

DRIVEWAYS AND ENTRANCES

25. THE STATIONS NOTED FOR DRIVEWAYS REFER TO THE POSITION OF THE CENTER OF THE DRIVEWAY.
26. ALL DRIVEWAYS SHALL BE REPLACED TO THE SIDEWALK/R.O.W. LINE UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.

SIGNING, STRIPING, AND LANDSCAPING

27. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
 - A) SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - B) EVERY SIGN TO BE RELOCATED MUST BE RE-ERECTED AT A TEMPORARY LOCATION AND BE VISIBLE TO TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
 - C) ALL SIGNS TO BE RELOCATED SHALL BE RE-ERECTED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. HORIZONTAL LOCATION FROM THE EDGE OF PAVEMENT SHALL BE AS DESIGNATED BY THE ENGINEER.
 - D) ALL UNUSED SIGNS SHALL BE RETURNED TO THEIR OWNER.
 - E) LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS.
28. ALL EXISTING SIGNS SHALL CONFORM TO THE CURRENT EDITION OF "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS." THOSE EXISTING SIGNS THAT DO NOT CONFORM SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.
29. ITEMS UNDER THE GENERAL HEADING OF "THERMOPLASTIC PAVEMENT MARKING" PROVIDE FOR ONE APPLICATION.
30. THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN, INCLUDING CONCRETE TRUCK WASHOUT FACILITIES. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR.
31. PER THE ILLINOIS LAWN CARE PRODUCTS APPLICATION NOTICE ACT 096-1005, PHOSPHORUS FERTILIZER NUTRIENT SHALL NOT BE USED.
32. NO FERTILIZER SHALL BE APPLIED TO SEEDING, CLASS 4A AREAS.

SURVEY

33. ELEVATIONS ARE BASED ON THE FOLLOWING:

REFERENCE BENCHMARK #1
DU PAGE COUNTY GEODETIC SURVEY MONUMENT #U 132 RESET
BENCHMARK DISK LOCATED NEAR THE NORTHEAST CORNER OF
INTERSECTION SIVERT DRIVE AND THORNDALE AVENUE
DATUM: NAVD 88
ELEVATION: 703.19

REFERENCE BENCHMARK #2
DU PAGE COUNTY GEODETIC SURVEY MONUMENT #0146
BENCHMARK DISK LOCATED ALONG THE SOUTH SIDE OF IRVING
PARK ROAD 95.2 FT WEST OF THE CENTERLINE OF EDGEWOOD
AVENUE
DATUM: NAVD 88
ELEVATION: 698.34

34. COORDINATES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM NAD 83 EAST 1201.
GRID COORDINATES ARE SHOWN.

COMMITMENTS

35. THE WETLAND BUFFER IMPACT AREA AND WATERS OF DUPAGE BUFFER IMPACT AREA ARE TO BE REESTABLISHED UPON COMPLETION OF CONSTRUCTION WITH THE APPROPRIATE IDOT SEED MIXTURE CLASS 4A (MODIFIED).

POINTS OF CONTACT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SHEET NO. 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	3
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS	STU FUNDS	100% VILLAGE
				80% FED 20% VILLAGE	75% FED 25% VILLAGE	
				0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	0044 NON- PARTICIPATING
^ 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	27	27		
^ 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	18		
* 20101000	TEMPORARY FENCE	FOOT	840	840		
^ 20101100	TREE TRUNK PROTECTION	EACH	5	5		
^* 20101200	TREE ROOT PRUNING	EACH	15	15		
^* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	6	6		
^* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	9	9		
20200100	EARTH EXCAVATION	CU YD	531	531		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	285	285		
20400800	FURNISHED EXCAVATION	CU YD	1,179	1,179		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	20.0		20.0	
20800150	TRENCH BACKFILL	CU YD	332	332		
20900110	POROUS GRANULAR BACKFILL	CU YD	10.0		10.0	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2,752	2,752		
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,211	1,211		
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	50	50		

^ DENOTES SPECIALTY ITEM
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				80% FED 20% VILLAGE	75% FED 25% VILLAGE	
				0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	0044 NON-PARTICIPATING
^ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	97	97		
^ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	97	97		
^ 25100630	EROSION CONTROL BLANKET	SQ YD	1,210	1,210		
^ 25200110	SODDING, SALT TOLERANT	SQ YD	7,793	7,793		
^ 25200200	SUPPLEMENTAL WATERING	UNIT	24	24		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	179	179	
	28000305	TEMPORARY DITCH CHECKS	FOOT	168	168	
	28000510	INLET FILTERS	EACH	18	18	
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	7,793	7,793	
	28100107	STONE RIPRAP, CLASS A4	SQ YD	386	386	
	28200200	FILTER FABRIC	SQ YD	573	573	
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	100	100		
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	734	734		
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	2,685	2,685	
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	913	913	
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	184	184	

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET NO. 2 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	5
CONTRACT NO. 61G06			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS	STU FUNDS	100% VILLAGE
				80% FED 20% VILLAGE	75% FED 25% VILLAGE	
				0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	0044 NON- PARTICIPATING
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	2	2		
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	235	235		
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	88	88		
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	176	176		
* 42001300	PROTECTIVE COAT	SQ YD	10,838	10,838		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	130	130		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	22,265	22,265		
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	733	733		
42400800	DETECTABLE WARNINGS	SQ FT	163	163		
44000100	PAVEMENT REMOVAL	SQ YD	2,838	2,838		
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	363	363		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	865	865		
44000600	SIDEWALK REMOVAL	SQ FT	685	685		
44003100	MEDIAN REMOVAL	SQ FT	299	299		
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	45	45		
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	32	32		



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 3 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	6
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS	STU FUNDS	100% VILLAGE
				80% FED 20% VILLAGE	75% FED 25% VILLAGE	
				0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	0044 NON- PARTICIPATING
44213200	SAW CUTS	FOOT	2,213	2,213		
50102400	CONCRETE REMOVAL	CU YD	18.4		18.4	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	20		20	
50500505	STUD SHEAR CONNECTORS	EACH	40		40	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,460		3,460	
52200010	TEMPORARY SHEET PILING	SQ FT	893		893	
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT				
52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	133		133	
52200150	DRIVING SOLDIER PILES	FOOT				
52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	527		527	
52200250	UNTREATED TIMBER LAGGING	SQ FT	103		103	
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	11.3		11.3	
54002020	EXPANSION BOLTS 3/4 INCH	EACH	16		16	
54003000	CONCRETE BOX CULVERTS	CU YD	14.1		14.1	
54213655	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 10"	EACH				
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8	8		

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STATE OF ILLINOIS
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SUMMARY OF QUANTITIES

SHEET NO. 4 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	7
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS	STU FUNDS	100% VILLAGE
				80% FED	75% FED	
				20% VILLAGE	25% VILLAGE	
				0028	0004	0044
				ROADWAY	ROADWAY	NON-
					STRUCTURE NO.	PARTICIPATING
					022-2021	
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2		
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	5	5		
550A0040	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT				
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	303	303		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	462	462		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	45	45		
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	75	75		
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	110	110		
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	131	131		
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT				
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT				
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	131	131		
55100100	STORM SEWER REMOVAL 4"	FOOT	29	29		
55100200	STORM SEWER REMOVAL 6"	FOOT	24	24		

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CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS		STU FUNDS		100% VILLAGE
				80% FED 20% VILLAGE	0028 ROADWAY	75% FED 25% VILLAGE	0004 ROADWAY STRUCTURE NO. 022-2021	
								0044 NON-PARTICIPATING
55100400	STORM SEWER REMOVAL 10"	FOOT	11	11				
55101200	STORM SEWER REMOVAL 24"	FOOT	157	157				
55101400	STORM SEWER REMOVAL 30"	FOOT	119	119				
* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	2	2				
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	8		8			
60100905	PIPE DRAINS 4"	FOOT	10	10				
60100915	PIPE DRAINS 6"	FOOT	10	10				
60201340	CATCH BASINS, TYPE A, 4' DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1				
^ 60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	14	14				
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8				
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				
^ 60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH						
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1				
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5				
60600605	CONCRETE CURB, TYPE B	FOOT	24	24				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	784	784				

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CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS	STU FUNDS	100% VILLAGE
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				0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,019	2,019		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	48	48		
63200310	GUARDRAIL REMOVAL	FOOT	105	105		
^ *	66900200 NON-SPECIAL WASTE DISPOSAL	CU YD	1,270	1,270		
^ *	66900530 SOIL DISPOSAL ANALYSIS	EACH	5	5		
^ *	66901001 REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1		
^ *	66901003 REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1		
^ *	66901006 REGULATED SUBSTANCES MONITORING	CAL DA	50	50		
*	67100100 MOBILIZATION	LSUM	1	1		
	70107025 CHANGEABLE MESSAGE SIGN	CAL DA	90	90		
*	70300904 PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	270	270		
*	70300924 PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	44	44		
	70400100 TEMPORARY CONCRETE BARRIER	FOOT	203	203		
	70600260 IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1		
^	72000100 SIGN PANEL - TYPE 1	SQ FT	12	12		
^	72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2		

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET NO. 7 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT		77	10
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G06	

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CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS	STU FUNDS	100% VILLAGE
				80% FED 20% VILLAGE	75% FED 25% VILLAGE	
				0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	
^	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4	
^	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	15	15	
^	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	270	270	
^	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	309	309	
^	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	150	150	
^	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	488	488.00	
^	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	44	44	
^ *	89502376	REBUILD EXISTING HANDOLE	EACH	1	1	
^	A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
^	A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
^	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5	5	
^	A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2	
^	C2009640	SHRUB, SAMBUCUS CANADENSIS (COMMON ELDERBERRY), 3' HEIGHT BALLED AND BURLAPPED	EACH	4	4	
^ *	X0326020	UTILITY PROTECTION PAD	SQ YD	190	190	
^ *	X0327078	REMOVE FIRE HYDRANT AND VALVE ASSEMBLY	EACH	2	2	
^ *	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	55	55	

^ DENOTES SPECIALTY ITEM
 * DENOTES SPECIAL PROVISION
 ** DENOTES NON-PARTICIPATING

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET NO. 8 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G06	

PLAN	SUBMITTED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	BY	
	DATE	
	NO.	
	FILE NAME	

PROFILE	SUBMITTED	DATE
NOTE BOOK	ALIGNED	
NO.	CHECKED	
	BY	
	DATE	
	NO.	
	FILE NAME	

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS	STU FUNDS	100% VILLAGE
				80% FED 20% VILLAGE	75% FED 25% VILLAGE	
				0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	
* X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	500		
^ * X2502014	SEEDING, CLASS 4A (MODIFIED)	ACRE	0.25	0.25		
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3	3		
* X4023000	TEMPORARY ACCESS (ROAD)	EACH	2	2		
^ * X5091765	PIPE HANDRAIL, SPECIAL	FOOT	171		171	
* X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	2	2		
* X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	6	6		
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1		
* X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	254	254		
^ * XX003668	PRECONSTRUCTION VIDEO TAPING	LSUM	1			1
^ * XX006658	FLOCCULATION LOGS	EACH	40	40		
^ * XX006659	FLOCCULATION POWDER	POUND	10	10		
^ * XX006729	PERIMETER EROSION BARRIER, ROLLED EXCELSIOR	FOOT	1,300	1,300		
* XX006821	CONCRETE TRUCK WASHOUT	LSUM	1	1		
* XX007759	ADJUST SANITARY SEWER CLEANOUT	EACH	1	1		
* Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	68	68		

^ DENOTES SPECIALTY ITEM
 * DENOTES SPECIAL PROVISION
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET NO. 9 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	12
CONTRACT NO. 61G06			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	BY	
	DATE	
	NO. OF WAY CHECKED	
	ROAD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	BY	
	DATE	
	NO. OF WAY CHECKED	
	ROAD FILE NAME	

CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	CMAQ FUNDS		STU FUNDS		100% VILLAGE
				80% FED 20% VILLAGE	75% FED 25% VILLAGE	0028 ROADWAY	0004 ROADWAY STRUCTURE NO. 022-2021	
* Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1				
* Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	4	4				
* Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1	1				
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51	51				
** Z0076600	TRAINEES	HOURS	500					500
** Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURS	500					500

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DATE - 2/12/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

