

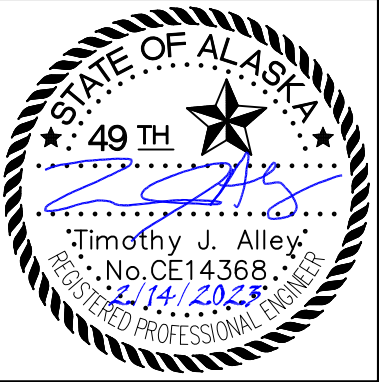
ABBREVIATIONS

ABS	ACRYLONITRILE BUTADIENE STYRENE, SCHEDULE 40	LIP	LIP OF CURB
ADEC	ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION	LT	LEFT
AL-MON	ALUMINUM MONUMENT	MAX	MAXIMUM
AWWA	AMERICAN WATER WORKS ASSOCIATION	MDD	MAXIMUM DRY DENSITY
AWG	AMERICAN WIRE GUAGE	MJ	MECHANICAL JOINT
AWWU	ANCHORAGE WATER & WASTEWATER	MIN	MINIMUM
APPROX	APPROXIMATE	#	NUMBER
BGS	BELOW GROUND SURFACE	NPT	NATIONAL PIPE THREAD
BOP	BOTTOM OF PIPE	NSF	NATIONAL SANITATION FOUNDATION
BLDG	BUILDING	OSHA	OCCUPATIONAL SAFETY AND HEATH ADMINISTRATION
¢	CENTERLINE	OC	ON CENTER
CMP	CORRUGATED METAL PIPE	O&M	OPERATIONS AND MAINTENANCE
CONST	CONSTRUCT	ORIG	ORIGINAL
COW	CITY OF WASILLA	PFD	PALMER FIRE DEPARTMENT
DIA/ø	DIAMETER	PVC	POLYVINYL CHLORIDE
DIP	DUCTILE IRON PIPE	PSI	POUNDS PER SQUARE INCH
ELEV	ELEVATION	PL/¢	PROPERTY LINE
EX	EXISTING	RT	RIGHT
FT	FOOT	ROW	RIGHT-OF-WAY
F&I	FURNISH AND INSTALL	SSMH	SANITARY SEWER MANHOLE
FG	FINAL GRADE	SCH	SCHEDULE
FH	FIRE HYDRANT	SP	SINGLE PUMPER
GALVS	GALVANIZED STEEL	SF	SQUARE FEET/FOOT
GV	GATE VALVE	SS	STAINLESS STEEL
HDPE	HIGH DENSITY POLYETHYLENE PIPE	STD	STANDARD/STANDARDS
HMWPE	HIGH MOLECULAR WEIGHT POLYETHYLENE	STA	STATION
H	HORIZONTAL	TBC	TOP BACK OF CURB
IAW	IN ACCORDANCE WITH	TBM	TEMPORARY BENCHMARK
IE	INVERT ELEVATION	TH	TEST HOLE
IN	INCH/INCHES	TOP	TOP OF PIPE
INV	INVERT	VB	VALVE BOX
IPS	IRON PIPE SIZE	V	VERTICAL
L-POLE	LIGHT POLE	W/	WITH
LF	LINEAR FOOT/FEET	YPC	YELLOW PLASTIC CAP

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE INSTALLED AS SPECIFIED IN THE CITY OF WASILLA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE MOST CURRENT EDITION OF THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS (MASS).
- NO WORK SHALL BE BURIED NOR CONCEALED PRIOR TO BEING INSPECTED AND ACCEPTED BY THE CITY OF WASILLA. CONTRACTOR SHALL COORDINATE WITH PUBLIC WORKS DEPARTMENT REGARDING SCHEDULING OF INSPECTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS. THIS RESPONSIBILITY INCLUDES CONTACTING UTILITY COMPANIES FOR LOCATIONS OR POT HOLING PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WATER PIPE, FITTINGS AND APPURTENANCES SHALL BE NSF 61 CERTIFIED. ALL DISINFECTANTS SHALL BE NSF 60 CERTIFIED.
- ALL WATER AND SANITARY SEWER MAINS SHALL BE PRESSURE TESTED AS PRESCRIBED IN DCPM.
- DO NOT CONSTRUCT WATER AND SANITARY OR STORM SEWER IN THE SAME TRENCH.
- MAINTAIN A MIN OF 10’ H AND 18” V (AT CROSSINGS) SEPARATION BETWEEN WATER AND SANITARY SEWER MAINS AND SERVICES. WATERLINE PIPE JOINTS SHALL BE PLACED AT LEAST 9’ H FROM ANY SANITARY AND STORM SEWER PIPE JOINTS INCLUDING WELDED JOINTS.
- MAINTAIN A MIN OF 10’ H FROM WATER LINE AND OUTSIDE EDGE OF SANITARY SEWER MANHOLES.
- IN LOCATIONS WHERE THE WATER PIPE PASSES UNDER A SANITARY OR STORM SEWER PIPE, USE AWWA C600-05 TYPE 4 OR 5 BEDDING.
- WITHIN 10 FT OF CROSSING A WATER PIPE, SANITARY AND STORM SEWER PIPE SHALL BE CONSTRUCTED IN A MANNER EQUIVALENT TO THE WATER LINE. THEY SHALL BE PRESSURE TESTED TO ENSURE WATER TIGHTNESS PER MASS SECTION 60 ARTICLE 2.5 OR ENCASED IN A PIPE WITH EQUAL OR BETTER STRENGTH.
- ALL WATER/SEWER PIPE INSULATION SHALL BE 4’ WIDE BY 8’ LONG RIGID BOARD, HIGH DENSITY EXTRUDED POLYSTYRENE, MIN 60 PSI, FOR UNDERGROUND INSTALLATIONS EQUIVALENT TO R-20 PER 4” THICK INSULATION.
- UTILITY OUTAGES SHALL BE COORDINATED WITH COOK INLET HOUSING AUTHORITY AND VALLEY RESIDENTIAL SERVICES. OUTAGES SHALL BE LIMITED TO 6 HOURS.
- CONTRACTOR SHALL VERIFY AND RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, DISTURBED BY CONTRACT ACTIVITIES TO PRE-CONSTRUCTION CONDITION.
- IN CASE OF CONFLICT BETWEEN STATIONING LOCATION OF PIPE OR FITTINGS, USE DIMENSIONED LOCATIONS RELATIVE TO THE CENTERLINE AND PROPERTY LINE, THE DIMENSIONED LOCATIONS SHALL GOVERN.
- THE CONTRACTOR SHALL RECORD SURVEY NOTES IN A FORMAT SIMILAR TO THAT SHOWN IN MASS, DIVISION 65 FOR SUBMITTAL WITH RECORD DRAWING PLANS PRIOR TO CONTRACT FINAL PAYMENT.
- CONTRACTOR SHALL FIELD INSTALL RESTRAINED FITTINGS ON ALL MECHANICAL JOINTS.
- CONTRACTOR IS RESPONSIBLE FOR THE SITE’S SWPPP AND CGP COMPLIANCE. CONTRACTOR SHALL COMPLETE A SWPPP SUBCONTRACTORS’ CERTIFICATION FORM. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING HAUL ROUTES, PAVED OR UNPAVED, ON THE PROJECT OR OFF AND ALL OTHER AREAS EFFECTED BY CONTRACTOR’S OWN OPERATIONS AS REQUIRED BY THE SWPPP AND/OR COW CODE.
- FINISH GRADE (FG) REPRESENTS THE ELEVATION OF THE FINISHED SURFACE. THIS INCLUDES LANDSCAPE AREAS, PAVED OR CONCRETE SURFACES, ROCK RIP-RAP SURFACE AND ELEVATION AT EXTERIOR OF STRUCTURE FOUNDATION, UNLESS OTHERWISE DENOTED ON DETAIL OR SPECIAL LABEL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST SUBGRADE OR TOPSOIL TO ALLOW FOR FINISHED SURFACE MATERIAL DIMENSIONS. IF DETAIL IS PROVIDED FOR SPECIAL AREA, DETAIL SHALL DENOTE FINISH GRADES.
- COLD BEND HDPE PIPE PER MANUFACTURES RECOMMENDATIONS OR DCPM.
- REFER TO MASS DIVISION 70 FOR SIGNAGE INSTALLATION DETAILS.
- CONTRACTOR SHALL PROVIDE ACCESS TO THE PHASE 1 PORTION OF THE PROPERTY AT ALL TIMES. WHEN CONSTRUCTION ACTIVITIES REQUIRE THE TEMPORARY CLOSURE OF THE EXISTING APPROACH, CONTRACTOR SHALL GIVE PRIOR NOTICE TO COOK INLET HOUSING AUTHORITY AND VALLEY RESIDENTIAL SERVICES, AND PROVIDE AN ALTERNATIVE ACCESS ROUTE TO THE PROPOSED APPROACH. ADEQUATE SIGNAGE AND BARRIERS ARE REQUIRED DURING TEMPORARY APPROACH CLOSURE.
- SCOPE OF WORK INCLUDES REMOVAL OF PAVEMENT AND REGRADING OF EXISTING ACCESS ROAD. NEW ROAD GRADING AND PAVEMENT MUST BE COMPLETED WITHIN 1 MONTH OF ASPHALT REMOVAL UNLESS APPROVED BY THE OWNER. ROAD MAY BE CLOSED FOR NO MORE THAN 24 HOURS AT A TIME AND MUST BE RESTORED TO A SAFE DRIVING SURFACE PRIOR TO REOPENING

CIVIL SHEET INDEX	
SHEET NO.	SUBJECT
C1	CIVIL NOTES, & KEY MAPS
C2	LEGEND
C3	OVERALL SITE PLAN
C4-C5	GRADING PLAN
C6	LINE, CURVE & GRADING POINT TABLES
C7	APPROACH AND INTERIOR ROAD PROFILE
C8	WATER MAIN PLAN AND PROFILE
C9-C10	SEWER MAIN PLAN AND PROFILE
C11-C13	DETAILS



VRS
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	ADDENDUM #2	03.09.2023

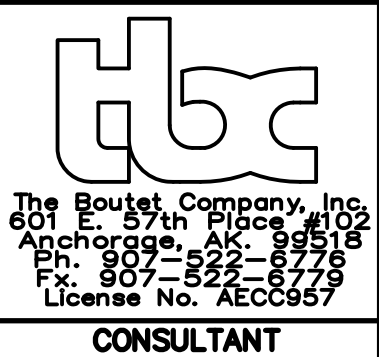
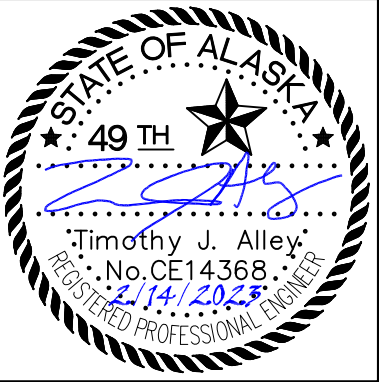
JOB NO.	22-062
DATE	02.10.2023
DRAWN	HJH
REVIEWED	TJA

SHEET NAME
GENERAL NOTES & ABBREVIATIONS

SHEET NO.
C1



Know what's below.
Call before you dig.



