIKE
- 9 STEEL CENTERING WEDGES
- 10 FOUNDATION SLEEVE, HOT DIP 16 GA. CORRUGATED GALVANIZED SLEEVE
- 11 DRY SAND TIGHTLY TAMPED AFTER ALIGNING POLE
- 12 HARDWOOD WEDGES (REMOVE AFTER TAMPING SAND)
- 13 EXPANSION JOINT

NOTES:
1. INSTALL IN ACCORDANCE WITH ANY ADDITIONAL MANUFACTURER INSTALLATION REQUIREMENTS.
2. 25' FLAGPOLE 2'-6"; 30' FLAGPOLE 3'-0".

6 25' OR 30' FLAG POLE
NTS

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IFP XX: DMVA XX
SITE DETAILS

SCALE
DRAWN BY: BMN
PROJ MGR: MKW
ENGINEER:
DATE: 06/30/25
SHEET NO:
LS 502
41 of 130

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

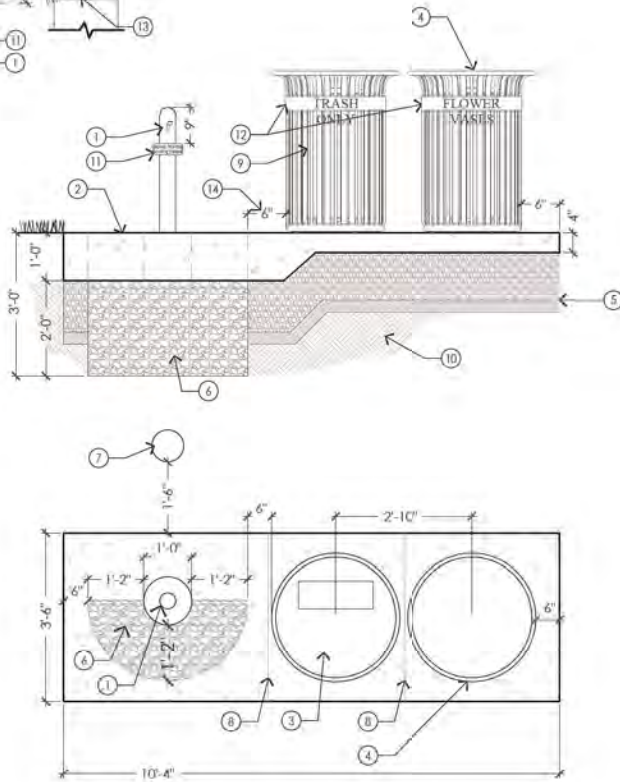
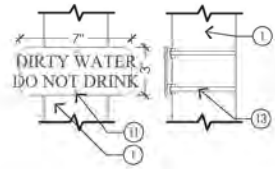


DRAWINGS PREPARED BY:
R&M CONSULTANTS, INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

SPECIALTY DRAWINGS
PREPARED BY:
G BROWN DESIGN, INC.
501 E. 11TH ST., SUITE #10
ANCHORAGE, AK 99501

DATE
NOTE

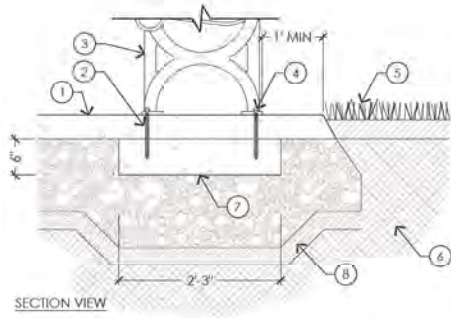
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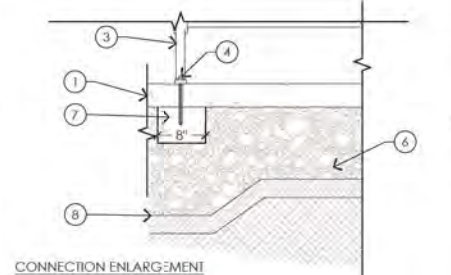
- 1 WATER SPIGOT W/BLACK POST AND MOUNT (SEE SPEC SECTION 323100-SITE IMPROVEMENTS & FURNISHINGS, INSTALL PER MFR. REC., HANDLE MUST BE ADA COMPLIANT)
- 2 CONC. PAVEMENT (SEE CIVIL DETAILS)
- 3 CUSTOM LID (SEE SPEC SECTION 323100-SITE IMPROVEMENTS & FURNISHINGS)
- 4 TRASH RECEPTACLE (LS-503)
- 5 BASE COURSE AND INSULATION BOARD PER CIVIL SIDEWALK DETAILS.
- 6 3/4" ROUNDED GRAVEL WRAPPED IN FILTER FABRIC ON SIDES AND BOTTOM (SUBMIT SAMPLE FOR APPROVAL)
- 7 10" VALVE BOX
- 8 CONTROL JOINT
- 9 VASE RECEPTACLE
- 10 UNDISTURBED OR PREPARED SUBGRADE
- 11 FIBER REINFORCED PLASTIC SIGN PANEL, SINGLE FACE W/ NON-GLARE MATTE FINISH. COPY TO BE PERMANENTLY EMBEDDED IN PANEL. LETTERING TO BE UPPERCASE TIMES NEW ROMAN 3/4" HT. BACKGROUND COLOR TO BE DARK BRONZE. LETTERING TO BE WHITE. SUBMIT SHOP DRAWINGS.
- 12 FIBER REINFORCED PLASTIC SIGN PANEL, SINGLE FACE W/ NON-GLARE MATTE FINISH. COPY TO BE PERMANENTLY EMBEDDED IN PANEL. LETTERING TO BE UPPERCASE TIMES NEW ROMAN 2" HT. BACKGROUND COLOR TO BE DARK BRONZE. LETTERING TO BE WHITE. SUBMIT SHOP DRAWINGS.
- 13 ATTACH TO POST WITH SIGN BRACKETS. BRACKET COLOR TO MATCH POST. SUBMIT SAMPLE FOR APPROVAL.
- 14 IF ONLY RECEPTACLE(S) IS REQUIRED AS NOTED ON THE PLANS, CONCRETE PAD SHALL BE 6" WIDER THAN RECEPTACLE(S).

- 1 TRASH RECEPTACLE (SEE SPEC SECTION 323100-SITE IMPROVEMENTS & FURNISHINGS)
- 2 CONCRETE WALKWAY (SEE CIVIL DETAILS)
- 3 PLANTING AREA (SEE PLANTING PLAN)
- 4 BASE COURSE AND INSULATION BOARD PER CIVIL
- 5 UNDISTURBED OR COMPACTED SUBGRADE
- 6 24"X24"X4" THICK CONCRETE PAD
- 7 1/2" X 8" STAINLESS STEEL EXPANSION ANCHOR BOLT WITH TAMPER RESISTANT HEADS

- NOTES:
1. ALL STL. MEMBERS COATED WITH ZINC RICH EPOXY THEN FINISHED WITH POLYESTER POWDER COATING (BLACK).
 2. ALL WELDS CONT. THEN GROUND SMOOTH.



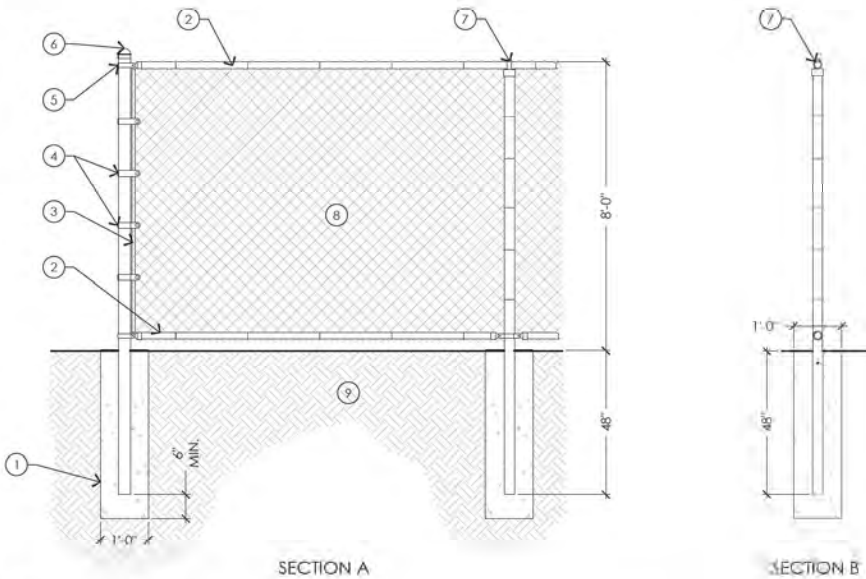
- 1 CONCRETE SIDEWALK (SEE CIVIL DETAILS)
 - 2 DRILL MOUNTING HOLES IN FOOTING 1/8" WIDER AND 1" DEEPER THAN SPECIFIED BOLT DIAMETER. EPOXY TO REQUIRED DEPTH.
 - 3 BENCH (SEE SPEC SECTION 323100-SITE IMPROVEMENTS & FURNISHINGS)
 - 4 STAINLESS STEEL DROP-IN ANCHORS AND BOLTS
 - 5 LANDSCAPE AREA (SEE PLANS)
 - 6 PREPARED OR UNDISTURBED SUBGRADE
 - 7 CONCRETE FOOTING
 - 8 BASE COURSE AND INSULATION BOARD PER CIVIL SIDEWALK DETAILS
- NOTES:
1. CENTER BENCH ON FOOTING.
 2. USE MANUFACTURER'S HARDWARE OR EQUAL.
 3. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.



1 TRASH / FLOWER VASE RECEPTACLE WITH FLOWER WATERING STATION
NTS

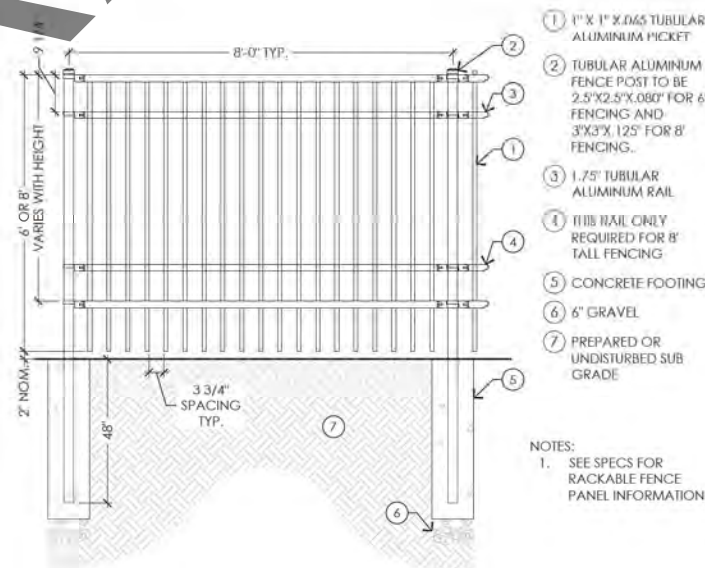
2 TRASH RECEPTACLE ON CONCRETE
NTS

3 BENCH ON CONCRETE
NTS



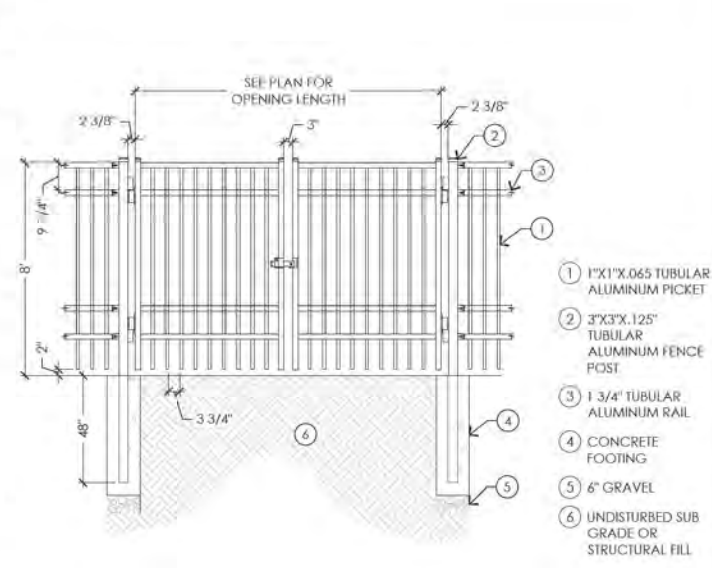
4 8' CHAIN LINK FENCE
NTS

- 1 CONCRETE FOOTING
- 2 1 3/8" O.D. SUPPORT RAIL ON TOP & BOTTOM. TIES SPACED 18" O.C.
- 3 TENSION BAR TO SUPPORT CHAIN LINK FABRIC
- 4 BRACKETS FOR TENSION BAR
- 5 BRACKETS FOR SUPPORT RAILS
- 6 2 1/2" ROUND CORNER POST WITH DOME CAP
- 7 2" LINE POST WITH LOOP CAP. 8' MAX. SPACING BETWEEN POSTS
- 8 9 GA BLACK VINYL COATED CHAIN LINK FABRIC WITH TOP & BOTTOM SELVAGE KNUCKLES. (SEE SPECS)
- 9 UNDISTURBED OR PREPARED SUBGRADE



- NOTES:
1. SEE SPECS FOR RACKABLE FENCE PANEL INFORMATION.

5 6' & 8' ORNAMENTAL FENCING
NTS



6 8' ORNAMENTAL GATE
NTS

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IACV)
DOT/PPF XX: DMVA XX
SHEET NO: LS 503
42 of 130



DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

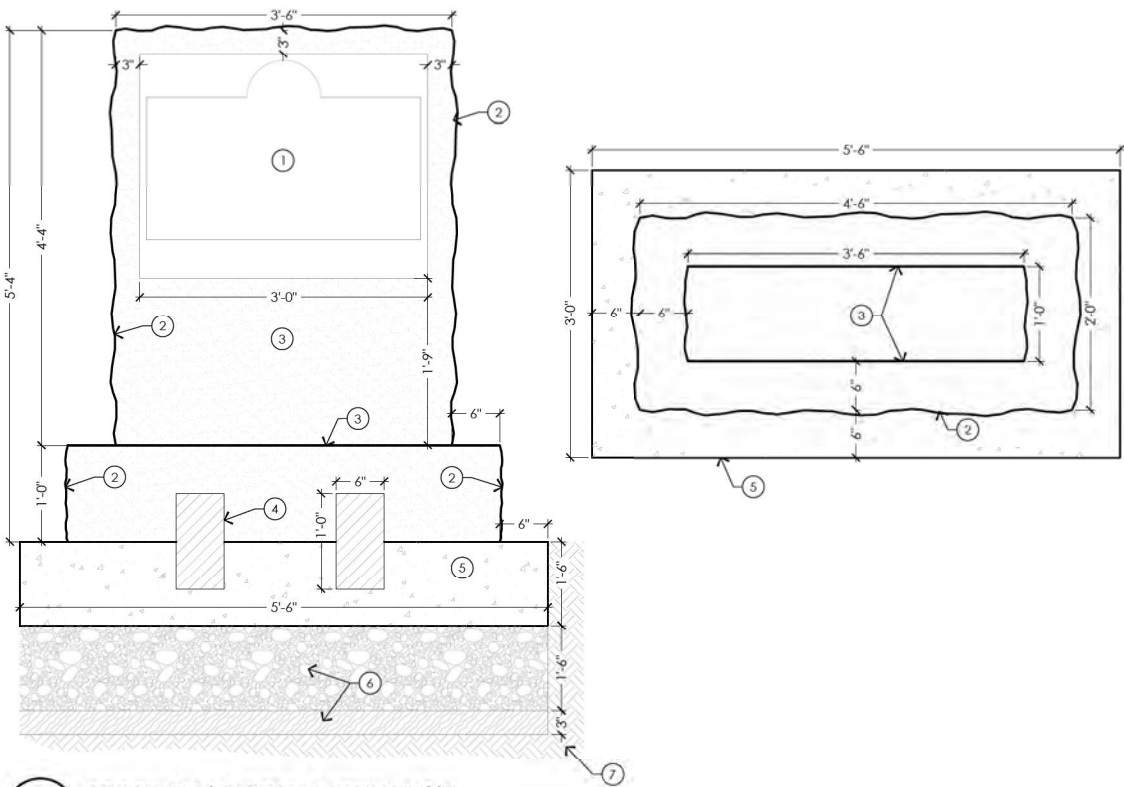
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1511 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS PREPARED BY
G BROWN DESIGN, INC.
6316 UNIVERSITY DRIVE
MURRAY, UT 84150

NOTE
DATE

DRAFT SUBMITTAL

Plotted 6/30/2025 3:54 PM by Mathew Winward G:\U25-006_Interior Alaska Veterans Cemetery\CAD\Site Details_I\AVC.dwg

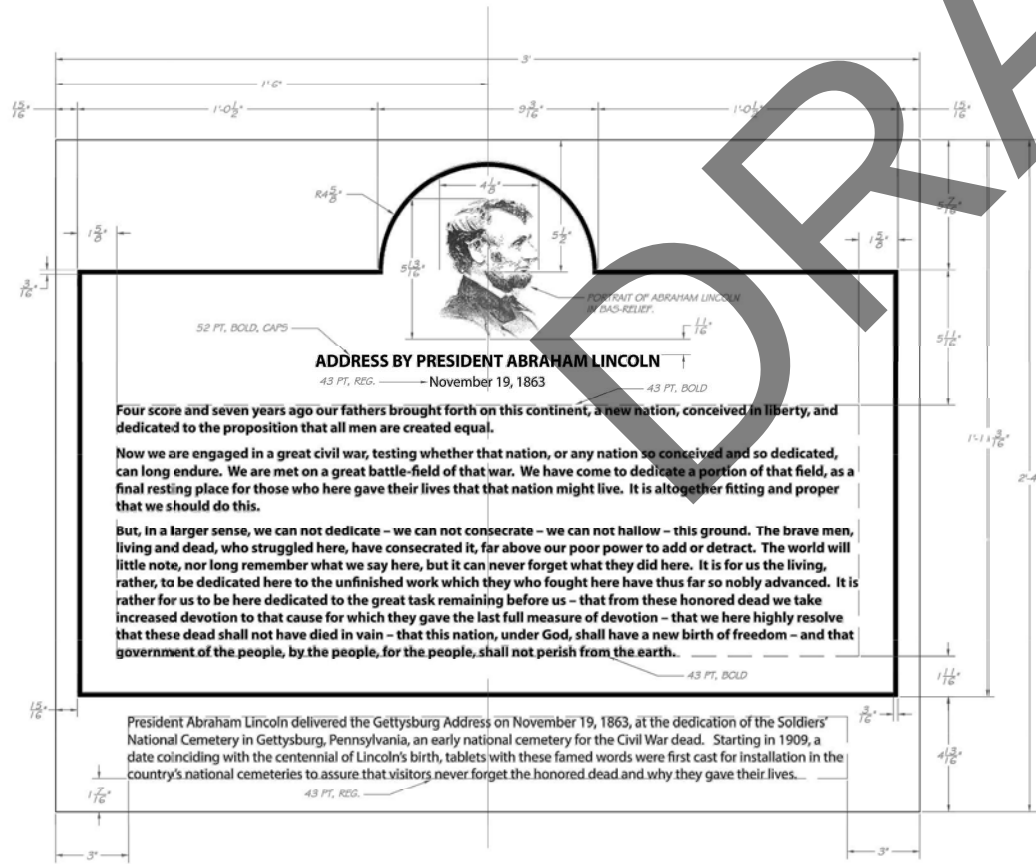
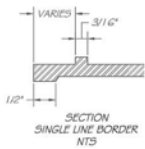
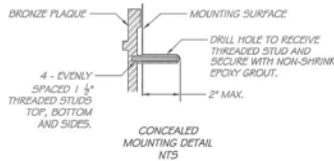


- 1 GETTYSBURG ADDRESS PLAQUE (SEE GETTYSBURG ADDRESS PLAQUE DETAIL)
- 2 QUARRY CUT FINISH FACE
- 3 HONED FINISH FACE
- 4 6" DIA. x 12" LONG SS DOWEL EPOXIED IN PLACE AS PER STONE PROVIDER'S RECOMMENDATIONS
- 5 CONCRETE FOOTING BASE
- 6 BASE COURSE AND INSULATION BOARD
- 7 UNDISTURBED OR PREPARED SUBGRADE

1 ABRAHAM LINCOLN MONUMENT

NTS

NOTE:
BRONZE PLAQUE, MYRIAD PRO FONT, PEBBLE TEXTURE
BACKGROUND DARK BROWN COLOR. PROVIDE SAMPLES
AND SHOP DRAWINGS FOR FINAL APPROVAL OF
FINISHES AND TEXT. SEE ARCHITECTURAL DRAWINGS
FOR MOUNTING LOCATION.



2 GETTYSBURG ADDRESS PLAQUE FOR ABRAHAM LINCOLN MONUMENT

NTS

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IACV)

SITE DETAILS

SCALE:
DRAWN BY: BMN
PROJ. MGR.: MKW
ENGINEER:
DATE: 06/30/25

SHEET NO:
LS-504
43 of 130



DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

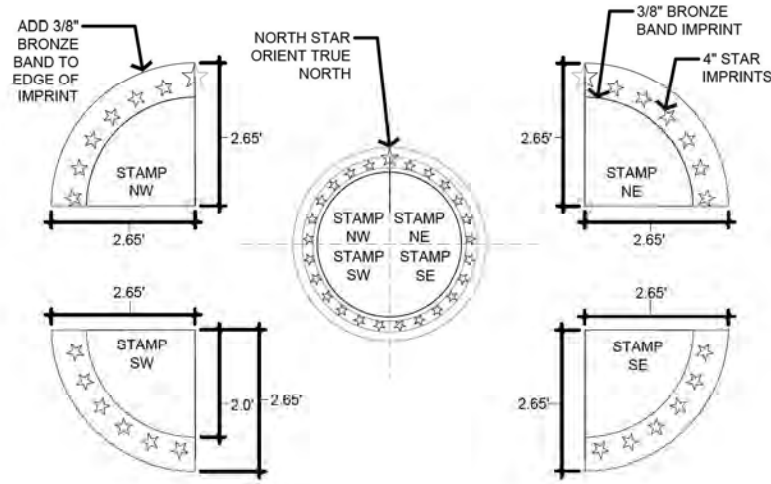
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1815 WASHINGTON BOULE
ANCHORAGE, AK 99501

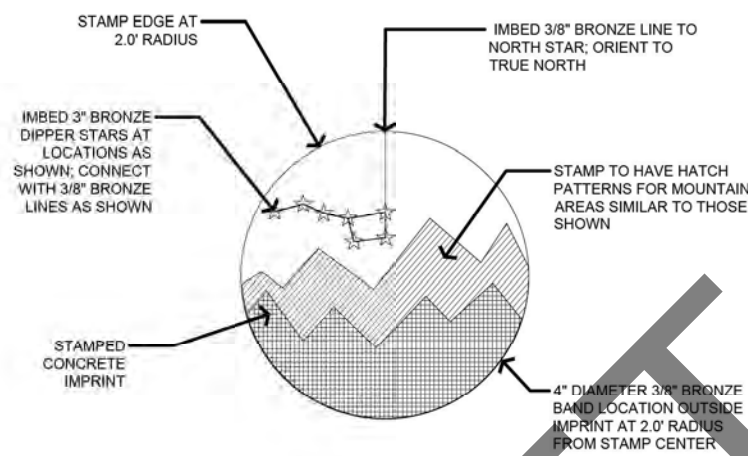
SPECIALTY DRAWINGS
PREPARED BY
G BROWN DESIGN, INC.
603 E. 10TH ST. SUITE #10
MURRAY, UT 84123

DATE NOTE

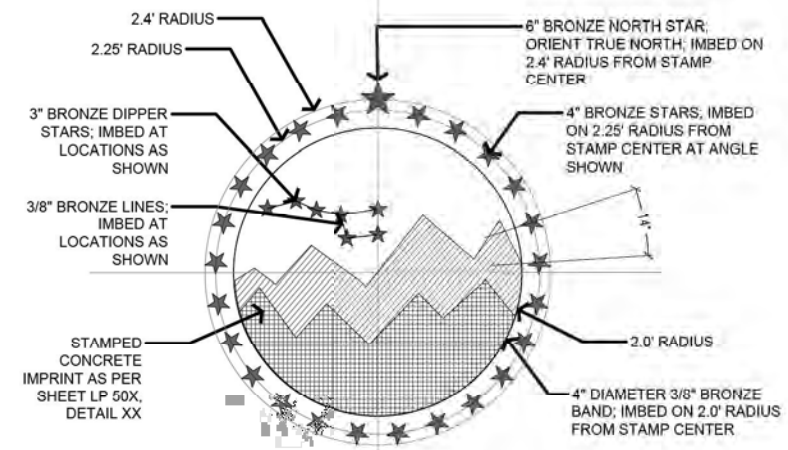
DRAFT SUBMITTAL



1 SCATTERING GARDEN PLAZA STAR STAMPS
DETAIL-FILE



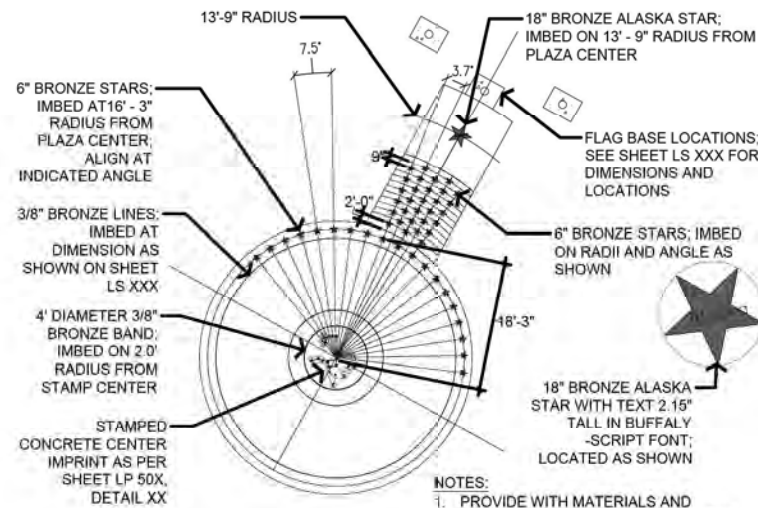
2 SCATTERING GARDEN PLAZA CENTER STAMP
DETAIL-FILE



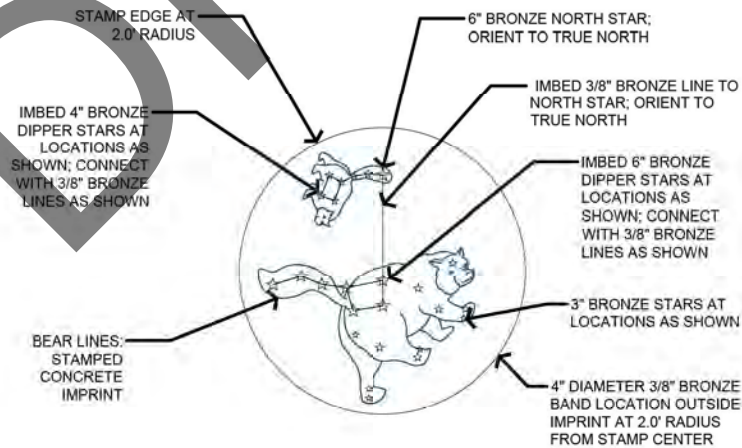
3 SCATTERING GARDEN PLAZA CENTER LAYOUT
NOT TO SCALE
DETAIL-FILE

REFERENCE NOTES SCHEDULE

<u>CODE</u>	<u>DESCRIPTION</u>	<u>DETAIL</u>
44	3" TALL STAR (16 TOTAL)	
45	ROOM FINISH: CONCRETE	
46	ROOM FINISH: COATED CONCRETE: SMOKE	



4 FLAG ASSEMBLY PLAZA LAYOUT
NOT TO SCALE
DETAIL-FILE



5 FLAG ASSEMBLY PLAZA CENTER STAMP
DETAIL-FILE



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PP XX: DMVA XX
FLAG ASSEMBLY PLAZA ENLARGEMENT

SCALE: 1\"/>

SHEET NO:

LS 505

1 of XX

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

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VETERANS AFFAIRS FACILITIES
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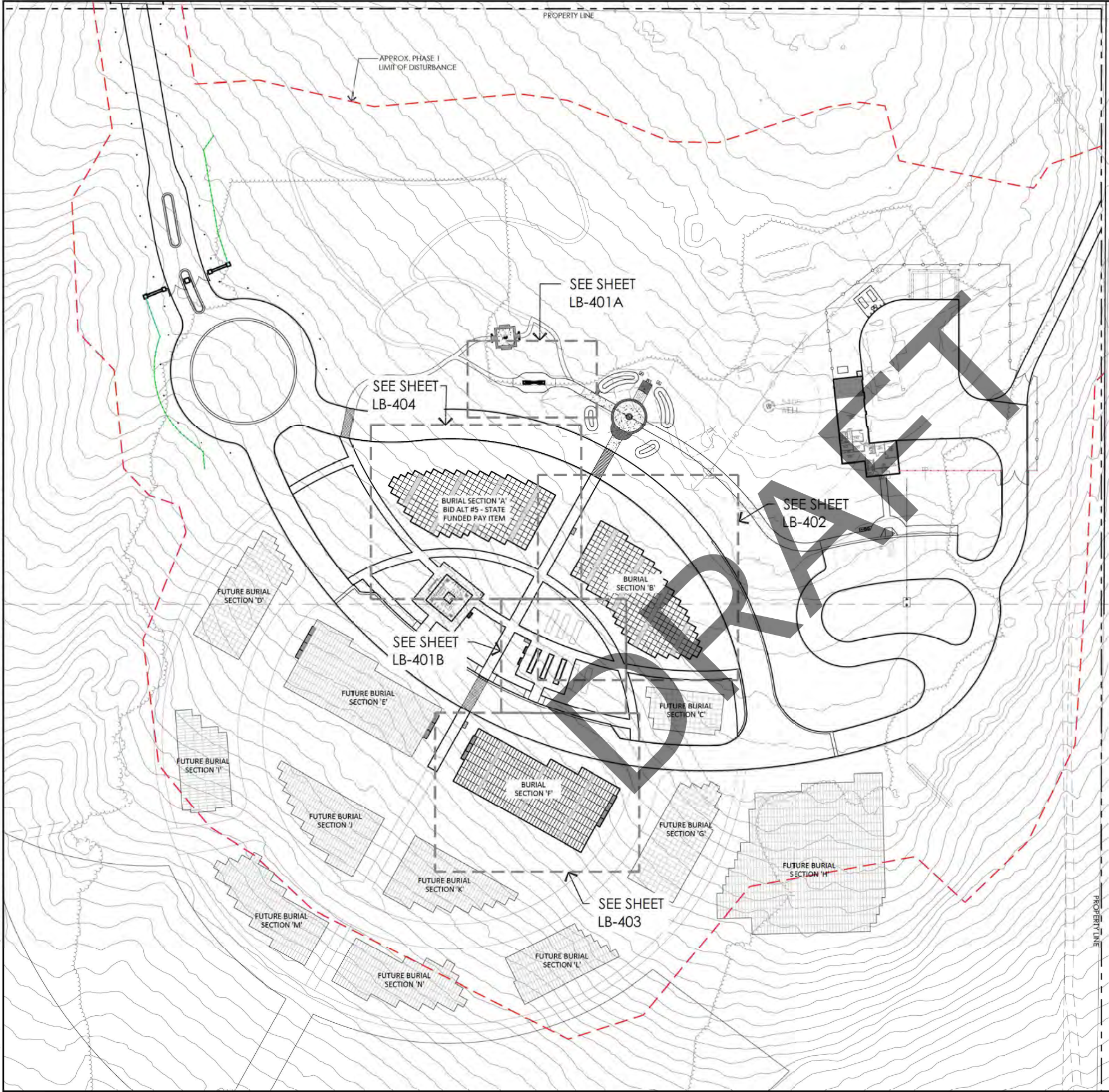
SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
217 S ALASKA ST.
PALMER, AK 99645

DATE	NOTE

DRAFT SUBMITTAL

G:\U25-006_Interior Alaska Veterans Cemetery\CAD\Burial Layout\IAVC.dwg

Plotted 6/30/2025 5:18 PM by Mathew Winward



LEGEND

- HEADSTONE TO FACE IN DIRECTION OF ARROW
- BURIAL SECTION MARKERS
- GRAVE SURVEY MONUMENT MARKERS
- BURIAL SECTION MARKER NUMBER OR COLUMBARIUM WALL NUMBER
- PHASE 1 - BURIAL FIELD BOUNDARY
- FUTURE BURIAL FIELD BOUNDARY
- PHASE 1 - 5X5 IN-GROUND CREMAIN PLOT
- FUTURE 5X5 IN-GROUND CREMAIN PLOTS
- PHASE 1 - 3X8 PRE-PLACED LAWN CRYPT BURIAL PLOTS
- PHASE 1 - 3X8 PRE-PLACED LAWN CRYPT BURIAL PLOTS
- 4X8.5 OVERSIZED PRE-PLACED CRYPT BURIAL PLOTS

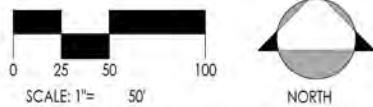
18 BURIAL LAYOUT POINTS ARE SHOWN ON THE DRAWING. CONTRACTOR IS RESPONSIBLE TO VERIFY ACCURACY PRIOR TO BEGINNING CONSTRUCTION. NOT ALL NECESSARY LAYOUT POINTS HAVE BEEN SHOWN. ELECTRONIC CAD FILES OF THE LAYOUT PLAN WILL BE AVAILABLE TO CONTRACTOR FOR ANY ADDITIONAL LAYOUT INFORMATION THAT MAY BE NEEDED FOR CONSTRUCTION.

ESTIMATED ANNUAL NEED	INTER/YEAR
CASKETED BURIAL PLOTS (3X8 PRE-PLACED CRYPT PLOTS)	EST. 29/YEAR
COLUMBARIUM NICHES	EST. 41/YEAR
IN-GROUND CREMAIN BURIAL PLOTS	EST. 20/YEAR
TOTAL ESTIMATED ANNUAL NEED (ALL INTERMENT TYPES)	EST. 90/YEAR

INTERMENT SUMMARY	EST. YRS
PHASE ONE SCHEDULE OF GRAVE SITES	
3X8 PRE-PLACED LAWN CRYPTS (DOUBLE DEPTH) = 351	12.10 YEARS
5X5 IN-GROUND CREMAIN PLOTS = 279	13.95 YEARS
COLUMBARIUM NICHES (3 WALLS - 5 HIGH X 20 NICHES WIDE) = 600	14.63 YEARS
MEMORIAL WALL PLAQUES = 96	

FUTURE PHASE EXPANSION SCHEDULE OF GRAVE SITES	
3X8 PRE-PLACED LAWN CRYPTS (DOUBLE DEPTH) = 2266	78.1 YEARS
5X5 IN-GROUND CREMAIN PLOTS = 779	38.95 YEARS
COLUMBARIUM NICHES (ADDITION OF 5 WALLS - 200 NICHES EACH) = 1000	24.39 YEARS
MEMORIAL WALL PLAQUES = AS DETERMINED	

PHASE 1 & FUTURE PHASE TOTAL SCHEDULE OF GRAVE SITES	
3X8 PRE-PLACED LAWN CRYPTS (DOUBLE DEPTH) = 2617	90.24 YEARS
5X5 IN-GROUND CREMAIN PLOTS = 1058	52.90 YEARS
COLUMBARIUM NICHES (5 WALLS - 200 NICHES EACH) = 1600	39.02 YEARS
MEMORIAL WALL PLAQUES = 96 + FUTURE QUANTITY TBD	
TOTAL OF ALL INTERMENT TYPES (NOT INCLUDING MEMORIAL WALLS) = 5,275	58.61 YEARS



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

DOT/PP XX: DMVA XX

OVERALL BURIAL LAYOUT PLAN

DATE

06/30/25

SHEET NO:

LB 100

44 of 130

NOTE

DATE

SPECIALTY DRAWINGS PREPARED BY

G BROWN DESIGN, INC

678 E 10TH ST SUITE #10

MURRAY, UT 84159

DRAWINGS PREPARED BY

R&M CONSULTANTS, INC

401 VANADIAN DRIVE

ANCHORAGE, AK 99507

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES

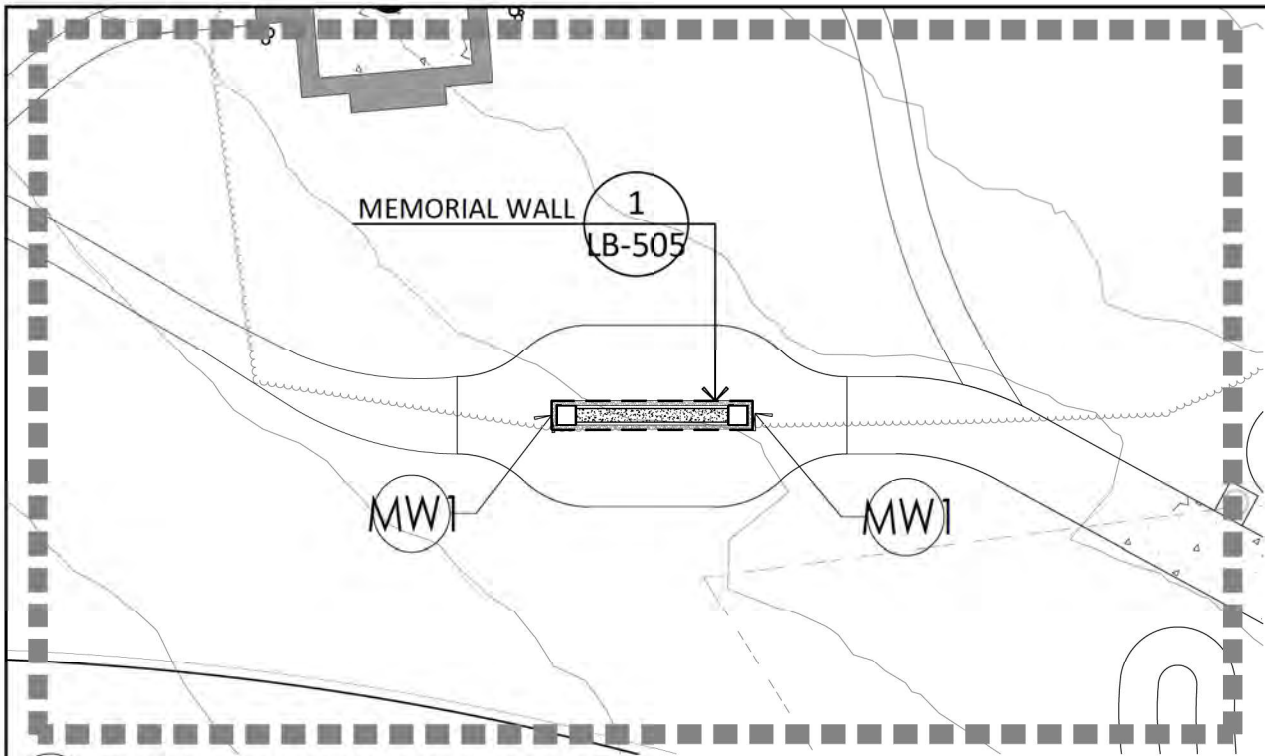
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

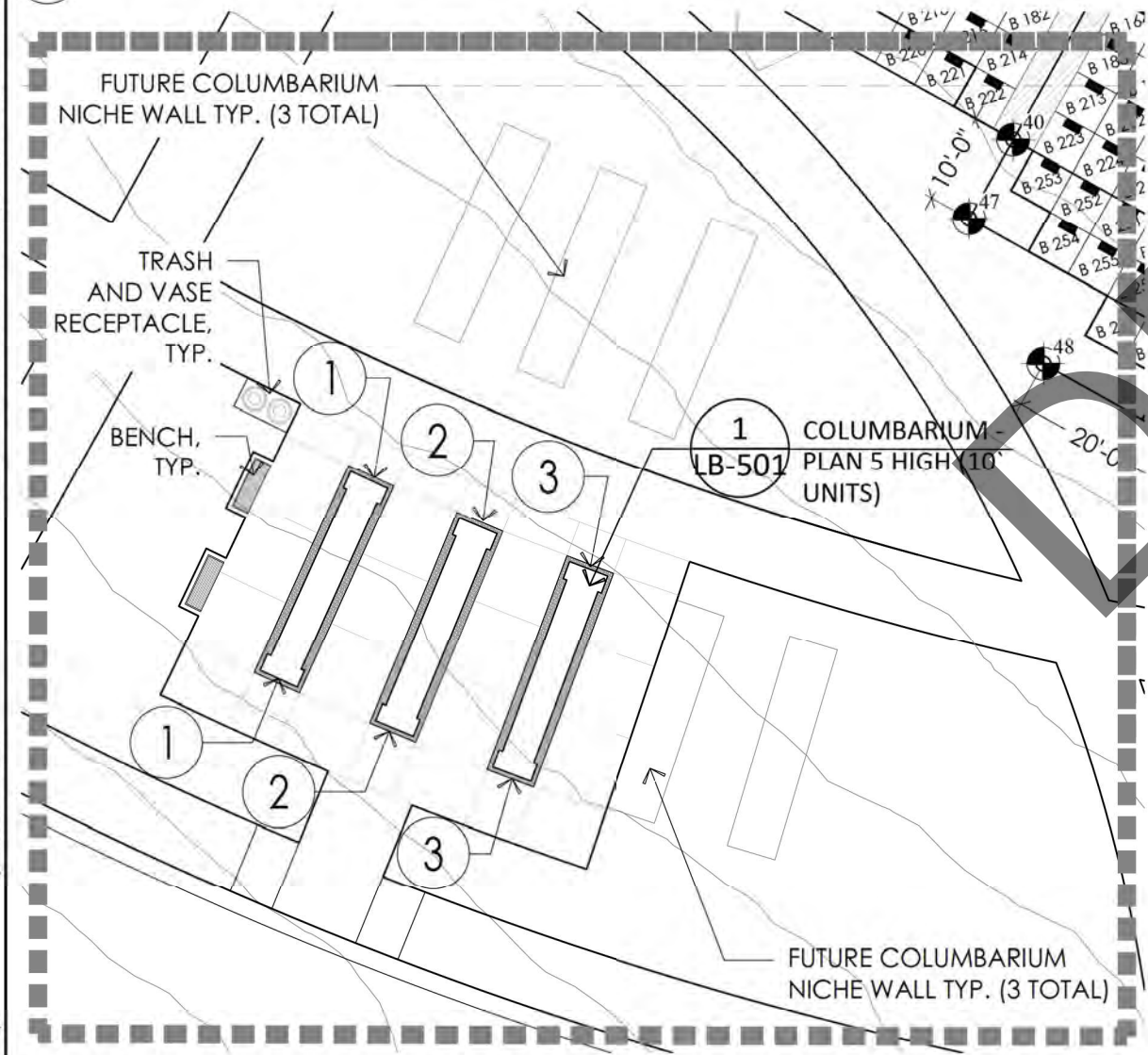
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES

DRAFT SUBMITTAL

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A MEMORIAL WALL BURIAL LAYOUT ENLARGEMENT

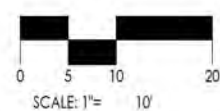


B COLUMBARIUM WALL BURIAL LAYOUT ENLARGEMENT

LEGEND

- HEADSTONE TO FACE IN DIRECTION OF ARROW
- BURIAL SECTION MARKERS
- GRAVE SURVEY MONUMENT MARKERS
- F406 GRAVE NUMBER SECTION NUMBER
- XX BURIAL SECTION MARKER NUMBER OR COLUMBARIUM WALL NUMBER
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- FUTURE BURIAL FIELD BOUNDARY
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95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PP XX: DMVA XX
BURIAL LAYOUT - COLUMBARIUM &
MEMORIAL WALL ENLARGEMENT

SCALE: 1" = 20'
DRAWN BY: BMN
PROJ. MGR.: MKW
ENGINEER:
DATE: 06/30/25

SHEET NO:
LB 401
45 of 130

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE



DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1011 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

SPECIALTY DRAWINGS
PREPARED BY
G BROWN DESIGN, INC.
675 E. 10TH ST. SUITE #10
MURRAY, UT 84123

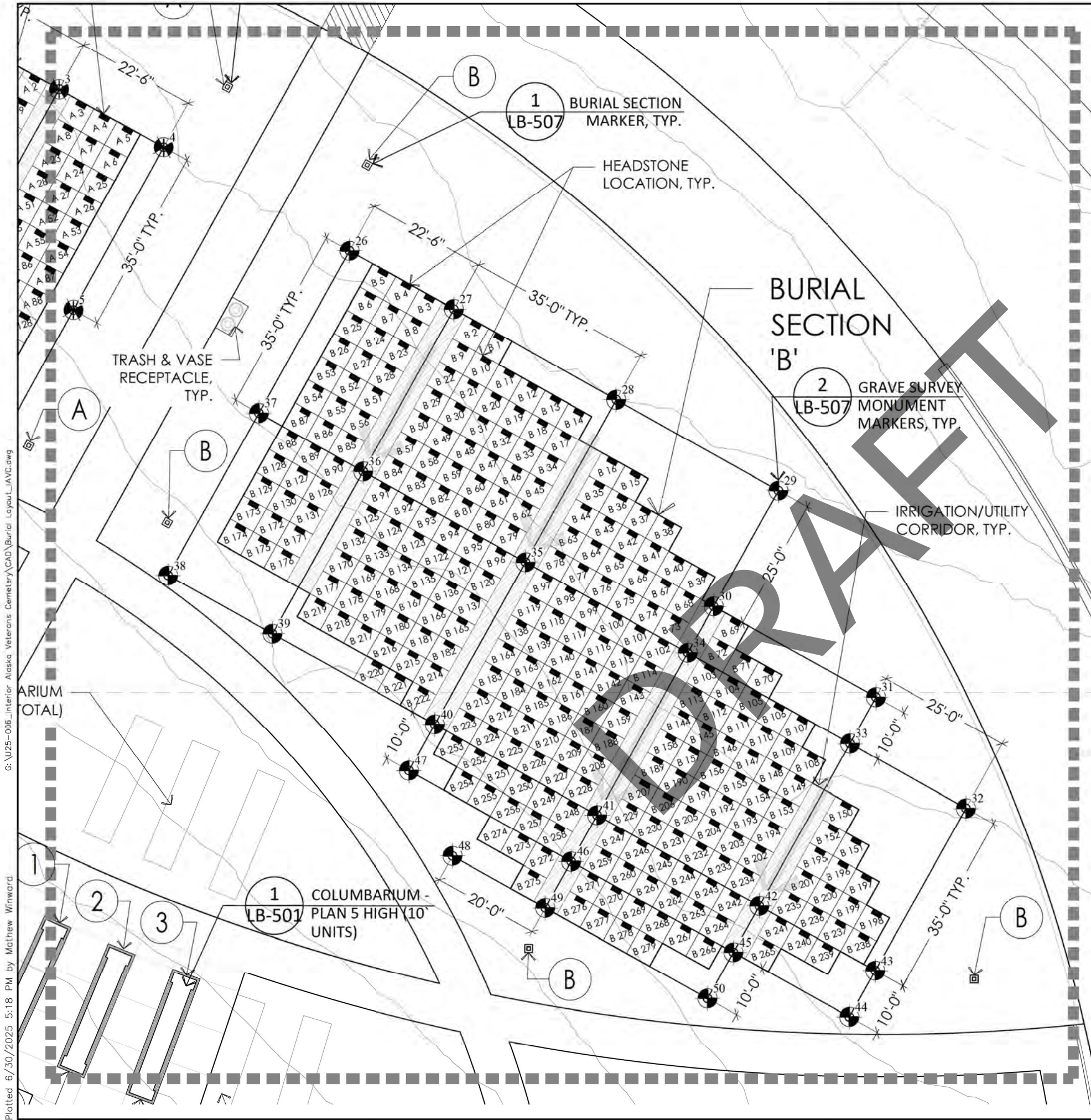
NOTE

DATE

DRAFT SUBMITTAL

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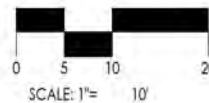
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NORTHING/EASTING POINT SCHEDULE

POINT	DESCRIPTION	NORTHING	EASTING
1		N 3853268.79	E 1497294.78
2		N 3853251.82	E 1497325.39
3		N 3853234.85	E 1497356.00
4		N 3853223.92	E 1497375.69
5		N 3853193.33	E 1497358.71
6		N 3853204.24	E 1497339.03
7		N 3853221.21	E 1497308.42
8		N 3853246.92	E 1497282.66
9		N 3853238.18	E 1497277.81
10		N 3853263.89	E 1497252.05
11		N 3853255.15	E 1497247.20
12		N 3853267.27	E 1497225.33
13		N 3853236.66	E 1497208.36
14		N 3853224.54	E 1497230.23
15		N 3853207.57	E 1497260.84
16		N 3853190.60	E 1497291.45
17		N 3853173.63	E 1497322.06
18		N 3853162.72	E 1497341.74
19		N 3853181.85	F 1497286.60
20		N 3853180.38	E 1497268.63
21		N 3853198.82	E 1497255.99
22		N 3853190.07	E 1497251.14
23		N 3853215.79	E 1497225.38
24		N 3853207.04	E 1497220.53
25		N 3853227.91	E 1497203.52
26		N 3853204.45	E 1497410.69
27		N 3853193.47	E 1497430.33
28		N 3853176.40	E 1497460.88
29		N 3853159.32	E 1497491.43
30		N 3853137.50	E 1497479.24
31		N 3853120.42	E 1497509.79
32		N 3853099.50	E 1497526.73
33		N 3853111.69	E 1497504.91
34		N 3853128.77	E 1497474.36
35		N 3853145.85	E 1497443.80
36		N 3853162.92	E 1497413.25
37		N 3853173.90	E 1497393.61
38		N 3853143.35	E 1497376.54
39		N 3853132.37	E 1497396.18
40		N 3853115.29	E 1497426.73
41		N 3853098.22	E 1497457.28
42		N 3853081.14	E 1497487.83
43		N 3853068.94	E 1497509.66
44		N 3853060.22	E 1497504.78
45		N 3853072.41	E 1497482.95
46		N 3853089.49	E 1497452.40
47		N 3853106.56	E 1497421.85
48		N 3853090.52	E 1497430.06
49		N 3853080.78	E 1497447.52
50		N 3853063.68	E 1497478.07
51		N 3852979.71	E 1497369.28
52		N 3852957.76	E 1497408.56
53		N 3852942.15	E 1497436.49
54		N 3852928.18	E 1497428.69
55		N 3852943.79	E 1497400.75
56		N 3852965.75	E 1497361.47
57		N 3852987.70	E 1497322.19
58		N 3853003.37	E 1497294.26
59		N 3852975.38	F 1497278.65
60		N 3852959.78	E 1497306.57
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62		N 3852915.86	E 1497385.14
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65		N 3852887.93	E 1497369.53
66		N 3852909.88	E 1497330.25
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68		N 3852947.45	E 1497263.04
69		N 3853001.61	E 1497297.32
70		N 3852972.00	E 1497366.69
71		N 3852957.36	E 1497392.87
72		N 3852964.35	E 1497396.78
73		N 3852943.85	E 1497433.44
74		N 3852936.38	E 1497430.41
75		N 3852906.70	E 1497413.82
76		N 3852908.66	E 1497410.33
77		N 3852882.47	E 1497395.69
78		N 3852951.26	E 1497272.61
79		N 3852970.90	E 1497283.59
80		N 3852972.85	E 1497280.10
81		N 3852995.11	E 1497292.54



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IACV)

BURIAL LAYOUT PLAN

BURIAL SECTION B ENLARGEMENT

DOT/PP XX: DMVA XX

SCALE: 1"= 20'

DRAWN BY: BMN

PROJ. MGR: MKW

ENGINEER

DATE: 06/30/25

SHEET NO: LB 402

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DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES

DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

SPECIALTY DRAWINGS PREPARED BY: G BROWN DESIGN, INC. 675 E. MAIN ST. SUITE #100 MURRAY, UT 84658

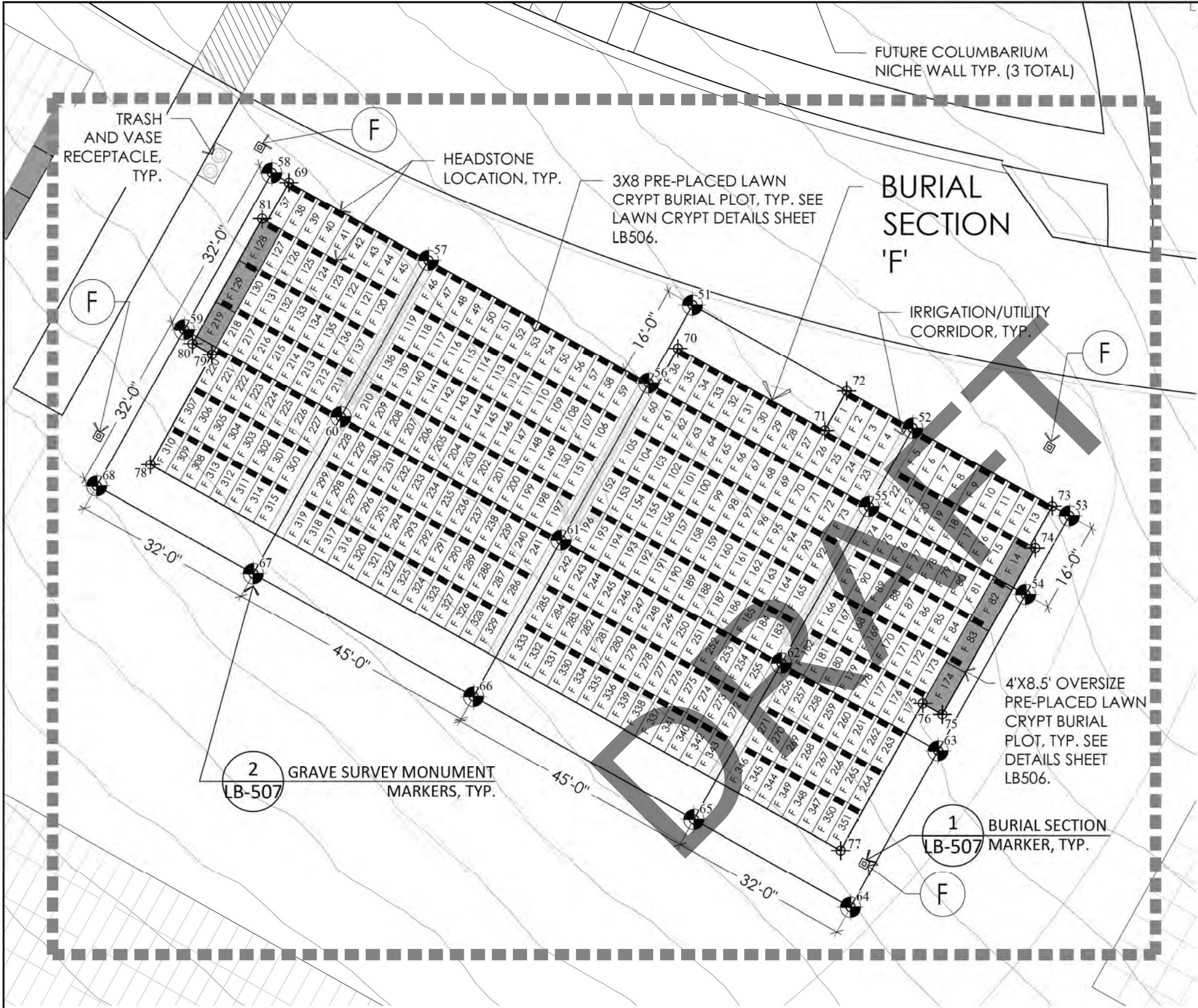
DRAWINGS PREPARED BY: R&M CONSULTANTS, INC. 301 S. VANADYAS DRIVE ANCHORAGE, AK 99507

DRAFT SUBMITTAL

DATE	NOTE

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Plotted 6/30/2025 5:18 PM by Mathew Winward



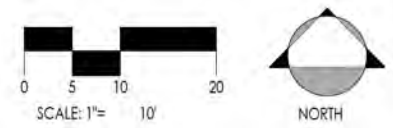
LEGEND

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6		N 3853204.24	E 1497339.03
7		N 3853221.21	E 1497308.42
8		N 3853246.92	E 1497282.66
9		N 3853238.18	E 1497277.81
10		N 3853263.89	E 1497252.05
11		N 3853255.15	E 1497247.20
12		N 3853267.27	E 1497225.33
13		N 3853236.66	E 1497208.36
14		N 3853224.54	E 1497230.23
15		N 3853207.57	E 1497260.84
16		N 3853190.60	E 1497291.45
17		N 3853173.63	E 1497322.06
18		N 3853162.72	E 1497341.74
19		N 3853181.85	E 1497286.60
20		N 3853180.38	E 1497268.63
21		N 3853198.82	E 1497255.99
22		N 3853190.07	E 1497251.14
23		N 3853215.79	E 1497225.38
24		N 3853207.04	E 1497220.53
25		N 3853227.91	E 1497203.52
26		N 3853204.45	E 1497410.69
27		N 3853193.47	E 1497430.33
28		N 3853176.40	E 1497460.88
29		N 3853159.32	E 1497491.43
30		N 3853137.50	E 1497479.24
31		N 3853120.42	E 1497509.79
32		N 3853099.50	E 1497526.73
33		N 3853111.69	E 1497504.91
34		N 3853128.77	E 1497474.36
35		N 3853145.85	E 1497443.80
36		N 3853162.92	E 1497413.25
37		N 3853173.90	E 1497393.61
38		N 3853143.35	E 1497376.54
39		N 3853132.37	E 1497396.18
40		N 3853115.29	E 1497426.73
41		N 3853098.22	E 1497457.28
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69		N 3853001.61	E 1497297.32
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71		N 3852957.36	E 1497392.87
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79		N 3852970.90	E 1497283.59
80		N 3852972.85	E 1497280.10
81		N 3852995.11	E 1497292.54



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

BURIAL LAYOUT PLAN

BURIAL SECTION F ENLARGEMENT

DOT/PP XX: DMVA XX

SCALE: 1"=20'

DRAWN BY: BMN

PROJ. MGR: MKW

ENGINEER:

DATE: 06/30/25

SHEET NO: LB 403

47 of 130

DRAFT SUBMITTAL

NOTE

DATE

SPECIALTY DRAWINGS PREPARED BY: G BROWN DESIGN, INC. 675 E. MAIN ST. SUITE #10 MURRAY, UT 84658

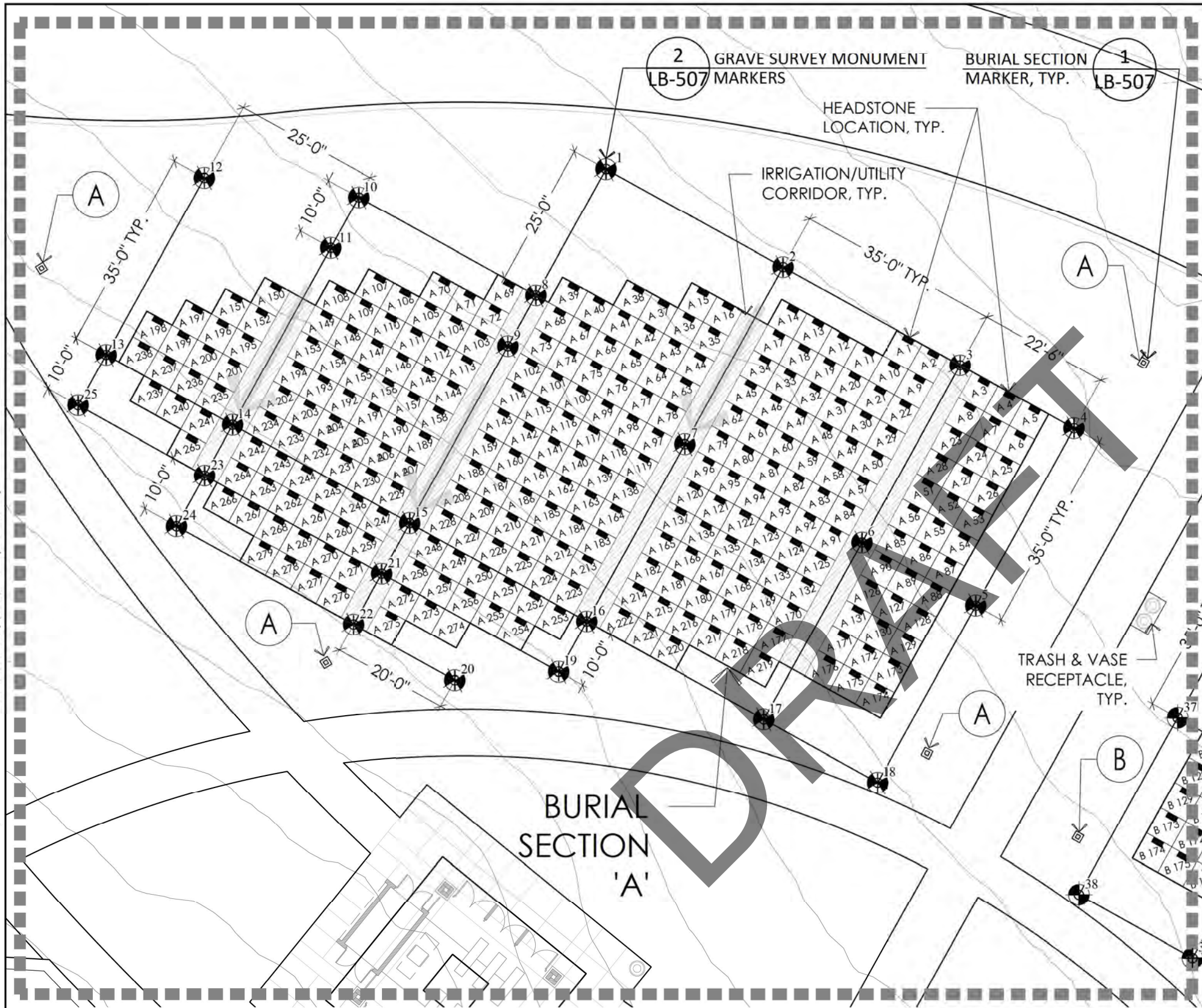
DRAWINGS PREPARED BY: R&M CONSULTANTS, INC. 403 VANADUR DRIVE ANCHORAGE, AK 99507

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES

DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE

G:\U25-006_Interior Alaska Veterans Cemetery\CAD\Burial Layout_LAVC.dwg

Plotted 6/30/2025 5:19 PM by Mathew Winward



BURIAL SECTION 'A' - BID ALT. #5 - STATE FUNDED BID ITEM
ALTERNATE ONLY INCLUDES BURIAL SECTION MARKERS AND GRAVE
SURVEY MONUMENTS. LAWN IS PART OF GRANT FUNDED BASE BID.

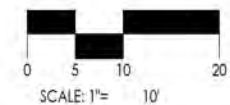
LEGEND

- HEADSTONE TO FACE IN DIRECTION OF ARROW
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34		N 3853128.77	E 1497474.36
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46		N 3853089.49	E 1497452.40
47		N 3853106.56	E 1497421.85
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52		N 3852957.76	E 1497408.56
53		N 3852942.15	E 1497436.49
54		N 3852928.18	E 1497428.69
55		N 3852943.79	E 1497400.75
56		N 3852965.75	E 1497361.47
57		N 3852987.70	E 1497322.19
58		N 3853003.37	E 1497294.26
59		N 3852975.38	E 1497278.65
60		N 3852959.78	E 1497306.57
61		N 3852937.82	E 1497345.86
62		N 3852915.86	E 1497385.14
63		N 3852900.25	E 1497413.12
64		N 3852872.31	E 1497397.46
65		N 3852887.93	E 1497369.53
66		N 3852909.88	E 1497330.25
67		N 3852931.84	E 1497290.97
68		N 3852947.45	E 1497263.04
69		N 3853001.61	E 1497297.32
70		N 3852972.00	E 1497366.69
71		N 3852957.36	E 1497392.87
72		N 3852964.35	E 1497396.78
73		N 3852943.85	E 1497433.44
74		N 3852936.38	E 1497430.41
75		N 3852906.70	E 1497413.82
76		N 3852908.66	E 1497410.33
77		N 3852882.47	E 1497395.69
78		N 3852951.26	E 1497272.61
79		N 3852970.90	E 1497283.59
80		N 3852972.85	E 1497280.10
81		N 3852995.11	E 1497292.54



DRAFT SUBMITTAL

DATE	NOTE

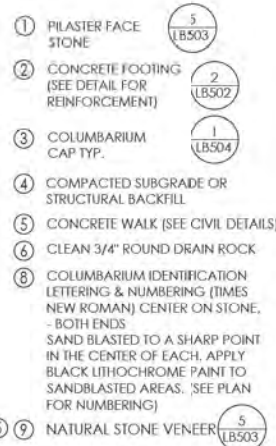
SPECIALTY DRAWINGS
PREPARED BY
G BROWN DESIGN, INC.
675 E. MAIN ST. SUITE #10
MURRAY, UT 84659

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
3015 VANNUSS DRIVE
ANCHORAGE, AK 99507

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MAINTENANCE OFFICE



95% DESIGN
INTERIOR ALASKA VETERANS
CEMETERY (IACV)
DOT/PP XX: DMVA XX
BURIAL LAYOUT PLAN
BURIAL SECTION A ENLARGEMENT
SCALE: 1"= 20'
DRAWN BY: BMN
PROJ. MGR.: MKW
ENGINEER
DATE: 06/30/25
SHEET NO:
LB 404
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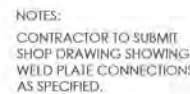
1 COLUMBARIUM -PILASTER END ELEVATION - 5 HIGH



2 COLUMBARIUM - PILASTER END SECTION - 5 HIGH



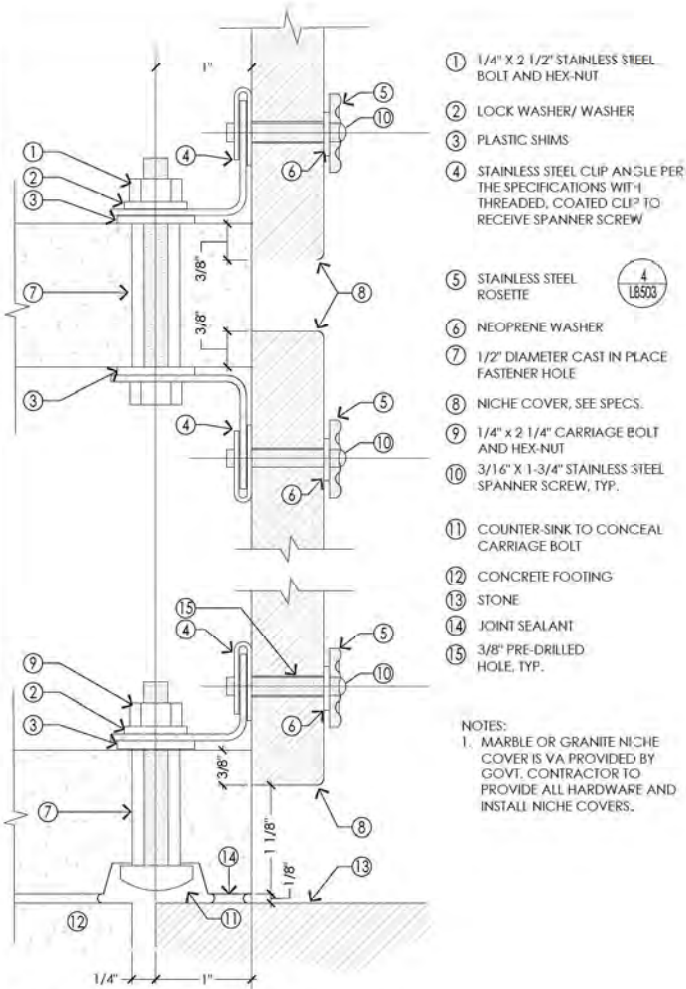
3 COLUMBARIUM - CAP PLAN 5 HIGH (10' UNITS)
NTS



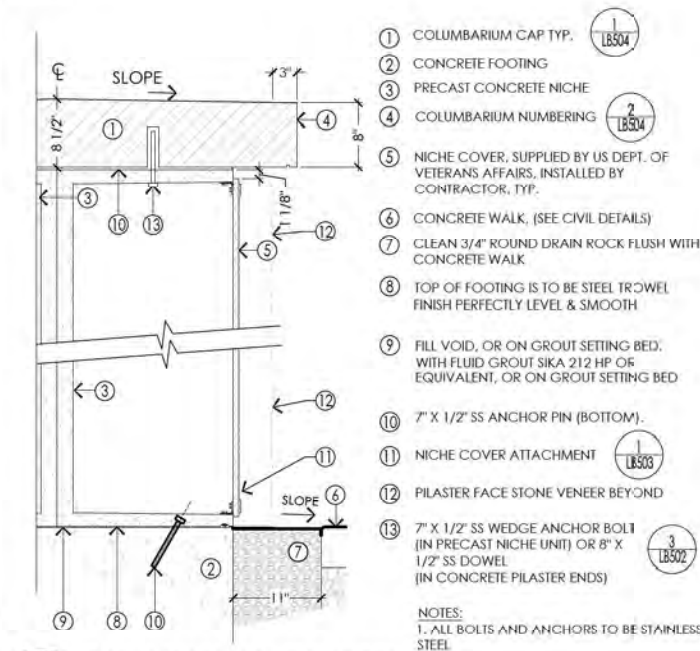
4 COLUMBARIUM WALL - WELD PLATE



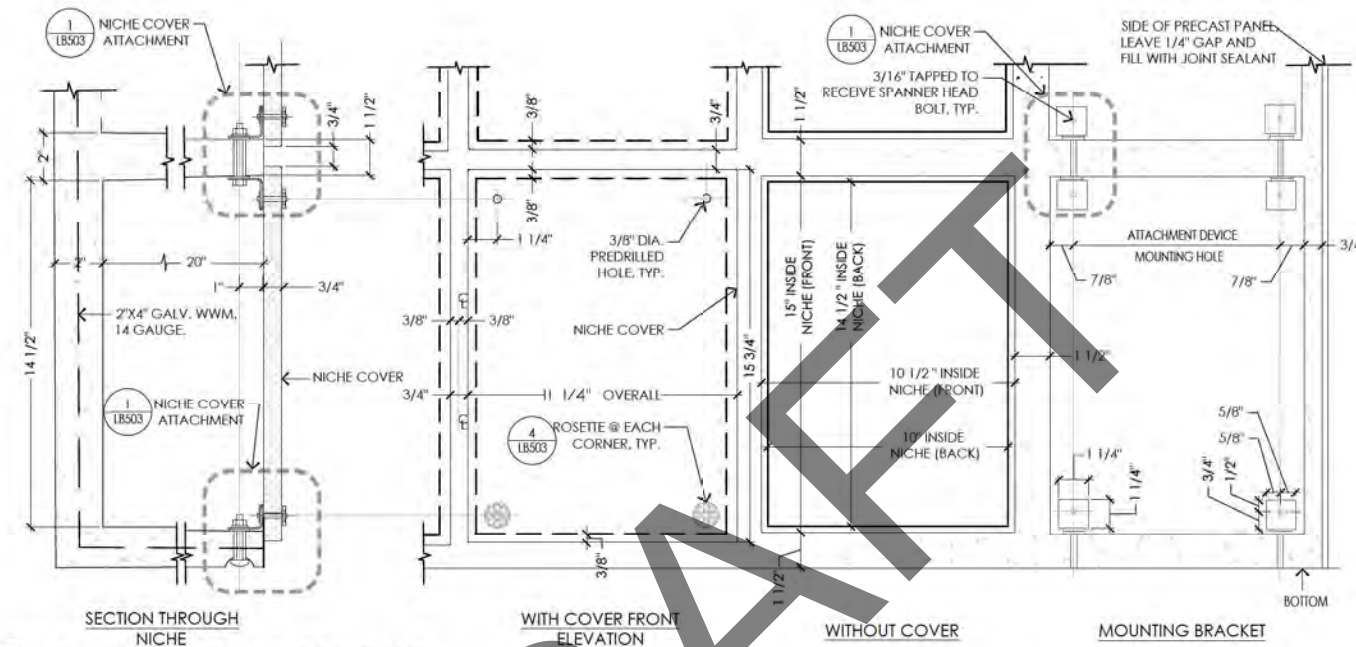
5 NICHE CORNER ENLARGEMENTS



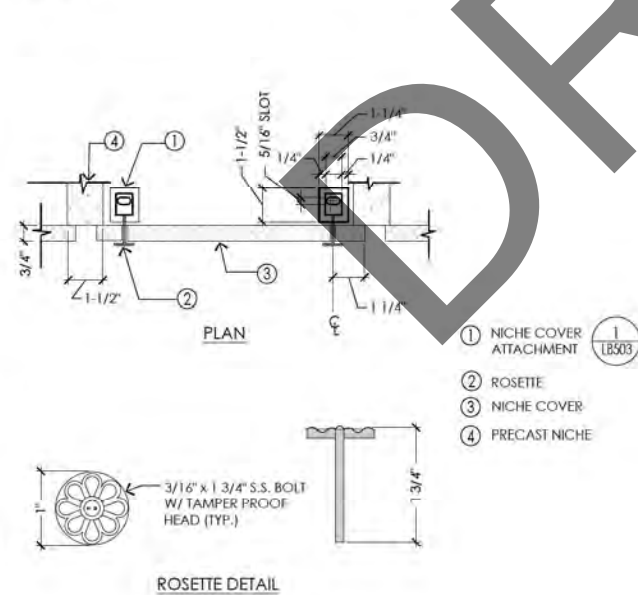
1 NICHE COVER ATTACHMENT
NTS



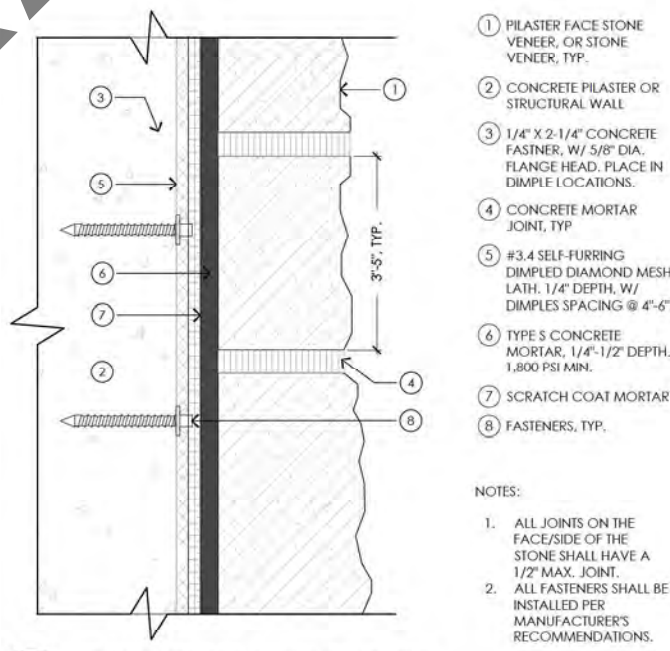
3 COLUMBARIUM - ENLARGEMENT
NTS



2 COLUMBARIUM NICHE SECTIONS
NTS



4 COLUMBARIUM WALL ROSETTE
NTS



5 STONE VENEER MOUNTING, TYP.
NTS

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IACV)
DOT/PP XX: DMVA XX

COLUMBARIUM DETAILS

SCALE:
DRAWN BY: BMN
PROJ. MGR.: MKW
ENGINEER:
DATE: 06/30/25

SHEET NO:
LB 503
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DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