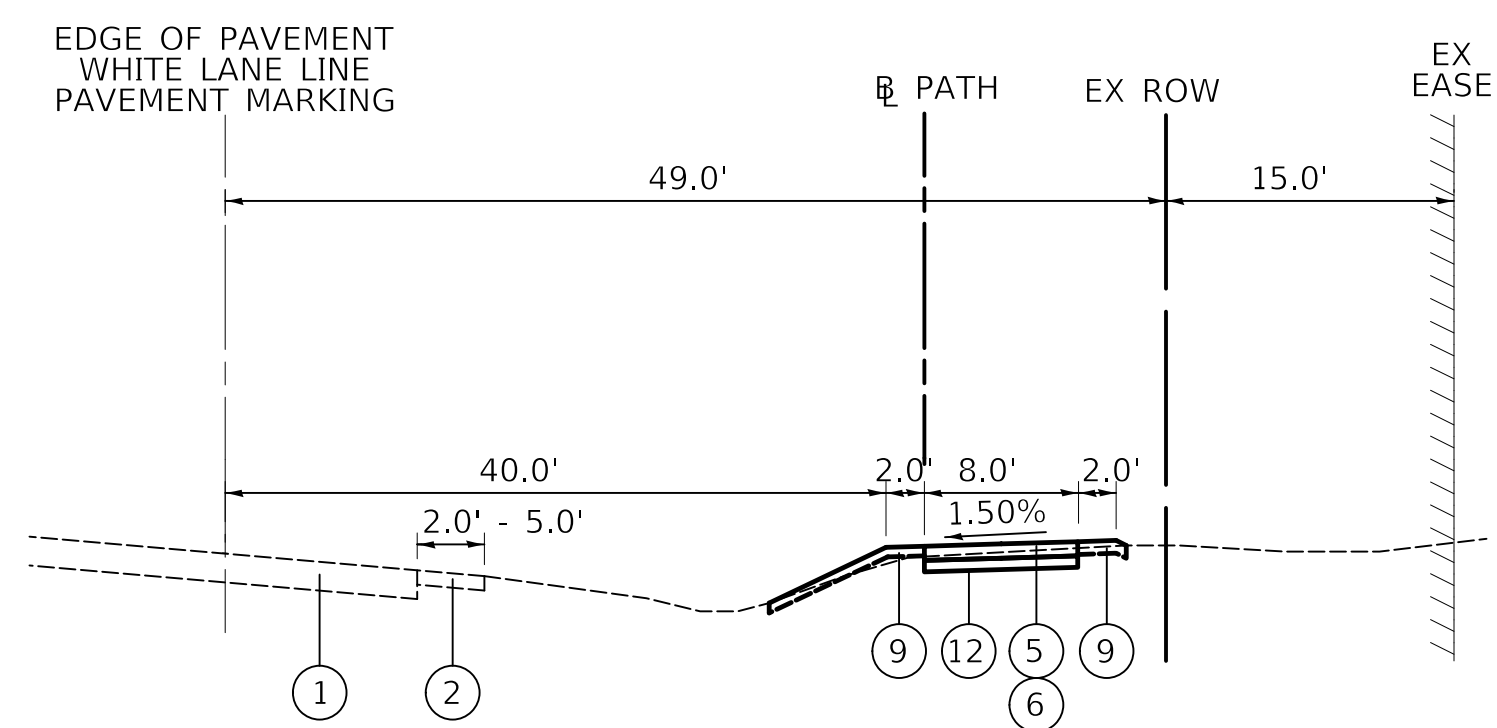
SUMMARY OF QUANTITIES

SHEET NO. 10 OF 10 SHEETS

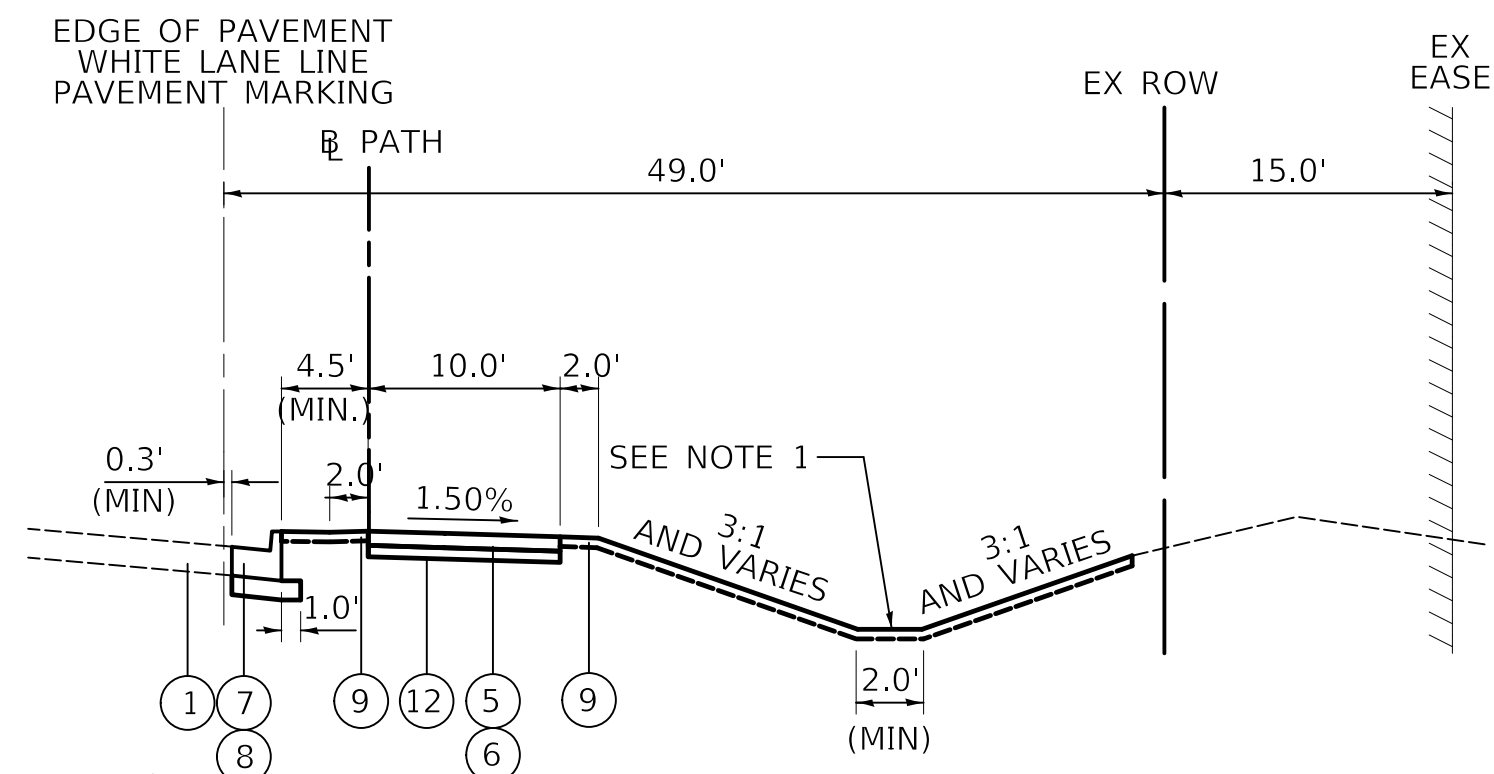
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	12A
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE: _____
 BY: _____
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 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
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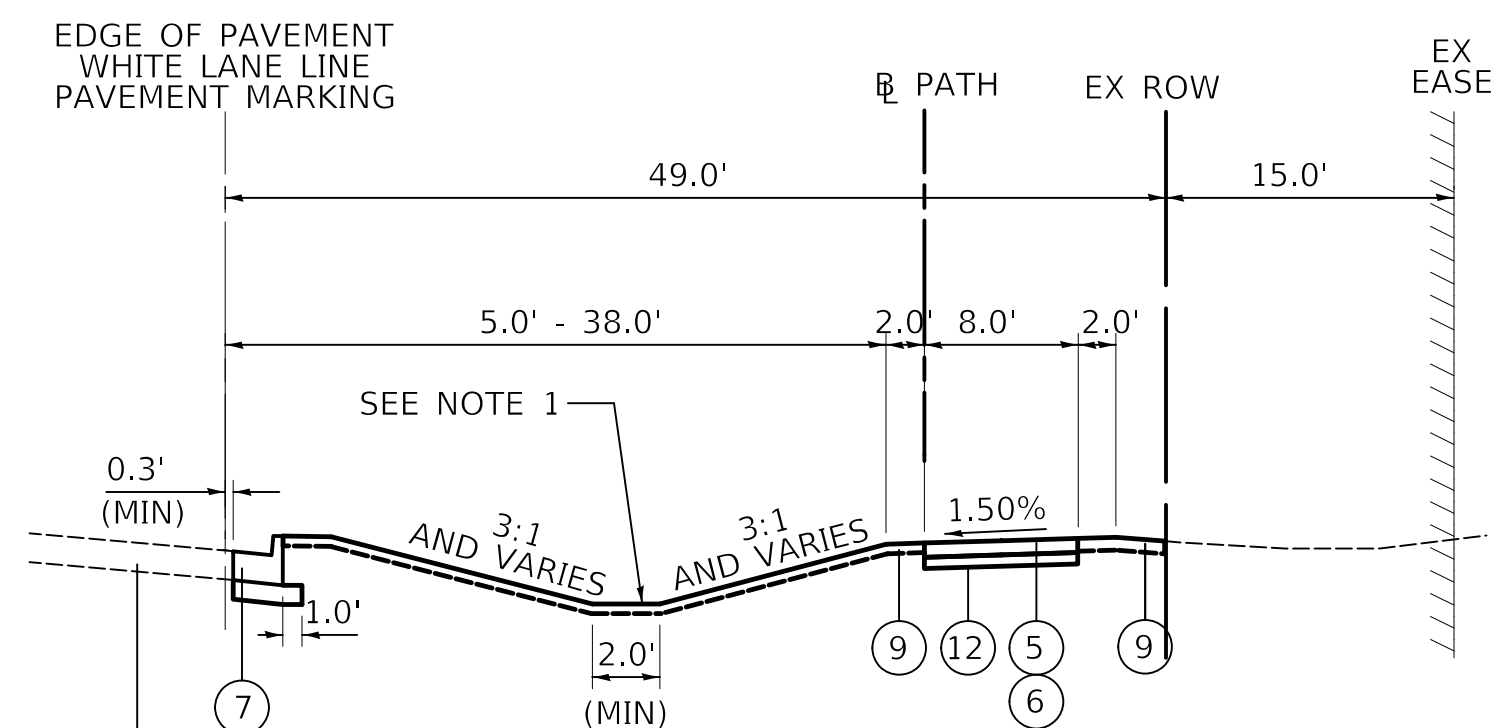
DATE: _____
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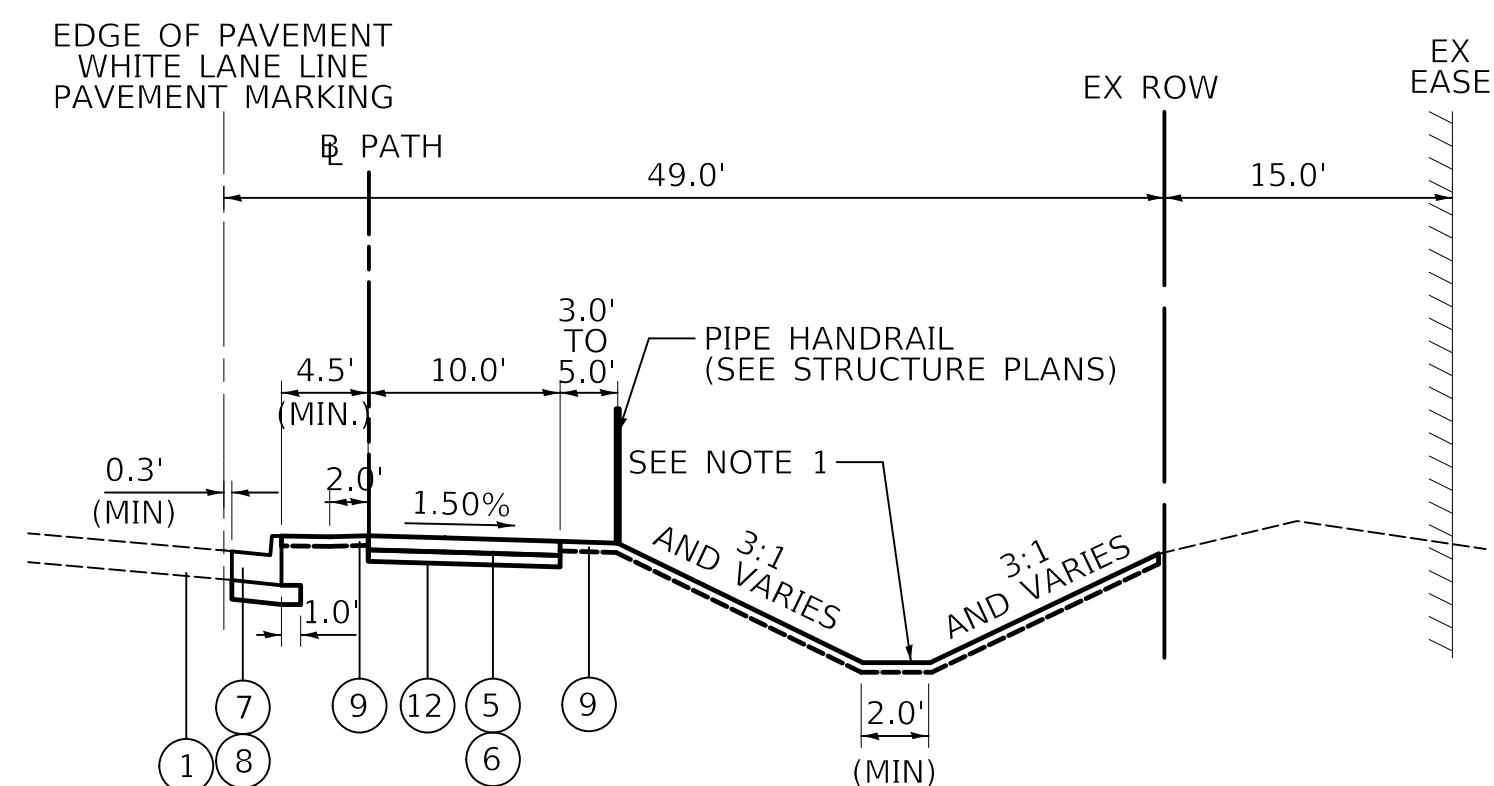
IL ROUTE 83 PROPOSED TYPICAL SECTION
 STA. 199+67.0 TO STA. 200+73.6



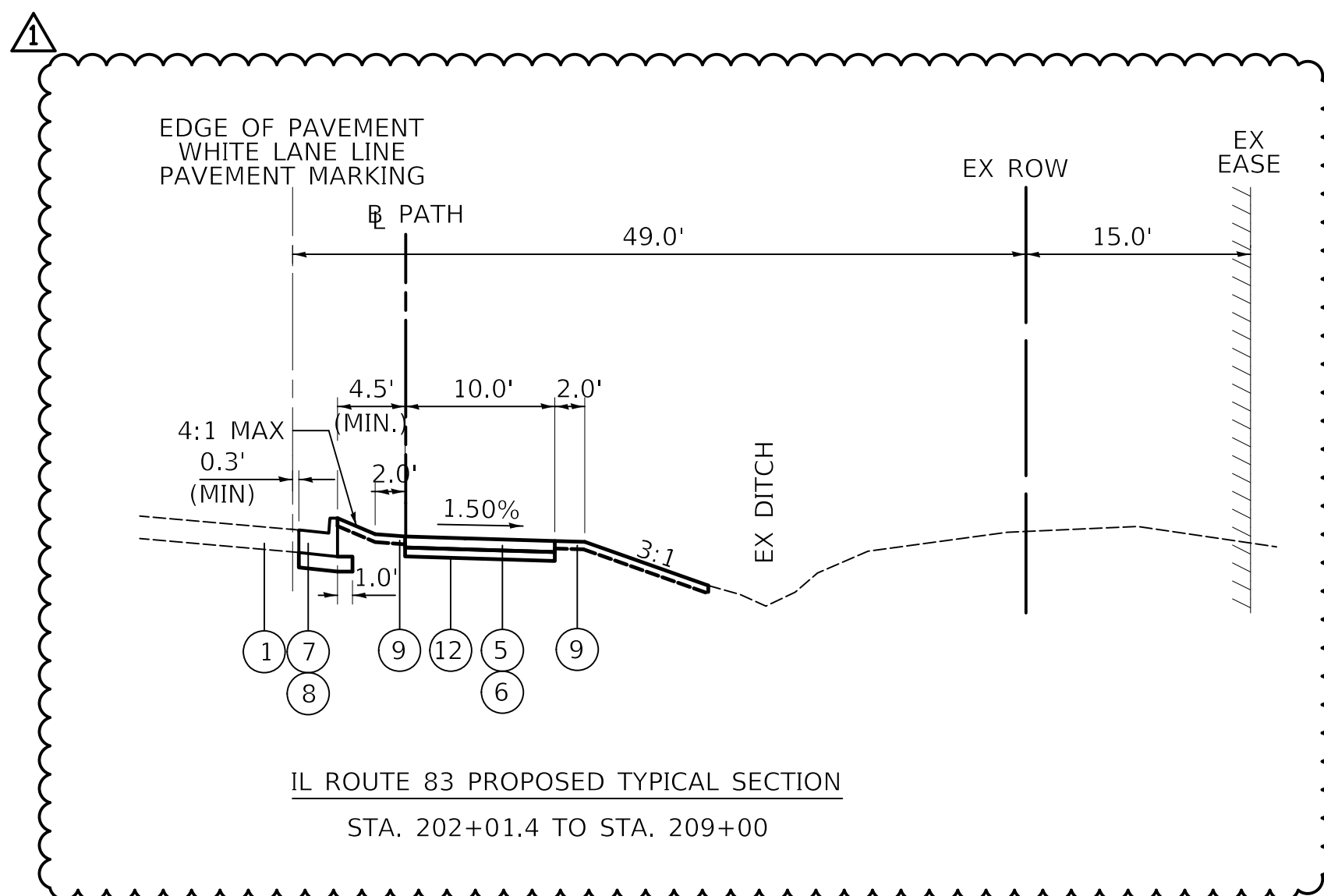
IL ROUTE 83 PROPOSED TYPICAL SECTION
 STA. 209+00.0 TO STA. 215+70.0
 STA. 217+40.0 TO STA. 222+22.6



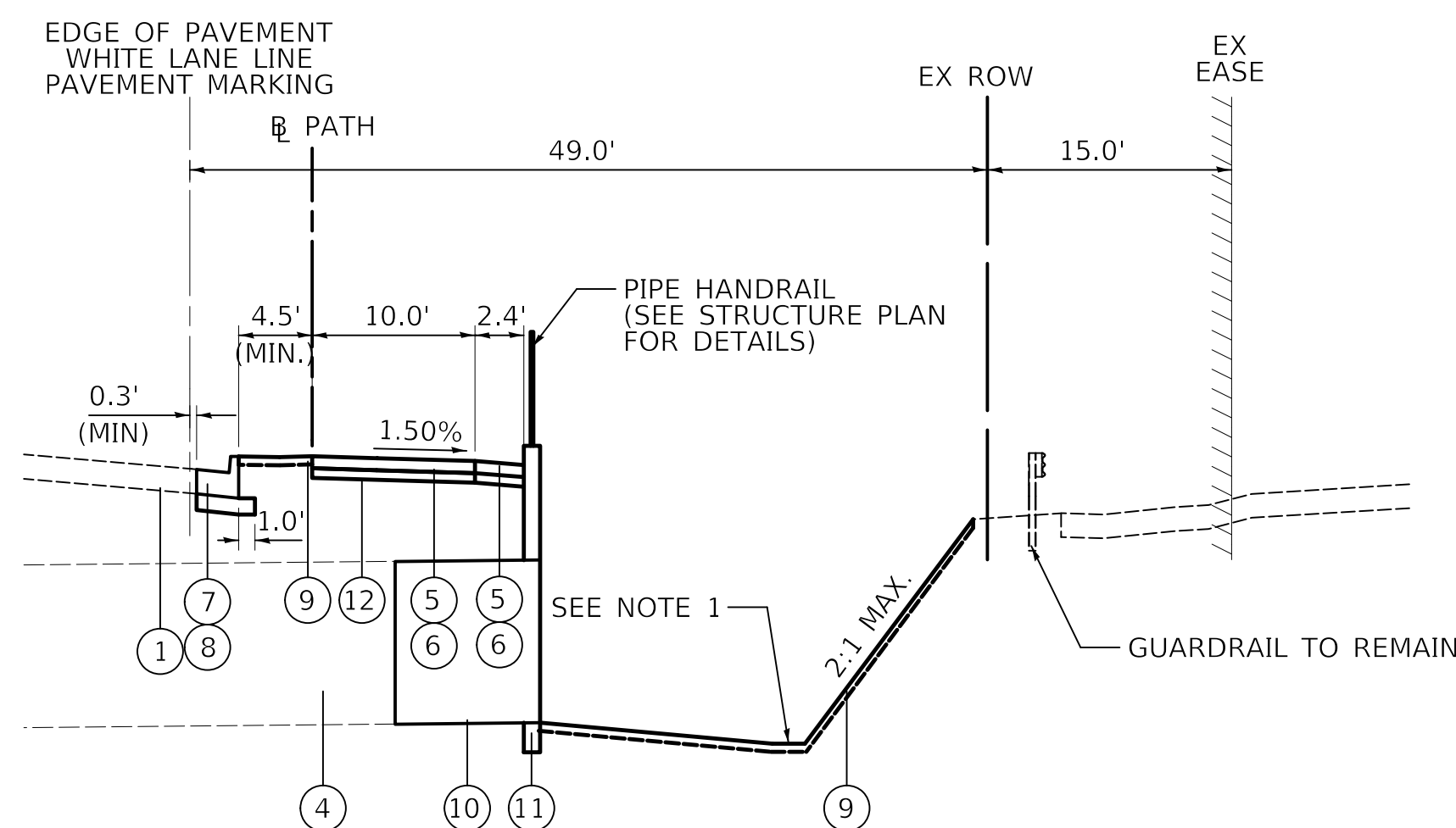
IL ROUTE 83 PROPOSED TYPICAL SECTION
 STA. 200+73.6 TO STA. 202+01.4



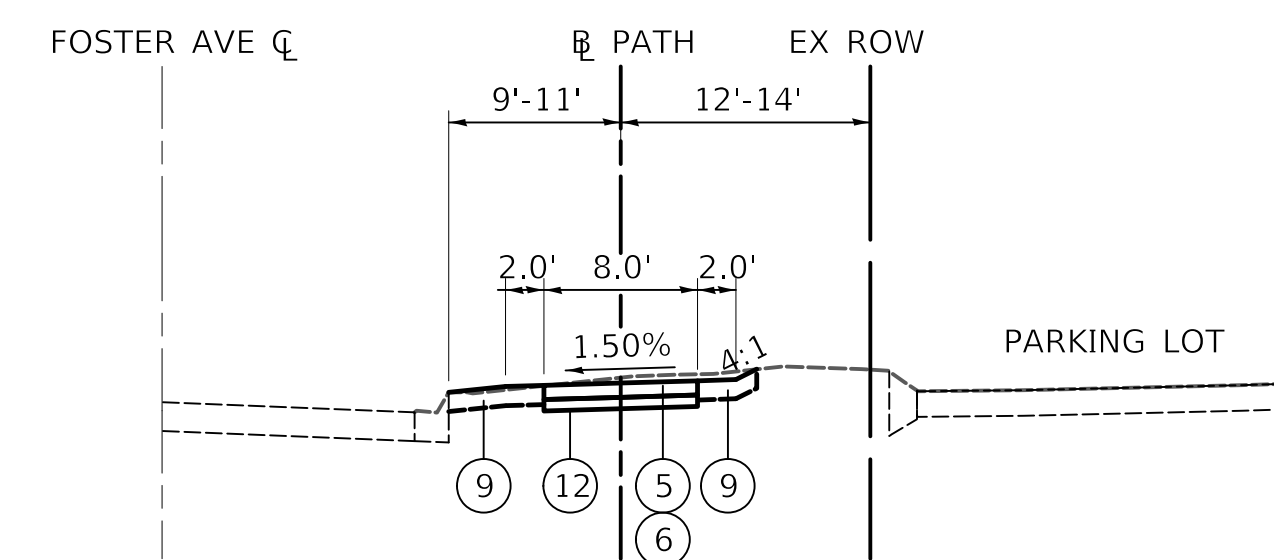
IL ROUTE 83 PROPOSED TYPICAL SECTION
 STA. 215+70.0 TO STA. 216+68.6
 STA. 217+18.18 TO STA. 217+40.0



IL ROUTE 83 PROPOSED TYPICAL SECTION
 STA. 202+01.4 TO STA. 209+00



IL ROUTE 83 PROPOSED TYPICAL SECTION
 STA. 216+68.6 TO STA. 217+18.18



FOSTER AVENUE PROPOSED TYPICAL SECTION
 STA. 1+00.0 TO STA. 4+56.5

- LEGEND:
- ① EXISTING COMPOSITE PAVEMENT, 11-3/4" (PER RECORD PLANS)
 - ② EXISTING AGGREGATE SHOULDER
 - ③ GUARDRAIL REMOVAL
 - ④ EXISTING BOX CULVERT
 - ⑤ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
 - ⑥ PROPOSED AGGREGATE BASE COURSE, TYPE B, 4" MIN.
 - ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
 - ⑧ PROPOSED AGGREGATE BASE COURSE, TYPE B, 6"
 - ⑨ PROPOSED SODDING, SALT TOLERANT PROPOSED TOPSOIL, 6"
 - ⑩ PROPOSED CULVERT (SEE STRUCTURAL PLANS)
 - ⑪ PROPOSED RETAINING WALL (SEE STRUCTURAL PLANS FOR LIMITS)
 - ⑫ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

- NOTES:
1. SEE DRAINAGE AND UTILITY PLANS FOR DITCH LAYOUT INFORMATION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	PERCENT AIR VOIDS @ Ndes.
RECONSTRUCTED SIDE ROADS	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 7"	4% @ 50 GYR.
HOT-MIX ASPHALT DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 MM); 8"	4% @ 50 GYR.
CLASS D PATCHES, 12"	
HMA SURFACE COURSE, MIX D, N70, (IL-19mm); 2"	4% @ 70 GYR.
HMA BINDER IL-19 MM; 10"	4% @ 70 GYR.