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SHEET NAME
LEGEND

SHEET NO.
C2

ROADWAY

	EXISTING	PROPOSED
EDGE OF PAVEMENT		
LIMIT OF CUT SLOPE & FILL SLOPE		
GRAVEL EDGE		
DRIVEWAY APPROACH		
SIDEWALK AND PATH/TRAIL		
CONCRETE CURB & GUTTER		
CONCRETE CURB CUT		
PARALLEL CURB RAMP PERPENDICULAR CURB RAMP		
UNIDIRECTIONAL CURB RAMP & MID-BLOCK CURB RAMP		
DETECTABLE WARNING TILE		
BRIDGE		
TUNNEL		
GUARDRAIL		
END & PARALLEL END SECTIONS		
ROADWAY OBLITERATION		
FENCE		
STONE FENCE		
NOISE BARRIER		
RETAINING WALL		
HEADWALL & WINGWALL		
BOTTOM OF DITCH		
SPECIAL DITCH		
FLAT BOTTOM DITCH		
BERM		
RIPRAP		
BOULDER OR BOULDERS		
PRIVATE SIGN, MAILBOX		
POST, BOLLARD		

UTILITIES

	EXISTING	PROPOSED
STORM DRAIN		
STORM DRAIN MANHOLE, CLEANOUT		
CURB INLET CATCH BASIN FIELD INLET CATCH BASIN		
PIPE CULVERT WITH END SECTION		
SANITARY SEWER		
SANITARY SEWER MANHOLE, CLEANOUT		
SEPTIC VENT, SEWER SERVICE CONNECTION		
WATER		
FIRE HYDRANT, VALVE OR RISER		
WELL, WATER SERVICE CONNECTION		
NATURAL GAS		
OIL OR GASOLINE PIPELINE		
TANKS (ABOVE GROUND, UNDERGROUND)		
ELECTRIC		
UTILITY POLE, POLE WITH LUMINAIRE		
GUY POLE, GUY WIRE ANCHOR		
TRANSMISSION TOWER (WOOD, STEEL)		
ELECTRIC PEDESTAL, TRANSFORMER		
ELECTRIC MANHOLE, METER		
ELECTRIC OUTLET, LANDSCAPE LIGHT		
TELEPHONE		
TELEPHONE MANHOLE, PEDESTAL		
FIBER OPTIC		
FIBER OPTIC MANHOLE		
CABLE TV		
CABLE TV PEDESTAL, SATELLITE DISH		
UNDERGROUND DUCT, UTILIDOR (ELECTRIC, TELEPHONE, FIBER OPTIC)		
VENT		

TRAFFIC

	EXISTING	PROPOSED
LOAD CENTER		
TRAFFIC & BEACON CONTROLLER		
TYPE 1A, II, III, IV JUNCTION BOX		
FIBER OPTIC VAULT		
ELECTROLIER		
HIGHTOWER		
SIGNAL POLE WITH MASTARM		
PEDESTRIAN PUSH BUTTON & SIGNAL		
VEHICULAR SIGNAL		
VEHICULAR SIGNAL LEFT & RIGHT		
OPTICAL, CAMERA, RADAR, AND GPS DETECTOR		
LOOP DETECTOR		
COMMUNICATION ANTENNA		
MASTARM BEACON		
RURAL & SCHOOL ZONE BEACON		
LOOP DETECTOR CONDUIT		
SIGNAL CONDUIT		
LIGHTING CONDUIT		
SIGNAL & LIGHTING CONDUIT		
CONDUIT BORING		
CONDUIT SIZE IN INCHES		
INTERCONNECT		
SIGN POST		

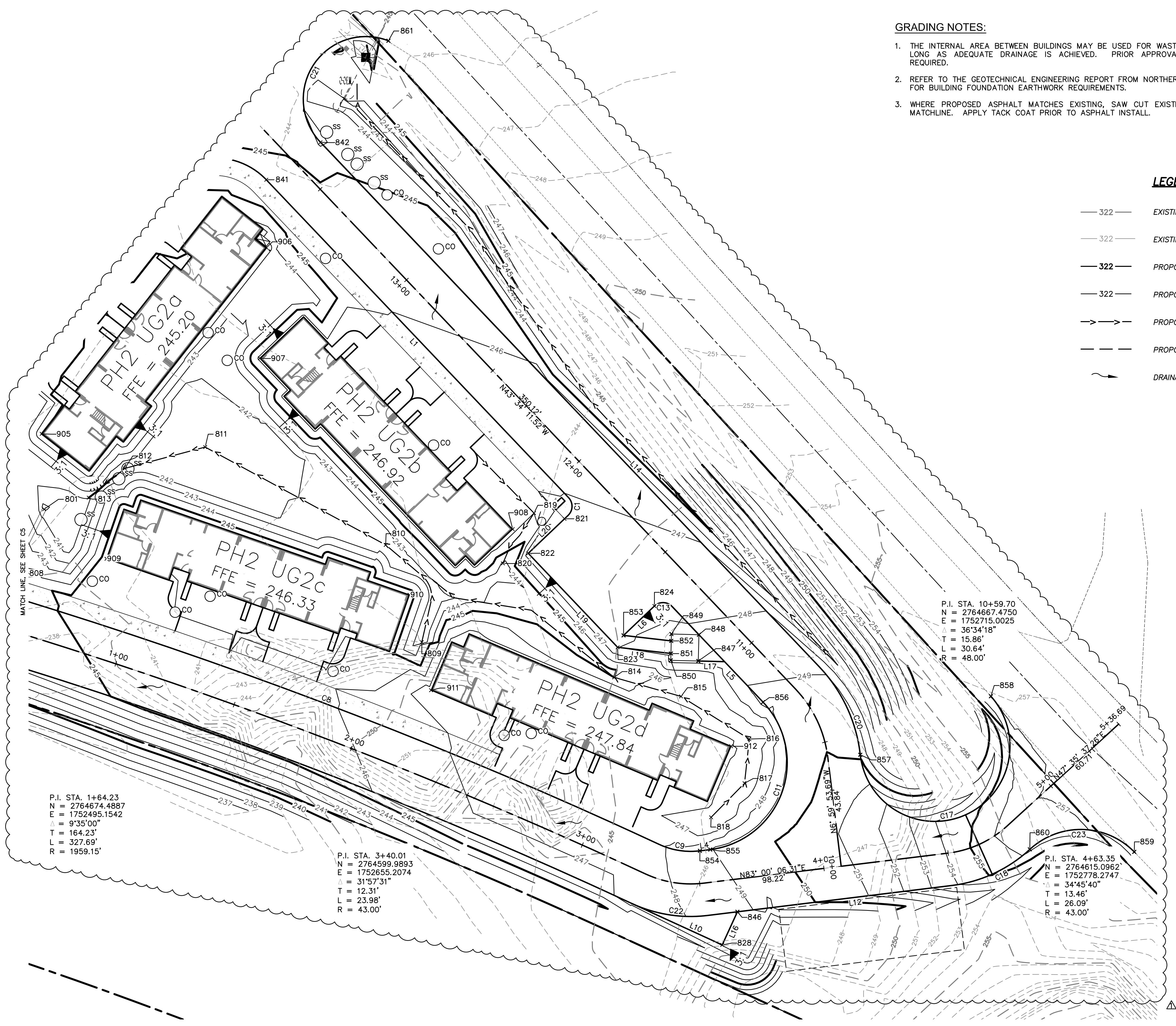
PAVEMENT MARKINGS

	PROPOSED
PROJECT CENTERLINE	
8" & 4" WHITE SOLID STRIPE	
4" WHITE SKIP STRIPE 10' STRIPES AND 30' SPACES	
8" WHITE LANE GUIDE SKIP	

TOPOGRAPHY

	EXISTING	PROPOSED
LAKE OR POND, WETLANDS		
TREE (CONIFER/DECIDUOUS) TREELINE (EDGE OF VEGETATION)		
PLANTER		
BUILDING OR FOUNDATION		
CONTOUR, MAJOR OR MINOR		
DRAINAGE FLOW		
CREEK (CENTERLINE)		
RIVER (EDGE OF WATER)		



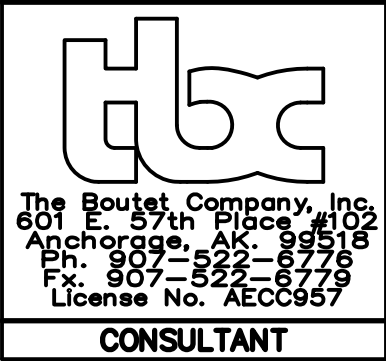
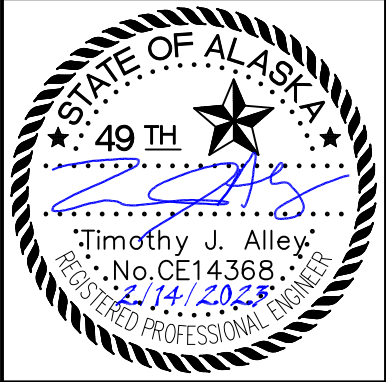
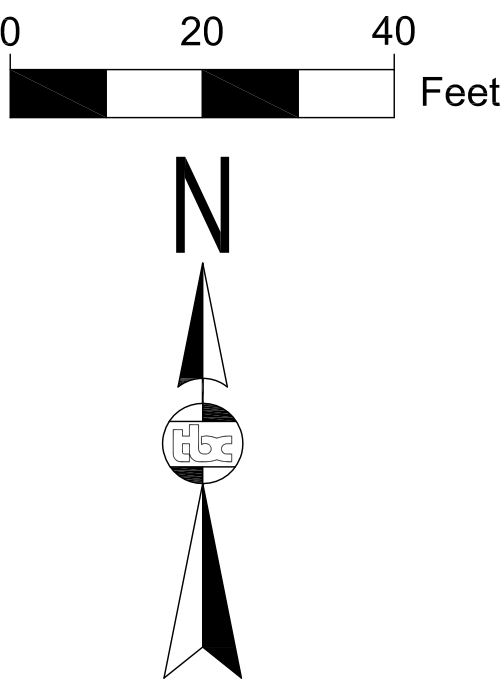


GRADING NOTES:

1. THE INTERNAL AREA BETWEEN BUILDINGS MAY BE USED FOR WASTING OF UNSUITABLE MATERIAL, AS LONG AS ADEQUATE DRAINAGE IS ACHIEVED. PRIOR APPROVAL FROM THE ENGINEER WILL BE REQUIRED.
2. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FROM NORTHERN GEOTECHNICAL ENGINEERING, INC. FOR BUILDING FOUNDATION EARTHWORK REQUIREMENTS.
3. WHERE PROPOSED ASPHALT MATCHES EXISTING, SAW CUT EXISTING ASPHALT TO PROVIDE CLEAN MATCHLINE. APPLY TACK COAT PRIOR TO ASPHALT INSTALL.

LEGEND:

- 322 — EXISTING MAJOR CONTOUR AND LABEL
- - - 322 - - - EXISTING MINOR CONTOUR AND LABEL
- 322 — PROPOSED MAJOR CONTOUR AND LABEL
- - - 322 - - - PROPOSED MINOR CONTOUR AND LABEL
- >->- PROPOSED DITCH LINE
- - - PROPOSED GRADE BREAK
- ~> DRAINAGE ARROW



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OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