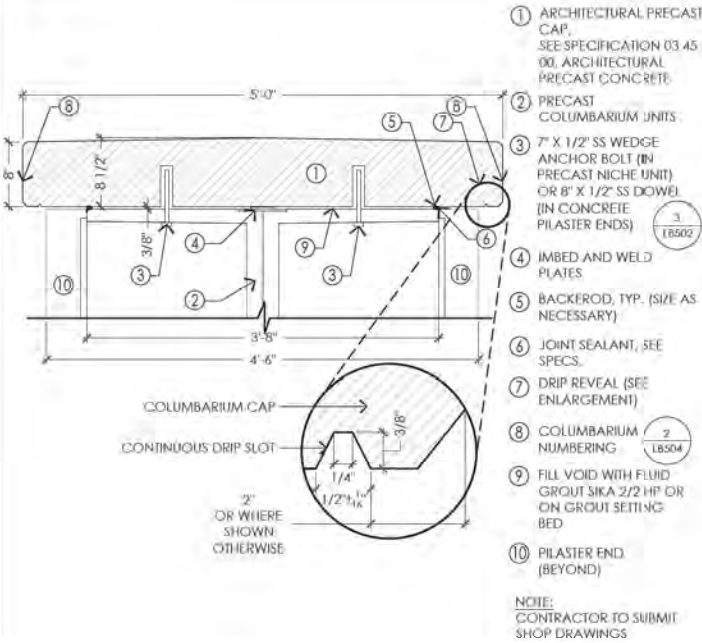
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1815 VANADUR DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY
G BROWN DESIGN, INC.
635 E. 5TH ST. SUITE #10
MURRAY, UT 84129

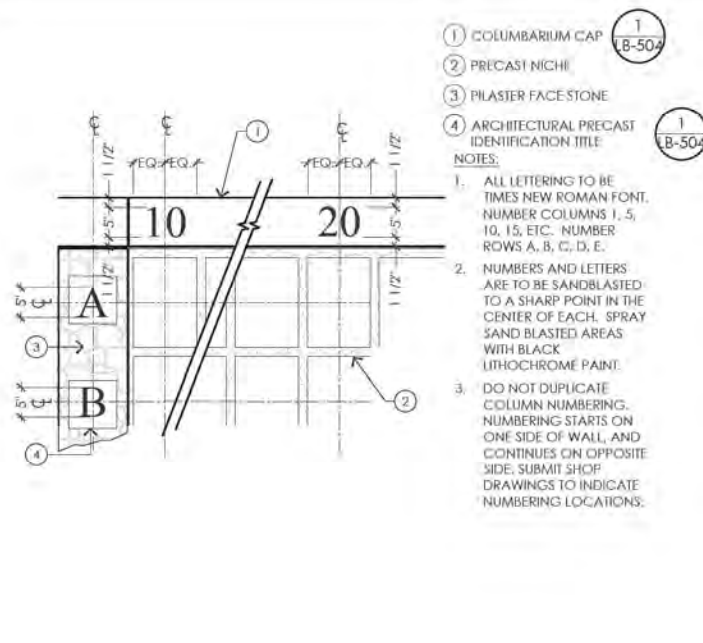
DATE

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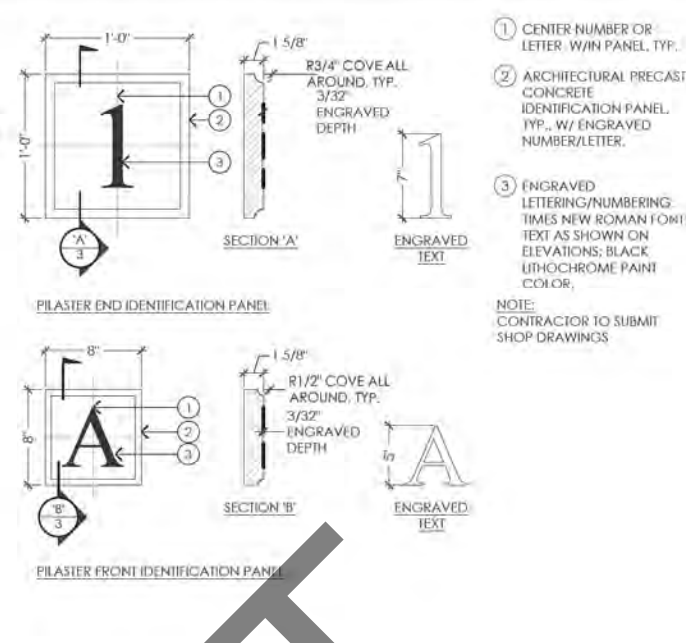
DRAFT SUBMITTAL



1 COLUMBARIUM - CAP
NTS

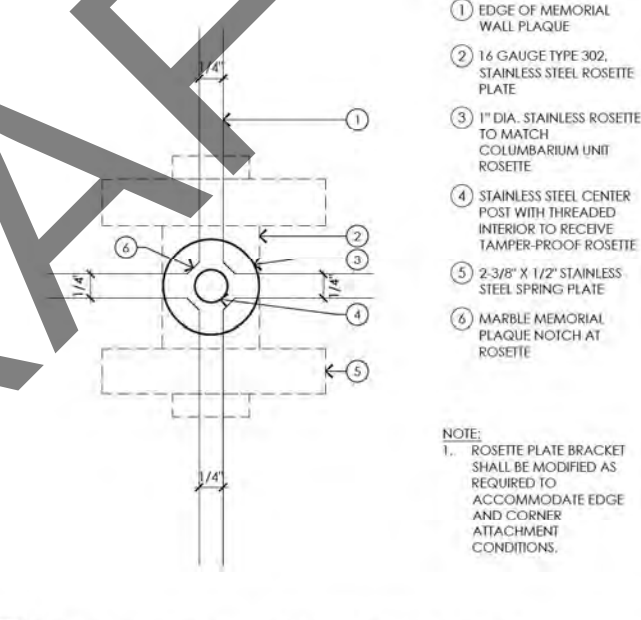
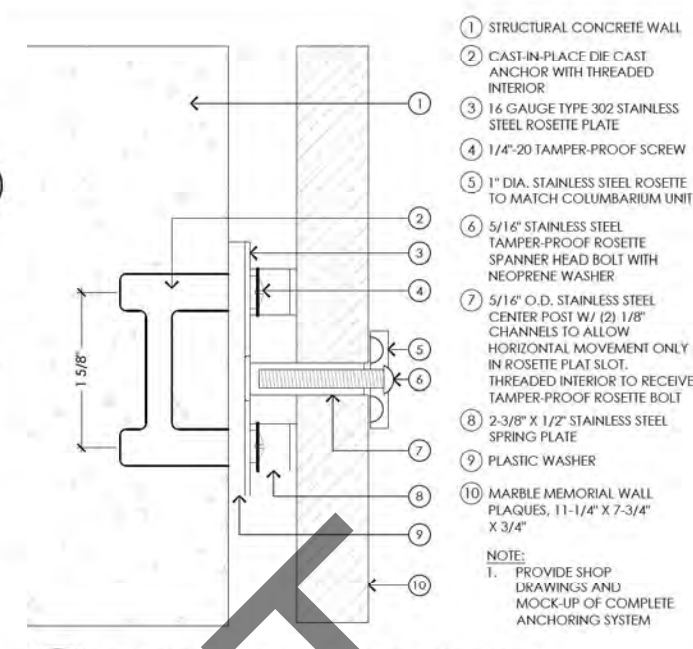
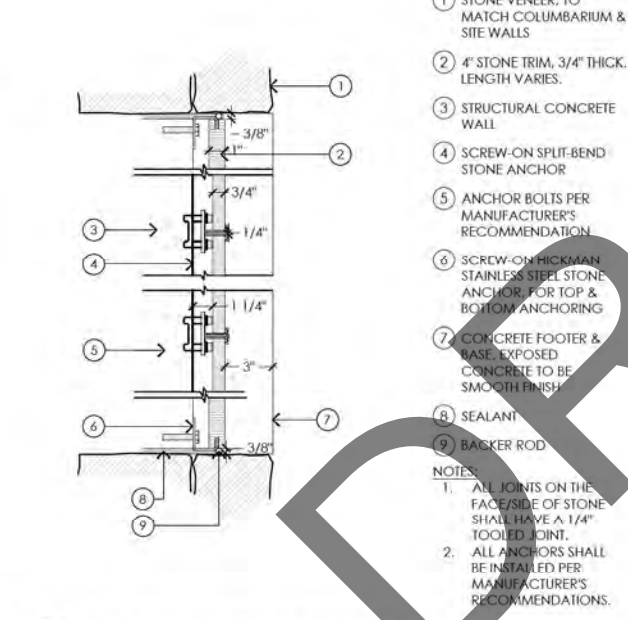
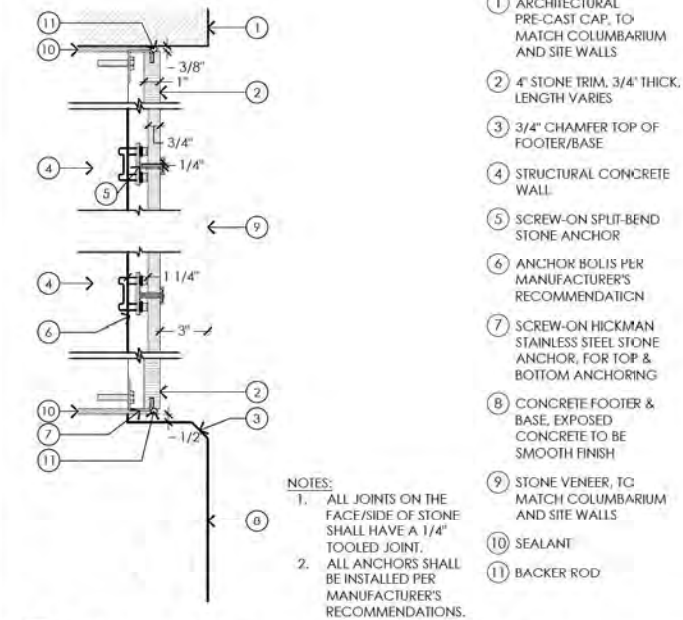
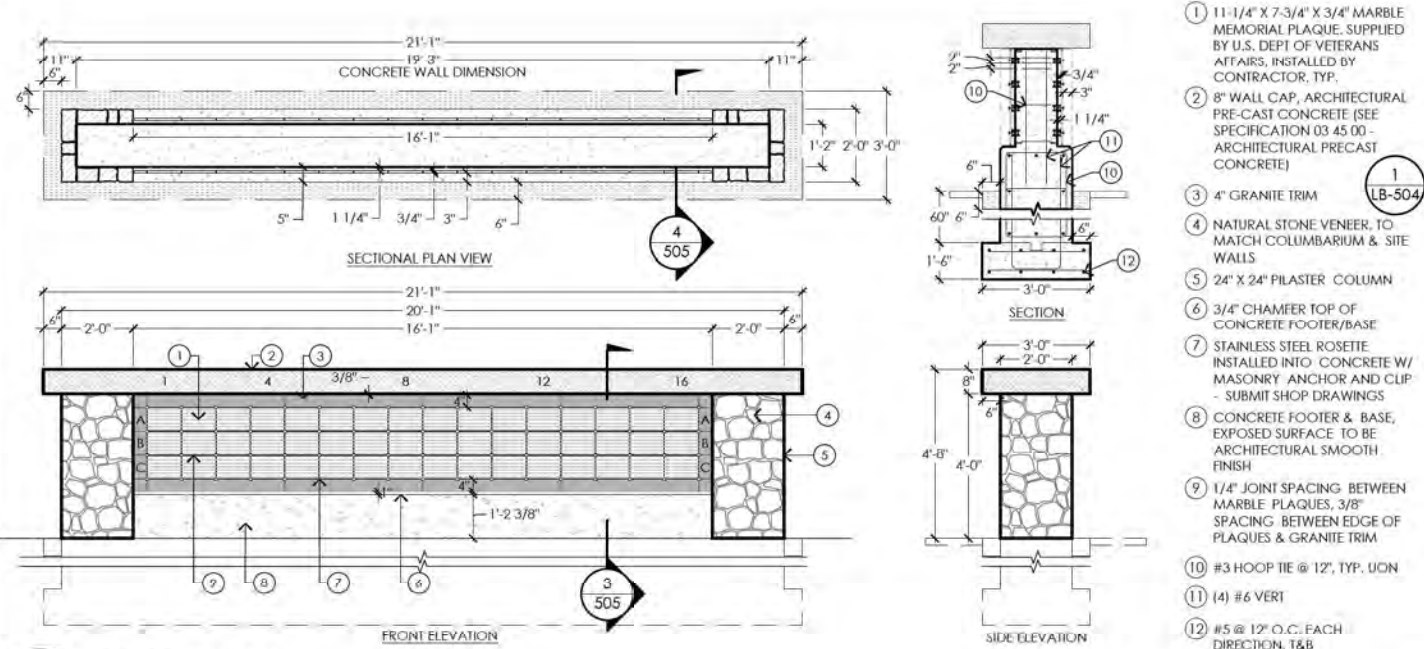


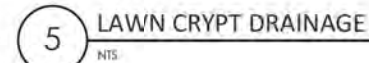
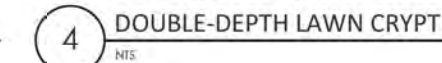
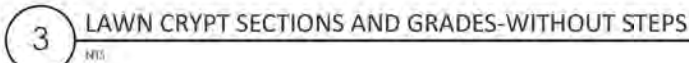
2 COLUMBARIUM NUMBERING
NTS



3 IDENTIFICATION PANELS
NTS

DRAFT

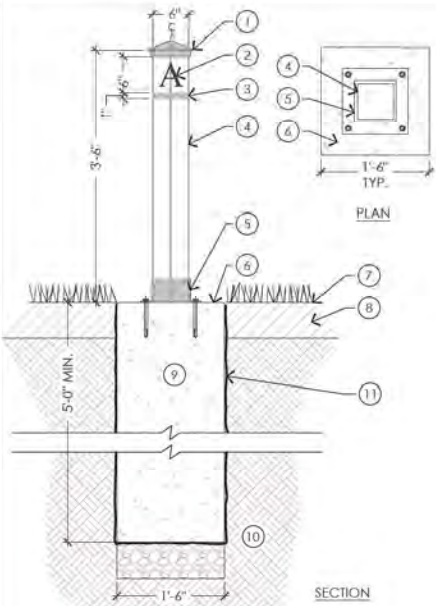




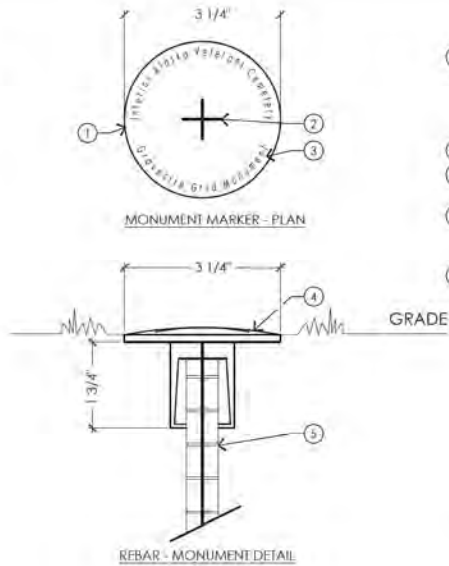
1. LAYOUT OF DOUBLE-DEPTH CRYPTS SHALL BE BASED UPON THE LOCATIONAL DATA FOR THE GRAVESITE SURVEY MONUMENTS PROVIDED ON BURIAL LAYOUT PLANS. SEE THIS SHEET FOR ADDITIONAL CRYPT LAYOUT INFORMATION. THE ACTUAL PLACEMENT OF THE GRAVESITE MONUMENT MARKERS SHALL OCCUR AFTER THE PLACEMENT OF ALL CRYPTS. TO ENSURE ACCURATE MONUMENT PLACEMENT, CONTRACTOR SHALL RE-LOCATE MONUMENTS IN THE PROXIMITY OF EACH MONUMENT TO EXPOSE THE CRYPT LIDS. MONUMENT PLACEMENT MUST BE BASED UPON THE ACTUAL INSTALLED CRYPT LOCATIONS. ANY DEVIATIONS (FROM THE PLANS) MUST BE RECORDED ON THE RECORD DRAWINGS.

1. REINFORCED CONCRETE DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE AC 318-19. "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AND SPECIFICATION SECTION 034821, PRECAST CONCRETE DOUBLE DEPTH LAWN CRYPTS".
2. DESIGN LOAD REQUIREMENTS OF THE TOP LID, CRYPT BOX, AND INTERMEDIATE SHELF: REFER TO SPECIFICATION SECTION 034821, PRECAST CONCRETE DOUBLE DEPTH LAWN CRYPTS.
3. CONTRACTOR SHALL PROVIDE DESIGN INFORMATION AND SHOP DRAWINGS, FROM PRECAST FABRICATOR FOR APPROVAL. REFER TO SPECIFICATION SECTION 034821, PRECAST CONCRETE DOUBLE DEPTH LAWN CRYPTS.
4. CRYPTS SHALL BE LOCATED AS SHOWN ON PLANS AND AS PER DETAIL THIS SHEET.

95% DESIGN		INTERIOR ALASKA VETERANS CEMETERY (IAVC)		DOT/PE XX; DMVA XX		LAWN CRYPT DETAILS	
SCALE							
DRAWN BY:		BMN					
PROJ MGR:		MKW					
ENGINEER							
DATE:		06/30/25					
SHEET NO: LB 506 54 of 130							
 DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE				DRAWINGS PREPARED BY: RAM CONSULTANTS INC. 3101 WASHINGTON AVE. ANCHORAGE, AK 99507		SPECIALITY/DRAWINGS PREPARED BY: G BROWN DESIGN, INC. 608 E. WINE ST., SUITE # 40 MURRAY, UT 84124	
DATE				NOTE			
DRAFT SUBMITTAL							



- 1 SQUARE METAL POST CAP. CAP TO BE PAINTED BLACK TO MATCH BAND AND SLEEVE
- 2 METAL LETTERING ALL FOUR SIDES. TEXT SIZE & STYLE TO BE 4" TIMES NEW ROMAN WITH BLACK PAINT TO MATCH POST CAP AND SLEEVE (SEE SPECS). SUBMIT SHOP DRAWING
- 3 1" METAL BAND TO MATCH POST CAP AND POST SLEEVE
- 4 6"x6" CEDAR POST
- 5 1/4" STEEL PLATE WITH POST SLEEVE BOLTED TO CONCRETE FOOTING WITH 1/2"x6" BOLTS
- 6 CONCRETE MOW COLLAR SLOPED TO DRAIN AWAY FROM COLUMN
- 7 FINISHED GRADE
- 8 TOPSOIL/MULCH
- 9 CONCRETE FOOTING
- 10 UNDISTURBED OR PREPARED SUBGRADE
- 11 WRAP CONCRETE FOOTING IN VAPOR BARRIER PLASTIC SHEETING



- 1 FORGED ALUMINUM DOMED-TOP MONUMENT WITH 3/4" DIAMETER SPLIT STYLE STEM AND INTEGRAL LOCATION MAGNET
- 2 ENGRAVED CROSS HAIRS
- 3 REQUIRED TEXT ENGRAVED ON CAP
- 4 ALUMINUM REBAR CAP. IMPRINT AS SHOWN, MOUNT ON REBAR
- 5 3/4" NO. 6 REBAR, 18" LONG FOR CRYPTS, 24" LONG FOR OTHER GRAVE SECTIONS

NOTES:
1. PROVIDE 20 ADDITIONAL REBAR AND MONUMENT MARKERS TO THE CEMETERY DIRECTOR.

1 BURIAL SECTION MARKER, TYP.
NTS

2 GRAVE SURVEY MONUMENT MARKERS
NTS

DRAFT

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IFV XX: DMVA XX

BURIAL MARKER DETAILS

SCALE
DRAWN BY: BWN
PROJ. MGR: MKW
ENGINEER:
DATE: 06/30/25

SHEET NO:
LB 507

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MAINTENANCE OFFICE

DRAWINGS PREPARED BY:
R&M CONSULTANTS, INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY:
G BROWN DESIGN, INC.
501 E. UNIV. ST. SUITE #111
ANCHORAGE, AK 99507

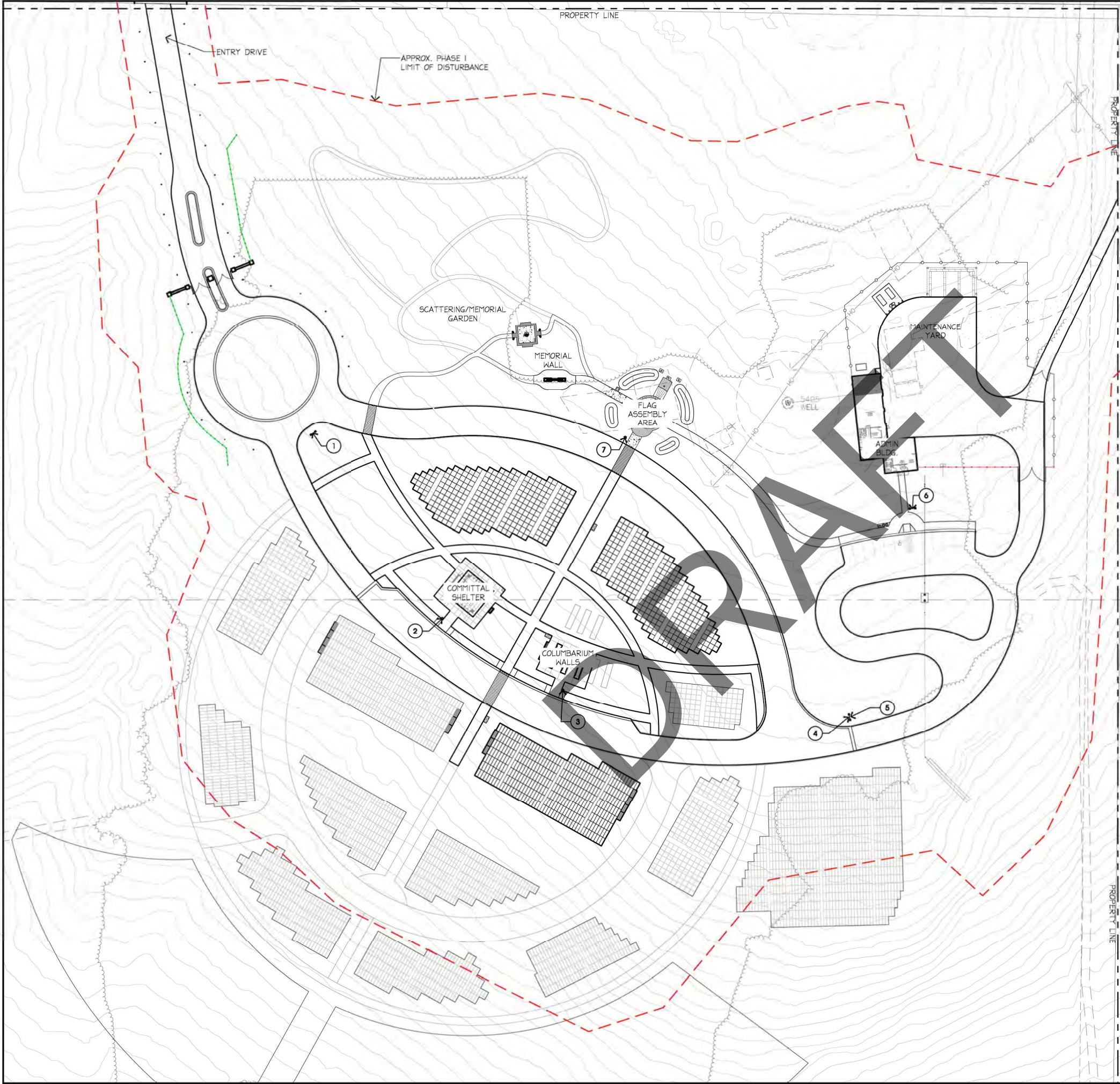
DATE

NOTE

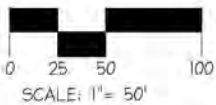
DRAFT SUBMITTAL

G:\U25-006_Interior Alaska Veterans Cemetery\CAD\Wayfinding Signage Plan.dwg

Plotted 6/30/2025 5:39 PM by Mathew Winward



CODE	DESCRIPTION
①	DOUBLE POST, WAYFINDING SIGN, SIGN PANEL 7 (SEE DETAIL 3 & 4/SHEET LW501 & DETAIL 2/SHEET LW502)
②	SINGLE POST, IDENTIFICATION SIGN, SIGN PANEL 1 (SEE DETAIL 1 & 2/SHEET LW501 & DETAIL 1/SHEET LW502)
③	SINGLE POST, IDENTIFICATION SIGN, SIGN PANEL 2 (SEE DETAIL 1 & 2/SHEET LW501 & DETAIL 1/SHEET LW502)
④	DOUBLE POST, WAYFINDING SIGN, SIGN PANEL 3 (SEE DETAIL 3 & 4/SHEET LW501 & DETAIL 2/SHEET LW502)
⑤	DOUBLE POST, WAYFINDING SIGN, SIGN PANEL 6 (SEE DETAIL 3 & 4/SHEET LW501 & DETAIL 2/SHEET LW502)
⑥	DOUBLE POST, IDENTIFICATION SIGN, SIGN PANEL 4 (SEE DETAIL 3 & 4/SHEET LW501 & DETAIL 1/SHEET LW502)
⑦	SINGLE POST, IDENTIFICATION SIGN, SIGN PANEL 3 (SEE DETAIL 1 & 2/SHEET LW501 & DETAIL 1/SHEET LW502)



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PP XX: DMVA XX

WAYFINDING SIGNAGE PLAN

SCALE:	1" = 50'
DRAWN BY:	BMN
PROJ. MGR:	MKW
ENGINEER:	
DATE:	06/30/25

SHEET NO:
LW 100
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PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1615 UNIVERSITY DRIVE
ANCHORAGE, AK 99501

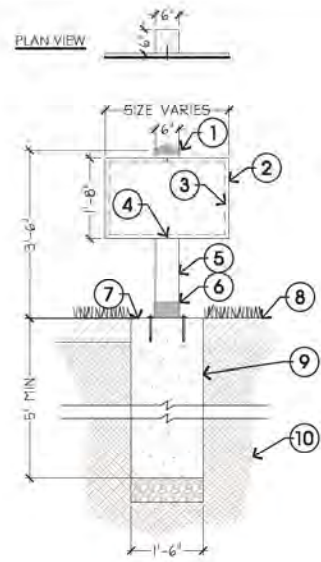
SPECIALTY DRAWINGS
PREPARED BY
G BROWN DESIGN, INC.
635 E. MAIN ST. SUITE #10
MURRAY, UT 84123

DATE	NOTE

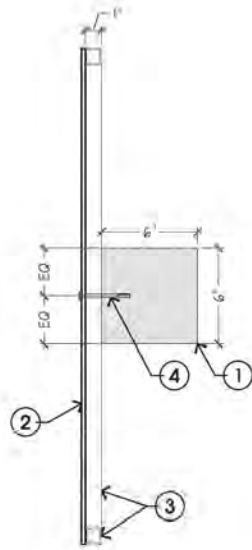
DRAFT SUBMITTAL

U:\25-006_Interior Alaska Veterans Cemetery\CAD\Wayfinding Signage Plan.dwg

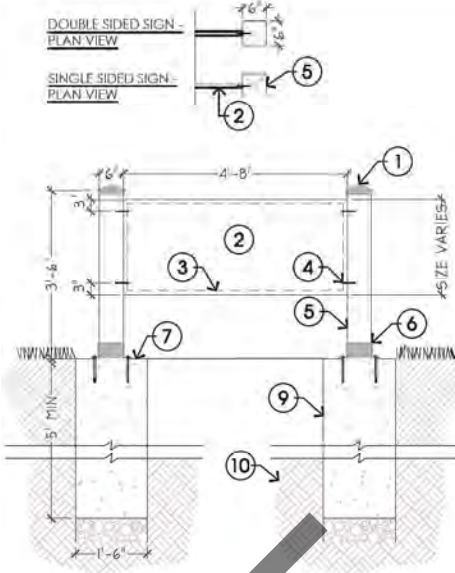
Plotted 6/30/2025 5:40 PM by Mathew Winward



- 1 SQUARE METAL POST CAP TO MATCH MONUMENT MARKER POSTS
- 2 PAINTED ALUMINUM SIGN PANEL WITH REFLECTIVE VINYL TEXT, WELD TO FRAME
- 3 1" X 1" ALUMINUM TUBE FRAME
- 4 3/16" X 3" BOLTS
- 5 6" X 6" CEDAR POST
- 6 1/4" STEEL PLATE WITH POST SLEEVE BOLTED TO CONCRETE FOOTING WITH 1/2" X 6" BOLTS
- 7 CONCRETE MOW COLLAR SLOPED AWAY FROM COLUMN
- 8 FINISHED GRADE
- 9 CONCRETE FOOTING
- 10 UNDISTURBED OR PREPARED SUBGRADE



- 1 6" X 6" CEDAR POST TO MATCH MONUMENT SIGN POSTS
- 2 1/8" PAINTED ALUMINUM SIGN PANEL WITH REFLECTIVE VINYL TEXT, WELD TO FRAME, PAINT ALL EXPOSED SURFACES
- 3 1" X 1" ALUMINUM TUBE FRAME, 11 GAUGE, WITH MITERED CORNERS, PAINT ALL EXPOSED SURFACES TO MATCH SIGN PANEL
- 4 3/16" MINIMUM X 3" SS BOLT AND SHIELD

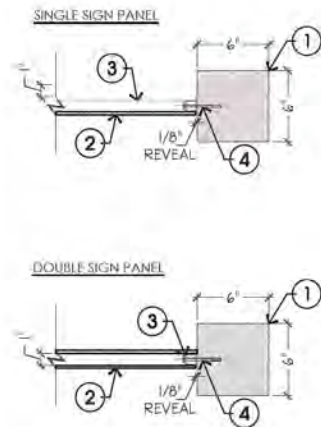


- 1 SQUARE METAL POST CAP TO MATCH MONUMENT MARKER POSTS
- 2 PAINTED ALUMINUM SIGN PANEL WITH REFLECTIVE VINYL TEXT, WELD TO FRAME
- 3 1" X 1" ALUMINUM TUBE FRAME
- 4 3/16" X 3" BOLTS
- 5 6" X 6" CEDAR POST
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- 7 CONCRETE MOW COLLAR SLOPED TO DRAIN AWAY FROM COLUMN
- 8 FINISHED GRADE
- 9 CONCRETE FOOTING
- 10 UNDISTURBED OR PREPARED SUBGRADE

1 SINGLE POST SIGN - ELEVATION
N/S

2 SINGLE POST SIGNS - SECTION
N/S

3 DOUBLE POST SIGN - ELEVATION
N/S



- 1 6" X 6" CEDAR POST TO MATCH MONUMENT SIGN POSTS
- 2 1/8" PAINTED ALUMINUM SIGN PANEL WITH REFLECTIVE VINYL TEXT, WELD TO FRAME, PAINT ALL EXPOSED SURFACES
- 3 1" X 1" ALUMINUM TUBE FRAME, 11 GAUGE, WITH MITERED CORNERS, PAINT ALL EXPOSED SURFACES TO MATCH SIGN PANEL
- 4 3/16" MINIMUM X 3" SS BOLT AND SHIELD

4 DOUBLE POST SIGNS - SECTION
N/S

DRAFT

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IIVC)
DOT/IF XX: DMVA XX
WAYFINDING SIGNAGE DETAILS

SCALE: 1" = 50'
DRAWN BY: BMN
PROJ MGR: MKW
ENGINEER:
DATE: 06/30/25
SHEET NO: LW-501
57 of 130

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

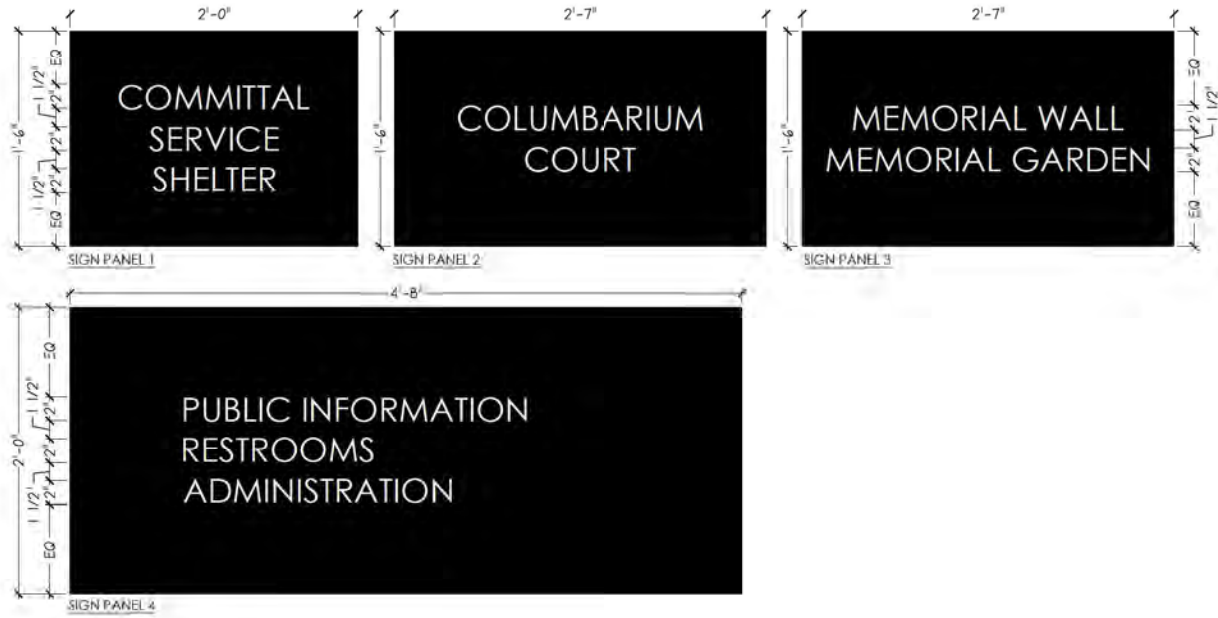


DRAWINGS PREPARED BY:
R&M CONSULTANTS, INC.
1111 UNIVERSITY DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY:
G BROWN DESIGN, INC.
501 E. UNIV. ST. SUITE #110
ANCHORAGE, AK 99507

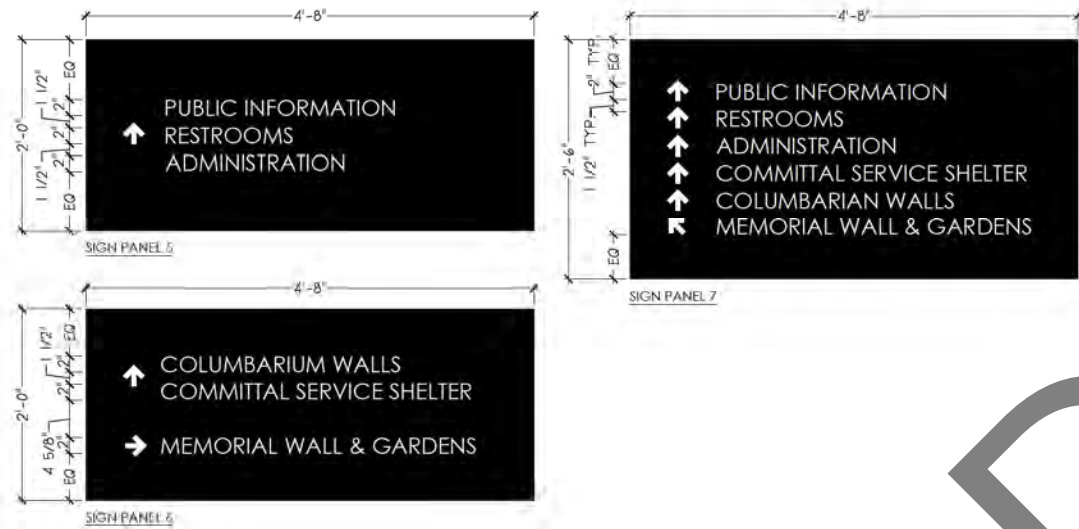
DATE: _____
NOTE: _____

DRAFT SUBMITTAL



1 IDENTIFICATION SIGNAGE

NTS



2 WAYFINDING SIGNAGE

NTS

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PP XX: DMVA XX
WAYFINDING SIGNAGE DETAILS

SCALE: 1" = 50'
DRAWN BY: BMN
PROJ. MGR: MKW
ENGINEER:
DATE: 06/30/25

SHEET NO:
LW-502
58 of 130



DEPARTMENT OF TRANSPORTATION AND
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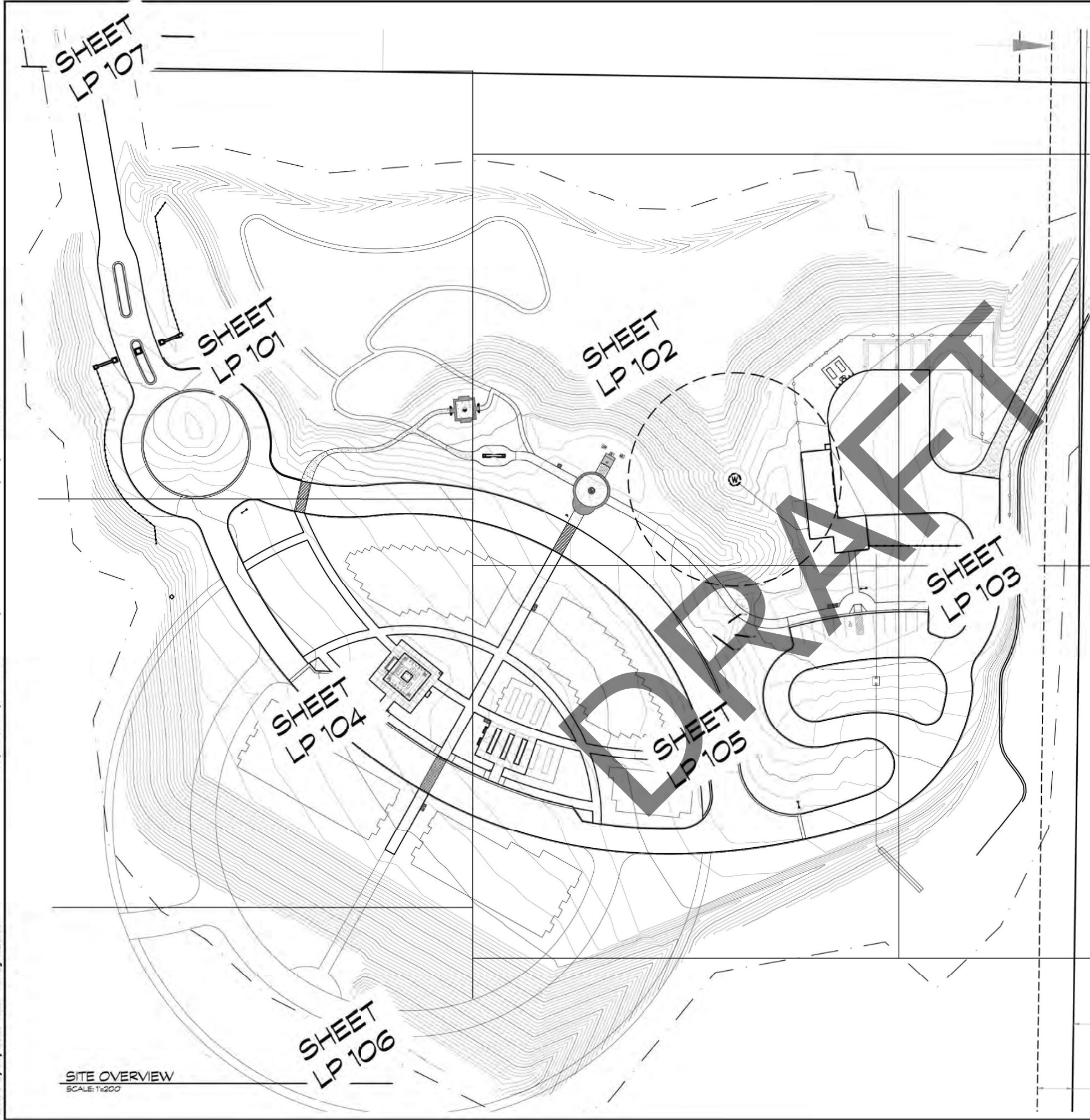
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
815 VANUARD DRIVE
ANCHORAGE, AK 99501

SPECIALTY DRAWINGS
PREPARED BY
G BROWN DESIGN, INC.
635 E. VINE ST. SUITE #10
MURRAY, UT 84123

DATE

NOTE

DRAFT SUBMITTAL



SITE OVERVIEW
SCALE: 1"=200'

GENERAL LANDSCAPE NOTES

1. CONTRACTORS SHALL CHECK, VERIFY AND STAKE, WHERE APPROPRIATE, ALL MEASUREMENTS, DIMENSIONS, LEVELS, PLAN ELEVATIONS, INVERTS, UTILITIES, ETC. PRIOR TO ORDERING MATERIALS AND/OR PROCEEDING WITH ALL WORK. CONTRACTORS ARE RESPONSIBLE FOR THE SAME AS ABOVE AND ANY CORRECTIVE WORK RESULTING FROM LACK OF VERIFICATION WILL BE AT CONTRACTORS' SOLE EXPENSE.
2. ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS WITH FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT AND THE OWNER.
3. CONTRACTORS WILL BE HELD RESPONSIBLE FOR ANY DAMAGE OR LOSS OF OR TO ANY REFERENCE POINTS AND /OR HUBS DURING THE CONSTRUCTION OF THEIR WORK AND SHALL BEAR THE COST OF REPAIRING OR REPLACING SAME.
4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OR THE LOCAL GOVERNING OR OTHER PREVAILING AUTHORITY. THESE INCLUDES VERIFICATION OF PROPERTY LINES PRIOR TO COMMENCING WORK NO CONSTRUCTION ITEM, INCLUDING FOOTINGS, SHALL EXTEND PROPERTY LINE.
5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AN REQUIRED TO ACCOMPLISH THE WORKS. PIPING, CONDUIT AND SLEEVES SHALL BE SET IN PRIOR TO INSTALLATION OF CONSTRUCTION ITEMS. COORDINATE AND COOPERATE WITH CONTRACTORS OF ATTACHED, ADJOINING AND INTERFACING WORK OF OTHER TRADES.
6. GIVE LANDSCAPE ARCHITECT A MINIMUM OF 7 DAYS NOTICE FOR REQUIRED OR REQUESTED JOB SITE VISIT.
7. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISH STRUCTURE, CONSTRUCTION MEANS AND METHODS, SAFETY PROCEDURES, BRACING, TEMPORARY SUPPORTS, AND SHORING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DO NOT INCLUDE INSPECTION OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
8. FOR SUBMITTALS, SAMPLES AND SHOP DRAWINGS REQUESTED, SUBMIT IN TRIPPLICATE TO LANDS APE ARCHITECT WITH ONE COPY TO THE OWNER UNLESS OTHERWISE SPECIFIED.
9. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST UNIFORM BUILDING CODES, ZONING AND /OR AGENCY REQUIREMENTS, AND APPLICABLE GOVERNING AGENCY CODES AND DISCREPANCIES EXIST, NOTIFY LANDSCAPE ARCHITECT AND OWNER.
10. FORMS AND ALIGNMENT OF PAVING SHALL BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO POURING. ALL DIMENSIONS ARE FROM OUTSIDE FACE OF THE BUILDING, PAVING AND WALLS UNLESS OTHERWISE NOTED. ANGLES ARE 90 OR 45 UNLESS OTHERWISE NOTED.

ARCTIC GRO ALASKA LAWN MIX

ARCTIC GRO ALASKA LAWN MIX, ALASKA LAWN MIX

ALASKA LAWN MIX CONTAINS:
BOREAL RED FESCUE
PARK KENTUCKY
ALENE KENTUCKY
ARCTARED FESCUE
KENA KENTUCKY
WASHINGTON KENTUCKY
100% GRASS SEED

NATIVE NO-MOW SEED MIX

SUN AND PARTIAL SHADE: PROPORTIONED NATIVE NO-MOW GRASS SPECIES AS FOLLOWS:

- 50 PERCENT FESTUCA RUBRA BOREAL / BOREAL RED FESCUE
- 25 PERCENT DESCHMAPSIA CAERITOSA NORTMAN / NORTMAN TUFTED HAIRGRASS
- 15 PERCENT ARCTAGROSTIS LATIFOLIA ALYESKA / ALYESKA POLARGRASS
- 2 PERCENT ACHILLEA MILLEFOLIUM / YARROW
- 2 PERCENT CALAMAGROSTIS CANADENSIS SOURDOUGH / SOURDOUGH BLUEJOINT REEDGRASS
- 2 PERCENT CHAMERION LATIFOLIUM / DWARF FIREWEED
- 1 PERCENT ARTEMISIA TILESII / TILESII WORMWOOD
- 1 PERCENT POLEMONIUM PULCHERRIMUM / JACOB'S LADDER
- 1 PERCENT TRISTETUM SPICATUM / SPIKE TRISTETUM
- 1 PERCENT PAPPAPER THOAS / CORN POPPY



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IACV)

DOTP XX DMVA XX

OVER ALL LANDSCAPE COVER PLAN

SCALE	1"=40'
DRAWN BY:	AM
PROJ. MGR.	AM
ENGINEER	AM
DATE	6/30/25

SHEET NO:

LP 100

1 of XX



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DEPARTMENT OF MILITARY AND
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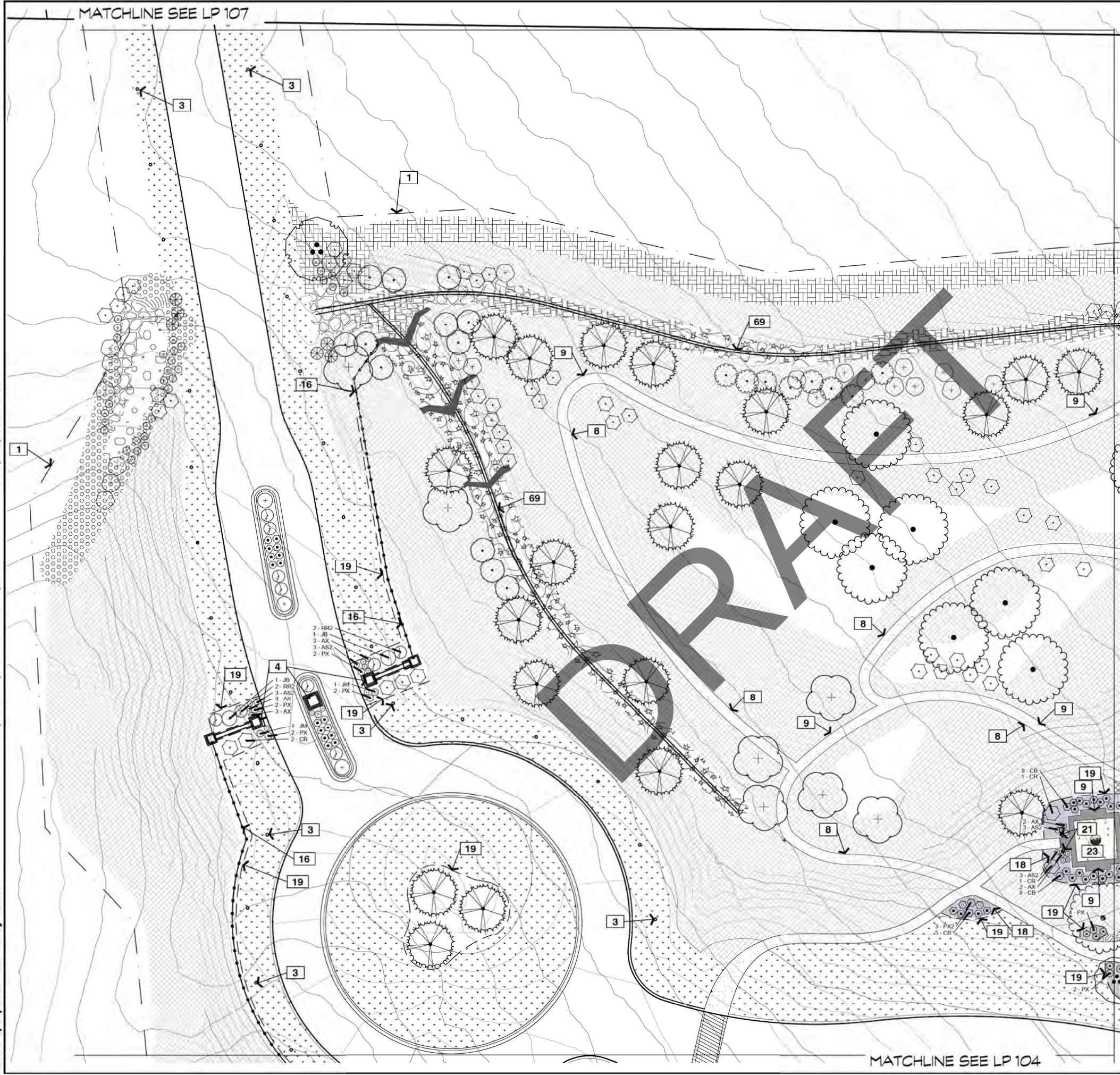
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
247 S ALASKA ST
PALMER, AK 99646

DATE

NOTE

DRAFT SUBMITTAL



PLANT SCHEDULE 101

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
TREES				
	AF	7	ACER GINNALA 'FLAME' FLAME AMUR MAPLE	2" CAL.
	BP	8	BETULA PAPYRIFERA PAPER BIRCH	2" CAL.
	LL	21	LARIX LARICINA TAMARACK	7-8' HT.
	PT	1	POPULUS TREMULOIDES QUAKING ASPEN	MULTI-TRUNK
SHRUBS				
	AX	10	ALLIUM X 'PERSIAN BLUE' PERSIAN BLUE ALLIUM	1 GAL.
	AS2	14	ARTEMISIA SCHMIDTIANA 'SILVER MOUND' SILVER MOUND ARTEMISIA	2 GAL.
	CB	38	CALAMAGROSTIS CANADENSIS BLUEJOINT GRASS	2 GAL.
	CR	54	CORNUS SERICEA RED TWIG DOGWOOD	5 GAL.
	JB	5	JUNIPERUS SABINA 'BUFFALO' BUFFALO JUNIPER	5 GAL.
	JM	3	JUNIPERUS SCOPULORUM 'MEDORA' MEDORA JUNIPER	5 GAL.
	MS	31	MATTEUCCIA STRUTHIOPTERIS OSTRICH FERN	3 GAL.
	PX2	3	PAEONIA X 'AVALANCHE' AVALANCHE PEONY	2 GAL.
	PX	10	PAEONIA X 'MONSIEUR JULES ELIE' MONSIEUR JULES ELIE PEONY	2 GAL.
	PC	12	PHYSOCARPUS CAPITATUS PACIFIC NINEBARK	5 GAL.
	PB	8	PHYSOCARPUS OPULIFOLIUS 'MONLO' DIABOLO® NINEBARK	5 GAL.
	RC	6	ROSA ACICULARIS PRICKLY ROSE	5 GAL.
	RR2	10	ROSA RUBRIFOLIA RED LEAF ROSE	5 GAL.
	SA	20	SALIX ALAXENSIS FELTLEAF WILLOW	5 GAL.

GROUND COVERS

	LX	24,086 SF	ARCTIC GRO ALASKA LAWN MIX IRRIGATED LAWN	HYDROSEED
	DR	57,889 SF	NATIVE NO-MOW SEED MIX NOT IRRIGATED	HYDROSEED

REFERENCE NOTES SCHEDULE 101

SYMBOL	CODE	DESCRIPTION	QTY
	1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE	
	3	AVENUE OF FLAGS POLE BASES, 30' OC, 10' FROM EOP (30 TOTAL). SEE LS 502 DETAIL 5 AVENUE OF FLAGS - FLAG POLE BASE	
	4	FRONT ENTRANCE AND GATE, SEE LS 501 AND LS 502 FOR DETAILS	
	8	4' WIDE COMPACTED AGGREGATE TRAIL, SEE LP 503, DETAIL 15 COMPACTED AGGREGATE TRAIL SECTION	
	9	FUTURE BENCH LOCATION, SEE LS 503, DETAIL 3 BENCH ON CONCRETE	
	16	6' ORNAMENTAL FENCING, SEE LS 503 DETAIL 5, 6'-8' ORNAMENTAL FENCING	
	18	3" DEEP ROCK MULCH, 2" WASHED RIVER ROCK	847 SF
	19	MOW CURB-12", SEE LP 501, DETAIL 6 MOW CURB	
	23	SCATTERING GARDEN PLAZA, SEE LS 402, SCATTERING GARDEN PLAZA	
	49	RIFFLE CHUTE, SEE LP 503 DETAIL 17	606 SF
	54	VEGETATIVE FILTER, SEE LP 503, DETAIL 23	58 SF
	55	CROSSVANE, SEE LP 502 DETAIL 10	188 SF
	57	VEGETATIVE MAT, SEE LP 502, DETAIL 12	7,223 SF
	59	INFILTRATION BIOCELL	15 SF
	62	INFILTRATION BIOSWALE, LP 502, DETAIL 16	2,736 SF
	63	VEGETATIVE BOULDER RIFFLE, SEE LP 502, DENTAL 11	1,952 SF
	64	SPILLWAY WEIR, LP 503, DETAIL 18	47 SF
	65	VEGETATED RIPARIAN BUFFER, SEE LP 502, DETAIL 9	3,222 SF
	66	BOULDER RIFFLE DIFFUSER, SEE LP 503, DETAIL 20	852 SF
	69	SWALE BOTTOM	

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IFF XX: DMVA XX

LANDSCAPE PLANTING ENLARGEMENT

SCALE:	1"=10'
DRAWN BY:	SM
PROJ. MGR.	U
ENGINEER	
DATE:	6/30/25
SHEET NO:	LP 101
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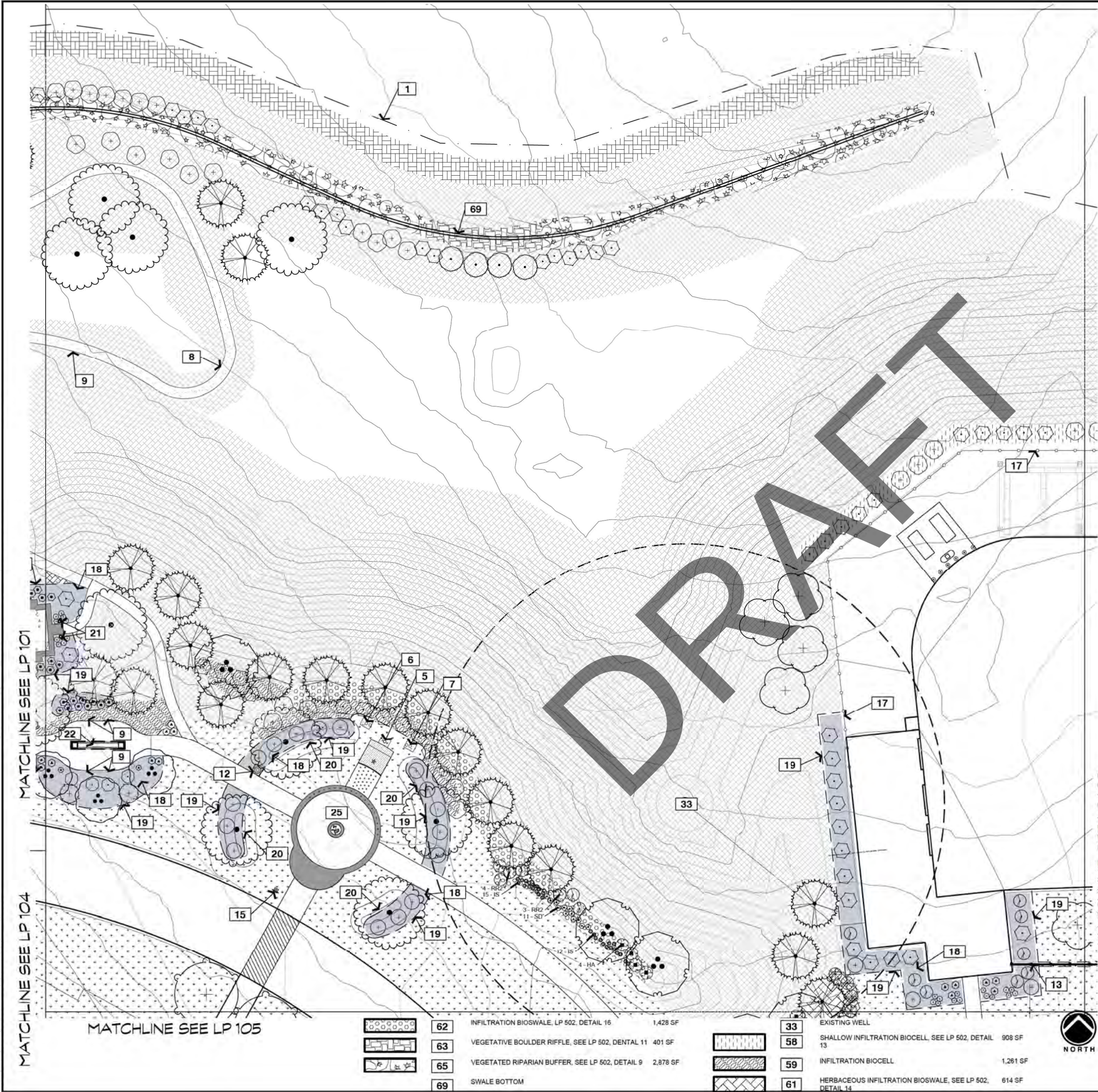


SPECIALTY DRAWINGS
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SUSTAINABLE DESIGN
GROUP, LLC
247 S ALASKA ST
PALMER, AK 99646

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507

DATE	NOTE

DRAFT SUBMITTAL



PLANT SCHEDULE 102

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
TREES				
	AF		ACER GINNALA 'FLAME' FLAME AMUR MAPLE	2" CAL.
	AS	3	AMELANCHIER ALNIFOLIA SERVICEBERRY	MULTI-TRUNK
	BP	9	BETULA PAPYRIFERA PAPER BIRCH	2" CAL.
	LL	19	LARIX LARICINA TAMARACK	7-8' HT.
	PT	4	POPULUS TREMULOIDES QUAKING ASPEN	MULTI-TRUNK
	PM	2	PRUNUS MAACKII AMUR CHOKECHERRY	2" CAL.
SHRUBS				
	AX	11	ALLIUM X 'PERSIAN BLUE' PERSIAN BLUE ALLIUM	1 GAL.
	AS2	12	ARTEMISIA SCHMIDTIANA 'SILVER MOUND' SILVER MOUND ARTEMISIA	2 GAL.
	CB	14	CALAMAGROSTIS CANADENSIS BLUEJOINT GRASS	2 GAL.
	CR	54	CORNUS SERICEA RED TWIG DOGWOOD	5 GAL.
	HA	8	HOSTA X 'BLUE ANGEL' BLUE ANGEL HOSTA	3 GAL.
	IS	29	IRIS SETOSA WILD FLAG IRIS	2 GAL.
	JB	19	JUNIPERUS SABINA 'BUFFALO' BUFFALO JUNIPER	5 GAL.
	MD	4	MICROBIOTA DECUSSATA SIBERIAN CARPET CYPRESS	5 GAL.
	PX	12	PAEONIA X 'MONSIEUR JULES ELIE' MONSIEUR JULES ELIE PEONY	2 GAL.
	PC	5	PHYSOCARPUS CAPITATUS PACIFIC NINEBARK	5 GAL.
	RC	4	ROSA ACICULARIS PRICKLY ROSE	5 GAL.
	RR2	15	ROSA RUBRIFOLIA RED LEAF ROSE	5 GAL.
	SA	27	SALIX ALAXENSIS FELTLEAF WILLOW	5 GAL.
	SD	14	SYMPHYOTRICHUM SUBSPICATUM DOUGLAS ASTER	2 GAL.
	SP	2	SYRINGA X 'PRESTONIAE' 'DONALD WYMAN' DONALD WYMAN LILAC	5 GAL.
	VA	4	VIBURNUM TRILOBUM AMERICAN CRANBERRYBUSH	5 GAL.

GROUND COVERS			
	LX	31,065 SF	ARCTIC GRO ALASKA LAWN MIX IRRIGATED LAWN
	DR	55,787 SF	NATIVE NO-MOW SEED MIX NOT IRRIGATED

REFERENCE NOTES SCHEDULE 102

SYMBOL	CODE	DESCRIPTION	QTY	DETAIL
	1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE		
	5	30' USA FLAG POLE WITH UP LIGHT, SEE LS 502, DETAIL 6 30' FLAG POLE, SEE ELECTRICAL PLANS FOR UP LIGHT		
	6	25' ALASKA STATE FLAG POLE WITH UP LIGHT, SEE LS 502, DETAIL 6 25' FLAG POLE, SEE ELECTRICAL PLANS FOR UP LIGHT		
	7	25' MIA FLAG POLE WITH UP LIGHT, SEE LS 502, DETAIL 6 25' FLAG POLE, SEE ELECTRICAL PLANS FOR UP LIGHT		
	8	4' WIDE COMPACTED AGGREGATE TRAIL, SEE LP 503, DETAIL 15 15' COMPACTED AGGREGATE TRAIL SECTION		
	9	FUTURE BENCH LOCATION, SEE LS 503, DETAIL 3 BENCH ON CONCRETE		
	13	8' ORNAMENTAL FENCE, SEE LS 503 DETAIL 6, 8' ORNAMENTAL FENCE		
	15	WAYFINDING SIGNAGE, SEE LW100 FOR DETAILS		
	17	8' CHAIN LINK FENCE, SEE LS 503, DETAIL 4, CHAIN LINK FENCE		
	18	3" DEEP ROCK MULCH, 2" WASHED RIVER ROCK	3,986 SF	
	19	MOW CURB-12", SEE LP 501, DETAIL 6 MOW CURB		
	22	MEMORIAL WALL, SEE LS 402 AND LB 505, DETAIL 1		
	25	FLAG ASSEMBLY AREA, SEE LS 403 FOR DETAILS		

	62	INFILTRATION BIOSWALE, LP 502, DETAIL 16	1,428 SF
	63	VEGETATIVE BOULDER RIFFLE, SEE LP 502, DETAIL 11	401 SF
	65	VEGETATED RIPARIAN BUFFER, SEE LP 502, DETAIL 9	2,878 SF
	69	SWALE BOTTOM	
	33	EXISTING WELL	
	58	SHALLOW INFILTRATION BIOCELL, SEE LP 502, DETAIL 13	908 SF
	59	INFILTRATION BIOCELL	1,261 SF
	61	HERBACEOUS INFILTRATION BIOSWALE, SEE LP 502, DETAIL 14	614 SF

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

DOT/IF XX, DMVA XX

LANDSCAPE PLANTING ENLARGEMENT

SCALE:	1" = 10'
DRAWN BY:	AM
PROJ. MGR:	U
ENGINEER:	
DATE:	6/30/25

SHEET NO:
LP 102
1 of XX

DRAFT SUBMITTAL

DATE	NOTE

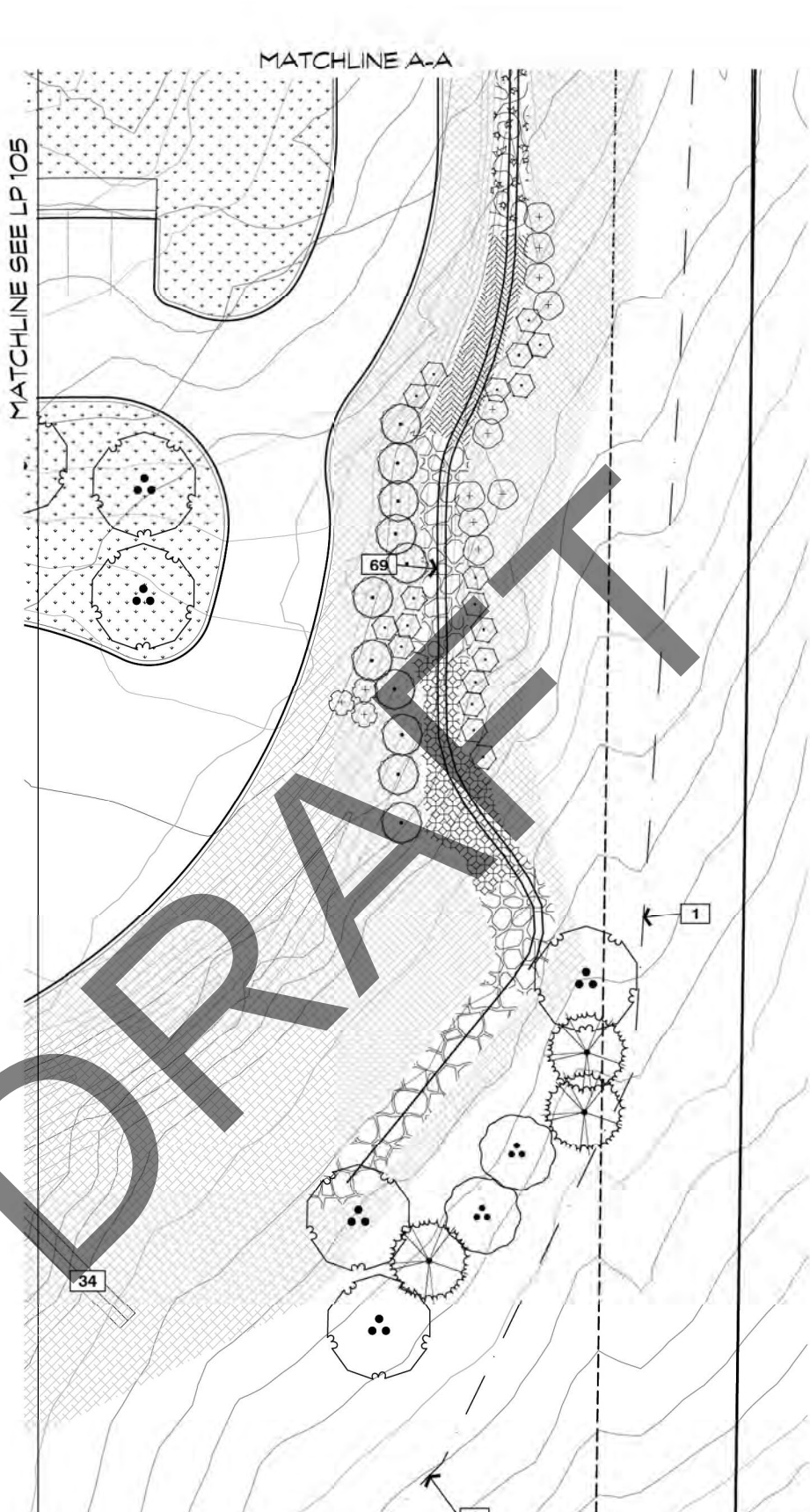
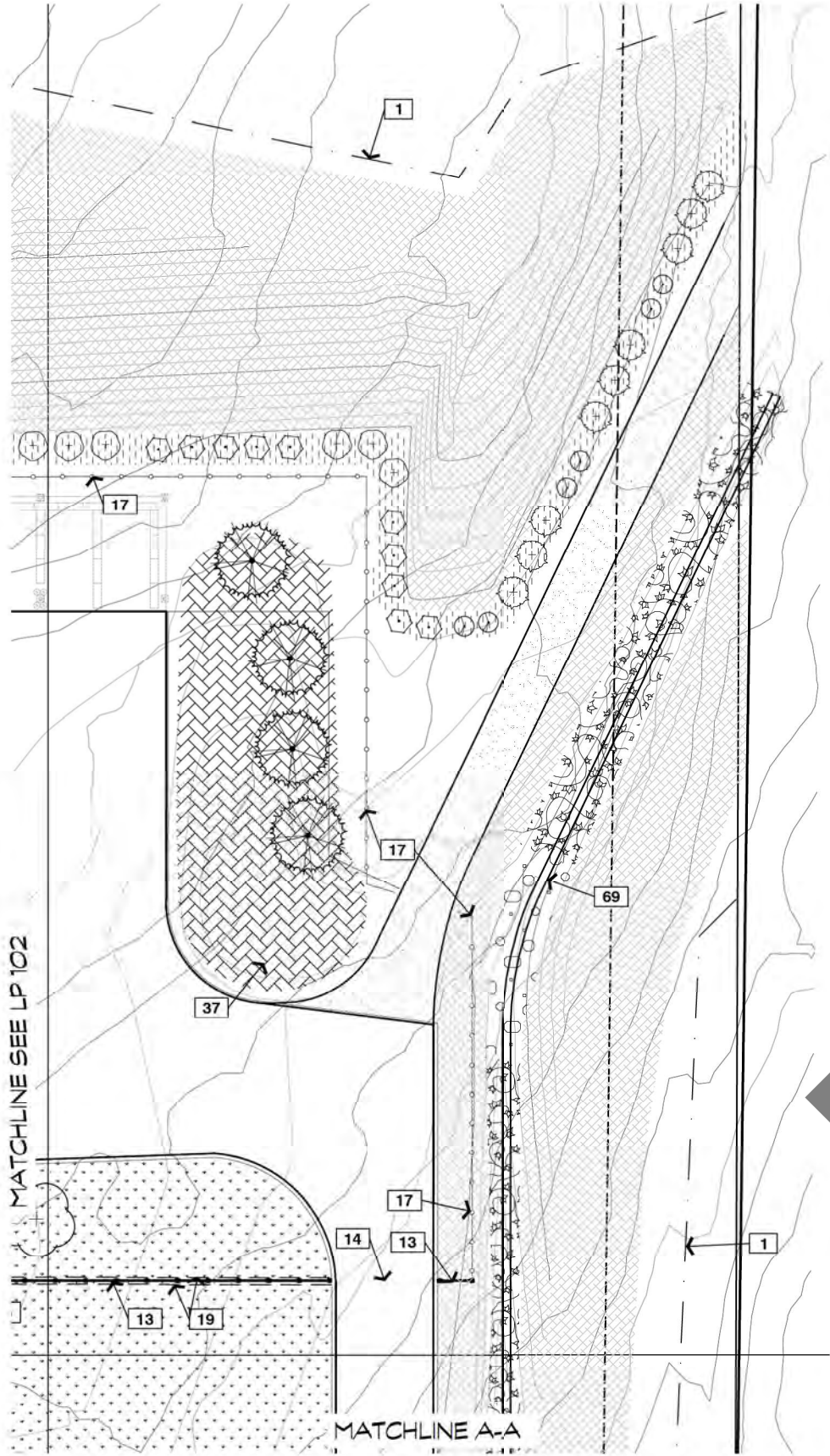
SPECIALTY DRAWINGS
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SUSTAINABLE DESIGN
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247 S ALASKA ST
PALMER, AK 99646

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
9101 WANGUARD DRIVE
ANCHORAGE, AK 99507

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PLANT SCHEDULE 103

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
TREES				
	AS	2	AMELANCHIER ALNIFOLIA SERVICEBERRY	MULTI-TRUNK
	LL	7	LARIX LARICINA TAMARACK	7-8' HT.
	PT	5	POPULUS TREMULOIDES QUAKING ASPEN	MULTI-TRUNK
SHRUBS				
	CR	29	CORNUS SERICEA RED TWIG DOGWOOD	5 GAL.
	PC	11	PHYSOCARPUS CAPITATUS PACIFIC NINEBARK	5 GAL.
	RR2	6	ROSA RUBRIFOLIA RED LEAF ROSE	5 GAL.
	SA	15	SALIX ALAXENSIS FELTLEAF WILLOW	5 GAL.
	SP	9	SYRINGA X PRESTONIAE 'DONALD WYMAN' DONALD WYMAN LILAC	5 GAL.
	VA	3	VIBURNUM TRILOBUM AMERICAN CRANBERRYBUSH	5 GAL.