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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	BY	
	NO. OF WAY CHECKED	
	NO.	
	STRUCTURE NOTATIONS CHKD	

1	SCHEDULE OF PERIMETER EROSION BARRIER, ROLLED EXCELSIOR (XX006729)		
	ROAD	STATION	LENGTH
		FROM TO (FOOT)	
IL ROUTE 83	199+67	203+50	100
	203+50	209+00	370
	209+00	214+00	360
	214+00	219+00	200
	219+00	222+23	270
FOSTER AVENUE	1+00	4+57	0
PROJECT TOTAL			1300

2	SCHEDULE OF PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (42300400)		
	ROAD	STATION	AREA
		FROM TO SQ YD	
IL ROUTE 83	199+67	203+50	0
	203+50	209+00	0
	209+00	214+00	0
	214+00	219+00	0
	219+00	222+23	0
FOSTER AVENUE	1+00	4+57	130
PROJECT TOTAL			130

4	SCHEDULE OF STORM SEWER REMOVAL						
	ROAD	STATION	55100100	55100200	55100400	55101200	55101400
		FROM TO	STORM SEW REM 4	STORM SEW REM 6	STORM SEW REM 10	STORM SEW REM 24	STORM SEW REM 30
		(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
IL ROUTE 83	199+67	203+50					119
	203+50	209+00			11	72	
	209+00	214+00	29	24		85	
	214+00	219+00					
	219+00	222+23					
FOSTER AVENUE	1+00	4+57					
PROJECT TOTAL			29	24	11	157	119

3	SCHEDULE OF PROPOSED STORM SEWER													
	ROAD	STATION	PIPE #	550A0050	550A0070	550A0090	550A0120	550A0140	550A0340	550A0430	60100905	60100915		
		FROM TO	SS, CL A, TY 1, 12"	SS, CL A, TY 1, 15"	SS, CL A, TY 1, 18"	SS, CL A, TY 1, 24"	SS, CL A, TY 1, 30"	SS, CL A, TY 2, 12"	SS, CL A, TY 2, 30"	PIPE DRAINS 4"	PIPE DRAINS 6"			
		(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)		
IL ROUTE 83	199+67	203+50	1		58									
			2	6										
			3							23				
			4							108				
			A22	3										
			A23	106										
	203+50	209+00	A5	3										
			A24	111										
			A6	3										
			A25		91									
			A26	3										
			A27		111									
			A7						110					
			A8	3										
			A28		161									
			A9	3										
			A29		41									
			209+00	214+00	A30			26						
					A10			19						
					11	22								
					12							25		
13										10				
14											10			
214+00	219+00	15			75									
		16						25						
		17						26						
219+00	222+23	18						30						
		19						25						
		20	22											
		21	18											
PROJECT TOTAL			303	462	45	75	110	131	131	10	10			



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SHEET NO. 1 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	15
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
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NO. OF WAY CHECKED	
NO.	
STRUCTURE NOTATIONS CHKD	

5		SCHEDULE OF PROPOSED DRAINAGE STRUCTURES														
ROAD	STATION		STRUCTURE #	STATION	OFFSET	54213657	54213660	54213663	54213669	54213675	60201340	60208240	60218400	60221100		
	FROM	TO				PRC FLAR END	PRC FLAR END	PRC FLAR END	PRC FLAR END	PRC FLAR END	CB TA 4 DIA	CB TC	MH TA 4 DIA	MH TA 5 DIA		
						SEC 12	SEC 15	SEC 18	SEC 24	SEC 30	T24F&G	T24F&G	TIF CL	T1F CL		
IL ROUTE 83	199+67	203+50	1	200+99.4	9.3' LT		1									
			2	201+68.9	20.0' RT		1									
			3	201+89.8	7.3' LT						1					
			4	202+00.0	7.1' LT										1	
			5	202+00.0	24.0' RT						1					
			6	202+03.6	28.9' RT						1					
			7	203+24.5	31.2' RT						1					
			A37	202+50.0	7.1' LT									1		
	A38	202+50.0	0.0' RT										1			
	A8	203+60.0	7.1' LT									1				
	A9	203+60.0	0.0' RT										1			
	A10	204+75.0	7.1' LT									1				
	A11	204+75.0	0.0' RT										1			
	A39	205+70.0	7.1' LT									1				
	A40	205+70.0	0.0' RT										1			
	A12	205+57.0	24.0' RT							1						
	A13	206+79.0	24.0' RT							1						
	A14	206+85.0	7.1' RT								1					
	A15	206+85.0	0.0' RT									1				
	A16	208+50.0	7.1' LT								1					
	A17	208+50.0	0.0' RT									1				
	A18	208+95.2	0.0' RT									1				
	A41	209+25.0	0.0' RT									1				
	A42	209+25.0	28.0' RT					1								
	19	210+25.0	7.1' LT									1				
	20	210+25.0	22.6' RT	1												
	21	212+00.0	7.1' LT									1				
	22	212+00.0	25.8' RT	1												
	23	212+31.8	30.6' RT						1							
	24	213+19.1	30.6' RT						1							
	25	214+00.0	7.1' LT								1					
	26	214+00.0	26.2' RT	1												
	27	215+50.0	7.1' LT									1				
	28	215+50.0	27.9' RT	1												
	29	216+56.1	7.1' LT									1				
	30	216+56.1	30.2' RT	1												
31	218+50.0	7.1' LT									1					
32	218+50.0	25.7' RT	1													
33	219+50.0	7.1' LT									1					
34	219+50.0	22.6' RT	1													
35	220+50.0	7.1' LT									1					
36	220+50.0	18.6' RT	1													
PROJECT TOTAL						8	2	1	2	5	1	14	8	1		

6		SCHEDULE OF EXISTING STRUCTURES TO BE ADJUSTED OR REBUILT						
ROAD	STATION		60406000	60406100	89502376	X6026050	XX007759	Z0017400
	FROM	TO	F&L, TYPE 1, OL	F&L, TYPE 1, CL	REBUILD EX HANDHOLE	SAN MH TO BE ADJ	ADI SAN SEW CLEANOUT	D&U STRUC TO BE ADJ
			(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
IL ROUTE 83	199+67	203+50						
	203+50	209+00						
	209+00	214+00					1	
	214+00	219+00						
	219+00	222+23			1			
FOSTER AVENUE	1+00	4+57	1	5		2		4
PROJECT TOTAL			1	5	1	2	1	4



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**STATE OF ILLINOIS
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SCHEDULE OF QUANTITIES

SHEET NO. 2 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	16
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	STRUCTURE NOTATIONS CHKD	

7 SCHEDULE OF EARTHWORK QUANTITIES - FOSTER AVE. BREAKDOWN										
STATION	DISTANCE	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION
(XX+XX)	(FT)	(SQ FT)	(SQ FT)	(SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	AVG. (SQ FT)	(CU FT)	(CU FT)	(CU FT)
1+00		5.2	9.7	0.9						
	50				5	9	0	252	468	23
1+50		4.9	9.0	0.1						
	50				8	9	1	376	430	50
2+00		10.1	8.2	2.0						
	50				13	4	1	635	205	53
2+50		15.3		0.2						
	50				8	4	0	397	223	24
3+00		0.6	8.9	0.8						
	50				7	4	0	368	223	24
3+50		14.1		0.2						
	50				7	4	0	369	197	18
4+00		0.6	7.9	0.6						
	50				2	10	0	80	478	23
4+50		2.6	11.2	0.3						
	6.5				1	6	0	8	36	1
4+57										
FOSTER AVE. SUBTOTAL (CU. FT.)								2,486	2,259	216
FOSTER AVE. SUBTOTAL (CU. YD.)								93	84	9

	EARTH EXCAVATION	TOPSOIL EXCAVATION	FURNISHED EXCAVATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
IL ROUTE 83 SUBTOTAL (CU. YD.)	438	1,127	1,621	0
FOSTER AVE. SUBTOTAL (CU. YD.)	93	84	9	0
PROJECT SUBTOTAL (CU YD)	531	1,211	1,630	0
SUITABLE FILL, 15% SHRINKAGE (CU. YD.)			-451	
TOPSOIL TO PLACED ON SITE (CU. YD.)		1,026		
TOPSOIL TO BE HAULED OFF (CU. YD.)		-185		185
UNDERCUT CONTINGENCY (CU. YD.)				100
PROJECT TOTAL (CU. YD.)	531	0	1,179	285



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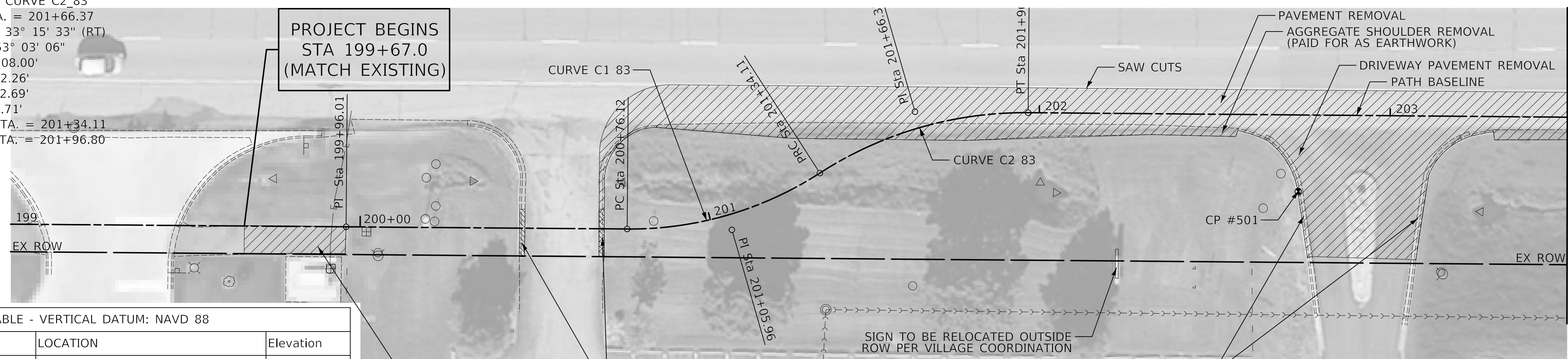
SCHEDULE OF QUANTITIES

SHEET NO. 4 OF 4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT		77	18
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

PROP. CURVE C1 83
 PI STA. = 201+05.96
 $\Delta = 33^\circ 13' 38''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 29.84'$
 $L = 57.99'$
 $E = 4.36'$
 P.C. STA. = 200+76.12
 P.T. STA. = 201+34.11

PROP. CURVE C2 83
 PI STA. = 201+66.37
 $\Delta = 33^\circ 15' 33''$ (RT)
 $D = 53^\circ 03' 06''$
 $R = 108.00'$
 $T = 32.26'$
 $L = 62.69'$
 $E = 4.71'$
 P.C. STA. = 201+34.11
 P.T. STA. = 201+96.80



PROJECT BEGINS
 STA 199+67.0
 (MATCH EXISTING)

PROJECT BEGINS
 STA 199+67.0
 (MATCH EXISTING)

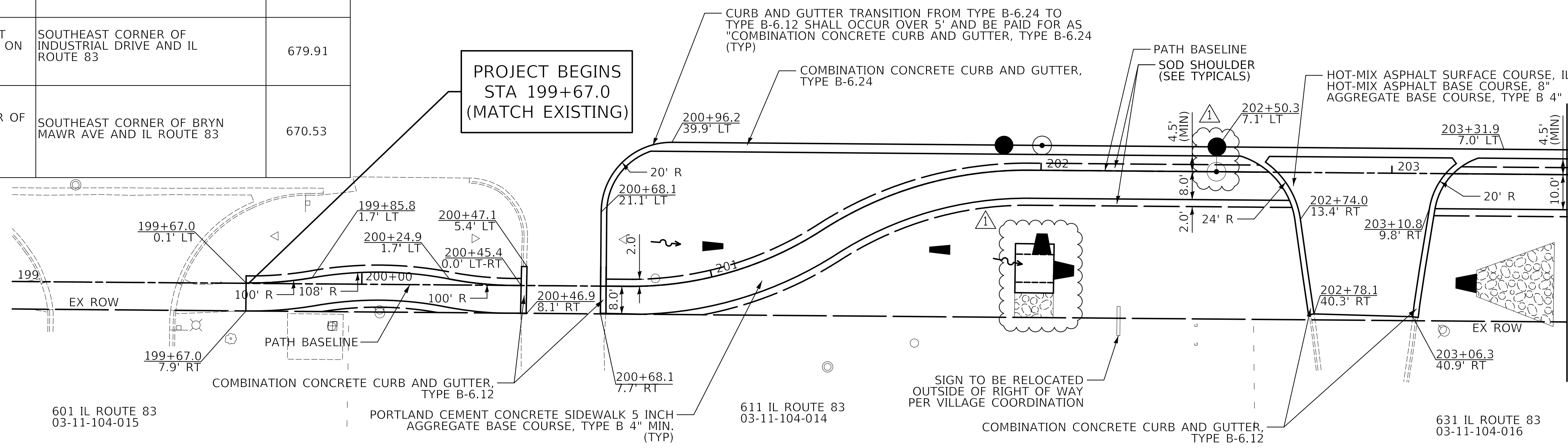
MATCH LINE STA 203+50
 SEE SHEET NO 20

MATCH LINE STA 203+50
 SEE SHEET NO 20

Route 83 Alignment			
DESCRIPTION	STATION	NORTHING	EASTING
BOA	195+45.00	1932479.2293	1086066.3128
PI	196+50.54	1932584.7510	1086064.4650
PI	196+56.10	1932590.2880	1086065.0150
PI	196+74.15	1932606.8430	1086072.2020
PI	196+78.41	1932611.0850	1086072.6110
PI	199+96.01	1932928.6791	1086070.6040
PC	200+76.12	1933008.7853	1086070.0885
PI	201+05.96	1933038.6217	1086069.8965
PRC	201+34.11	1933063.4749	1086053.3867
PI	201+66.37	1933090.3437	1086035.5380
PT	201+96.80	1933122.6001	1086035.3484
PI	205+80.32	1933506.1065	1086033.0951
PI	206+94.00	1933619.7913	1086032.6489
PI	212+21.36	1934147.1198	1086027.3605
PI	213+90.28	1934316.0354	1086025.6665
PC	221+47.45	1935073.1658	1086018.0735
PI	221+66.31	1935092.0237	1086017.8843
PRC	221+85.15	1935110.8423	1086019.1163
PI	222+03.86	1935129.5189	1086020.3389
PT	222+22.57	1935148.2346	1086020.1619
EOA	224+00.00	1935325.6667	1086018.4833

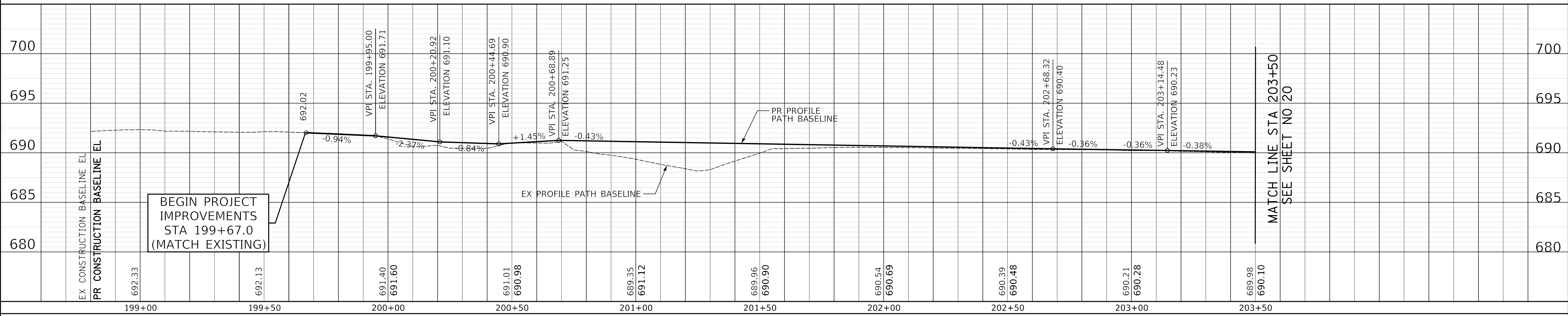
DATE	BY	REVISION

BM#	DESCRIPTION	LOCATION	Elevation
SITE BM #1	BONNET BOLT THAT ARROW POINTS TO ON FIRE HYDRANT	SOUTHEAST CORNER OF FOSTER AVE AND IL ROUTE 83	694.19
SITE BM #2	BONNET BOLT THAT ARROW POINTS TO ON FIRE HYDRANT	SOUTHEAST CORNER OF FAIRWAY DRIVE AND IL ROUTE 83	689.19
SITE BM #3	BONNET BOLT THAT ARROW POINTS TO ON FIRE HYDRANT	SOUTHEAST CORNER OF INDUSTRIAL DRIVE AND IL ROUTE 83	679.91
SITE BM #4	CUT SQUARE ON SOUTHEAST CORNER OF TRAFFIC SIGNAL MANHOLE	SOUTHEAST CORNER OF BRYN MAWR AVE AND IL ROUTE 83	670.53



	DETECTABLE WARNING
	TREE REMOVAL AND SIZE
	FLARED END SECTION WITH RIPRAP (SEE DRAINAGE AND UTILITY SHEETS 27 TO 32)
	UTILITY PROTECTION PAD (SEE DRAINAGE AND UTILITY SHEETS 27 TO 32)

DATE	BY	REVISION



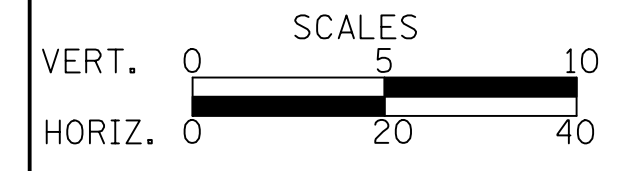
BEGIN PROJECT IMPROVEMENTS
 STA 199+67.0
 (MATCH EXISTING)

MATCH LINE STA 203+50
 SEE SHEET NO 20

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DRAWN - TGB	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/12/2020	REVISED -

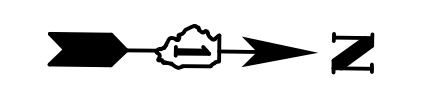
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



IL ROUTE 83
 BIKEPATH PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	19
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SHEET NO. 1 OF 6 SHEETS STA. 199+67.0 TO STA. 203+50