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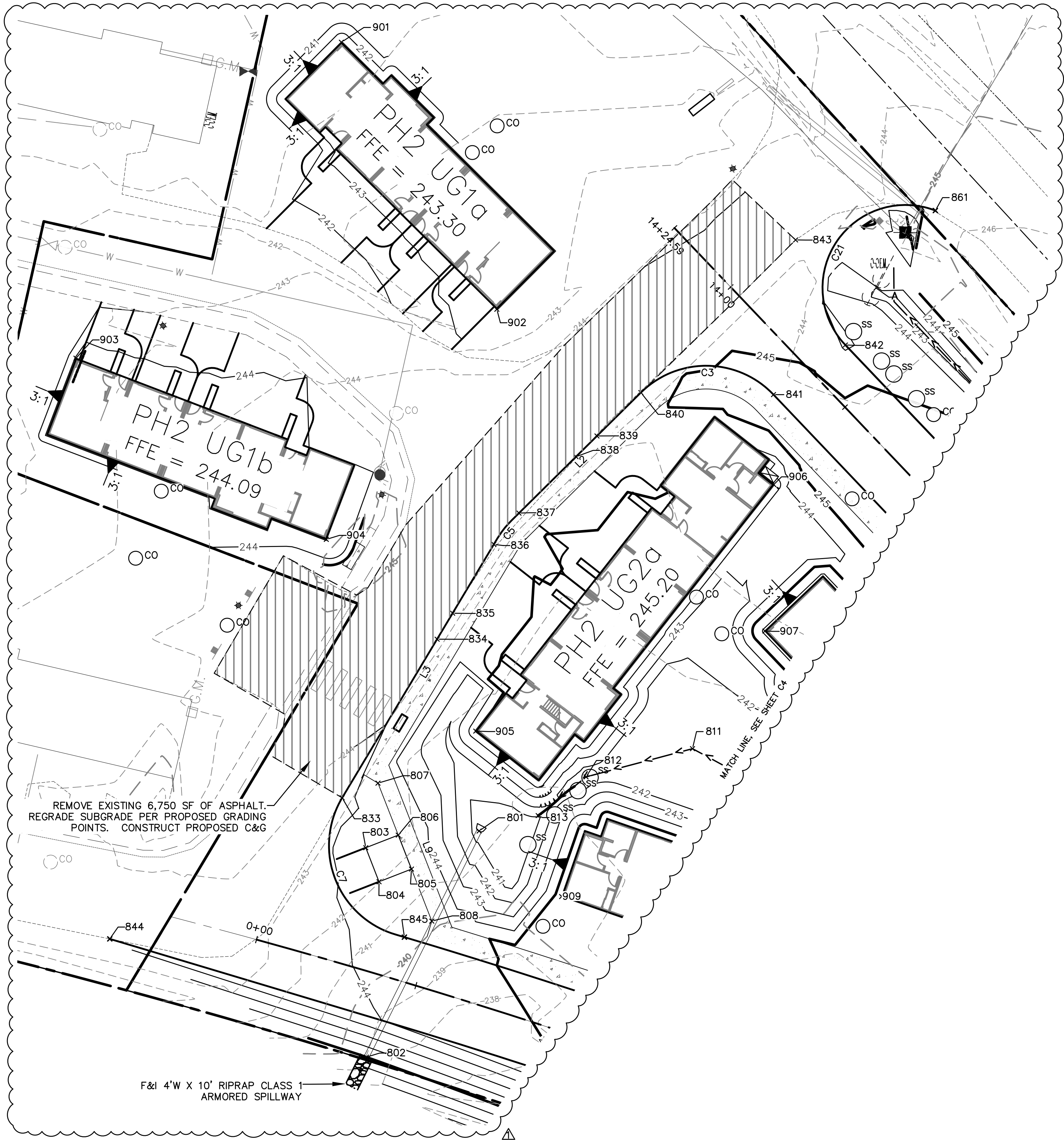
JOB NO.	22-062
DATE	02.10.2023
DRAWN	HJH
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SHEET NAME	GRADING PLAN
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SHEET NO.	C4
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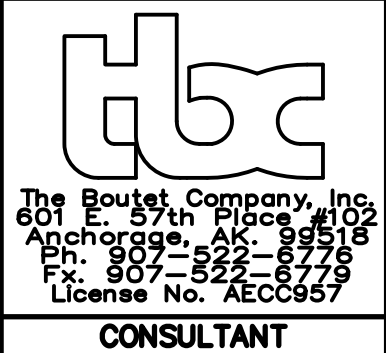
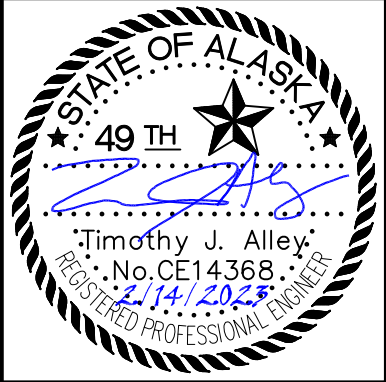
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LEGEND:

- 322 — EXISTING MAJOR CONTOUR AND LABEL
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SHEET NAME
GRADING PLAN

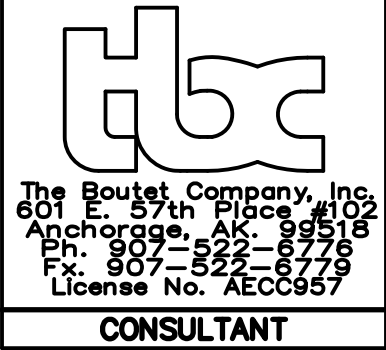
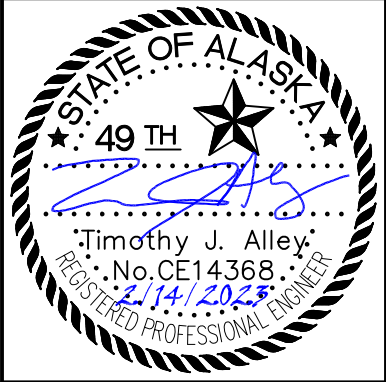
SHEET NO.
C5

LINE TABLE		
LINE #	LENGTH	BEARING
L1	175.21	N43° 34' 11.52"W
L2	54.81	S45° 18' 43.87"W
L3	91.02	S30° 53' 23.43"W
L4	4.17	N83° 00' 06.31"E
L5	52.72	N43° 34' 11.52"W
L6	17.00	S46° 25' 48.48"W
L9	52.47	S21° 17' 09.61"E
L10	39.83	S65° 22' 23.00"E
L12	98.22	S83° 00' 06.31"W
L14	289.01	S43° 34' 11.52"E
L16	14.56	S24° 37' 37.00"W
L17	10.50	N88° 34' 11.52"W
L18	21.43	S83° 23' 40.59"E
L19	51.81	N43° 34' 11.52"W
L20	22.00	N46° 25' 48.48"E

CURVE TABLE						
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH	
C1	7.85	5.00	90.00	N1° 25' 48"E	7.07	
C3	44.53	28.00	91.12	N89° 07' 44"W	39.98	
C5	7.05	28.00	14.42	S38° 06' 04"W	7.03	
C7	51.00	28.00	104.35	S21° 17' 10"E	44.23	
C8	289.90	1972.15	8.42	S69° 15' 03"E	289.64	
C9	16.73	30.00	31.96	S81° 01' 08"E	16.52	
C11	77.32	35.00	126.57	N19° 42' 57"E	62.53	
C13	7.85	5.00	90.00	N88° 34' 12"W	7.07	
C17	112.72	30.00	215.29	N65° 53' 04"E	57.18	
C18	34.88	56.00	35.69	S65° 09' 28"W	34.32	
C20	39.50	61.00	37.10	S25° 01' 15"E	38.81	
C21	67.50	25.00	154.70	S33° 46' 42"W	48.79	
C22	31.24	56.00	31.96	S81° 01' 08"E	30.83	
C23	46.49	30.00	88.79	N88° 17' 21"W	41.98	

GRADING POINT TABLE				
POINT #	DESCRIPTION	ELEVATION	NORTHING	EASTING
801	12" CPEP I.E.	240.51	2764750.7878	1752403.8932
802	12" CPEP O.E.	240.00	2764682.6088	1752369.9309
803	TRASH ENCLOSURE	244.20	2764745.7422	1752369.7428
804	TRASH ENCLOSURE	244.38	2764735.4927	1752373.7361
805	TRASH ENCLOSURE	244.48	2764739.3044	1752383.5197
806	TRASH ENCLOSURE	244.30	2764749.5540	1752379.5265
807	SIDEWALK	244.28	2764765.2226	1752373.4220
808	SIDEWALK	244.69	2764723.6102	1752389.6342
809	SWALE	242.04	2764697.7128	1752554.7538
810	SWALE	242.70	2764736.5576	1752540.3145
811	SWALE	241.25	2764775.6148	1752468.2171
812	SWALE	241.19	2764767.1040	1752436.1312
813	SWALE	241.13	2764755.4323	1752421.6977
814	SWALE	245.00	2764683.6477	1752631.5732
815	SWALE	246.72	2764676.0506	1752658.2919
816	SWALE	246.09	2764659.0213	1752685.5903
817	SWALE	246.17	2764641.3736	1752683.6710
818	SWALE	246.40	2764627.7662	1752670.3160
819	SWALE	246.00	2764749.2519	1752599.5741
820	SWALE	243.87	2764729.1824	1752587.1437
821	EOP	247.18	2764746.9842	1752611.7627
822	EOP	247.48	2764733.1994	1752597.2720
823	EOP	247.99	2764695.6605	1752632.9823
824	EOP	247.65	2764712.1360	1752647.6737
828	TRASH ENCLOSURE	248.11	2764576.8031	1752674.7632
833	EOP, ASPHALT REMOVAL LIMITS	243.75	2764760.8007	1752362.6195
834	EOP	244.32	2764808.6226	1752391.2531
835	EOP	244.41	2764816.4569	1752395.9336
836	EOP	244.65	2764837.2280	1752408.3433
837	EOP	244.75	2764846.6462	1752415.9145
838	EOP	244.87	2764863.6567	1752433.1114
839	EOP	244.78	2764869.8983	1752439.4214
840	EOP	244.60	2764882.9838	1752452.6503
841	EOP	245.35	2764882.3759	1752492.6281
842	EOP	243.89	2764897.3284	1752514.2891
843	ASPHALT REMOVAL LIMITS	244.68	2764929.0100	1752499.2800
844	EOP	243.38	2764718.2550	1752292.5750
845	EOP	244.51	2764718.7793	1752381.3753
846	EOP	248.75	2764590.0369	1752680.8297
847	TRASH ENCLOSURE PAD	248.28	2764690.1917	1752665.2025
848	TRASH ENCLOSURE PAD	248.18	2764700.6884	1752665.4646
849	TRASH ENCLOSURE PAD	248.26	2764700.9629	1752654.4680
850	TRASH ENCLOSURE PAD	248.31	2764690.4662	1752654.2060
851	EOP	248.28	2764693.1949	1752654.2741
852	EOP	248.28	2764698.2138	1752654.3994
853	EOP	247.90	2764700.4189	1752635.3566
854	EOP	248.79	2764614.3927	1752665.8451
855	EOP	248.96	2764614.9007	1752669.9837
856	EOP	249.27	2764673.7633	1752691.0780
857	EOP	249.82	2764652.7591	1752729.9040
858	EOP	257.07	2764676.1205	1752782.0913
859	EOP	257.65	2764613.9650	1752839.3650
860	EOP	256.20	2764614.9716	1752797.6435
861	EOP	245.64	2764937.8790	1752541.4133

BUILDING CORNER TABLE			
POINT #	BUILDING	NORTHING	EASTING
901	UG1a	2764988.6245	1752362.3833
902	UG1a	2764908.1075	1752409.2370
903	UG1b	2764893.3526	1752282.3851
904	UG1b	2764838.7155	1752357.8375
905	UG2a	2764780.9135	1752402.8850
906	UG2a	2764855.2349	1752492.7160
907	UG2b	2764811.0881	1752490.0531
908	UG2b	2764742.8439	1752591.0591
909	UG2c	2764731.0268	1752428.7778
910	UG2c	2764716.6331	1752549.8245
911	UG2d	2764678.5226	1752558.4552
912	UG2d	2764656.1642	1752678.2867