GROUND COVERS

	LX	8,793 SF	ARCTIC GRO ALASKA LAWN MIX IRRIGATED LAWN	HYDROSEED
	DR	39,115 SF	NATIVE NO-MOW SEED MIX NOT IRRIGATED	HYDROSEED

REFERENCE NOTES SCHEDULE 103

SYMBOL	CODE	DESCRIPTION	QTY	DETAIL
	1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE		
	13	8' ORNAMENTAL FENCE, SEE LS 503 DETAIL 6, 8' ORNAMENTAL FENCE		
	14	8' ORNAMENTAL GATE, SEE LS 503, DETAIL 6, 8' ORNAMENTAL GATE		
	17	8' CHAIN LINK FENCE, SEE LS 503, DETAIL 4, CHAIN LINK FENCE		
	19	MOW CURB-12", SEE LP 501, DETAIL 6 MOW CURB		
	34	SEPTIC DRAIN FIELDS		
	37	SNOW STORAGE AREA		
	49	RIFFLE CHUTE, SEE LP 503 DETAIL 17	578 SF	
	53	RIFFLE CASCADE, SEE LP 503 DETAIL 22	668 SF	
	58	SHALLOW INFILTRATION BIOCELL, SEE LP 502, DETAIL 13	1,926 SF	
	61	HERBACEOUS INFILTRATION BIOSWALE, SEE LP 502, DETAIL 14	4,249 SF	
	65	VEGETATED RIPARIAN BUFFER, SEE LP 502, DETAIL 9	2,585 SF	
	66	BOULDER RIFFLE DIFFUSER, SEE LP 503, DETAIL 20	1,426 SF	
	67	RIFFLE BOULDER DROP, SEE LP 503, DETAIL 19	694 SF	
	69	SWALE BOTTOM		



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IACV)

DOT/IFF XX, DMVA XX

LANDSCAPE PLANTING ENLARGEMENT

SCALE:	
DRAWN BY:	
PROJ. MGR.	
ENGINEER	
DATE:	8/30/25

SHEET NO:
LP 103
1 of XX

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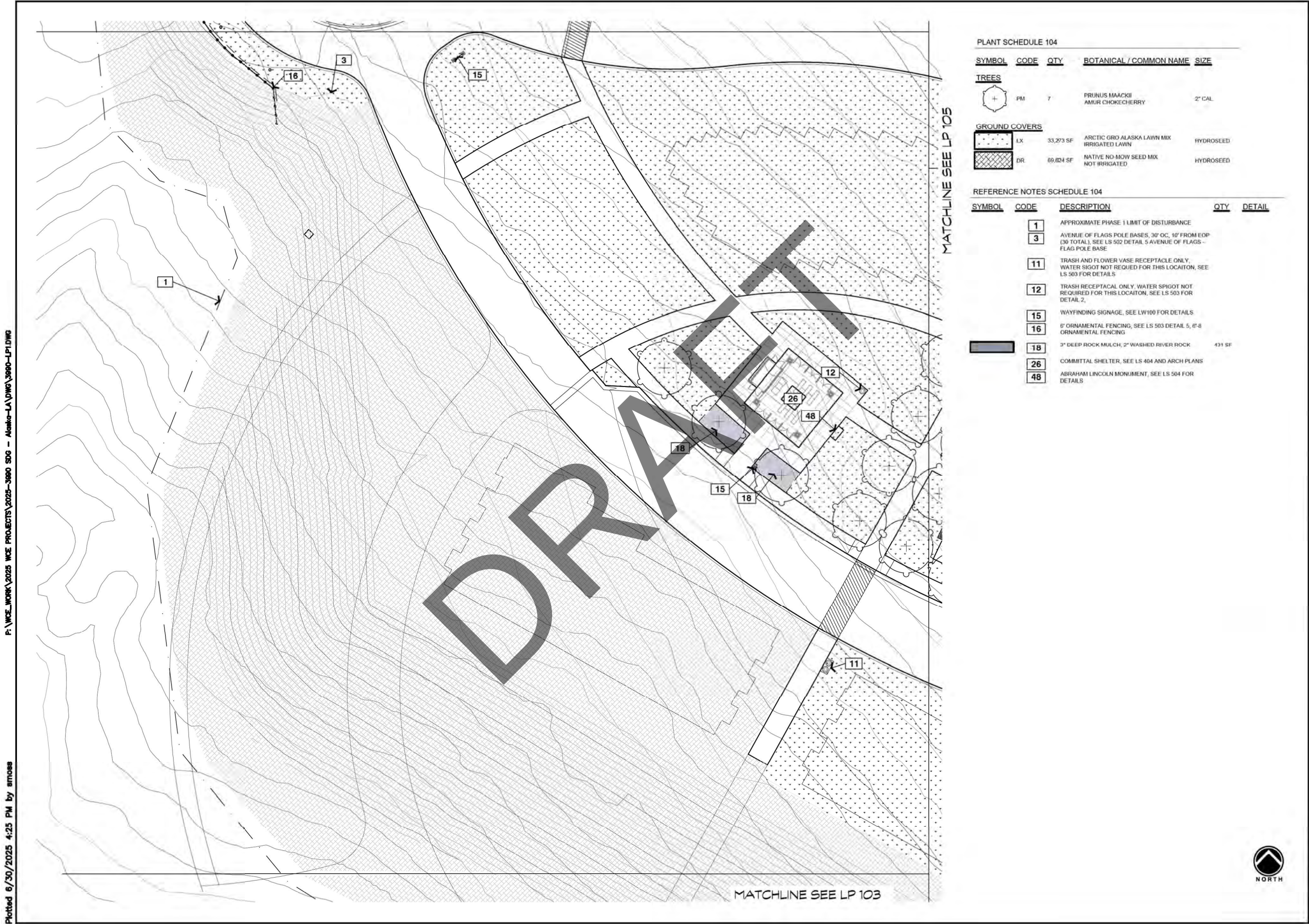
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9101 VANGUARD DRIVE
ANCHORAGE, AK 99507

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P:\WCE_WORK\2025 WCE PROJECTS\2025-3990 SDG - Alaska-LA\DWG\3990-LP104

Plotted 6/30/2025 4:25 PM by smoes



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PE XX; DMVA XX
LANDSCAPE COMMITTAL SHELTER
PLANTING ENLARGEMENT

SCALE: 1" = 10'
DRAWN BY: SM
PROJ. MGR: SM
ENGINEER:
DATE: 6/30/25
SHEET NO:
LP 104
1 of XX

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SUSTAINABLE DESIGN
GROUP, LLC
2415 S ALASKA ST
PALMER, AK 99645

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
1811 VANGUARD DRIVE
ANCHORAGE, AK 99507

DRAFT SUBMITTAL

DATE
NOTE



<u>SYMBOL</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>DETAIL</u>
	1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE		
	2	BENCH LOCATION, SEE LS 503 DETAIL 3 BENCH ON CONCRETE		
	9	FUTURE BENCH LOCATION, SEE LS 503, DETAIL 3 BENCH ON CONCRETE		
	10	TRASH/FLOWER VASE RECEPTACLE W/FLOWER WATERING STATION, SEE LS 503 DETAIL 1		
	11	TRASH AND FLOWER VASE RECEPTACLE ONLY, WATER SIGOT NOT REQUIRED FOR THIS LOCATON, SEE LS 503 FOR DETAILS		
	15	WAYFINDING SIGNAGE, SEE LW100 FOR DETAILS		
	18	3" DEEP ROCK MULCH, 2" WASHED RIVER ROCK	170 SF	
	27	PHASE 1 COLUMBARIUM NICHE, SEE LS 404 AND LB 501		
	28	FUTURE COLUMBARIUM		
	34	SEPTIC DRAIN FIELDS		
	54	VEGETATIVE FILTER, SEE LP 503, DETAIL 23	2,330 SF	
	55	CROSS/VANE, SEE LP 502 DETAIL 10	108 SF	
	61	HERBACEOUS INFILTRATION BIOSWALE, SEE LP 502, DETAIL 14	2,650 SF	
	63	VEGETATIVE BOULDER RIFFLE, SEE LP 502, DETAL 11	603 SF	
	64	SPILLWAY WEIR, LP 503, DETAIL 18	47 SF	
	65	BOULDER RIFFLE DIFFUSER, SEE LP 503, DETAIL 20	1,282 SF	
	67	RIFFLE BOULDER DROP, SEE LP 503, DETAIL 19	333 SF	
	69	SWALE BOTTOM		

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PREPARED BY**

**SUSTAINABLE DESIGN
GROUP, LLC**

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PALMER, AK 99645

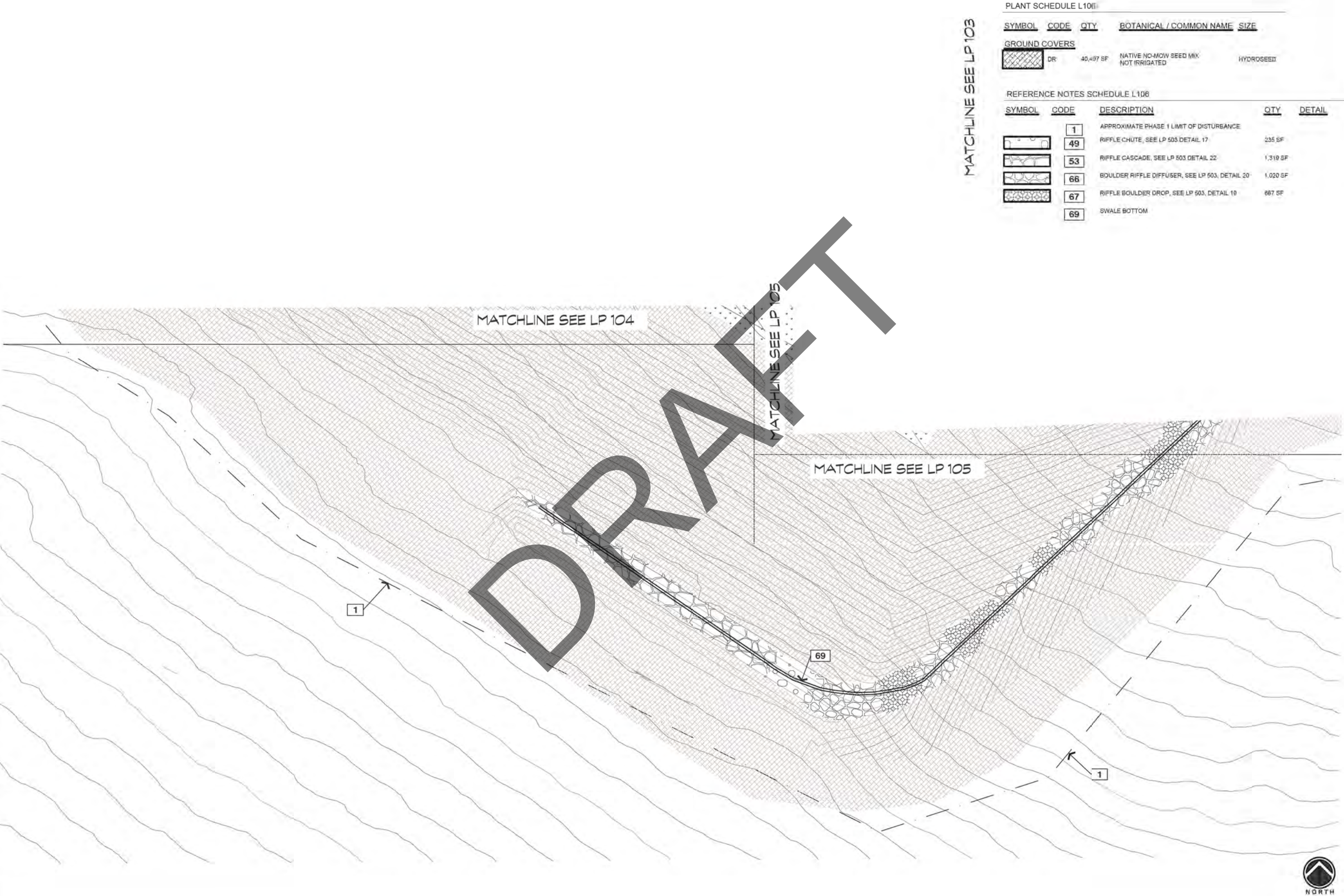
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9101 VANGUARD DRIVE
ANCHORAGE, AK 99507

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PLANT SCHEDULE L106

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
GROUND COVERS				
	DR	40,497 SF	NATIVE NO-MOW SEED MIX NOT IRRIGATED	HYDROSEED

REFERENCE NOTES SCHEDULE L106

SYMBOL	CODE	DESCRIPTION	QTY	DETAIL
	1	APPROXIMATE PHASE 1 LIMIT OF DISTURBANCE		
	49	RIFFLE CHUTE, SEE LP 503 DETAIL 17	235 SF	
	53	RIFFLE CASCADE, SEE LP 503 DETAIL 22	1,319 SF	
	66	BOULDER RIFFLE DIFFUSER, SEE LP 503, DETAIL 20	1,020 SF	
	67	RIFFLE BOULDER DROP, SEE LP 503, DETAIL 19	867 SF	
	69	SWALE BOTTOM		



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/IF XX: DMVA XX
LANDSCAPE STORMWATER PLANTING
ENLARGEMENT

SCALE:	1"=10'
DRAWN BY:	SM
PROJ. MGR:	E
ENGINEER:	
DATE:	8/30/25

SHEET NO:
LP 106
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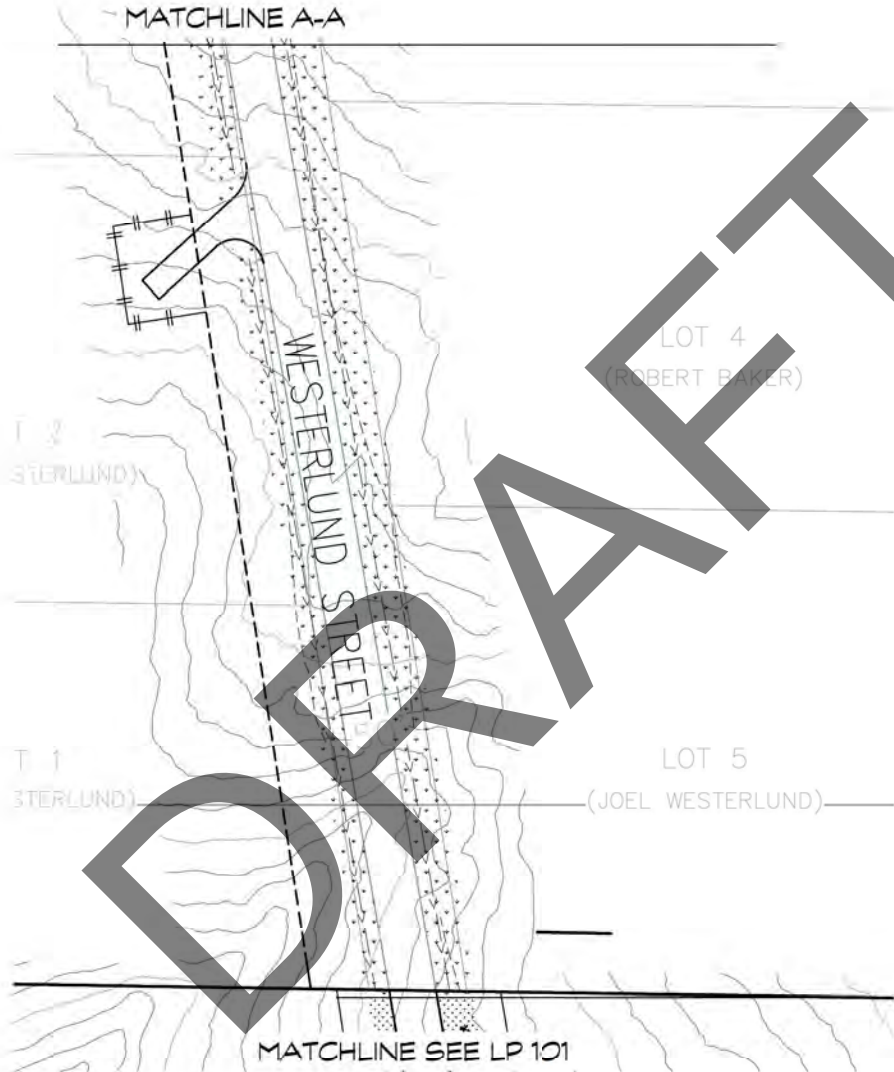
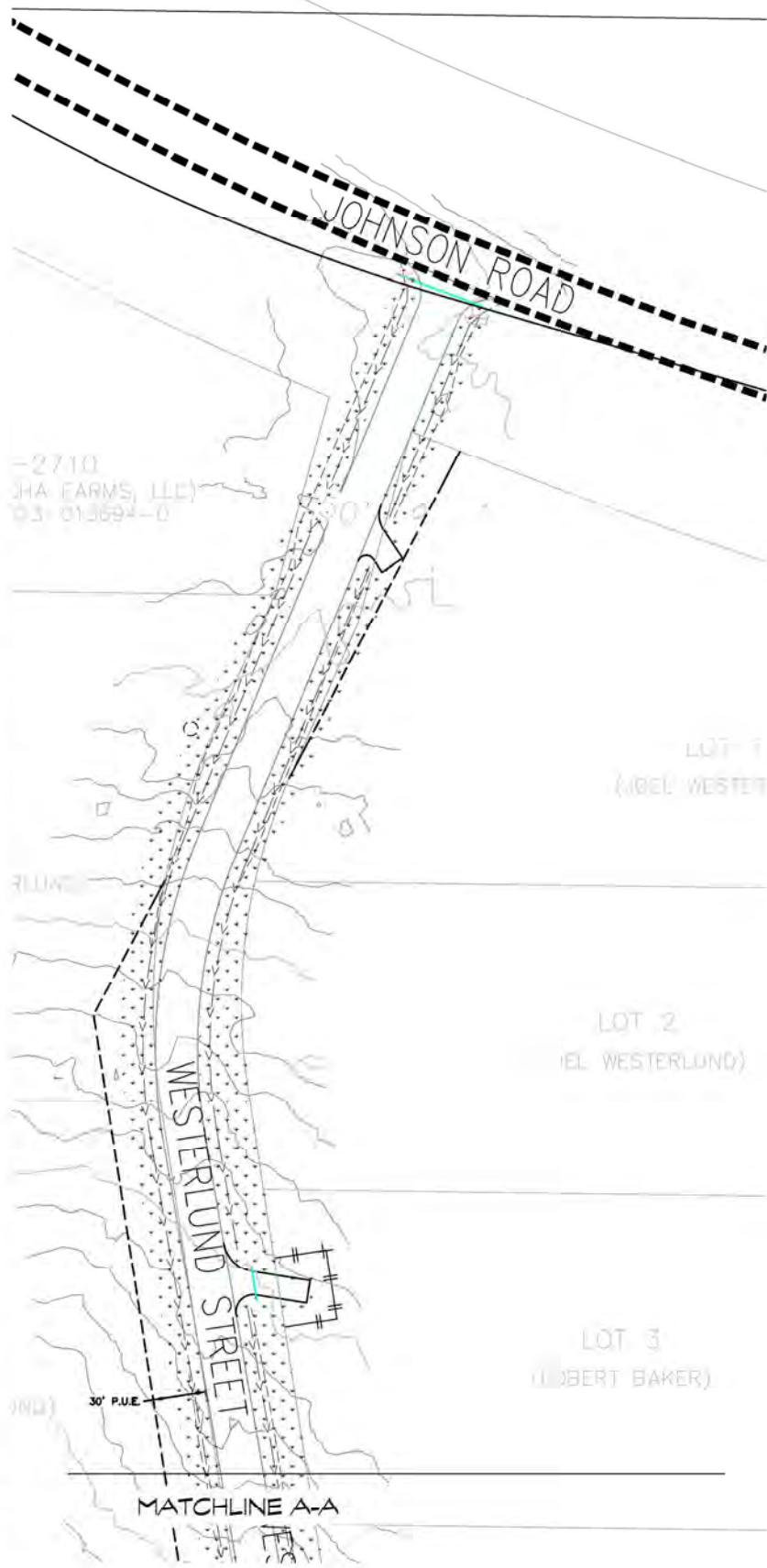
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9161 VANGUARD DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
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SUSTAINABLE DESIGN
GROUP, LLC
247.5 ALASKA ST
FAIRBANKS, AK 99701

DATE	NOTE

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PLANT SCHEDULE N				
<u>SYMBOL</u>	<u>CODE</u>	<u>QTY</u>	<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>
<u>GROUND COVERS</u>				
	LX	46,358 SF	ARCTIC GRO ALASKA LAWN MIX	HYDROSEED
		46,358 SF	IRRIGATED LAWN	
			SUBTOTAL:	



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IFV XX: DMVA XX
LANDSCAPE WESTERLUND PLANTING
ENLARGEMENTS

SCALE:	
DRAWN BY:	
PROJ. MGR:	
ENGINEER:	
DATE:	8/30/25

SHEET NO:
LP 107
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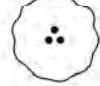
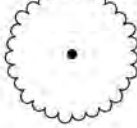
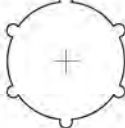
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ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
247 S ALASKA ST
PALMER, AK 99646

DATE	NOTE

DRAFT SUBMITTAL

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
TREES				
	AF	16	ACER GINNALA 'FLAME' FLAME AMUR MAPLE	2" CAL.
	AS	5	AMELANCHIER ALNIFOLIA SERVICEBERRY	MULTI-TRUNK
	BP	17	BETULA PAPYRIFERA PAPER BIRCH	2" CAL.
	LL	55	LARIX LARICINA TAMARACK	7-8' HT.
	PT	16	POPULUS TREMULOIDES QUAKING ASPEN	MULTI-TRUNK
	PM	22	PRUNUS MAACKII AMUR CHOKECHERRY	2" CAL.
SHRUBS				
	AX	21	ALLIUM X 'PERSIAN BLUE' PERSIAN BLUE ALLIUM	1 GAL.
	AS2	36	ARTEMISIA SCHMIDTIANA 'SILVER MOUND'	2 GAL.
	CB	52	CALAMAGROSTIS CANADENSIS BLUEJOINT GRASS	2 GAL.
	CR	153	CORNUS SERICEA RED TWIG DOGWOOD	5 GAL.
	HA	8	HOSTA X 'BLUE ANGEL' BLUE ANGEL HOSTA	3 GAL.
	IS	54	IRIS SETOSA WILD FLAG IRIS	2 GAL.
	JB	24	JUNIPERUS SABINA 'BUFFALO' BUFFALO JUNIPER	5 GAL.
	JM	3	JUNIPERUS SCOPULORUM 'MEDORA' MEDORA JUNIPER	5 GAL.
	MS	31	MATTEUCCIA STRUTHIOPTERIS OSTRICH FERN	3 GAL.
	MU	4	MICRORIPTA DECUSSATA SIBERIAN CARPET CYPRESS	5 GAL.
	PX2	3	PAEONIA X 'AVALANCHE' AVALANCHE PEONY	2 GAL.
	PX	22	PAEONIA X 'MONSIEUR JULES ELIE' MONSIEUR JULES ELIE PEONY	2 GAL.
	PC	29	PHYSOCARPUS CAPITATUS PACIFIC NINEBARK	5 GAL.
	PB	10	PHYSOCARPUS OPULIFOLIUS 'MONLO' DIABOLO® NINEBARK	5 GAL.
	RC	14	ROSA ACICULARIS PRICKLY ROSE	5 GAL.
	RR2	34	ROSA RUBRIFOLIA RED LEAF ROSE	5 GAL.
	SA	71	SALIX ALAXENSIS FELTLEAF WILLOW	5 GAL.
	SD	14	SYMPHYOTRICHUM SUBSPICATUM DOUGLAS ASTER	2 GAL.
	SP	11	SYRINGA X PRESTONIAE 'DONALD WYMAN' DONALD WYMAN LILAC	5 GAL.
	VA	14	VIBURNUM TRILOBUM AMERICAN CRANBERRYBUSH	5 GAL.
GROUND COVERS				
	LX	208,856 SF	ARCTIC GRO ALASKA LAWN MIX IRRIGATED LAWN	HYDROSEED
	DR	297,516 SF	NATIVE NO-MOW SEED MIX NOT IRRIGATED	HYDROSEED



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/IFF XX, DMVA XX

LANDSCAPE PLANTING SCHEDULE

SCALE:	1"=20'
DRAWN BY:	SE
PROJ. MGR:	SE
ENGINEER:	
DATE:	8/30/25

SHEET NO:
LP 107
1 of XX

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES



DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

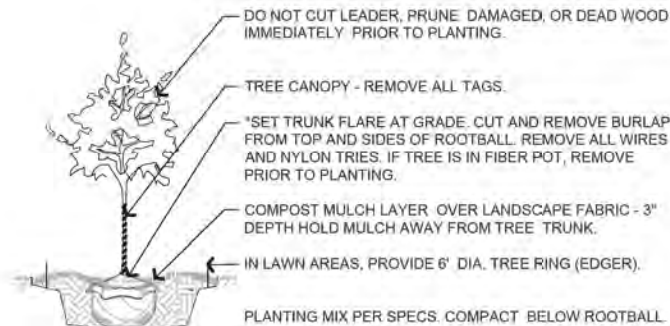
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507

SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP, LLC
247 S ALASKA ST
PALMER, AK 99646

DATE

NOTE

DRAFT SUBMITTAL



NOTES:
* USE TRUNK FLARE TO DETERMINE THE REAL TOP OF THE ROOTBALL. THEN PLANT TRUNK FLARE AND TOP OF ROOTBALL AT GRADE.

1 DECIDUOUS TREE DETAIL

NOT TO SCALE

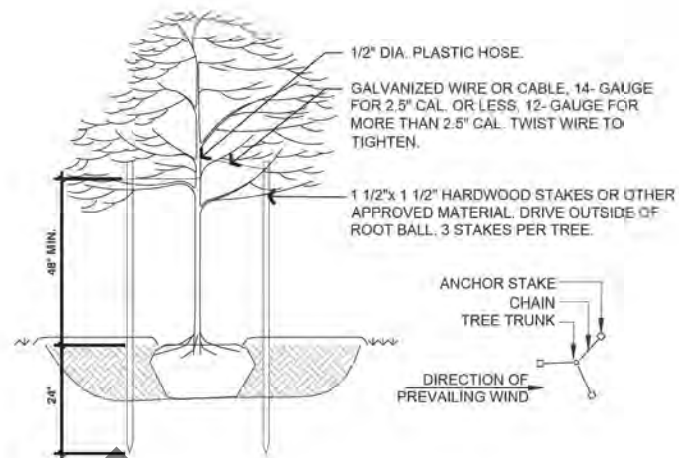
M-SPV-03



2 EVERGREEN TREE DETAIL

NOT TO SCALE

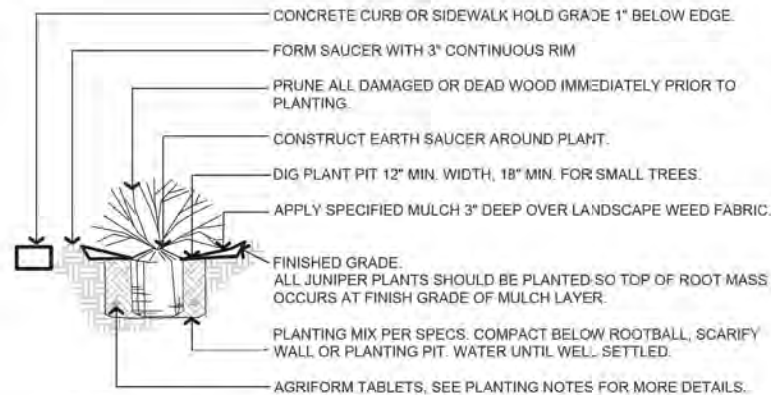
M-SPV-02



3 TREE STAKING DETAIL

NOT TO SCALE

M-SPV-01

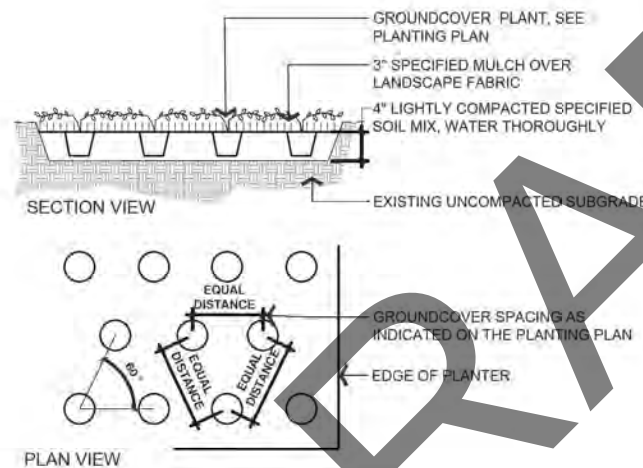


NOTE:
1. ANSI A300 PLANTING STANDARDS SHALL BE FOLLOWED.

4 SHRUB DETAIL

NOT TO SCALE

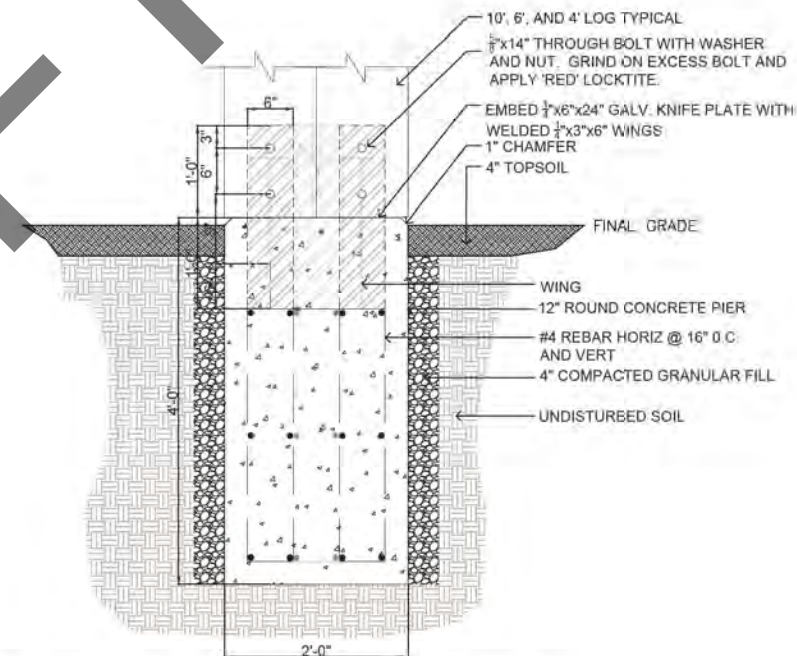
M-SPV-05



5 GROUND COVER DETAIL

NOT TO SCALE

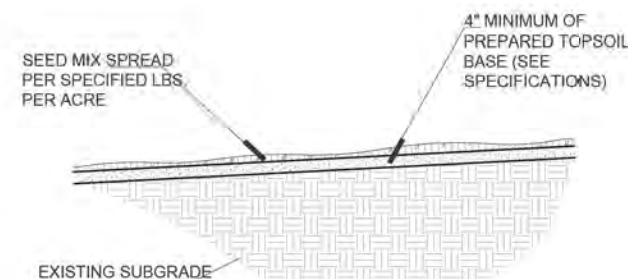
M-SPV-06



6 3-LOG PILLAR FOOTER SECTION

1/16\"/>

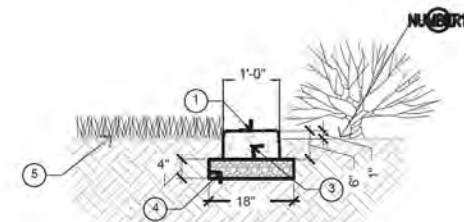
DETAIL-FILE



7 TOPSOIL AND SEED

NTS

DETAIL-FILE



8 MOW CURB-12"

- 1 CONCRETE MOW CURB
- 2 PLANTER BED
- 3 #4 REBAR CONTINUOUS
- 4 COMPACTED UTBC (95% MIN. OR GREATER PER GEOTECH REPORT)
- 5 TURF

NOTES:
1. TURF SHALL BE A MINIMUM OF 1\"/>

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PPF XX, DMVA XX
LANDSCAPE PLANTING DETAILS

SCALE: NO SCALE
DRAWN BY: SM
FROM MGR: LP
ENGINEER: LP
DATE: 8/30/25

SHEET NO:
LP 501
1 of XX

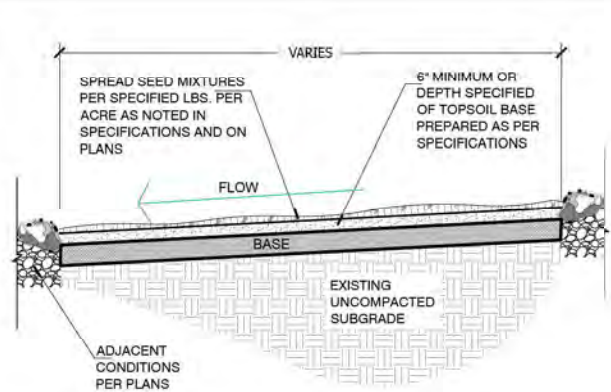
DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE



DRAWINGS PREPARED BY:
R&M CONSULTANTS, INC.
1901 VANGUARD DRIVE
ANCHORAGE, ALASKA 99501

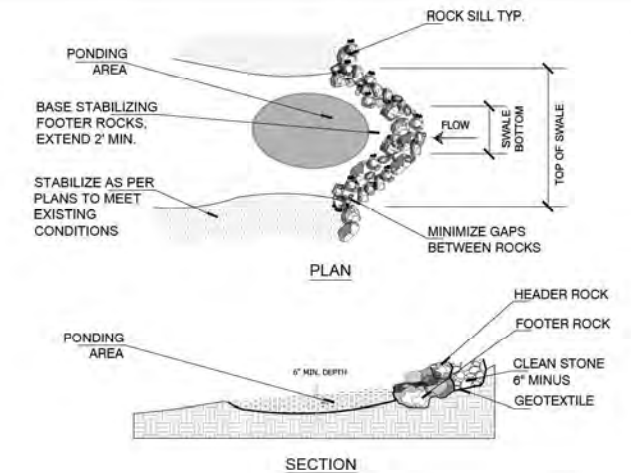
DATE	NOTE

DRAFT SUBMITTAL



- NOTES:
1. FILTER SLOPE NOT TO EXCEED 5%
 2. BASE MATERIAL TO BE A MINIMUM OF 12" OF HIGH INFILTRATION SOIL MIX, AS PER SPECIFICATIONS
 3. TOPSOIL AND SEED FILTER AREAS
 4. SEED MIXTURES ARE IDENTIFIED WITH THE PLANT SCHEDULE AND SPECIFICATIONS
 5. APPLY SEED MIXTURES AT SPECIFIED WEIGHT TO ACRE RATIO
 6. INSTALL EROSION CONTROL AS PER SPECIFICATIONS UNTIL VEGETATION IS ESTABLISHED

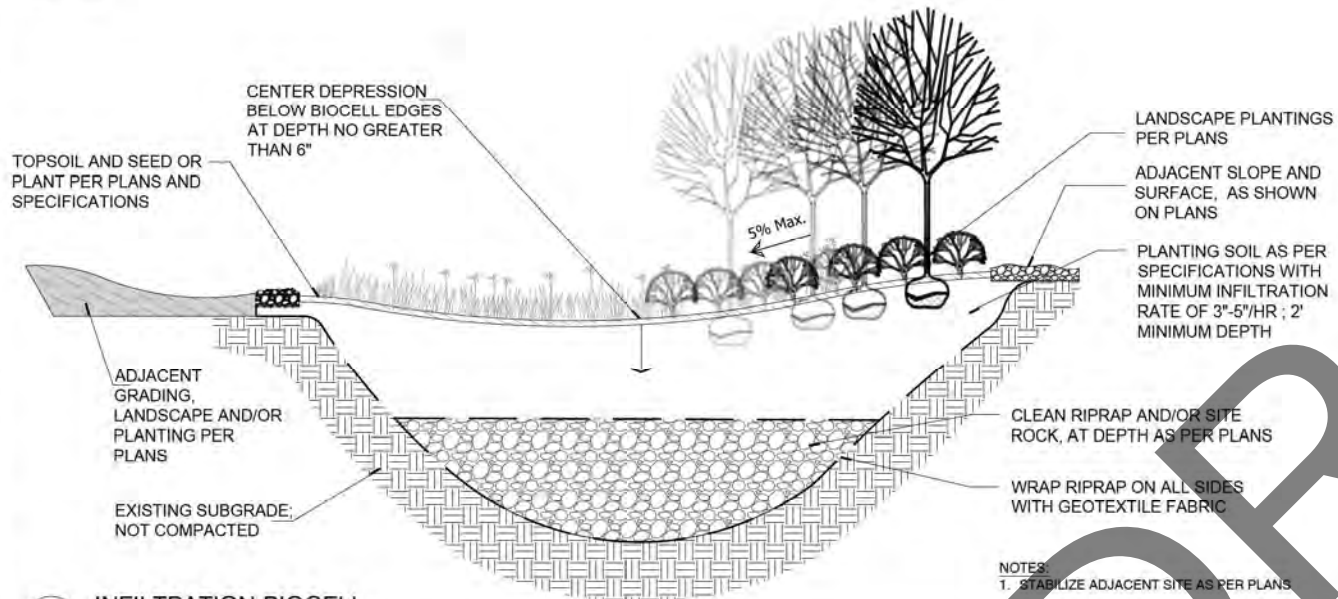
9 VEGETATED RIPARIAN BUFFER
NTS



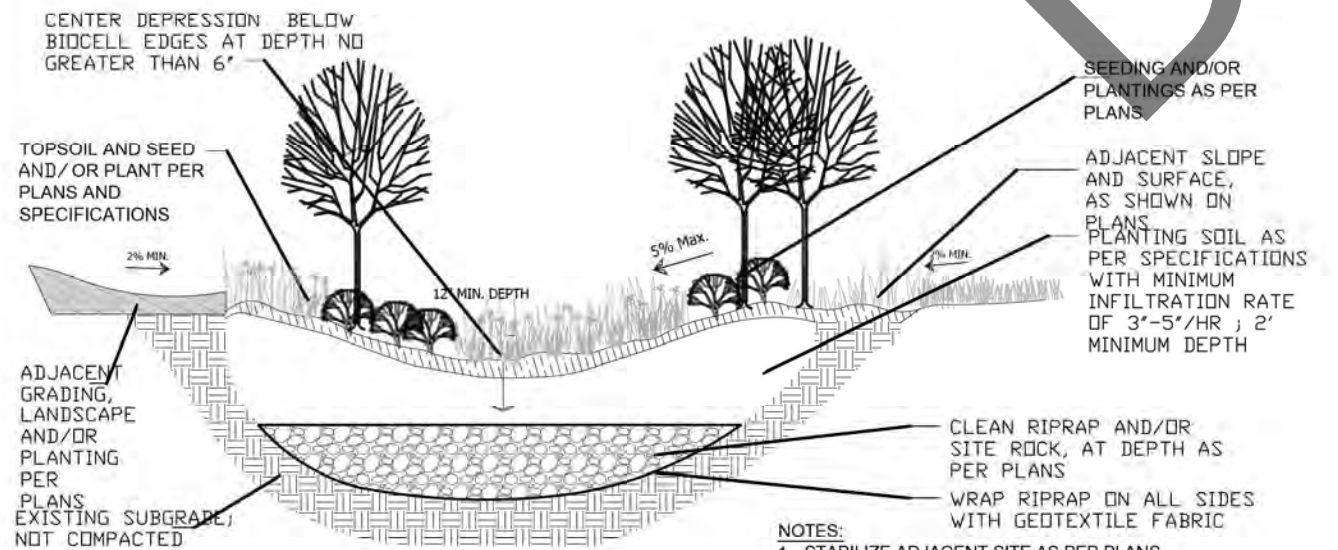
- NOTES:
1. FOOTER ROCKS TO BE OF VARIOUS SIZES, PLACE TO MINIMIZE GAPS.
 2. HEADER ROCKS OF VARIOUS SIZES. SET BACK TOP LAYER 1' MIN. FROM FOOTER ROCK FACE.
 3. LARGE ROCKS AND BOULDERS TO BE SET 1/3 INTO CLEAN STONE 6" MINUS.

10 CROSSVANE
NTS

DETAIL-FILE

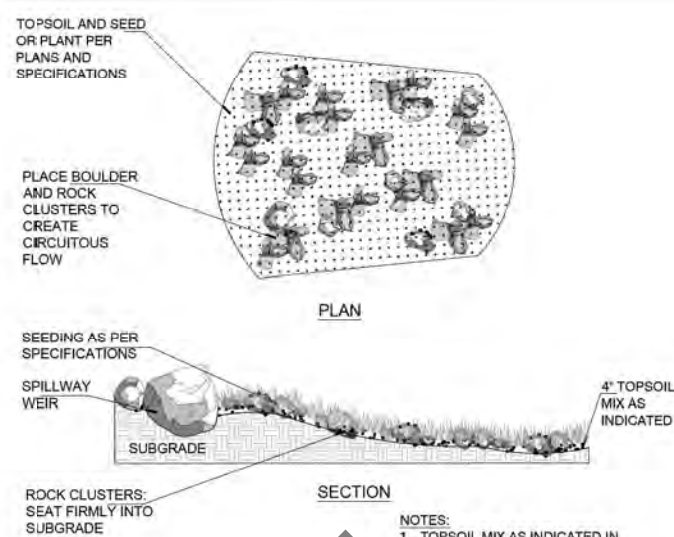


13 INFILTRATION BIOCELL
NTS



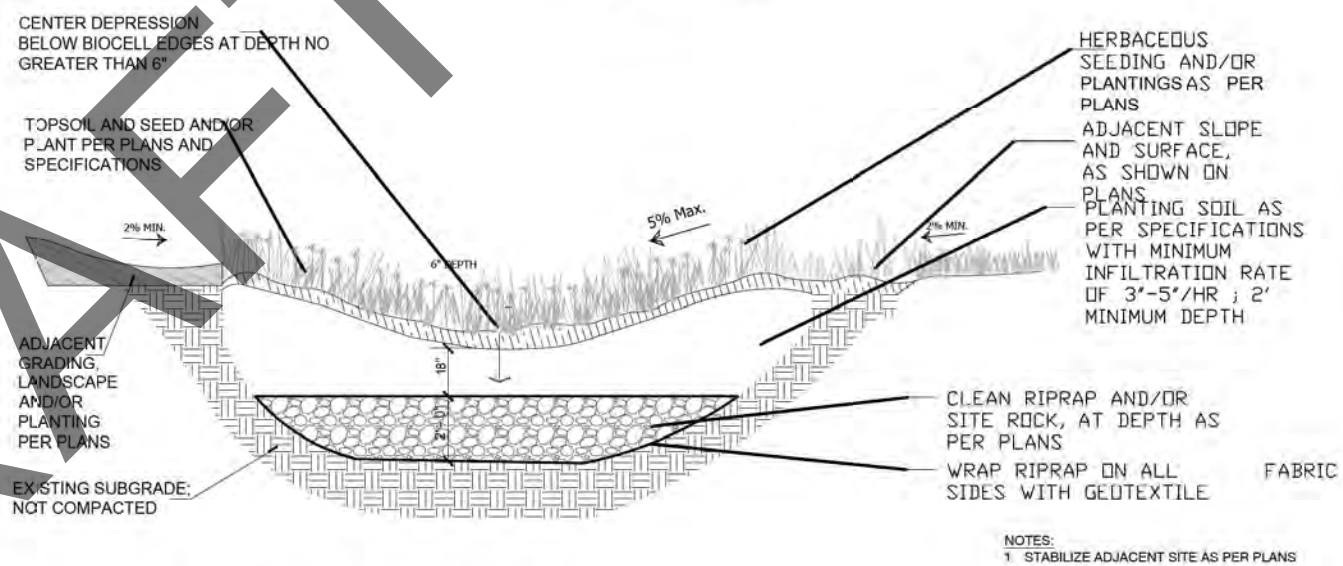
15 SHALLOW INFILTRATION BIOSWALE
NTS

DETAIL-FILE



11 VEGETATED BOULDER RIFFLE
NTS

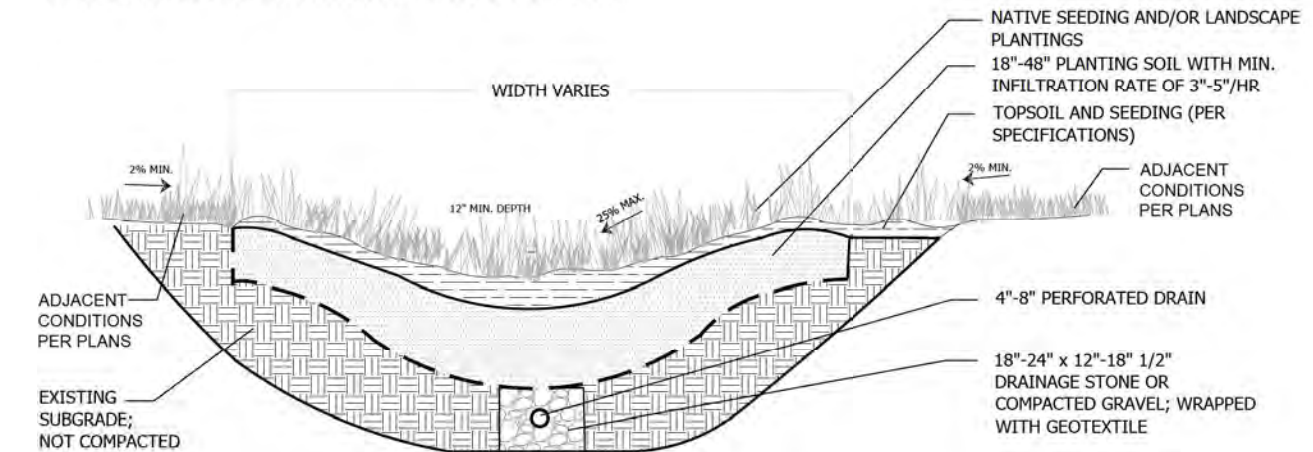
DETAIL-FILE



14 HERBACEOUS INFILTRATION BIOSWALE
NTS

DETAIL-FILE

NOTE: SUBSTITUTION OF GRASS AND/OR PERENNIAL SEEDING WILL COMPROMISE STORMWATER MANAGEMENT INTENT OF BIOSWALES. A MIX OF WOODY AND HERBACEOUS PLANTS IS HIGHLY RECOMMENDED.



16 INFILTRATION BIOSWALE
NTS

DETAIL-FILE

Vegetative Mat for Immediate Soil Cover

- Planting the veg mat:
- Create a depression in the location to receive the veg mat equal to the mat depth plus 12"
 - Prepare planting base with 12" native soil
 - Place the veg mat so the sides are fully covered by soil
 - Place soil between adjoining veg mats
 - Tamp veg mats to assure direct contact with soil
 - Water thoroughly and trim shoots back by 25%
 - Water regularly to assure mat does not dry out

- Harvesting a veg mat for transplanting (using a skid steer):
- Dimensions of the veg mats vary
 - Mat shall contain diverse native woody and/or herbaceous vegetation
 - Remove any invasive and non-native species
 - Harvest mat and transplant within same day
 - Harvest vegetative mats by cutting shoots, root, and soil mass as a deep block
 - Lift mat from the ground by hand or with mechanized equipment
 - Immediately transplant at the planting site

Information and photos courtesy of the Alaska Dept. of Fish and Game



12 VEGETATIVE MAT
NTS

DETAIL-FILE

DRAFT SUBMITTAL

NOTE

DATE

SPECIALTY DRAWINGS
PREPARED BY
SUSTAINABLE DESIGN
GROUP LLC
2415 E. ALASKA ST.
ANCHORAGE, AK 99505

DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
9101 VANGUARD DRIVE
ANCHORAGE, AK 99507

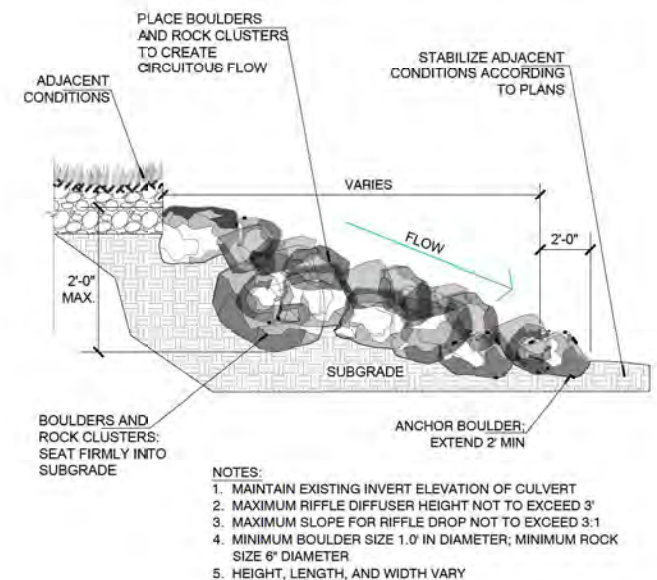
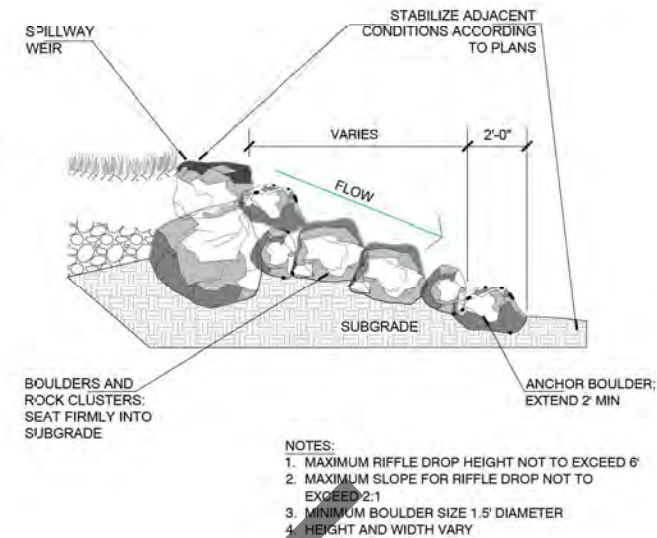
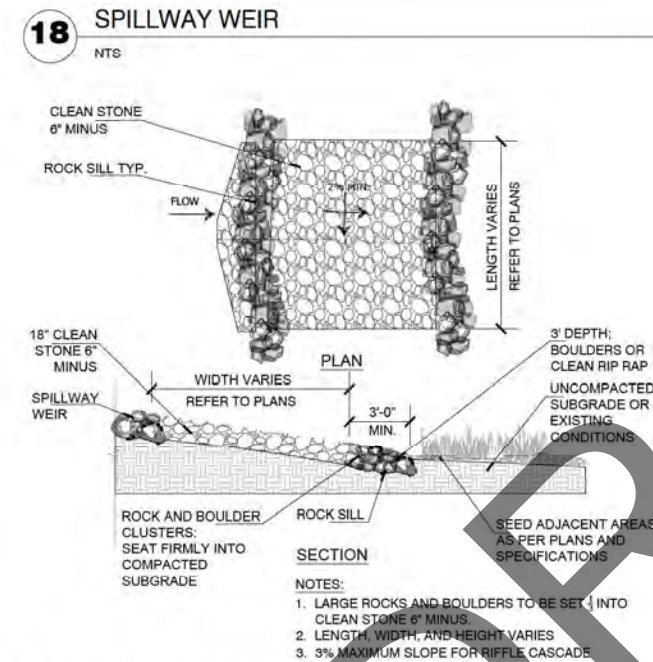
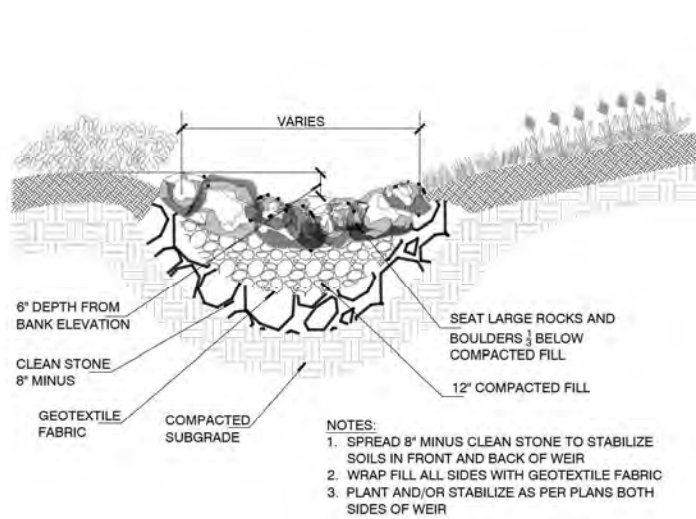
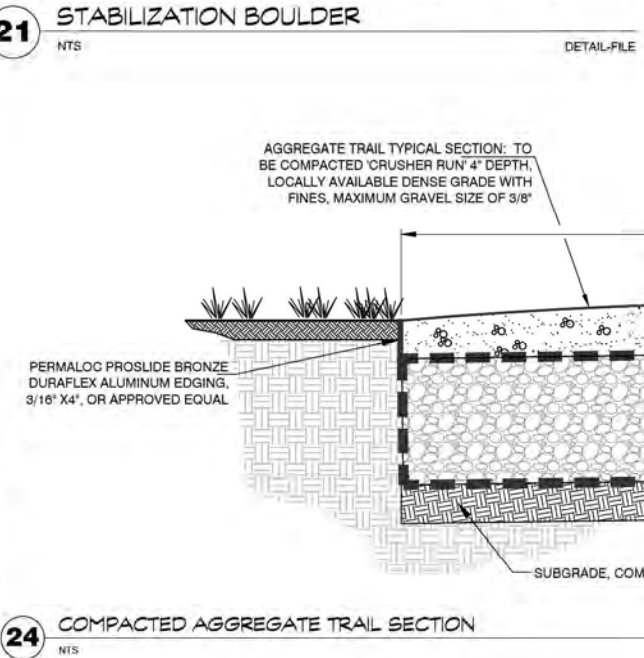
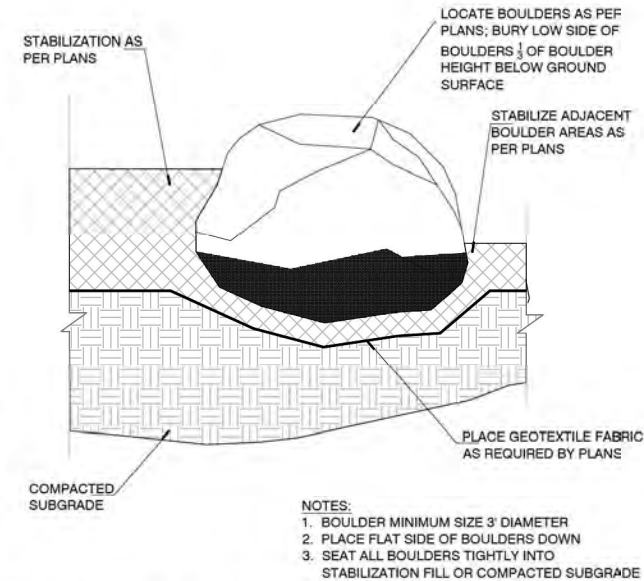
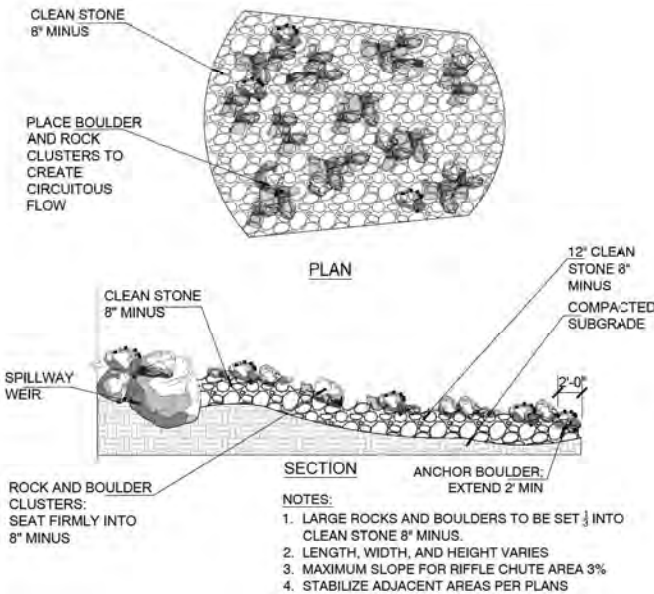
DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE



INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PE XX; DMVA XX
SCALE: NO SCALE
DRAWN BY: SM
PROJ. MGR: LW
ENGINEER: LW
DATE: 8/30/25

95% DESIGN
SHEET NO:
LP 502
1 of XX



CODE SUMMARY

VETERANS CEMETERY SALCHA ALASKA COMMITAL BUILDING

2021 INTERNATIONAL BUILDING CODE SUMMARY:

OCCUPANCY: IBC 311.2 GROUP A-3; ASSEMBLY, FUNERAL PARLORS

CONSTRUCTION TYPE: IBC 602.5: V-B, NO FIRE-RESISTANCE

FIRE SPRINKLERS NOT REQUIRED LESS THAN 12,000 SF, LESS THAN 300 OCCUPANTS PER IBC 903.2.1.3.

ALLOWABLE AREA FOR A-3 = 6,000 SF PER IBC TABLE 506.2. ACTUAL TOTAL BUILDING AREA = 822 SF.

FLOOR AREA PER OCCUPANT: IBC TABLE 1004.4: ASSEMBLY WITHOUT FIXED SEATS CHAIRS = 7 SF NET.

692 LESS 126 SF COFFIN AND CIRCULATION SPACE = 566/7 = 81 OCCUPANTS.

DOOR PANIC EXIT HARDWARE REQUIRED PER IBC 1010.2.9.

ONE 2A-10BC WALL HUNG FIRE EXTINGUISHERS NEAR DOOR.

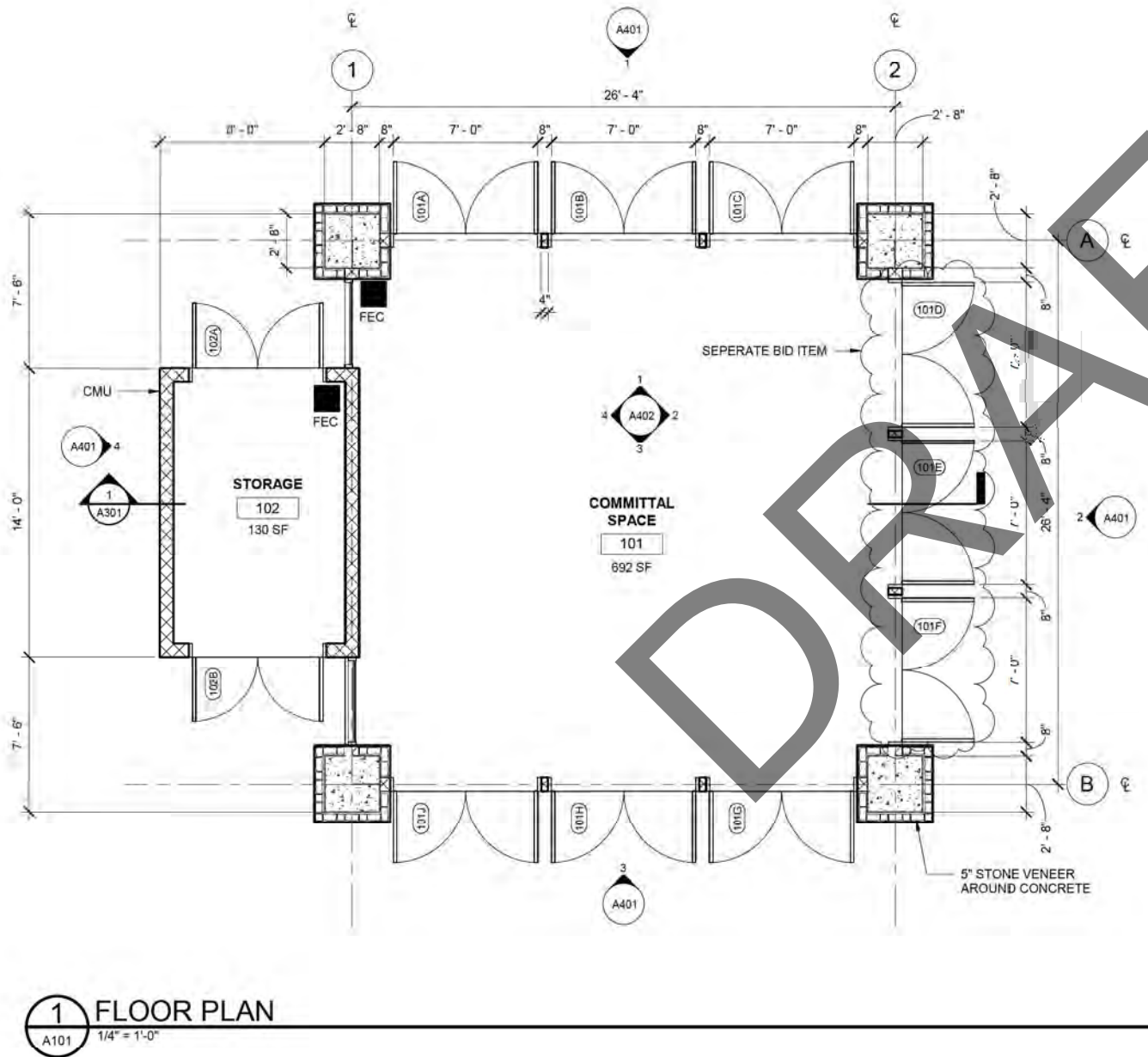
AREA

COMMITTAL SPACE: 692 SF

STORAGE: 130 SF

CODE LEGEND

FEC FIRE EXTINGUISHER WALL CABINET; PROVIDE & INSTALL



1 FLOOR PLAN

A101 1/4" = 1'-0"

95% DESIGN

VETERANS CEMETERY COMMITTAL SHELTER

CODE SUMMARY AND FLOOR PLAN

DRAWN BY: TOS

REVIEWED BY: JM

PROJ. MGR.: JM

JOB NO.: 2015033

DATE: 06/30/2025

SHEET NO. A101

1 OF 10

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES

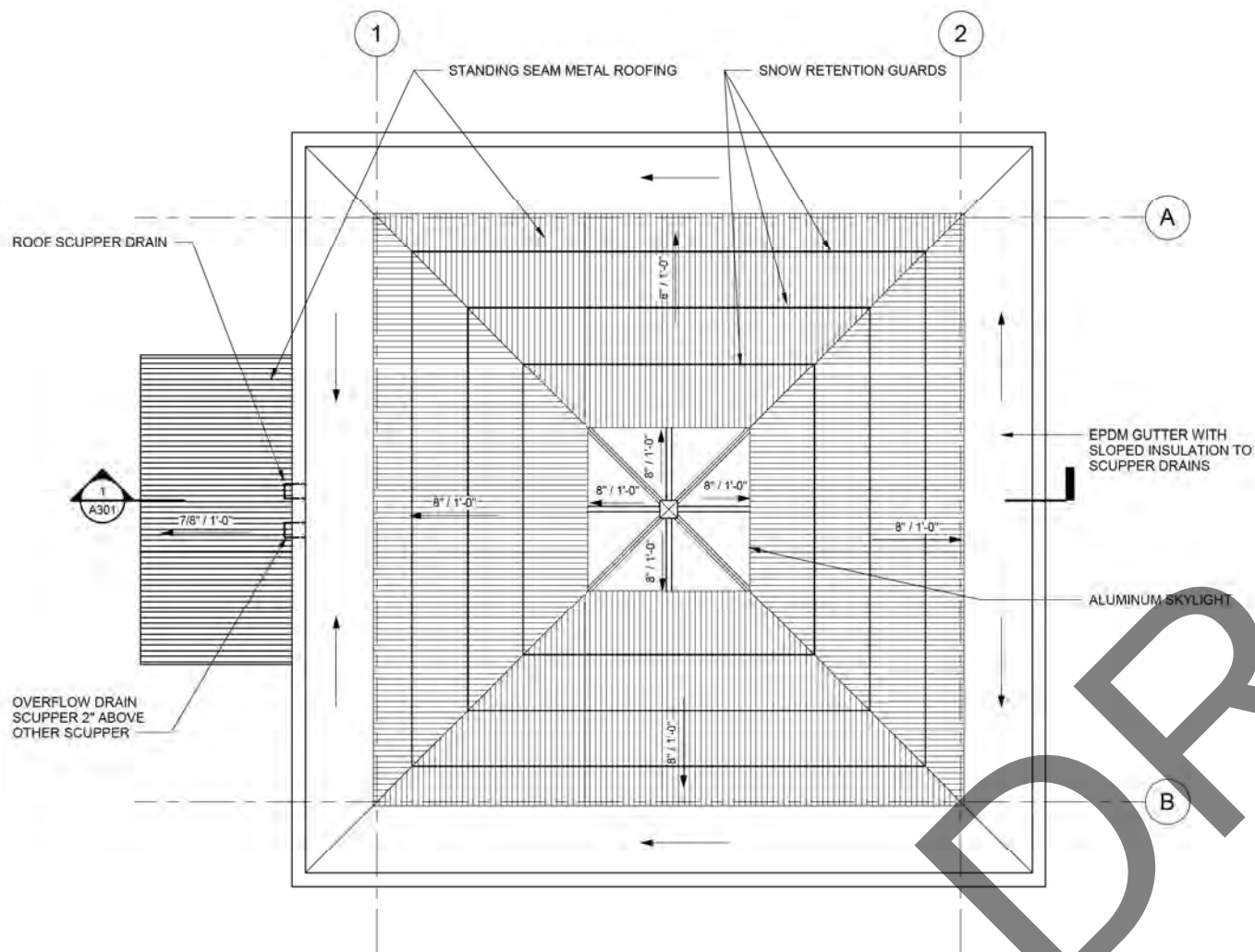


SALCHA, ALASKA

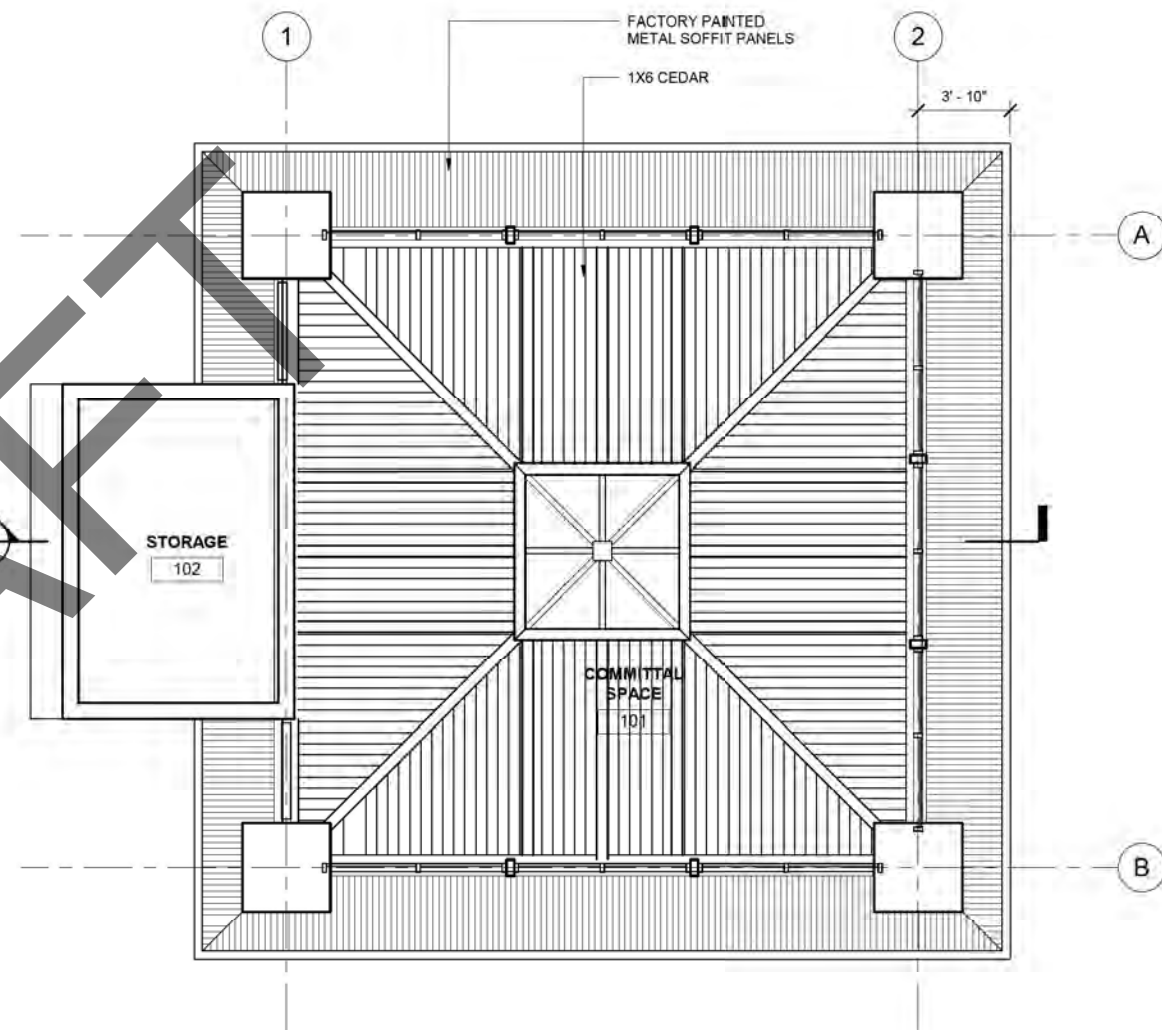
ARCHITECTURAL DRAWINGS PREPARED BY MCG EXPORE DESIGN 451 WEST 1ST AVE SUITE 300 ANCHORAGE ALASKA 99501

DRAWINGS PREPARED BY RRM CONSULTING INC 8101 VANDUARD DRIVE ANCHORAGE AK 99507

DATE	NOTE



1 ROOF PLAN
A102 1/4" = 1'-0"



2 REFLECTED CEILING PLAN
A102 1/4" = 1'-0"

95% DESIGN

VETERANS CEMETERY COMMITTEE
SHELTER
DOT/PT 20150333, DWG/A XX
ROOF PLAN AND REFLECTED CEILING PLAN

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 20150333
DATE: 06/30/2025

SHEET NO.
A102
2 OF 10

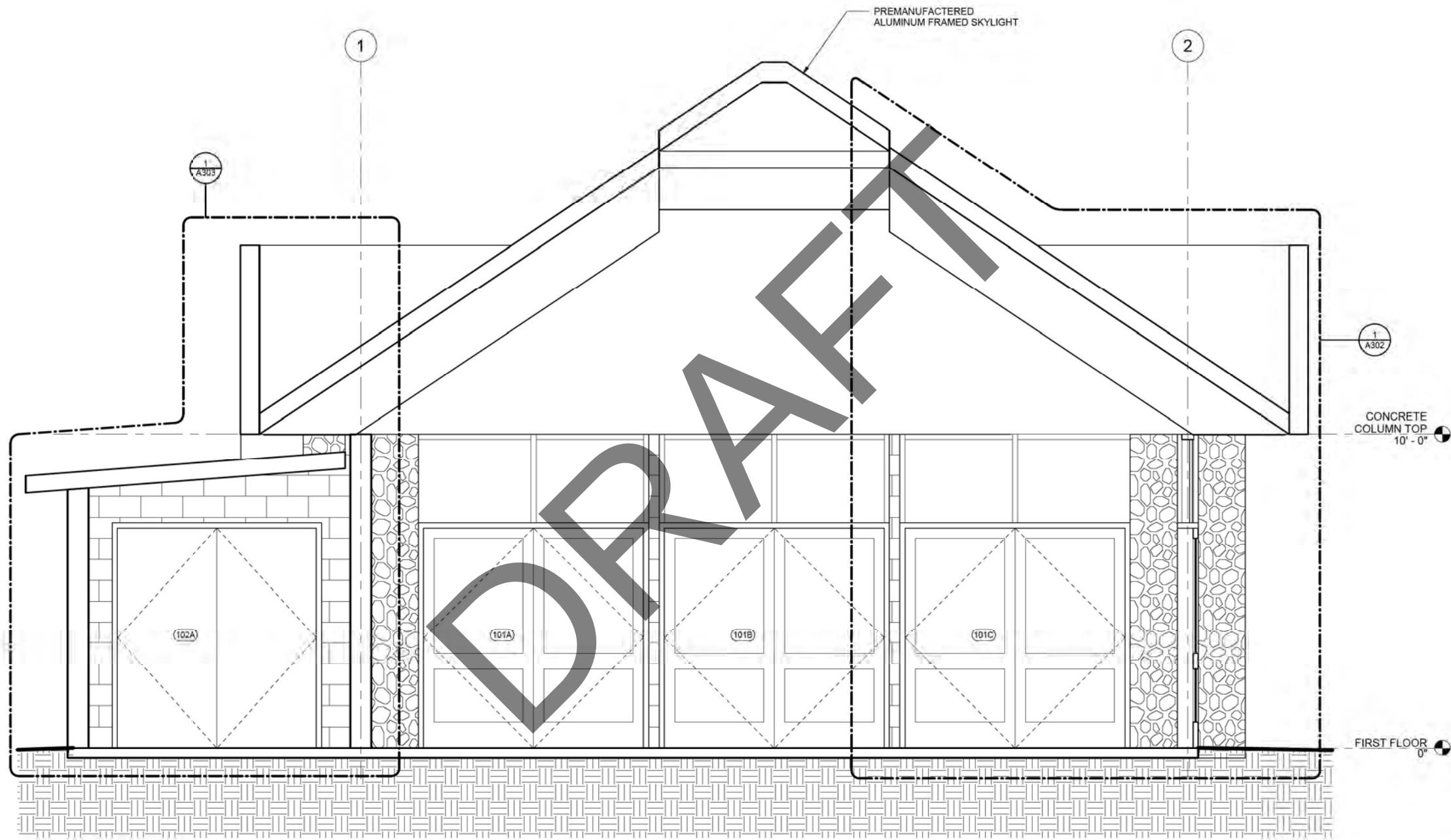
DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
SALCHA, ALASKA