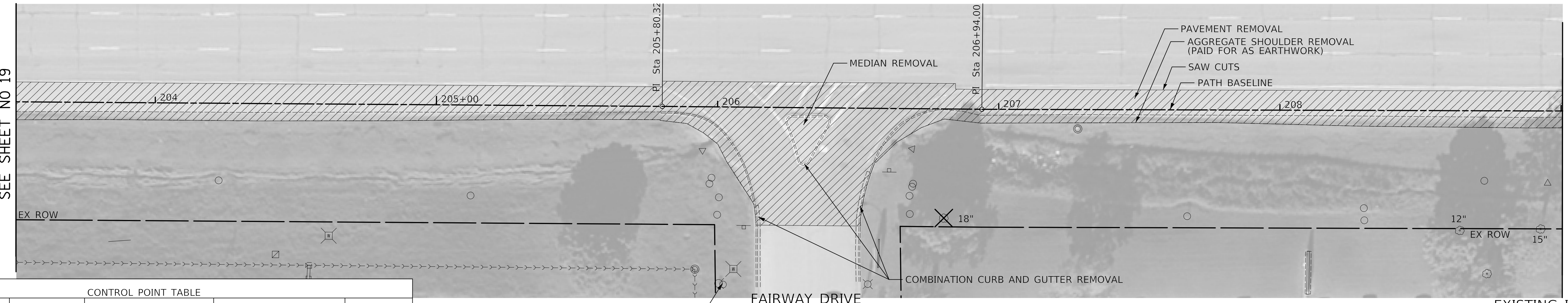


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MATCH LINE STA 203+50
SEE SHEET NO 19

MATCH LINE STA 209+00
SEE SHEET NO 21

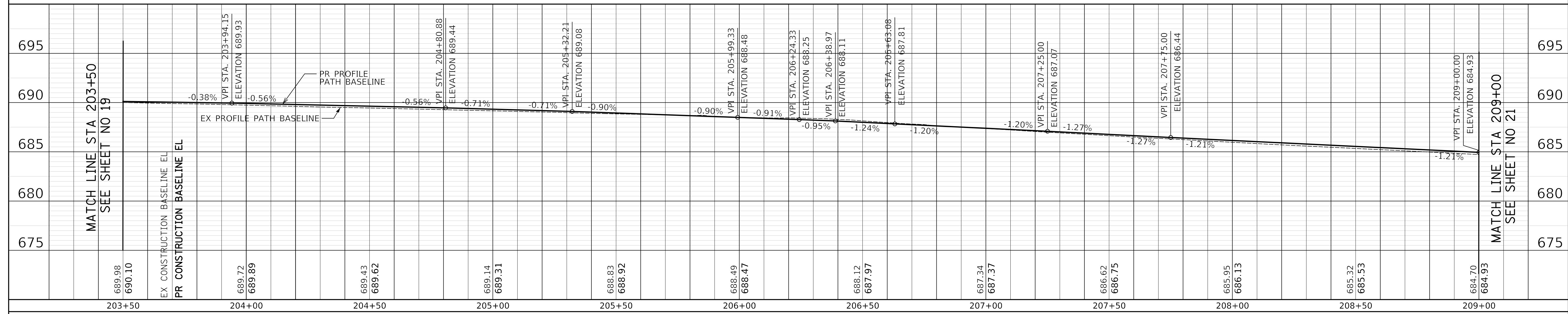
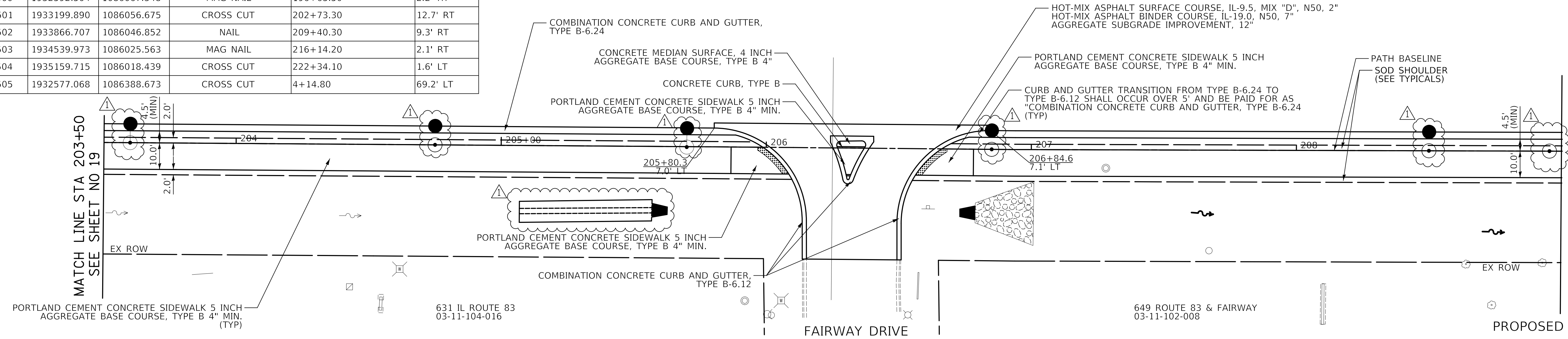


CONTROL POINT TABLE

CP#	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
500	1932592.504	1086067.348	MAG NAIL	196+63.50	2.2' RT
501	1933199.890	1086056.675	CROSS CUT	202+73.30	12.7' RT
502	1933866.707	1086046.852	NAIL	209+40.30	9.3' RT
503	1934539.973	1086025.563	MAG NAIL	216+14.20	2.1' RT
504	1935159.715	1086018.439	CROSS CUT	222+34.10	1.6' LT
505	1932577.068	1086388.673	CROSS CUT	4+14.80	69.2' LT

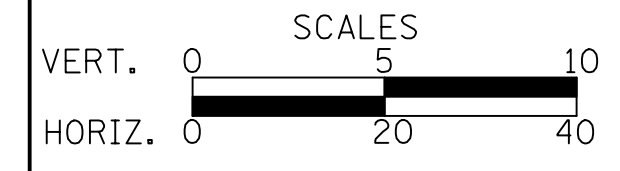
MATCH LINE STA 203+50
SEE SHEET NO 19

MATCH LINE STA 209+00
SEE SHEET NO 21



DESIGNED - JRR	REVISED - 4/10/2020
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CHECKED - KRK	REVISED -
DATE - 2/12/2020	REVISED -

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IL ROUTE 83
BIKEPATH PLAN AND PROFILE
SHEET NO. 2 OF 6 SHEETS STA. 203+50 TO STA. 209+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	20
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

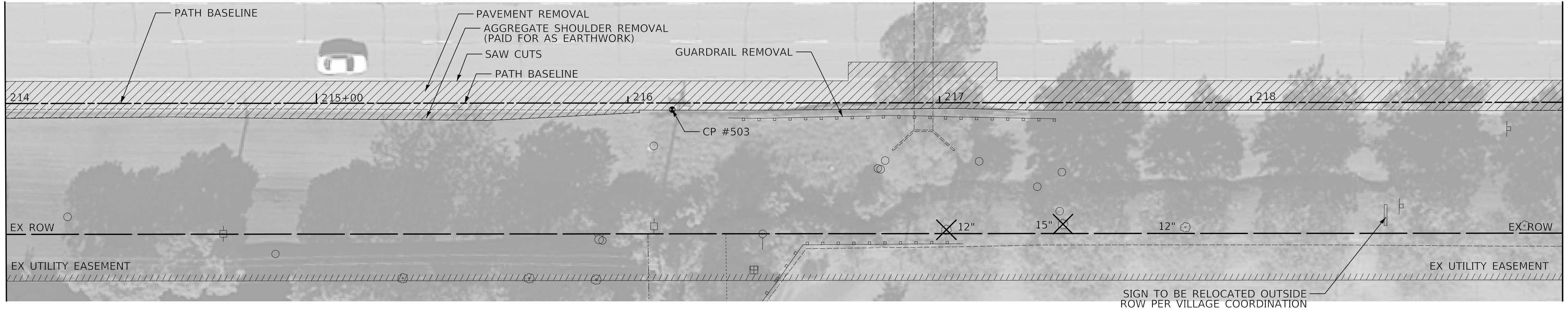
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Itasca, Illinois 60143
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PLAN	DATE
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
NO.	
BY	
DATE	

PROFILE	DATE
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
NO.	
BY	
DATE	

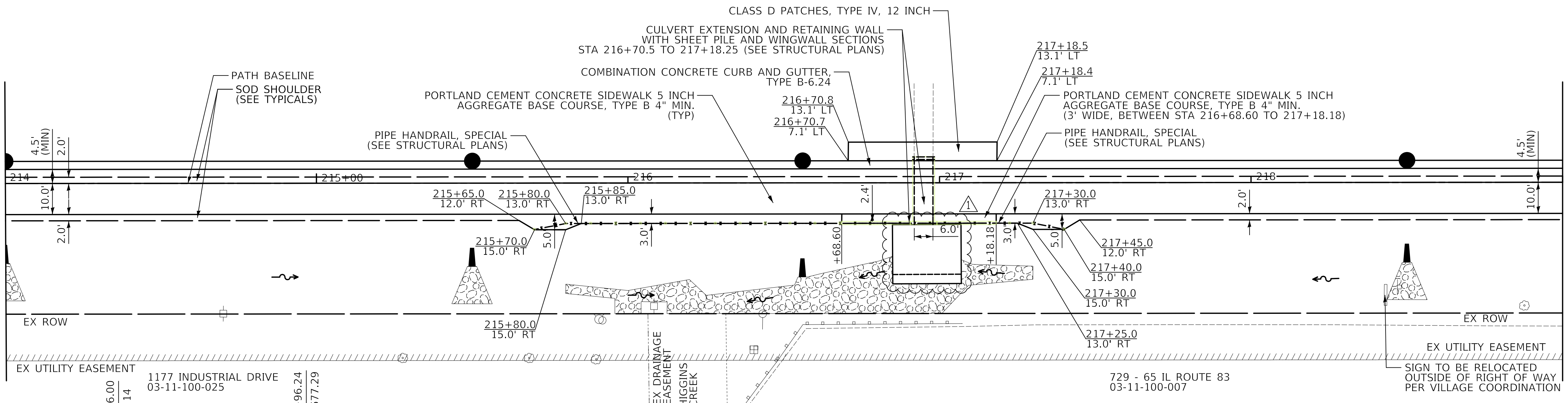
MATCH LINE STA 214+00
SEE SHEET NO 21



MATCH LINE STA 219+00
SEE SHEET NO 23

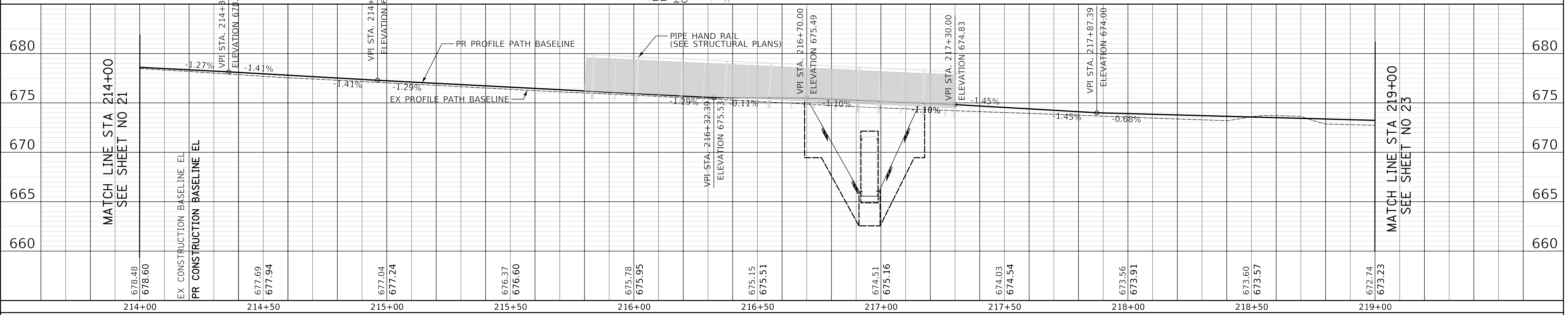
EXISTING IL ROUTE 83

MATCH LINE STA 214+00
SEE SHEET NO 21



MATCH LINE STA 219+00
SEE SHEET NO 23

PROPOSED IL ROUTE 83



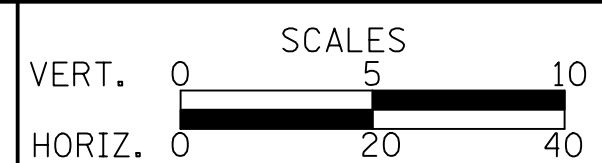
MATCH LINE STA 214+00
SEE SHEET NO 21

MATCH LINE STA 219+00
SEE SHEET NO 23

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CHECKED - KRK	REVISED -
DATE - 2/12/2020	REVISED -

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DEPARTMENT OF TRANSPORTATION



**IL ROUTE 83
BIKEPATH PLAN AND PROFILE**
SHEET NO. 4 OF 6 SHEETS STA. 214+00 TO STA. 219+00

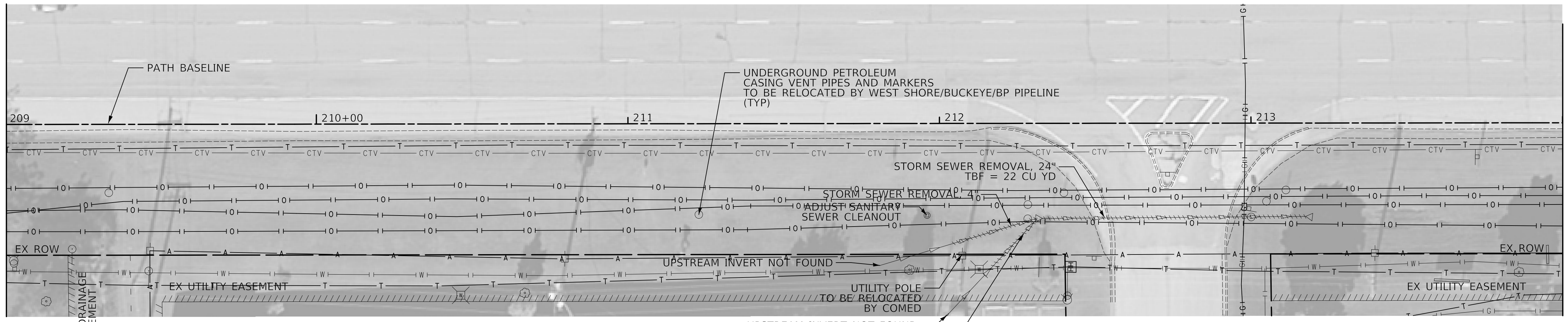
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	22
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



DATE	
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SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
NO. OF UTILITY CHECKED	
NO. OF ROAD FILE NAME	

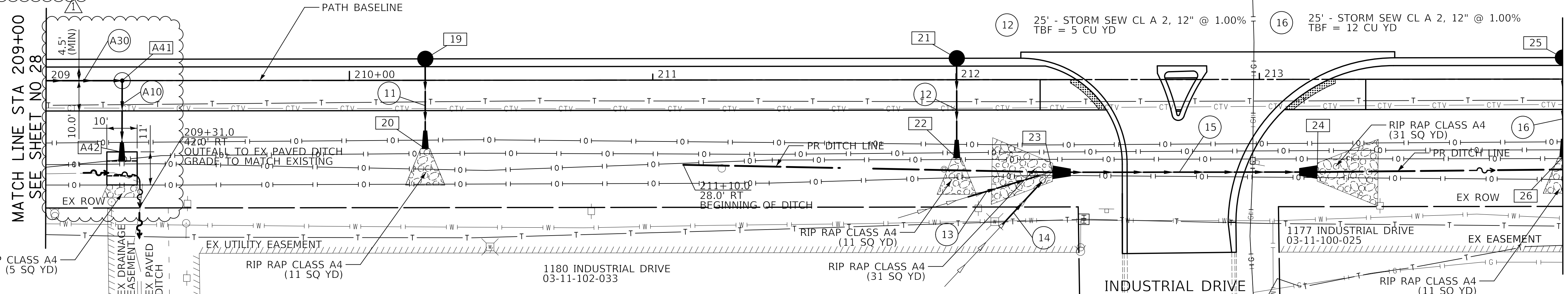
DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
NO. OF UTILITY CHECKED	
NO. OF ROAD FILE NAME	

MATCH LINE STA 209+00
SEE SHEET NO 28

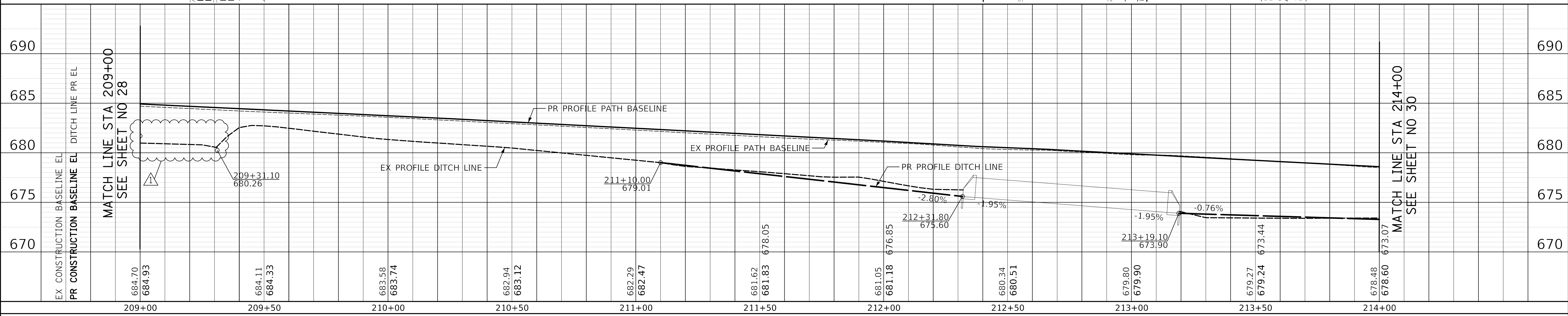


MATCH LINE STA 214+00
SEE SHEET NO 30

A41	STA. 209+25.0, 0' RT MAN TA 4 DIA TIF&CL RIM=684.63 INV=681.20 (18" S) INV=681.20 (18" E)	19	STA. 210+25.0, 7.1' LT CB TC T24F&G RIM = 683.65 INV = 680.93 (12" E)	21	STA. 212+00.0, 7.1' LT CB TC T24F&G RIM = 681.39 INV = 677.16 (12" E)	23	STA. 212+31.8, 30.6' RT PRC FLAR END SECTION 24" INV = 675.60	25	STA. 214+00.0, 7.1' LT CB TC T24F&G RIM = 678.81 INV = 673.38 (12" E)	A30	26' - STORM SEW CL A 1, 18" @ 0.25% TBF = 6 CU YD	13	10' - PIPE DRAINS, 4" @ 0.50% TBF = 0 CU YD
A42	STA. 209+25.0, 26.5' RT PRC FLAR END SECTION 18" INV = 681.14	20	STA. 210+25.0, 22.6' RT PRC FLAR END SECTION 12" INV = 680.65	22	STA. 212+00.0, 25.8' RT PRC FLAR END SECTION 12" INV = 676.85	24	STA. 213+19.1, 30.6' RT PRC FLAR END SECTION 24" INV = 673.90	26	STA. 214+00.0, 26.2' RT PRC FLAR END SECTION 12" INV = 673.07	A10	19' - STORM SEW CL A 1, 18" @ 0.25% TBF = 3 CU YD	14	10' - PIPE DRAINS, 6" @ 0.50% TBF = 0 CU YD
										11	22' - STORM SEW CL A 1, 12" @ 1.00% TBF = 3 CU YD	15	75' - STORM SEW CL A 1, 24" @ 1.95% TBF = 6 CU YD
										12	25' - STORM SEW CL A 2, 12" @ 1.00% TBF = 5 CU YD	16	25' - STORM SEW CL A 2, 12" @ 1.00% TBF = 12 CU YD