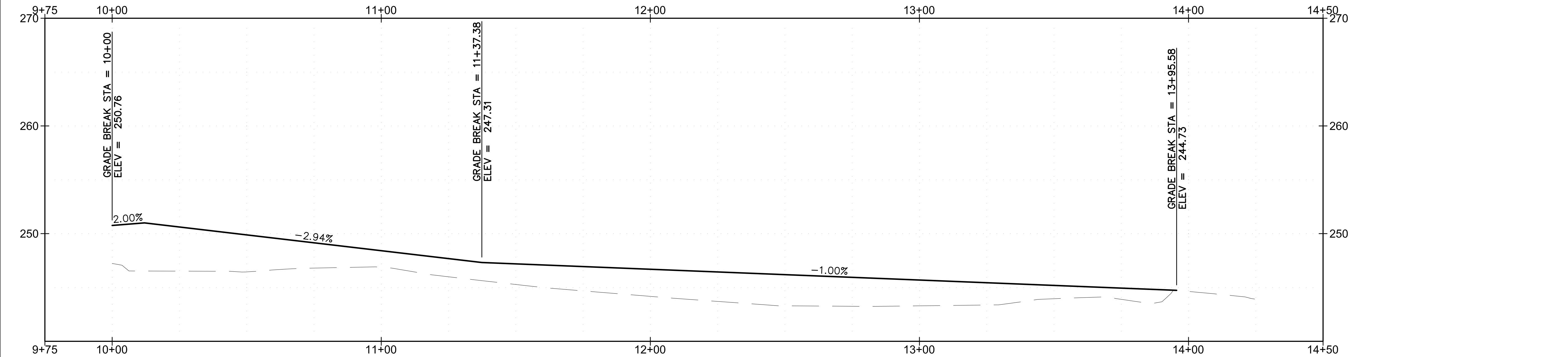
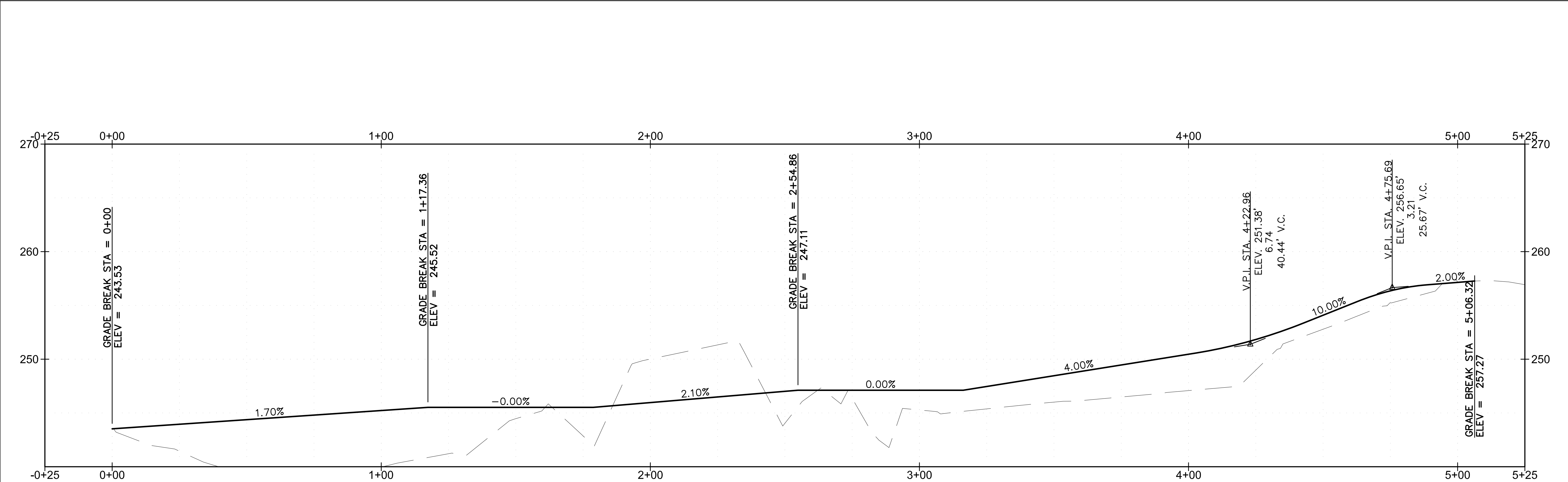
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PHASE 2

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	ADDENDUM #2	03.09.2023

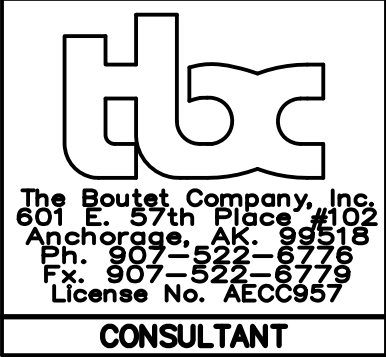
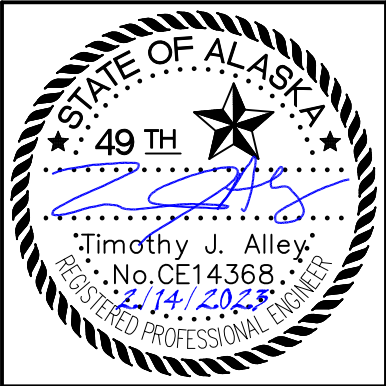
JOB NO.	22-062
DATE	02.10.2023
DRAWN	HJH
REVIEWED	TJA

SHEET NAME
LINE, CURVE & GRADING POINT TABLES

SHEET NO.
C6



INTERIOR ACCESS ROAD PROFILE



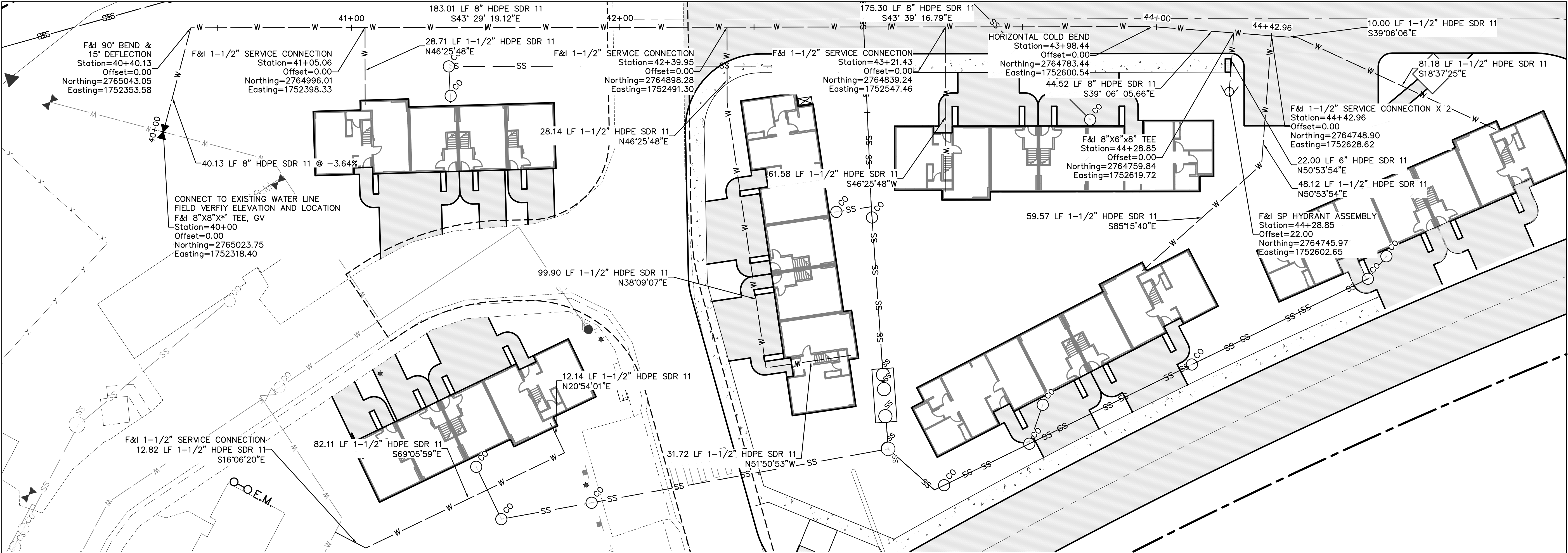
VRS
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	ADDENDUM #2	03.09.2023

JOB NO.	22-062
DATE	02.10.2023
DRAWN	HJH
REVIEWED	TJA

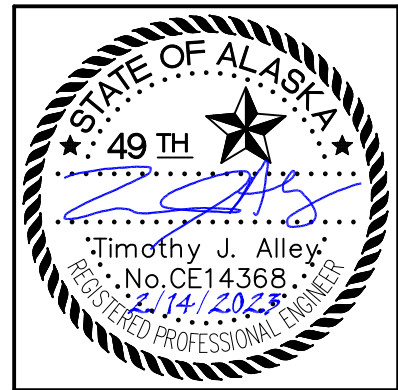
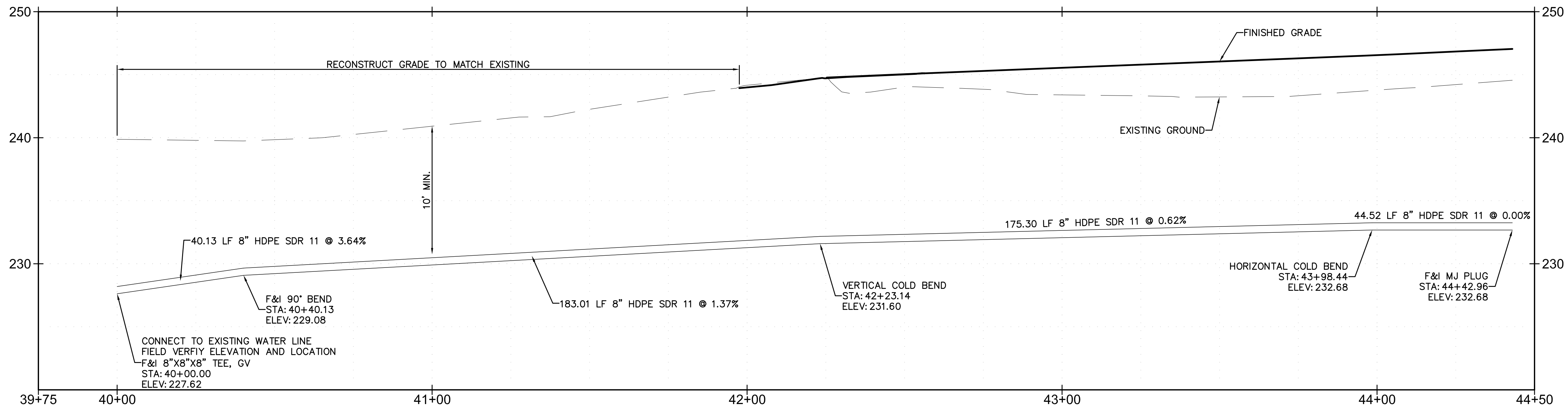
SHEET NAME
APPROACH &
INTERIOR ROAD
PROFILES

SHEET NO.
C7



WATER NOTES:

1. WATER SERVICES TO TERMINATE 3' ABOVE FINISH FLOOR ELEVATIONS.



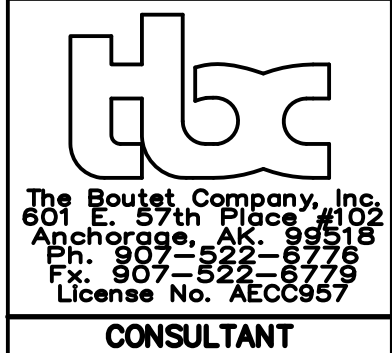
VRS
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	ADDENDUM #2	03.09.2023