DRAWINGS PREPARED BY
RPM CONSULTING, INC.
8101 VANDERBILT DRIVE
ANCHORAGE, AK 99507

ARCHITECTURAL DRAWINGS
REPAIRED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE. SUITE 300
ANCHORAGE, ALASKA 99501

DATE	NOTE



1 BUILDING SECTION
A301 1/2" = 1'-0"

95% DESIGN

VETERANS CEMETERY COMMITTAL
SHELTER

BUILDING SECTION

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2015033
DATE: 06/30/2025

SHEET NO.
A301

3 OF 10



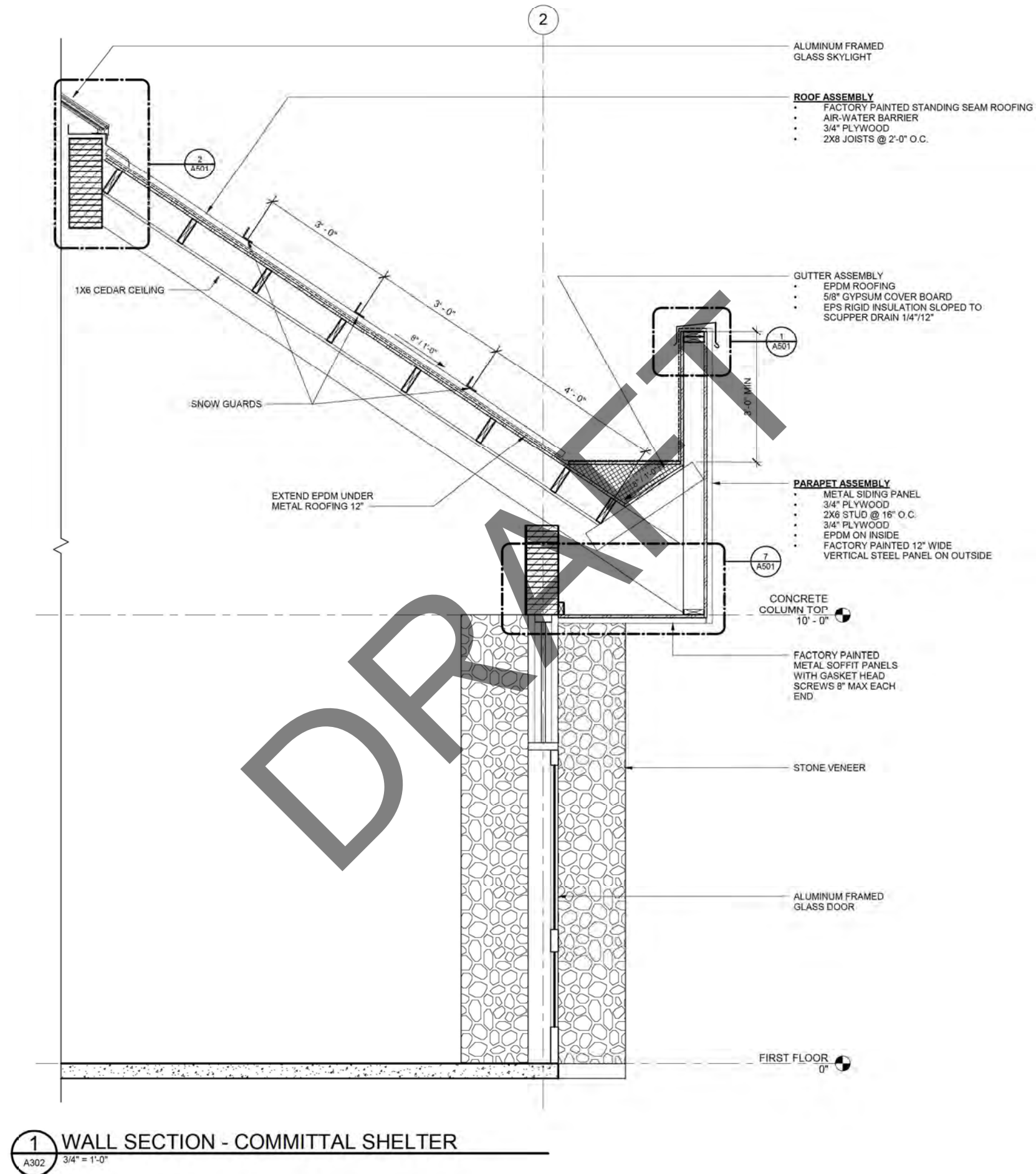
DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

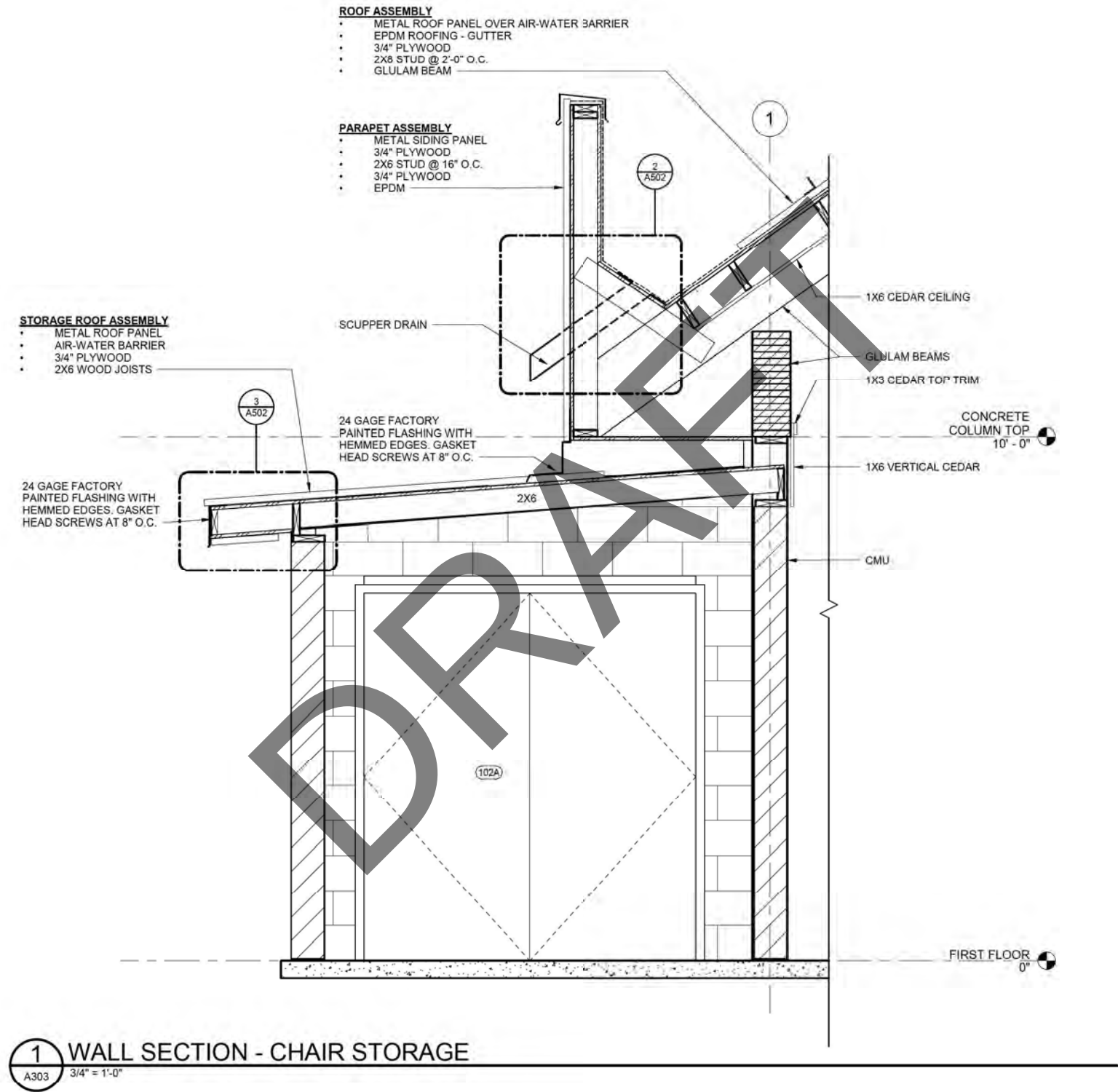
SALCHA, ALASKA

DRAWINGS PREPARED BY
R&M CONSULTING, INC.
8101 VANGUARD DRIVE
ANCHORAGE, AK 99507

ARCHITECTURAL DRAWINGS
REPAIRED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE. SUITE 200
ANCHORAGE, ALASKA 99501

DATE NOTE





1 WALL SECTION - CHAIR STORAGE
A303 3/4" = 1'-0"

95% DESIGN

VETERANS CEMETERY COMMITTEE
SHELTER

DOT/PT 20150333 DWG/A XX
WALL SECTION

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 20150333
DATE: 06/30/2025

SHEET NO.
A303

5 OF 10



DEPARTMENT OF TRANSPORTATION AND
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SALCHA, ALASKA

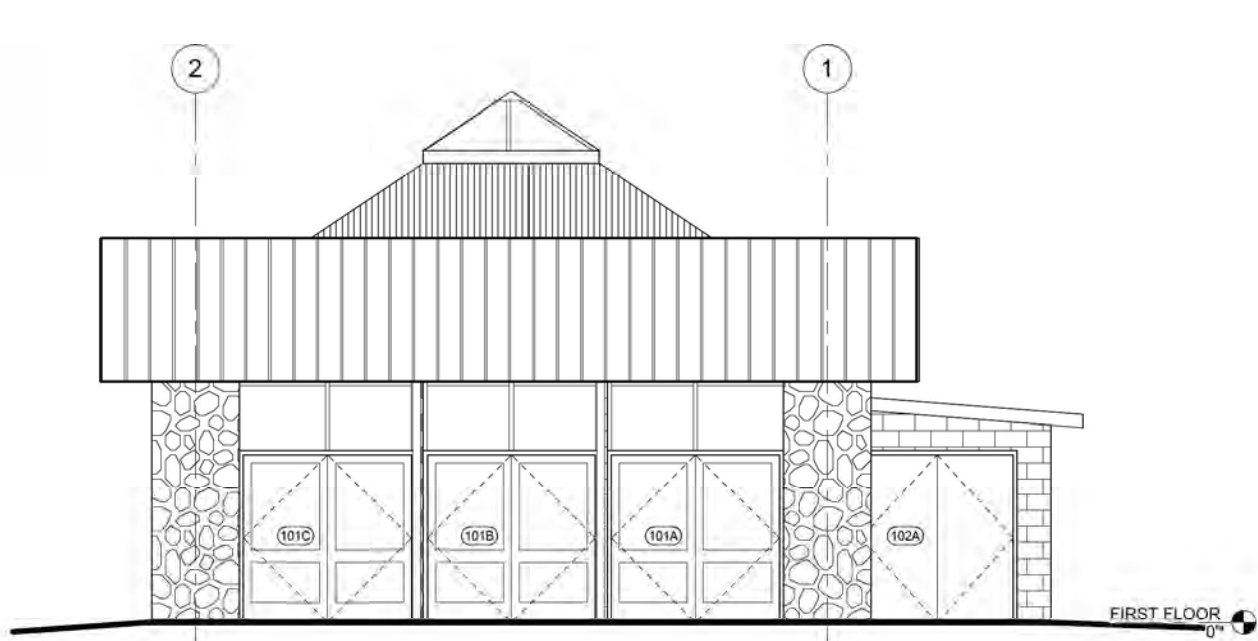
DRAWINGS PREPARED BY
R&M CONSULTING, INC.
8101 VANCLARK DRIVE
ANCHORAGE, AK 99507

ARCHITECTURAL DRAWINGS
REPAIRED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE. SUITE 207
ANCHORAGE, ALASKA 99501

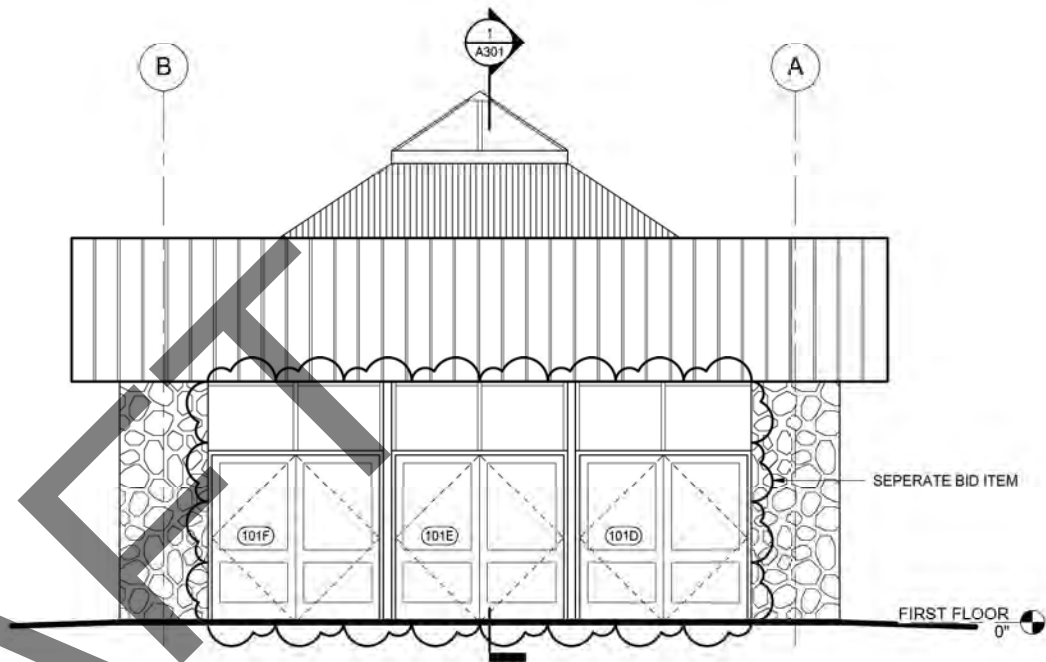
DATE NOTE

EXTERIOR FINISHES

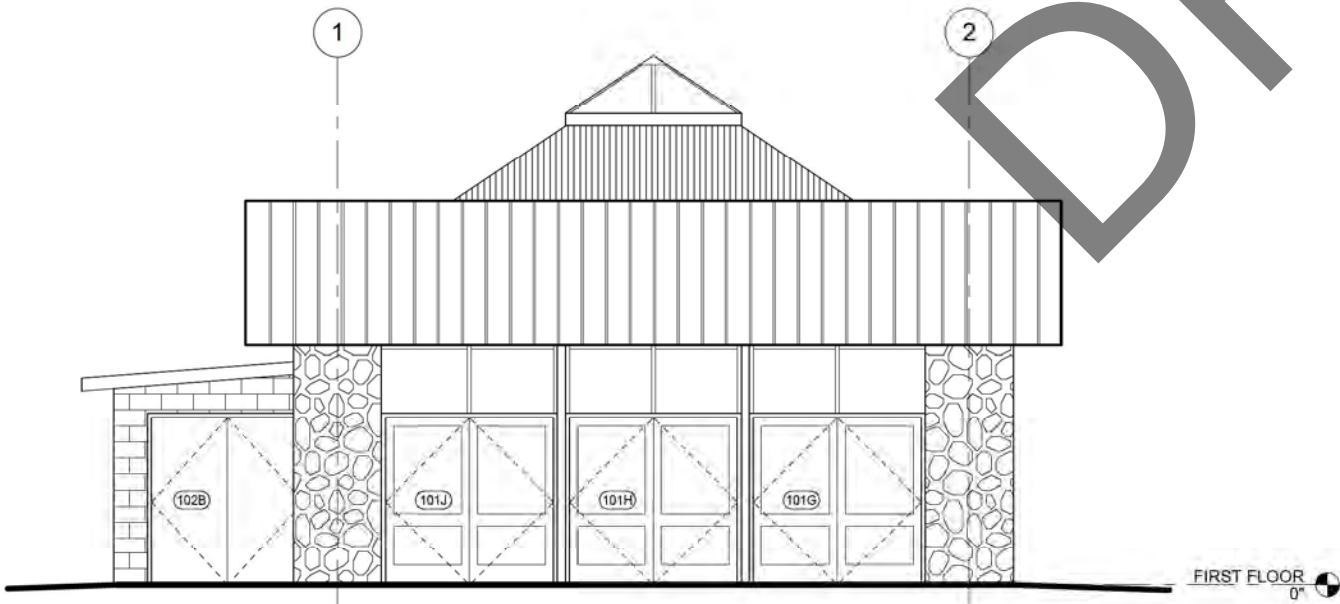
ROOF	FACTORY PAINTED STEEL STANDING SEEM OVER WOOD DECK
SKYLIGHT	BRONZE ANODIZED ALUMINUM FRAMED GLASS
COLUMNS	CONCRETE WITH STONE VENEER
DOORS	BRONZE ANODIZED ALUMINUM FRAMED GLASS
FASCIA	VERTICAL 12" WIDE 1" REVEAL FACTORY PAINTED METAL



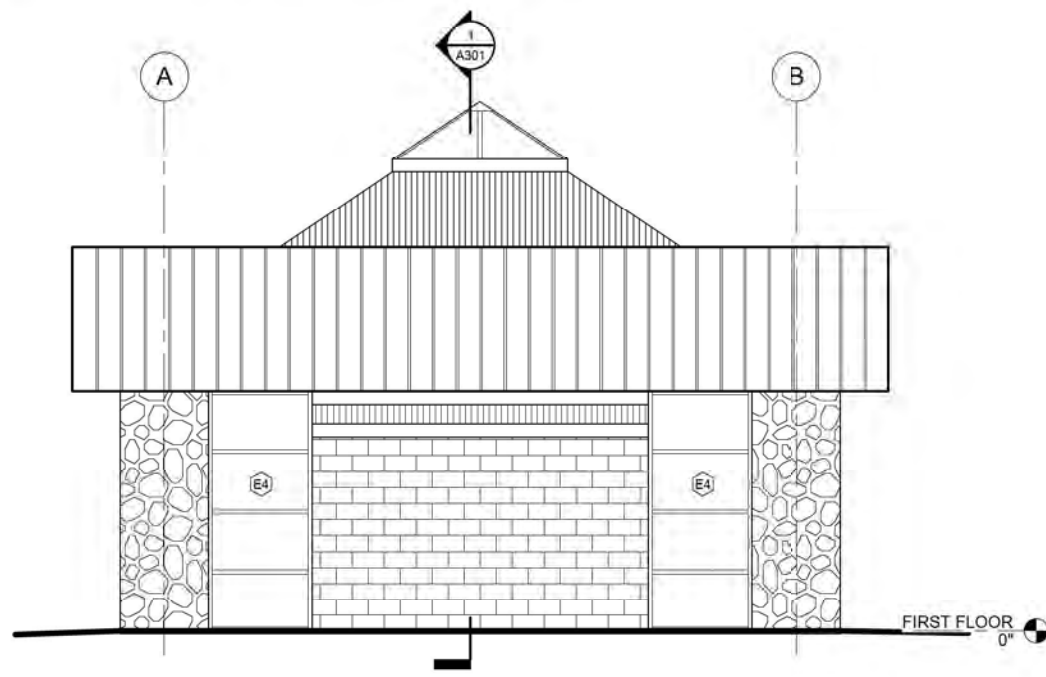
1 EXTERIOR ELEVATION
A401 1/4" = 1'-0"



2 EXTERIOR ELEVATION
A401 1/4" = 1'-0"



3 EXTERIOR ELEVATION
A401 1/4" = 1'-0"



4 EXTERIOR ELEVATION
A401 1/4" = 1'-0"

DATE	NOTE

ARCHITECTURAL DRAWINGS
REPAIRED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE. SUITE 200
ANCHORAGE, ALASKA 99501

DRAWINGS PREPARED BY
R&M CONSULTING, INC.
8101 VANGUARD DRIVE
ANCHORAGE, AK 99507

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
SALCHA, ALASKA



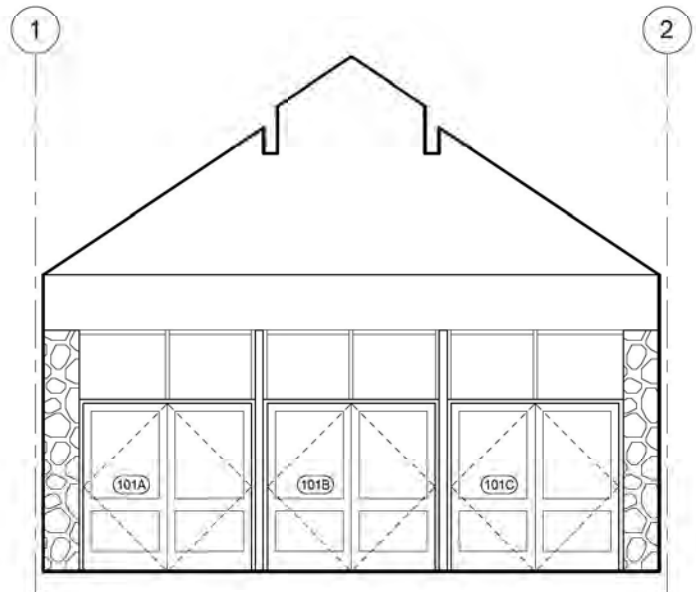
VETERANS CEMETERY COMMITTAL
SHELTER
DOT/PT 26033000, DWG/A XX
EXTERIOR ELEVATIONS

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2615033
DATE: 06/30/2025

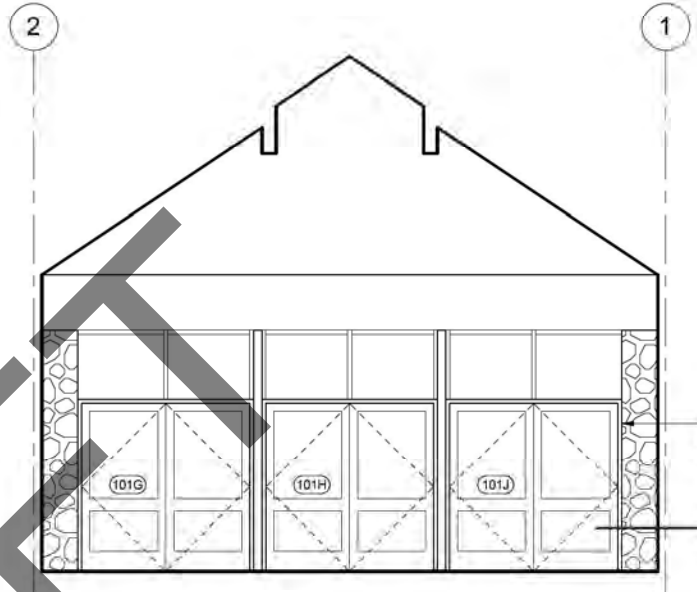
SHEET NO.
A401

KEY NOTES

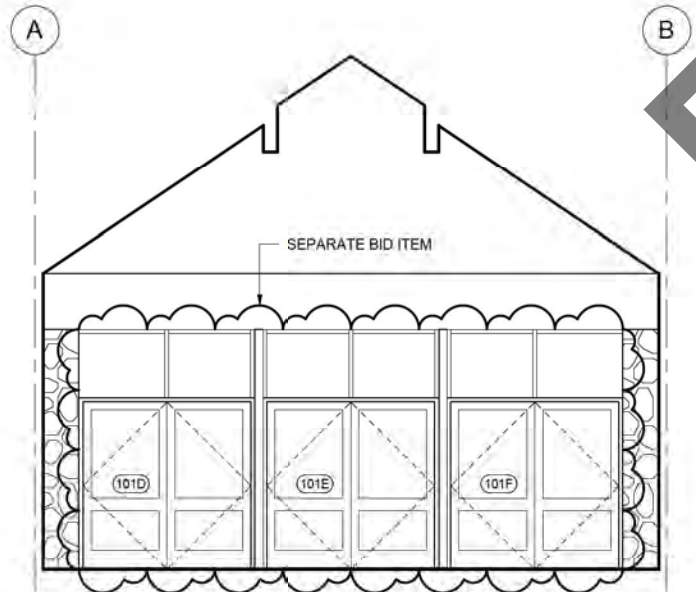
- 1) 6 CAST ALUMINUM SEALS ONE EACH
MILITARY BRANCH
WWW.WOODLANDMANUFACTURING.COM
OR
WWW.METALDESIGLLC.COM



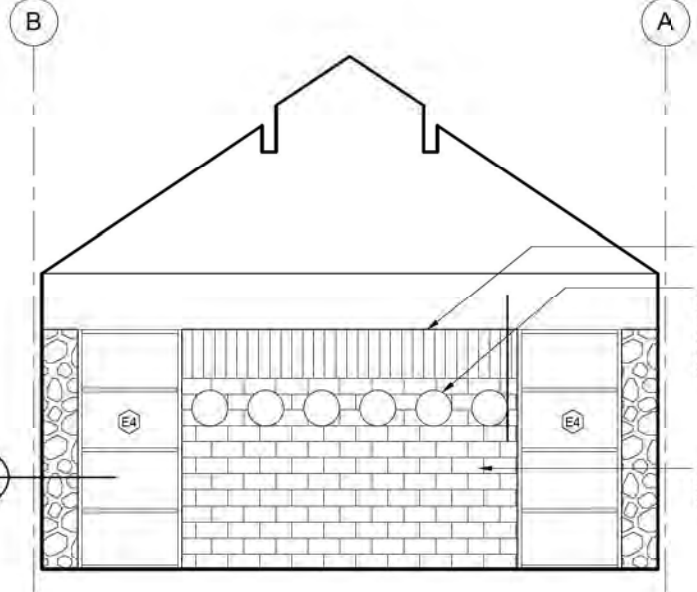
1 INTERIOR ELEVATION - COMMITAL SPACE
A402 1/4" = 1'-0"



3 INTERIOR ELEVATION - COMMITAL SPACE
A402 1/4" = 1'-0"



2 INTERIOR ELEVATION - COMMITAL SPACE
A402 1/4" = 1'-0"



4 INTERIOR ELEVATION - COMMITAL SPACE
A402 1/4" = 1'-0"

DATE	NOTE

ARCHITECTURAL DRAWINGS
PREPARED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE. SUITE 200
ANCHORAGE, ALASKA 99501

DRAWINGS PREPARED BY
R&M CONSULTING, INC.
8101 VANGUARD DRIVE
ANCHORAGE, AK 99507

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES
SALCHA, ALASKA



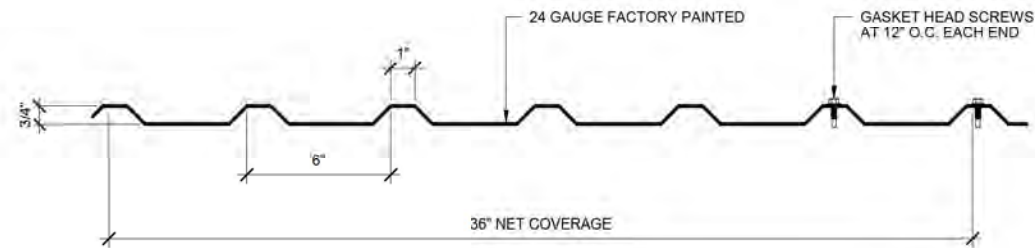
VETERANS CEMETERY COMMITAL
SHELTER
INTERIOR ELEVATIONS
DOT/PT 26033003 DWG/A XX

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2615033
DATE: 06/30/2025

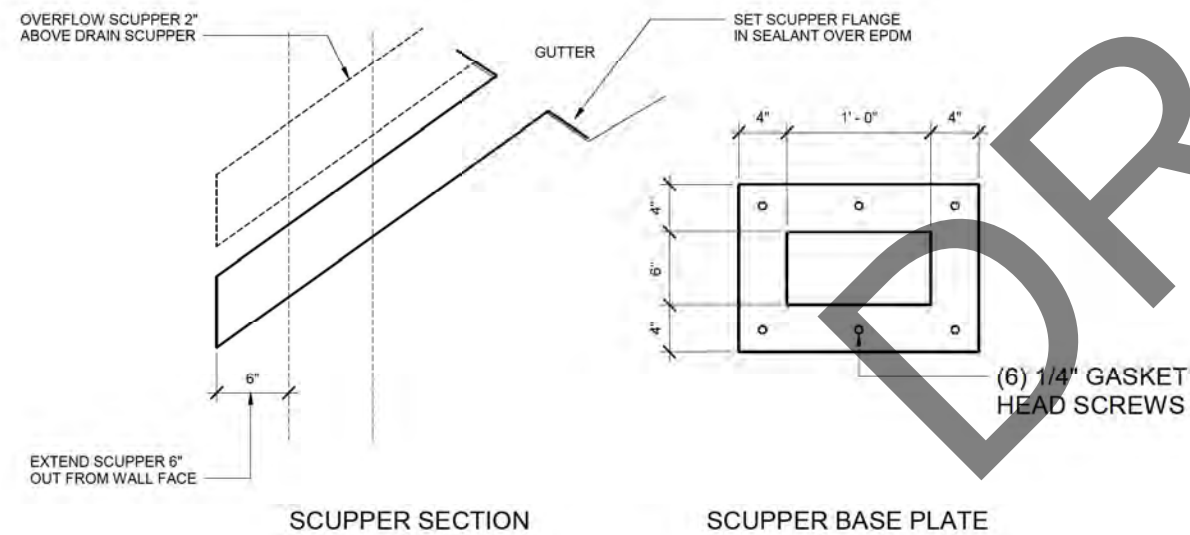
SHEET NO.
A402
7 OF 10

95% DESIGN





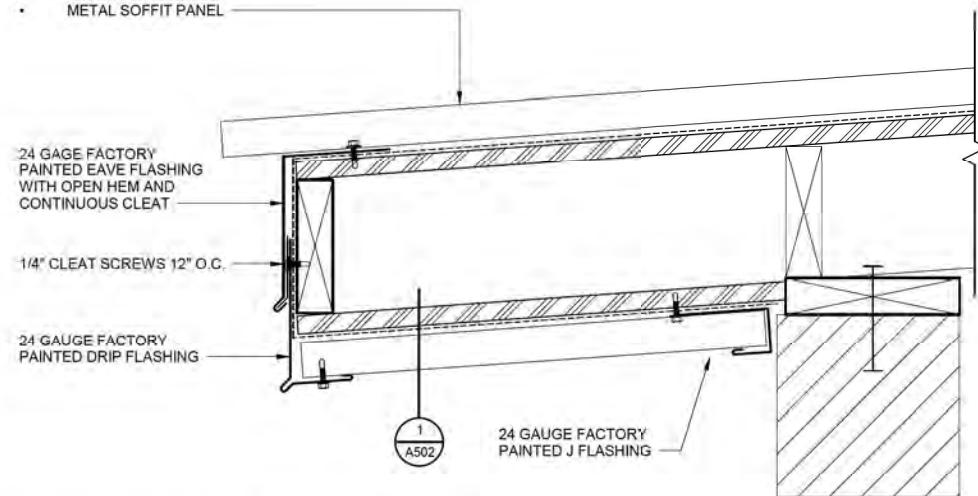
1 METAL SOFFIT
A502 3" = 1'-0"



FAB FROM 16 GAUGE GALVANIZED SHEET STEEL. JOINTS WELDED WATERTIGHT. WIRE BRUSH WELD AREAS & COAT WITH ZINC RICH PAINT. 2 SCUPPERS: MAIN & OVERFLOW

2 GUTTER DRAIN SCUPPERS
A502 1 1/2" = 1'-0"

- STORAGE ROOF ASSEMBLY**
- METAL ROOF PANEL
 - AIR-WATER BARRIER
 - 3/4" PLYWOOD
 - WOOD JOISTS
 - 3/4" PLYWOOD
 - AIR-WATER BARRIER
 - METAL SOFFIT PANEL



3 STORAGE ROOF EAVE
A502 3" = 1'-0"

95% DESIGN

VETERANS CEMETERY COMMITAL
SHELTER

DETAILS

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR: JM
JOB NO: 2015033
DATE: 06/30/2025

SHEET NO.
A502

9 OF 10



DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

SALCHA, ALASKA

DRAWINGS PREPARED BY
R&M CONSULTING, INC.
8101 VANGUARD DRIVE
ANCHORAGE, AK 99507

ARCHITECTURAL DRAWINGS
PREPARED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE. SUITE 200
ANCHORAGE, ALASKA 99507

DATE NOTE

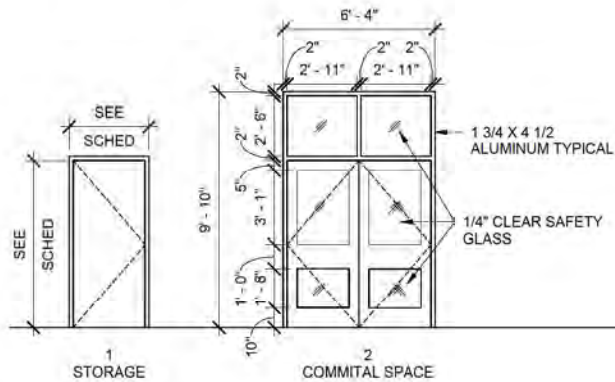
DOOR SCHEDULE											
DOOR #	ROOM NAME	WIDTH		HEIGHT	DOOR TYPE	FRAME TYPE	FIRE RATING	DETAILS			NOTES
		LEAF 1	LEAF 2					HEAD	JAMB	SILL	
101A	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	
101B	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	
101C	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	
101D	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	SEPARATE BID ITEM
101E	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	SEPARATE BID ITEM
101F	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	SEPARATE BID ITEM
101G	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	
101H	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	
101J	COMMITTAL SPACE	3' - 6"	3' - 6"	7' - 0"	2	ALUM	N	7/A501	5/A501	1	
102A	STORAGE	3' - 2"	3' - 2"	7' - 0"	1	HM-1	N	4/A501	4/A501	1	1
102B	STORAGE	3' - 2"	3' - 2"	7' - 0"	1	HM-1	N	4/A501	4/A501	1	1

DOOR LEGEND

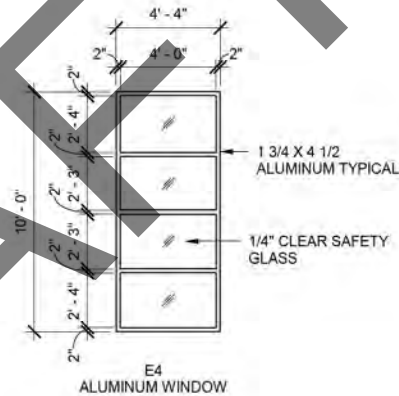
ALUM ALUMINUM DOOR/FRAME
PR PAIR DOOR
ST HOLLOW STEEL DOOR AND FRAME
1 STEEL FRAME HEADER AT CMU
N NONE

KEY NOTES

- 1) SILL IS CONCRETE - REF STRUCT WITH ALUMINUM THRESHOLD



1 COMMITTAL DOOR TYPES
A601 1/4" = 1'-0"



2 COMMITTAL WINDOW TYPES
A601 1/4" = 1'-0"

ROOM FINISH SCHEDULE								
ROOM NO.	ROOM NAME	FLOOR		N WALL FINISH	E WALL FINISH	S WALL FINISH	W WALL FINISH	CEILING FIN.
		FIN.	BASE					
101	COMMITTAL SPACE	CONC	H. CMU / CMU	CMU	CMU	CMU	CMU	EXPF
102	STORAGE	CONC	N. CMU / CMU	CMU	CMU	CMU	CMU	EXP

FINISH LEGEND

CONCRETE - SMOOTH TROWL WITH FINISH-HARDNER
EXP - EXPOSED STRUCTURE, NO FIELD FINISH
N - NONE
CMU - 8" SPLIT FACE CONCRETE MASONRY - FIELD STAIN
EXPF - EXPOSED STRUCTURE, CLEAR URETHANE FINISH

95% DESIGN

VETERANS CEMETERY COMMITTAL SHELTER SCHEDULES

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR: JM
JOB NO: 2015033
DATE: 06/30/2025
SHEET NO. A601
10 OF 10

DATE

NOTE

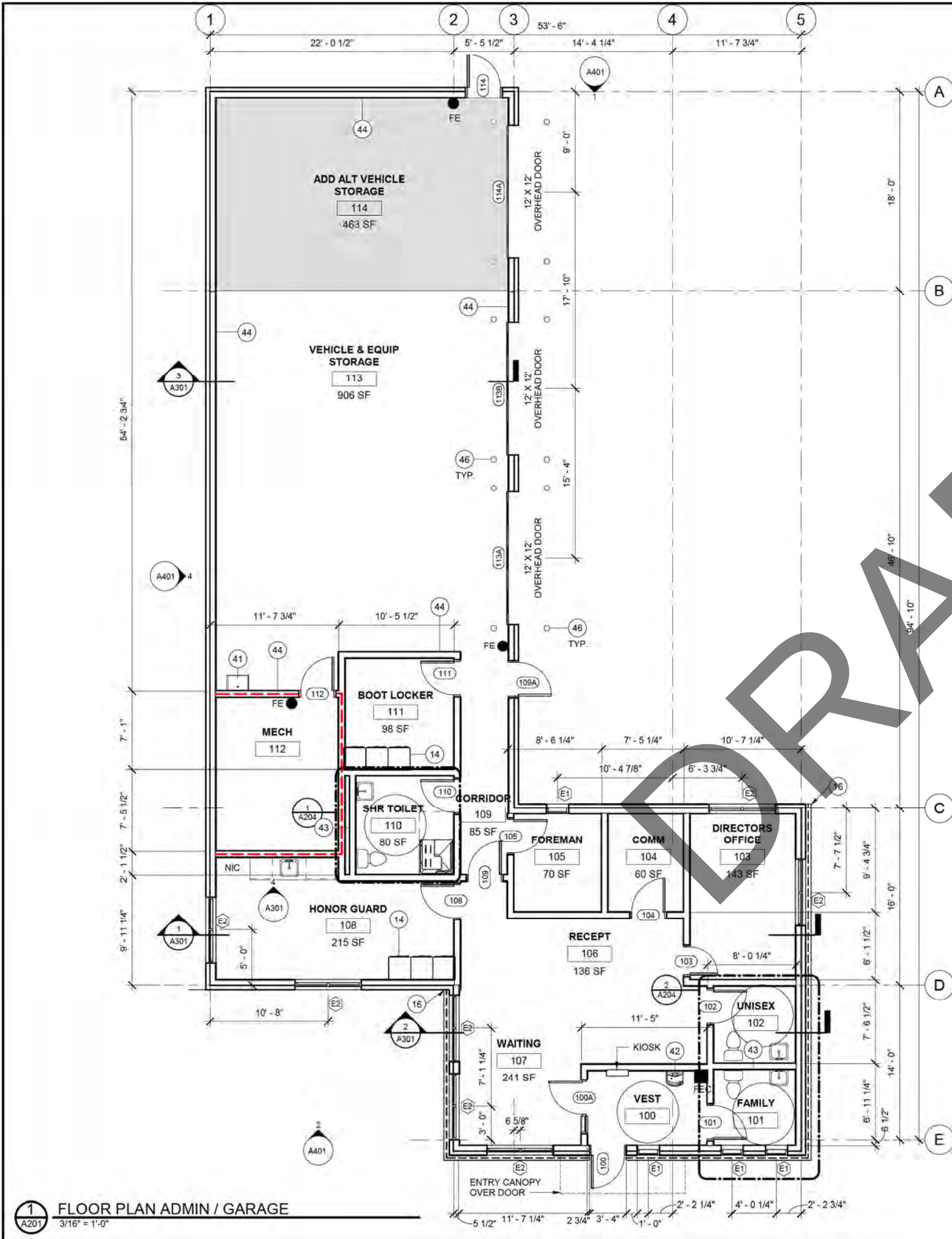
ARCHITECTURAL DRAWINGS PREPARED BY MCG EXPORE DESIGN 451 WEST 1ST AVE SUITE 200 ANCHORAGE, ALASKA 99501

DRAWINGS PREPARED BY RRM CONSULTING, INC. 8101 VANGUARD DRIVE ANCHORAGE, AK 99507

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES

SALCHA, ALASKA

DOT/PT 2003.0002, DWA/A XX



1 FLOOR PLAN ADMIN / GARAGE
3/16" = 1'-0"

CODE SUMMARY

VET CEMETERY SALCHA ALASKA ADMIN/MAINT BUILDING

2021. INTERNATIONAL BUILDING CODE SUMMARY:

OCCUPANCY TYPE: IBC 311.2 GROUP S-1; MODERATE HAZARD, STORAGE OF EQUIPMENT AND VEHICLES COMPLYING WITH MAX ALLOWABLE QUANTITIES OF HAZADOUS MATERIALS PER TABLE 307.1(1).

OCCUPANCY IBC 304.1 GROUP B BUSINESS INCLUDING OFFICES, PROFESSIONAL SERVICES, RECORD STORAGE.

CONSTRUCTION TYPE: IBC 602.5 V-B NONCOMBUSTIBLE, NO FIRE-RESISTANCE.

FIRE SPRINKLERS NOT REQUIRED PER IBC 903.

ALLOWABLE AREA FOR B= 9,000SF PER TABLE 506.2. ACTUAL TOTAL BUILDING AREA = 3230 SF.

ALLOWABLE AREA FOR S-1 = 9,000 SF PER TABLE 506.2. ACTUAL TOTAL BUILDING AREA = 3230 SF.

NONSEPARATED OCCUPANCIES: B AND S-1 ARE NOT REQUIRED TO BE FIRE SEPARATED PER TABLE 508.4

FURNACE AND BOILER ROOMS SHALL BE SEPARATED BY 1-HOUR PER TABLE 509.1 WITH A FIRE BARRIER PER 707.

1-HOUR WALL PER IBC TABLE 721.1 (2) ITEM 14-1.3. MECH ROOM INTERIOR WALL.

1-HOUR CEILING PER IBC TABLE 721.1 (3) ITEM 21-1.1. MECH ROOM CEILING.

FLOOR AREA PER OCCUPANT: IBC TABLE 1004.5: INDUSTRIAL = 1 OCCUPANT/ 100 SF GROSS. 3230/100 = 33 OCCUPANTS.

SPACES WITH ONE EXIT IBC TABLE 1006.2.1: GROUP S = 49 MAX OCCUPANTS. COMMON PATH OF EGRESS TRAVEL DISTANCE = 75 FT.

ONE 2A-10BC WALL HUNG FIRE EXTINGUISHER NEAR EXIT DOORS.

FOAM PLASTIC INSULATED SHEET STEEL CLAD WALL & ROOF PANELS ((IMP) SHALL COMPLY WITH IBC 2603; NO ADDITIONAL THERMAL BARRIER REQUIRED.

INTERIOR AREA
BASE: 2,496 GROSS SF
ADD ALT: 463 GROSS SF
TOTAL: 2,959 GROSS SF

CODE LEGEND

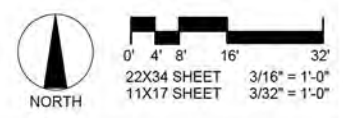
- FEC FIRE EXTINGUISHER WALL CABINET; PROVIDE & INSTALL
 - FE WALL BRACKET MOUNT; PROVIDE & INSTALL
- NOTE
- COORDINATE LOCATION OF FIRE EXTINGUISHERS WITH EQUIPMENT AT MECHANICAL AND EXTERIOR ROOMS.
 - PORTABLE FIRE EXTINGUISHER TYPE: MIN. 2A-10BC AT EACH DOOR
- 1 HR RATED ASSEMBLY

GENERAL NOTES

- INTERIOR WALLS: 2X6 16" O.C. WITH SOUND BATT INSULATION TO BOTTOM OF TRUSSES.

KEYNOTES

- 12 LOCKERS - 24" W X 36"H X 24" HIGH
- DASHED LINE DENOTES LIMIT OF STONE VENEER
- JANITOR SINK
- DRINK FOUNTAIN & BOTTLE FILL
- 6" STUD PLUMBING WALLS
- 8'-0" HIGH 3/4" PLYWOOD ON STUD WALLS ON VEHICLE STORAGE STUD WALLS
- BOLLARDS AT EACH JAMB, INSIDE AND EXTERIOR OF OHD DOORS, PER CIVIL DRAWINGS



95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)
CODE SUMMARY AND FLOOR PLAN ADMIN / GARAGE

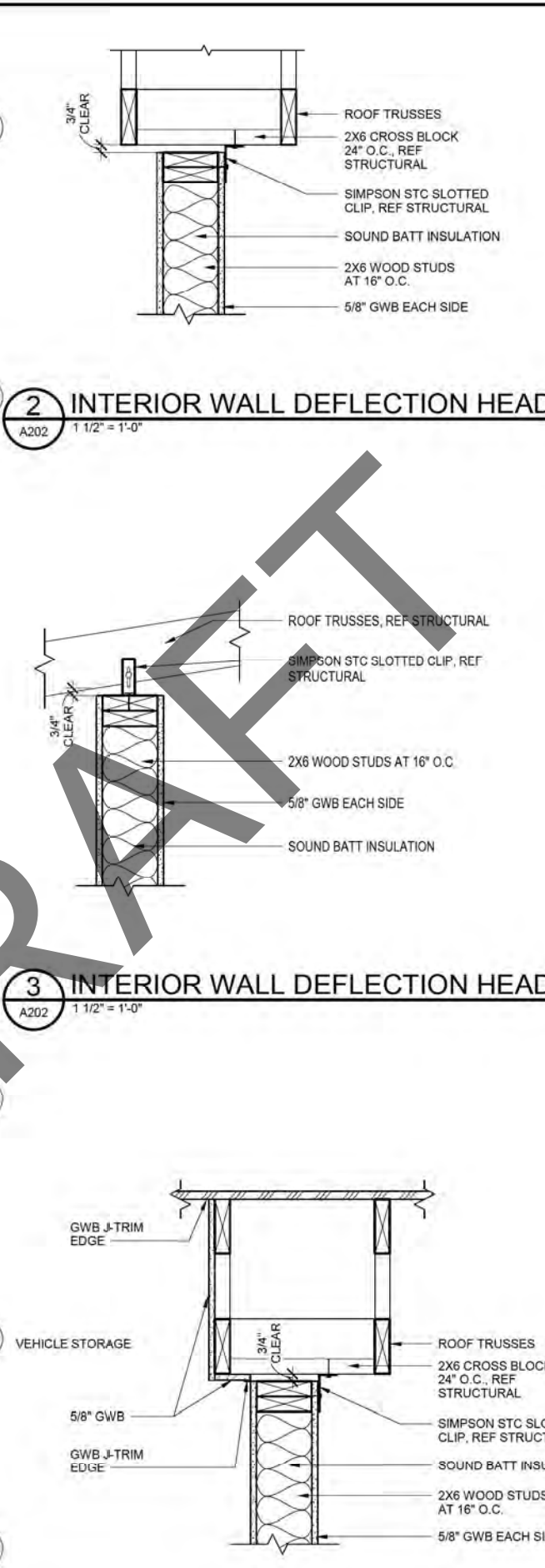
DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2015033
DATE: 06/30/2025

SHEET NO. A201
1 OF 10

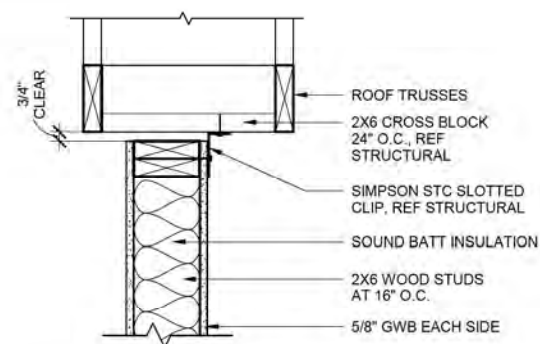
ARCHITECTURAL DRAWINGS
REPAIRED BY
MCO EXPOSE DESIGN
451 WEST 1ST AVE. SUITE 300
ANCHORAGE, ALASKA 99501

DRAWINGS PREPARED BY
R&M CONSULTING INC
8101 VANDUARD DRIVE
ANCHORAGE, AK 99507

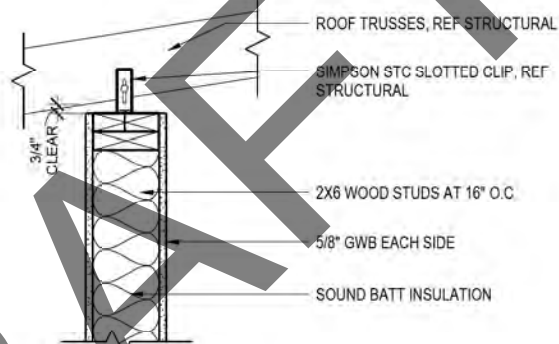
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES
DEPARTMENT OF MILITARY AND VETERANS AFFAIRS FACILITIES MAINTENANCE OFFICE



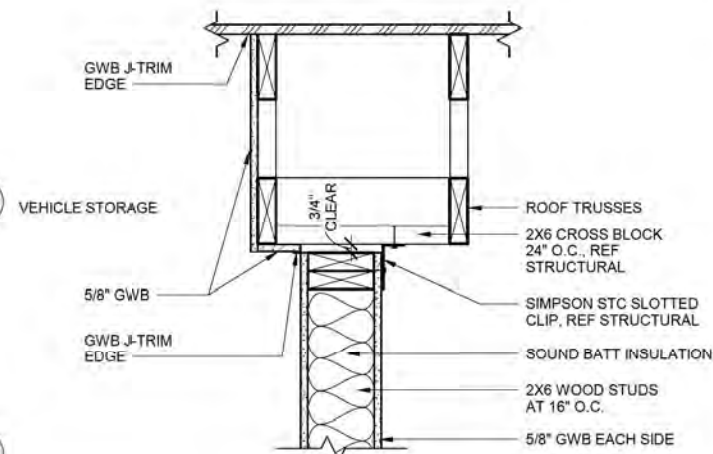
6 MECHANICAL ROOM INTERIOR WALLS
A202 1 1/2" = 1'-0"



B 2 INTERIOR WALL DEFLECTION HEAD



3 INTERIOR WALL DEFLECTION HEAD
A202 1 1/2" = 1'-0"



4 VEHICLE STORAGE WALL HEAD
A202 1 1/2" = 1'-0"

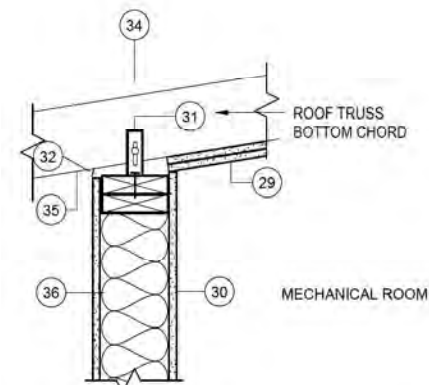
ACT1 - 24X48 SUSPENDED
CEILING GRID

GWB, PAINTED

8' - 0"

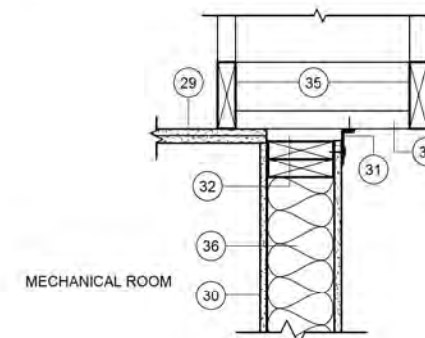
ELEVATION TAG

OPEN TO STRUCTURE

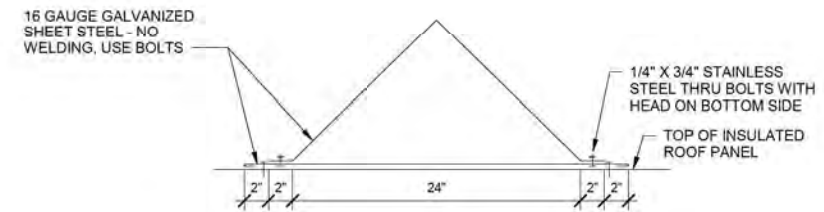
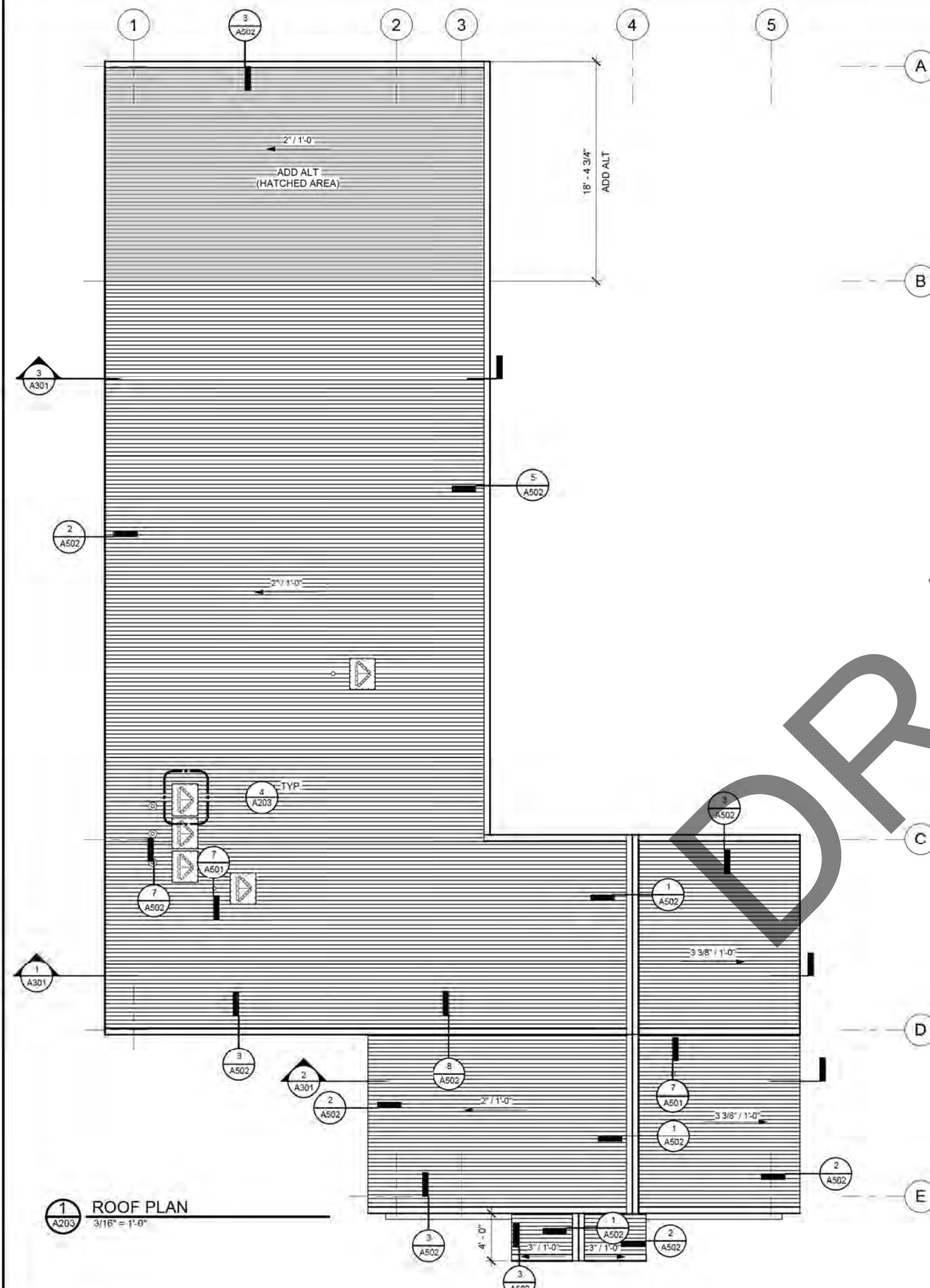


5 MECHANICAL ROOM INTERIOR WALLS
A202 1 1/2" = 1'-0"

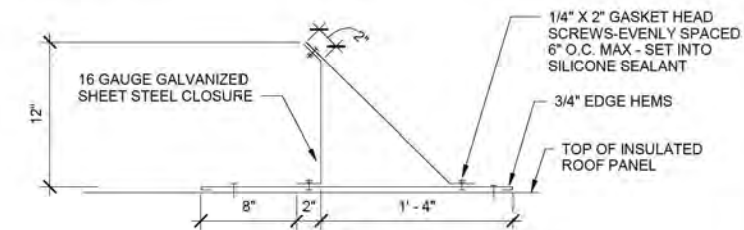
29 2 LAYERS 5/8" TYPE X GYP BOARD ON BOTTOM OF WOOD ROOF TRUSSES PER IBC
TABLE 721.1(3) ITEM 21-1.1 FOR 1-HOUR FIRE RESISTANCE.
30 1-LAYER 5/8" TYPE X GYP BOARD EACH SIDE OF WOOD STUDS PER IBC TABLE 721.1(2) ITEM
14-1.3 FOR 1-HOUR FIRE RESISTANCE.
31 SIMPSON STC JOIST CLIP, REF STRUCTURAL
32 3/4" CLEARANCE. FILL WITH MINERAL WOOL INSULATION
34 2 X 6 CROSS BLOCKING BETWEEN TRUSSES AT 24" O.C., REF STRUCTURAL
35 ROOF TRUSSES AT 24" O.C.
36 WOOD STUDS WITH SOUND BATT INSULATION.



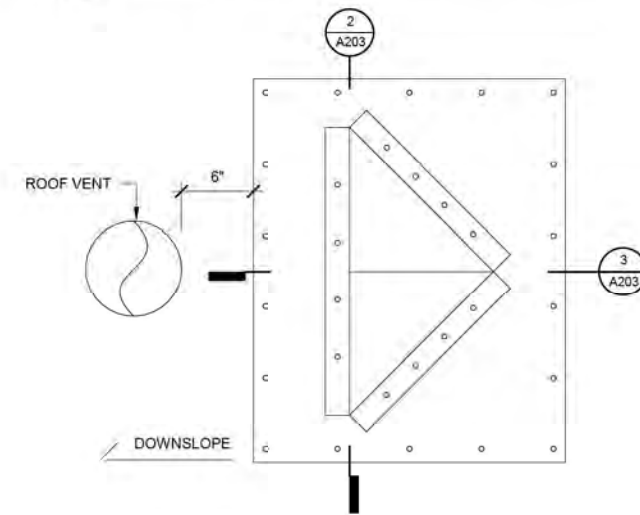
6 MECHANICAL ROOM INTERIOR WALLS
A202 1 1/2" = 1'-0"



2 SNOW DIVERTER ELEVATION
A203 1 1/2" = 1'-0"



3 SNOW DIVERTER SECTION
A203 1 1/2" = 1'-0"



4 SNOW DIVERTER PLAN
A203 1 1/2" = 1'-0"

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IIVC)

ROOF PLAN

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2015033
DATE: 06/30/2025

SHEET NO.
A203

3 OF 10

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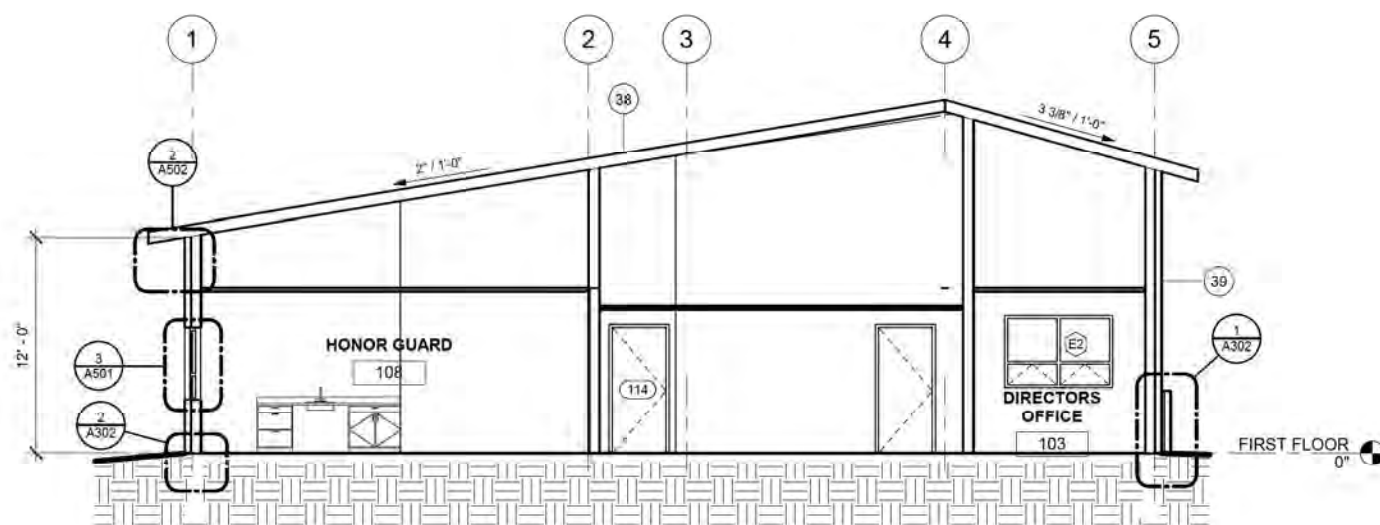
ARCHITECTURAL DRAWINGS
REPAIRED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE, SUITE 300
ANCHORAGE, ALASKA 99501

DRAWINGS PREPARED BY
RBM CONSULTING, INC.
8101 VANGUARD DRIVE
ANCHORAGE, AK 99507

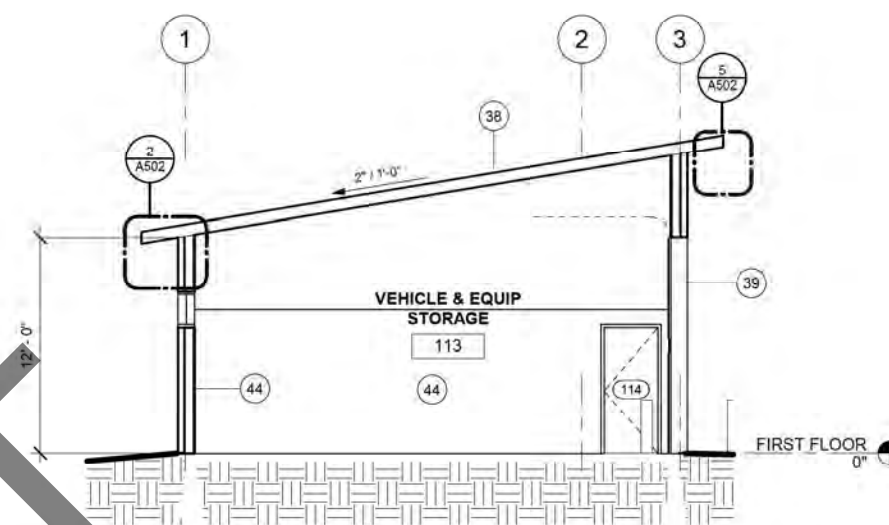
DATE	NOTE

17	TOILET PAPER DISPENSER
18	WASTE RECEPTACLE
20	PAPER TOWEL DISPENSER
21	SOAP DISPENSER
23	GRAB BARS
24	BABY CHANGING STATION
25	MIRROR
26	SHOWER CURTAIN ROD
27	SHOWER CURTAIN
28	SHOWER SEAT & GRAB BARS, BY SHOWER STALL SUPPLIER

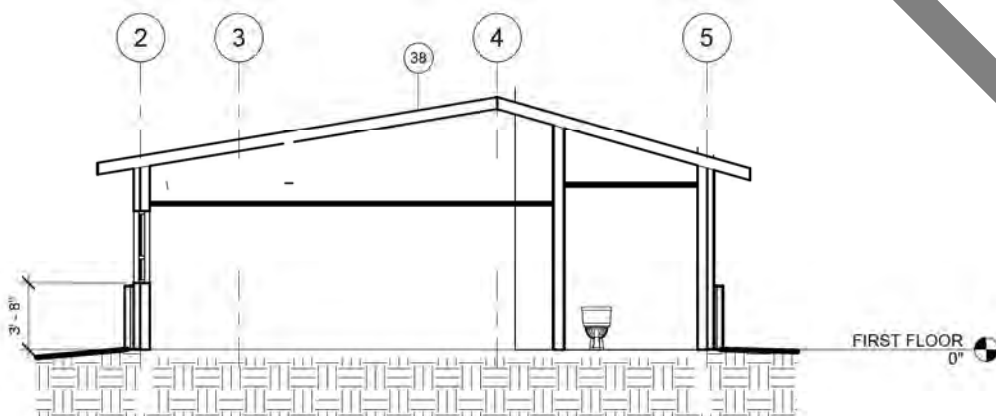
Floor plan of the SHR TOILET. The room contains a toilet, a sink, and a shower area. A door is labeled 'C'. Numbered circles 17 through 28 are placed in the room, with 17-21 in the upper half and 23-28 in the lower half. A door is labeled 'C'.