MATCH LINE STA 214+00
SEE SHEET NO 30

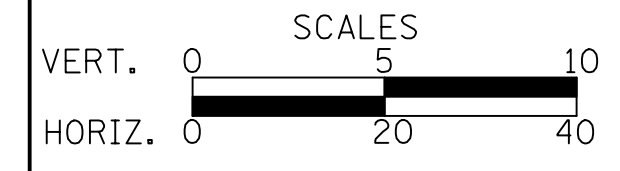


MATCH LINE STA 214+00
SEE SHEET NO 30

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CHECKED - KRK	REVISED -
DATE - 2/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



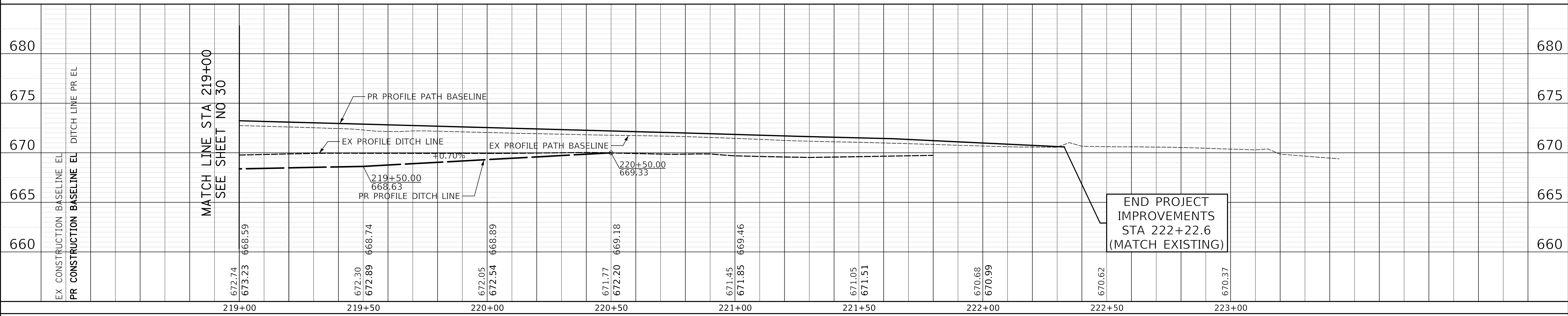
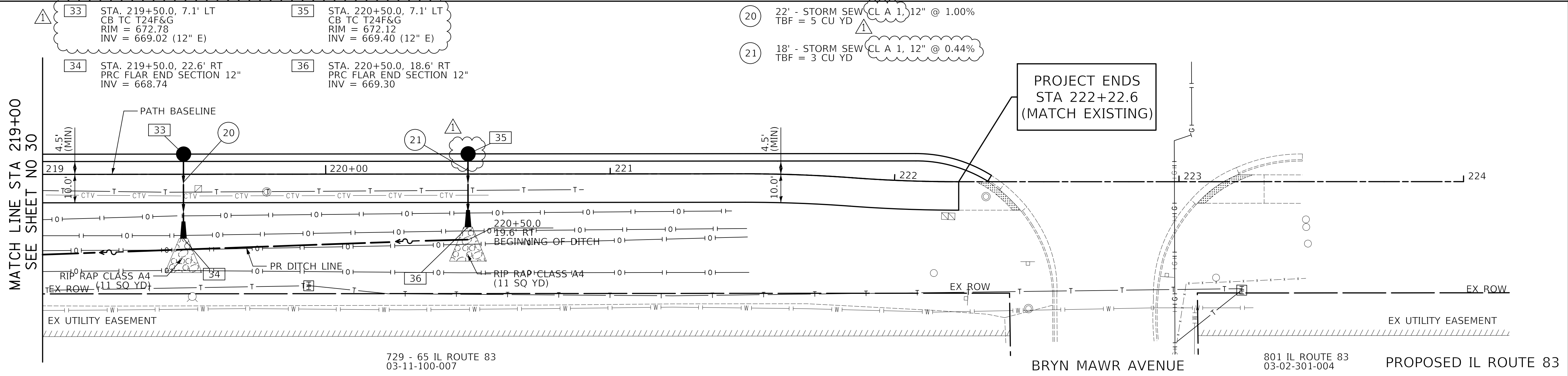
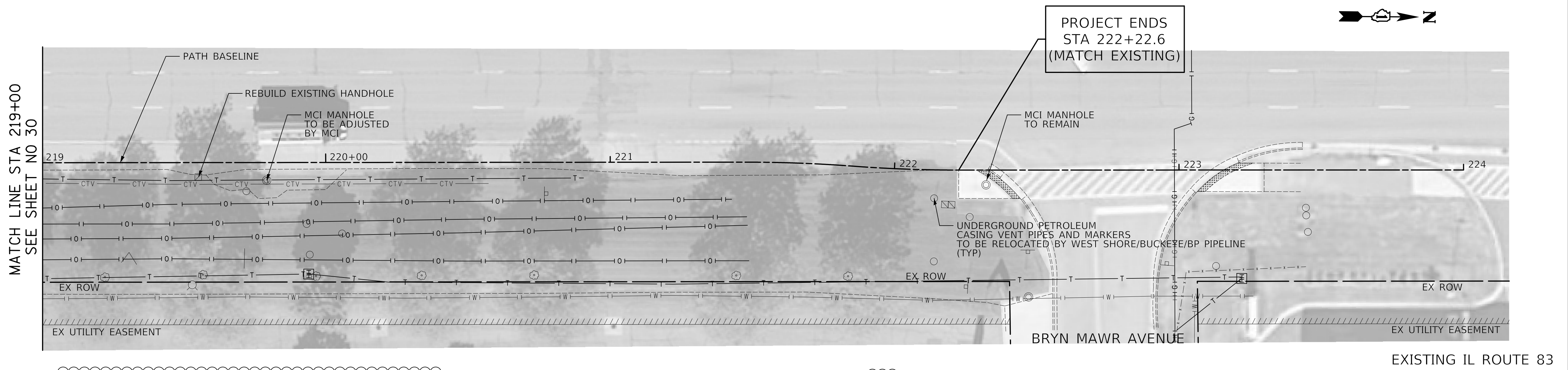
IL ROUTE 83
BIKEPATH DRAINAGE AND UTILITIES

F.A.P. RTE. 344	SECTION 17-00097-00-BT	COUNTY DUPAGE	TOTAL SHEETS 77	SHEET NO. 29
CONTRACT NO. 61G06			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	

SHEET NO. 3 OF 6 SHEETS STA. 209+00 TO STA. 214+00

DATE	
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PLANNED	
NOTED	
NO. OF WAY CHECKED	
NO. OF STRUCTURE NOTATIONS CHECKED	
NO. OF ROAD FILE NAME	

DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO. OF WAY CHECKED	
NO. OF STRUCTURE NOTATIONS CHECKED	
NO. OF ROAD FILE NAME	



DESIGNED - JRR	REVISED - 4/10/2020
DRAWN - TGB	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



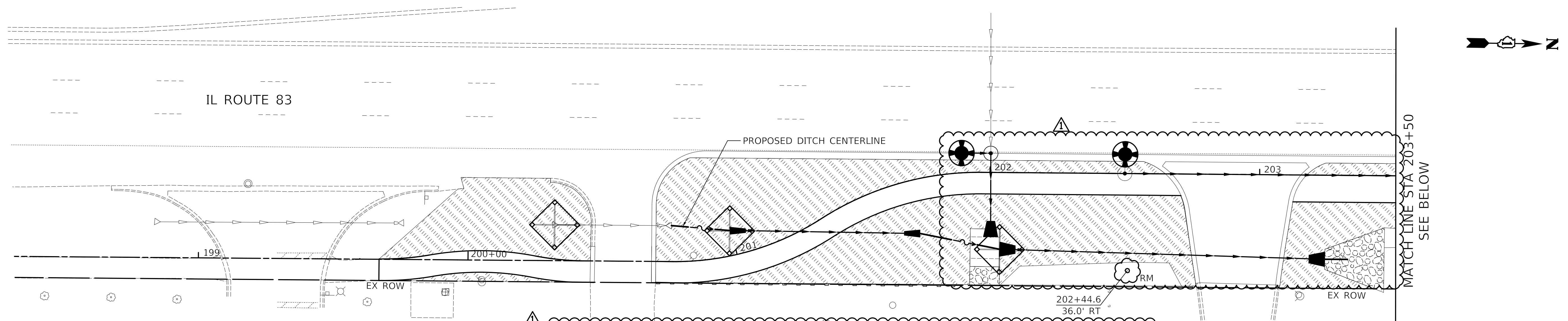
IL ROUTE 83
BIKEPATH DRAINAGE AND UTILITIES

SHEET NO. 5 OF 6 SHEETS STA. 219+00 TO STA. 222+22.6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	31
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
 NOTE BOOK NO.: _____
 CAD FILE NAME: _____

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____
 NOTE BOOK NO.: _____
 STRUCTURE NOTATIONS: CHKD



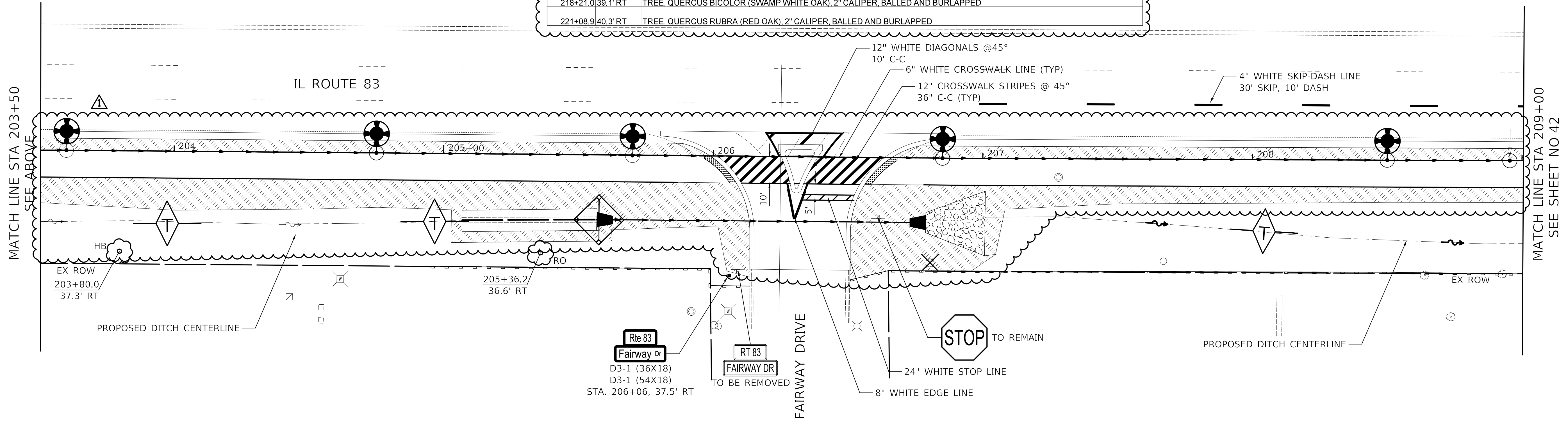
LEGEND

- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- TOPSOIL PLACEMENT 6" (SEE NOTE 1)
- SODDING, SALT TOLERANT
- SEEDING, CLASS 4A (MODIFIED)
- TOPSOIL PLACEMENT 6" (SEE NOTE 1)
- EROSION CONTROL BLANKET
- INLET FILTERS
- INLET AND PIPE PROTECTION (PAID FOR AS 16 LF OF TEMPORARY DITCH CHECKS, AND 1 INLET FILTER)
- TEMPORARY DITCH CHECKS
- TREE PROTECTION (PAID FOR AS 40 LF TEMPORARY FENCE, TREE ROOT PRUNING, AND TREE PRUNING)
- PROPOSED TREE AND TYPE
 RM = RED MAPLE
 HB = COMMON HACKBERRY
 WO = WHITE OAK
 RO = RED OAK
- PROPOSED SHRUB (COMMON ELDERBERRY)
- PERIMETER EROSION BARRIER, ROLLED EXCELSIOR

STA	OFFSET	TREE NAME
202+44.6	36.0' RT	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED
203+80.0	37.3' RT	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED
205+36.2	36.6' RT	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED
210+15.5	35.4' RT	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED
211+38.8	35.1' RT	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED
215+93.5	38.0' RT	SHRUB, SAMBUCUS CANADENSIS (COMMON ELDERBERRY), 3' HEIGHT BALLED AND BURLAPPED
216+25.7	24.2' RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
216+42.8	26.3' RT	SHRUB, SAMBUCUS CANADENSIS (COMMON ELDERBERRY), 3' HEIGHT BALLED AND BURLAPPED
216+63.6	25.2' RT	SHRUB, SAMBUCUS CANADENSIS (COMMON ELDERBERRY), 3' HEIGHT BALLED AND BURLAPPED
216+67.7	18.1' RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
217+12.8	38.9' RT	SHRUB, SAMBUCUS CANADENSIS (COMMON ELDERBERRY), 3' HEIGHT BALLED AND BURLAPPED
217+29.4	41.1' RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
217+55.7	40.1' RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
218+21.0	39.1' RT	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED
221+08.9	40.3' RT	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED

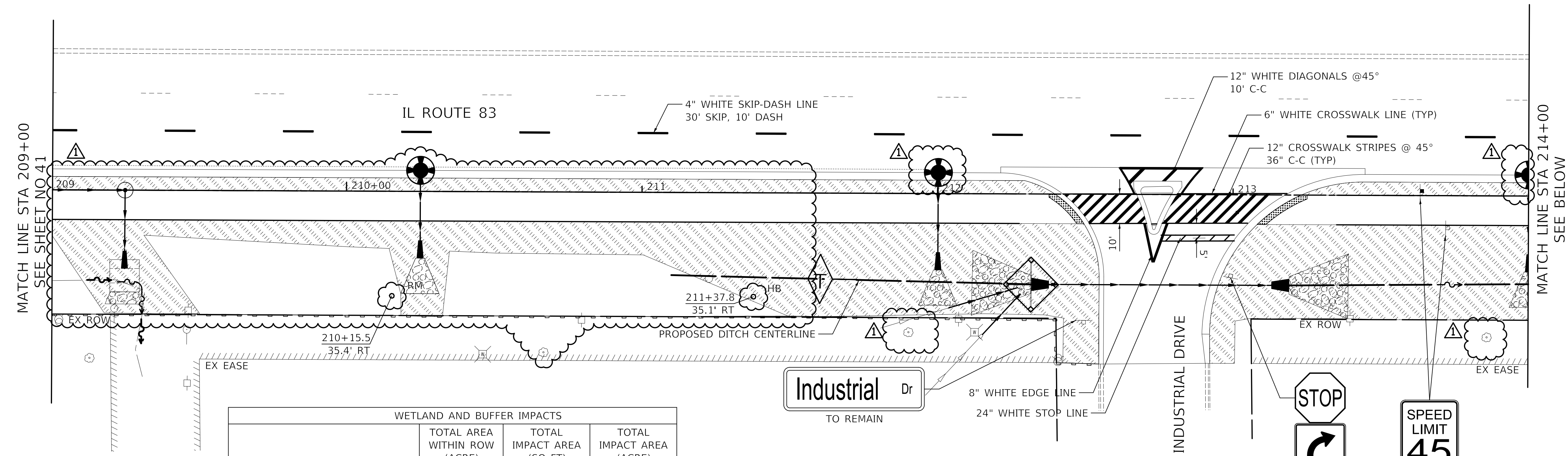
NOTES

- TOPSOIL EXCAVATION AND PLACEMENT SHALL BE USED FIRST FOR PLACEMENT OF 6" OF TOPSOIL. IF SUFFICIENT EXISTING TOPSOIL IS NOT AVAILABLE, THE REMAINING AREA SHALL BE COMPLETED USING THE PAY ITEM "TOPSOIL, FURNISH AND PLACE 6"
- ALL PROPOSED PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- QUANTITY INCLUDED TO PLACE INLET FILTERS ON FIRST OPEN LID STRUCTURES EAST OF IL ROUTE 83 ALONG FAIRWAY DRIVE AND INDUSTRIAL DRIVE.