JOB NO. 22-062
DATE 02.10.2023
DRAWN HJH
REVIEWED TJA

SHEET NAME
**WATER MAIN PLAN
AND PROFILE**

SHEET NO.
C8



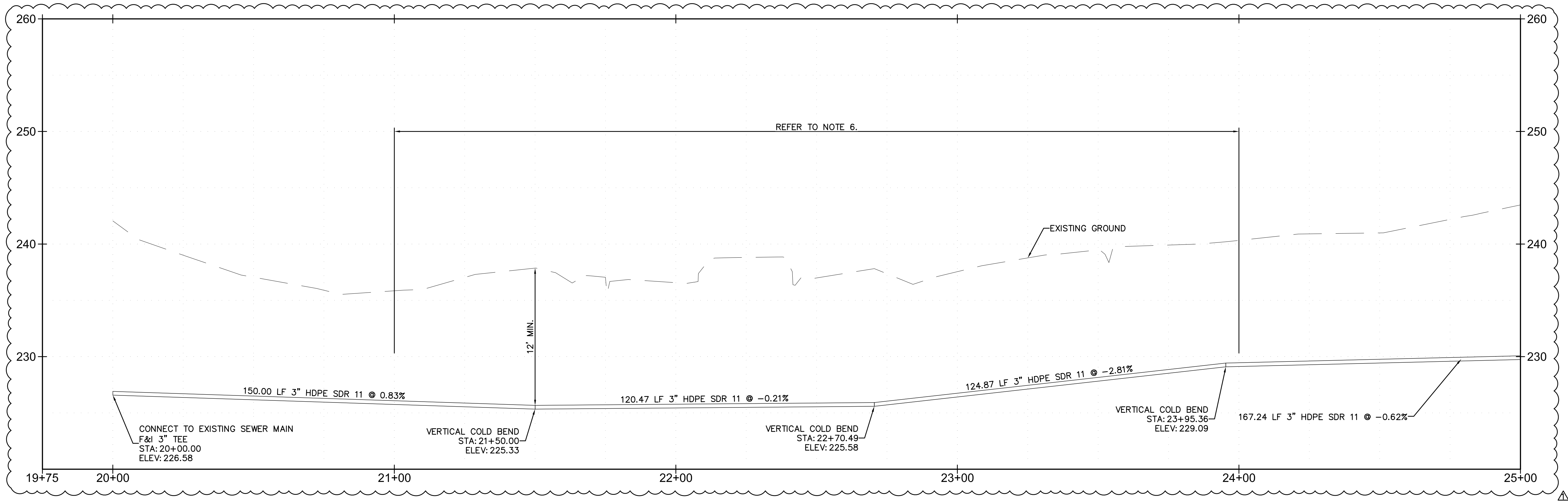
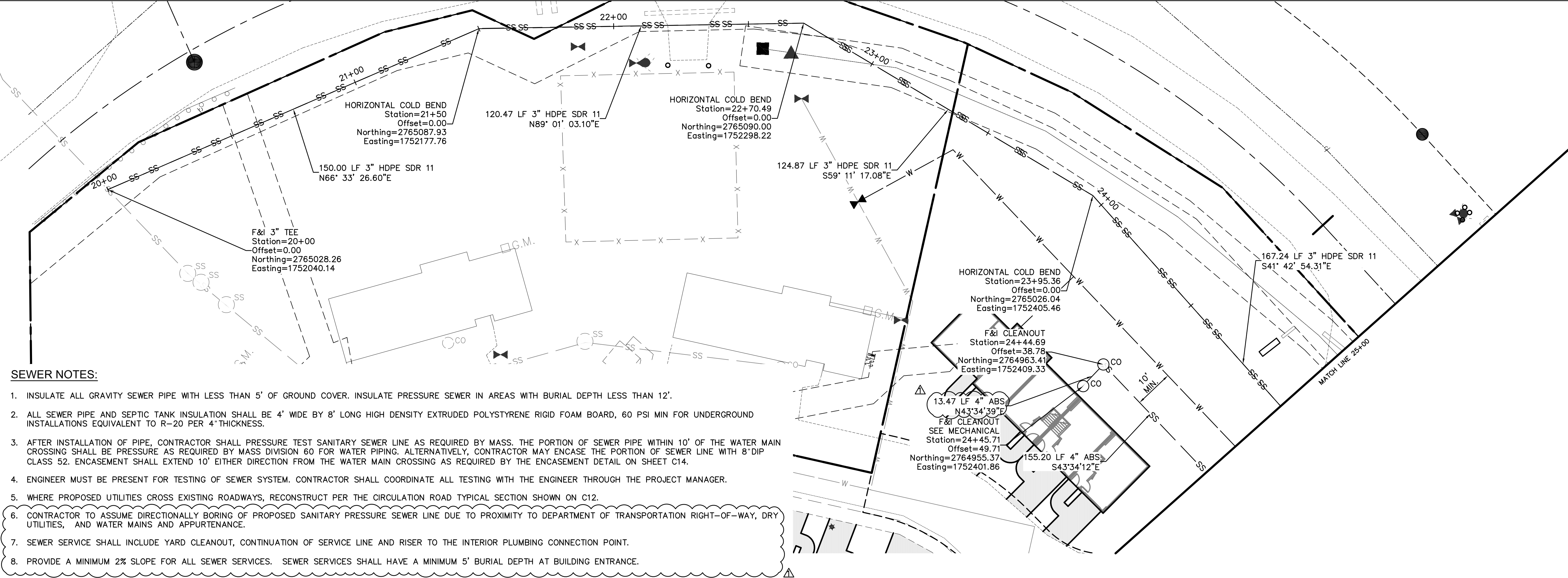
VRS
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

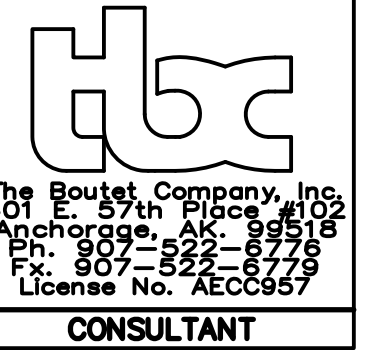
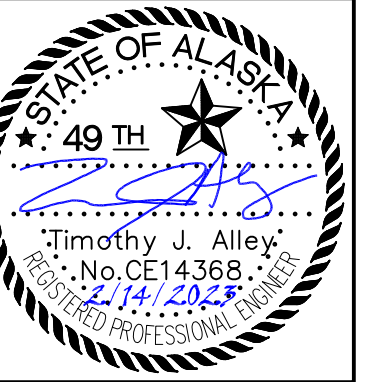
REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	ADDENDUM #2	03.09.2023

JOB NO.	22-062
DATE	02.10.2023
DRAWN	HJH
REVIEWED	TJA

SHEET NAME	
SEWER MAIN PLAN AND PROFILE	

SHEET NO.	
C9	





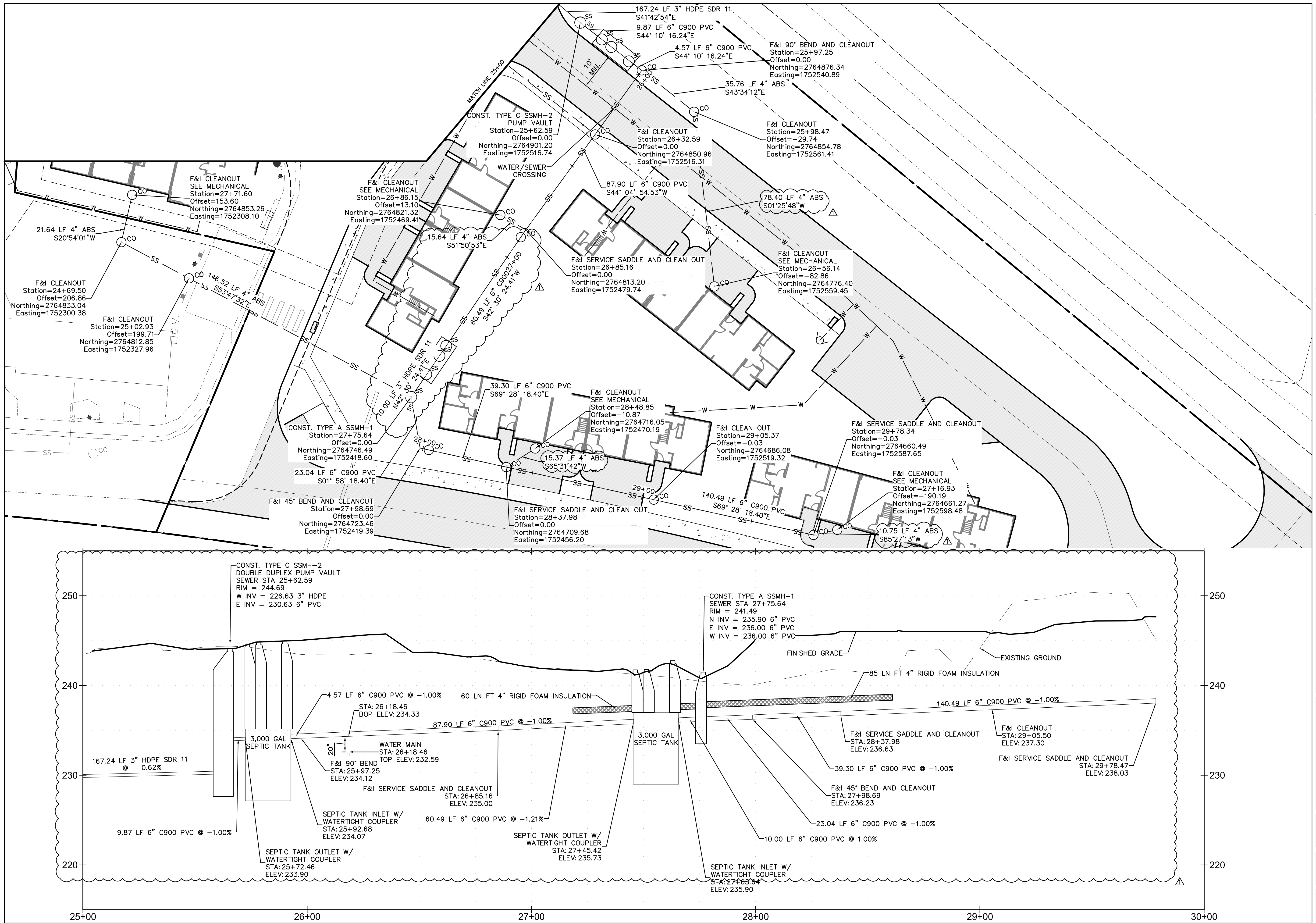
VRS
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

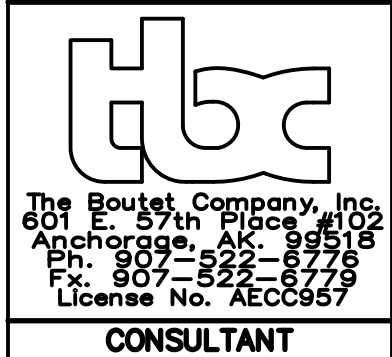
REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	ADDENDUM #2	03.09.2023