1 BUILDING SECTION AT HONOR GUARD
A301 3/16" = 1'-0"



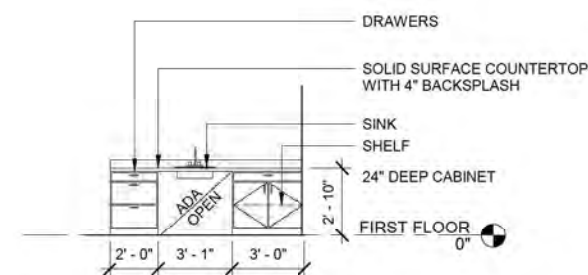
3 BUILDING SECTION AT VEHICLE STORAGE
A301 3/16" = 1'-0"



2 BUILDING SECTION AT RECEPTION
A301 3/16" = 1'-0"

KEYNOTES

- 38 ROOF: 6" INSULATED STANDING SEAM ROOF PANELS, AIR-WATER BARRIER MEMBRANE, 3/4" PLYWOOD SHEATHING, WOOD ROOF TRUSSES
39 WALL: 4" HORIZONTAL INSULATED METAL WALL PANELS, AIR-WATER BARRIER MEMBRANE, 3/4" PLYWOOD SHEATHING, WOOD WALL STUDS, 5/8" TYPE X GYPSUM BOARD
44 8'-0" HIGH 3/4" PLYWOOD ON STUD WALLS ON VEHICLE STORAGE STUD WALLS



4 HONORGUARD CABINETS
A301 1/4" = 1'-0"

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IIVC)
DOT/PT 26030002 DWA/A XX

BUILDING SECTIONS

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR: JM
JOB NO: 2615033
DATE: 06/30/2025

SHEET NO.
A301
5 OF 10



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DRAWINGS PREPARED BY
REM CONSULTING, INC.
8101 VANDERBILT DRIVE
ANCHORAGE, AK 99507

ARCHITECTURAL DRAWINGS
REPAIRED BY
MCO EXPLORE DESIGN
451 WEST 1ST AVE. SUITE 300
ANCHORAGE, ALASKA 99501

DATE	NOTE

- 1 3 TO 5" THICK STONE VENEER WITH JOINT TIES INTO VERTICAL SLOT ANCHOR CHANNELS
- 2 4" INSULATED METAL WALL PANEL
- 3 AIR-WATER BARRIER
- 4 WOOD FRAMING WITH 2X6 CROSS-BLOCKING AT STONE CHANNEL ANCHOR BOLTS
- 5 3/4" PLYWOOD SHEATHING
- 6 WEEP SPACE FABRIC OVER AIR-WATER BARRIER
- 7 VERTICAL DOVETAIL SLOT ANCHOR CHANNELS AT 24" SPACING WITH 3/8" BOLTS THROUGH WALL PANEL AND THROUGH WALL WOOD BLOCKING WITH 2" FLAT WASHER AT TOP, BOTTOM, AND CENTER
- 8 24 GAGE FACTORY PAINTED BLACK COLOR STEEL FLASHING-HEM EDGES
- 9 GASKET HEAD SCREWS 12" O.C.
- 10 CONCRETE FOUNDATION
- 11 4" RIGID FOUNDATION INSULATION
- 12 PLASTIC WEEP TUBES 24" O.C.
- 13 6" MORTAR COLLECTION MESH 12" EACH SIDE OF WEEP TUBES
- 45 2 ROLLS SEALANT OR SEALANT TAPE BETWEEN FLASHING AND WALL



A302



INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

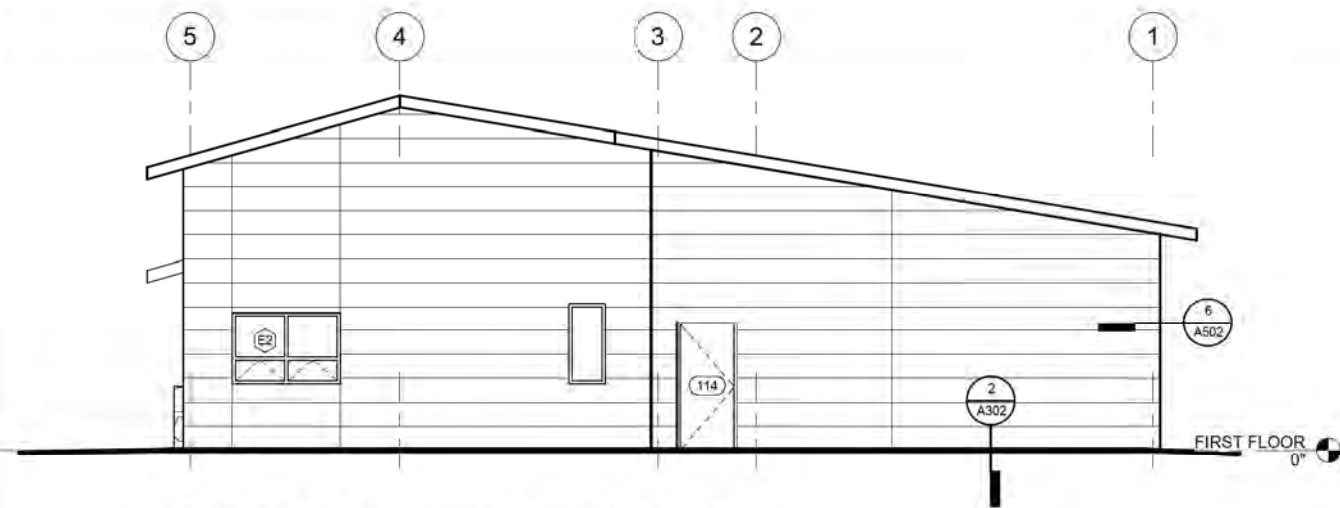
WALL SECTIONS

DRAWN BY:	TOS
REVIEWED BY:	JM
PROJ. MGR.:	JM
JOB NO.:	2015033
DATE:	06/30/2025

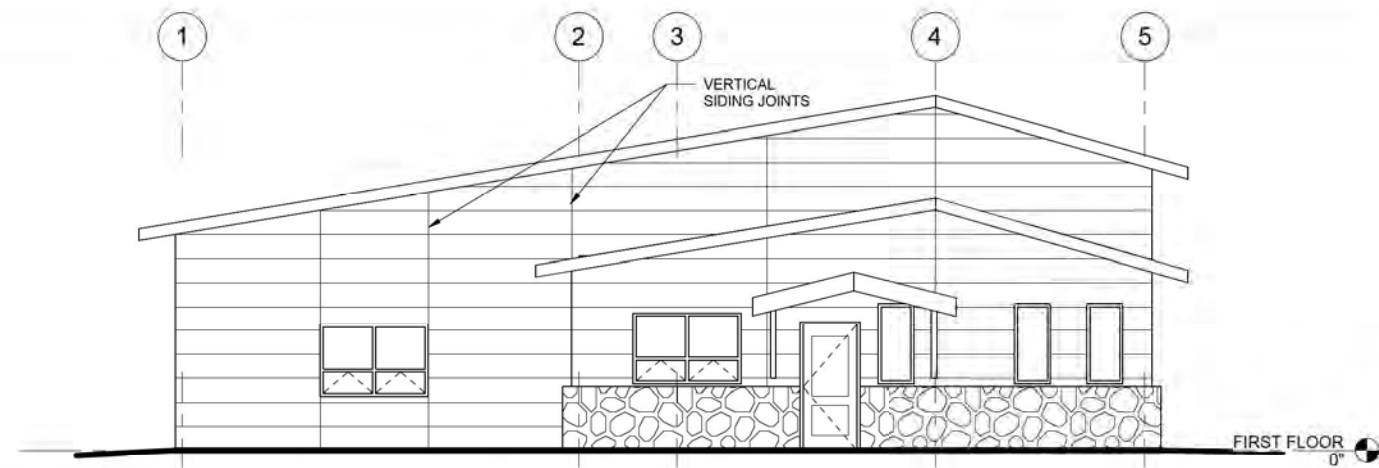
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302

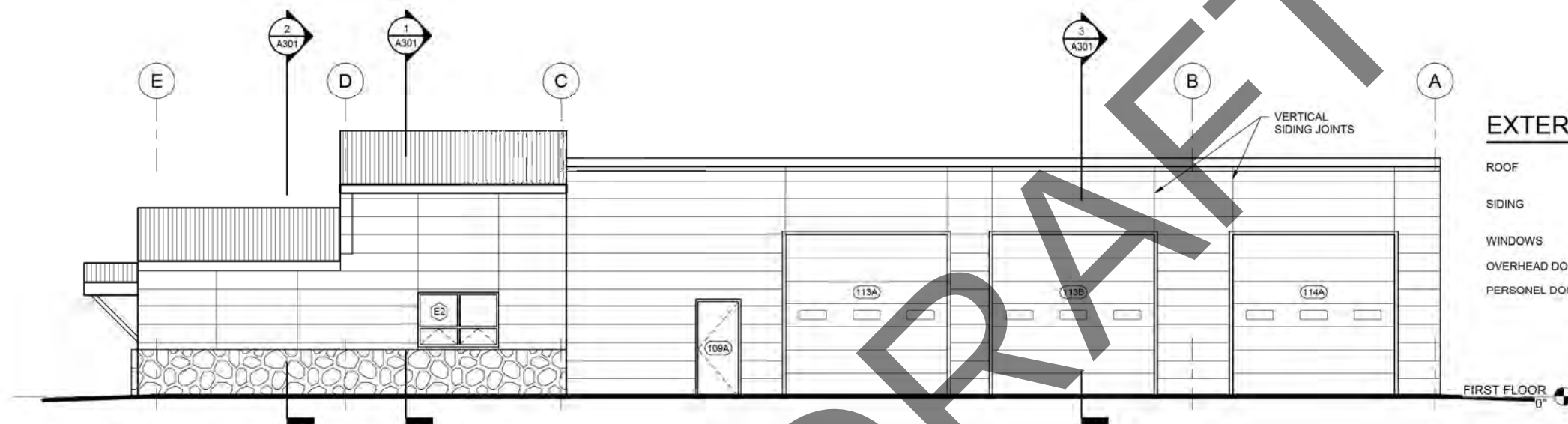
OF 10



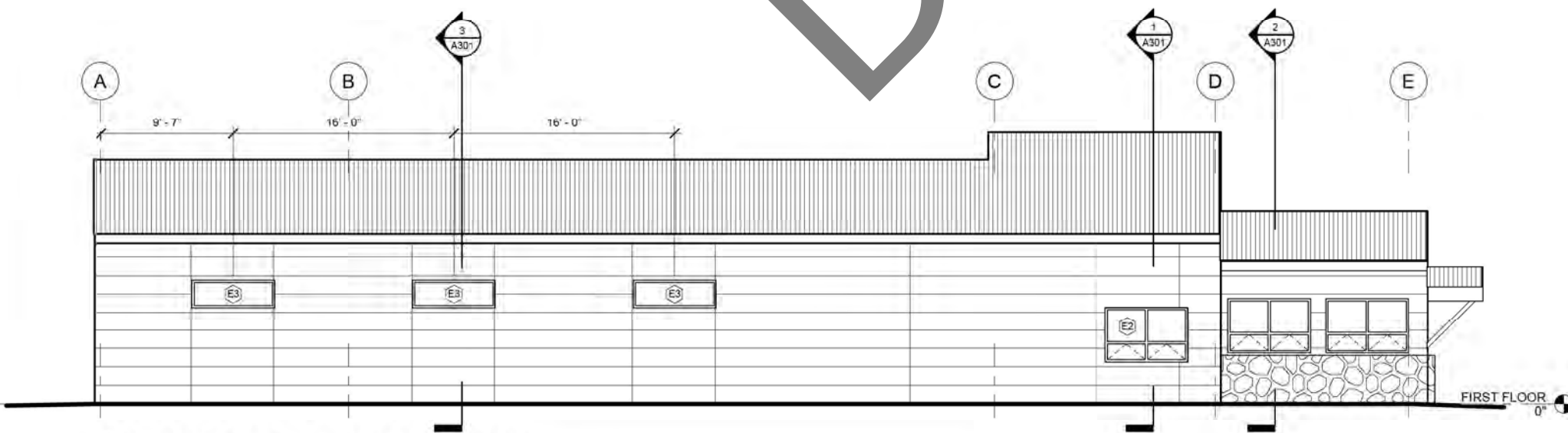
1 EXTERIOR ELEVATION - NORTH
A401 3/16" = 1'-0"



2 EXTERIOR ELEVATION - SOUTH
A401 3/16" = 1'-0"



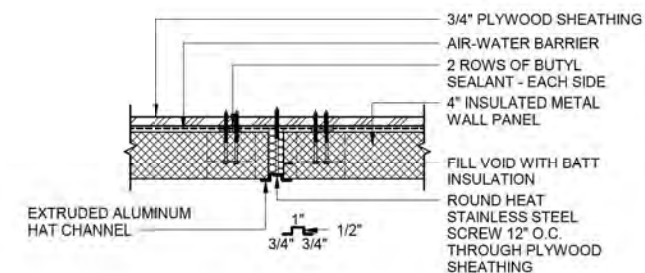
3 EXTERIOR ELEVATION - EAST
A401 3/16" = 1'-0"



4 EXTERIOR ELEVATION - WEST
A401 3/16" = 1'-0"

EXTERIOR FINISHES

ROOF	6" FACTORY PAINTED STEEL STANDING SEAM INSULATED METAL PANELS OVER AIR-WATER BARRIER
SIDING	4" FACTORY PAINTED STEEL HORIZONTAL FLAT FACE INSULATED METAL PANELS OVER AIR-WATER BARRIER
WINDOWS	TRIPLE PANE FIBERGLASS FRAMED
OVERHEAD DOORS	3" FOAM INSULATED FACTORY PAINTED STEEL FACED OVERHEAD SECTIONAL
PERSONEL DOORS	1 3/4" FOAM INSULATED STEEL FACED



5 EXTERIOR VERTICAL SIDING JOINT
A401 1 1/2" = 1'-0"

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IIVC)

EXTERIOR ELEVATIONS

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2015033
DATE: 06/30/2025

SHEET NO.
A401

7 OF 10

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MAINTENANCE OFFICE



DATE	NOTE

ARCHITECTURAL DRAWINGS
PREPARED BY
R&M CONSULTING, INC.
8101 VANDERBILT DRIVE
ANCHORAGE, AK 99507

ARCHITECTURAL DRAWINGS
PREPARED BY
R&M CONSULTING, INC.
8101 VANDERBILT DRIVE
ANCHORAGE, AK 99507

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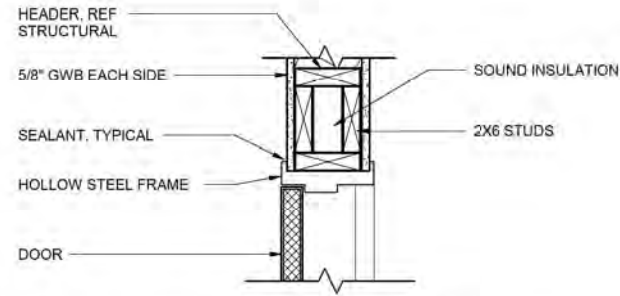
INTERIOR ALASKA VETERANS
CEMETERY (IIVC)

EXTERIOR ELEVATIONS

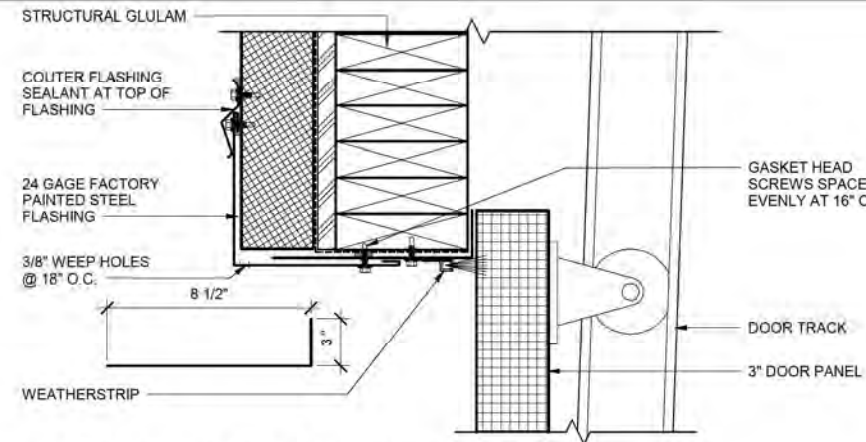
DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2015033
DATE: 06/30/2025

SHEET NO.
A401

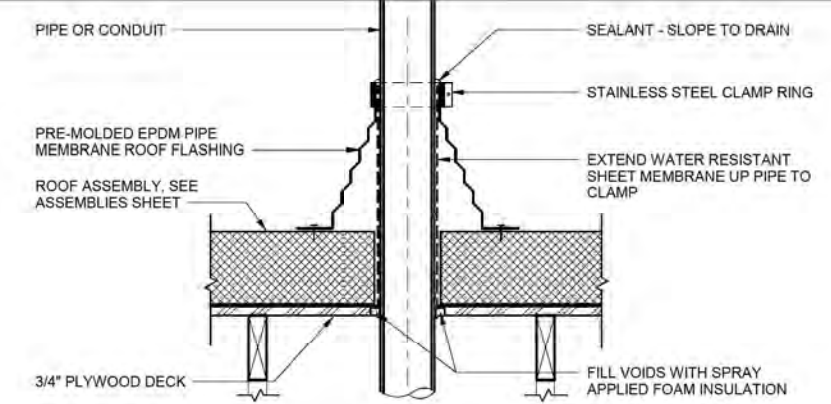
7 OF 10



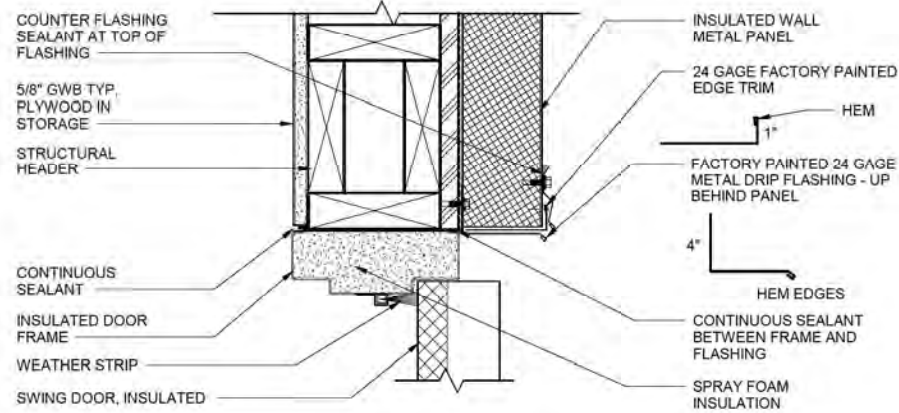
1 INTERIOR DOOR HEAD (JAM SIM.)
A501 1 1/2" = 1'-0"



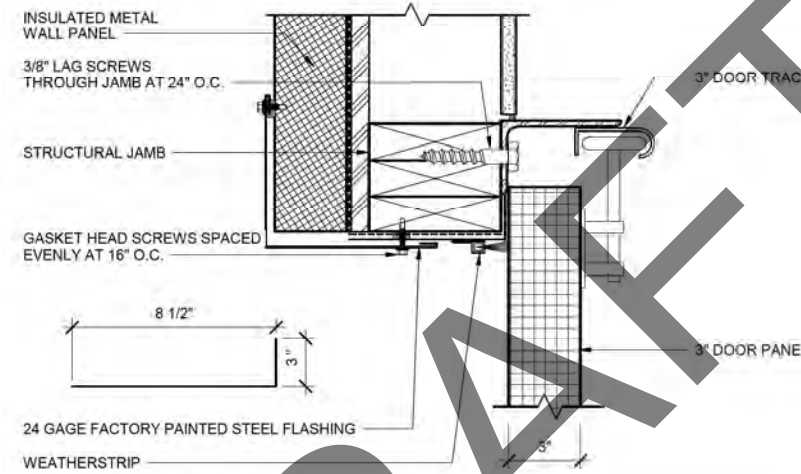
4 OVERHEAD DOOR HEAD
A501 3" = 1'-0"



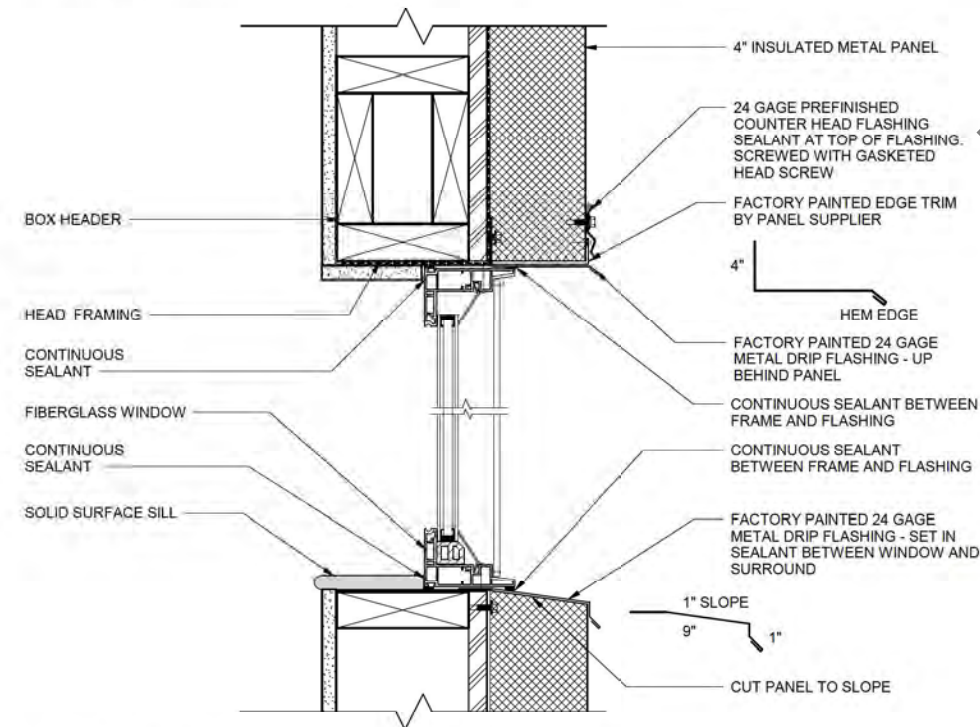
7 ROOF PIPE & CONDUIT PENETRATION
A501 1 1/2" = 1'-0"



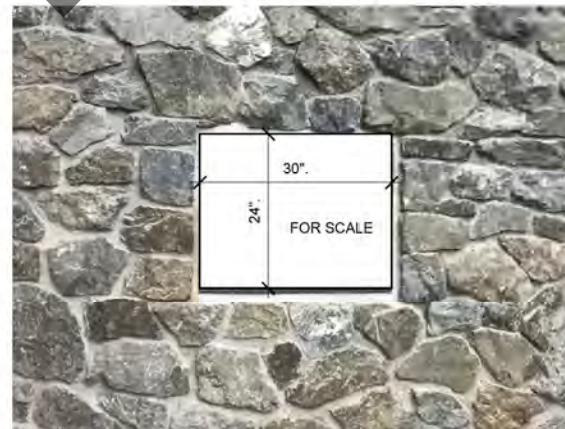
2 EXTERIOR DOOR HEAD (JAMB SIM.)
A501 3" = 1'-0"



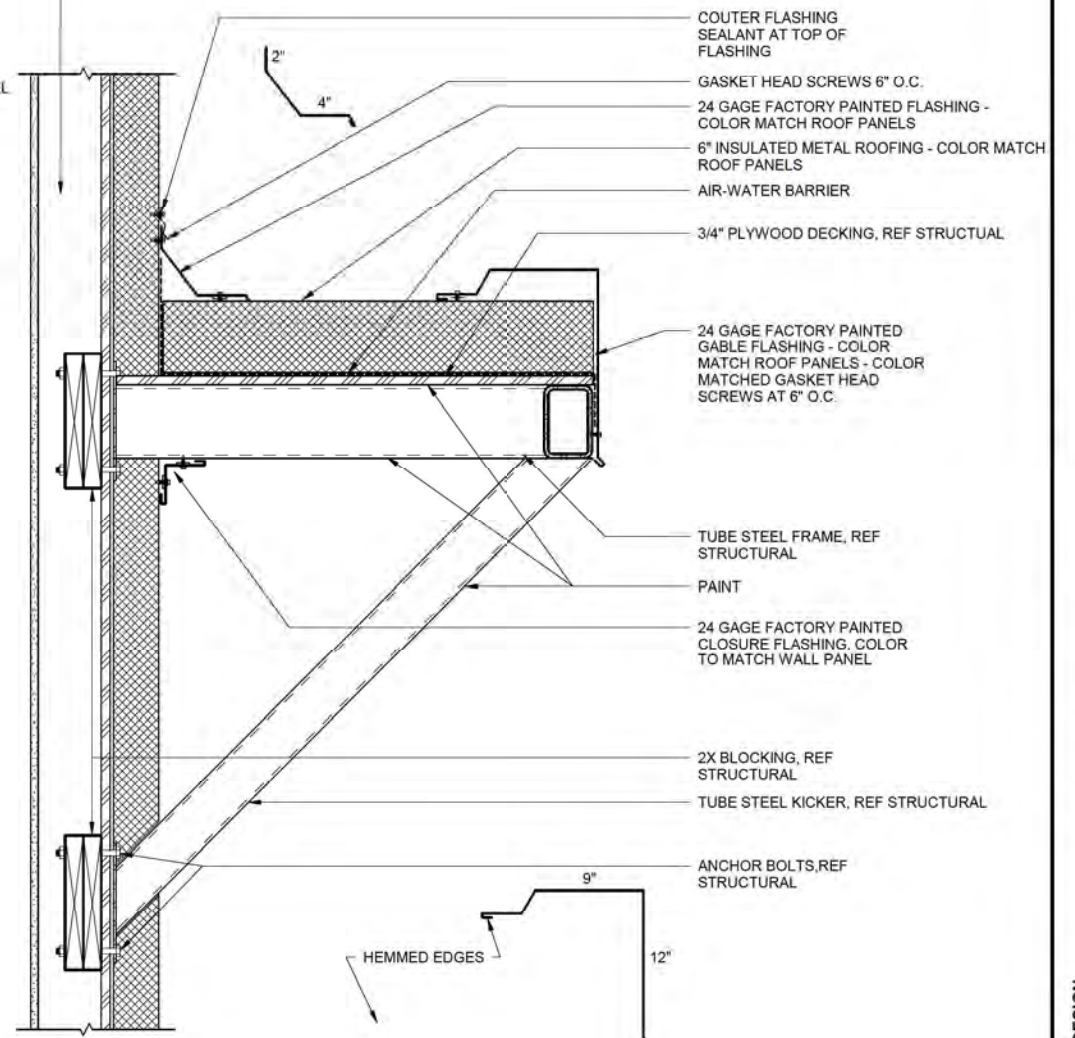
5 OVERHEAD DOOR JAMB
A501 3" = 1'-0"



3 WINDOW DETAIL (JAMB SIM.)
A501 3" = 1'-0"



6 ACCEPTABLE STONE VENEER
A501 1" = 1'-0"



8 CANOPY SECTION
A501 1 1/2" = 1'-0"

DATE	NOTE

ARCHITECTURAL DRAWINGS
REPAIRED BY
MCG EXPORE DESIGN
451 WEST 1ST AVE. SUITE 300
ANCHORAGE, ALASKA 99501

DRAWINGS PREPARED BY
REM CONSULTING, INC.
8101 VANDUARD DRIVE
ANCHORAGE, AK 99507

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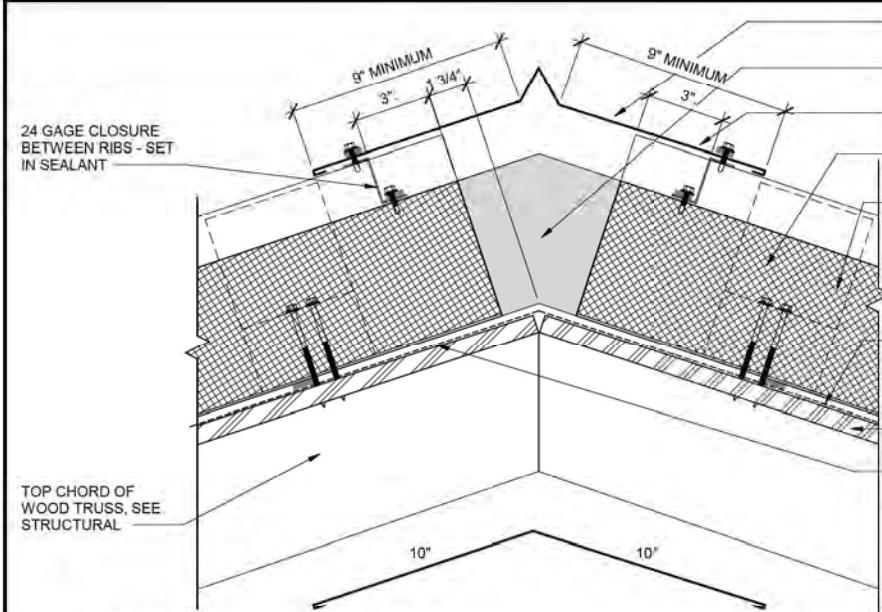
INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PT 26030002 DMVA XX

EXTERIOR WALL DETAILS

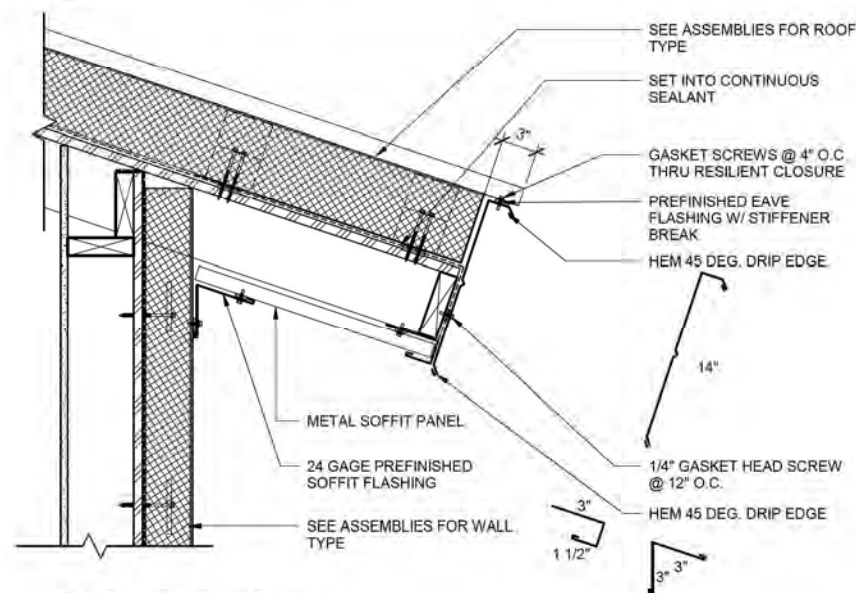
95% DESIGN

DRAWN BY: TOS
REVIEWED BY: JM
PROJ. MGR.: JM
JOB NO.: 2615033
DATE: 06/30/2025

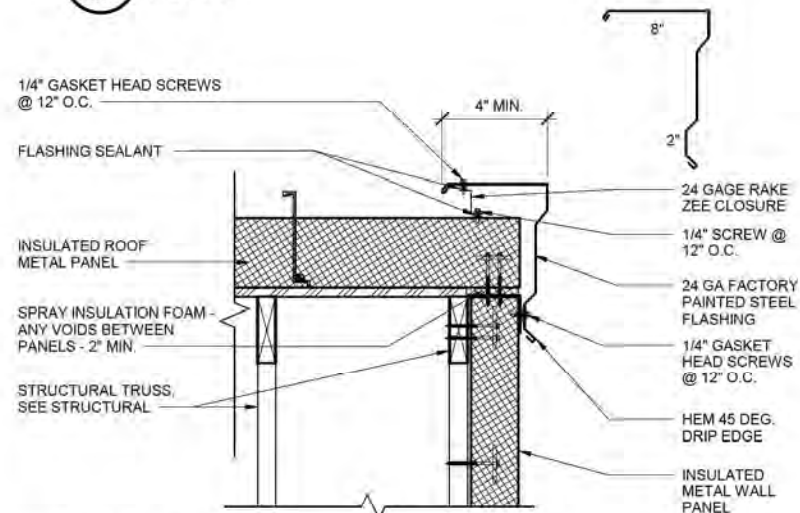
SHEET NO.
A501
8 OF 10



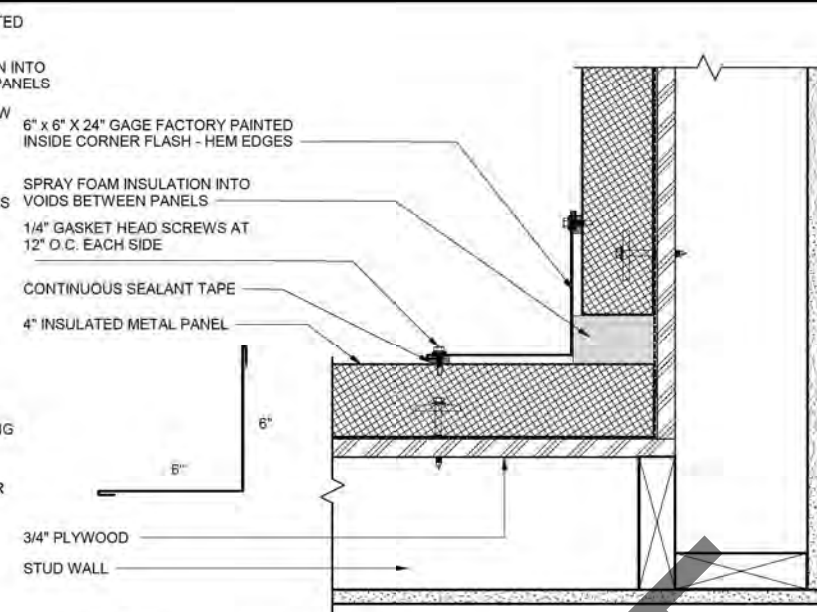
1 ROOF RIDGE
A502 3" = 1'-0"



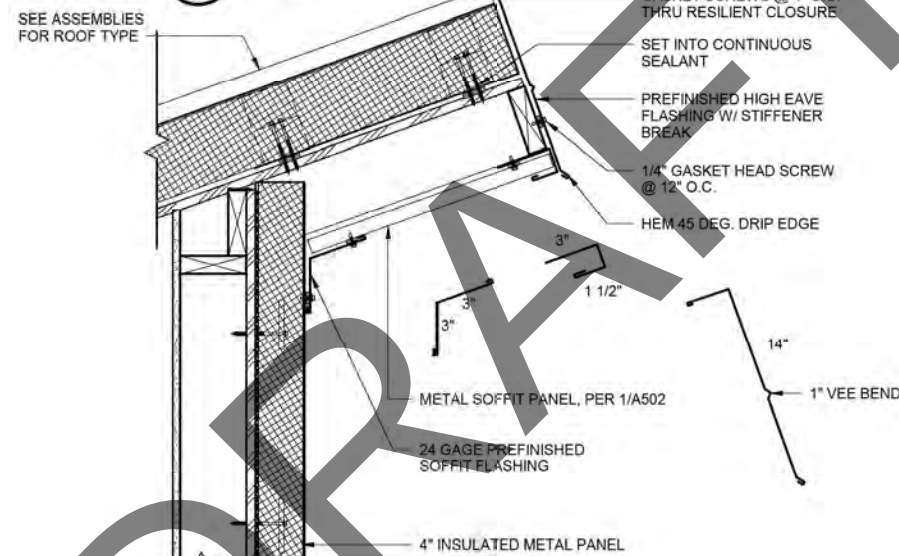
2 ROOF EAVE
A502 1 1/2" = 1'-0"



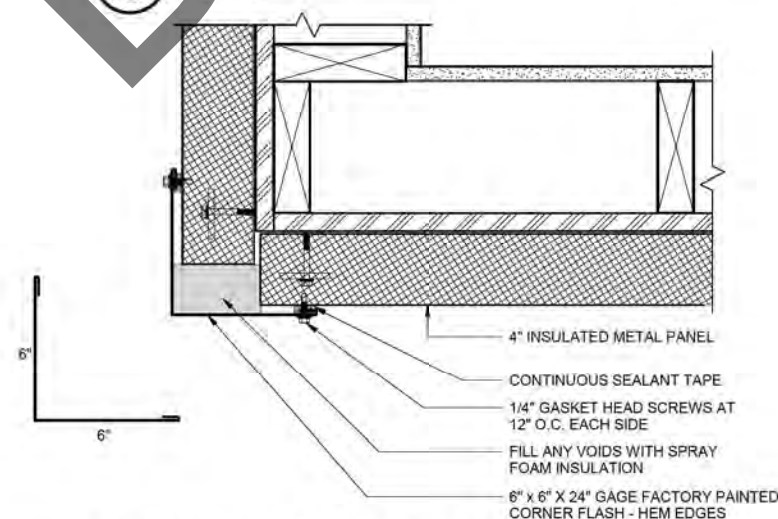
3 ROOF GABLE
A502 1 1/2" = 1'-0"



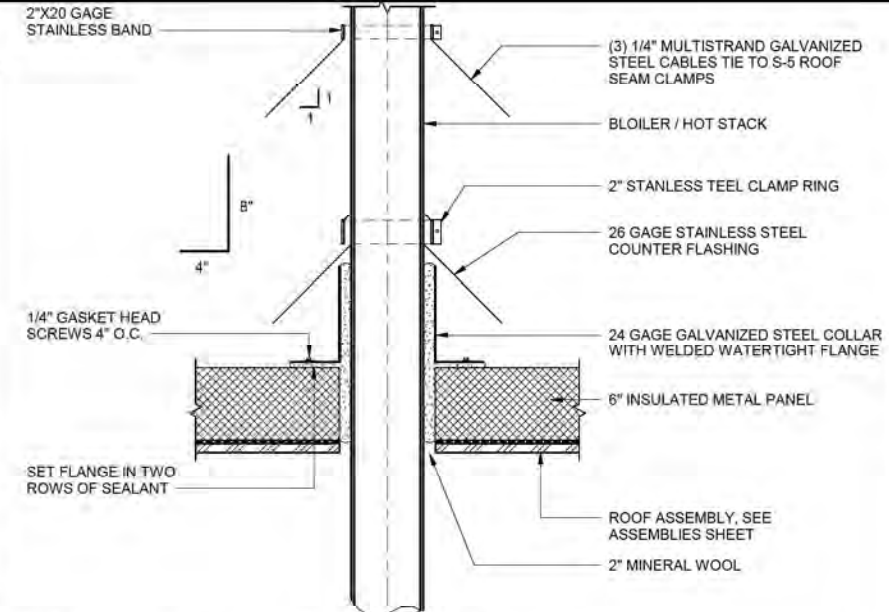
4 INSIDE CORNER
A502 3" = 1'-0"



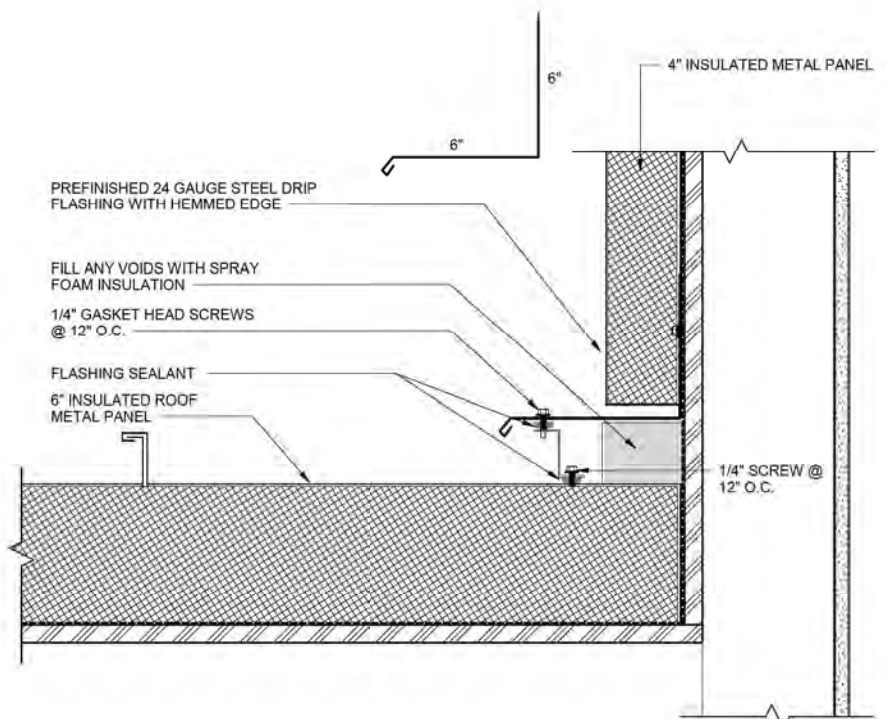
5 ROOF HIGH EAVE
A502 1 1/2" = 1'-0"



6 OUTSIDE CORNER
A502 3" = 1'-0"



7 ROOF STACK PENETRATION
A502 1 1/2" = 1'-0"



8 ROOF SIDEWALL
A502 3" = 1'-0"

DATE	NOTE

ARCHITECTURAL DRAWINGS
REPAIRED BY
MCG EXPOSE DESIGN
451 WEST 1ST AVE. SUITE 300
ANCHORAGE, ALASKA 99501

DRAWINGS PREPARED BY
R&M CONSULTING, INC.
8101 VANDERBILT DRIVE
ANCHORAGE, AK 99507



DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES

DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

EXTERIOR DETAILS

DRAWN BY TOS
REVIEWED BY JM
PROJ. MGR. JM

JOB NO. 2015033
DATE 08/30/2025

SHEET NO.
A502

9 OF 10

95% DESIGN

DOOR #	ROOM NAME	WIDTH		HEIGHT	DOOR FINISH	DOOR TYPE	FRAME TYPE	RATING	DETAILS			NOTES
		LEAF 1	LEAF 2						HEAD	JAMB	SILL	
100		3' - 0"		7' - 0"		2	IHM-1	-	2/A501	2/A501	1	
100A		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
101		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
102		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
103		2' - 6"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
104		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
105		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
108		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
109		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
109A		3' - 0"		7' - 0"		1	IHM-1	-	2/A501	2/A501	1	
110		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
111		3' - 0"		7' - 0"		1	ST-1	-	1/A501	1/A501	1	
112		3' - 0"		7' - 0"		1	ST-1	1-HOUR	1/A501	1/A501	3	4
113A		12' - 0"		12' - 0"		FACT	FACT	-	4/A501	5/A501	3	
113B		12' - 0"		12' - 0"		FACT	FACT	-	4/A501	5/A501	3	
114		3' - 0"		7' - 0"		1	IHM-1	-	2/A501	2/A501	1	2
114A		12' - 0"		12' - 0"		FACT	FACT	-	4/A501	5/A501	3	

ALUM	ALUMINUM DOOR/FRAME
IHM	INSULATED STEEL DOOR AND FRAME
ST	HOLLOW STEEL DOOR AND FRAME

1 CONCRETE SILL PER STRUCTURAL THRESHOLD PER 08 71 10
2 ADDITVE ALTERNATE
3 CONCRETE SILL PER STRUCTURAL NO THRESHOLD
4 PANIC EXIT DOOR HARDWARE

Technical drawings of three fiberglass window frame options (E1, E2, E3) with dimensions in feet and inches. All windows are labeled "FIBERGLASS WINDOW FRAMES TRIPLE INSULATED GLASS".

- E1:** A single vertical window. Overall height is 3'-6". Overall width is 4'-6". The frame has a top width of 2'-8", a bottom width of 2'-8", and a depth of 2". The glass unit is 4'-2" high and 1'-8" wide.
- E2:** A double window with four panes. Overall height is 3'-6". Overall width is 6'-0". The frame has a top width of 2'-9", a bottom width of 2'-9", and a depth of 2". The glass unit is 4'-0" high and 2'-4" wide. Each pane is 2'-0" high and 1'-2" wide.
- E3:** A single horizontal window. Overall height is 3'-0". Overall width is 6'-0". The frame has a top width of 2'-8", a bottom width of 2'-8", and a depth of 2". The glass unit is 1'-8" high and 5'-8" wide.

ROOM NO.	ROOM NAME	FLOOR		N WALL FINISH	E WALL FINISH	S WALL FINISH	W WALL FINISH	CEILING FIN.	COMMENTS
		FIN.	BASE						
100	VEST	WO	RB	GWB	GWB	GWB	GWB	ACT	1
101	FAMILY	RT	RB	GWB	GWB	GWB	GWB	ACT	1
102	UNISEX	RT	RB	GWB	GWB	GWB	GWB	ACT	1
103	DIRECTORS OFFICE	CARPET	RB	GWB	GWB	GWB	GWB	ACT	
104	COMM	CONC	RB	GWB	GWB	GWB	GWB	EXP	
105	FOREMAN	WO	RB	GWB	GWB	GWB	GWB	ACT	
106	RECEPT	CARPET	RB	GWB	GWB	GWB	GWB	ACT	
107	WAITING	CARPET	RB	GWB	GWB	GWB	GWB	ACT	
108	HONOR GUARD	RT	RB	GWB	GWB	GWB	GWB	ACT	
109	CORRIDOR	WO	RB	GWB	GWB	GWB	GWB	ACT	
110	SHR TOILET	RT	RB	GWB	GWB	GWB	GWB	ACT	
111	BOOT LOCKER	WO	RB	GWB	GWB	GWB	GWB	ACT	
112	MECH	CONC	RB	GWB	GWB	GWB	GWB	GWB	
113	VEHICLE & EQUIP STORAGE	CONC	CONC	EXP	EXP	GWB	EXP	EXP	3
114	ADD ALT VEHICLE STORAGE	CONC	CONC	EXP	EXP	EXP	EXP	EXP	3

ACT - SUSPENDED ACOUSTICAL CEILING TILE AND FRAME
CONC - CONCRETE SEALED FINISH
EXP - EXPOSED TO STRUCTURE
GWB - GYPSUM WALL BOARD PAINTED PT-1
RB - 4" RUBBER BASE
RT - RUBBER TILE
WO - WALK OFF MATT

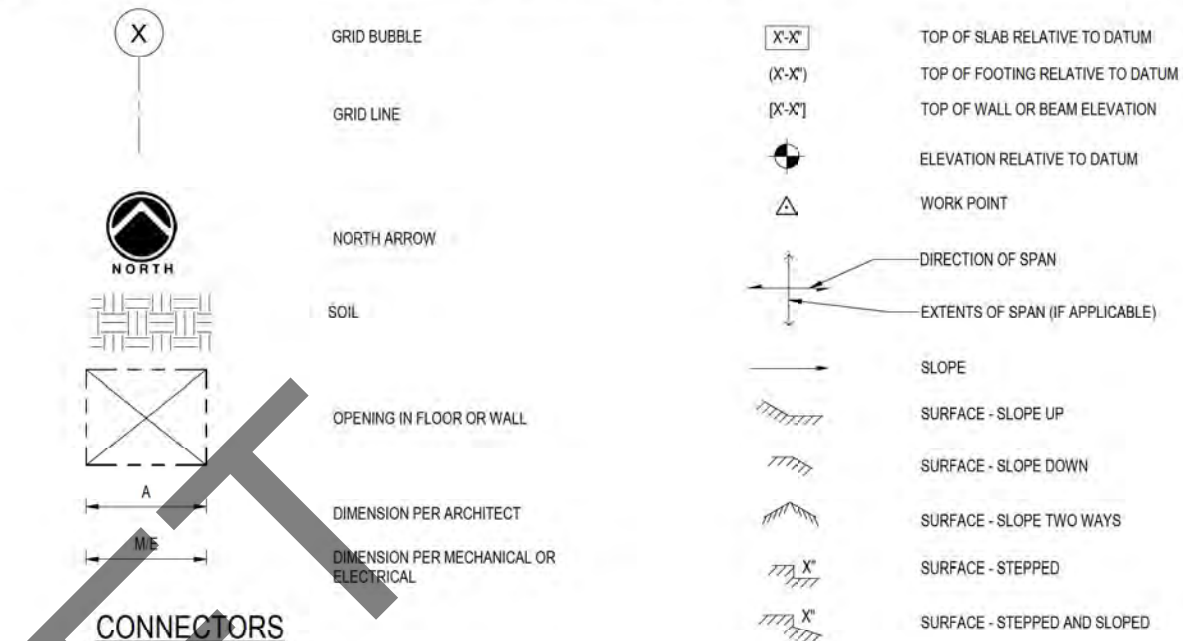
- 1 - 4'-0" HIGH FIBER REINFORCED PANELING (FRP)
- 2 - FRP OVER GWB FULL HEIGHT ON WALLS
- 3 - 8'-0" HIGH 3/4" PLYWOOD ON STUD WALLS

ABBREVIATIONS

&	AND	DFL	DOUGLAS FIR-LARCH	LB, #	POUND	SECT	SECTION
@	AT	DIA, Ø	DIAMETER	LF	LINEAL FOOT	SHT	SHEET
A&B	ABOVE & BELOW	DIAG	DIAGONAL	LL	LIVE LOAD	SIM	SIMILAR
AB	ANCHOR BOLT	DIAPH	DIAPHRAGM	LLBB	LONG LEGS BACK TO BACK	SJI	STEEL JOIST INSTITUTE
ACI	AMERICAN CONCRETE INSTITUTE	DIM	DIMENSION	LLH	LONG LEG HORIZONTAL	SOG	SLAB ON GRADE
ADD'L	ADDITIONAL	DL	DEAD LOAD	LLV	LONG LEG VERTICAL	SPC	SPACE, SPACED, SPACING
ADJ	ADJACENT, ADJUSTABLE	DN	DOWN	LOC	LOCATION, LOCATE	SPEC	SPECIFICATION
AFF	ABOVE FINISHED FLOOR	DO	DITTO	LONGIT	LONGITUDINAL	SQ	SQUARE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	DP	DEEP	LP	LOW POINT	SS	STAINLESS STEEL
AISI	AMERICAN IRON AND STEEL INSTITUTE	DTL	DETAIL	LSH	LONG SLOTTED HOLE	SSH	SHORT SLOTTED HOLE
		DWG	DRAWING	LSL	LAMINATED STRAND LUMBER	STAG	STAGGER, STAGGERED
		DWL	DOWEL	LVL	LEVEL, OR LAMINATED VENEER LUMBER	STD	STANDARD
ALT	ALTERNATE					STIFF	STIFFENER
ALUM	ALUMINUM	(E)	EXIST EXISTING			STIR	STIRRUP
ANCH	ANCHOR, ANCHORAGE	EA	EACH	MATL	MATERIAL	STL	STEEL
APA	AMERICAN PLYWOOD ASSOCIATION	EE	EACH END	MAX	MAXIMUM	STRUC	STRUCTURAL
APPROX	APPROXIMATE	EF	EACH FACE	MB	MACHINE BOLT	SUPP	SUPPORT
AR	ANCHOR ROD	EJ	EXPANSION JOINT	MECH	MECHANICAL	SYM	SYMMETRICAL, SYMMETRY
ARCH	ARCHITECT, ARCHITECTURAL	EL	ELEVATION	MF	MOMENT FRAME	SW	SHEAR WALL
ARND	AROUND	EMB, EMBED	EMBEDMENT	MFR	MANUFACTURER		
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	ENGR	ENGINEER	MIN	MINIMUM	T/	TOP OF
ASSY	ASSEMBLY	EQ	EARTHQUAKE, EQUAL	MISC	MISCELLANEOUS	T&B	TOP AND BOTTOM
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	EQUIP	EQUIPMENT	MTL	MILES PER HOUR	T&G	TONGUE AND GROOVE
AWS	AMERICAN WELDING SOCIETY	ES	EACH SIDE			TEMP	TEMPERATURE
		ETC	ET CETERA			THK	THICK, THICKNESS
		E-W	EAST-WEST	NF	NEAR FACE	THRU	THROUGH
		EXP	EXPANSION	NIC	NOT IN CONTRACT	TOC	TOP OF CONCRETE
		EXT	EXTERIOR	NOM	NOMINAL	TOS	TOP OF FOOTING
				NO, #	NUMBER	TR	THREADED ROD
				N-S	NORTH-SOUTH	TRANS	TRANSVERSE
				NS	NEAR SIDE, NONSHRINK	TYP	TYPICAL
				NTS	NOT TO SCALE	TWS	THREADED WELDED STUD
B/	BOTTOM OF	FD	FLOOR DRAIN	OC	ON CENTER	UON	UNLESS OTHERWISE NOTED
BAL	BALANCE	FDN	FOUNDATION	OD	OUTSIDE DIAMETER	VERT	VERTICAL
BF	BRACED FRAME	FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	OF	OUTSIDE FACE		
BLDG	BUILDING	FF	FAR FACE, FINISH FLOOR	OPNG	OPENING	W	WIDTH, WIDE FLANGE
BLKG	BLOCKING	FIN	FINISH	OPP	OPPOSITE	w/	WITH
BM	BEAM	FLR	FLOOR	OSH	OVERSIZED HOLE	WD	WOOD
BOD	BOTTOM OF DECK	FLG	FLANGE	OWJ	OPEN WEB JOIST	WHS	WELDED HEADED STUD
BOT	BOTTOM	FOW	FACE OF WALL			W/O	WITHOUT
BRG	BEARING	FS	FAR SIDE			WP	WORK POINT
BSMT	BASEMENT	FT, '	FEET			WT	WEIGHT
BTWN	BETWEEN	FTG	FOOTING			WWR	WELDED WIRE REINFORCEMENT
BU	BUILT-UP	FV	FIELD VERIFY				
				PC	PIECE, PRECAST		
C	CAMBER, CHANNEL	GA	GAUGE	PCF	POUNDS PER CUBIC FOOT		
CANT	CANTILEVER	GALV	GALVANIZED	PEN	PENETRATION		
CAP	CAPACITY	GB	GRADE BREAK	PERP	PERPENDICULAR		
CC	CENTER-TO-CENTER	GEN	GENERAL	PL	PLATE, PROPERTY LINE		
CDF	CONTROL DENSITY FILL	GL, GLULAM	GLUED LAMINATED MEMBER	PLCS	PLACES		
CF	COLD-FORMED	GLB	GLUED LAMINATED BEAM	PLF	POUNDS PER LINEAL FOOT		
CG	CENTER OF GRAVITY	GR	GRADE	PLWD	PLYWOOD		
CIP	CAST-IN-PLACE	GRD	GROUND	PNL	PANEL		
CJ	CONTROL JOINT, CONSTRUCTION JOINT	GWB	GYPSUM WALL BOARD	PJP, PP	PARTIAL JOINT PENETRATION		
CJP, CP	COMPLETE JOINT PENETRATION	HF	HEM-FIR	PREFAB	PREFABRICATED		
CL	CENTERLINE	HGR	HANGER	PS	PRESTRESS		
CLG	CEILING	HK	HOOK	PSF	POUNDS PER SQUARE FOOT		
CLR	CLEAR	HKP	HOUSEKEEPING PAD	PSI	POUNDS PER SQUARE INCH		
CMU	CONCRETE MASONRY UNIT	HORIZ, H	HORIZONTAL	PSL	PARALLEL STRAND LUMBER		
COL	COLUMN	HP	HIGH POINT	PT	POINT, PRESSURE TREATED		
CONC	CONCRETE	HSB	HIGH STRENGTH BOLT	P-T	POST-TENSIONED		
CONN	CONNECTION	HSS	HOLLOW STRUCTURAL SECTION	PVC	POLYVINYL CHLORIDE		
CONST	CONSTRUCTION			R	RAD RADIUS		
CONT	CONTINUE, CONTINUOUS	HT	HEIGHT	RD	ROOF DRAIN		
CONTR	CONTRACTOR	IBC	INTERNATIONAL BUILDING CODE	REF	REFERENCE		
COORD	COORDINATE			REINF	REINFORCING		
CP	COMPLETE PENETRATION	ID	INSIDE DIAMETER	REM	REMAINDER		
CRSI	CONCRETE REINFORCED STEEL INSTITUTE	IF	INSIDE FACE	REQD	REQUIRED		
CTR	CENTER, CENTERED	IN, "	INCH	RND	ROUND		
CY	CUBIC YARD	INCL	INCLUDE	RO	ROUGH OPENING		
		INFO	INFORMATION	RTN	RETURN		
		INT	INTERIOR				
d	PENNYWEIGHT (NAILS)	IJ	ISOLATION JOINT	SBN	SHEAR WALL BOUNDARY NAILING		
DB	DIVIDER BEAM, DROPPED BEAM	JT	JOINT	SC	SLIP CRITICAL		
DBA	DEFORMED BAR ANCHOR			SCHED	SCHEDULE		
DBL	DOUBLE						
DBN	DIAPHRAGM BOUNDARY NAILING	K	KIP (1,000 LB)				
DEG, °	DEGREE	KSF	KIPS PER SQUARE FOOT				
DEMO	DEMOLISH, DEMOLITION	KSI	KIPS PER SQUARE INCH				
DF	DOUGLAS FIR	L	LENGTH, ANGLE				

SYMBOLS

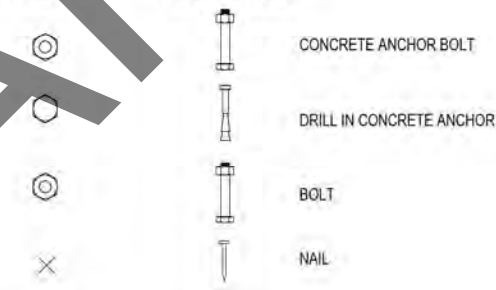
GENERAL SYMBOLS



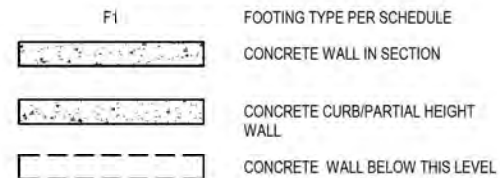
CONNECTORS

PLAN

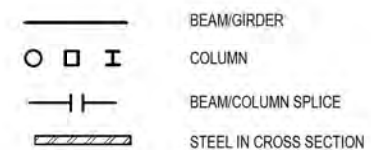
SECTION



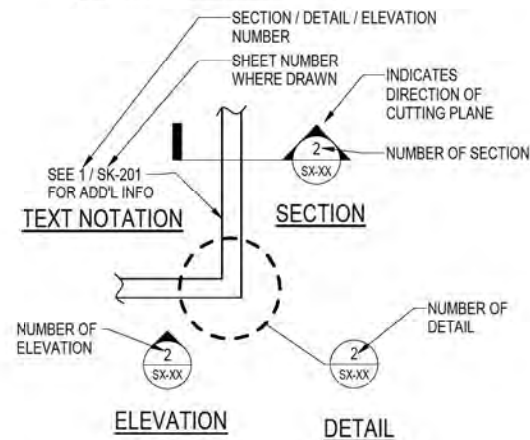
CONCRETE SYMBOLS



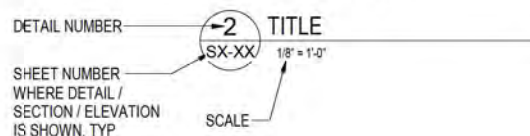
STEEL SYMBOLS



DETAIL IDENTIFIERS



DETAIL LABEL



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GENERAL

THE CONTRACTOR MUST VERIFY AND COORDINATE ALL DIMENSIONS AMONG THE DRAWINGS BEFORE STARTING ANY WORK OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, REFERENCE STANDARDS, SITE CONDITIONS OR GOVERNING CODE, THE MORE STRINGENT REQUIREMENTS MUST GOVERN. CONTRACTOR MUST NOTIFY THE ENGINEER OF DISCREPANCIES AND OBTAIN DIRECTION PRIOR TO PROCEEDING. NOTES ON INDIVIDUAL STRUCTURAL DRAWINGS MUST TAKE PRIORITY OVER GENERAL STRUCTURAL NOTES. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED AS TYP ON THE PLANS BUT MUST APPLY AS SHOWN OR DESCRIBED IN THE DETAILS.

ALL CONSTRUCTION MUST COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE STATE OF ALASKA.

SAFETY - THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL FEDERAL, STATE AND LOCAL SAFETY STANDARDS. THE CONTRACTOR IS IN CHARGE OF ALL SAFETY MATTERS ON AND AROUND THE JOB SITE.

STRUCTURAL DESIGN DATA

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE IBC AS AMENDED AND ADOPTED BY THE STATE OF ALASKA. RISK CATEGORY IS II IN ACCORDANCE WITH IBC SECTION 1604.5.

REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, DEPRESSIONS, NON-BEARING WALLS, FIRE-PROOFING, FASCIA, CURBS, DRAINS, RAILINGS, WATERPROOFING, FINISHES, ETC.

THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING OPERATIONAL LOADS ON THE COMPLETED STRUCTURES. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING AND BRACING DURING CONSTRUCTION.

LIVE LOADS:	OFFICE AREAS = 50 PSF + 15 PSF PARTITION 1ST FLOOR CORRIDORS & EXITS = 100 PSF MECHANICAL ROOMS = 125 PSF
SNOW LOADS:	GROUND SNOW (Pg) = 60 PSF, Ce=1.0 <u>ADMIN BUILDING</u> Is=1.0, Ct=1.0 ROOF SNOW (Ps) = 50 PSF SLOPED + DRIFT <u>COMMITTAL SHELTER</u> Is=1.0, Ct=1.1 ROOF SNOW (Ps) = 50 PSF FLAT SLOPED + DRIFT OR UNBALANCED LOAD
WIND LOADS:	BASIC WIND SPEED (3-SECOND GUST, Vult)=130 MPH, EXPOSURE B, INTERNAL PRESSURE GCpi=±0.55 (PARTIALLY ENCLOSED)
SEISMIC LOADS:	SITE CLASS D, SEISMIC DESIGN CATEGORY D, Ss=0.963, S1=0.385, Sds=0.770, Sd1=0.492, Ie=1.0, <u>ADMIN BUILDING</u> R=6.5 (LIGHT FRAMED WOOD SHEAR WALLS), Ωo=3.0, Cd=4, p=1.0, Cs=0.119, BASE SHEAR=24.9 KIPS. <u>COMMITTAL SHELTER</u> R=1.0 (CONCRETE CANTILEVER COLUMN), Ωo=1.3, Cd=1.0, p=1.0, Cs=0.770, BASE SHEAR=62.0 KIPS.

LATERAL ANALYSIS IS LINEAR STATIC. LATERAL FORCES ARE CARRIED BY FLEXIBLE ROOF DIAPHRAGMS TO THE WOOD SHEAR WALLS AND CANTILEVER COLUMNS. MOMENTS, SHEARS, AND ROTATIONAL FORCES ARE DELIVERED TO THE FOUNDATION BY THE WOOD SHEAR WALLS AND CANTILEVER COLUMNS IN PROPORTION TO THEIR TRIBUTARY AREA.

FOUNDATIONS

ADMINISTRATIVE BUILDING FOUNDATIONS ARE DESIGNED FOR A MAXIMUM SOIL BEARING PRESSURE OF 4,000 PSF. ALL OTHER FOUNDATION ELEMENTS DESIGNED FOR A MAXIMUM SOIL BEARING PRESSURE OF 2,000 PSF.

FOUNDATION SOILS MUST BE PREPARED IN ACCORDANCE WITH THE IBC AND THE PROJECT GEOTECHNICAL INVESTIGATION REPORT "SUBSURFACE EXPLORATION AND FOUNDATION RECOMMENDATIONS, _____", DATED _____, BY _____.

WARM FOOTINGS MUST BE FOUNDED AT LEAST 42-INCHES BELOW LOWEST ADJACENT EXTERIOR FINISHED GRADE. FOOTING DEPTHS AND ELEVATIONS SHOWN ARE MINIMUM AND FOR GUIDANCE ONLY; CONTRACTOR MUST ESTABLISH ACTUAL ELEVATIONS IN FIELD.

ALL ORGANIC, FROZEN, OR OTHER UNSUITABLE MATERIALS MUST BE REMOVED FROM SUB-GRADE AND REPLACED WITH COMPACTED GRANULAR NON-FROST SUSCEPTIBLE (NFS) FILL. ALL FOOTINGS MUST BE FOUNDED UPON UNDISTURBED, NATURAL SUB-GRADE OR COMPACTED NFS FILL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 3,000 PSF.

SUB-GRADES BENEATH FOOTINGS AND SLABS MUST BE COMPACTED TO A MINIMUM OF 90 PERCENT OF THE MAXIMUM DRY DENSITY AS MEASURED BY ASTM D1557. BACKFILL AROUND AND ABOVE ALL FOUNDATION ELEMENTS MUST BE COMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DRY DENSITY.

SPECIAL INSPECTION

THE OWNER MUST ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC. SEE STATEMENT OF SPECIAL INSPECTIONS ON SHEET SJ-004. COPIES OF INSPECTION REPORTS MUST BE AVAILABLE TO THE CONSTRUCTION SITE FOR REVIEW BY THE CONTRACTING OFFICER.

DEFERRED SUBMITTALS

THE FOLLOWING ITEMS ARE NOT INCLUDED IN THESE DRAWINGS AND REQUIRE STRUCTURAL DESIGN TO BE FURNISHED BY THE CONTRACTOR:

1. SEISMIC ANCHORAGE OF MECHANICAL & ELECTRICAL EQUIPMENT
2. PREFABRICATED WOOD TRUSSES
3. ROOFING AND WALL CLADDING ATTACHMENTS
4. SKYLIGHT
5. MECHANICAL ANCHORING FOR STONE VENEER

DRAWINGS AND CALCULATIONS FOR BUILDER-DESIGNED COMPONENTS, SEALED BY AN ALASKA STATE REGISTERED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN, MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW FOR GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS.

SUBMITTALS

THE CONTRACTOR MUST REVIEW, STAMP WITH THEIR APPROVAL, DATE AND SIGN ALL SHOP DRAWINGS AND SUBMITTALS REQUIRED BY THE CONTRACT DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER. AT THE TIME OF SUBMISSION, THE CONTRACTOR MUST INFORM THE ENGINEER IN WRITING OF ANY DEVIATION IN THE SHOP DRAWINGS FROM THE REQUIREMENTS OF THE CONTRACT DRAWINGS. DIMENSIONS AND QUANTITIES ARE THE CONTRACTOR'S RESPONSIBILITY AND WILL NOT BE REVIEWED.

STRUCTURAL CONCRETE

ALL CONCRETE CONSTRUCTION MUST CONFORM TO ACI 301, STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE, AS MODIFIED BY IBC SECTION 1905 AND LOCAL ADOPTED AMENDMENTS.

ALL CAST-IN-PLACE CONCRETE:

1. EXPOSURE F2, S0, W0, C0 (ACI 318-14, 19.3.1.1)
2. MINIMUM 28-DAY COMPRESSIVE STRENGTH = 4,500 PSI
3. MAXIMUM AGGREGATE SIZE = 3/4"
4. MAXIMUM WATER-CEMENT RATIO = 0.45
5. MAXIMUM CHLORIDE ION CONTENT = 1.00%
6. TARGET AIR CONTENT = 6% (+/-1%), EXCEPT FOR TROWELED INTERIOR SLABS WHICH MUST NOT EXCEED 3% AIR CONTENT.

CONCRETE MUST BE PROPORTIONED TO ACHIEVE A WORKABLE MIX THAT CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER.

APPLICABLE ASTM STANDARDS:

PORTLAND CEMENT = ASTM C150
AGGREGATE = ASTM C33, NORMAL WEIGHT
WATER = ASTM C1602
WATER REDUCING ADMIXTURE = ASTM C494, TYPE A

CONCRETE PLACED DURING COLD WEATHER MUST CONFORM TO ACI 306. ALL COLD WEATHER CONCRETE AND CONCRETE EXPOSED TO WEATHER MUST CONTAIN AIR ENTRAINMENT PER ACI 318-14 TABLE 19.3.3.1.

THE FOLLOWING MINIMUM CONCRETE COVER MUST BE PROVIDED FOR REINFORCEMENT FOR CAST-IN-PLACE CONCRETE:

A. CONCRETE CAST AGAINST EARTH	3-INCHES
B. CONCRETE EXPOSED TO EARTH OR WEATHER	
#6 AND LARGER	2-INCHES
#5 AND SMALLER	1½-INCHES
C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER	¾-INCH

ALL CONCRETE REINFORCING MUST BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 315, ACI 318, CRSI MSP-1 AND ACI SP-66. DOWELS MUST MATCH SIZE AND NUMBER OF MAIN REINFORCING.

TYPICAL REINFORCING BARS MUST BE ASTM A615, GRADE 60. LAP SPLICES MUST BE CLASS B LAPS PER ACI (63 X BAR DIAMETER). LAP SPLICES MAY ALSO ACCOMPLISHED USING MECHANICAL DEVICES THAT DEVELOP 125% OF THE STRENGTH OF THE REBAR.

CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, SPACING AND PLACEMENT MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SUBMIT MIX DESIGNS FOR REVIEW PRIOR TO USE.

EMBEDDED ITEMS (CONDUIT AND SLEEVES) MUST NOT BE EMBEDDED IN OR PASS THROUGH CONCRETE WITHOUT APPROVAL. ALUMINUM ITEMS MUST NOT BE EMBEDDED IN CONCRETE. SUBMIT CONDUIT LAYOUT AND EMBEDDED ITEM PLANS FOR REVIEW PRIOR TO PLACING CONCRETE.

NON-SHRINK GROUT MUST BE NON-METALLIC, CONFORMING TO ASTM C1107.

POST-INSTALLED ANCHORS

INSTALLATION MUST CONFORM TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) AND REQUIREMENTS OF ICC-ES REPORT. ALL POST-INSTALLED ANCHORS MUST HAVE A CURRENT ICC-ES REPORT AND BE AUTHORIZED FOR USE IN SEISMIC DESIGN CATEGORY D. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR ALL POST-INSTALLED ANCHORS, UON. THREADED ROD MUST BE ASTM A307, UON (OR ISO 8898 CLASS 5.8), TENSILE STRENGTH OF 60 KSI MIN, AND GALVANIZED WHERE EXPOSED TO THE WEATHER.

HOLES MUST BE HAMMER DRILLED. EXISTING BASE MUST BE SCANNED PRIOR TO DRILLING HOLES. EXISTING REBAR LOCATIONS MUST BE MARKED, AND NEW ANCHOR LOCATIONS REVISED TO AVOID EXISTING REINFORCING. NO REINFORCING BARS MUST BE CUT TO INSTALL ANCHORS. ALL DEFECTIVE ANCHOR HOLES MUST BE GROUTED AND A NEW HOLE DRILLED A MINIMUM OF 3 BOLT DIAMETERS AWAY.

UNLESS OTHERWISE NOTED, ALL ADHESIVE ANCHORS ARE TO BE INSTALLED IN CONCRETE WITH A MINIMUM AGE OF 28 DAYS, DRY CONDITIONS, AND A TEMPERATURE OF 41°F TO 104°F.

ADHESIVE ANCHORS FOR THREADED ROD AND REBAR MUST BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):

- DEWALT "PURE110+" (ESR-3298)
- HILTI "HIT-HY 200 V3" (ESR-4868)
- SIMPSON "SET-3G" (ESR-4057)
- HILTI "HIT-RE 500 V3" (ESR-3814), ALLOWABLE TEMPERATURE RANGE 23°F TO 104°F

EXPANSION ANCHORS MUST BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):

- HILTI "KWIK BOLT TZ2" (ESR-4266)
- SIMPSON "STRONG-BOLT Z" (ESR-3037)
- DEWALT "POWER-STUD+SD2" (ESR-2502)

SCREW ANCHORS IN CONCRETE MUST BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):

- HILTI "KH-EZ" (ESR-3027)
- SIMPSON "TITEN HD" (ESR-2713)
- ITW "TAPCON" (ESR-3699)
- DEWALT "SCREW-BOLT+" (ESR-3889)

STRUCTURAL STEEL

MATERIALS:

STRUCTURAL STEEL TUBES (HSS):	ASTM A500, GRADE C
ALL OTHER SHAPES & PLATE:	ASTM A36
BOLTS, WASHERS & NUTS:	ASTM F3125, F436 & A563
HEADED ANCHOR RODS:	ASTM F1554, GRADE 36

ALL DETAILING, FABRICATION AND ERECTIONS MUST CONFORM TO AISC SPECIFICATIONS AND CODES, LATEST EDITION. FABRICATOR MUST PARTICIPATE IN THE AISC QUALITY CERTIFICATION PROGRAM, OR SPECIAL INSPECTIONS AT THE CONTRACTOR'S EXPENSE, MUST BE PROVIDED IN THE FABRICATION SHOP.

ALL WELDING MUST BE DONE BY QUALIFIED WELDERS AND MUST CONFORM TO THE AWS D1.1 AND D1.8, LATEST EDITIONS. ALL WELDING ELECTRODES MUST BE PROPERLY CONDITIONED 70 KSI MINIMUM TENSILE STRENGTH, WITH DIFFUSED HYDROGEN LEVELS OF 16ml/100g (H16) OR LESS IN ACCORDANCE WITH AWS D1.8 AND A5.20.

WELDS NOT SPECIFIED MUST BE SHOP-PERFORMED CONTINUOUS OR ALL-AROUND 3/16" FILLET WELDS.

WELD FILLER METAL MUST MEET THE ADDITIONAL REQUIREMENT:
CVN TOUGHNESS: 40 FT LBS AT 70°F

THERE MUST BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

ALL CONNECTIONS MUST BE SIMPLE, SINGLE PLATE SHEAR CONNECTIONS USING HIGH-STRENGTH BEARING TYPE BOLTS WITH THREADS INCLUDED IN THE SHEAR PLANE, A325-N, UON. NUTS MUST BE SNUG-TIGHT, UON. ONE PLY OF THE CONNECTION MUST USE SHORT-SLOTTED HOLES ORIENTED HORIZONTALLY.

THE CONTRACTOR MUST BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES. CONSIDERATION SHOULD BE GIVEN TO TEMPERATURE DIFFERENTIALS.

ALL STEEL MUST BE CLEANED BY METHODS COMPLYING WITH THE STEEL STRUCTURES PAINTING COUNCIL METHOD SSPC-SP3, POWER TOOL CLEANING. REMOVE OIL, GREASE, AND SIMILAR CONTAMINANTS. EXCEPT FOR MEMBERS TO BE WELDED, APPLY STRUCTURAL STEEL PRIMER PAINT IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS TO A UNIFORM DRY FILM THICKNESS OF 2.0 MILS. AFTER FINAL STEEL INSTALLATION, WIRE BRUSH EXPOSED STEEL SURFACES AND CLEAN WITH SOLVENTS BEFORE TOUCH-UP PAINTING. TOUCH-UP PAINT MUST BE THE SAME AS SHOP PAINT. STRUCTURAL STEEL TO RECEIVE SPRAY-APPLIED FIRE-PROOFING MAY BE SUPPLIED AS BARE STEEL.

STEEL EXPOSED TO WEATHER OR INDICATED AS GALVANIZED MUST BE HOT-DIP GALVANIZED PER ASTM A123. TOUCH-UP AND REPAIR GALVANIZATION MUST CONFORM TO ASTM A780. FASTENERS MUST COMPLY WITH ASTM A153.

THE CONTRACTOR MUST SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW. THESE DRAWINGS MUST BE CHECKED BY THE CONTRACTOR BEFORE SUBMITTAL AND MUST SHOW SHOP FABRICATION DETAILS, FIELD ASSEMBLY DETAILS, AND ERECTION DIAGRAM FOR ALL STRUCTURAL STEEL. ALSO SUBMIT WELDERS' QUALIFICATIONS.

STRUCTURAL TIMBER

MATERIALS:

DIMENSIONAL LUMBER:	DOUG-FIR NO. 2 OR BETTER
GLUE-LAMINATED TIMBER:	DF/DF, 24F-V4 FOR SIMPLE SPANS DF/DF, 24F-V8 FOR CANTILEVERS OR CONTINUOUS SPANS.
GL TIMBER APPEARANCE:	INDUSTRIAL GRADE WHERE HIDDEN BY FINISHES, ARCHITECTURAL GRADE WHERE EXPOSED TO VIEW BCI VERSA STUD 1.7 2400f
LVL:	DOUG-FIR NO. 1
POST AND HEAVY TIMBERS:	APA RATED SHEATHING, EXPOSURE 1, SPAN RATED 40/20, 23/32 PERFORMANCE CATEGORY (NOMINAL THICKNESS: 3/4-INCH)
ROOF SHEATHING:	APA RATED SHEATHING, EXPOSURE 1, SPAN RATED 32/16, 15/32 PERFORMANCE CATEGORY (NOMINAL THICKNESS: 1/2-INCH) REF ARCH FOR SPECIFICATION
WALL SHEATHING:	
T&G DECKING:	

SHEATHING MUST BE USED IN ACCORDANCE WITH THE RECOMMENDATIONS OF APA, THE ENGINEERED WOOD ASSOCIATION. PLACE NAILS 3/8-INCH FROM EDGE OF PANELS

INSTALL ROOF SHEATHING WITH THE LONG DIMENSION ACROSS SUPPORTS. STAGGER ADJACENT PANELS 48-INCHES. ALLOW 1/8-INCH SPACING AT PANEL ENDS AND PANEL EDGES, UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER.

INSTALL WALL SHEATHING VERTICALLY OR HORIZONTALLY. ALLOW 1/8-INCH SPACING AT PANEL ENDS AND PANEL EDGES, UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER.

ALL ROOF DIAPHRAGMS MUST BE NAILED:
PANEL EDGES & WHERE NOTED AS DBN: 10d NAILS AT 4-INCHES ON-CENTER
INTERMEDIATE SUPPORTS: 10d @ 12-INCHES ON-CENTER
BLOCKING MUST BE 2x MIN, BUT MAY BE FLAT 2x BLOCKING.

THERE MUST BE NO FIELD CUTTING OF STRUCTURAL TIMBER MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR REVIEW OF THE ENGINEER.

ALL NAILS MUST BE COMMON WIRE SMOOTH SHANK NAILS. PER ASTM F1667, UNLESS NOTED OTHERWISE. OTHER NAILS PER ESR-1539 ARE ALLOWED WITH NUMBER OR SPACING ADJUSTMENTS. SUBMIT DEFERRED SUBMITTAL FOR ALTERNATE FASTENERS. NAILING MUST CONFORM TO TABLE 2304.10.1 OF THE IBC. MINIMUM NAIL DIMENSIONS ARE AS FOLLOWS:

NAIL SIZE	LENGTH	DIAMETER	HEAD DIAMETER
8d	2-1/2"	0.131"	0.281"
10d	3"	0.148"	0.312"
16d	3-1/2"	0.162"	0.344"

STRUCTURAL TIMBER (CONT)

NAILS OR STAPLES MUST BE DRIVEN FLUSH; HEADS MUST NOT BE DRIVEN BEYOND TIMBER SURFACE. STANDARD ASTM A307 BOLTS MUST BE USED IN STD HOLES. WASHERS MUST BE USED UNDER ALL BOLT HEADS AND NUTS CONTACTING WOOD.

WOOD PLATES OR SILLS MUST BE AWW 2X DIMENSIONAL LUMBER BOLTED TO FOUNDATIONS WITH 5/8-INCH DIAMETER ASTM A307 GALV BOLTS. MINIMUM EMBEDMENT MUST BE 7-INCHES AND MAXIMUM SPACING MUST BE 4-FEET ON-CENTER.

SEE SCHEDULE FOR SILL PLATE AND SILL BOLT REQUIREMENTS AT SHEAR WALLS. SHEAR WALL ANCHOR BOLTS MUST HAVE 3 INCH X 3 INCH X 0.229 INCH THICK GALV PLATE WASHERS BETWEEN THE SILL PLATE AND THE NUT.

ALL AWW SHEATHING AND LUMBER MUST BE PRESSURE TREATED IN ACCORDANCE WITH AWWA U1 STANDARD:
CAT UC2 FOR INTERIOR CONST NOT IN CONTACT WITH GROUND
CAT UC3b FOR EXTERIOR CONST NOT IN CONTACT WITH GROUND
CAT UC4a FOR ITEMS IN CONTACT WITH GROUND

MEMBERS MORE THAN 8-INCHES ABOVE ADJACENT GRADE NEED NOT HAVE THIS SPECIAL PRESERVATIVE TREATMENT, UON. TIMBER FASTENERS USED TO FASTEN SILL PLATES MUST BE HOT-DIP GALVANIZED, STAINLESS STEEL, SILICON BRONZE OR COPPER.

ALLOW A GAP BETWEEN THE TOP OF NON-BEARING PARTITIONS AND JOISTS ABOVE. ALLOW THE JOISTS TO DEFLECT UNDER LIVE LOAD WITHOUT TOUCHING THE NON-BEARING PARTITION. DEFLECTIONS MUST BE COORDINATED WITH THE TRUSS MANUFACTURER.

PRE-MANUFACTURED HARDWARE MUST BE SIMPSON OR APPROVED EQUAL FASTENERS FOR METAL CONNECTORS MUST CONFORM TO MANUFACTURER'S RECOMMENDATIONS FOR THE HIGHEST CAPACITY AVAILABLE FOR EACH CONNECTOR, UNLESS OTHERWISE NOTED.

COIL STRAPS MUST BE INSTALLED WITH 2.5" LONG FASTENERS, MINIMUM, AND CONTRACTOR SHALL ADD 4x4 (OR DOUBLE 2x4) BLOCKING BELOW FLOOR SHEATHING WHERE STRAP IS NOT LOCATED OVER A FRAMING MEMBER. STRAPS MAY BE LOCATED UP TO 12" AWAY FROM INDICATED LOCATION TO ALIGN WITH FRAMING MEMBERS OR TO AVOID CONFLICTS. EXTEND HORIZONTAL STRAPS ONE END LENGTH PAST THE CORNER, EDGE OF OPENING, OR END OF SHEAR WALL AND SECURE WITH HALF THE TOTAL FASTENERS NOTED BY THE MANUFACTURER AT EACH END. LAP SPLICE STRAPS BY EITHER INSTALLING REQUIRED SPLICE FASTENERS THROUGH BOTH STRAPS, OR BY OVERLAPPING ADJACENT STRAPS BY ONE END LENGTH. OVER LENGTH OF STRAP, BETWEEN SPLICES AND END ZONES, FILL ALL HOLES.

IF WALL SECTIONS ARE BUILT IN PANELS, WALL SHEATHING MAY END AT THE FACE OF A STUD. AN EQUAL STUD MUST BE PLACED AT THE END OF THE ADJACENT PANEL. THE TWO END STUDS MUST BE NAILED TOGETHER WITH 16d NAILS AT THE SAME SPACING AS IS REQUIRED FOR THE EDGE NAILING OF THE SHEATHING TO THE STUDS. ALTERNATE NAILING DIRECTION SO ONE-HALF OF NAILS PENETRATE EACH END STUD.

SHEAR WALL ACCEPTANCE

PER APA, IF LESS THAN 20% OF THE FASTENERS ON AN EDGE NAILED STUD ARE OVERDRIVEN LESS THAN 1/8-INCH, THEY MAY BE IGNORED. IF MORE THAN 20% OF THE FASTENERS ARE OVERDRIVEN BY MORE THAN 1/3-INCH ON EDGE NAILED STUD, ADD ONE NAIL FOR EVERY TWO THAT ARE OVERDRIVEN.

WHERE EDGE NAILS AT 2-INCHES OC, WHEN MORE THAN FIVE FASTENERS IN A ROW ARE OVERDRIVEN MORE THAN 1/8-INCH, A 2x STUD MUST BE SISTERED ALONG SIDE AND NAILED TO THE SHEATHING WITH THE SAME NAILING. THIS 2x ONLY NEED EXTEND OVER THE LENGTH OF THE OVERDRIVEN FASTENERS. AGAIN, ADD ONE NAIL FOR EVERY TWO THAT ARE OVERDRIVEN.

THE INTERIOR PANEL NAILING IS ACCEPTABLE AS-IS, EVEN IF 100% OF THE NAILING IS OVERDRIVEN.

SHOP-FABRICATED WOOD TRUSSES

WOOD TRUSSES MUST MEET THE ANSI / TPI 1 NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION. TRUSSES MUST BE HANDLED, INSTALLED, AND BRACED (TEMPORARILY AND PERMANENTLY) IN ACCORDANCE WITH TRUSS PLATE INSTITUTE DSB, "RECOMMENDED DESIGN SPECIFICATION FOR TEMPORARY BRACING OF METAL-PLATE-CONNECTED WOOD TRUSSES," AND BCSI, "BUILDING COMPONENT SAFETY INFORMATION: GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING METAL-PLATE-CONNECTED WOOD TRUSSES."

TRUSSES MUST BE SUPPLIED BY THE MANUFACTURER WITH PLAN, DETAILS, AND ELEVATIONS DEPICTING REQUIRED TEMPORARY AND PERMANENT LATERAL RESTRAINT AND DIAGONAL BRACING SPECIFIC TO THIS PROJECT INCLUDING SPACING, LOCATIONS, SIZES AND CONNECTIONS.