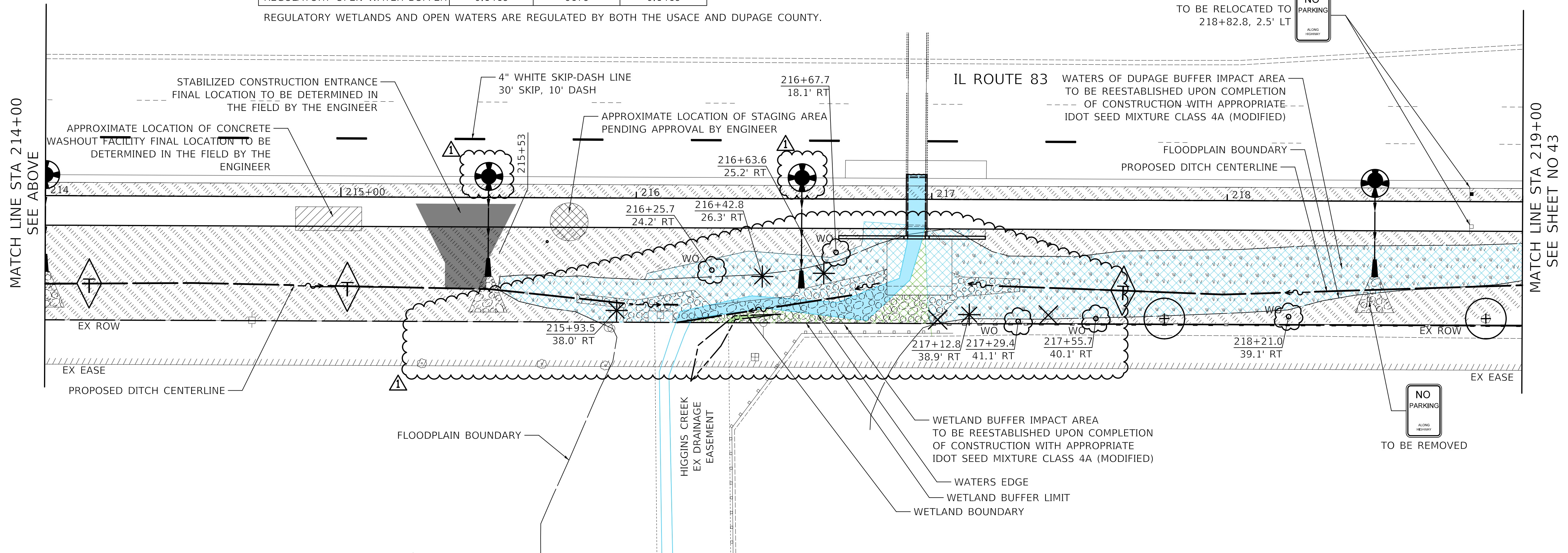
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	BY	
	NO. OF WAY CHECKED	
	DATE	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	DATE	
	FILE NAME	



WETLAND AND BUFFER IMPACTS			
	TOTAL AREA WITHIN ROW (ACRE)	TOTAL IMPACT AREA (SQ FT)	TOTAL IMPACT AREA (ACRE)
REGULATORY WETLANDS	0.0003	14	0.0003
REGULATORY WETLAND BUFFER	0.0096	419	0.0096
REGULATORY OPEN WATER	0.0131	572	0.0131
REGULATORY OPEN WATER BUFFER	0.1419	6179	0.1419

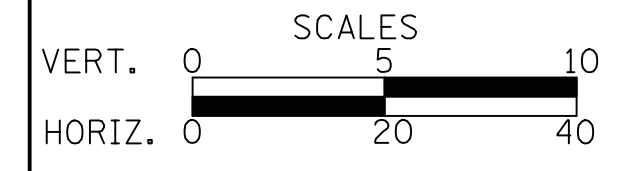
REGULATORY WETLANDS AND OPEN WATERS ARE REGULATED BY BOTH THE USACE AND DUPAGE COUNTY.



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DATE	2/12/2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



**SIGNING, PAVEMENT MARKING,
 EROSION CONTROL, & LANDSCAPING
 IL ROUTE 83**

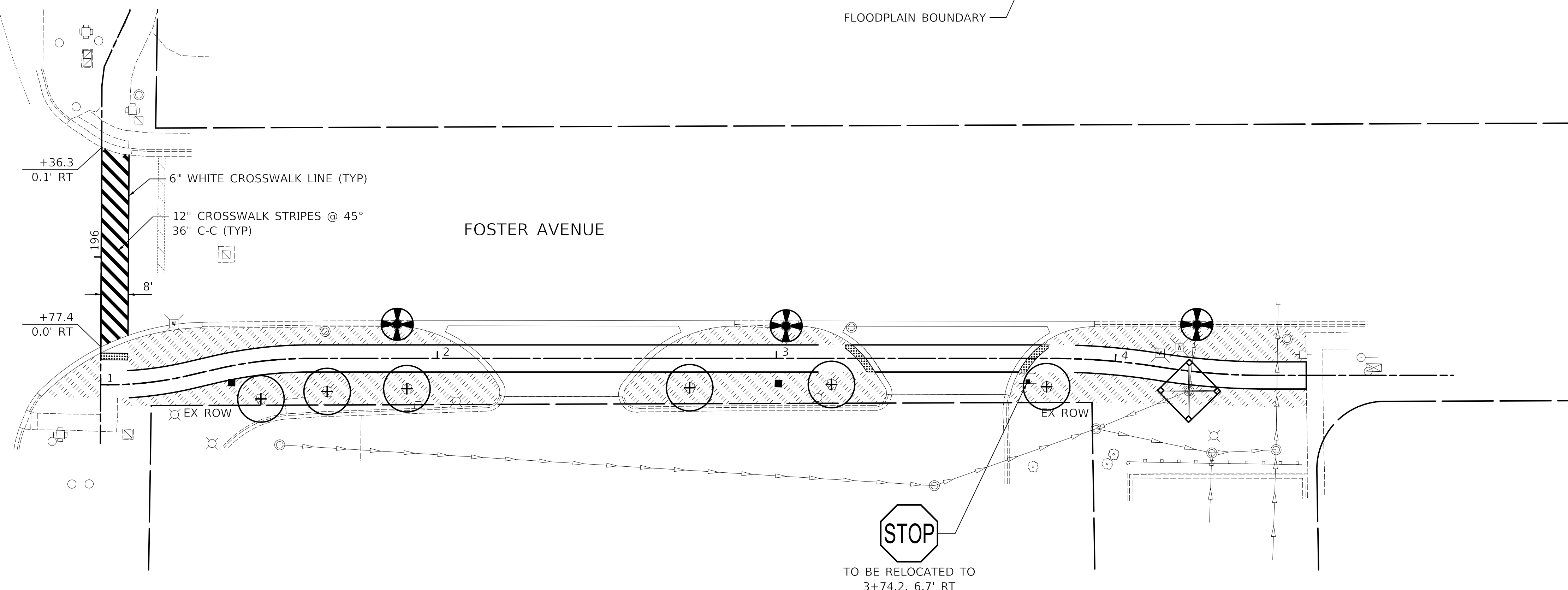
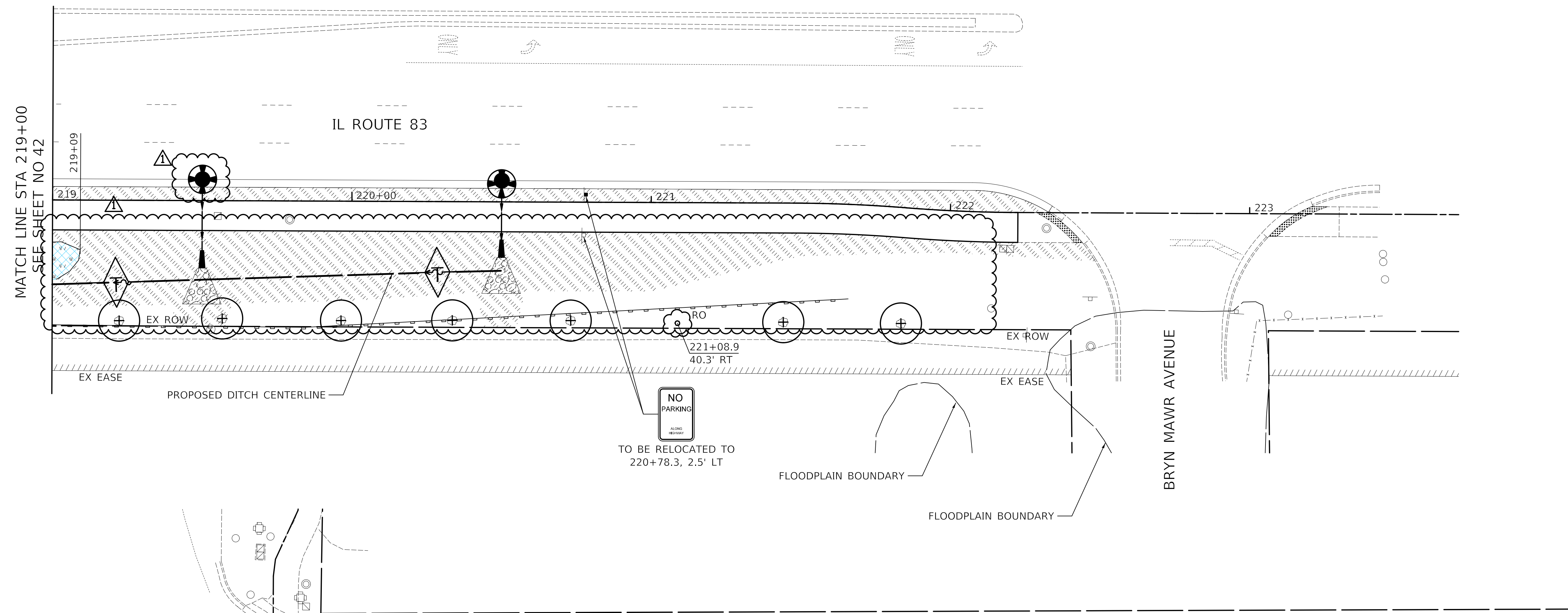
SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	42
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	



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DRAWN - TGB	REVISED -	
CHECKED - KRK	REVISED -	
DATE - 2/12/2020	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

VERT.	0	5	10
HORIZ.	0	20	40

SCALES

**SIGNING, PAVEMENT MARKING,
EROSION CONTROL, & LANDSCAPING
IL ROUTE 83 AND FOSTER AVENUE**

SHEET NO. 3 OF 3 SHEETS STA. TO STA.

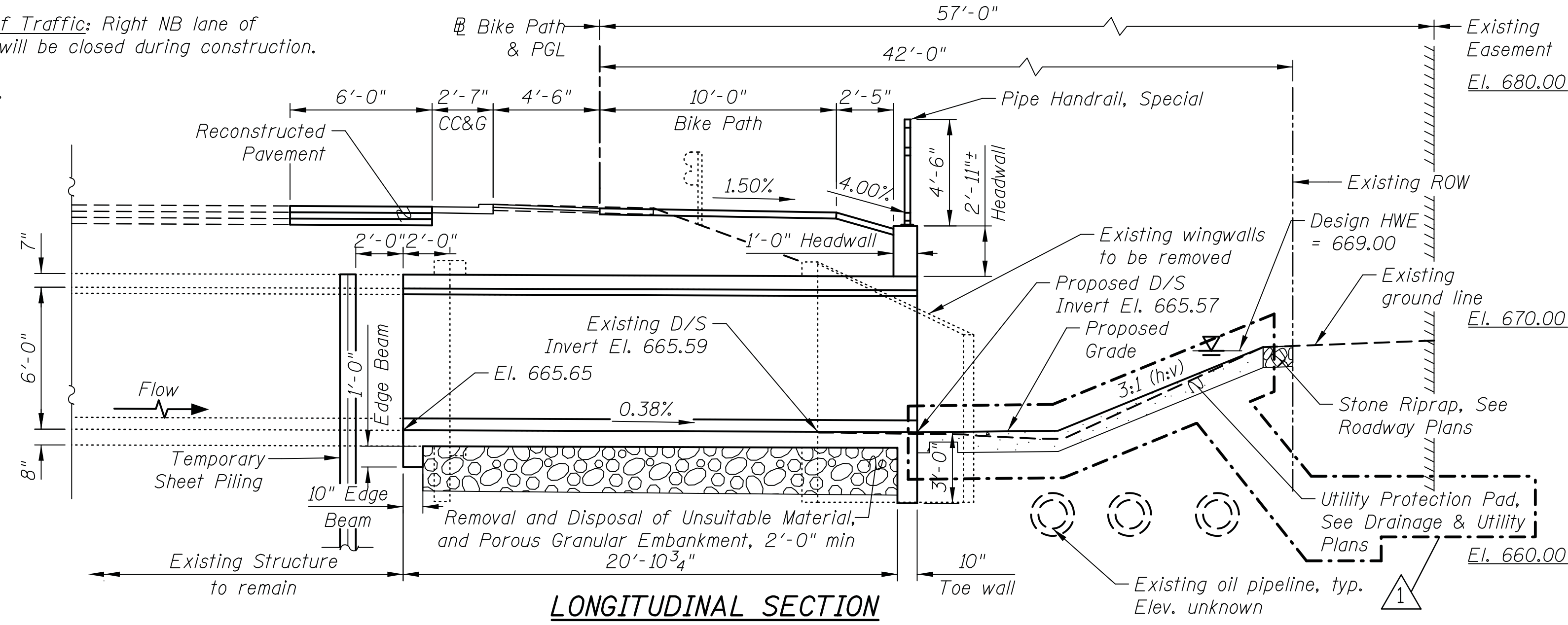
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	17-00097-00-BT	DUPAGE	77	43
				CONTRACT NO. 61G06
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Benchmark: Site BM #3, bonnet bolt that arrow points to on fire hydrant at the southeast corner of Industrial Drive and IL Route 83.

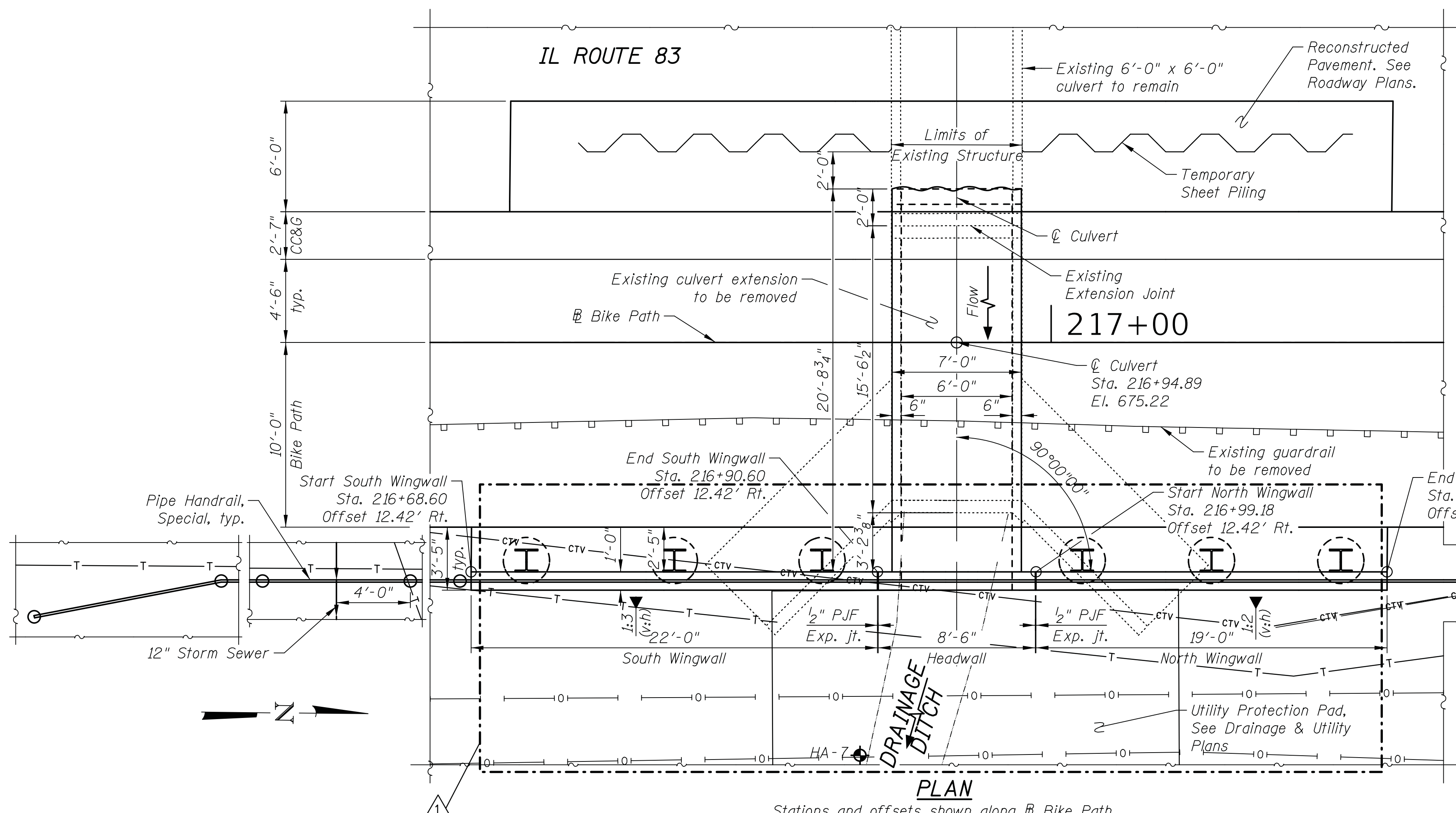
Existing Structure: Original 50'-0" long structure built in 1938. Structure then extended on both ends in 1973 as part of a roadway widening. Consists of a 122'-4" long, 6'-0" x 6'-0" cast-in-place concrete box culvert. Structure No. 022-2021.

Maintenance of Traffic: Right NB lane of IL Route 83 will be closed during construction.

Salvage: None.



LONGITUDINAL SECTION
(Looking North)
Dimensions and cross slopes at Rt. L's to
centerline of Bike Path unless otherwise noted



PLAN
Stations and offsets shown along centerline of Bike Path

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans and subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

WATERWAY INFORMATION

Drainage Area = 0.14 sq. miles Low Grade Elev. 674.45 @ Sta. 216+95.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	2	33	12.0	12.0	668.0	0.0	0.0	667.7	667.7
	10	102	18.3	18.3	669.0	0.3	0.3	669.3	669.4
Design	30	106	18.3	18.3	669.0	0.4	0.4	669.4	669.5
	50	133	21.9	21.9	669.6	0.7	0.7	670.3	670.3
Base	100	170	23.4	23.4	669.9	1.1	1.1	670.9	670.9
Max. Calc.	500	218	27.7	27.7	670.6	1.3	1.3	671.9	671.9

10-Year Velocity through Existing Culvert = 2.07 fps
10-Year Velocity through Proposed Culvert = 2.04 fps

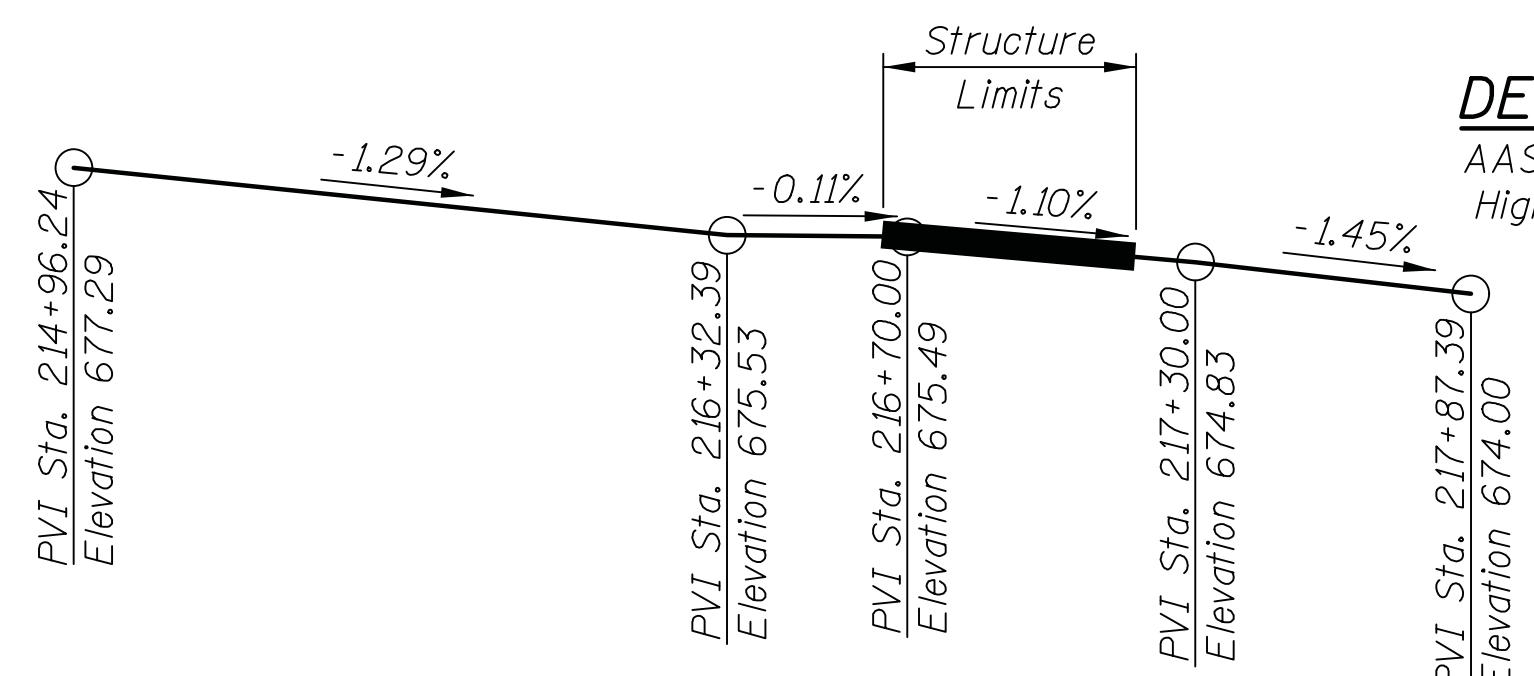
DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50, Soldier Pile)

LOADING HS-20

Allow 50#/sq. ft. for future wearing surface.
Design Fill Height = 3 ft.