JOB NO. 22-062
DATE 02.10.2023
DRAWN HJH
REVIEWED TJA

SHEET NAME
SEWER MAIN PLAN
AND PROFILE

SHEET NO.
C10





VRS
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	ADDENDUM #2	03.09.2023

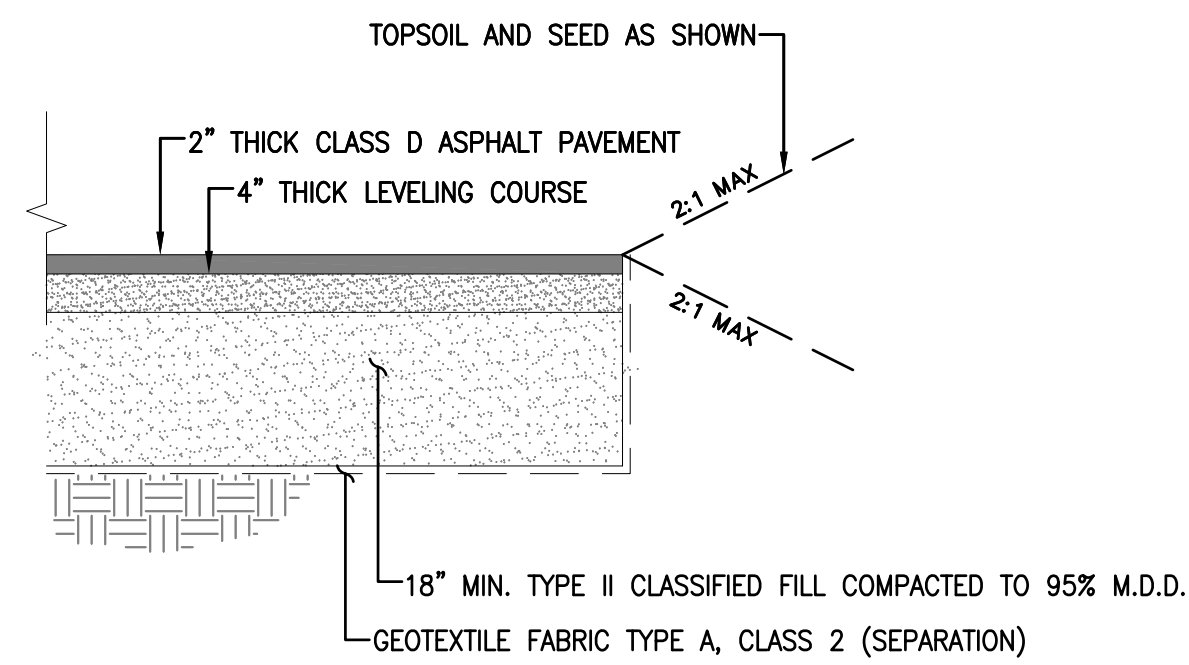
JOB NO.	22-062
DATE	02.10.2023
DRAWN	HJH
REVIEWED	TJA

SHEET NAME	DETAILS
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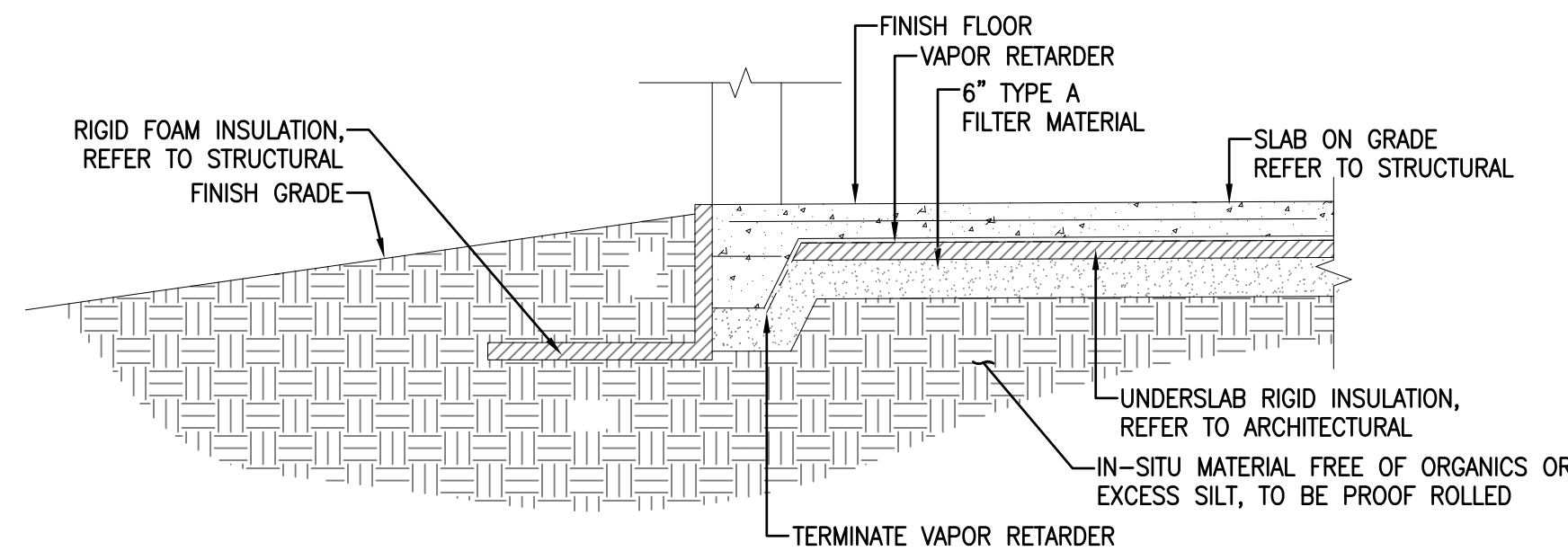
SHEET NO.	C11
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HALF SCALE WHEN PRINTED AT 11x17

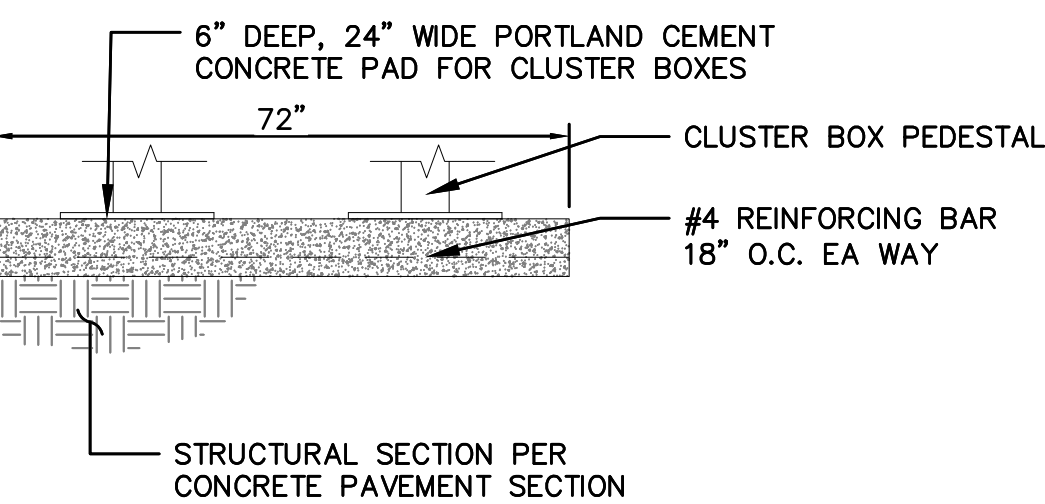
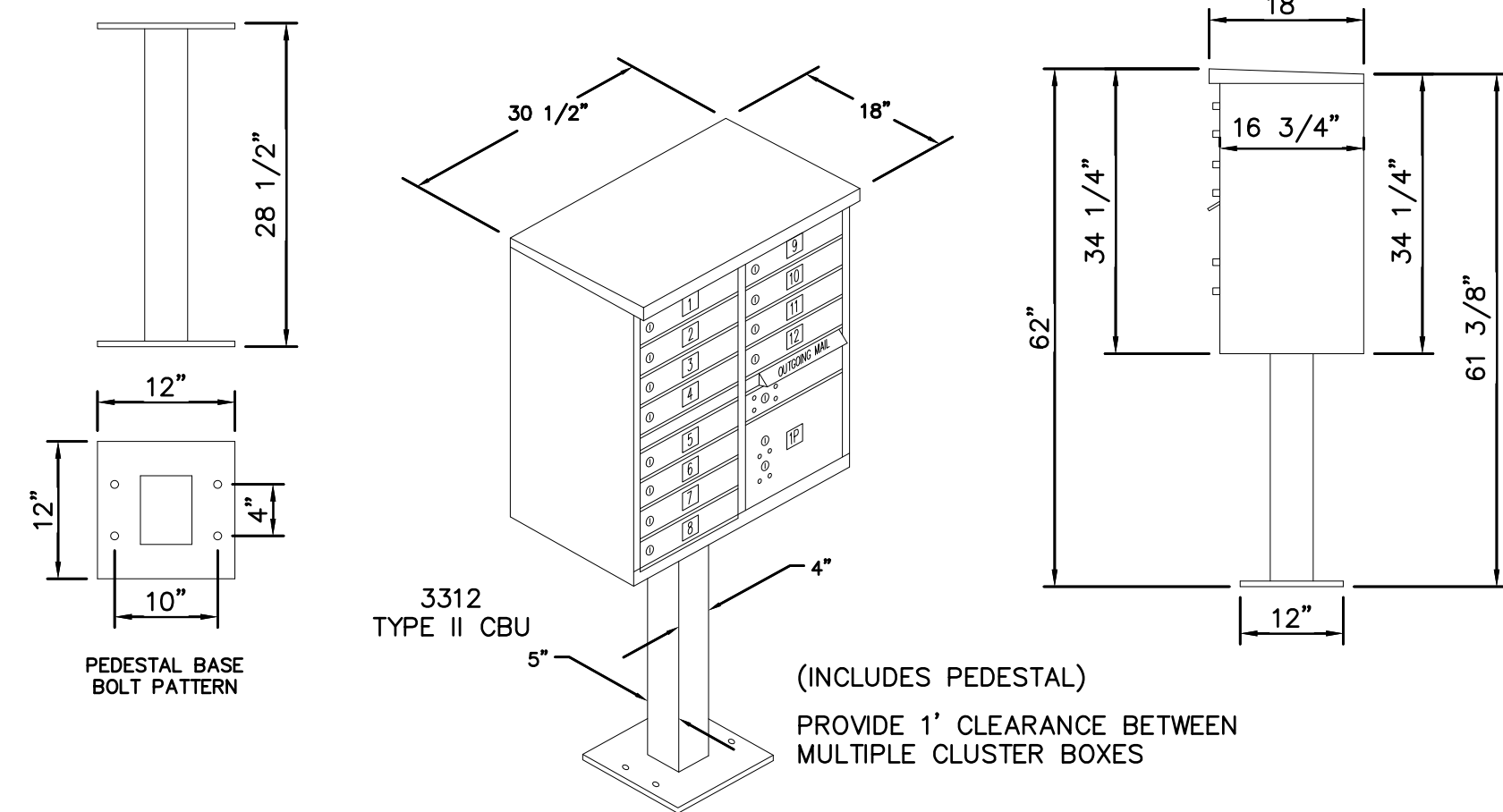
PERMIT DOCUMENTS