TRUSS DESIGN DRAWINGS MUST CONFORM TO IBC SECTION 2303.4. DESIGN TRUSSES FOR THE FOLLOWING LOADS IN ADDITION TO THOSE LISTED IN STRUCTURAL DESIGN DATA:

DEAD LOADS:	TOP CHORD = 15 PSF BOTTOM CHORD = 5 PSF
WIND UPLIFT:	SEE ROOF LOAD MAP FOR WIND UPLIFTS ON ROOFING

LIMIT DEFLECTION UNDER TOTAL LOAD TO L/180 AND DEFLECTION UNDER SNOW LOAD TO L/240.

IN ADDITION TO THE ABOVE, THE GABLE END TRUSSES MUST BE DESIGNED FOR A LATERAL WIND DESIGN LOAD (OUT-OF-PLANE) OF 27 PSF.

THE DURATION FACTOR FOR SNOW LOADS MUST BE 1.0.

THE FABRICATION TOLERANCE FACTOR (Cq in TPI 6.4.10.4) SHALL NOT EXCEED 0.80 IN TRUSS DESIGN.

EACH INSTALLED TRUSS MUST BE MARKED WITH NOTES SPECIFYING THE DESIGN SNOW LOADING AND MAXIMUM SPACING.

MANUFACTURER TO PROVIDE TRUSSES & DETAILS THAT CAN ACCOMMODATE OPENINGS LARGER THAN THE TRUSS SPACING. ALSO PROVIDE TRUSSES TO ALLOW FOR SIDE ACCESS, PER ARCH. SEE PLANS FOR SPECIFIC LOCATIONS & DIMENSIONS.

95% SUBMITTAL

INTERIOR ALASKA VETERANS
CEMETERY (IACV)

DOT/FP 2800330000; DNVA XX

GENERAL NOTES

SCALE:	12" = 1'-0"
DRAWN BY:	JS
PROJ/ MGR:	JS
ENGINEER:	JS
DATE:	06/20/2025
SHEET NO:	SJ 002
	2 of 12

DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
FACILITIES



DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

DRAWINGS PREPARED BY

R&M CONSULTANTS, INC.

8101 VANKYUARD DRIVE
ANCHORAGE, AK 99507

STRUCTURAL DRAWINGS
PREPARED BY

REID MIDDLETON, INC.

4300 B ST STE 302
ANCHORAGE, AK 99503

NOTE

DATE

HOLLOW LOAD BEARING CONCRETE MASONRY UNITS MUST CONFORM TO ASTM C90, GRADE N, TYPE I, NORMAL WEIGHT, WITH A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 2,000 PSI, MIN. PROTECT UNITS FROM MOISTURE PRIOR TO INSTALLATION.

GROUT MUST MEET ASTM C476. PROPORTIONS MUST COMPLY WITH TMS 602-16 TABLE SC-7. MINIMUM COMPRESSIVE STRENGTH = 2,000 PSI. PROVIDE ADEQUATE TEMPORARY BRACING DURING CONSTRUCTION TO WITHSTAND LATERAL LOADS AND THE PRESSURES OF FLUID GROUT.

CMU MUST BE LAID IN RUNNING BOND, AND CONSTRUCTION MUST COMPLY WITH TMS 502-16 SECTION 3.3.

-VERTICAL: #5 @ 24" OC, AND IN CORNER AND ENDWALL CELLS.
-HORIZONTAL (BOND BEAMS): #5 @ 48" OC, (2) #5 AT ROOF/FLOOR LEVELS.
-AT ENDS OF WALLS OR OPENINGS, TERMINATE BOND BEAM REINFORCEMENT IN A STANDARD 180-DEGREE HOOK AROUND THE VERTICAL REINFORCEMENT.

MASONRY INSTALLED IN COLD WEATHER MUST MEET TMS 602-16 SECTION 1.8 C.

DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

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DATE	NOTE
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NOTE

SJ 003

Plotted 6/30/2025 8:55:50 AM by C:\Users\jacobg551\Documents\ALCHL_40MVA_5TR_424_40azm.dwt

SPECIAL INSPECTION & TESTING SCHEDULE				
ITEM	C.I.	P.I.	REFERENCE STANDARD	REMARKS
PREFABRICATED ITEMS	X	X	IBC 1704.2.5	REQUIRED FOR STRUCTURAL, LOAD-BEARING, OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES UNLESS OTHERWISE APPROVED BY BUILDING OFFICIAL
SOILS			IBC 1705.6, TABLE 1705.6	
VERIFY: - MATERIAL BELOW FOUNDATIONS ARE ADEQUATE FOR BEARING CAPACITY - EXCAVATION DEPTH AND PROPER MATERIAL REACHED BY DEPTH - PRIOR TO COMPACTED FILL, OBSERVE SUBGRADE AND SITE PREPERATION		X		PRIOR TO REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL INSPECT AND APPROVE THE FOUNDATION EXCAVATIONS
VERIFY USE OF PROPER MATERIALS DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X			
PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	T			ONLY IF TOTAL CONTROLLED FILL DEPTH IS MORE THAN 12-INCHES
CONCRETE:			ACI 318, 301, 302.1R, ACI 311.1R; ACI 311.4R; IBC 1705.3, TABLE 1705.3	
REINFORCING MATERIALS AND PLACEMENT		X	ACI 318: Ch.20, 25.2, 25.3, 26.6.1-26.6.3	
INSPECTION OF FORMWORK FOR SHAPE, LOCATION & DIMENSIONS		X	ACI 318 26.11.2(b)	
ANCHOR RODS, EMBEDDED BOLTS & INSERTS		X	ACI 318 17.8.2	PRIOR TO AND DURING CONCRETE PLACEMENT
USE OF REQUIRED MIX DESIGN		X	ACI 318: Ch.19, 26.4.3, 26.4.4; ACI 304R-00; IBC 1904.1, 1904.2	
CONCRETE SLUMP, AIR CONTENT, TEMPERATURE & PREPARATION OF STRENGTH TEST SPECIMENS	T		ASTM: C172, C31; ACI 318: 26.5, 26.12; ACI 311.5-04	PROVIDE TEST ONCE EVERY 150 CY, OR EACH 5,000 SQ-FT OF SLABS OR WALLS, BUT AT LEAST ONCE A DAY DURING PLACEMENT. SEE NOTE 4
CONCRETE PLACEMENT	X		ACI 318 26.5; ACI 304.2R-17	
CONCRETE CURING		X	ACI 318 26.5; ACI 308R-16	MAINTAIN PROPER TEMPERATURE AND CURING TECHNIQUE
PROTECTION OF CONCRETE DURING COLD WEATHER (TEMPERATURE BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90° F)		X	ACI 318 26.5.4, 26.5.5; ACI 306R-16; ACI 305R-20	
POST-INSTALLED ANCHORS; VERIFY CERTIFICATION PRIOR TO INSTALLING HORIZONTAL OR INCLINED ADHESIVE ANCHORS	X (SEE NOTE)	X	ACI 318 17.8, 26.7.1(i); ICC-ES REPORT	PER MANUFACTURER REQUIREMENTS, INCLUDES THE DRILLING & CLEANING OUT OF THE HOLES & THE INSTALLATION OF THE ANCHORS. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED SHALL BE PERFORMED BY ACI/CRSI CERTIFIED PERSONNEL ONLY AND REQUIRE CONTINUOUS INSPECTION.
GROUTING OF BASE PLATES	X			CONFIRM PROPER MIX, NO VOIDS, GROUT FULLY SUPPORTS BASE PLATE.
FLOOR FLATNESS, LEVELNESS	X		ACI 302.1R-15, ASTM E 1155	SLABS ON GRADE SHALL HAVE A FLOOR FLATNESS ≥ 28, FLOOR LEVELNESS ≥ 20; MEASUREMENTS SHOULD BE TAKEN WITHIN 24 HOURS AFTER PLACEMENT
WOOD:			2018 NDS, 2015 SDPWS, 2018 IBC: 1705.5, 1705.11.1, 1705.12.2	
GRADE STAMPS ON LUMBER & SHEATHING		X		INCLUDING ENG. LUMBER, JOISTS, PREFAB TRUSSES, ETC
DETAILS OF WOOD FRAMING		X		BLOCKING, CONNECTIONS, BRIDGING, BEARING, HANGERS
NAILING OF ALL SHEAR WALLS AND ROOF DIAPHRAGMS		X	IBC 1705.11.1	INCLUDING SIZE OF FRAMING AT PANEL EDGES. SEE NOTE 5 FOR EXCEPTIONS.
SIZES AND LOCATIONS OF ALL HOLDDOWNS		X		
SIZES, LOCATIONS OF ALL STRAPS		X		
SIZES, SPACINGS OF SILL		X		
ADDITIONAL SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE			IBC 1705.12	
REQUIRED CLEARANCES ARE MET FOR INSTALLATION OF ALL MEP EQUIPMENT IF FIRE SPRINKLER SYSTEM INSTALLED		X	IBC: 1705.12.6 (6), 6.1 & 6.2 ASCE 7-16: 13.2.3	INSPECTION NOT REQUIRED IF FLEXIBLE SPRINKLER HOSE FITTINGS ARE USED.
SCHEDULE NOTES: 1. ITEMS MARKED WITH AN "X" REQUIRE INSPECTION BY A SPECIAL INSPECTOR, ITEMS INDICATED WITH A "T" REQUIRE THE SPECIAL INSPECTOR TO OBSERVE QUALITY CONTROL TESTING BY THE CONTRACTOR. 2. C.I. = CONTINUOUS SPECIAL INSPECTION DURING PROGRESS OF WORK. 3. P.I. = PERIODIC SPECIAL INSPECTION DURING PROGRESS OF WORK. 4. WHEN TOTAL QUANTITY OF A GIVEN CLASS OF CONCRETE IS LESS THAN 5 CY, STRENGTH TESTS ARE NOT REQUIRED. 5. SPECIAL INSPECTION NOT REQUIRED FOR SHEAR WALLS OR DIAPHRAGMS, INCLUDING BOLTING, HOLDDOWNS AND OTHER FASTENINGS, WHEN SHEATHING IS ON ONE SIDE ONLY AND EDGE NAILING PATTERN IS AT 6-INCHES ON-CENTER. 6. NOT USED 7. NOT USED 8. NOT USED				

STATEMENT OF SPECIAL INSPECTIONS
THE FOLLOWING STRUCTURAL SYSTEMS ARE PART OF THE DESIGNATED LATERAL FORCE RESISTING SYSTEMS IN THE BUILDING AND HENCE ARE SUBJECT TO THE REQUIREMENTS OF THIS STATEMENT OF SPECIAL INSPECTIONS AND THE STRUCTURAL SPECIAL INSPECTION AND TESTING SCHEDULE IN ACCORDANCE WITH IBC SECTION 1704.3.

- CONCRETE FOUNDATIONS
- CONCRETE PIERS
- WOOD DIAPHRAGMS
- WOOD SHEAR WALLS

SPECIAL INSPECTIONS AND TESTING
THE OWNER SHALL ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC. SPECIAL INSPECTION AND TESTING OF THE DESIGNATED SEISMIC SYSTEMS AND OTHER BUILDING STRUCTURE COMPONENTS SHALL BE AS OUTLINED IN THE SPECIAL INSPECTIONS AND TESTING SCHEDULE. WHERE REQUIREMENTS OVERLAP, THE MORE STRINGENT IS TO BE USED.

DISTRIBUTION OF REPORTS
COPIES OF THE SPECIAL INSPECTION AND TEST REPORTS SHALL BE DISTRIBUTED TO THE AHJ, THE GENERAL CONTRACTOR, THE ENGINEER OF RECORD, AND THE ARCHITECT OF RECORD. REPORTS SHALL BE COMPLETED DAILY AND DISTRIBUTED ON A WEEKLY BASIS AND SHALL BE DISTRIBUTED BY THE MONDAY FOLLOWING THE WEEK IN WHICH THE INSPECTION OR TEST WAS COMPLETED. A COPY OF ALL SPECIAL INSPECTION REPORTS, DEFICIENCIES, AND CORRECTIVE ACTIONS SHALL BE MAINTAINED AT THE JOB SITE.

STRUCTURAL OBSERVATIONS
STRUCTURAL OBSERVATIONS ARE NOT REQUIRED FOR THIS PROJECT.

CONTRACTOR STATEMENT OF RESPONSIBILITY
CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER, IN ACCORDANCE WITH IBC 1704.4. THE STATEMENT SHALL ACKNOWLEDGE AWARENESS OF THE SPECIAL REQUIREMENTS OF THE QUALITY ASSURANCE PLAN; ACKNOWLEDGE THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS; IDENTIFY PROCEDURES FOR EXERCISING CONTROL; THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS; AND IDENTIFY PERSONS THAT WILL EXERCISE CONTROL AND THEIR QUALIFICATIONS.

95% SUBMITTAL

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PE Z800330000; DNVA XX
SPECIAL INSPECTIONS

SCALE:	1/2" = 1'-0"
DRAWN BY:	
PROJ. MGR:	
ENGINEER:	
DATE:	
SHEET NO:	SJ 004
	4 of 12

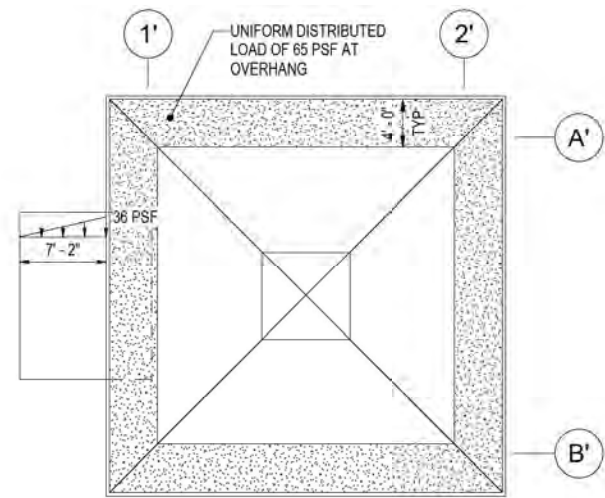


DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
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MAINTENANCE OFFICE

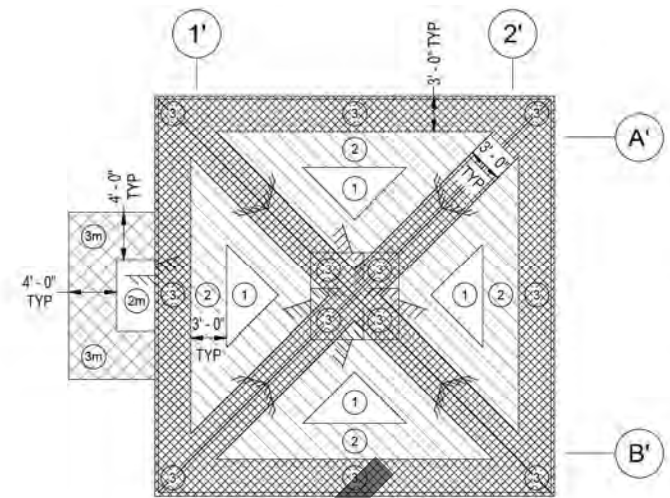
DRAWINGS PREPARED BY
R&M CONSULTANTS, INC.
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DATE					
NOTE					



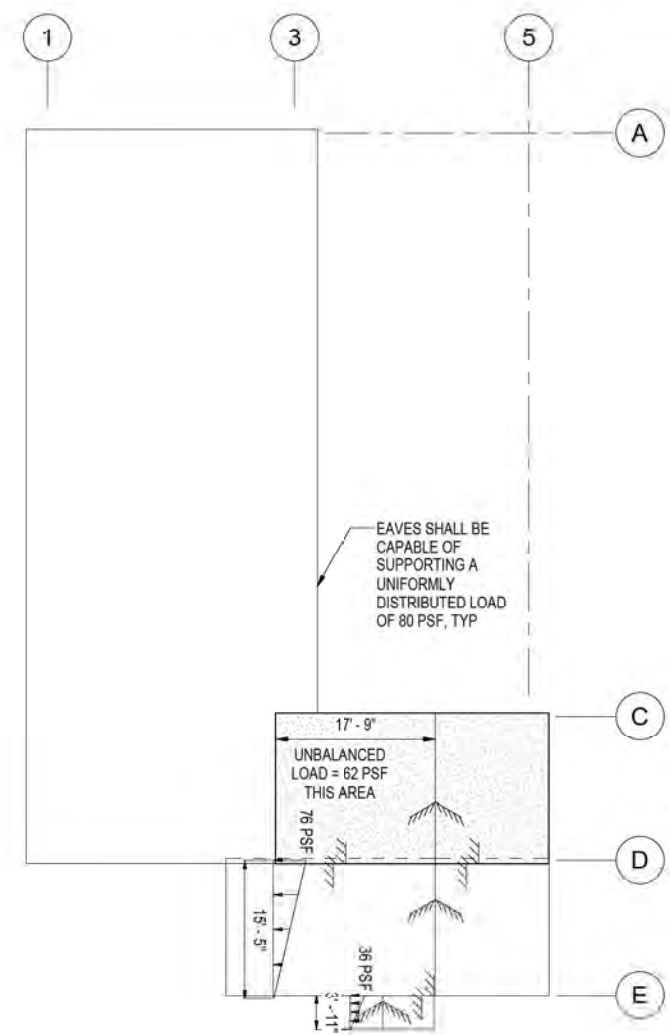
1 SNOW MAP - COMMITTAL SHELTER
SJ 005 1/8" = 1'-0"



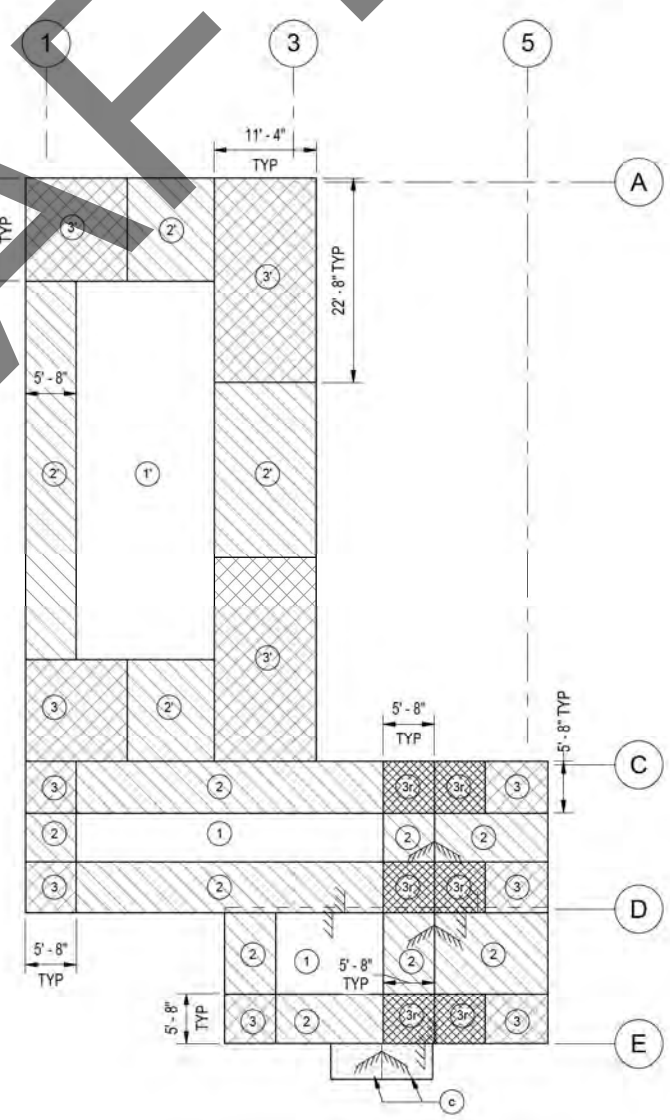
C&C WIND LOADS	
ZONE	10 SF
1 - INTERIOR CENTER	49 PSF
2 - INTERIOR	38 PSF
3 - EDGE AND PEAK	25 PSF
2m - MONO INTERIOR	66 PSF
3m - MONO EDGE	87 PSF

WIND NOTES:
1. THE WIND LOADS LISTED ABOVE ARE ULTIMATE GROSS AND ARE TO BE USED WITH LOAD COMBINATIONS IN ASCE 7-16.
2. THE DEAD LOAD FOR TRUSSES RESISTING WIND UPLIFT PER GENERAL NOTES.

2 WIND MAP - COMMITTAL SHELTER
SJ 005 1/8" = 1'-0"



3 SNOW MAP - ADMIN BLDG
SJ 005 3/32" = 1'-0"

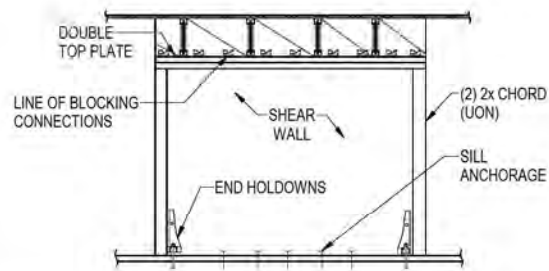


C&C WIND LOADS	
ZONE	10 SF / OH
1 - INTERIOR	59 PSF / 58 PSF
1' - INTERIOR MONO	38 PSF
2 - EDGE/RIDGE	82 PSF / 81 PSF
2' - EDGE MONO	50 PSF
3 - CORNER	82 PSF / 95 PSF
3' - CORNER MONO	73 PSF
3r - CORNER RIDGE	96 PSF / 109 PSF
4 - INTERIOR WALL	36 PSF
5 - EDGE WALL	42 PSF
c - CANOPY	20 PSF

NOTES:
1. THE WIND LOADS LISTED ABOVE ARE GROSS AND ARE TO BE USED WITH LOAD COMBINATIONS IN ASCE 7-16.
2. THE DEAD LOAD FOR TRUSSES RESISTING WIND UPLIFT PER GENERAL NOTES.

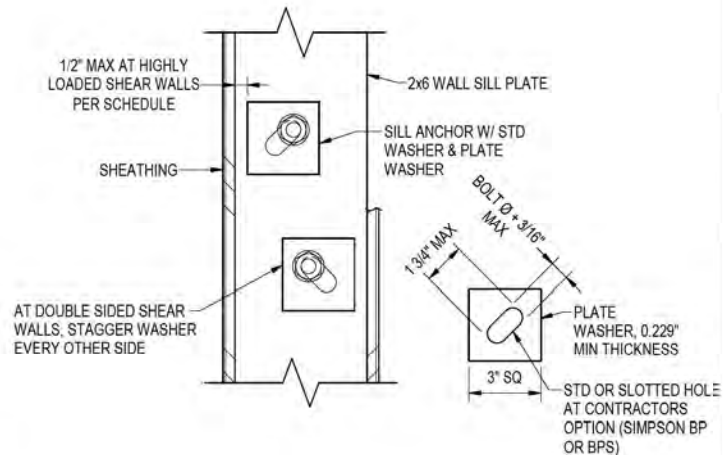
4 WIND MAP - ADMIN BLDG
SJ 005 3/32" = 1'-0"

DRAFT



WOOD SHEAR WALL SCHEDULE NOTES:

1. NAIL SPACING AT INTERIOR SUPPORTS SHALL BE 12" O.C.
2. USE MANUFACTURER RECOMMENDED FASTENERS IN ALL ANCHORS. FILL ALL HOLES WITH NAILS OR BOLTS AS RECOMMENDED.
3. BLOCK ALL PANEL EDGES IN SHEAR WALLS.
4. WHERE WALL REQUIRE SHEATHING BUT ARE NOT SHEAR WALLS, PANELS MAY BE APPLIED WITH LONG DIMENSION VERTICAL AND PANEL EDGES BLOCKING IS NOT REQUIRED.
5. WHERE INDICATED IN DETAILS THIS NAILING CALL OUT AS "SRN"
6. 3X STUDS REQUIRED ONLY AT VERTICAL EDGES OF PLYWOOD PANELS. MAY USE (2) 2x STUDS NAILED TOGETHER IN LIEU OF 3X.
7. HIGHLY LOADED SHEAR WALL: SILL ANCHOR WASHER MUST BE LOCATED WITHIN 1/2" OF THE PLYWOOD

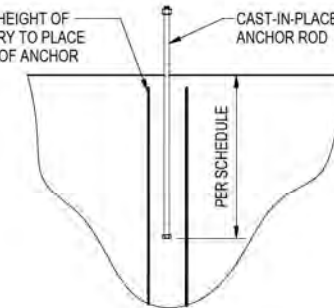


ANCHOR BOLT WASHERS

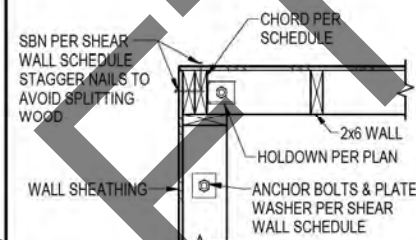
WOOD SHEAR WALL SCHEDULE								
SHEAR WALL ID	MINIMUM SHEATHING THICKNESS	SINGLE / DOUBLE SIDED	NAILING REQ'D @ PLWD EDGES (NOTE 5)	SILL ANCHORAGE INTO CONG SLAB	SILL ANCHORAGE INTO 8" CONC WALL	SILL ANCHORAGE INTO FLR BLKG BLW	BLOCKING CONNECTION	REMARKS
SW6	15/32"	SINGLE	8d @ 6" O.C.	1/2" Ø TITEN HD EMBED 3-1/4" @ 32" OC	1/2"Ø TITEN HD EMBED 3-1/4" @ 16" OC	16d @ 8"	A34 @ 16" O.C.	
SW4	15/32"	SINGLE	8d @ 4" O.C.	1/2"Ø TITEN HD EMBED 3-1/4" @ 24" OC	1/2"Ø TITEN HD EMBED 3-1/4" @ 8" OC	16d @ 4"	A34 @ 16" O.C.	
SW3	15/32"	SINGLE	8d @ 3" O.C.	1/2"Ø TITEN HD EMBED 3-1/4" @ 16" OC	1/2"Ø TITEN HD EMBED 3-1/4" @ 8" OC	16d @ 4"	A34 @ 12" O.C.	3x STUDS (NOTE 6), NOTE 7
SW2	15/32"	SINGLE	8d @ 2" O.C.	1/2"Ø TITEN HD EMBED 3-1/4" @ 8" OC	1/2"Ø TITEN HD EMBED 3-1/4" @ 8" OC	16d @ 3"	A34 @ 8" O.C.	3x STUDS (NOTE 6), NOTE 7
SWD4	15/32"	DOUBLE	8d @ 4" O.C.	1/2"Ø TITEN HD EMBED 3-1/4" @ 8" OC	1/2"Ø TITEN HD EMBED 3-1/4" @ 8" OC	16d @ 3"	A34 @ 8" O.C.	3x STUDS (NOTE 6), NOTE 7
SWD3	15/32"	DOUBLE	8d @ 3" O.C.	1/2"Ø TITEN HD EMBED 3-1/4" @ 8" OC	N/A	N/A	A34 @ 8" O.C.	3x STUDS (NOTE 6), NOTE 7
NON SHEAR WALL	15/32"	SINGLE	8d @ 6" O.C.	1/2" Ø TITEN HD EMBED 3-1/4" @ 48" OC	1/2"Ø TITEN HD EMBED 3-1/4" @ 48" OC	16d @ 16"	NONE REQUIRED	SEE NOTE 4

HOLDOWN SCHEDULE - CAST-IN-PLACE ANCHORS					
MARK	SIMPSON HOLDOWN	CHORD SIZE	CAST-IN-PLACE ANCHOR BOLT DIAMETER	CAST-IN-PLACE EMBED INTO TOP OF 8" CONC WALL	CAST-IN-PLACE EMBED INTO FOOTING OR THICKENED SLAB
	HDU2-SDS2.5	(2) 2X	5/8"	11"	5"
	HDU4-SDS2.5	(2) 2X	5/8"	11"	5"
	HDU8-SDS2.5	(3) 2X	7/8"	16"	7"
	(2)HDU8-SDS2.5	8X DF	1"	29"	9"
	HDU14-SDS2.5	8X DF	1"	38" + (2) #5 BAR @ EA ANCHOR	12"
	(2) HDU14-SDS2.5	8X DF	1"	38" + (2) #5 BAR @ EA ANCHOR	12"

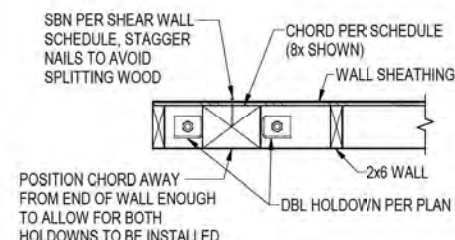
ADC VERT #5 FULL HEIGHT OF WALL AS NECESSARY TO PLACE (2) EARS WITHIN 6\"/>



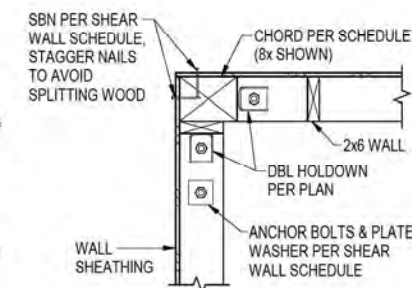
REINFORCEMENT AT ANCHORS IN CONG WALL



SHARED CORNER HOLDOWN



DOUBLE HOLDOWN LAYOUT



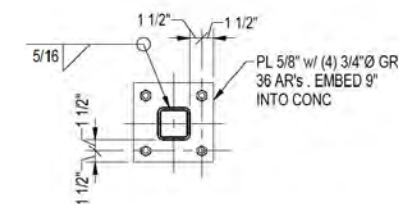
LAP SPICE SCHEDULE			
BAR SIZE	CLASS A SPLICE	CLASS B SPLICE	CLASS B TOP BAR

NOTES:

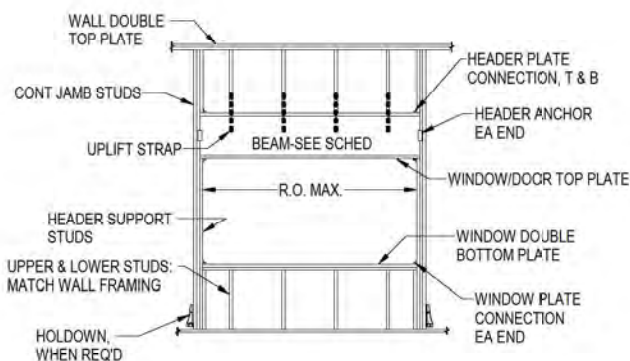
1. PROVIDE CLASS B LAP SPICE FOR ALL HORIZONTAL AND VERTICAL REINFORCEMENT, INCLUDING DOWELS, UNLESS OTHERWISE NOTED.
2. PROVIDE CLASS B TOP BAR SPLICES IN ALL HORIZONTAL REINFORCEMENT WITH MORE THAN 12-INCHES OF CONCRETE CAST BELOW IT.

WALL SCHEDULE	
MARK	FRAMING

FOUNDATION SCHEDULE				
TYPE MARK	LENGTH	WIDTH	THICKNESS	REINFORCEMENT



TYP COLUMN BASE PLATE



HEADER SCHEDULE NOTES:

1. METAL CONNECTOR DESIGNATED AS PER SIMPSON.
2. JAMB STUD TO PLATE & UPPER STUD ANCHORS SHALL BE THE SAME AS TYP STUD FOR WALL UNLESS OTHERWISE NOTED.
3. WHERE HEADER SIZE NOT CALLED OUT, USE H1 FOR SPANS LESS THAN 5', H2 FOR SPANS LESS THAN 8', & H3 FOR ALL OTHER SPANS.
4. IF HEADER SUPPORT COINCIDES WITH SHEAR WALL CHORD LOCATION, USE THE LARGER QUANTITY OF STUDS REQUIRED BETWEEN THE HOLDOWN SCHEDULE AND THE HEADER SCHEDULE.

HEADER SCHEDULE								
MEMBER ID	BEAM SIZE	BEAM HEADER SUPPORT STUD	JAMB STUDS	UPLIFT STRAPS	HEADER ANCHORS	UPPER HDR PL CONN	WINDOW PL CONN	NOTES

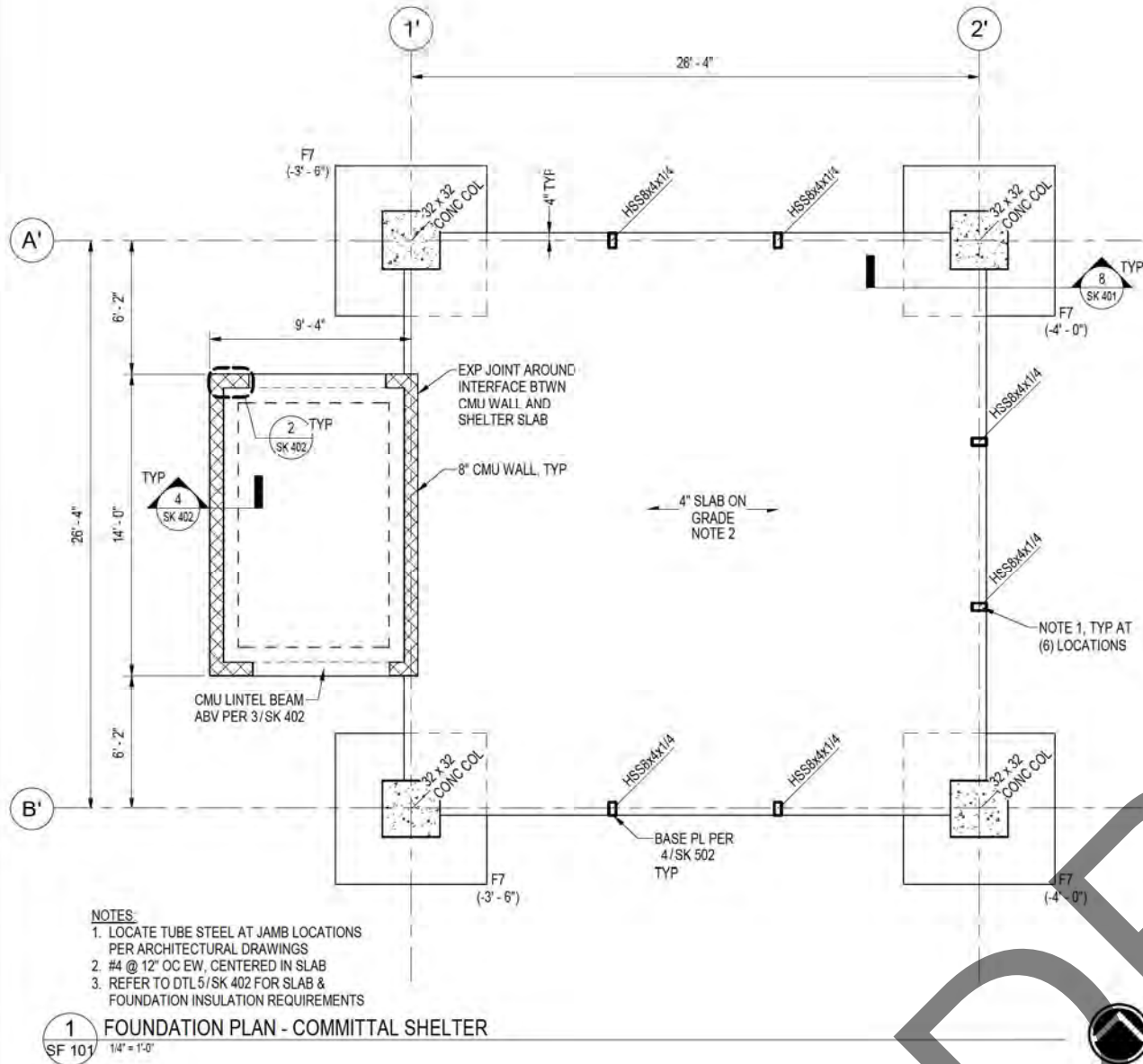
95% SUBMITTAL

INTERIOR ALASKA VETERANS CEMETERY (IACV)

DOT/FP 2800330000; DNVA XX

SCHEDULES

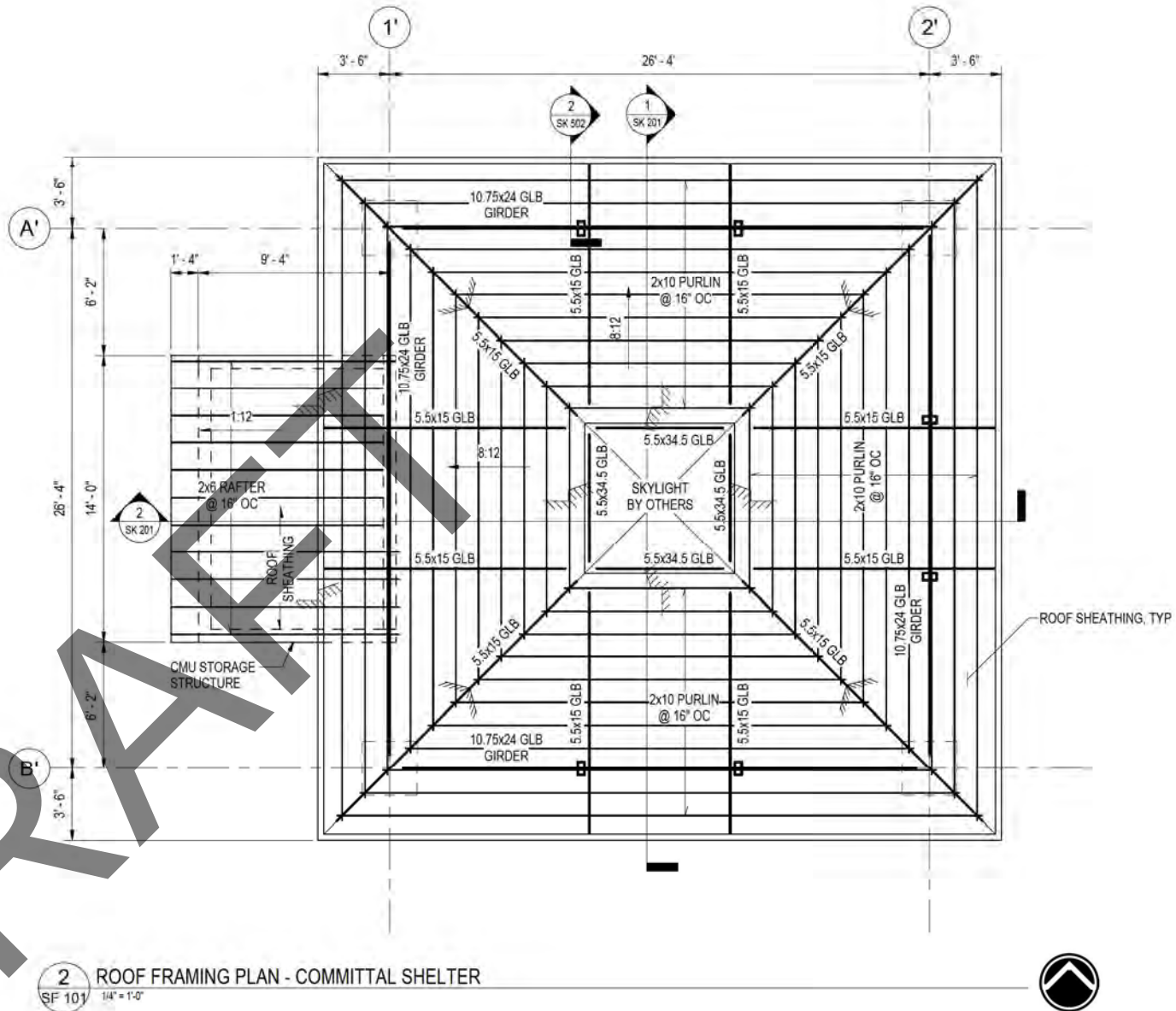
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DRAWN BY: GC
PROJ MGR: DB
ENGINEER: ES
DATE: 7/21/25
SHEET NO: SJ 006
6 of 12



NOTES:

1. LOCATE TUBE STEEL AT JAMB LOCATIONS PER ARCHITECTURAL DRAWINGS
2. #4 @ 12" OC EW, CENTERED IN SLAB
3. REFER TO DTL5/SK 402 FOR SLAB & FOUNDATION INSULATION REQUIREMENTS

1 FOUNDATION PLAN - COMMITAL SHELTER
SF 101
1/4" = 1'-0"



2 ROOF FRAMING PLAN - COMMITAL SHELTER
SF 101
1/4" = 1'-0"

95% SUBMITTAL

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PE Z800330000; DNVA XX

COMMITAL SHELTER -
FRAMING PLANS

SCALE: 1/4" = 1'-0"
DRAWN BY: EC
PROJ. MGR: DB
ENGINEER: ES
DATE: 7/01/25

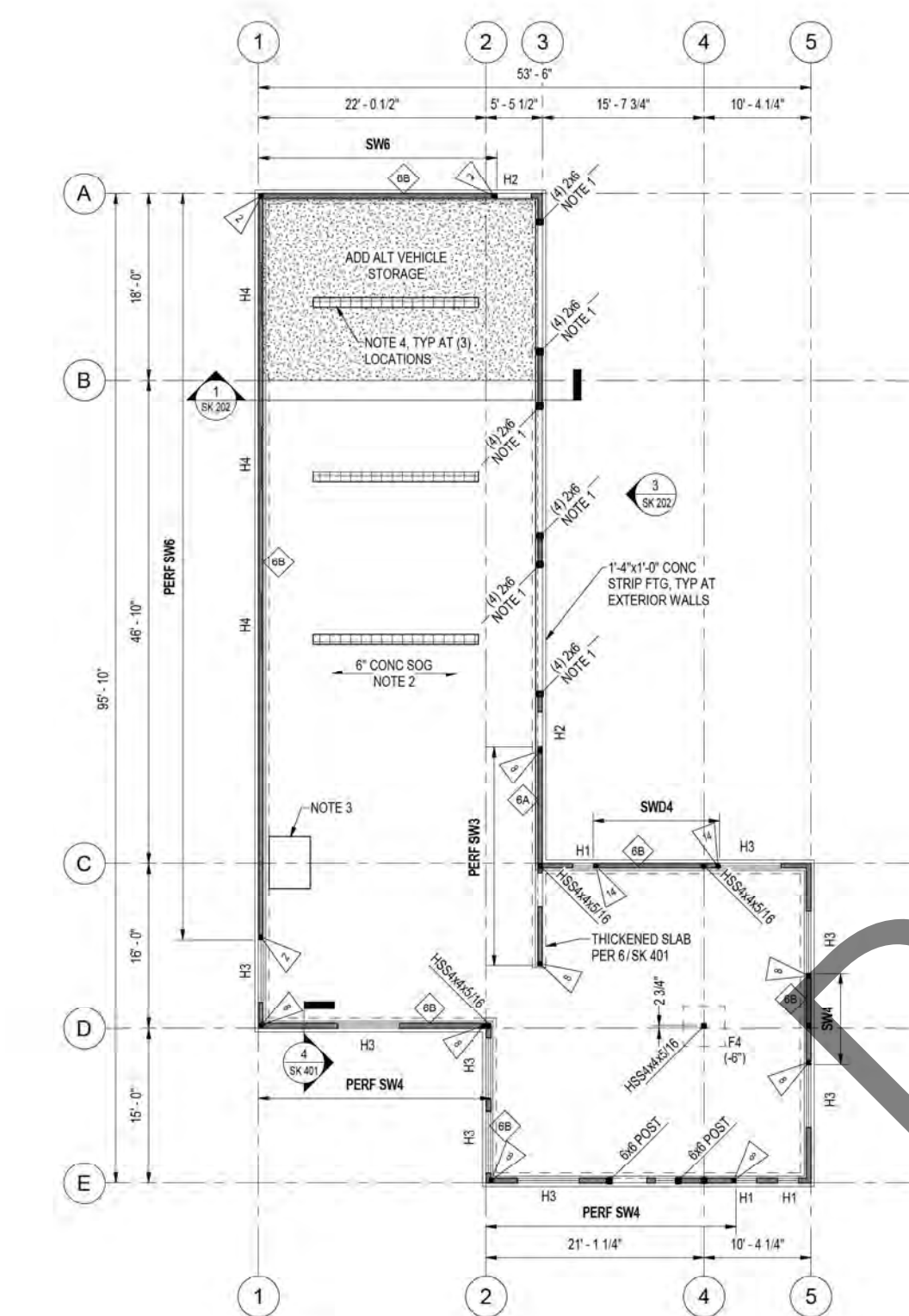
SHEET NO:
SF 101

7 of 12

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4300 B ST STE 302
ANCHORAGE, AK 99503

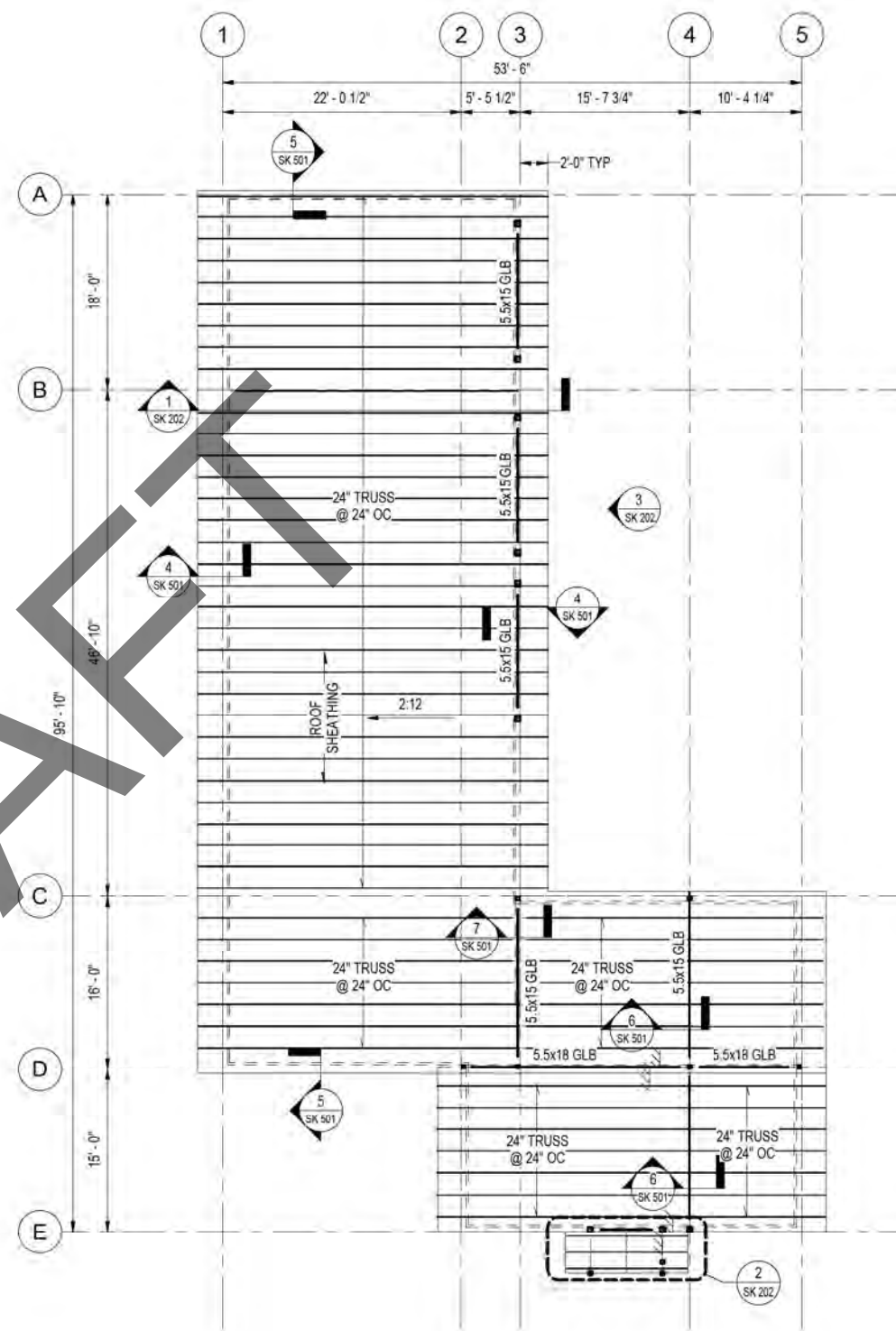
DATE NOTE

Plotted 6/30/2025 8:55:51 AM by



- NOTES:
1. JAMB TO BE LVL
 2. #5 BARS @ 12" OC EW CENTERED IN SLAB
 3. 4" CONC HKP PER DTL 9/SK 401, REF MECH FOR EQUIP LOCATION
 4. PREMANUFACTURED TRENCH DRAIN PER DTL10/SK 401

1 FOUNDATION PLAN - ADMIN BLDG
SF 102 1/8" = 1'-0"



2 ADMIN BLDG - ROOF FRAMING PLAN
SF 102 1/8" = 1'-0"



95% SUBMITTAL

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PT 2800330000; DNVA XX
ADMIN - FRAMING PLANS

SCALE:	1/8" = 1'-0"
DRAWN BY:	EC
PROJ. MGR:	GP
ENGINEER:	ES
DATE:	7/01/25
SHEET NO:	SF 102
	8 of 12

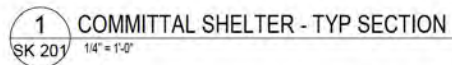


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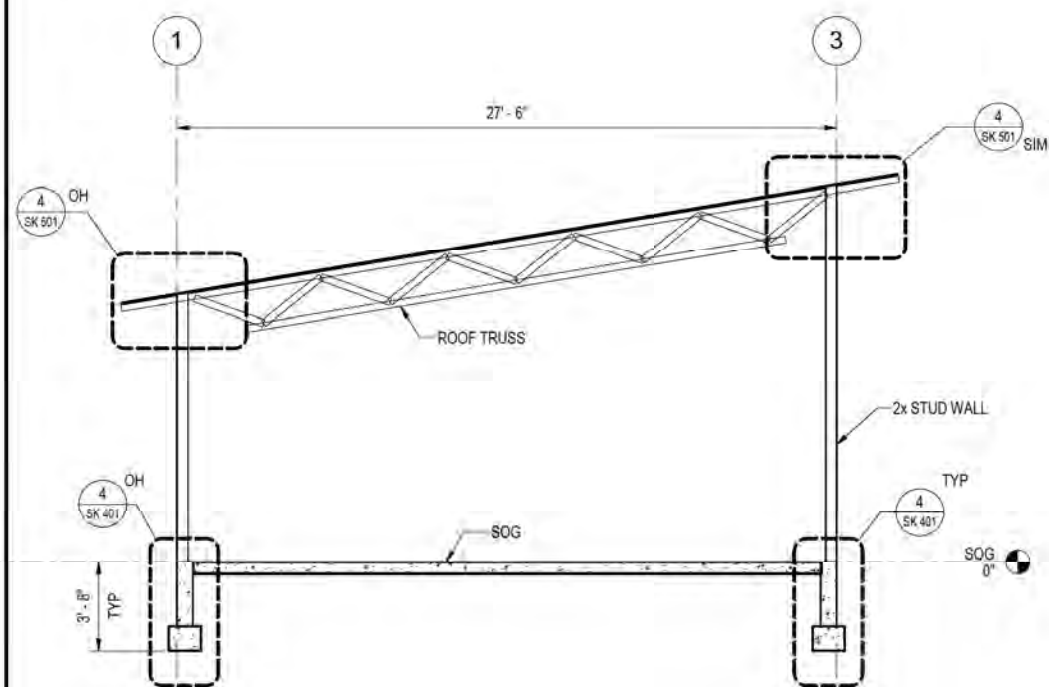
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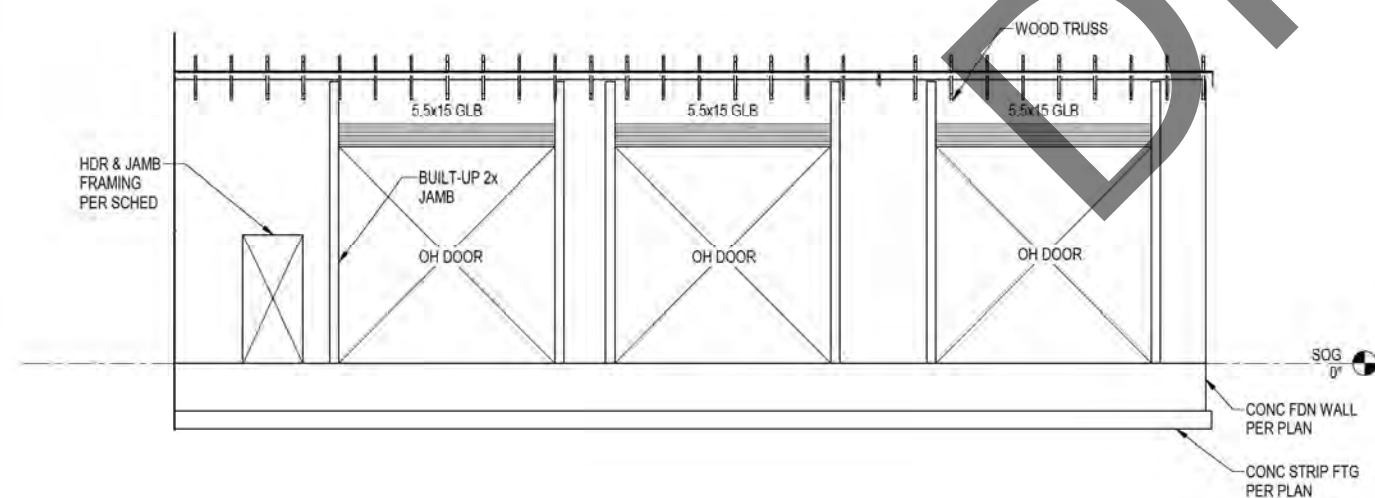
2
SK 201

COMMITTAL SHELTER - SE
14" x 14"

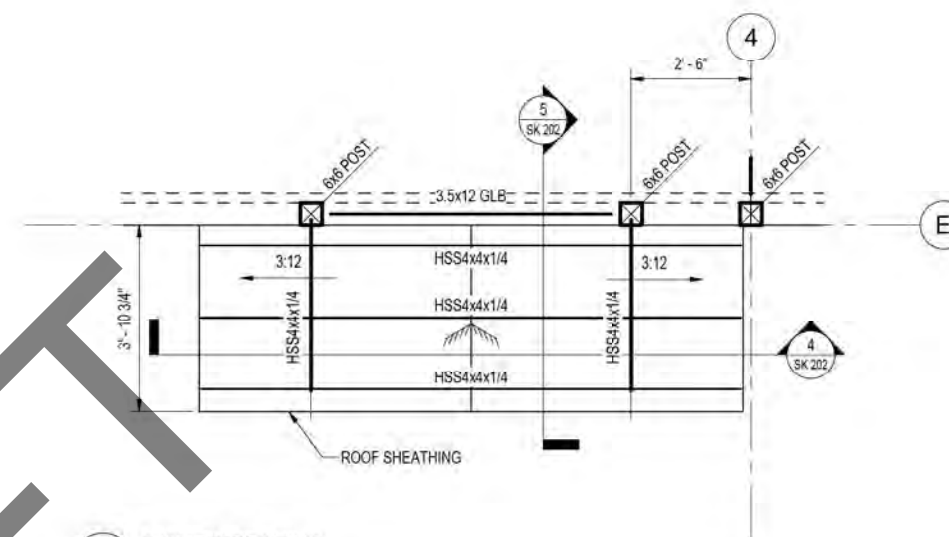
of 12



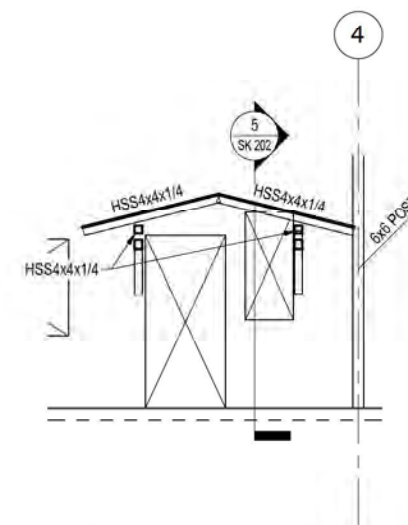
1 ADMIN BLDG - TYP SECTION
SK 202 1/4" = 1'-0"



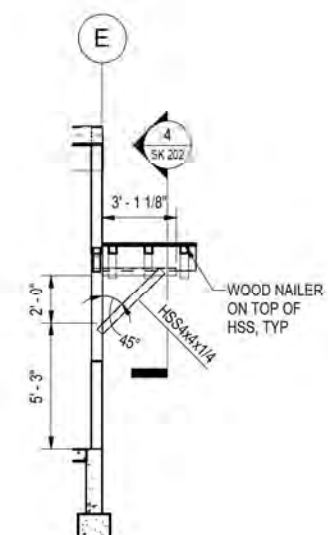
3 GRID 3 FRAMING ELEVATION
SK 202 3/16" = 1'-0"



2 CANOPY FRAMING
SK 202 1/2" = 1'-0"

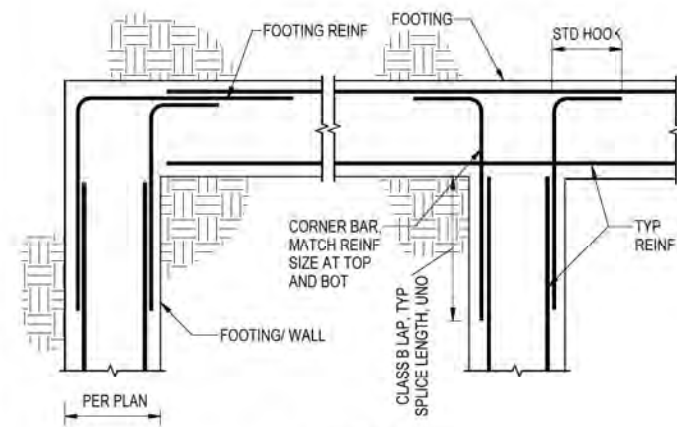


4 CANOPY FRAMING SECTION - NS
SK 202 1/4" = 1'-0"



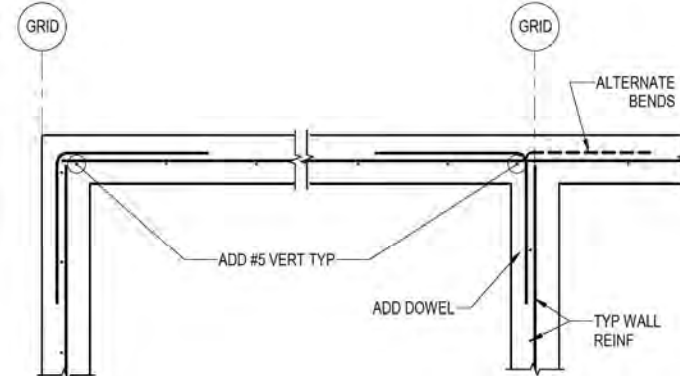
5 CANOPY FRAMING SECTION - EW
SK 202 1/4" = 1'-0"





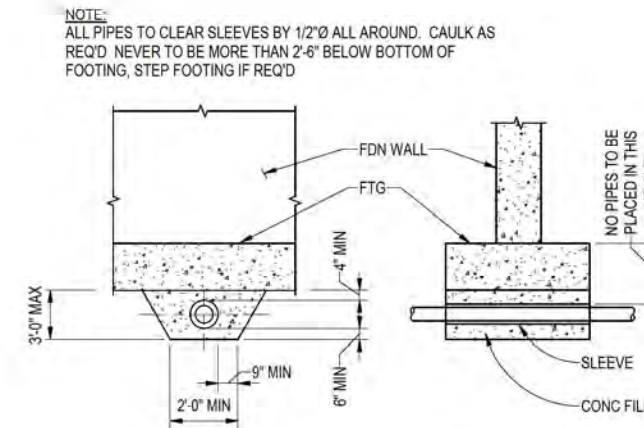
PLAN VIEW

1 TYP CONC FTG INTERSECTION
SK 401 3/4" = 1'-0"



NOTE:
1. DOWELS SHALL MATCH SIZE & SPACING OF TYP WALL REINF TIE DOWELS TO TYP WALL & FOUNDATION REINF.
2. ONLY APPLIES FOR #3 - #6 GRADE 60 BARS IN 3000 PSI CONC.

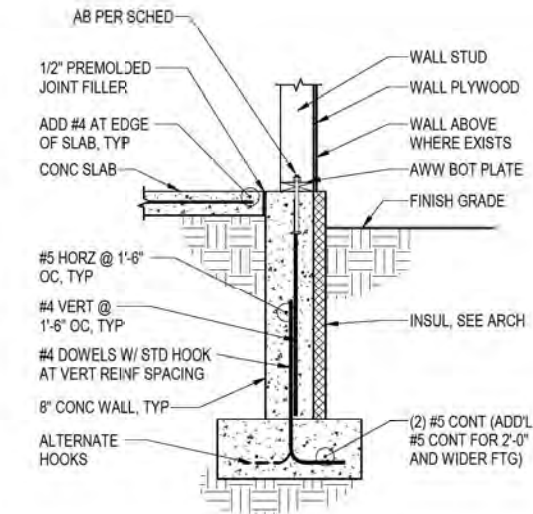
2 TYP CONC FDN WALL INTERSECTION
SK 401 3/4" = 1'-0"



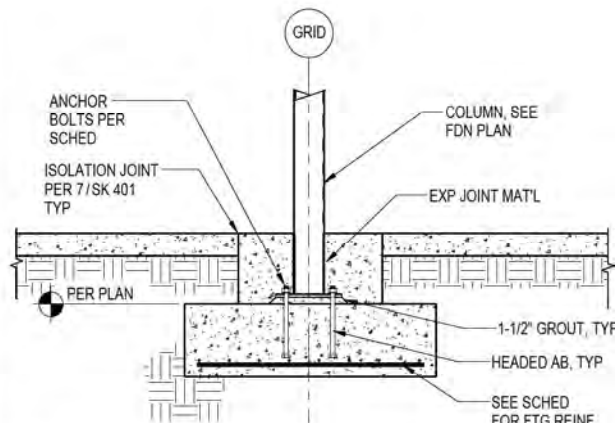
SIDE VIEW

SECTION

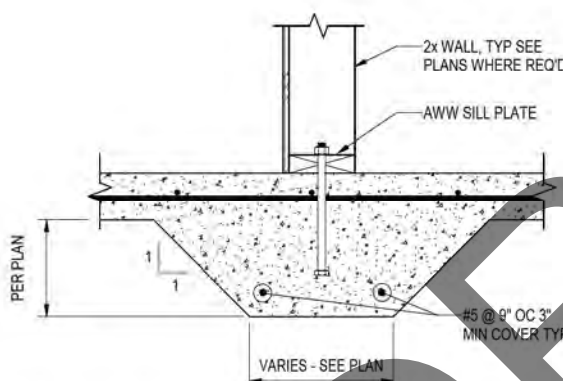
3 TYP CONC FTG PENETRATION
SK 401 3/4" = 1'-0"



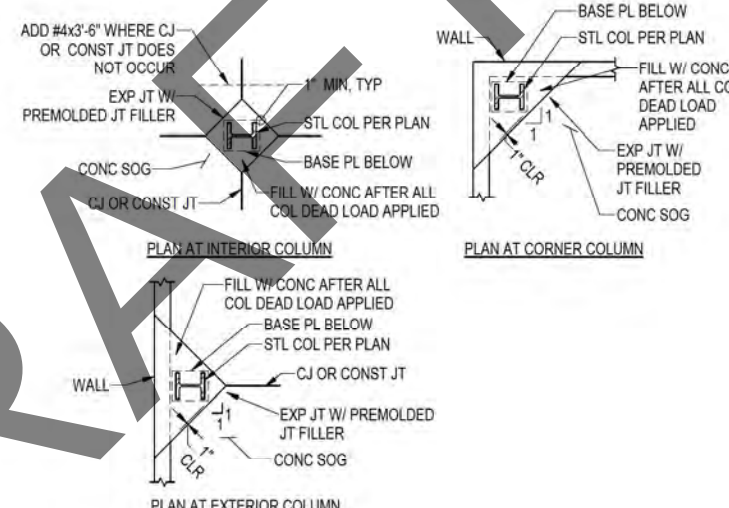
4 TYP CONC FDN WALL
SK 401 3/4" = 1'-0"



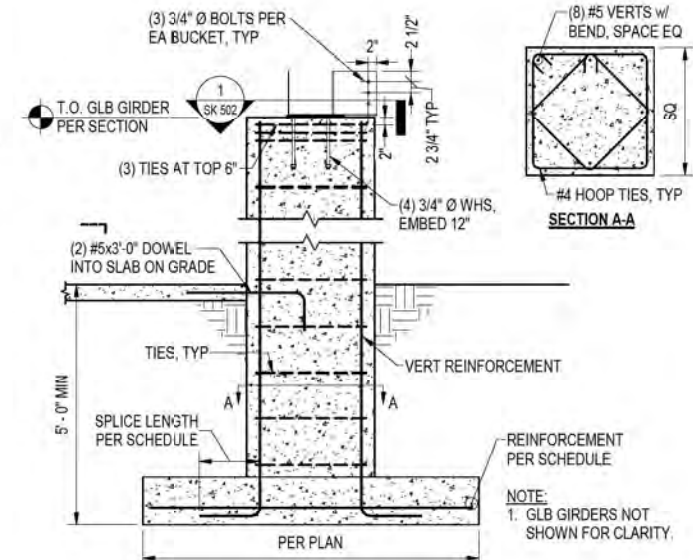
5 TYP INT CONC FOOTING
SK 401 3/4" = 1'-0"



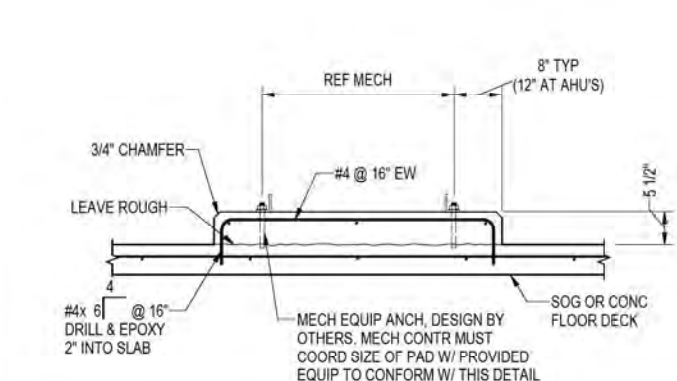
6 TYP CONC THICKENED INT SLAB
SK 401 1 1/2" = 1'-0"



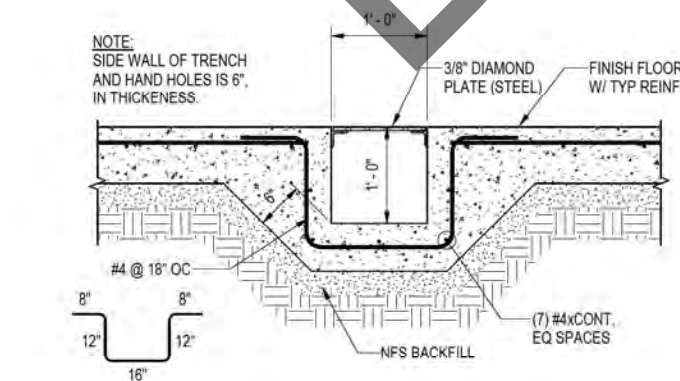
7 TYP SOG ISOLATION JT
SK 401 1/4" = 1'-0"



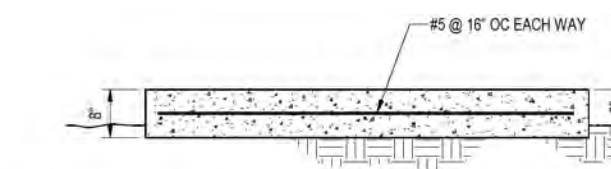
8 COMMITTAL SHELTER CONC COL
SK 401 1/2" = 1'-0"



9 TYP SOG HOUSEKEEPING PAD
SK 401 3/4" = 1'-0"



10 TYP SOG TRENCH DRAIN
SK 401 1" = 1'-0"



11 TYP EXT MECH EQUIP CONC PAD
SK 401 3/4" = 1'-0"

DATE	NOTE

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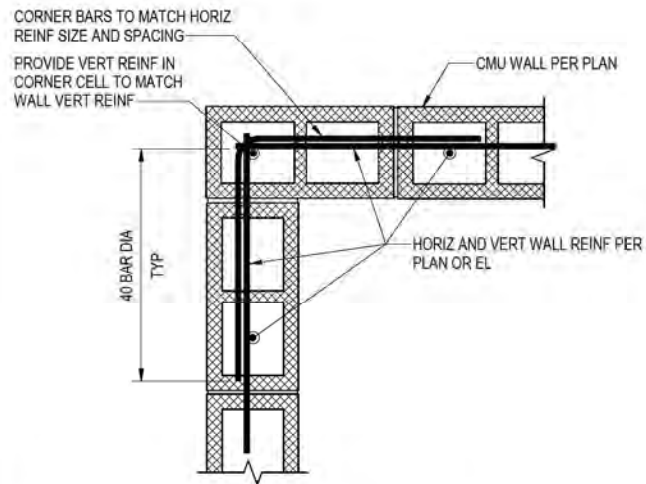
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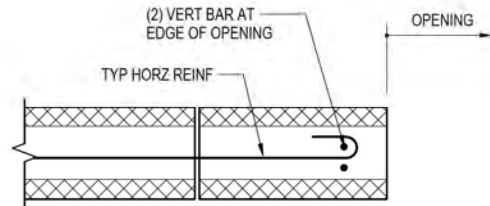


INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/FP Z800330000; DNVA XX
FOUNDATION DETAILS

95% SUBMITTAL
SCALE: As indicated
DRAWN BY: EC
PROJ. MGR: DB
ENGINEER: CC
DATE: 7/01/25
SHEET NO: SK 401
11 of 12

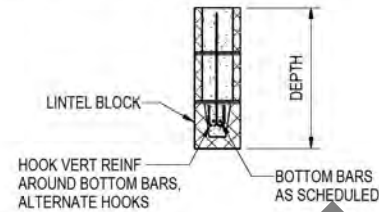


1 TYPICAL CMU WALL CORNER & INTERSECTION DETAIL
SK 402 1 1/2" = 1'-0"

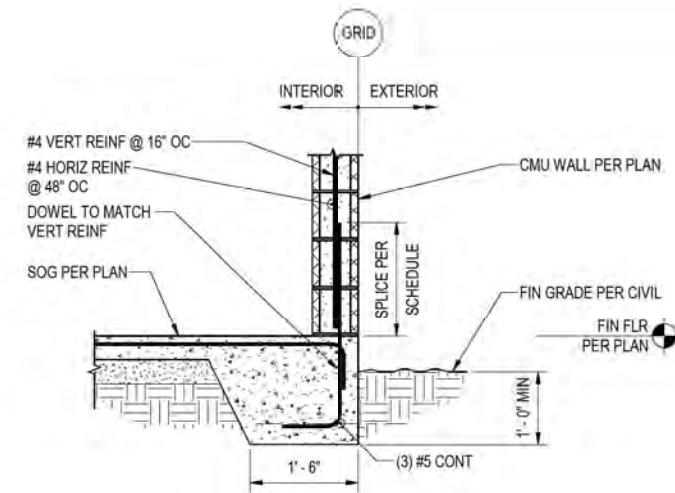


2 TYP EDGE OF CMU OPNG REINF
SK 402 1 1/2" = 1'-0"

BLOCK LINTEL SCHEDULE		
CLEAR SPAN	DEPTH, MIN	HORIZ REINF
10'-0" OR LESS	54"	(2) #5, BOT

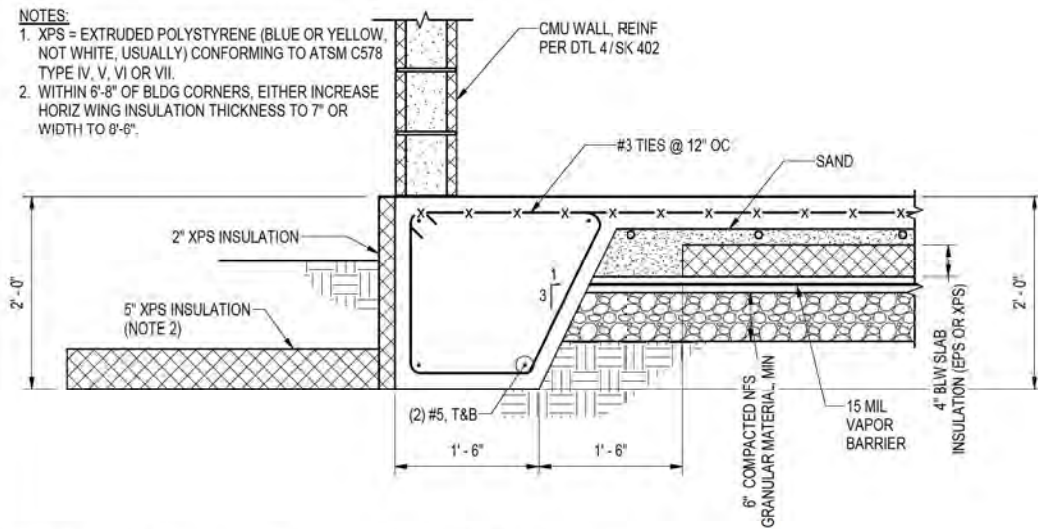


3 TYP CMU LINTEL BEAM
SK 402 3/4" = 1'-0"



4 TYPICAL EXTERIOR CMU SLAB FOOTING - 8" CMU
SK 402 3/4" = 1'-0"

- NOTES:
- XPS = EXTRUDED POLYSTYRENE (BLUE OR YELLOW, NOT WHITE, USUALLY) CONFORMING TO ATSM C578 TYPE IV, V, VI OR VII.
 - WITHIN 6'-8" OF BLDG CORNERS, EITHER INCREASE HORIZ WING INSULATION THICKNESS TO 7" OR WIDTH TO 8'-6".