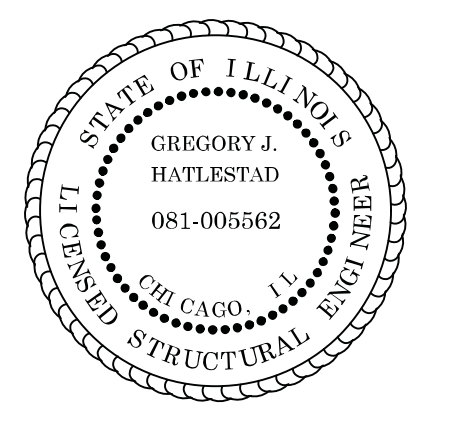


PROFILE GRADE
(along centerline of Bike Path)

INDEX OF SHEETS

- S1 General Plan & Longitudinal Section
- S2 Wingwall Elevation & General Data
- S3 Temporary Sheet Piling & Removal Plan
- S4 Culvert Extension Details
- S5 Wingwall Elevations
- S6 Wingwall Details
- S7 Soil Boring Logs I
- S8 Soil Boring Logs II

CIVILTECH ENGINEERING, INC.
GREGORY J. HATLESTAD, S.E.



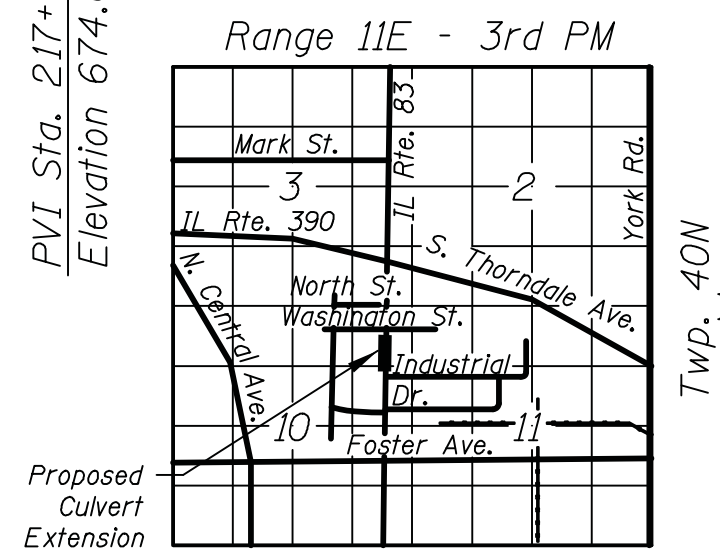
GREGORY J. HATLESTAD, S.E.
081-005562

EXP 11-30-2020
DATE 04-03-2020

I certify that to the best of knowledge, information and belief, this retaining wall and culvert design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.

DESIGN SPECIFICATIONS

AASHTO Standard Specifications for Highway Bridges, 17th Edition 2002



LOCATION SKETCH

**GENERAL PLAN & LONGITUDINAL SECTION
IL ROUTE 83 BIKE PATH
OVER DRAINAGE DITCH**

F.A.P. RTE. 0344
DUPAGE COUNTY
STA. 216+94.89
STRUCTURE NO. 022-2021

LEGEND

- Existing Guardrail
- Existing Telephone Line
- Existing Cable Line
- Existing Oil Pipeline
- Soil Boring

GENERAL PLAN AND LONGITUDINAL SECTION
STRUCTURE NO. 022-2021
SHEET NO. S1 OF S8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0344	17-00097-00-BT	DUPAGE	77	44
CONTRACT NO. 61G06				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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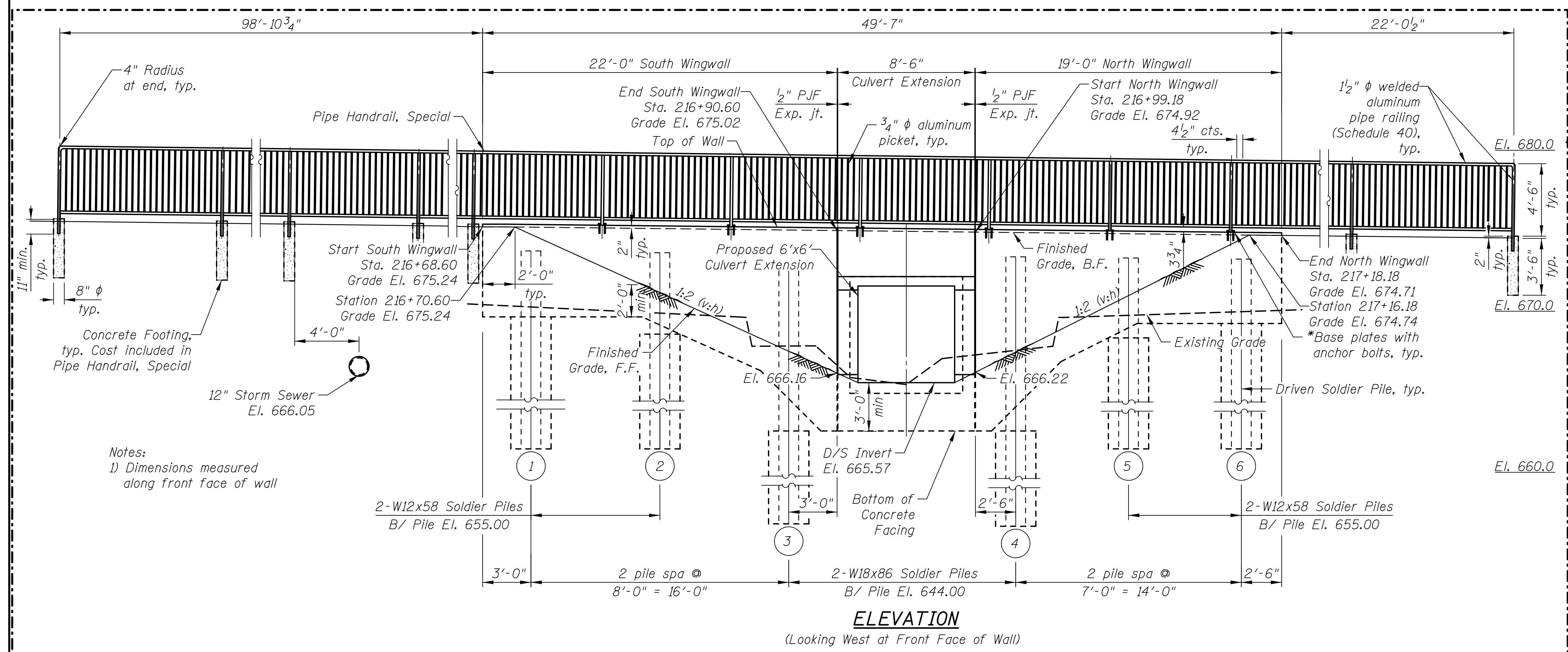
CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DRAWN - MPR	REVISED - 4/3/2020
DESIGNED - MPR	REVISED -
CHECKED - GJH	REVISED -
DATE - 4/8/2020	REVISED -

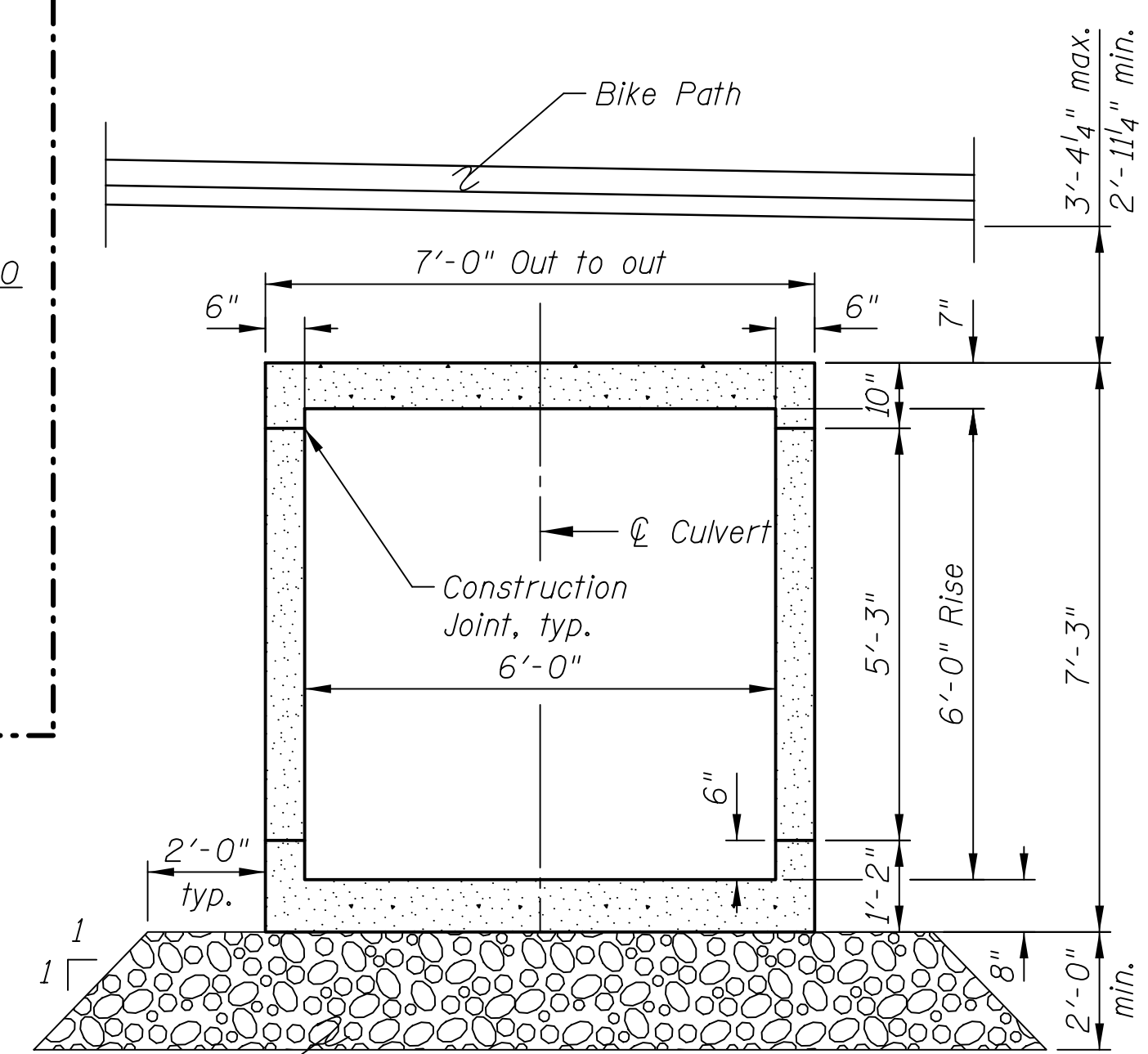
VILLAGE OF BENSENVILLE

TOTAL BILL OF MATERIAL

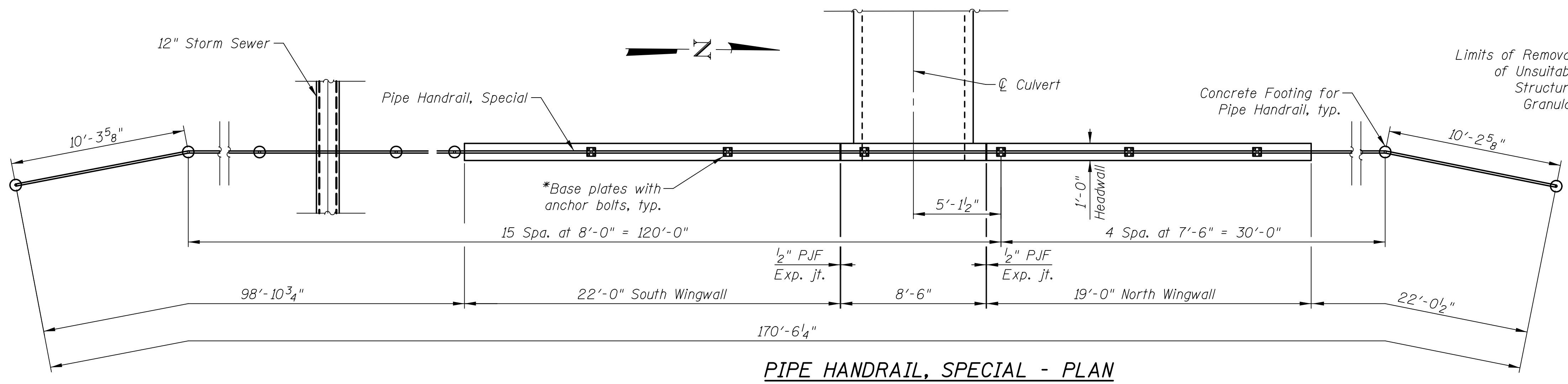
ITEM	UNIT	TOTAL QUANTITY
Porous Granular Embankment	Cu. Yd.	20
Porous Granular Backfill	Cu. Yd.	10
Concrete Removal	Cu. Yd.	18.4
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	20
Stud Shear Connectors	Each	40
Reinforcement Bars, Epoxy Coated	Pound	3,460
Temporary Sheet Piling	Sq. Ft.	893
Furnishing Soldier Piles (W Section)	Foot	133
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	527
Untreated Timber Lagging	Sq. Ft.	103
Concrete Structures (Retaining Wall)	Cu. Yd.	11.3
Expansion Bolts 3/4 Inch	Each	16
Concrete Box Culverts	Cu. Yd.	14.1
Geocomposite Wall Drain	Sq. Yd.	8
Pipe Handrail, Special	Foot	171



ELEVATION
(Looking West at Front Face of Wall)



SECTION THRU BARREL
(Looking West)



PIPE HANDRAIL, SPECIAL - PLAN

- Pipe Handrail, Special Notes:**
- All posts and rails shall be formed from extruded 6063-T6 aluminum of 1.5" inside diameter schedule 40 pipe size (1.9" outside diameter).
 - All fasteners in the system will be stainless steel.
 - Pipe handrail will be factory coated with a black powder coat finish.
 - All connections shall be welded. Non-welded connections shall not be used.
- *Drill and set 5/8" φ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the Manufacturer's specifications.

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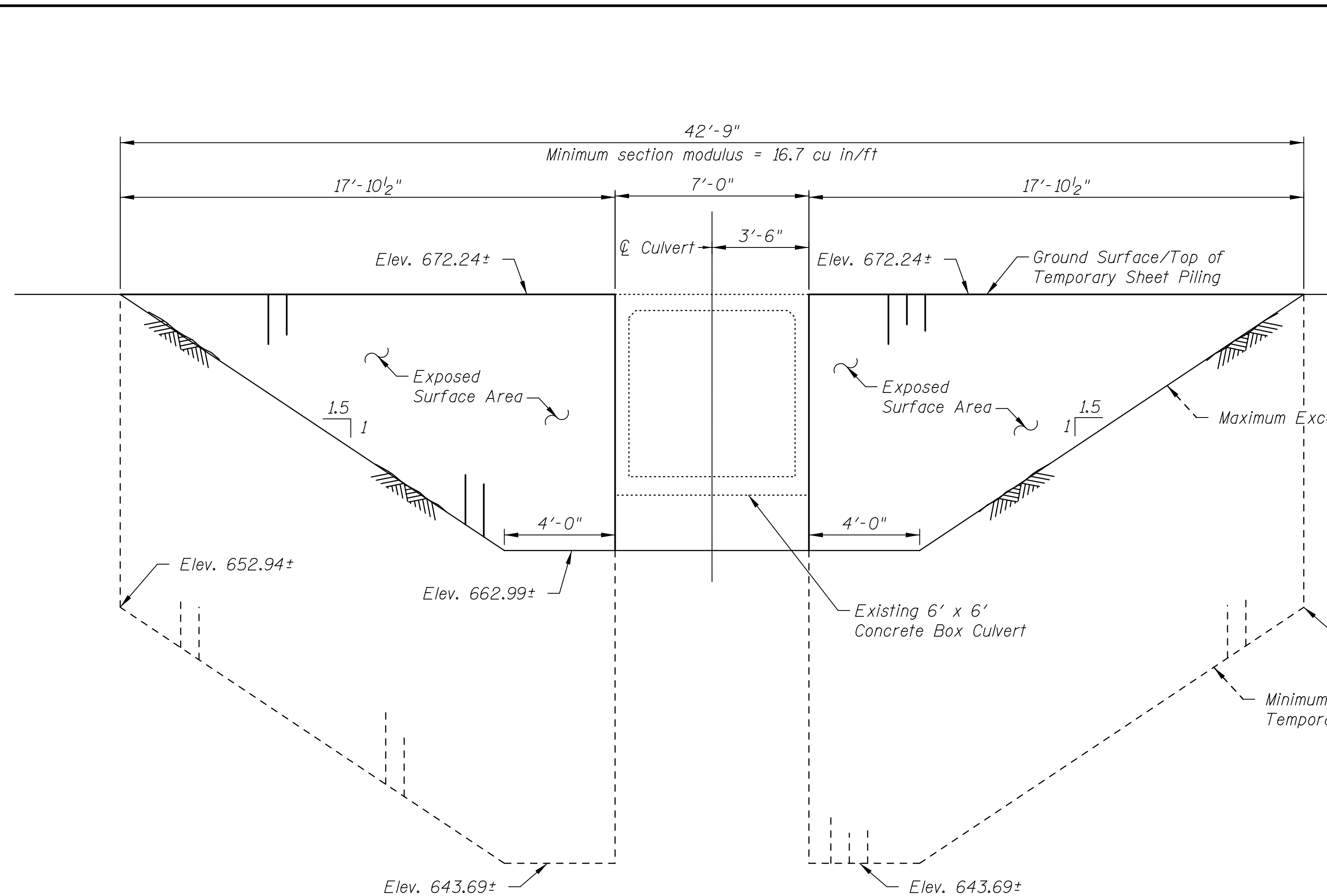
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DESIGNED - MPR	REVISED -
CHECKED - GJH	REVISED -
DATE - 4/6/2020	REVISED -