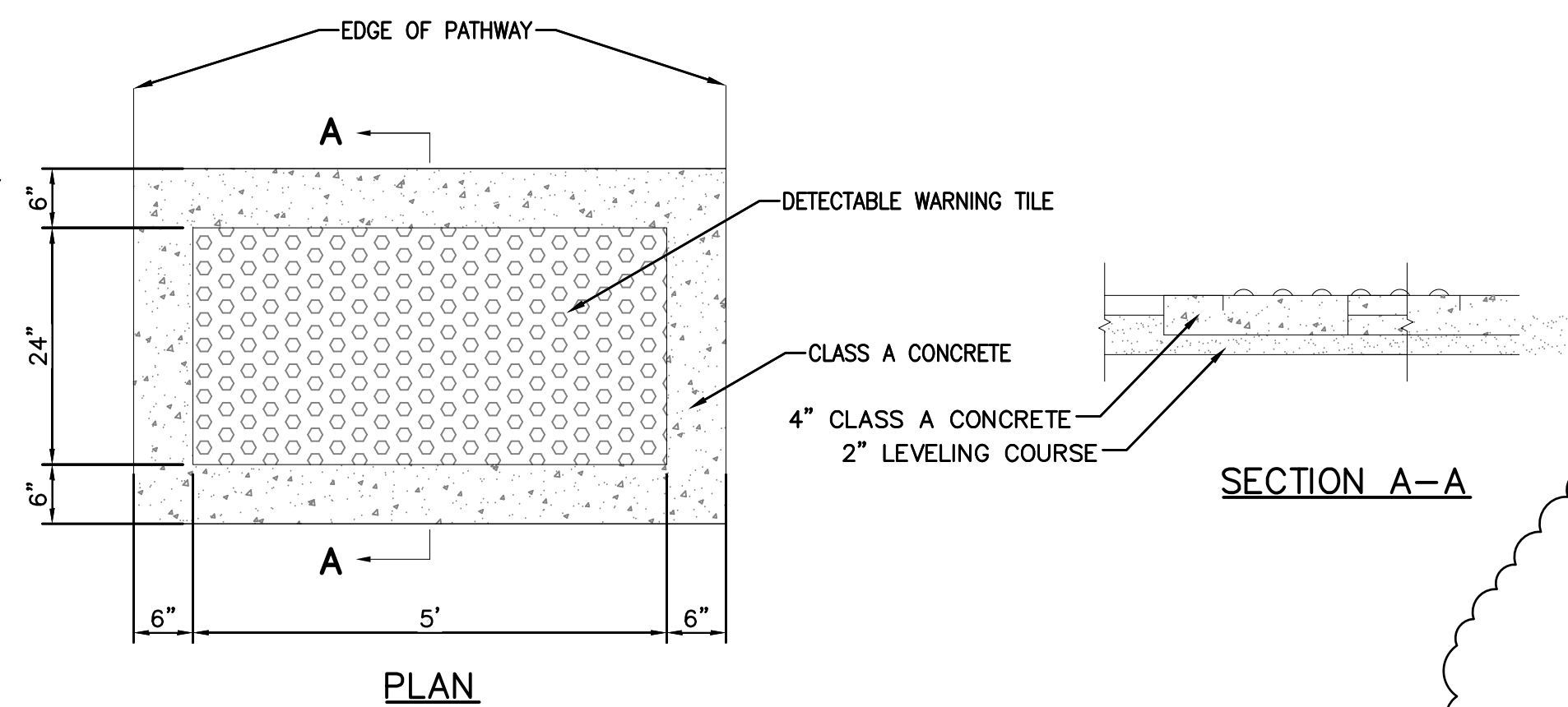
DRIVEWAY ASPHALT PAVING SECTION



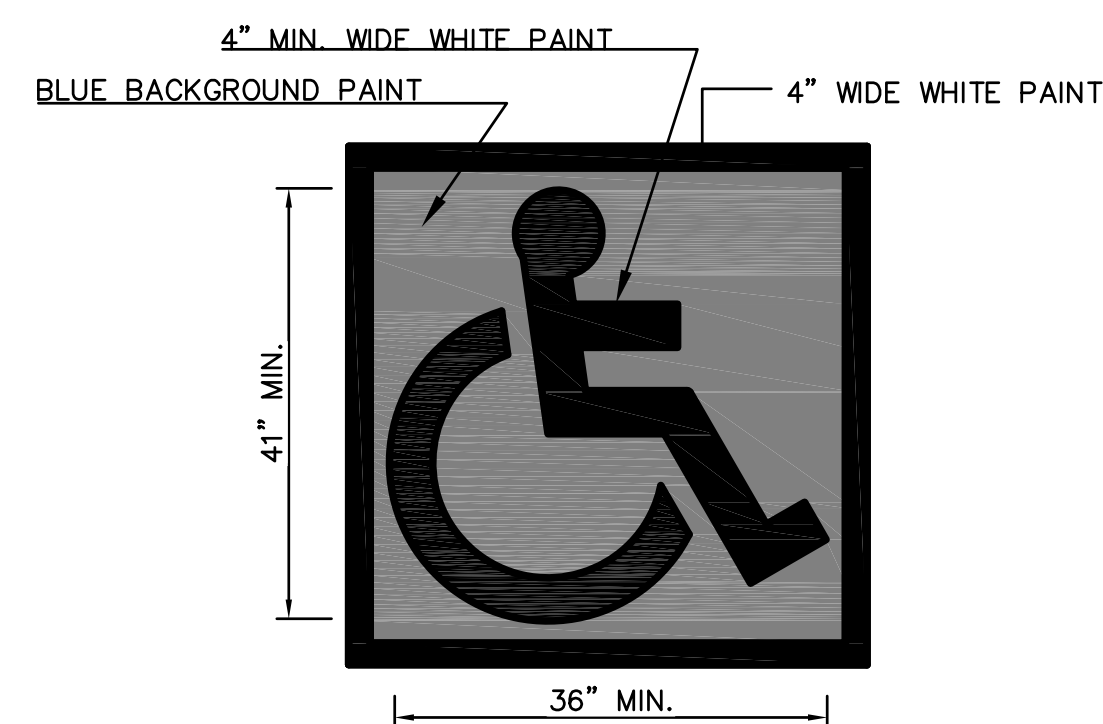
FOUNDATION EXCAVATION AND BACKFILL



CLUSTER MAILBOX DETAIL



PATHWAY DETECTABLE WARNING TILE



PAVEMENT MARKING SYMBOL



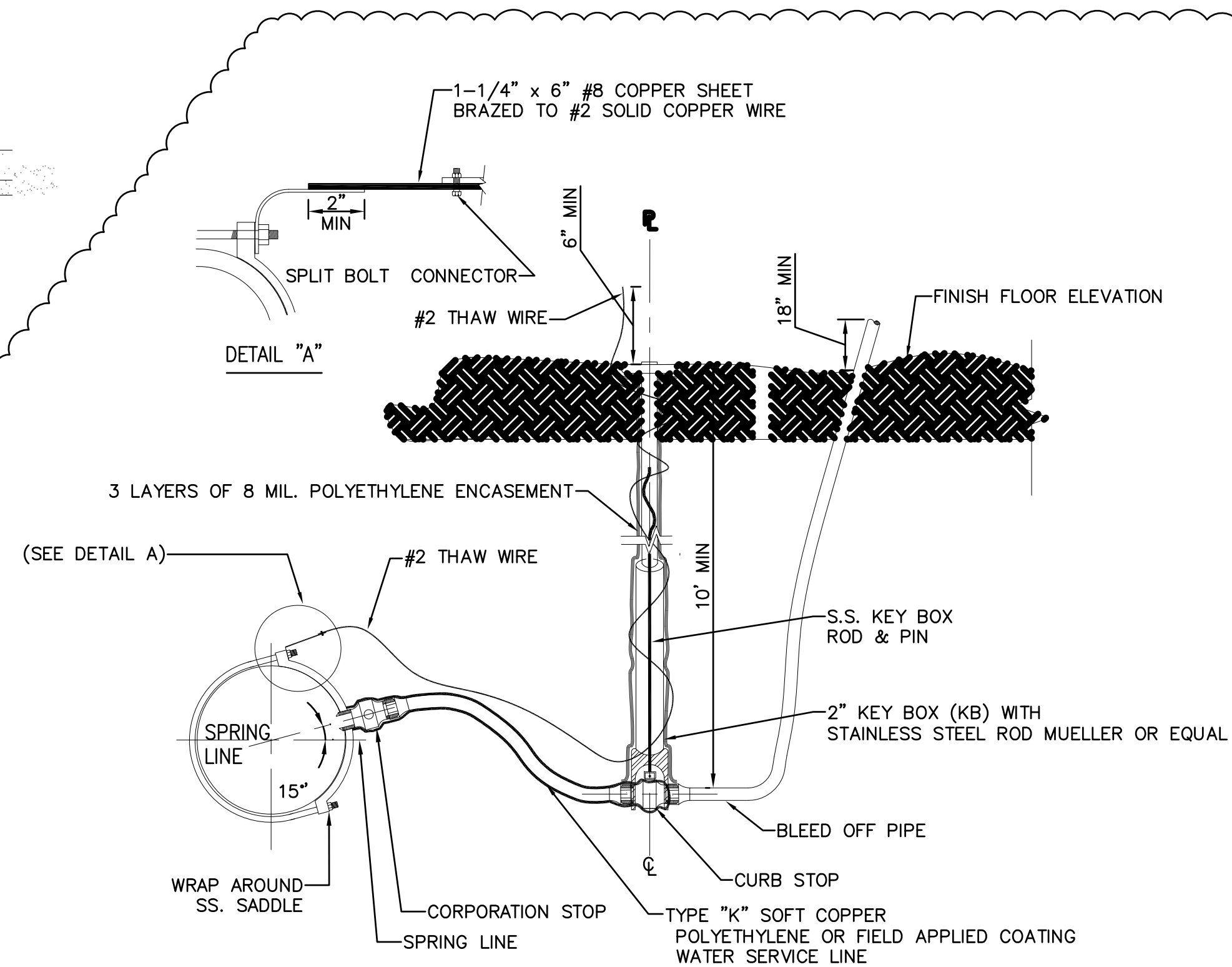
RESERVED SIGN R7-8,
12" X 18"

VAN ACCESSIBLE R7-8A,
12" X 6"

ACCESSIBLE PARKING SIGN NOTES:

1. MOUNT SIGN ON 2"x2" P.S.T. POST PER DETAIL 70-24
2. MOUNTING HEIGHT SHALL BE BETWEEN 6'-3" AND 6'-6" AS MEASURED FROM THE FINISH GRADE TO BOTTOM OF R7-8A SIGN

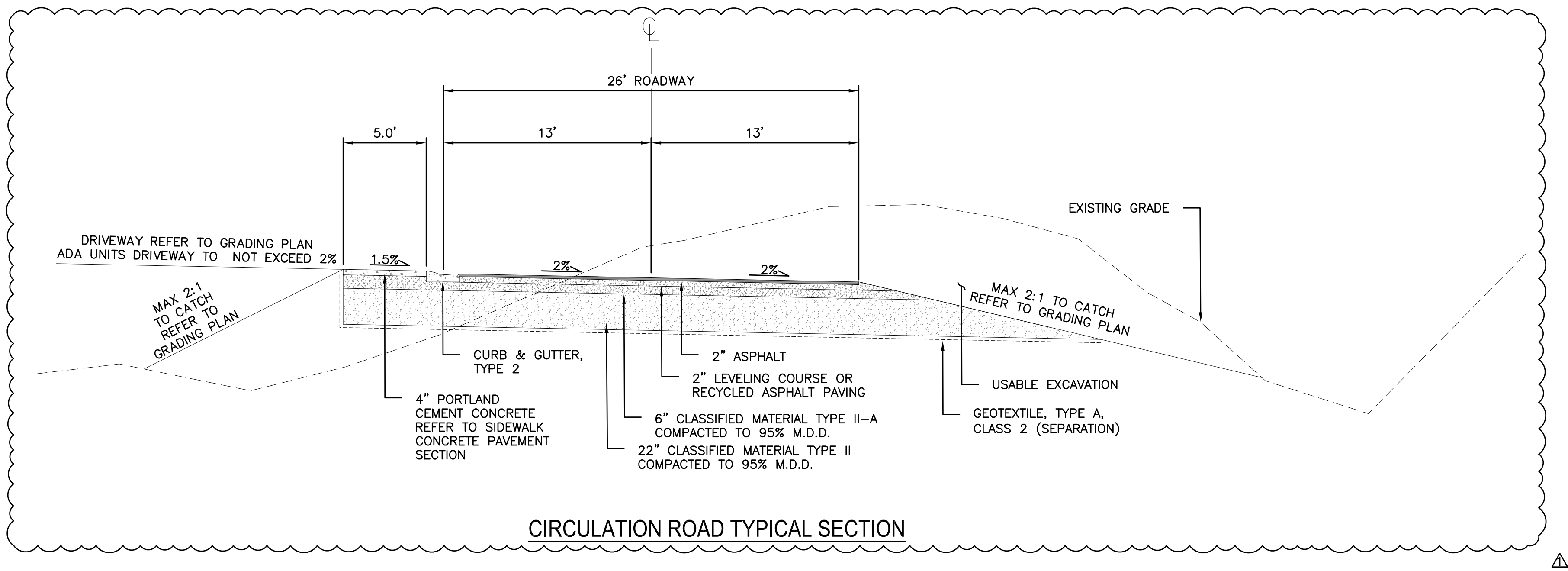
ACCESSIBLE PARKING SIGN



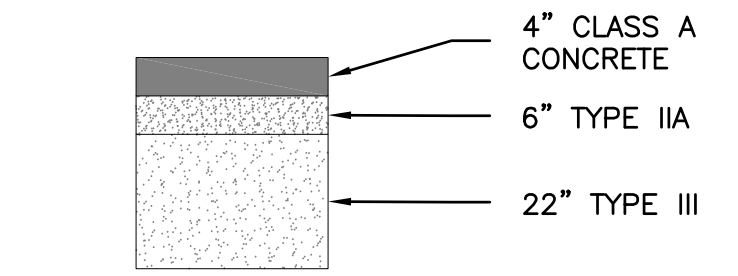
NOTES:

1. STAINLESS STEEL (SS) WRAP AROUND SERVICE SADDLE TO BE USED ON ALL TAPS. PVC TAPS MUST BE A MINIMUM OF 3' APART
2. THAW WIRE IS TO BE #2 GAUGE HMWPE INSULATED COPPER WIRE THAT IS LAID PARALLEL TO THE SERVICE LINE WITHOUT CONTACTING THE SERVICE LINE .