5 TYP CONC FROST PROTECTED SHALLOW FOOTING
SK 402 1" = 1'-0"

95% SUBMITTAL

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PE Z800330000; DMVA XX
MASONRY DETAILS

SCALE: As indicated
DRAWN BY: GC
PROJ MGR: DB
ENGINEER: CC
DATE: 7/01/25

SHEET NO:
SK 402

11 of 12



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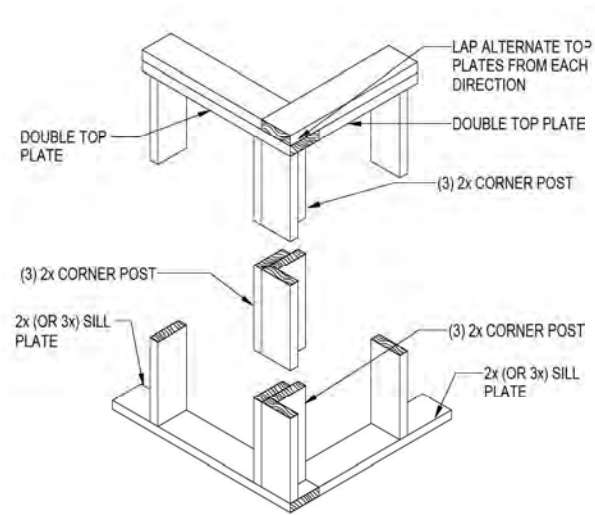
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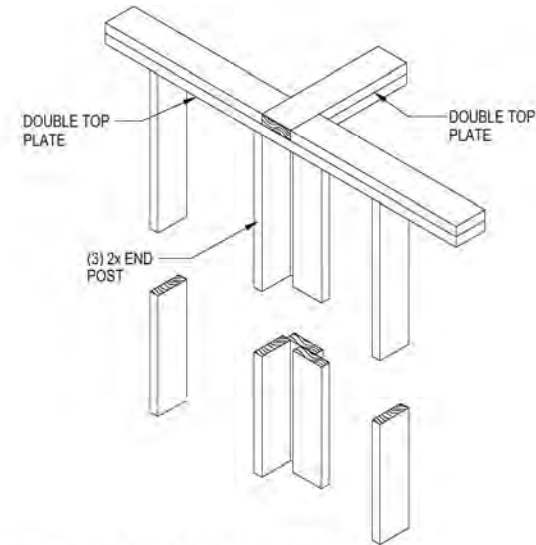
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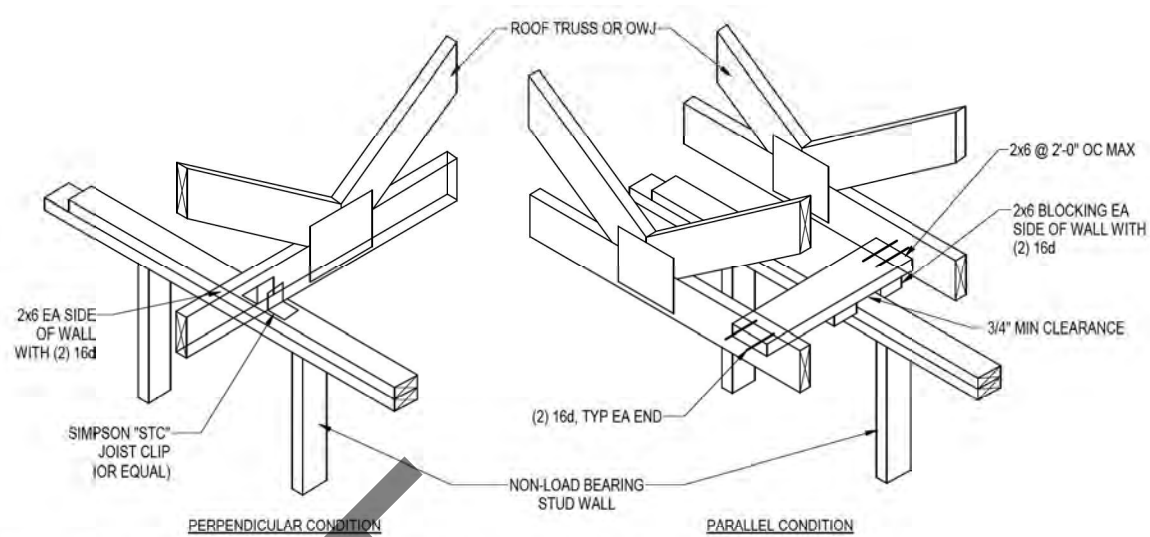
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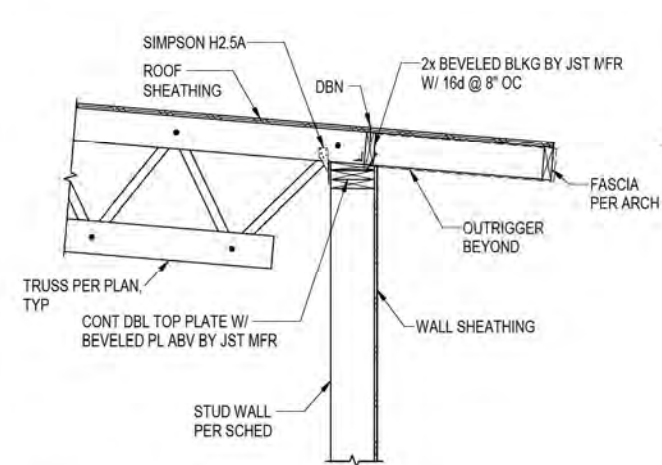
1 TYP STUD WALL OUTSIDE CORNER
SK 501 3/4" = 1'-0"



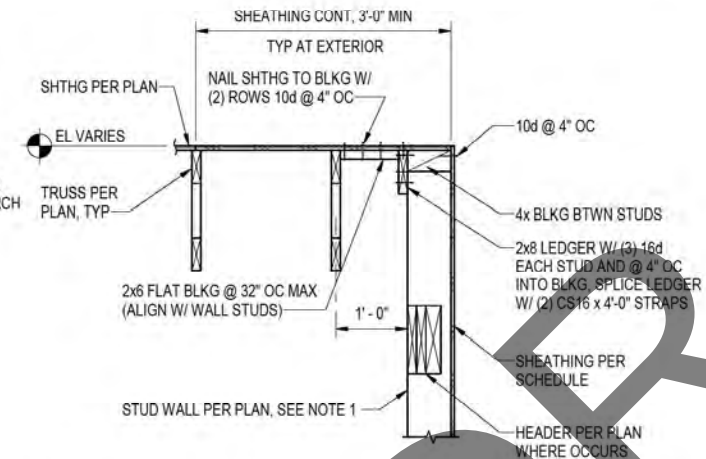
2 TYP STUD WALL INTERSECTION
SK 501 3/4" = 1'-0"



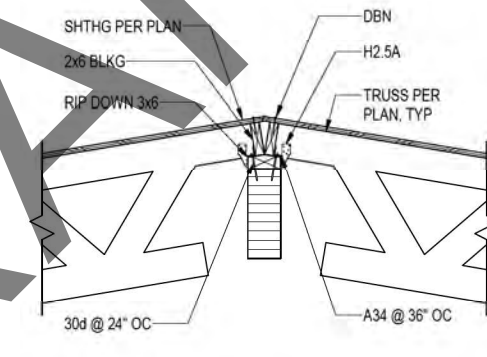
3 NON-LOAD BEARING WALL BRACING - WOOD ROOF TRUSSES
SK 501 NTS



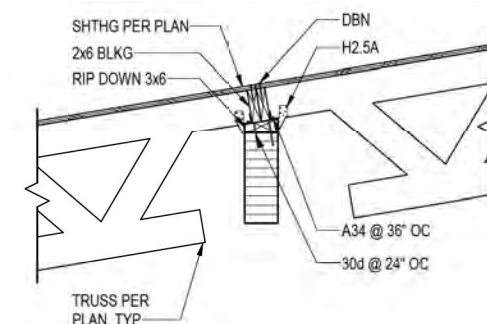
4 OPEN WEB TRUSS AT EXTERIOR WALL
SK 501 3/4" = 1'-0"



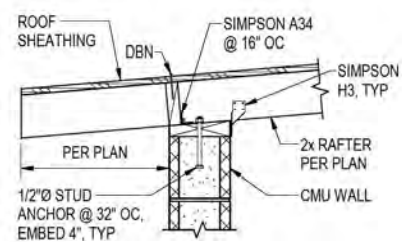
5 ROOF TRUSSES PARALLEL TO EXTERIOR WALL
SK 501 3/4" = 1'-0"



6 GLB AT RIDGE, TYP
SK 501 3/4" = 1'-0"



7 GLB AT SLOPE
SK 501 3/4" = 1'-0"



NOTE:
1. AT SIM, NO OVERHANG.

8 RAFTER AT CMU WALL
SK 501 1" = 1'-0"

95% SUBMITTAL

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)
DOT/PT: Z800330000; DNVA XX

FRAMING DETAILS

SCALE: As indicated
DRAWN BY: GC
PROJ. MGR: DB
ENGINEER: ES
DATE: 7/01/25

SHEET NO:

SK 501

12 of 12

DATE NOTE

STRUCTURAL DRAWINGS
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DRAWINGS PREPARED BY
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DEPARTMENT OF TRANSPORTATION AND
PUBLIC FACILITIES STATEWIDE PUBLIC
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DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

[illegible]

PIPING LEGEND

	VENT PIPING
	SEE ABBREVIATIONS FOR MEDIA
	PIPE UP
	PIPE DOWN
	TEE UP
	TEE DOWN
	CAP
	UNION
	DIRECTION OF FLOW
	BALL VALVE
	GATE VALVE
	GAS SHUT-OFF VALVE
	2-WAY CONTROL VALVE
	3-WAY CONTROL VALVE
	CHECK VALVE
	BALANCE VALVE
	FLEXIBLE PIPING CONNECTOR
	PRESSURE/TEMPERATURE RELIEF VALVE
	HOSE BIBB
	PUMP
	METER
	FILTER
	THERMOMETER
	PRESSURE GAUGE W/ ISOLATION COCK
	STRAINER W/ BLOWDOWN
	DETAILED PIPE UP & DOWN

DUCTWORK LEGEND

	THERMOSTAT AND THERMOSTAT WITH GUARD
	SUPPLY AIR UP & DOWN
	RETURN AIR UP & DOWN
	EXHAUST AIR UP & DOWN
	VOLUME DAMPER
	MOTORIZED CONTROL DAMPER
	SOUND LINED DUCTWORK
	DUCT SIZE - EXTERIOR INSULATED (1ST FIGURE-SIDE SHOWN) (2ND FIGURE-SIDE NOT SHOWN)
	EXTERNALLY INSULATED DUCTWORK
	TURNING VANES
	FLEXIBLE DUCT
	FIRE DAMPER
	SMOKE DAMPER

LOGIC

	POINT OF CONNECTION
	DETAIL NUMBER SHEET LOCATED ON
	DIRECTION OF VIEW SECTION NUMBER SHEET LOCATED ON
	RADIATION DESIGNATOR LENGTH GPM
	SHEET NOTES
	CONNECTION NECK SIZE CFM DIFFUSER OR GRILLE TYPE

ABBREVIATIONS

AAV	AUTOMATIC AIR VENT	DIA	DIAMETER	HGR	HEATING GLYCOL RETURN	PH	PHASE
ABV	ABOVE	DIM	DIMENSION	HGS	HEATING GLYCOL SUPPLY	PSI	POUNDS PER SQUARE INCH
AC-X	AIR CONDITIONING UNIT DESIGNATOR	DN	DOWN	HOA	HAND-OFF-AUTO	PSIG	POUNDS PER SQUARE INCH GAUGE
ADA	AMERICANS WITH DISABILITIES ACT GUIDELINES	DWG	DRAWING	HP	HORSEPOWER	R/A	RETURN AIR
AD	ACCESS DOOR	(E)	EXISTING EQUIPMENT DESIGNATOR	HW	HOT WATER	RD-X	ROOF DRAIN DESIGNATOR
AF	AIR FOIL	E/A	EXHAUST AIR	HWC	HOT WATER CIRCULATED	RL	RAINLEADER
AFF	ABOVE FINISHED FLOOR	EAT	ENTERING AIR TEMPERATURE	HWG-X	HOT WATER GENERATOR DESIGNATOR	RPM	REVOLUTIONS PER MINUTE
AFG	ABOVE FINISHED GRADE	EFF	EFFICIENCY	IBC	INTERNATIONAL BUILDING CODE	SA-X	SOUND ATTENUATOR DESIGNATOR
AFMS	AIR FLOW MONITORING STATION	EF-X	EXHAUST FAN DESIGNATOR	IN	INCHES	S/A	SUPPLY AIR
AHAP	AS HIGH AS POSSIBLE	EGT	ENTERING GLYCOL TEMPERATURE	INS.	INSULATION	SCFM	STANDARD CUBIC FEET PER MINUTE
AHU-X	AIR HANDLING UNIT DESIGNATOR	ENT	ENTERING	LAT	LEAVING AIR TEMPERATURE	SP	STATIC PRESSURE
AL	ALUMINUM	ESP	EXTERNAL STATIC PRESSURE	LAV	LAVATORY	SQ	SQUARE
AMPS	AMPERES	ET-X	EXPANSION TANK DESIGNATOR	LF	LINEAL FEET	T/A	TRANSFER AIR
APD	AIR PRESSURE DROP	EXIST	EXISTING	LGT	LEAVING GLYCOL TEMPERATURE	TEMP	TEMPERATURE
ARCH	ARCHITECTURAL	EXH	EXHAUST	LWT	LEAVING WATER TEMPERATURE	TOD	TOP OF DUCT
AS-X	AIR SEPARATOR DESIGNATOR	F	FAHRENHEIT	MAX	MAXIMUM	TSP	TOTAL STATIC PRESSURE
B-X	BOILER DESIGNATOR	FC	FORWARD CURVE	MBH	THOUSAND BTUH	T'STAT	THERMOSTAT
BDD	BACKDRAFT DAMPER	FCO	FLOOR CLEAN OUT	MCA	MINIMUM CIRCUIT AMPACITY	TTL	TOTAL
BLDG	BUILDING	FD-X	FLOOR DRAIN DESIGNATOR	MGR	MANUFACTURER	TYP/TYP.	TYPICAL
BOD	BOTTOM OF DUCT	FIN	FINISHED	M/A	MAKEUP AIR	UH-X	UNIT HEATER DESIGNATOR
BTUH	BRITISH THERMAL UNIT/HOUR	FLA	FULL LOAD AMPS	MIN/MIN.	MINIMUM	UPC	UNIFORM PLUMBING CODE
CAP	CAPACITY	FLR	FLOOR	MOD	MOTOR OPERATED DAMPER	V	VENT
CFM	CUBIC FEET PER MINUTE	FOR	FUEL OIL RETURN	MTD	MOUNTED	VAC	VOLT-AC
CH-X	CHILLER DESIGNATOR	FOS	FUEL OIL SUPPLY	NAT.	NATURAL	VEL	VELOCITY
CIRC	CIRCULATING	FPM	FEET PER MINUTE	NC	NOISE CRITERIA	VDC	VOLT-DC
CLG	CEILING	FS-X	FLOOR SINK DESIGNATOR	N.C.	NORMALLY CLOSED	VTR	VENT THRU ROOF
CONT	CONTINUED	FT	FEET	NO.	NUMBER	W	WASTE
C.O./CO	CLEANOUT	G	NATURAL GAS	N.O.	NORMALLY OPEN	W/	WITH
CONN	CONNECTION	GA	GAUGE	NTS	NOT TO SCALE	W/O	WITHOUT
CP-X	CIRCULATION PUMP DESIGNATOR	GAL	GALLONS	O/A	OUTSIDE AIR	W.C.	WATER COLUMN
CU-X	CONDENSING UNIT DESIGNATOR	GALV	GALVANIZED	O.D.	OUTSIDE DIAMETER	WCO	WALL CLEAN OUT
CUH-X	CABINET UNIT HEATER DESIGNATOR	GPH	GALLONS PER HOUR	OC	ON CENTER	WG	WATER GAUGE
CU	COPPER	GPM	GALLONS PER MINUTE	OD	OUTSIDE DAMPER	WHA	WATER HAMMER ARRESTOR
CW	COLD WATER	GT-X	GLYCOL TANK DESIGNATOR	OD-X	OVERFLOW DRAIN DESIGNATOR	WPD	WATER PRESSURE DROP
dB	DECIBELS	GD	GLYCOL TEMPERATURE DROP	OL	OVERFLOW RAINLEADER	YCO	YARD CLEAN OUT
DEG	DEGREE	HB-X	HOSE BIBB DESIGNATOR	P-X	PLUMBING FIXTURE DESIGNATOR		
		HC-X	HEATING COIL DESIGNATOR	PD	PRESSURE DROP		
		HD	HEAD	PG/P.G.	PROPYLENE GLYCOL		

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

MECHANICAL LEGENDS AND ABBREVIATIONS

SCALE: AS INDICATED
DRAWN BY: DRMP/DO
PROJ. MGR.:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO: M001
of 15

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES



DOT/PE: Z80033000; DMVA ###

RSA MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS+
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DATE NOTE

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PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	MOUNTING	CW	HW	WASTE	VENT	TRAP	BASIS OF DESIGN	MODEL	POWER REQ.	FINISH	REMARKS
FD-1	FLOOR DRAIN	FLOOR	-	-	2	1-1/2	2	ZURN	Z415-C	-		ROUND TOP, TRAP PRIMER CONNECTION
OWS-1	OIL-WATER SEPARATOR	UNDERFLOOR	-	-	4	3	-	SCHIER	OS-50	-		LIQUID CAPACITY 57 GALLONS, OIL CAPACITY 14.25 GALLONS, MAX FLOW RATE 50 GPM
P-1	WATER CLOSET	FLOOR	1/2	-	3	2	-	KOHLER	K-32810-0	-		TANK TYPE 1.28 GPF, ELONGATED SEAT WITH COVER
P-2	LAVATORY	WALL	1/2	1/2	1-1/2	1-1/4	1-1/4	KOHLER	K-2032-N	-	WHITE	ASSE 1070 MIXING VALVE, MOEN WS84948 MANUAL FAUCET, WALL SUPPORT BRACKETS
P-3	SINK	COUNTER	1/2	1/2	2	1-1/2	1-1/2	ELKAY	LRAD191855	-	STAINLESS	ADA INSULATION, MOEN 87233 FAUCET WITH PULL DOWN SPRAYER
P-4	JANITOR SINK	FLOOR	1/2	1/2	3	2	3	FIAT	MSB2424	-	MOLDED STONE	830A A SERVICE FAUCET, HOSE AND HOSE BRACKET, MOP HANGER, VINYL BUMPER GUARD
P-5	DRINKING FOUNTAIN	WALL	1/2	-	1-1/4	1-1/4	1-1/4	ELKAY	LVRCDMWSK	-	STAINLESS	BOTTLE FILLING STATION AND SINGLE FOUNTAIN, FILTERED, VANDAL RESISTANT, MECHANICALY ACTIVATED, ADA COMPLIANT
SH-1	SHOWER	FLOOR	1/2		2	1-1/2	2	EVERFAB	S3839A1LP	-		STAINLESS ADA GRAB BARS, CURTAIN ROD, SHOWER CURTAIN, SOAP DISH, FOLDING SEAT, DRAIN, MOEN ADA SHOWER SYSTEM MODEL 8346
TD-1	TRENCH DRAIN	FLOOR	-	-	3	2	3	ZURN	Z886	-		4" CHANNEL WIDTH, Z887 CATCH BASIN WITH BOTTOM OUTLET, HDPE CONSTRUCTION, LOAD CLASS E GRATING

WATER HEATER SCHEDULE

SYMBOL	MFGR	MODEL	STORAGE CAPACITY (GAL)	RECOVERY @ 90 DEG RISE	FUEL TYPE	INPUT MBH	AMPS	VOLTS	PH	LABEL	REMARKS
WH-1	BOCK	32E	32.0	114	FUEL OIL	104		120	1	UL	OIL FIRED WATER HEATER, FACTORY T&P VALVE, DRAIN VALVE

TEMPERING VALVE SCHEDULE

SYMBOL	MFGR	MODEL	FINISH	INLET SIZE	OUTLET SIZE	TEMPERATURE RANGE (DEG F)	SET POINT (DEG F)	FLOW RATE (GPM)	PRESS. DROP (PSI)	REMARKS
TV-1	CALEFFI	521	BRASS	3/4"	3/4"	85-150	120	1.0	1.00	THREE WAY THERMOSTATIC MIXING VALVE, ASSE 1070, DIAL THERMOMETER

PRESSURE TANK SCHEDULE

SYMBOL	MANUFACTURER	MODEL	FUNCTION	MEDIUM	MATERIAL	TANK VOLUME		DIMENSIONS	LABEL	REMARKS
						TOTAL (GAL)	ACCEPTANCE (GAL)			
PT-1	AMTROL	WELL -X- TROL WX-255	WELL WATER	WATER	STEEL/BUTYL	81	33.2	22"DIA x 49"	IAPMO	PRE CHARGE TO 43 PSI

DRAFT

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IAVC)

DOT/PE Z80033000:DMVA ###
PLUMBING SCHEDULES

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES STATEWIDE PUBLIC FACILITIES



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DATE	NOTE

SCALE:	AS INDICATED
DRAWN BY:	DRMPDO
PROJ. MGR:	
ENGINEER:	CHK
DATE:	07/02/25
SHEET NO: M002	
of 15	

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AIR CONDITIONER UNIT SCHEDULE

SYMBOL	MANUFACTURER	MODEL	COOLING		REMARKS
			NOMINAL TON	MBH	
AC-1	SAMSUNG	AC018DNADCG/AA	1.5	18	WALL MOUNTED UNIT, POWER PROVIDED FROM ASSOCIATED CONDENSING UNIT, PROVIDE WITH WIRED WALL MOUNT CONTROLLER AND CONDENSATE PUMP, R-32 REFRIGERANT.
AC-2,3,4,5	SAMSUNG	--	1.0	12	CEILING RECESSED UNIT, POWER PROVIDED FROM ASSOCIATED CONDENSING UNIT, PROVIDE WITH WIRED WALL MOUNT CONTROLLER AND CONDENSATE PUMP, R-32 REFRIGERANT

CONDENSING UNIT SCHEDULE

SYMBOL	MANUFACTURER	MODEL	SERVICE	UNIT POWER		DIMENSIONS	WEIGHT	REMARKS
				MCA	MAX BREAKER			
CU-1	SAMSUNG	AC018DXSCCF/AA	AC-1	13.7	15	240/1	36"x12"x26"	PAD MOUNTED UNIT, PROVIDE STAND TO ELEVATE MINIMUM 18" OFF PAD, AND WIND BAFFELS FOR -40F OPERATION.
CU-2	SAMSUNG	AJ048DXJ5CG/AA	AC-2,3,4,5	37	40	240/1	40"x16"x48"	PAD MOUNTED UNIT.

FAN SCHEDULE

SYMBOL	MANUFACTURER	MODEL	TYPE	SERVICE	CFM	TSP		MOTOR DATA		POWER		DRIVE	SONES	REMARKS
						IN.	W.C.	HP (AMPS)	VOLTS	HZ	PH			
EF-1,2,3	GREENHECK	SP-A200	CEILING	RESTROOMS	100	0.65	900	(0.46)	120	60	1	DIRECT	4	CEILING RECESSED FAN WITH ALUMINUM GRILLE. INTERLOCK WITH LIGHT SWITCH.
EF-4	GREENHECK	CUE-095-VG	WALL	GARAGE - GAS DETECT.	680	0.50	--	1/6	120	60	1	DIRECT	--	BASE BID, ECM MOTOR, SWITCH WITH CO/NO2 GAS DETECTION.
EF-4*	GREENHECK	CUE-120-VG	WALL	GARAGE - GAS DETECT.	1030	0.50	--	1/4	120	60	1	DIRECT	--	ADD ALT 1, ECM MOTOR, SWITCH WITH CO/NO2 GAS DETECTION.
EF-5	GREENHECK	CSP-A250	INLINE	GARAGE - PRIMARY	100	0.30	--	(0.56)	120	60	1	DIRECT	--	RUN CONTINUOUSLY, FAN SPEED CONTROLLER
VF-1	GREENHECK	SQ-100-VG	INLINE	MECH ROOM	1,000	0.75	1,725	1/4	120	60	1	DIRECT	9.6	PROVIDE WITH VARI-GREEN EX MOTOR WITH MOTOR MOUNTED POTENTIOMETER, AND 1" FILTER FRAME.
CF-1,2,3	GREENHECK	DM-3-5	DESTRATIFICATION	GARAGE	7,110	--	120	48W	120	60	1	DIRECT	--	PROVIDE WALL MOUNTED SPEED CONTROLLER.

ENERGY RECOVERY VENTILATOR SCHEDULE

SYMBOL	MFGR	MODEL	SERVICE	PRE-HEATING	HEATING	SUPPLY FAN		FILTER	ESP IN	TSP IN	MOTOR DATA				EXHAUST FAN		FILTER	ESP IN	TSP IN	MOTOR DATA				UNIT DATA		REMARKS		
				COIL TAG	COIL TAG	CFM	ARRANGMENT	RATING	W.C.	W.C.	TYPE	# MOTORS	FLA	VOLTS	PH	CFM	ARRANGMENT	RATING	W.C.	W.C.	TYPE	# MOTORS	FLA	VOLTS	PH		MCA	MOP
ERV-1	RENEWAIRE	HE07INV	CODE VENTILATION	PHC-1	HC-1	300	--	MERV 13	1.00	--	DIRECT	2	1.16	240	1	300	--	MERV 8	1.0	--	DIRECT	2	1.16	240	1	2.6	15	COILS MOUNTED EXTERAL OF UNIT

AIR INLET/OUTLET SCHEDULE

SYMBOL	MANUFACTURER	MODEL	TYPE	USE	FACE MATERIAL	FINISH	CFM	SIZE (IN)	NC	THROW	REMARKS
A	TITUS	TMS	DIFFUSER	S/A	STEEL	PER ARCH	PER PLANS	24"x24"	<25	--	FRAME TYPE FOR DROP CEILING, PROVIDE WITH EARTHQUAKE TABS.
B	TITUS	50F	GRILLE	R/A	STEEL	PER ARCH	PER PLANS	24"x24"	<25	--	FRAME TYPE FOR DROP CEILING, PROVIDE WITH EARTHQUAKE TABS.
C	TITUS	350	GRILLE	E/A	STEEL	PER ARCH	PER PLANS	PER PLANS	<25	--	BLADES PARALLEL WITH LONG DIMENSION

LOUVER SCHEDULE

SYMBOL	MANUFACTURER	MODEL	SERVICE	MATERIAL	FINISH	VELOCITY (FPM)	SIZE	REMARKS
L-1	GREENHECK	ESD-635-22X32	C/A INTAKE	ALUMINUM	PVDF	--	22" x 32"	STATIONARY LOUVER, 1" ALUMINUM BIRDSCREEN, 2-COAT 70% PVDF FINISH, FACTORY FINISH COLOR AS SPECIFIED BY ARCHITECT.
L-2	GREENHECK	ESD-635-14X32	VF-1 INTAKE	ALUMINUM	PVDF	--	14" x 32"	STATIONARY LOUVER, 1" ALUMINUM BIRDSCREEN, 2-COAT 70% PVDF FINISH, FACTORY FINISH COLOR AS SPECIFIED BY ARCHITECT.

ELECTRIC SPACE HEATER SCHEDULE

SYMBOL	MFGR	MODEL	ELECTRICAL DATA			REMARKS
			ELEMENT	POWER	AMPS	
ESH-1,2,3,4	KING	RK2430-RMT-BLK	3kW	240V/1PH	12.5	UNIT MOUNTED THERMOSTAT, PROVIDE DIAL TIMER DISCONNECT TIED TO ALL ELECTRIC HEATERS.

DATE

NOTE

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DEPARTMENT OF
TRANSPORTATION AND PUBLIC
FACILITIES STATEWIDE PUBLIC
FACILITIES



INTERIOR ALASKA VETERANS
CEMETERY (IACV)
DOT/PE Z80033000:DMVA ###
MECHANICAL SCHEDULES

SCALE: AS INDICATED
DRAWN BY: DRMPDO
PROJ. MGR:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO:
M003
of 15

95% DESIGN

SYMBOL	MFGR	MODEL	MEDIUM	FUEL	GROSS INPUT (MBH)	GROSS OUTPUT (MBH)	BURNER POWER DATA					REMARKS
							HP	VOLTS	Hz	PH	LABEL	
B-1	WEIL-MCLAIN	WGO-6	50% P.G.	FUEL OIL	196	173	1/7	120	60	1	ASME	PROVIDE WITH BECKETT AFG BURNER, BOILER STANDARD EQUIPMENT SHALL INCLUDE HIGH LIMIT CONTROL WITH CIRCULATOR RELAY, LWCO FUNCTION, INTEGRATED SERVICE SWITCH, AND ASME 30 PSI PRV.
B-2	WEIL-MCLAIN	WGO-6	50% P.G.	FUEL OIL	196	173	1/7	120	60	1	ASME	PROVIDE WITH BECKETT AFG BURNER, BOILER STANDARD EQUIPMENT SHALL INCLUDE HIGH LIMIT CONTROL WITH CIRCULATOR RELAY, LWCO FUNCTION, INTEGRATED SERVICE SWITCH, AND ASME 30 PSI PRV.

SYMBOL	MFGR	MODEL	FUNCTION	PUMP			MOTOR DATA						REMARKS
				MEDIUM	GPM	HEAD FT	HP	WATTS	AMPS	VOLTS	HZ	PH	
BP-1,2	GRUNDFOS	UPS 26-99 FC	PRIMARY LOOP CIRCULATION	50% P.G.	19	15	--	197	1.8	120	60	1	THREE SPEED PUMP, SET TO SPEED TWO INITIALLY, BALANCER TO SET FINAL SPEED.
CP-1A/B	GRUNDFOS	MAGNA3 50-180 GF	SECONDARY LOOP CIRCULATION	50% P.G.	40	44	--	755	3.3	240	60	1	PUMP WITH INTEGRAL VFD.

SYMBOL	MANUFACTURER/ MODEL	FUNCTION	MEDIUM	MATERIAL	TANK CAPACITY (GAL)	DIMENSIONS	POWER	LABEL	REMARKS
FOST-1	GREER/-	FUEL OIL STORAGE	FUEL OIL	STEEL	1,000	84" x 64" DIA	N/A	UL-142	DOUBLE WALL TANK WITH SKID MOUNTING TO REST ON GRADE, TRIM PER SCHEMATIC.
FOST-2	GREER/-	FUEL OIL STORAGE	FUEL OIL	STEEL	300	72" x 38" DIA	N/A	UL-142	PROVIDE TANKS WITH FILL-RITE SD600 FUEL TRANSFER PUMP, 13GPM, 1/6HP, 120V/1PH.DOUBLE WALL TANK WITH SKID MOUNTING TO REST ON GRADE, TRIM PER SCHEMATIC.
FOST-3	GREER/-	FUEL OIL STORAGE	DIESEL	STEEL	300	72" x 38" DIA	N/A	UL-142	PROVIDE TANKS WITH FILL-RITE SD600 FUEL TRANSFER PUMP, 13GPM, 1/6HP, 120V/1PH.DOUBLE WALL TANK WITH SKID MOUNTING TO REST ON GRADE, TRIM PER SCHEMATIC.
DT-1	TRAMON/TRS-25	FUEL DAY TANK	FUEL OIL	STEEL	25	36" x 16" x 20.5"	120V/1PH	UL-142	DOUBLE WALL TANK WITH INTEGRAL CONTROLS, DUPLEX 2.0 GPM HEAVY DUTY SUPPLY PUMPS (1/3HP) AND 4.0 GPM HEAVY DUTY RETURN PUMP (1/3HP), INTEGRAL SYSTEM 200 PLUS ECM CONTROLS

						TANK VOLUME				REMARKS
SYMBOL	MANUFACTURER	MODEL	FUNCTION	MEDIUM	MATERIAL	TOTAL (GAL)	ACCEPTANCE (GAL)	DIMENSIONS	LABEL	
ET-1	AMTROL	EXTROL SX-40V	HEATING SYSTEM	50% P.G.	STEEL/BUTYL	20	11.3	15"DIA x 32.5"	IAPMO	PRECHARGE TO SYSTEM PRESSURE OF 12 PSI

SYMBOL	MFGR	MODEL	FUNCTION	MEDIUM	MATERIAL	TANK		POWER			REMARKS
						CAPACITY (GAL)	DIMENSIONS	AMPS	VOLTS	PH	
GT-1	AXIOM	DMF300	GLYCOL MAKE-UP	50% P.G.	PLASTIC	17	12"x12"x36"	0.5	120	1	CORD AND PLUG CONNECTION

SYMBOL	MFGR	MODEL	SERVICE	SIZE	CONNECTION	MATERIAL	GPM	REMARKS
AS-1	CALEFFI	SERIES 546	HETAING	2-1/2"	FLANGED	STEEL	40	COMBINATION AIR AND DIRT SEPARATOR, PROVIDE WITH REMOVABLE INSULATION SHELL.

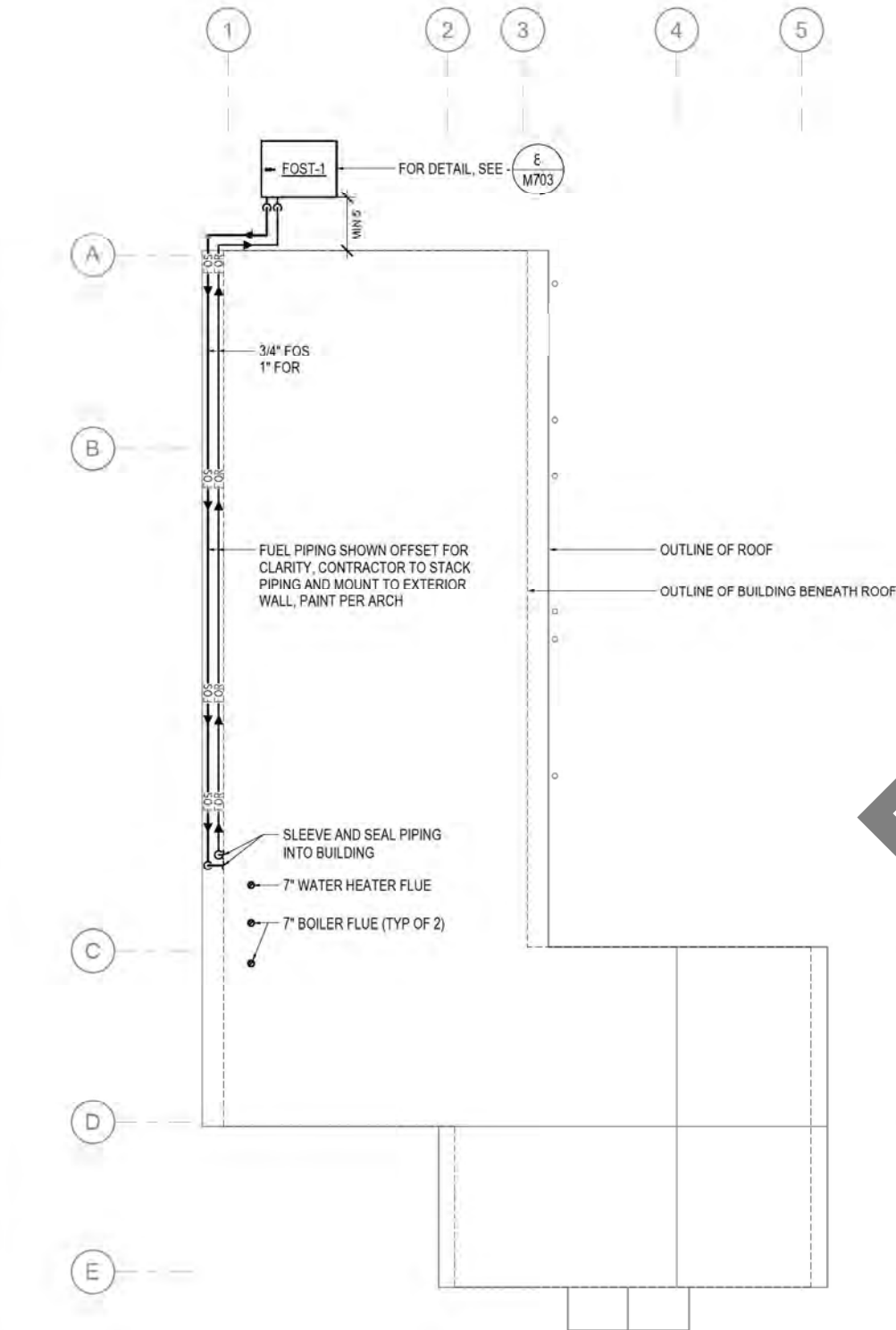
SYMBOL	MFGR	MODEL	# ROWS	ELEMENT SIZE	MATERIAL	PPF	GPM	MEDIUM	EGT DEG F	LGT DEG F	BTU/H/F	FINISH	REMARKS
FT-1	ZEHRNDER RITTLING	SBG	1	4-1/4"x4-1/4", 3/4"	COPPER	48	PER PLANS	50% P.G.	180	160	1,100	PER ARCH	PERFORMANCE ADJUSTED FOR ENTERING FLUID TEMP, ENTERING AIR TEMP, AND GLYCOL.

SYMBOL	MFGR	MODEL	MEDIUM	EGT DEG F	LGT DEG F	GPM	BTUH/LF	PANEL WIDTH	PANEL LENGTH	NUMBER OF TUBES	REMARKS
RP-1	AIRTEX	HEF-2	50% P.G.	180	160	PER PLANS	389	2'	PER PLANS	4	24" WIDE CONTINUOUS PANELS. SUPPLY ALL MOUNTING ACCESSORIES FOR FLUSH MOUNTING IN CEILING. PROVIDE MINIMUM 2" THICK FSK INSULATION OVER PANEL. SECURE TO CEILING.

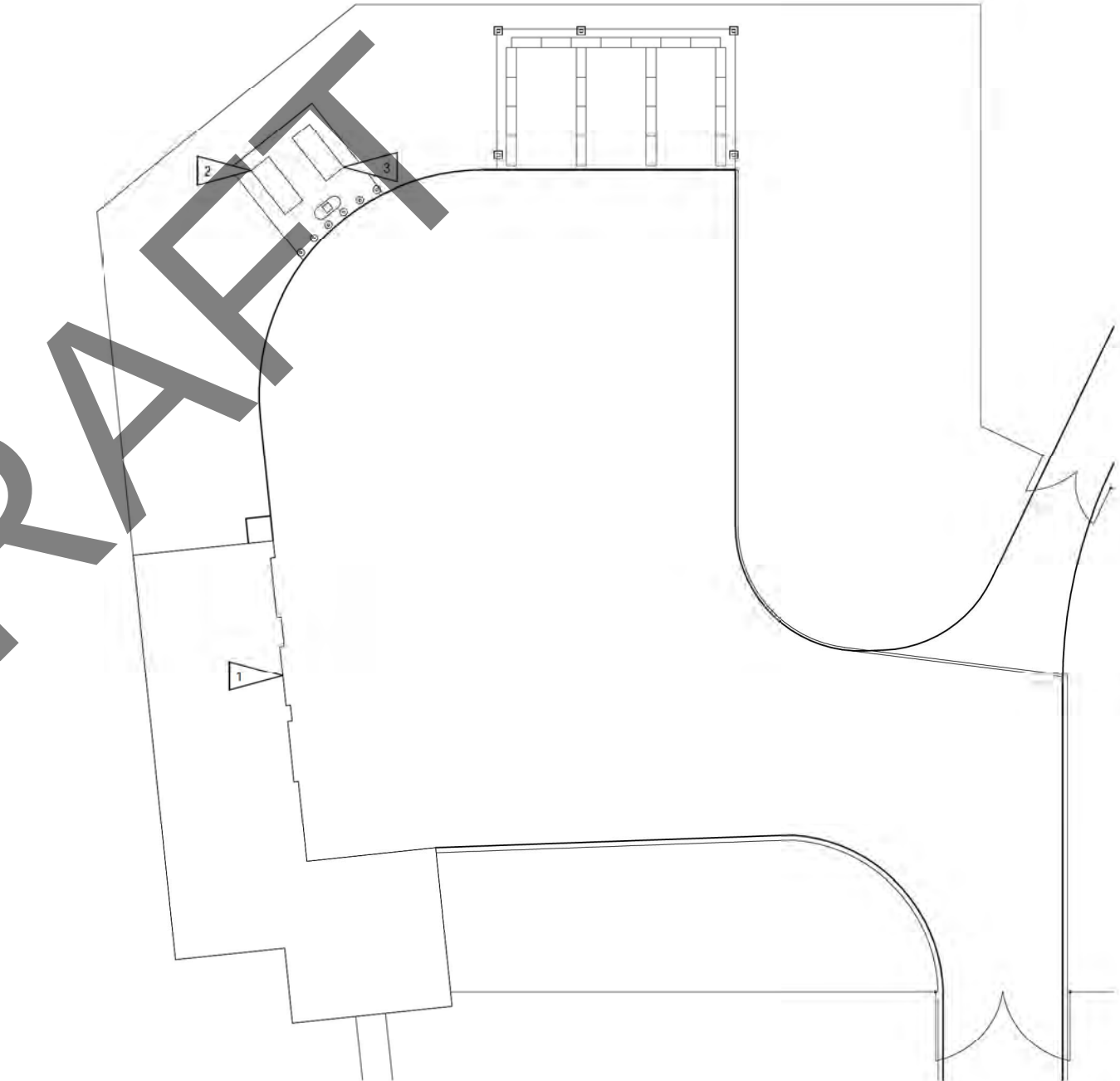
SYMBOL	MANUFACTURER	MODEL	CAPACITY MBH	GPM	MEDIUM	EGT DEG F	LGT DEG F	GPD FT HD	CFM	RPM	MOTOR DATA HP	POWER			REMARKS
												VOLTS	HZ	PH	
UH-1-6	ZEHNDER RITTLING	RH-47	25	3.5	50% P.G.	180	160	0.4	730	1,550	1/12	120	60	1	SIDE PIPE CONNECTIONS.
UH-7	ZEHNDER RITTLING	RH-24	12	1.5	50% P.G.	180	160	0.8	370	1,550	1/25	120	60	1	SIDE PIPE CONNECTIONS.

SYMBOL	MANUFACTURER	MODEL	CAPACITY MBH	GPM	MEDIUM	EGT DEG F	LGT DEG F	WPD FT HD	CFM	MOTOR DATA		POWER		REMARKS	
										HP	FLA	VOLTS	HZ		PH
CUH-1	ZEHHNDER RITTLING	RFRC-420-04	15.7	2.0	50% P.G.	180	160	0.6	310	1/25	0.7	120	60	1	CEILING RECESSED UNIT, PERFORMANCE ADJUSTED FOR ENTERING FLUID TEMP, ENTERING AIR TEMP, AND GLYCOL.

					AIR P.D.	FACE VEL.	EAT	LAT			EGT	LGT	WPD	
SYMBOL	MANUFACTURER	MODEL	LOCATION	CFM	IN. W.C.	FPM	DEG F	DEG F	GPM	MEDIUM	DEG F	DEG F	FT HD	REMARKS
PHC-1	TRANE	PER MFGR	O/A DUCT	300	0.035	350	-42	8	2.1	50% P.G.	180	160	0.9	DUCT MOUNTED HEATING COIL WITH SIDE PIPE CONNECTIONS.
HC-1	TRANE	PER MFGR	S/A DUCT	300	0.045	350	40	75	1.5	50% P.G.	180	160	0.5	DUCT MOUNTED HEATING COIL WITH SIDE PIPE CONNECTIONS.



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



2 MECHANICAL SITE PLAN
1/16" = 1'-0"

SHEET NOTES: X

1. ADMINISTRATION BUILDING
2. GASOLINE TANK
3. DIESEL TANK

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PE Z80033000:DMVA ###

MECHANICAL ROOF AND SITE PLANS

SCALE: AS INDICATED
DRAWN BY: DRMPDO
PROJ. MGR:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO:
M101
of 15

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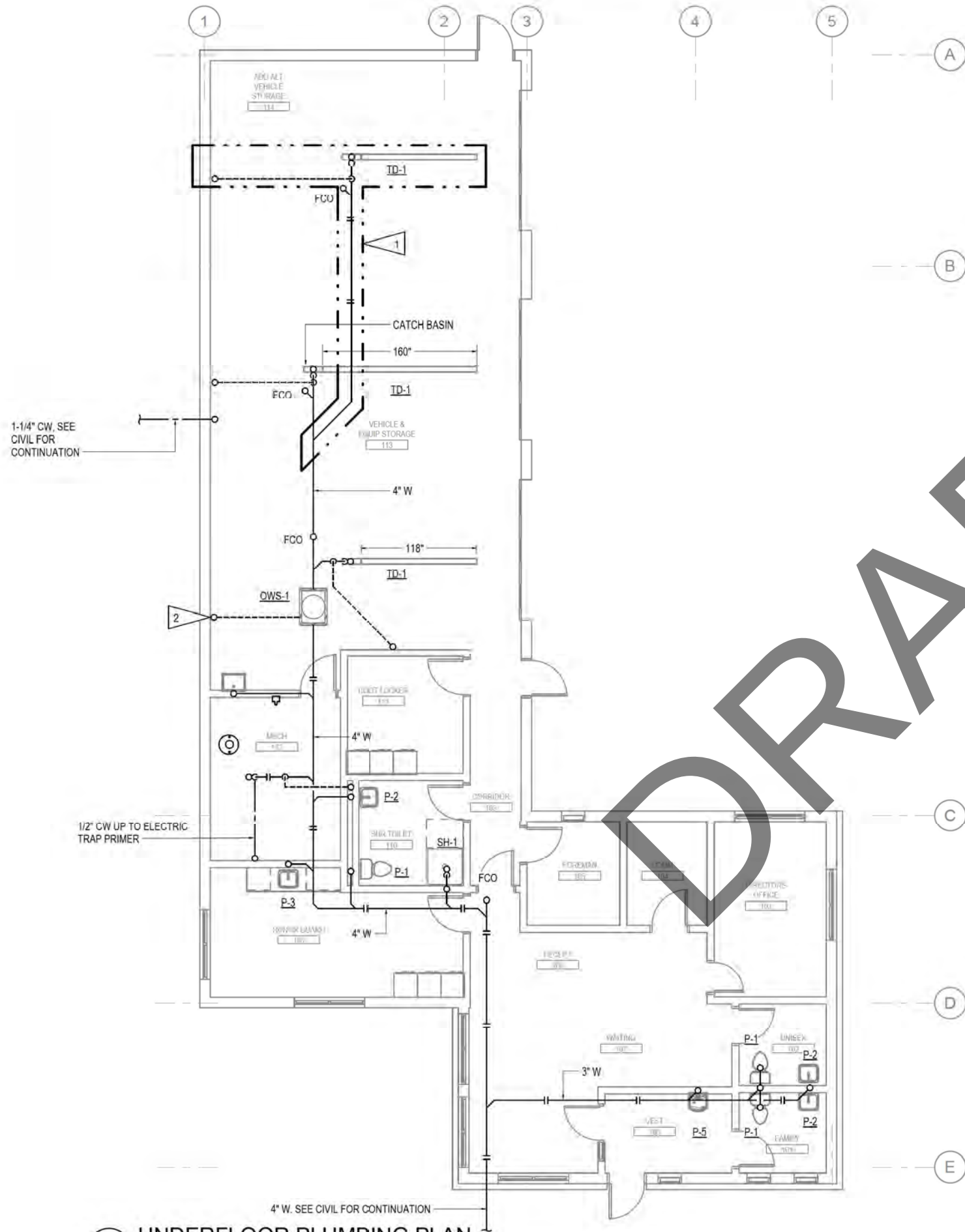


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WWW.RSA-ENGINEERS.COM

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NOTE



1 UNDERFLOOR PLUMBING PLAN
3/16" = 1'-0"

GENERAL NOTES:

- A. OIL WATER SEPARATOR SIZED IN ACCORDANCE WITH UPC 2018 SECTION 1017.2 FOR VEHICLES SERVICED AND STORED.

SHEET NOTES:

1. WORK IN THIS AREA UNDER ADDITIVE ALTERNATE #1
2. 2" OIL-WATER VAPOR VENT. VENT SEPARATE FROM SEWER SYSTEM.

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PE Z80033000:DMVA ###
UNDERFLOOR PLUMBING PLAN

SCALE:	AS INDICATED
DRAWN BY:	DRMPDO
PROJ. MGR:	CHK
ENGINEER:	CHK
DATE:	07/02/25

SHEET NO:
M201

of 15

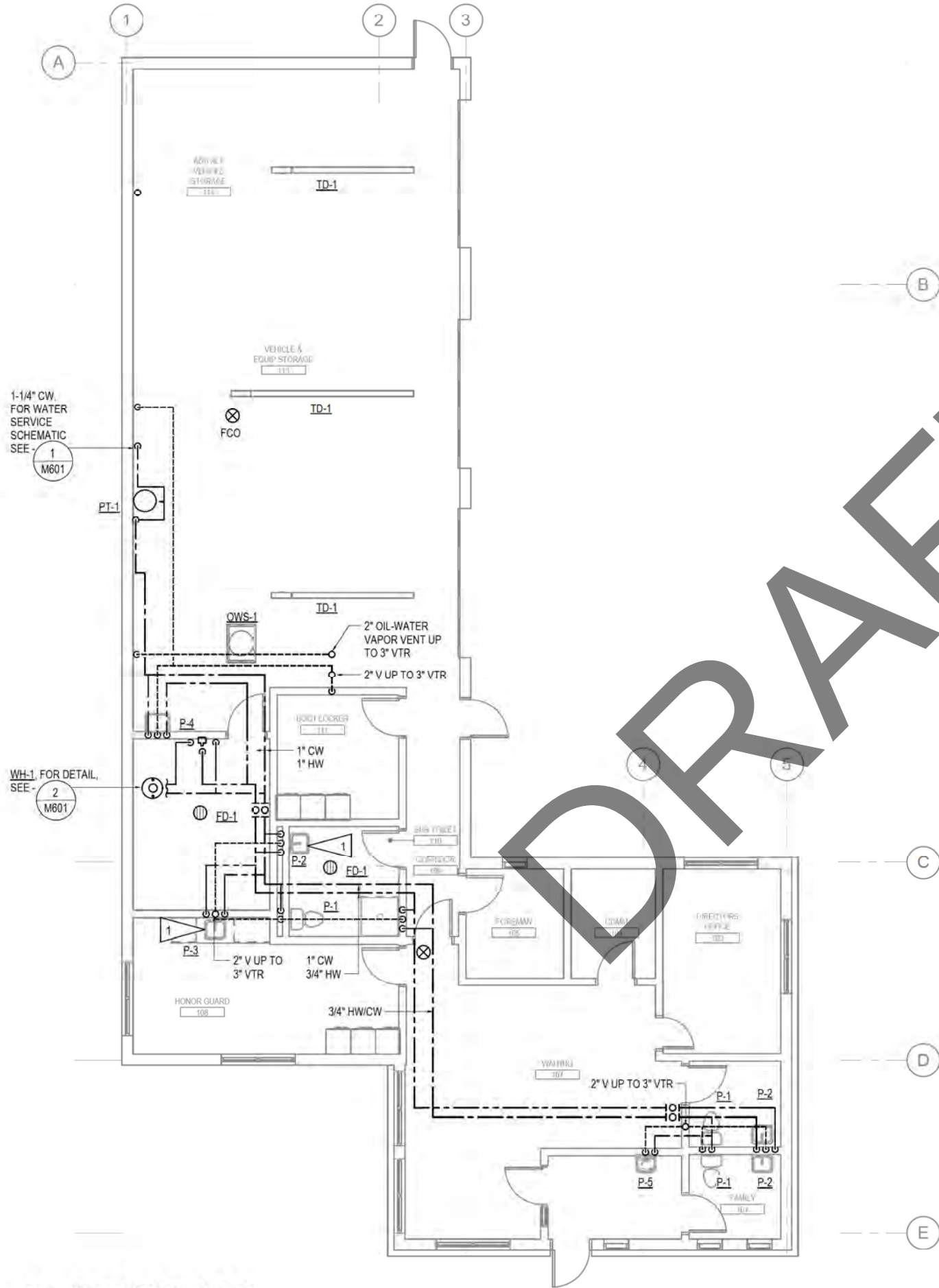
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PACIFIC COMPANY
RE: AEC0241

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ANCHORAGE, AK 99503

DATE NOTE



1 PLUMBING PLAN
3/16" = 1'-0"

SHEET NOTES:

1. PROVIDE ADA INSULATION BELOW SINK IN THIS LOCATION

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PE Z80033000:DMVA ###

PLUMBING PLAN

SCALE: AS INDICATED
DRAWN BY: DRMPDO
PROJ. MGR:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO:
M202

of 15

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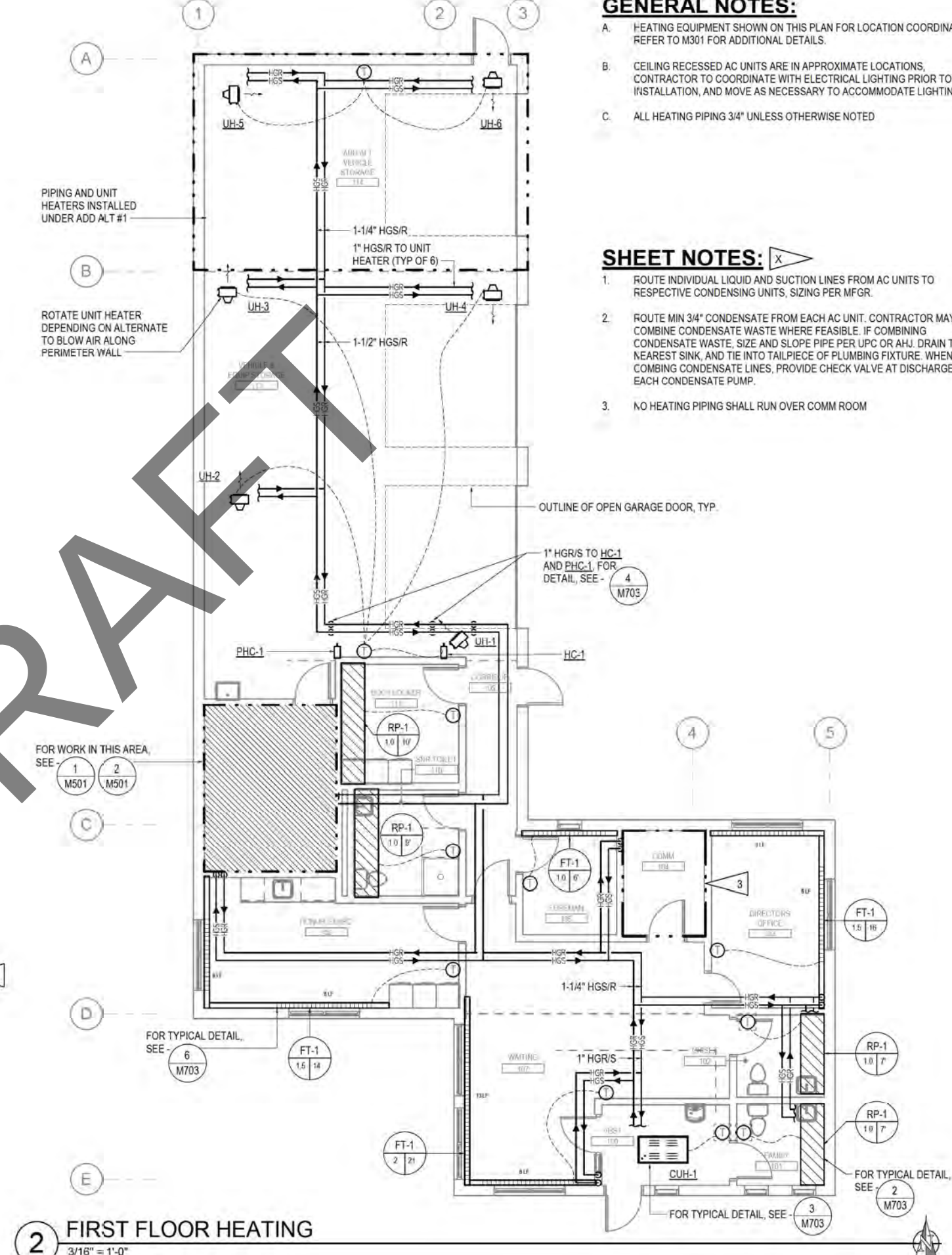
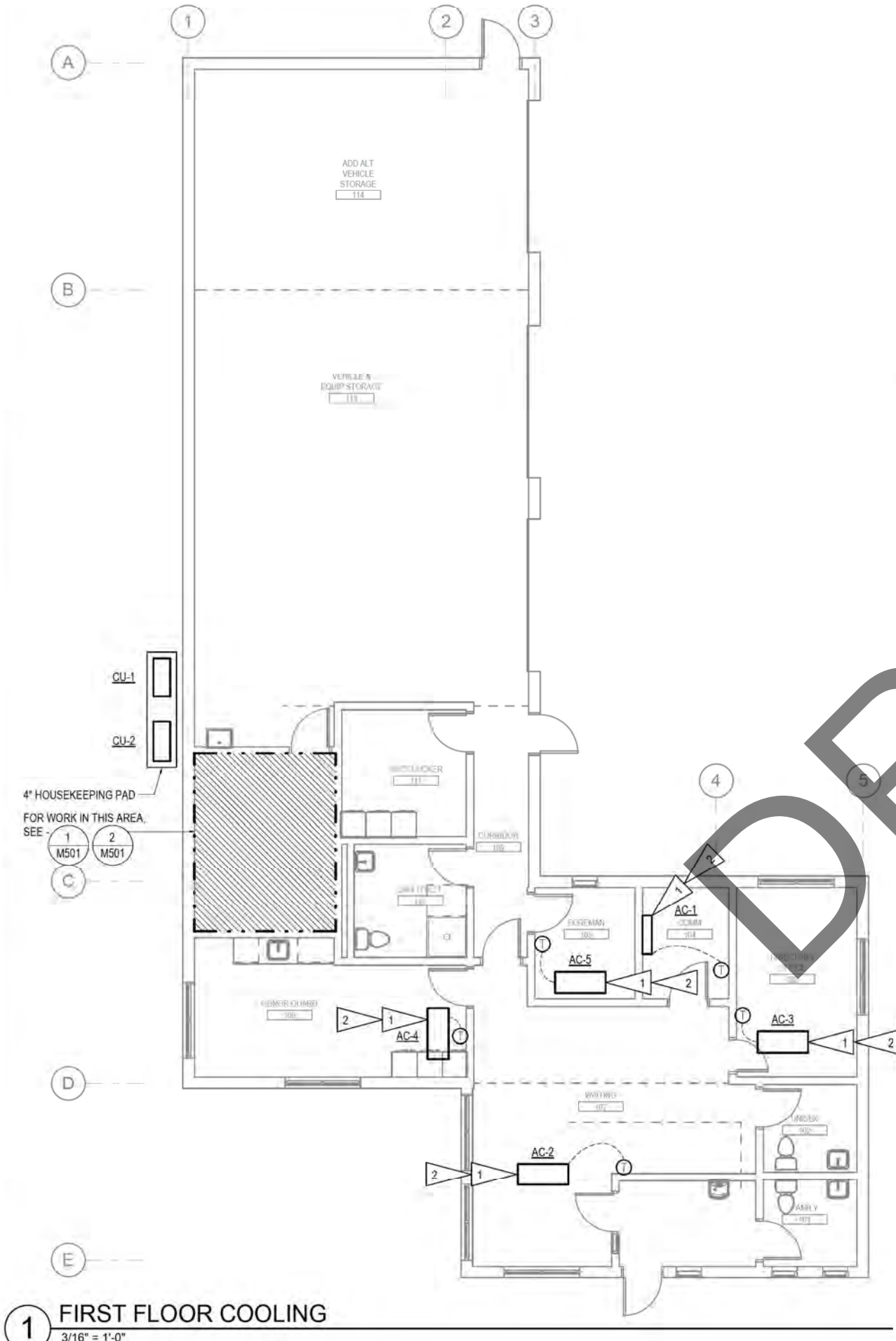
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DATE NOTE

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GENERAL NOTES:

- HEATING EQUIPMENT SHOWN ON THIS PLAN FOR LOCATION COORDINATION, REFER TO M301 FOR ADDITIONAL DETAILS.
- CEILING RECESSED AC UNITS ARE IN APPROXIMATE LOCATIONS, CONTRACTOR TO COORDINATE WITH ELECTRICAL LIGHTING PRIOR TO INSTALLATION, AND MOVE AS NECESSARY TO ACCOMMODATE LIGHTING.
- ALL HEATING PIPING 3/4" UNLESS OTHERWISE NOTED

SHEET NOTES:

- ROUTE INDIVIDUAL LIQUID AND SUCTION LINES FROM AC UNITS TO RESPECTIVE CONDENSING UNITS, SIZING PER MFG.
- ROUTE MIN 3/4" CONDENSATE FROM EACH AC UNIT. CONTRACTOR MAY COMBINE CONDENSATE WASTE WHERE FEASIBLE. IF COMBINING CONDENSATE WASTE, SIZE AND SLOPE PIPE PER UPC OR AHJ. DRAIN TO NEAREST SINK, AND TIE INTO TAILPIECE OF PLUMBING FIXTURE. WHEN COMBINING CONDENSATE LINES, PROVIDE CHECK VALVE AT DISCHARGE OF EACH CONDENSATE PUMP.
- NO HEATING PIPING SHALL RUN OVER COMM ROOM

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

MECHANICAL COOLING AND HEATING
PLANS

SCALE: AS INDICATED
DRAWN BY: DRMPDO
INCL. MARK:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO:
M301

of 15

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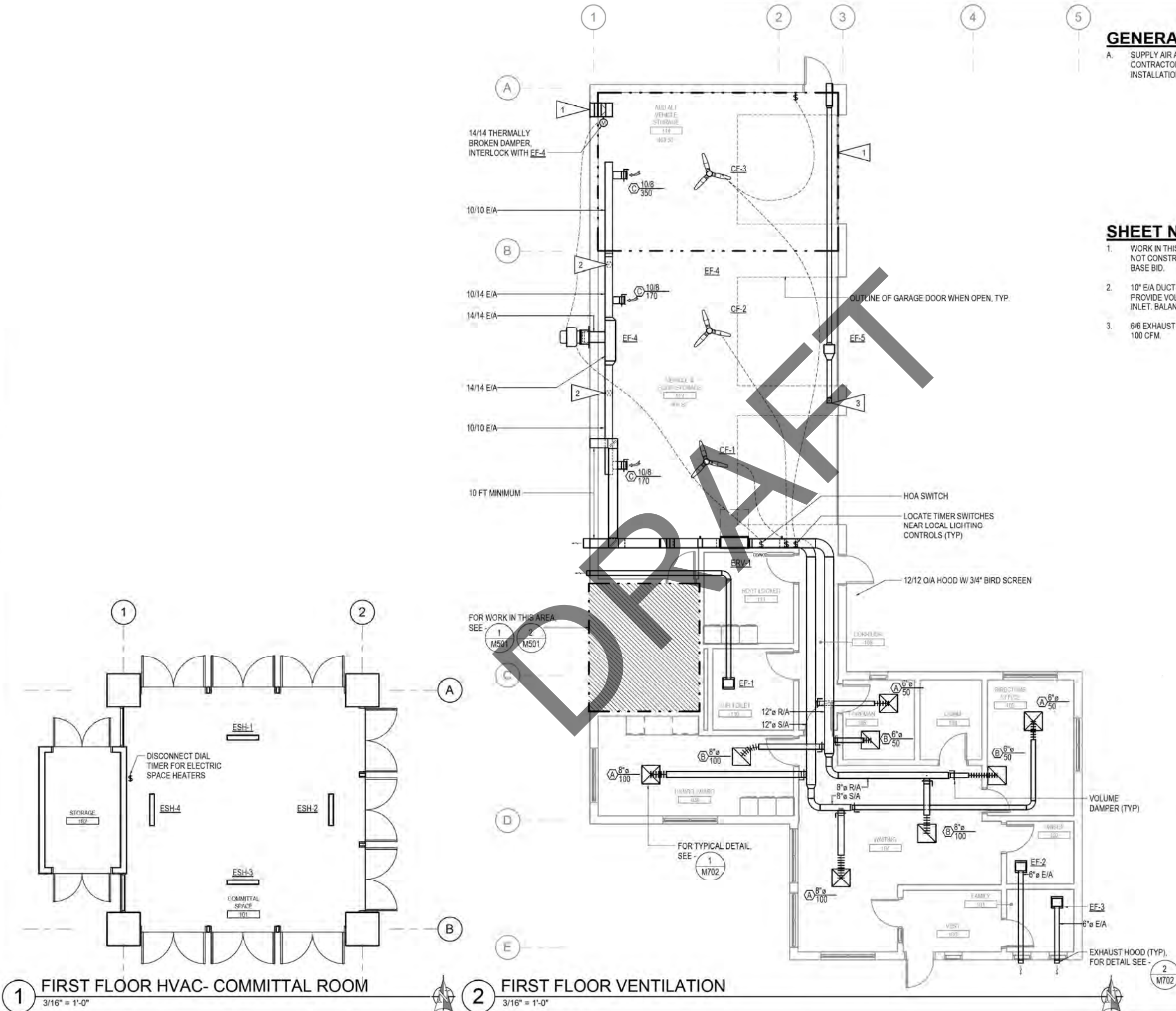


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WWW.RSAENGINEERS.COM

DATE

NOTE



GENERAL NOTES:

- A. SUPPLY AIR AND RETURN AIR DIFFUSERS ARE IN APPROXIMATE LOCATIONS. CONTRACTOR TO COORDINATE WITH ELECTRICAL LIGHTING PRIOR TO INSTALLATION, AND MOVE AS NECESSARY TO ACCOMMODATE LIGHTING.

SHEET NOTES: X

1. WORK IN THIS AREA IS DONE UNDER ADDITIVE ALTERNATE. IF ALTERNATE IS NOT CONSTRUCTED, LOCATE RELIEF AIR OPENING TO PLAN NORTH WALL OF BASE BID.
2. 10" E/A DUCT DOWN TO 12" AFF, LOCATE DUCT DROPS BETWEEN WINDOWS. PROVIDE VOLUME DAMPER IN VERTICAL DROP AND 1/2" BIRD SCREEN AT INLET. BALANCE TO 170 CFM.
3. 6/6 EXHAUST AIR DUCT. PROVIDE 1/2" BIRDSCREEN AT INLET AND BALANCE TO 100 CFM.

95% DESIGN

INTERIOR ALASKA VETERANS CEMETERY (IACV) DOT/PPF Z80033000:DMVA ##

FIRST FLOOR VENTILATION

SCALE: AS INDICATED
DRAWN BY: DRMPDO
PROJ. MGR.: CHK
ENGINEER: CHK
DATE: 07/02/25

SHEET NO: M401

of 15

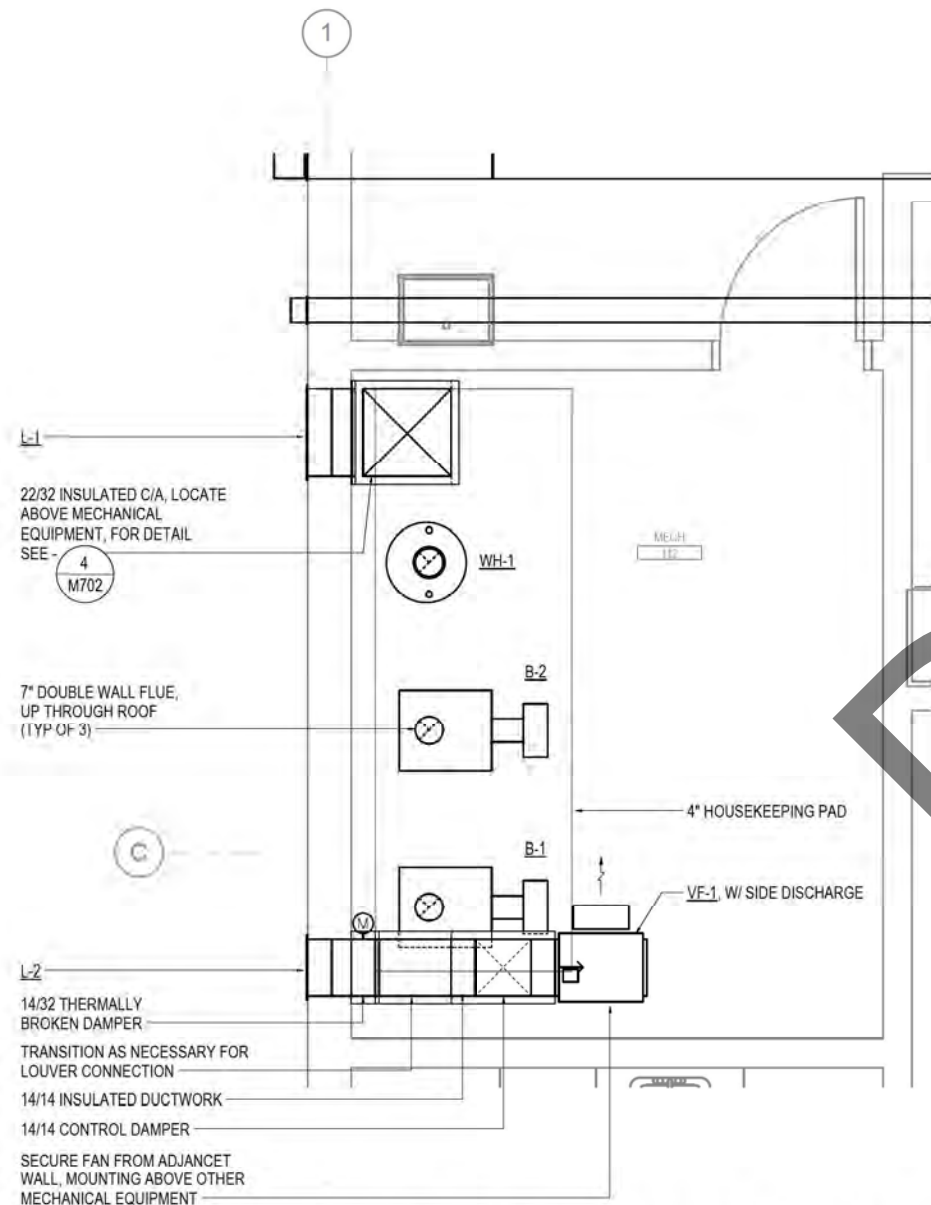
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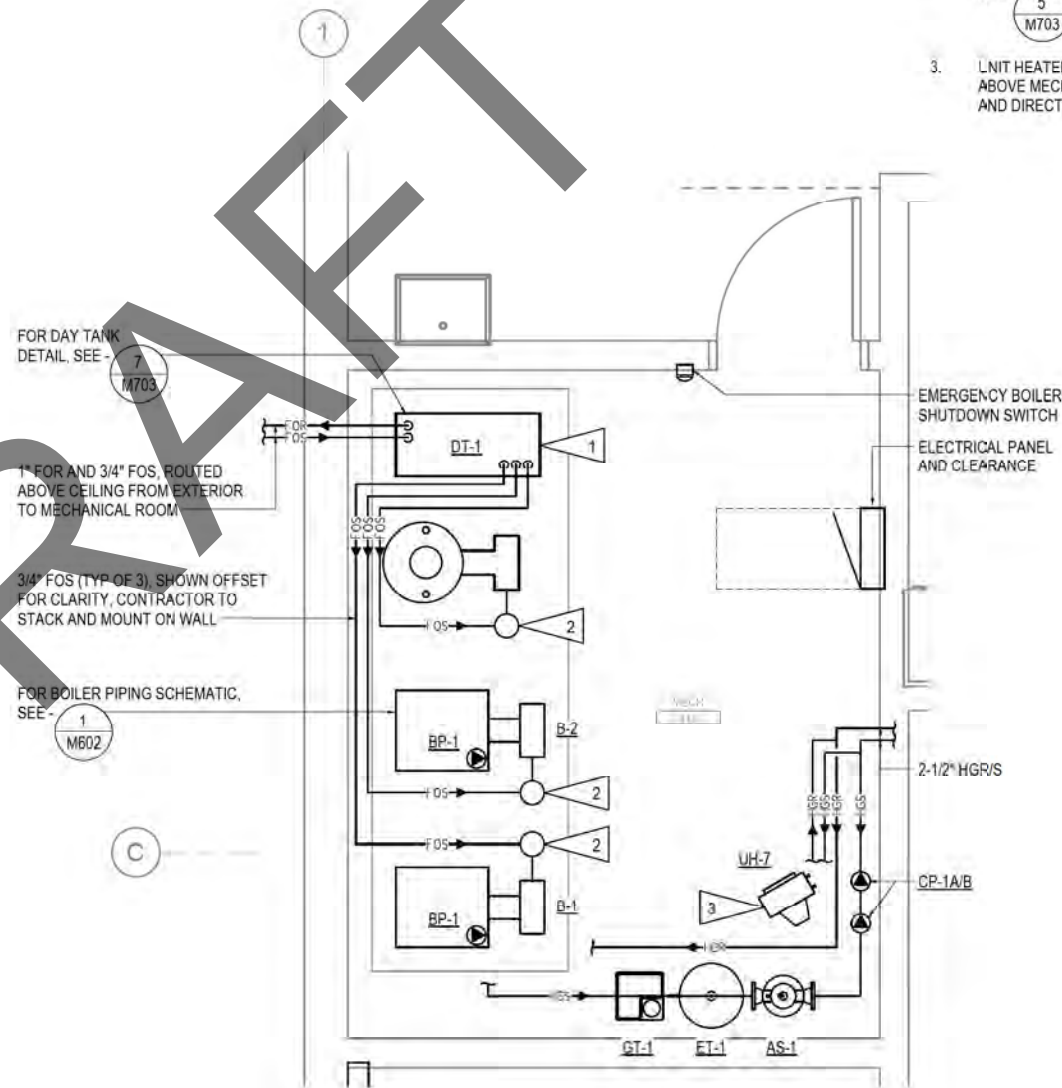
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DRAWINGS PREPARED BY:
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DATE NOTE



1 ENLARGED MECHANICAL ROOM - VENTILATION PLAN
1/2" = 1'-0"



2 ENLARGED MECHANICAL ROOM - PIPING PLAN
1/2" = 1'-0"

GENERAL NOTES:

- A. ALL BRANCH PIPING IS 3/4", UNLESS NOTED OTHERWISE.

SHEET NOTES:

1. PROVIDE 2" VENT AND 2" EMERGENCY VENT TO EXTERIOR AND UP TO 12' ABOVE FINISHED GRADE.
2. PROVIDE A FUEL OIL DEAERATOR FOR EACH BURNER, FOR DETAIL, SEE - **5** M703
3. L/NIT HEATER SHOWN OFFSET FOR CLARITY, CONTRACTOR TO LOCATE ABOVE MECHANICAL EQUIPMENT IN PLAN SOUTH EAST CORNER OF ROOM, AND DIRECT AT C/A OPENING

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PE Z80033000:DMVA ##

MECHANICAL ENLARGED PLANS &
SECTIONS

SCALE: AS INDICATED
DRAWN BY: DRMPDO
PROJ. MGR.:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO:
M501

of 15

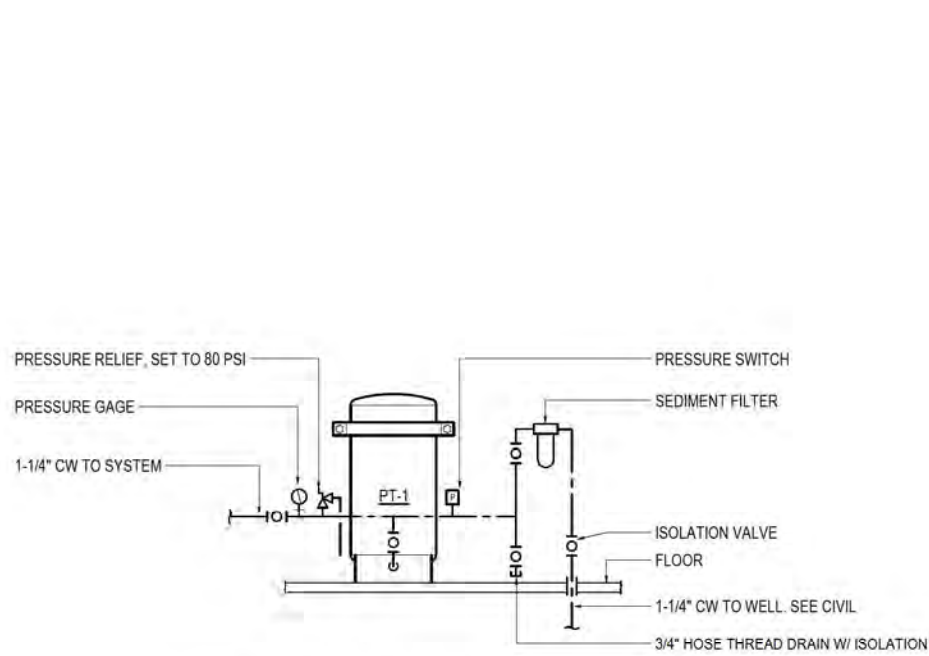
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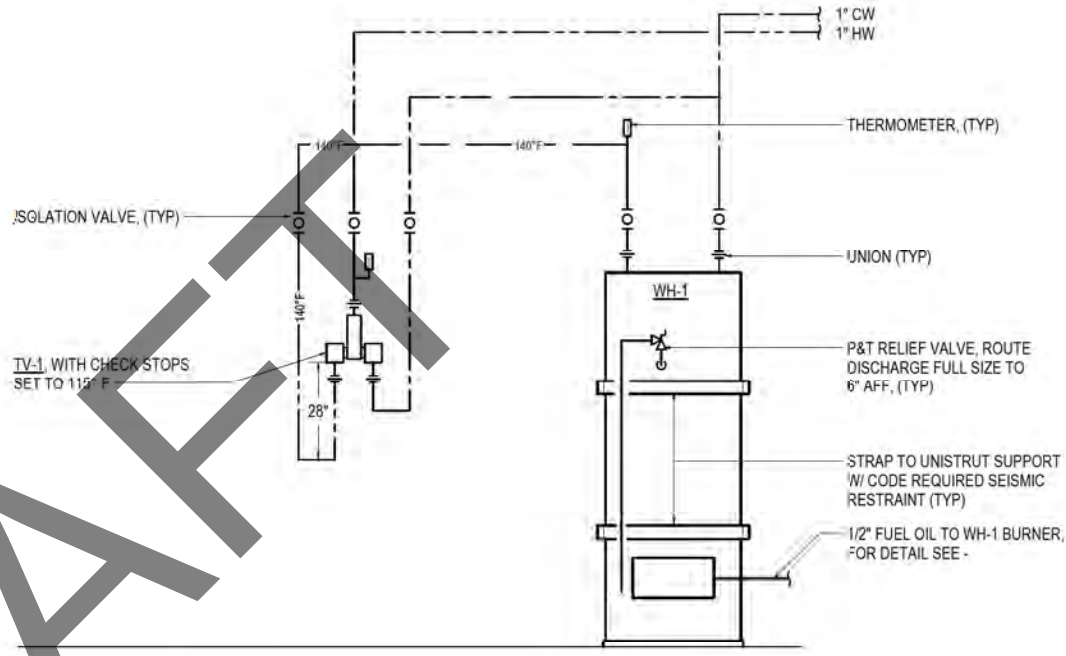
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DATE NOTE



1 WATER SERVICE PIPING SCHEMATIC
NOT TO SCALE



2 WATER HEATER PIPING SCHEMATIC1
NOT TO SCALE

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IACV)

DOT/PTF Z80033000:DMVA ###
PLUMBING SCHEMATICS

SCALE: AS INDICATED
DRAWN BY: DRMPDO
PROJ. MGR.:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO:
M601

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NOTE

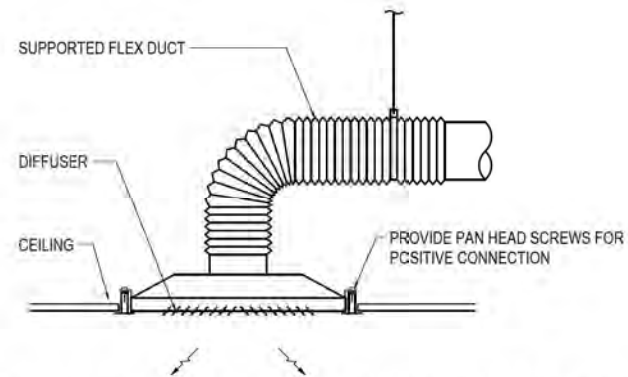


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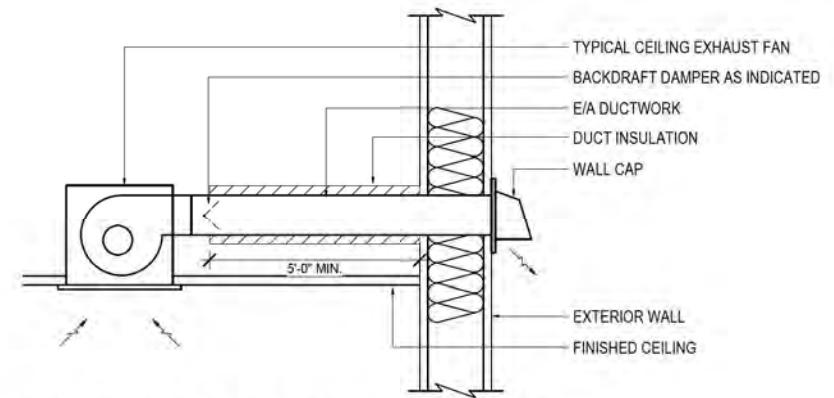
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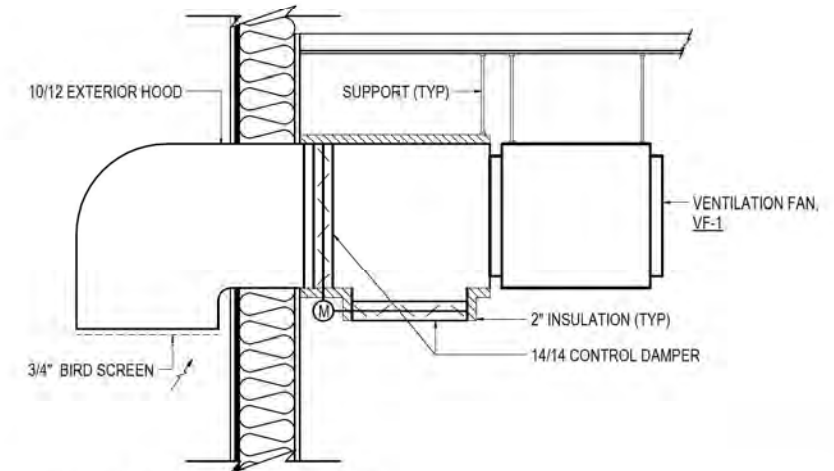
1 CEILING MOUNTED DIFFUSER DETAIL
NOT TO SCALE



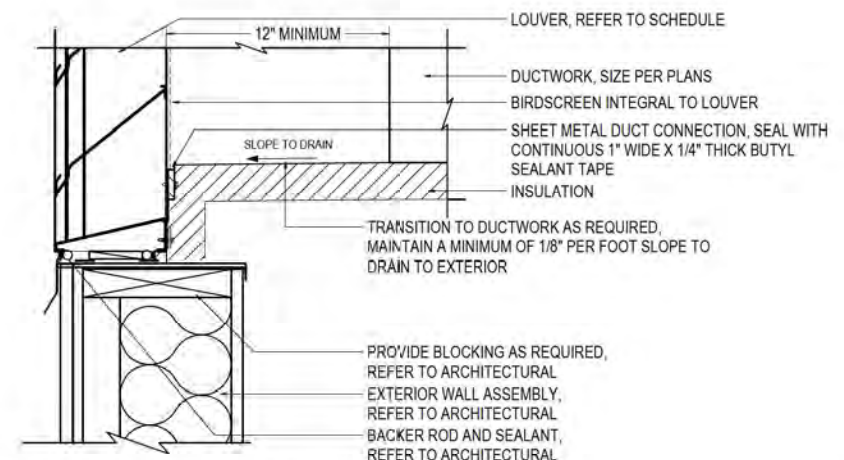
2 SIDEWALL EXHAUST FAN DETAIL
NOT TO SCALE



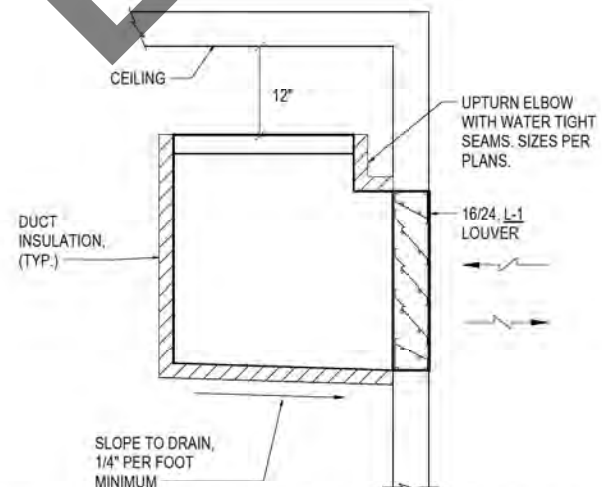
3 VENT FAN VF-1 DETAIL
NOT TO SCALE



5 LOUVER DETAIL
NOT TO SCALE



4 COMBUSTION AIR DETAIL - LOUVER
NOT TO SCALE



95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY (IAVC)

DOT/PEF Z80033000:DMVA ##
MECHANICAL DETAILS

SCALE: AS INDICATED
DRAWN BY: DRMPDO
PROJ. MGR:
ENGINEER: CHK
DATE: 07/02/25

SHEET NO:
M702

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DATE NOTE



ELECTRICAL LEGEND			
	LIGHT FIXTURE - SURFACE MTD ON WALL, EM		DISCONNECT SWITCH (FUSED)
	LIGHT FIXTURE - RECESSED DOWNLIGHT, EM		COMBINATION DISCONNECT/MAGNETIC MOTOR STARTER
	EMERGENCY EXIT SIGN - SURFACE MTD WALL		VARIABLE FREQUENCY DRIVE WITH INTEGRAL DISCONNECT
	LINEAR EMERGENCY FIXTURE		TELECOMMUNICATION OUTLET (COMBINATION TELEPHONE & DATA)
	LINEAR LIGHT FIXTURE - RECESSED MTD		SECURITY CONTROL PANEL
	LINEAR LIGHT FIXTURE - SURFACE MTD CLG		DOOR POSITION CONTACT
	LINEAR LIGHT FIXTURE - WALL MTD, EM		PROXIMITY CARD READER
	STRIPLIGHT - PENDANT OR SURFACE MTD CLG, EM		SECURITY KEYPAD
	FLOODLIGHT - OUTDOORS, WEATHERPROOF		CLOSED CIRCUIT TELEVISION CAMERA (WALL MOUNTED)
	FIXTURE TAG (LETTER INDICATES TYPE)		CLOSED CIRCUIT TELEVISION CAMERA (CEILING MOUNTED)
	SINGLE POLE SWITCH		NOTE TAG (No. INDICATES NOTE)
	SINGLE POLE SWITCH (LOWER CASE LETTER INDICATES SWITCH-ING)		LIGHTING CIRCUIT TAG (No. INDICATES CIRCUIT FOR WHOLE ROOM)
	THREE WAY SWITCH		ABOVE FINISHED FLOOR
	DIMMER SWITCH		ABOVE FINISHED GRADE
	OCCUPANCY SENSOR WALL SWITCH (DUALTECH)		CONDUIT
	OCCUPANCY SENSOR - CEILING MOUNTED (DUALTECH)		CONDUIT ONLY
	CONDUIT, CONCEALED		DENOTES ITEM LOCATED ON THE CEILING
	NUMBER AND SIZE OF WIRES (NO MARKS = 3 #12)		DENOTES EMERGENCY POWER
	HOMERUN TO PANEL (PANEL AND CIRCUIT No.)		GROUND FAULT CIRCUIT INTERRUPTER
	OVERHEAD ELECTRICAL LINE (12470/7200V UON)		GALVANIZED RIGID STEEL CONDUIT
	UNDERGROUND ELECTRICAL LINE (12470/7200V UON)		GOLDEN VALLEY ELECTRIC ASSOCIATION
	PANEL		KELVIN
	DUPLEX RECEPTACLE (PANEL AND CIRCUIT No.)		LIGHT EMITTING DIODE
	DUPLEX RECEPTACLE PROTECTED BY GFCI BREAKER		LUMENS
	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER		MAIN CIRCUIT BREAKER
	QUADRUPLEX RECEPTACLE		MAIN LUGS ONLY
	SPECIAL PURPOSE OUTLET		NATIONAL ELECTRICAL CODE
	JUNCTION BOX		NOT TO SCALE
	EMERGENCY PUSHBUTTON SWITCH		TELEPHONE TERMINAL BACKBOARD
	MOTOR (SIZED AS SHOWN)		SURGE PROTECTIVE DEVICE
	FRACTIONAL HORSEPOWER MOTOR STARTER		TYPICAL
	DISCONNECT SWITCH		UNLESS OTHERWISE NOTED
			WEATHERPROOF

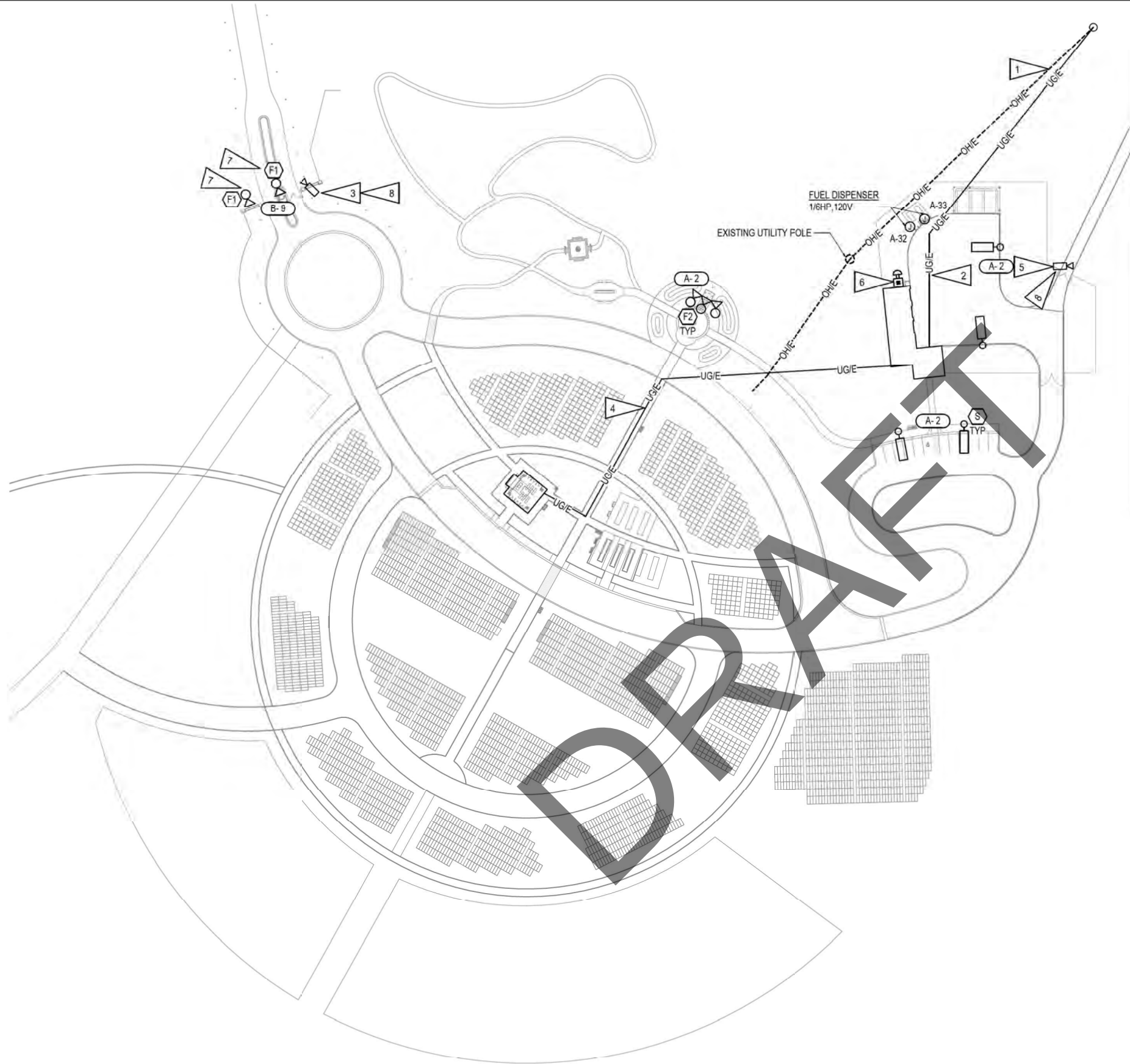
LIGHT FIXTURE SCHEDULE									
TYPE	LOCATION	MANUFACTURER AND CATALOG NUMBER (OR APPROVED EQUAL)	LUMINAIRE DESCRIPTION	MOUNTING		LAMPS	BALLAST/DRIVER	TOTAL INPUT WATTS	
				TYPE	HEIGHT				
A1	AS SHOWN	LITHONIA #2BLT2-40L-ADSM-GZ10-LP840-BAA	2'x2' VOLUMETRIC LED RECESSED TROFFER WITH WHITE STEEL HOUSING, CURVED SMOOTH LENS AND STANDARD EFFICIENCY OPTION.	RECESSED	CEILING	4000K LED 4144LM	120V-277V, 0-10V DIMMING	31	
A2	AS SHOWN	LITHONIA #2BLT2-33L-ADSM-GZ10-LP840-BAA	SAME AS TYPE A1 EXCEPT LOWER LUMEN PACKAGE.	RECESSED	CEILING	4000K LED 3391LM	120V-277V, 0-10V DIMMING	27	
B	AS SHOWN	LITHONIA #CLX-L48-5000LM-SEF-FDL-MVOLT- GZ10-40K-80CRI-WH-BAA	2'x4' INDUSTRIAL LED STRIP LIGHT WITH WHITE STEEL HOUSING AND FROSTED LENS.	SURFACE	CEILING	4000K LED 4970LM	120V-277V, 0-10V DIMMING	32	
C1	AS SHOWN	GOTHAM #EVO4-40/10-AR-LSS-MD-MVOLT-GZ10-BAA	4" LED OPEN DOWNLIGHT WITH CLEAR TRIM, MEDIUM DISTRIBUTION AND SEMI-SPECULAR FINISH.	RECESSED	CEILING	4000K LED 1001LM	120V-277V, 0-10V DIMMING	9	
C2	SHOWER	GOTHAM #EVO4SH-40/10-AR-LSS-MD-MVOLT-GZ10-BAA	SAME AS C1 EXCEPT SHOWER RATED.	RECESSED	CEILING	4000K LED 1001LM	120V-277V, 0-10V DIMMING	10	
D	RESTROOMS	LITHONIA #BLWP2-20L-ADSM-GZ10-LP840-BAA	2' LED WRAPAROUND FIXTURE.	WALL	+7'-6" AFF	4000K LED	120V-277V, 0-10V DIMMING	17	
E1	EXTERIOR	LITHONIA #WDGE2-LED-P1-30K-80CRI-TFM-MVOLT- SRM-BAA-PIR-DOBXD	WALL MOUNTED LED WALL SCONCE WITH VISUAL COMFORT FORWARD THROUGH DISTRIBUTION AND DARK BRONZE FINISH.	SURFACE	+9'-0" AFF	3000K LED 1186LM	120V-277V RATED -40F START	11	
E2	EXTERIOR	LITHONIA #WDGE2-LED-P1-30K-80CRI-T1S-MVOLT- SRM-BAA-PIR-DOBXD	WALL MOUNTED LED WALL SCONCE WITH VISUAL COMFORT TYPE ONE SHORT DISTRIBUTION INTEGRAL MOTION SENSOR, AND DARK BRONZE FINISH.	SURFACE	+14'-0" AFF	3000K LED 4002LM	120V-277V RATED -40F START	47	
F1	SITE	LITHONIA #DSXF1-P2-30K-PE-HMF-MVOLT-IS-VG- DBLXD-BAA	FLOOD LIGHT WITH VANDAL GUARD AND DARK BRONZE FINISH AND HORIZONTAL DISTRIBUTION WITH INTEGRAL PHOTOCELL AND VANDAL GUARD	STEM MOUNTED ON 2-3/8" OD TENON	1' AFG	3000K LED 4245LM	120V-277V	42	
F2	SITE	LITHONIA #DSXF2-P2-30K-NSP-MVOLT-IS-VG-DBLXD- BAA	FLOOD LIGHT WITH VANDAL GUARD AND DARK BRONZE FINISH AND NARROW SPOT DISTRIBUTION WITH VANDAL GUARD.	STEM MOUNTED ON 2-3/8" OD TENON	1' AFG	3000K LED 8248LM	120V-277V	64	
G	HONOR GUARD	KENALL #AUCLED-I-MW-11L40K-18-120-BAA	18" UNDERCABINET LIGHT WITH MATTE WHITE FINISH.	SURFACE	UNDERCABINET	4000K LED 1290LM	120V-277V	15	
H1	COMMITAL SHELTER	LITHONIA #VCVL LED-V4-P2-30K-80CRI-T5W-MVOLT- HCS-UPL1-DOBXD-BAA	ARCHITECTURAL LED PENDANT WITH UP AND DOWNLIGHT WITH WIDE DISTRIBUTION AND DARK BRONZE FINISH	PENDANT	+10' AFF	3000K LED 4591LM DOWN 500LM UP	120V-277V	34	
H2	GARAGE	LITHONIA #VCVL LED-V4-P4-30K-80CRI-T5W-MVOLT- HCS-UPL1-DOBXD-BAA	SAME AS TYPE H1 EXCEPT HIGHER LUMEN PACKAGE	PENDANT	+10' AFF	3000K LED 7898LM DOWN 500LM UP	120V-277V	63	
I	COMMITAL SHELTER	PRUDENTIAL LTG #WE1BPRO3-LIN-FLSH-LED3-MO-4- WETYBB-WWG-SC-UNV-CA24"-X3-DIM01	EXTERIOR RATED LINEAR WALL WASH WITH BLACK FINISH WITH AIRCRAFT CABLE MOUNTING	PENDANT	+10' AFF	3000K LED 700LM/FT	120-277V	6W/FT	
S	SITE	LITHONIA #DSX2-LED-P1-30K-80CRI-T3M-MVOLT-SPA	LED POLE-MOUNTED AREA LIGHT, ARCHITECTURAL HEAD WITH DARK BRONZE FINISH AND SQUARE POLE MOUNTING	POLE	+28' AFG	3000K LED 7594LM	120V-277V RATED FOR -40C START	51	
EX	AS SHOWN	LITHONIA #ELM2L-BAA	EMERGENCY LED FIXTURE	SURFACE	+8'-0" AFF	LED	120V-277V	1	



1

ELECTRICAL SITE PLAN

1" = 60'-0"



GENERAL NOTES:

- A. PROVIDE MINIMUM #10AWG WIRE FOR ALL EXTERIOR POWER WIRING UON.
- B. SEE SHEET E501 FOR HAZARDOUS AREA BOUNDARIES. ALL WORK IN THESE AREAS SHALL BE DONE IN STRICT COMPLIANCE WITH ARTICLES 500, 501, AND 514 OF THE NATIONAL CODE. PROVIDE SEAL OFFS ON ALL CONDUIT PENETRATING CLASSIFIED LOCATIONS AS REQUIRED BY CODE. EQUIPMENT ASSOCIATED WITH DIESEL FUEL ONLY IS CONSIDERED UNCLASSIFIED PER NEC 514.3(A) AS DIESEL HAS A FLASH POINT EQUAL TO 100°F AND ABOVE.
- C. EXTERIOR LIGHTS TO BE CONTROLLED VIA BUILDING PHOTOCELL UON.

SHEET NOTES:

1. DEMOLISH EXISTING OVERHEAD POWER LINE FROM UTILITY XFMR TO DEMOLISHED BUILDING. COORDINATE REQUIREMENTS WITH GVEA.
2. SEE 1/E301 FOR SERVICE ENTRANCE. COORDINATE EXACT LOCATION WITH LOCAL UTILITY PRIOR TO INSTALLING.
3. ROUTE 4-STRAND MULTIMODE FIBER FOR CAMERA. TERMINATE FIBER IN COMM ROOM 122. PROVIDE MEDIA CONVERTERS AS REQUIRED. SEE 1/E301. POWER MEDIA CONVERTER FROM CIRCUIT B-20.
4. PROPOSED CONDUIT ROUTING FOR PANEL B. UNDERGROUND ROUTING SHALL BE UNDERNEATH NEW ROAD/WALKWAYS. SEE 2/E301 FOR PANEL LOCATION. FEEDER DISTANCE MUST NOT EXCEED 500FT OR IT WILL NEED TO BE UPSIZED FOR VOLTAGE DROP.
5. PROVIDE CAT 6 CONNECTION TO CAMERA FROM COMM ROOM 122.
6. PROVIDE FUEL SYSTEM EMERGENCY SHUTDOWN DEVICE (ESD) WITH SIGNAGE ABOVE PER NEC AND IFC REQUIREMENTS. INSTALL ESD GREATER THAN 20FT AND LESS THAN 100FT FROM FUEL DISPENSER. SEE 4/E501. MOUNT TO BUILDING OR PROVIDE PEDESTAL MOUNT.
7. LIGHTS HAVE INTEGRAL PHOTOCELL. DO NOT ROUTE THROUGH BUILDING PHOTOCELL.
8. MOUNT CAMERA ON 10' BLACK SQUARE STEEL POLE BEHIND FENCE.

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY

DOT/PT: Z80033000; DMVA ###
ELECTRICAL SITE PLAN

SCALE:	AS INDICATED
DRAWN BY:	NDZ
PROJ. MGR:	
ENGINEER:	SE
DATE:	06/30/25

SHEET NO:
E101
2 of 9

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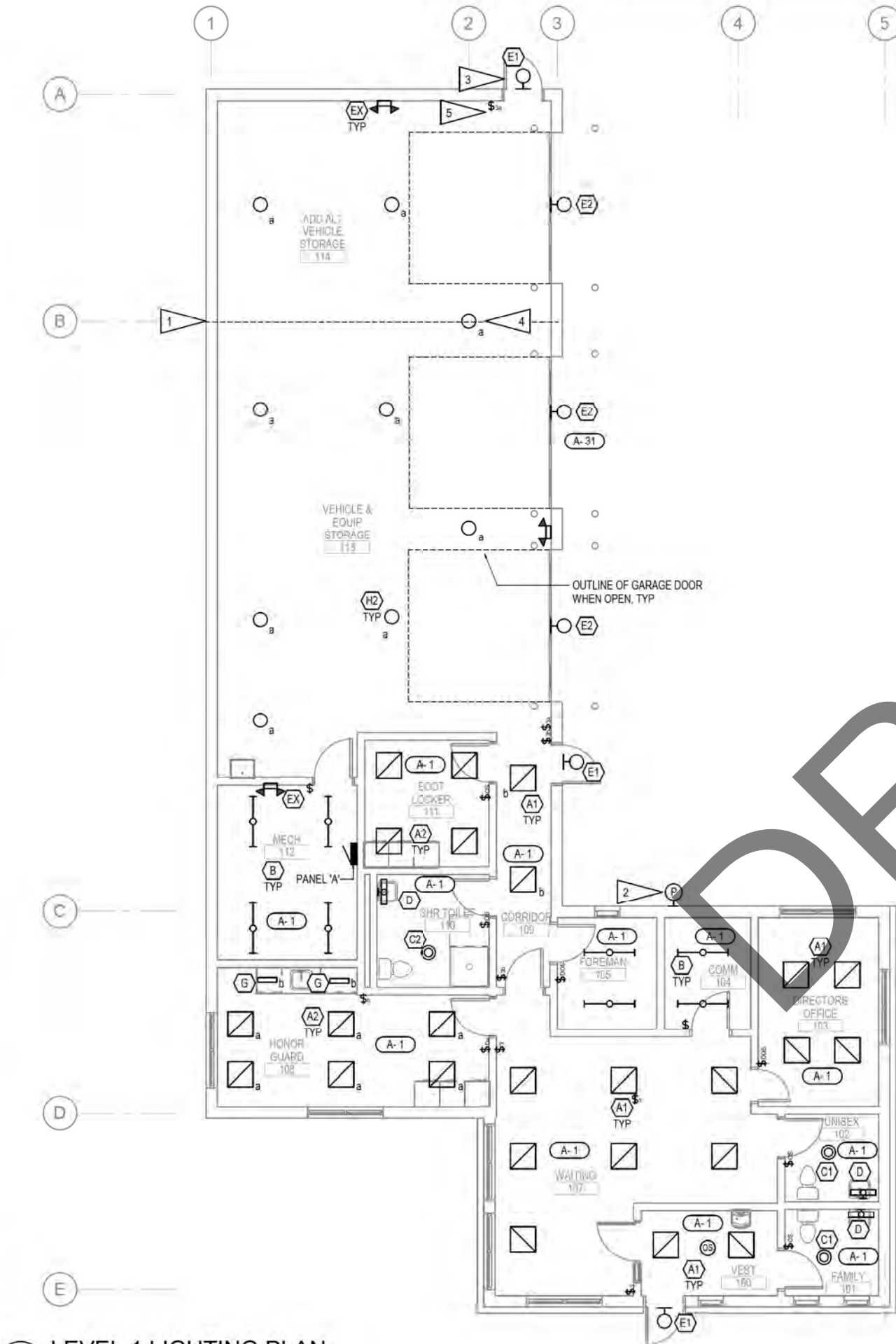
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

DRAWINGS PREPARED BY:
RBM CONSULTANTS, INC.
8001 LANGFORD DRIVE
ANCHORAGE, AK 99501

RSA MECHANICAL AND
ELECTRICAL
CONSULTING
ENGINEERS+
800 WEST FREEMAN LANE, SUITE
200 ANCHORAGE, AK 99503
PHONE: (907) 562-1111
FAX: (907) 562-1111
WWW.RSACONSTRUCTION.COM

DATE

NOTE



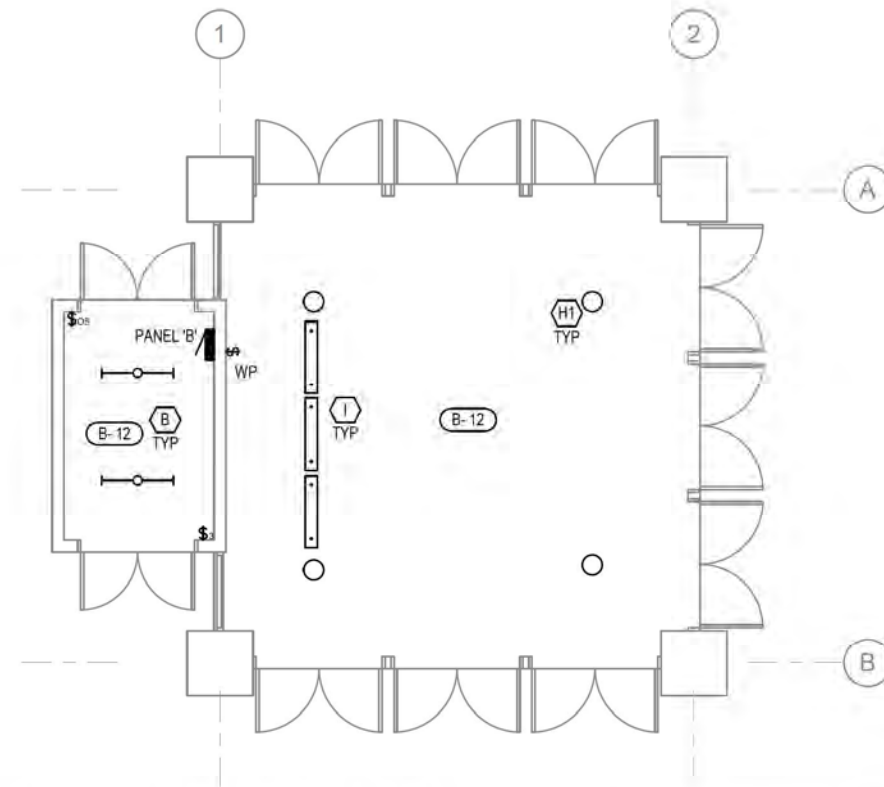
1 LEVEL 1 LIGHTING PLAN
3/16" = 1'-0"

GENERAL NOTES:

- A. JUNCTION BOXES AND WIRE COUNT NOT SHOWN FOR CLARITY. PROVIDE JUNCTION BOXES AND WIRING AS REQUIRED FOR COMPLETE LIGHTING SYSTEM.

SHEET NOTES:

1. ALL EQUIPMENT LOCATED PLAN NORTH OF DASHED LINE IS PART OF ADDITIVE ALTERNATE (ADD ALT) 1.
2. PHOTOCELL FOR EXTERIOR LIGHTS. SEE 4/E301.
3. LIGHT IS INCLUDED IN BASE BID. ADJUST LOCATION TO REMAIN OVER DOOR AS NEEDED IF ADD ALT 1 IS NOT AWARDED.
4. LIGHT IS INCLUDED IN BASE BID. IF ADD ALT 1 IS NOT AWARDED ADJUST LOCATION AS NECESSARY TO AVOID WALL AND GARAGE DOOR.
5. SWITCH IS INCLUDED IN BASE BID. ADJUST LOCATION TO REMAIN NEXT TO DOOR AS NEEDED IF ADD ALT 1 IS NOT AWARDED.



2 COMMITAL SHELTER LIGHTING PLAN
3/16" = 1'-0"

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY

DOT/PE Z80033000; DMVA ###

LIGHTING PLANS

SCALE: AS INDICATED
DRAWN BY: NDZ
PROJ. MGR.:
ENGINEER: SA
DATE: 06/30/25

SHEET NO:
E201

3 of 9

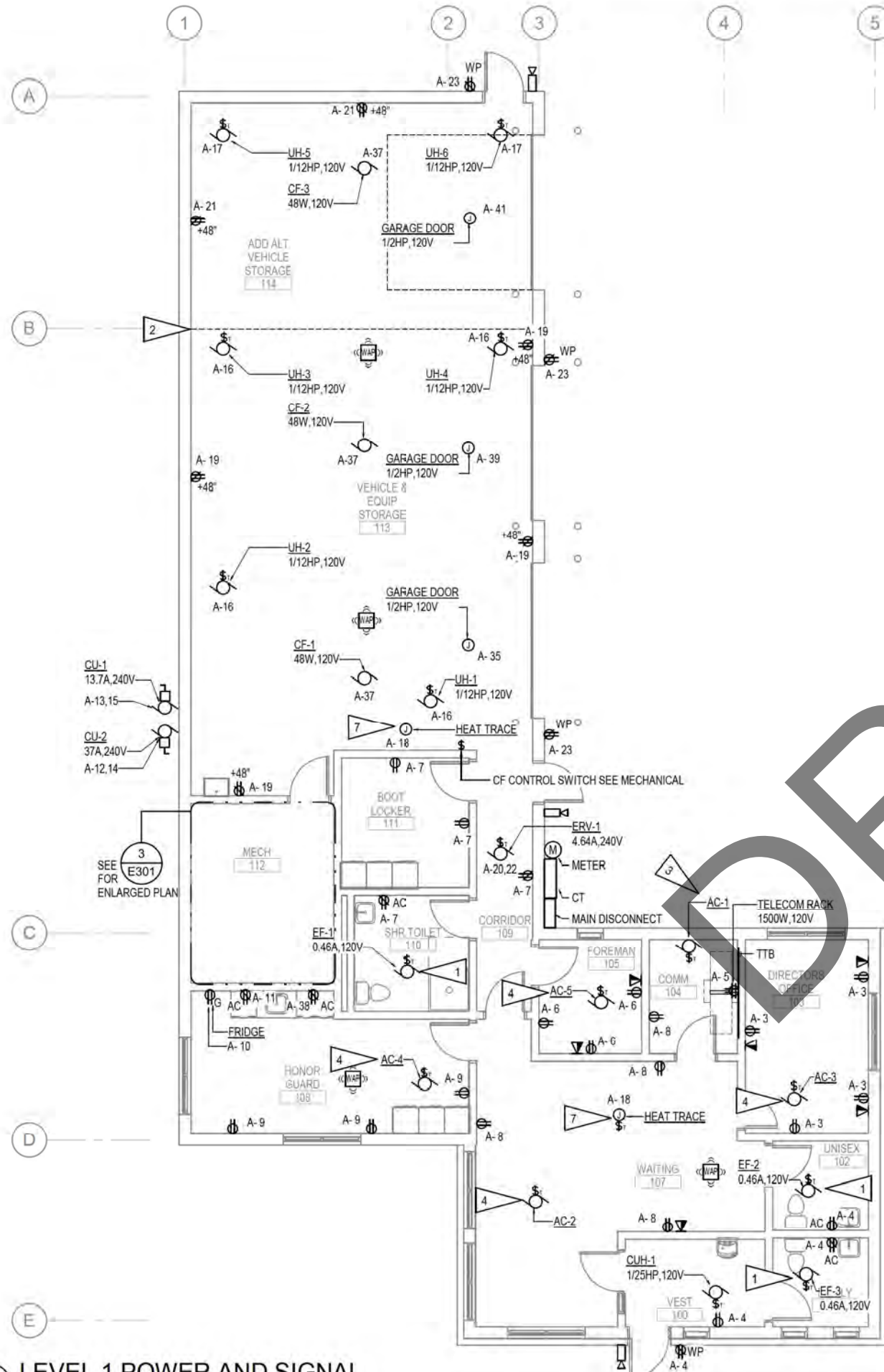
DEPARTMENT OF
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FACILITIES STATEWIDE PUBLIC
FACILITIES
DEPARTMENT OF MILITARY AND
VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE



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DRAWINGS PREPARED BY
RBM CONSULTANTS, INC.
9801 LANGSTON DRIVE
ANCHORAGE, AK 99503
PHONE: (907) 562-1111
FAX: (907) 562-1112
WWW.RBMCONSULTANTS.COM

DATE NOTE



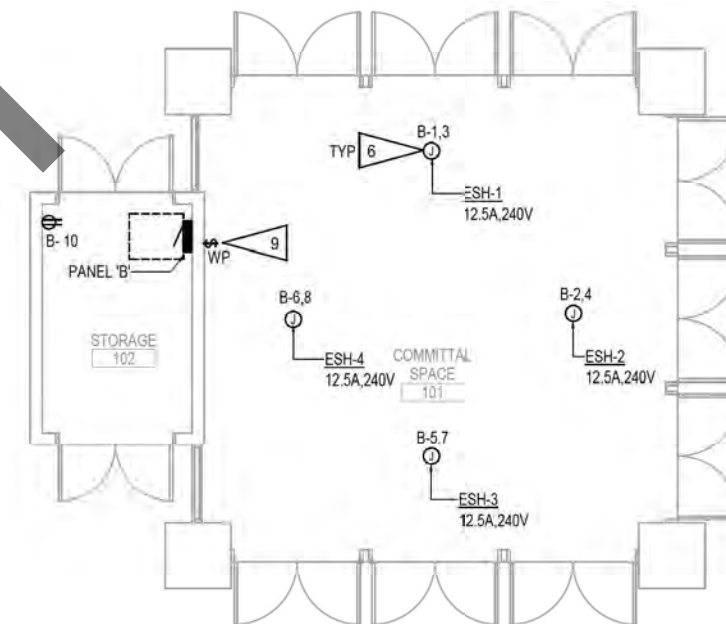
1 LEVEL 1 POWER AND SIGNAL
3/16" = 1'-0"

GENERAL NOTES:

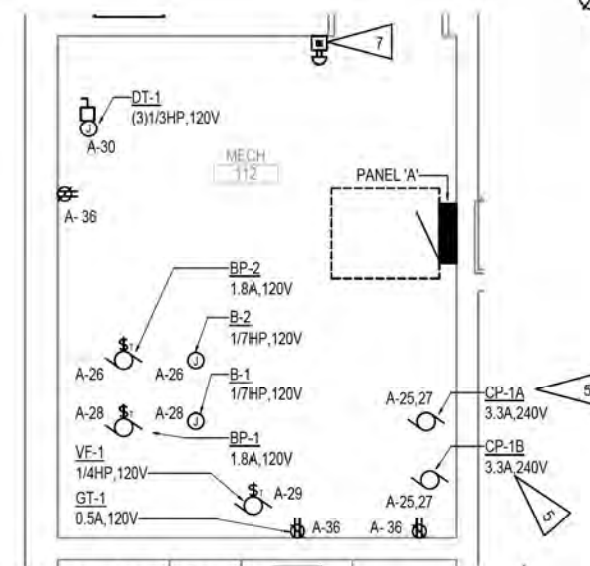
A. MOUNT ALL RECEPTACLES IN GARAGE OR ROOMS WITH 1 DOOR SEPERATION FROM GARAGE MINIMUM AT + 24" AFF UON.

SHEET NOTES:

1. FAN SHALL BE CONTROLLED VIA LOCAL LIGHTING SWITCH AND CONNECTED TO LOCAL LIGHTING CIRCUIT.
2. ALL EQUIPMENT LOCATED PLAN NORTH OF DASHED LINE INSIDE THE BUILDING IS PART OF ADDITIVE ALTERNATE 1. EQUIPMENT ON NORTH EXTERIOR WALL IS PART OF BASEBID.
3. AC UNIT IS POWERED FROM CU-1. PROVIDE INTERCONNECTING WIRING PER MANUFACTURER'S INSTRUCTION.
4. AC UNITS ARE POWERED FROM CU-2. PROVIDE INTERCONNECTING WIRING AS REQUIRED PER MANUFACTURER'S INSTRUCTION.
5. PUMPS TO BE PROVIDED WITH INTEGRAL VFD. COORDINATE WITH MECHANICAL.
6. ELECTRICAL SPACE HEATER IS PROVIDED WITH TIMER DIAL D SCONNECT BY MECHANICAL AND IS A SEPERATE BID ITEM.
7. PROVIDE 5W/FT SELF REGULATING HEAT TRACE FOR VENT TH-ROUGH ROOF. COORDINATE WITH MECHANICAL.
8. PROVIDE BOILER SHUTDOWN TO SHUNT TRIP FOR B-1 AND B-2.
9. CONTROL SWITCH FOR ELECTIC SPACE HEATERS. SEE MECHANICAL.



2 COMMITAL SHELTER POWER PLAN
3/16" = 1'-0"



3 ENLARGED MECHANICAL ROOM
3/8" = 1'-0"

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY

DEPARTMENT OF
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FACILITIES STATEWIDE PUBLIC
FACILITIES

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VETERANS AFFAIRS FACILITIES
MAINTENANCE OFFICE

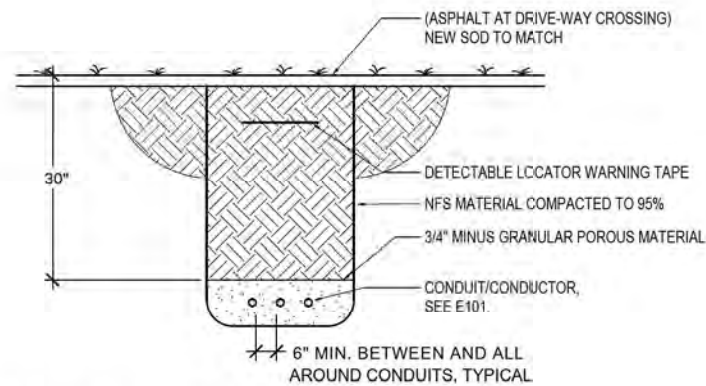
DESIGNED BY
RSM CONSULTANTS, INC.
9801 LANGSHAW DRIVE
ANCHORAGE, AK 99503
PAC-CO-02, 04, 0501
REV. 02/04/24

DATE	NOTE

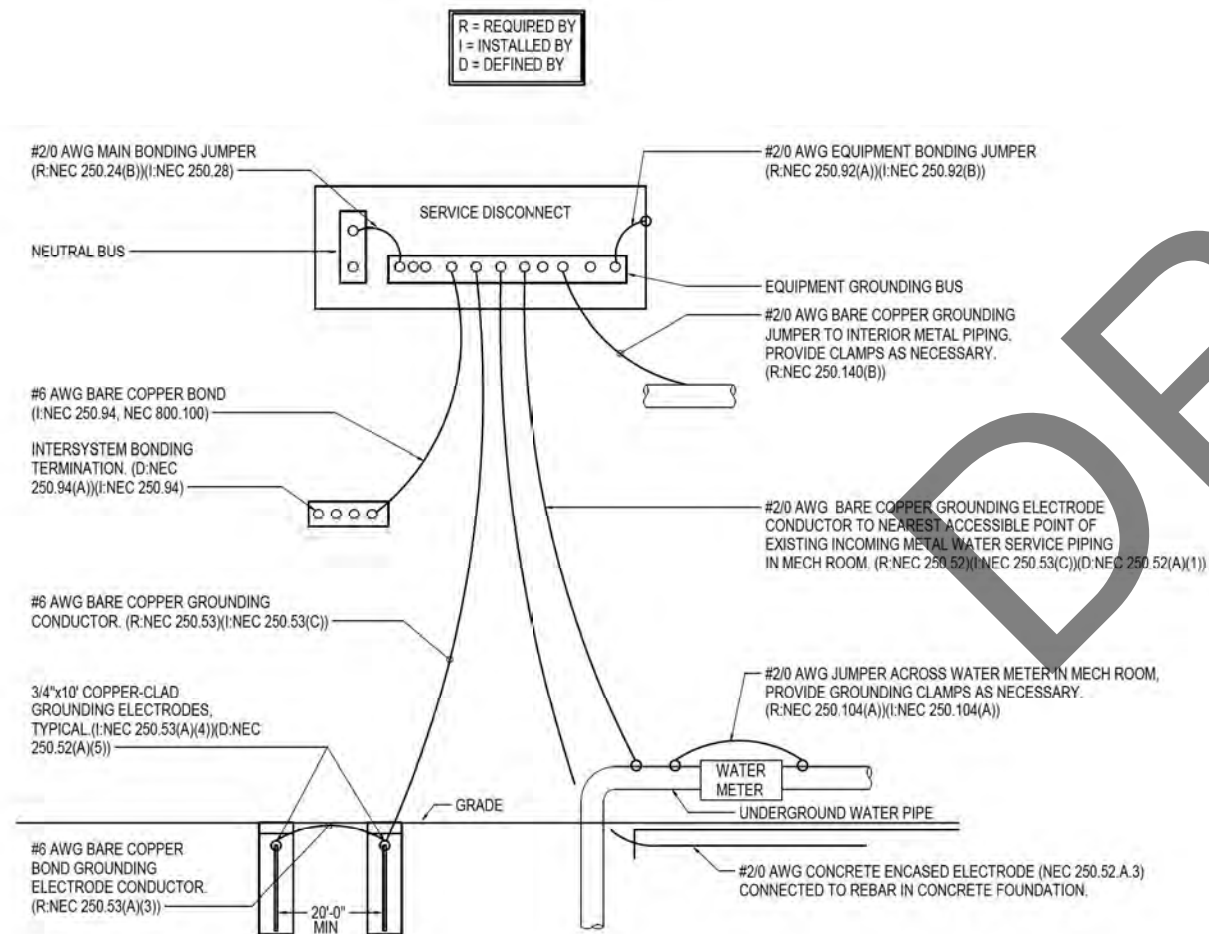
SCALE: AS INDICATED
DRAWN BY: NDZ
PROJ. MGR.:
ENGINEER: SB
DATE: 06/30/25

SHEET NO:
E301

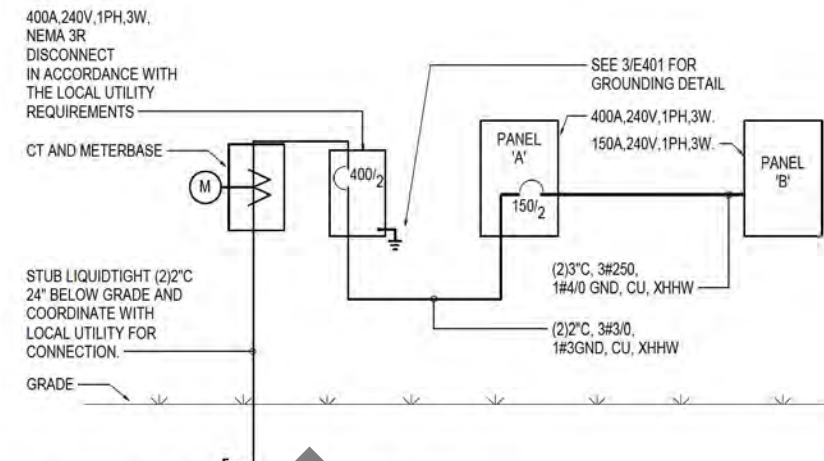
4 of 9



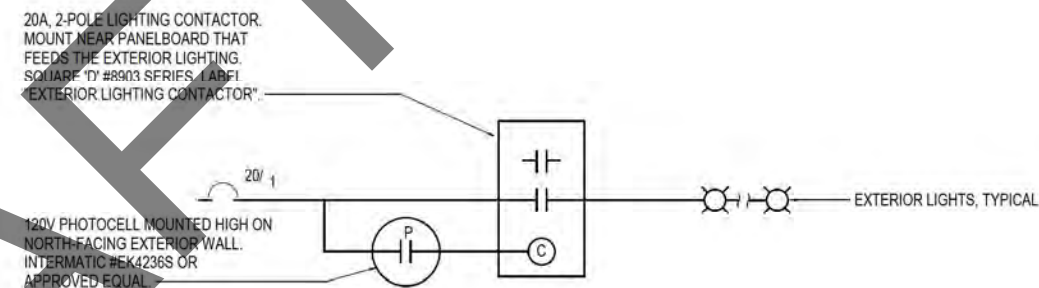
1 TRENCH DETAIL
NOT TO SCALE



3 SERVICE ENTRANCE GROUNDING DETAIL
NOT TO SCALE



2 POWER ONE-LINE DIAGRAM
NOT TO SCALE



4 EXTERIOR LIGHTING CONTROL DETAIL
NOT TO SCALE

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERYDOT/PF Z80033000; DMVA ###
ELECTRICAL DETAILS

SCALE:	AS INDICATED
DRAWN BY:	NDZ
PROJ. MGR:	
ENGINEER:	SH
DATE:	06/30/25

SHEET NO:
E401

5 of 9

DEPARTMENT OF
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FACILITIES

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ANCHORAGE, AK 99501
(907) 562-1100

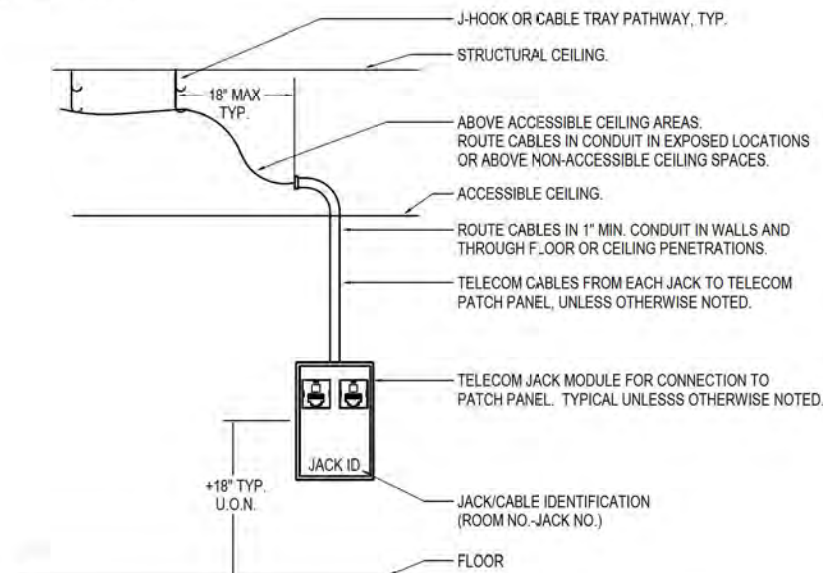
DATE	NOTE

TELECOMMUNICATIONS BONDING BACKBONE SCHEDULE

- 1 BAR COPPER GROUND BOND FROM TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TGMGB) TO GROUND BUS IN MAIN DISTRIBUTION PANEL.
- 2 BARE COPPER GROUND BOND FROM RACK-MOUNTED TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) TO TGMGB.
- 3 BARE COPPER GROUND BOND FROM TELEPHONE TERMINAL BOARD (TTB).

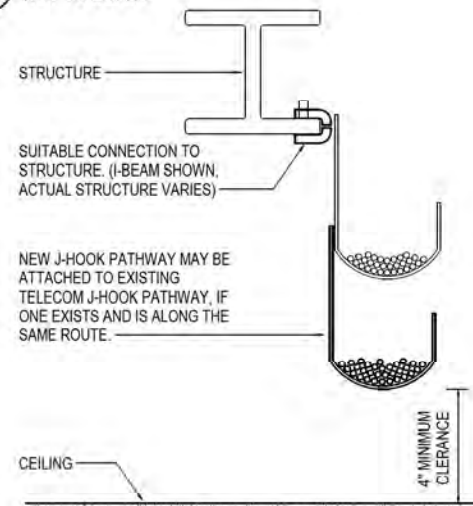
- 1 BAR COPPER GROUND BOND FROM TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TGMB) TO GROUND BUS IN MAIN DISTRIBUTION PANEL.
- 2 BARE COPPER GROUND BOND FROM RACK-MOUNTED TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) TO TMGB.
- 3 BARE COPPER GROUND BOND FROM TELEPHONE TERMINAL BOARD (TTB).

1 TELECOMMUNICATIONS SYSTEM GROUNDING DETAIL



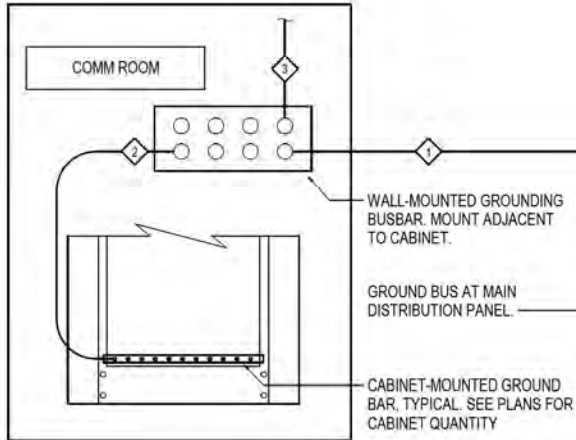
NOTE: SEE SIGNAL PLANS FOR EXACT NUMBER AND LOCATION OF ALL TELECOM OUTLETS.

3 TELECOMMUNICATIONS JACK DETAIL
NOT TO SCALE



4 J-HOOK DETAIL - LOW-VOLTAGE CABLING
NOT TO SCALE

SEE PLANS FOR LOCATION OF MAIN PANEL
AND TELECOM RACK



DETAIL NOTES: #

1. PLUG EQUIPMENT INTO PLUG STRIP IN RACK.
2. FOR ALL EXTERIOR CAMERAS, PATCH CABLE TO CAMERA SHALL BE EXTERIOR RATED.
3. TERMINATE HORIZONTAL CABLE ON NEW PATCH PANEL IN NEW TELECOM CABINET IN TELECOM ROOM 122.

2 VIDEO SYSTEM ONE-LINE DIAGRAM

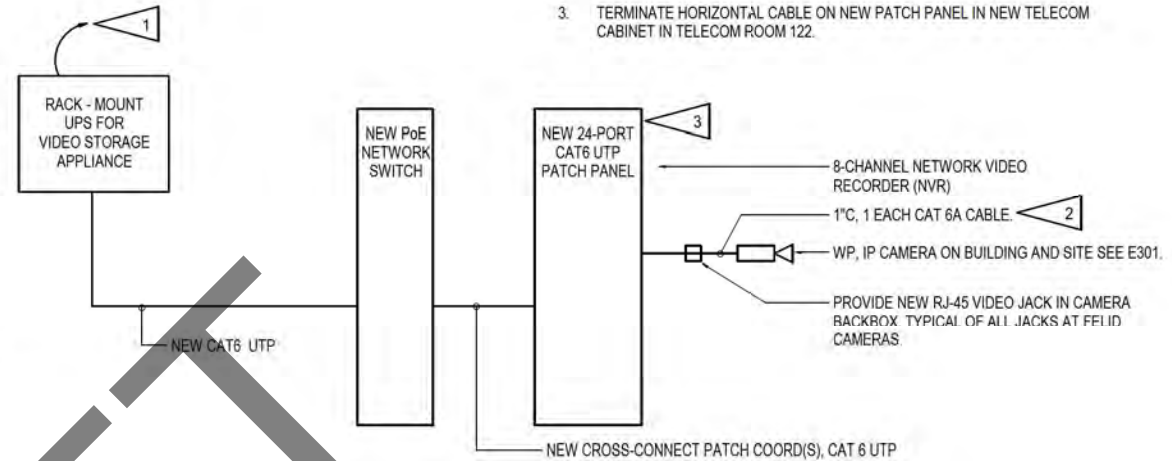


Diagram illustrating the elevation view of a rack-mounted equipment assembly. The assembly is mounted on a vertical support structure. Key components and labels include:

- PROVIDE UNISTRUT AS REQUIRED TO BRACE CONDUITS
- TR1-1
- 2RMU CABLE MANAGEMENT PANEL, TYP.
- HORIZONTAL CABLE PATCH PANEL, TYP.
- PATCH PANEL FOR TERMINATION OF HORIZONTAL CABLES.
- 1 RMU CABLE MANAGEMENT PANEL.
- SPACE FOR STARLINK
- VERTICAL CABLE MANAGEMENT SECTION, TYP.
- RACK-MOUNTED POWER STRIP.
- FLOOR

5 TELECOMMUNICATIONS DETAIL
NOT TO SCALE



LIGHTING
CIRCUIT
SEE 1/E101

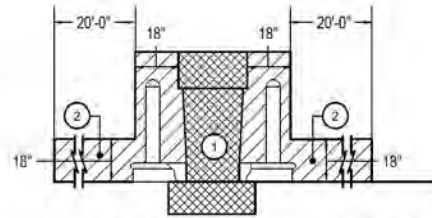
PILE BASE

NOT TO SCALE

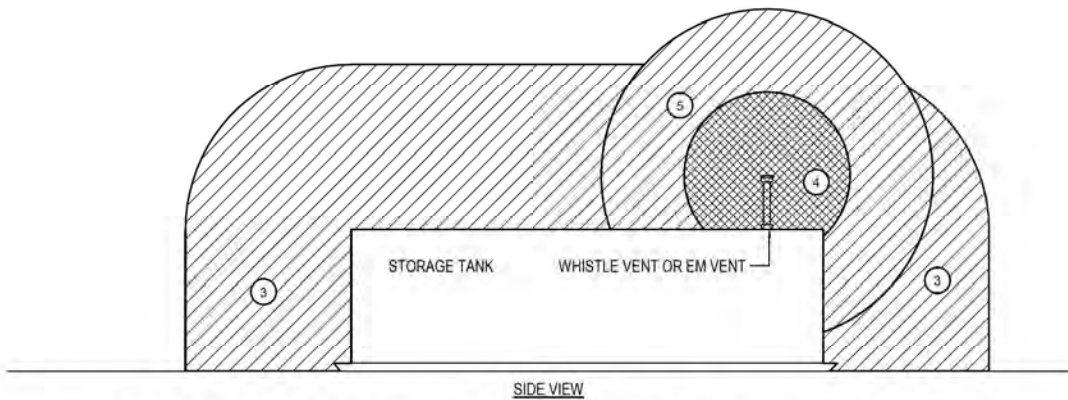
1

DATE _____ NOTE _____

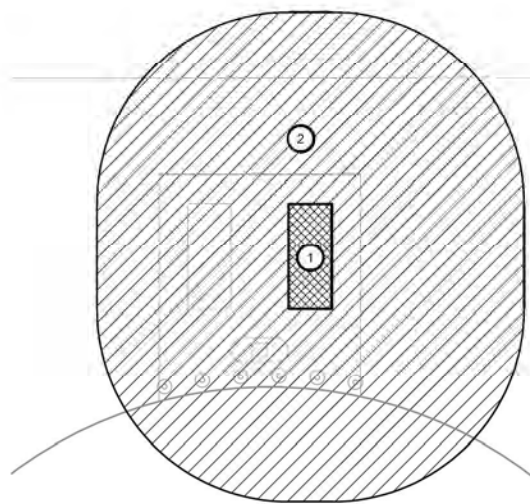
SHEET NO:
E403
7 of 9



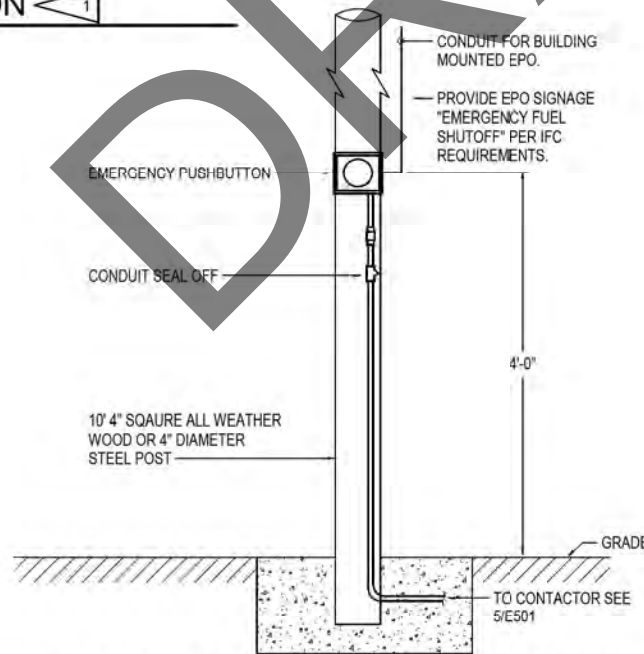
1 HAZARDOUS LOCATIONS - DISPENSER ELEVATION
NOT TO SCALE



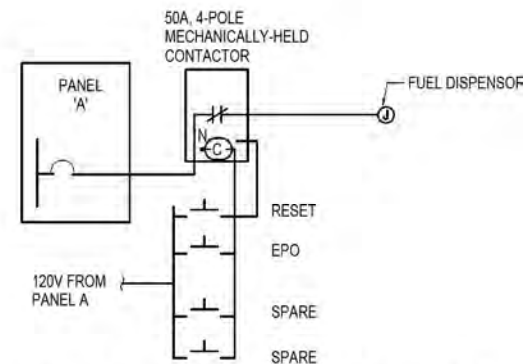
2 TYPICAL TANK HAZARDOUS BOUNDARY ELEVATION
NOT TO SCALE



3 FUEL HAZARD LOCATION
1" = 10'-0"



4 EXTERIOR PUSHBUTTON ELEVATION
NOT TO SCALE



5 EPO CONTACTOR DIAGRAM
NOT TO SCALE

SHEET NOTES:

- COORDINATE EXACT NUMBER OF VENTS AND LOCATION WITH TANKS PROVIDED.

HAZARDOUS LOCATIONS LEGEND

- CLASS 1, DIVISION 1
- CLASS 1, DIVISION 2
- UNCLASSIFIED

HAZARDOUS LOCATIONS

NO	DESCRIPTION OF LOCATIONS
1	ENTIRE SPACE WITHIN AND UNDER DISPENSER PIT OR CONTAINMENT
2	18" HORIZONTALLY FROM DISPENSER AND 18" AFG EXTENDING 20' HORIZONTALLY FROM DISPENSER.
3	10' FROM SHELL, ENDS, OR ROOF OF TANK; ALSO AREA INSIDE DIKE TO LEVEL OF TOP OF DIKE WALL.
4	VENT WITHIN 5' OF OPEN END OF VENT, EXTENDING IN ALL DIRECTIONS.
5	VENT - AREA BETWEEN 5' AND 10' OF OPEN END OF VENT, EXTENDING IN ALL DIRECTIONS.

ELECTRICAL LOAD CALCULATION			
PROJECT:	VETERANS CEMETARY		
DATE :	5/7/2025		
COMPUTED LOAD (NEC 220.10)			
BUILDING AREA	3,283	Sq. Ft.	
LIGHTING LOAD			
GENERAL LIGHTING FIRST FLOOR (CONNECTED)			1,357 VA
GENERAL LIGHTING FIRST FLOOR (AT 1.6 VA/SF)			5,253 VA
GREATER OF THE TWO LOADS ABOVE			5,253 VA
EXTERIOR LIGHTING			500 VA
TOTAL LIGHTING LOAD			5,753 VA
GENERAL RECPTACLE LOAD (PER 220.14)			
RECEPTACLE LOAD (NEC TABLE 220.44)			
RECEPS AT 180VA:	36	6,480 VA	
10,000 @ 100%			6,480
MISCELLANEOUS			
FRIDGE			900 VA
TELECOM CABINET			1500 VA
(3) GARAGE DOOR			3528 VA
TOTAL MISCELLANEOUS LOAD			5928 VA
NONCONTINUOUS MOTOR AND EQUIPMENT LOADS			
FUEL PUMP			528 VA
B-1,2			888 VA
BP-1,2			432 VA
CP-1A/B			1,584 VA
GT-1			50 VA
UH-1,6			1,872 VA
UH-7,8			312 VA
CUH-1			156 VA
CU-1			3,288 VA
CU-2			8,880 VA
VF-1			696 VA
CF-1			120 VA
EF-1,2,3			166 VA
ERV-1			1,114 VA
25% OF LARGEST MOTOR			2,220 VA
TOTAL MOTOR LOAD			18,972 VA
HEATING LOAD			
ESH-1,4			12,000 VA
HEAT TRACE			500 VA
25% OF HEATING LOAD			3,125 VA
TOTAL HEATING LOAD			15,625 VA
NET COMPUTED DEMAND LOAD:			
			52,757 VA
MINIMUM FEEDER/SERVICE SIZE FOR 120/240 V, SINGLE PHASE SERVICE:			
52,757 VA / 240V=			220 A

PANEL A

MFR/MODEL: SQUARE-D TYPE NQ				VOLTS: 120/240, 1Ø, 3W				ENCLOSURE: NEMA 1				400 A			
LOCATION: MECH 112				VOLT-AMPS				MOUNTING: RECESSED							
CKT	P	AMP	SERVICE	A		B		SERVICE	AMP	P	CKT				
1	1	20 A	LIGHTING	1080	0			FLAG POLE AND SITE LTG	20 A	1	2				
3	1	20 A	RECP RM 103			720	890	RECP RMS 100-102, EXT RECP, CUH-1	20 A	1	4				
5	1	20 A	TELECOM RACK	360	540			RECP RM 105	20 A	1	6				
7	1	20 A	RECP RM 109-111			720	720	RECP RM 104,107	20 A	1	8				
9	1	20 A	RECP RM 108	540	180			FRIDGE ROOM 108	20 A	1	10				
11	1	20 A	RECP RM 108 COUNTER			180	4440								
13				1644	4440			CU-2	40 A	2	12				
15	2	15 A	CU-1												
17	1	15 A	UH-5,6	500	600	1644	1000	UH-1,2,3,4	20 A	1	16				
19	1	20 A	RECP RM 113			720	557	HEAT TRACE	20 A	1	18	a			
21	1	20 A	RECP RM 114	360	557			ERV-1	20 A	2	20				
23	1	20 A	EXTERIOR GARGE RECP			540	0	SPARE	20 A	1	24	b			
25				396	661			B-2, & BP-2	20 A	1	26				
27	2	20 A	CP-1A,1B			396	661	B-1,BP-1	20 A	1	28				
29	1	20 A	VF-1	696	2592			DT-1	20 A	1	30				
31	1	20 A	GARAGE AND BUILDING LIGHTS			604	528	DIESEL FUEL DISPENSER	20 A	1	32				
33	1	20 A	GAS FUEL DISPENSER	528	0			SPARE	20 A	1	34	b			
35	1	20 A	GARAGE DOOR 1			1176	420	GT-1, RECP RM 112	20 A	1	36				
37	1	20 A	CF-1,2,3	330	180			COUNTER RECP 2 RM 108	20 A	1	38				
39	1	20 A	GARAGE DOOR 2			1176	6264								
41	1	20 A	GARAGE DOOR 3	1176	6285			PANEL B	20 A	2	40				
43	1	20 A	SPARE			0	0	SPARE	20 A	1	44				
45	1	20 A	SPARE	0	0			SPARE	20 A	1	46				
47	1	20 A	SPARE			0	0	SPARE	20 A	1	48				
49	1	--	SPACE	--	--			SPACE	--	1	50				
51	1	--	SPACE	--	--	--	--	SPACE	--	1	52				
53	1	--	SPACE	--	--			SPACE	--	1	54				
TOTAL V-A				23645		23356		47001 VA							
TOTAL AMPS				197		195		196 A							
A.I.C. RATING: 10kAIC															
TOTAL CONNECTED LOAD IN KVA				LTG	RECP	MOTR	MISC	KIT	HEAT	SPEC	TOTAL		AMPS		
DEMAND LOAD IN KVA				2.0	7.0	21.8	0.0	0.0	12.0	4.1	47.0 kVA		196 A		
				2.5	7.0	24.0	0.0	0.0	15.0	4.1	52.7 kVA		220 A		
PANEL NOTES:										PANEL OPTIONS					
a. PROVIDE 30mA EPD BREAKER CAPABLE OF BEING LOCKED IN THE OPEN POSITION.															
b. PROVIDE SHUNT TRIP.															

PANEL B

MFR/MODEL: SQUARE-D TYPE NQ				VOLTS: 120/240, 1Ø, 3W				ENCLOSURE: NEMA 1				225 A			
LOCATION: COMMITTAL SHELTER				VOLT-AMPS				MOUNTING: SURFACE							
CKT	P	AMP	SERVICE	A		B		SERVICE	AMP	P	CKT				
1				1500	1500			ESH-2	20 A	2	2				
3	2	20 A	ESH-1			1500	1500				4				
5				1500	1500			ESH-4	20 A	2	6				
7	2	20 A	ESH-3			1500	1500				8				
9	1	20 A	FRONT GATE LIGHTING	84	180			RECP RM 102	20 A	1	10				
11	1	20 A	SPARE			0	285	COMMITTAL SHELTER LTG	20 A	1	12				
13	1	20 A	SPARE	0	0			SPARE	20 A	1	14				
15	1	20 A	SPARE			0	0	SPARE	20 A	1	16				
17	1	20 A	SPARE	0	0			SPARE	20 A	1	18				
19	1	--	SPACE			--	--	SPACE	--	1	20				
21	1	--	SPACE	--	--			SPACE	--	1	22				
23	1	--	SPACE			--	--	SPACE	--	1	24				
25	1	--	SPACE	--	--			SPACE	--	1	26				
27	1	--	SPACE			--	--	SPACE	--	1	28				
29	1	--	SPACE	--	--			SPACE	--	1	30				
31	1	--	SPACE			--	--	SPACE	--	1	32				
33	1	--	SPACE	--	--			SPACE	--	1	34				
35	1	--	SPACE			--	--	SPACE	--	1	36				
37	1	--	SPACE	--	--			SPACE	--	1	38				
39	1	--	SPACE			--	--	SPACE	--	1	40				
41	1	--	SPACE	--	--			SPACE	--	1	42				
TOTAL V-A				6264		6285		12549 VA							
TOTAL AMPS				52		52		52 A							
A.I.C. RATING: 10kAIC															
				LTG	RECP	MOTR	MISC	KIT	HEAT	SPEC	TOTAL		AMPS		
TOTAL CONNECTED LOAD IN KVA				0.3	0.2	0.0	0.0	0.0	12.0	0.0	12.5 kVA		52 A		
DEMAND LOAD IN KVA				0.4	0.2	0.0	0.0	0.0	15.0	0.0	15.6 kVA		65 A		
PANEL NOTES:										PANEL OPTIONS					

95% DESIGN

INTERIOR ALASKA VETERANS
CEMETERY

DOT/PE Z80033000; DMVA ##

PANEL SCHEDULES AND LOAD
CALCULATION

SCALE: AS INDICATED
DRAWN BY: NDZ
PROJ. MGR:
ENGINEER: SE
DATE: 06/30/25

SHEET NO:
E601

9 of 9

DEPARTMENT OF
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FACILITIES



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DATE NOTE