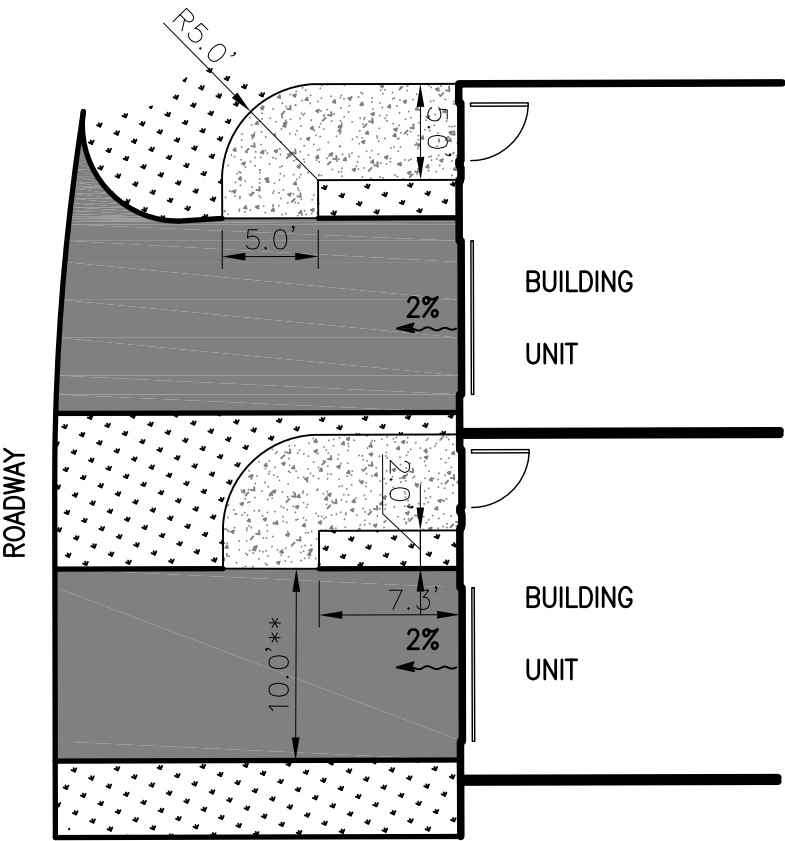
WATER SERVICE CONNECT DETAIL



CIRCULATION ROAD TYPICAL SECTION

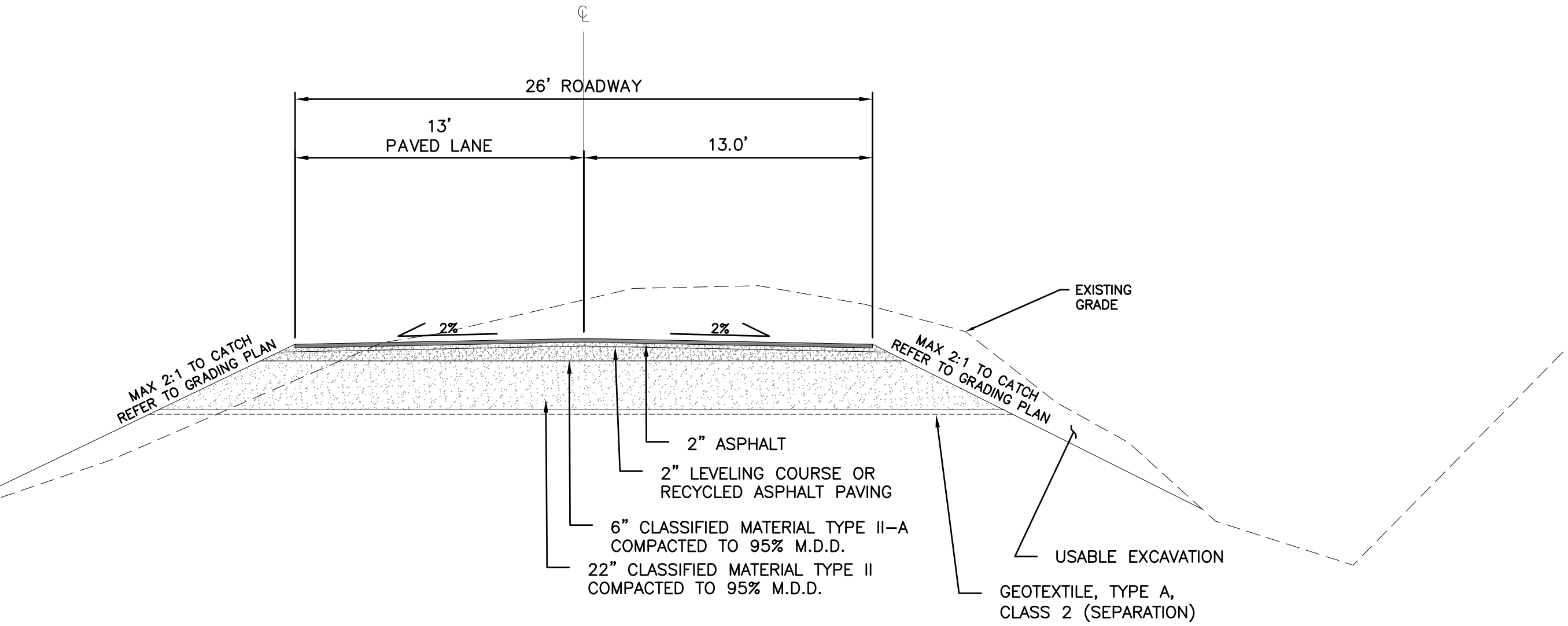


CONCRETE PAVEMENT SECTION

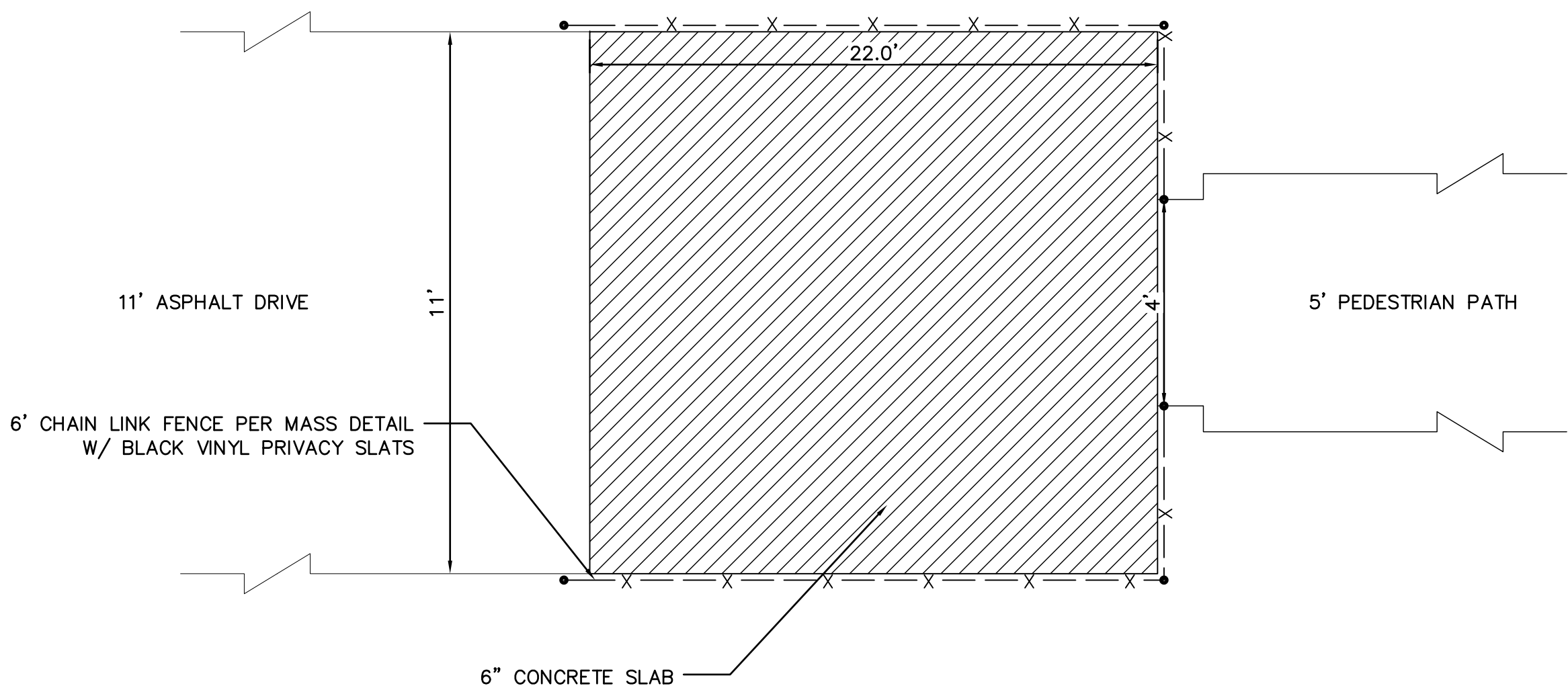


- NOTES:
- ** CENTER DRIVEWAY ON OVERHEAD DOOR OPENING.
 - 1. REFER TO LANDSCAPE PLANS FOR PLANTING SCHEDULES.
 - 2. ACCESSIBLE UNITS REQUIRE NO GREATER THAN 2% RUNNING SLOPE OR CROSS SLOPE FOR UNIT SIDEWALKS AND DRIVEWAYS.

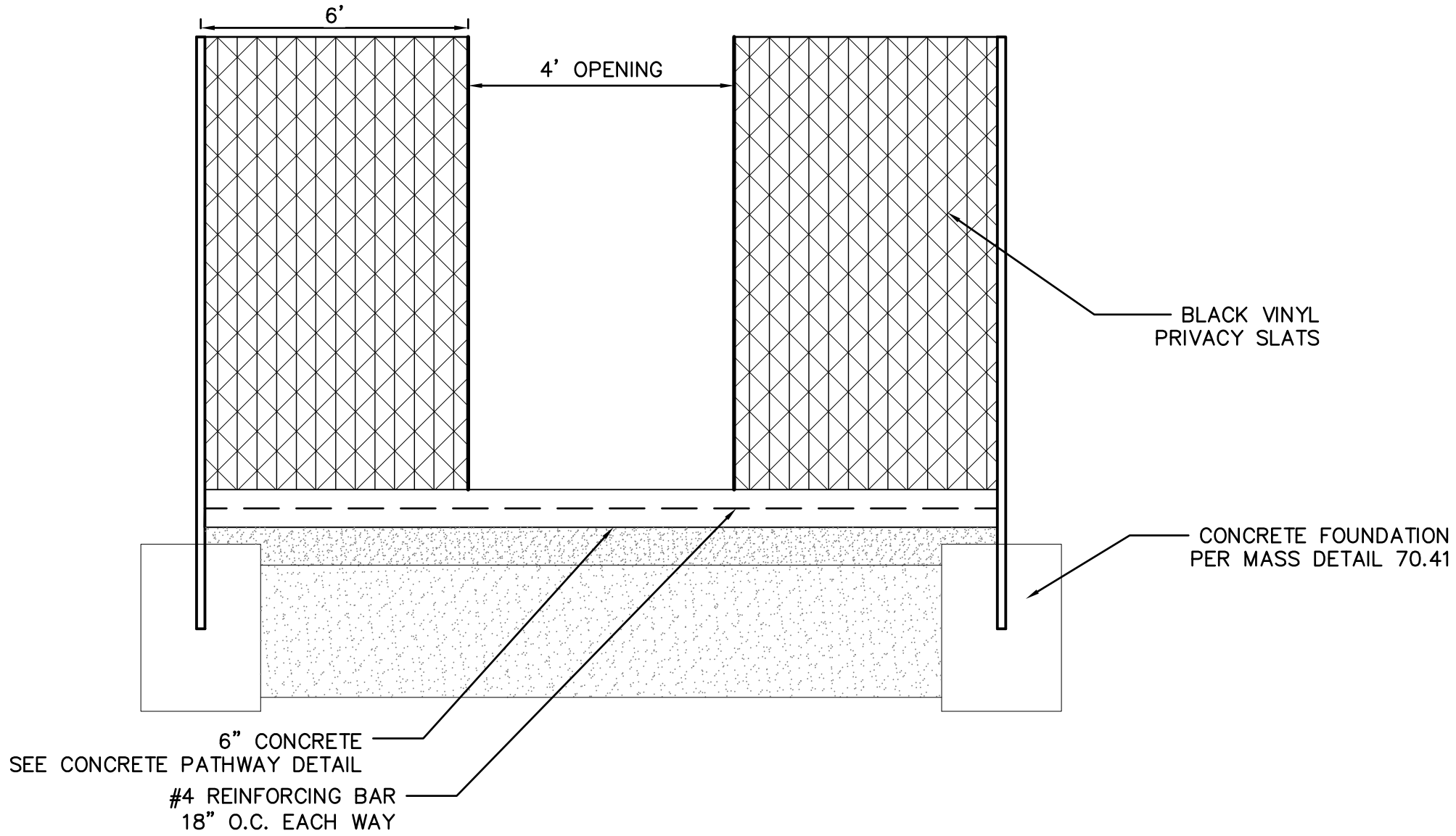
DRIVEWAY DETAIL



APPROACH ROAD TYPICAL SECTION



TRASH ENCLOSURE DETAIL



VRS
OLD MATANUSKA TOWNHOUSE DEVELOPMENT
PHASE 2

REVISION SCHEDULE		
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DATE	02.10.2023
DRAWN	HJH
REVIEWED	TJA

SHEET NAME	DETAILS
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SHEET NO.	C13
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