VILLAGE OF BENSENVILLE

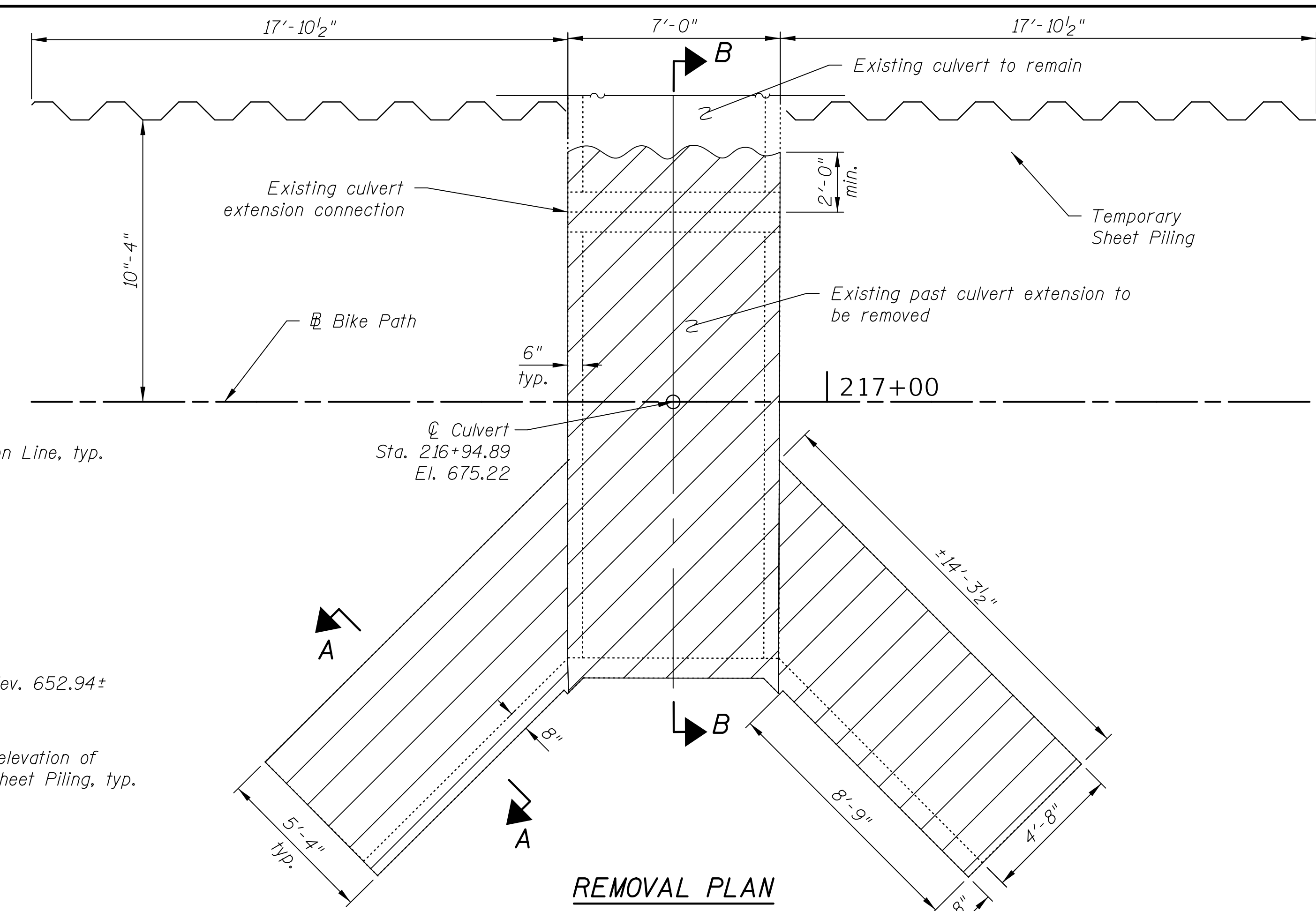
WINGWALL ELEVATION & GENERAL DATA
STRUCTURE NO. 022-2021

SHEET NO. S2 OF S8 SHEETS

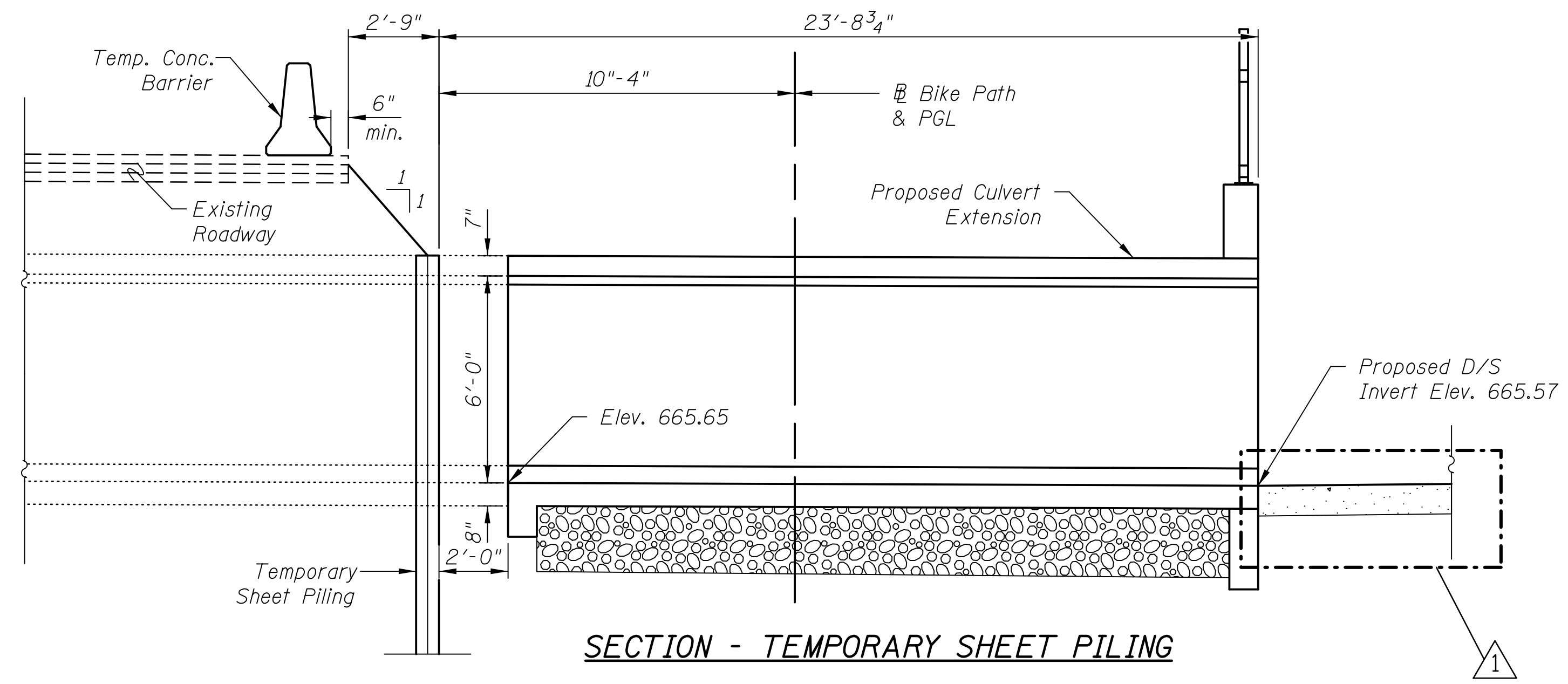
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



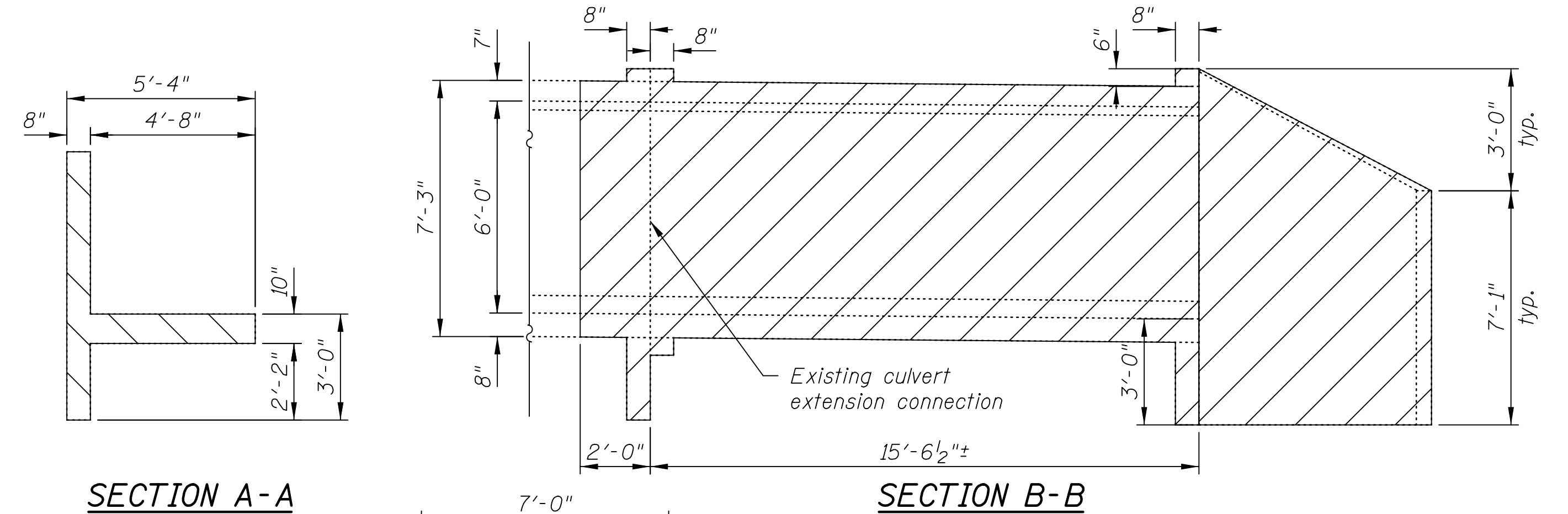
ELEVATION - TEMPORARY SHEET PILING



REMOVAL PLAN

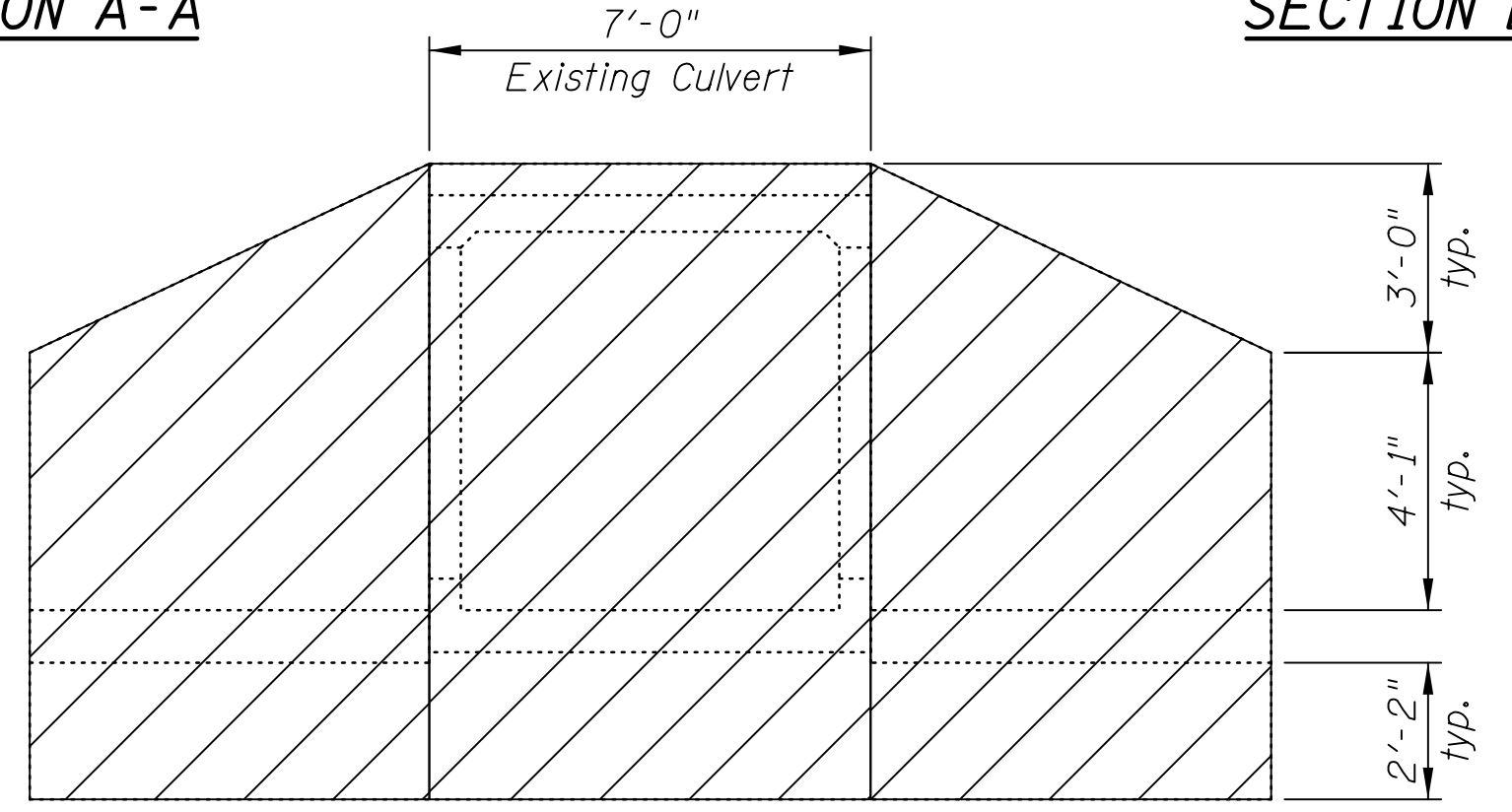


SECTION - TEMPORARY SHEET PILING



SECTION A-A

SECTION B-B



REMOVAL ELEVATION

- Removal Notes:**
1. Remove existing headwall, wingwalls, and barrel to a minimum of 2 feet past existing culvert extension connection, to be paid for as "Concrete Removal".
 2. Contractor shall field verify all existing dimensions.
 3. See General Notes on Sheet S1.
 4. Existing reinforcement bars in original culvert to be cleaned, straightened, and placed in proposed culvert extension. Cost included with Concrete Removal.

BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	18.4
Temporary Sheet Piling	Sq. Ft.	893

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Itasca, Illinois 60143
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www.civiltechinc.com

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DESIGNED - MPR	REVISED -
CHECKED - GJH	REVISED -
DATE - 4/7/2020	REVISED -

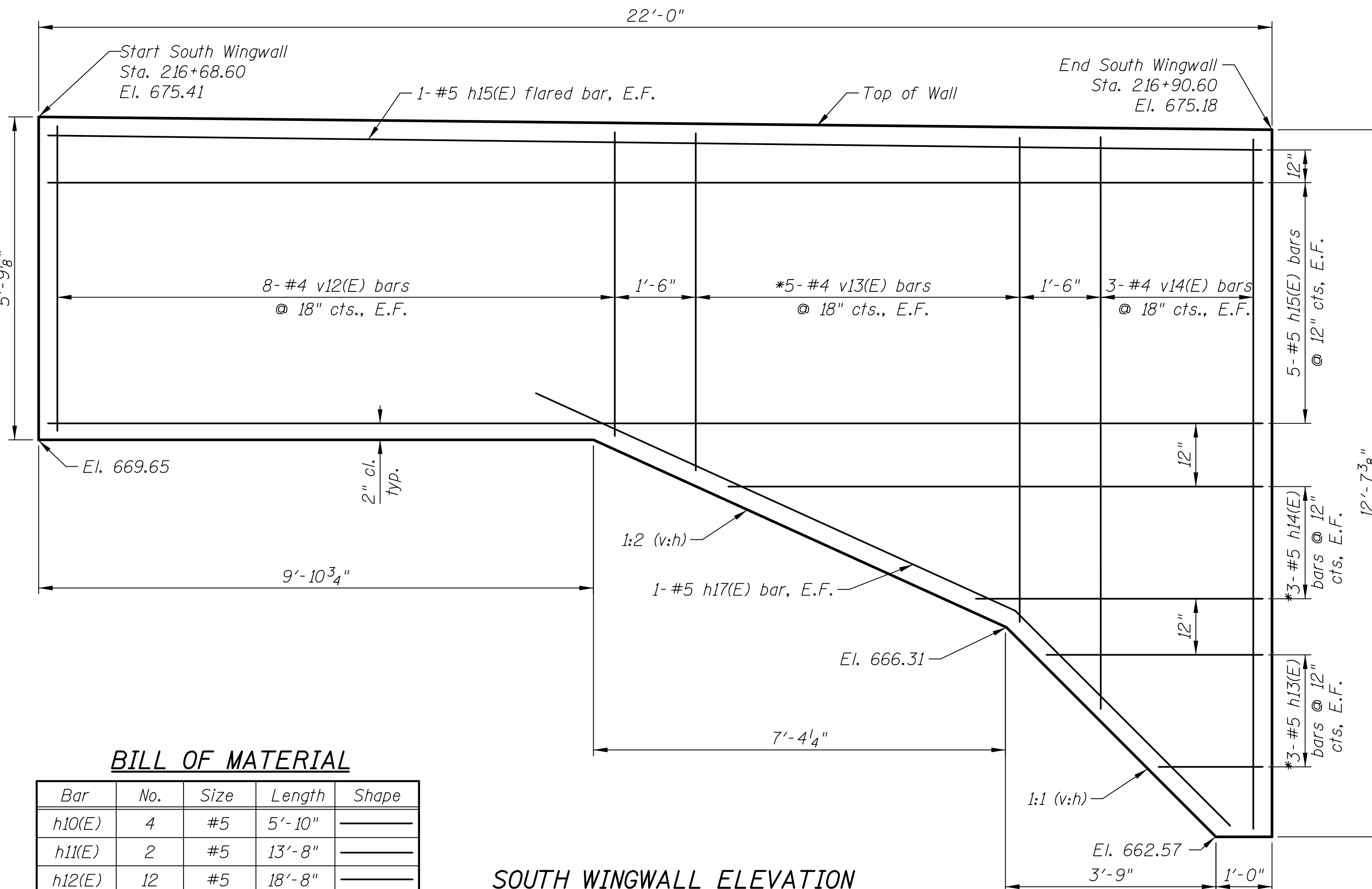
VILLAGE OF BENSENVILLE

TEMPORARY SHEET PILING & REMOVAL PLAN
STRUCTURE NO. 022-2021

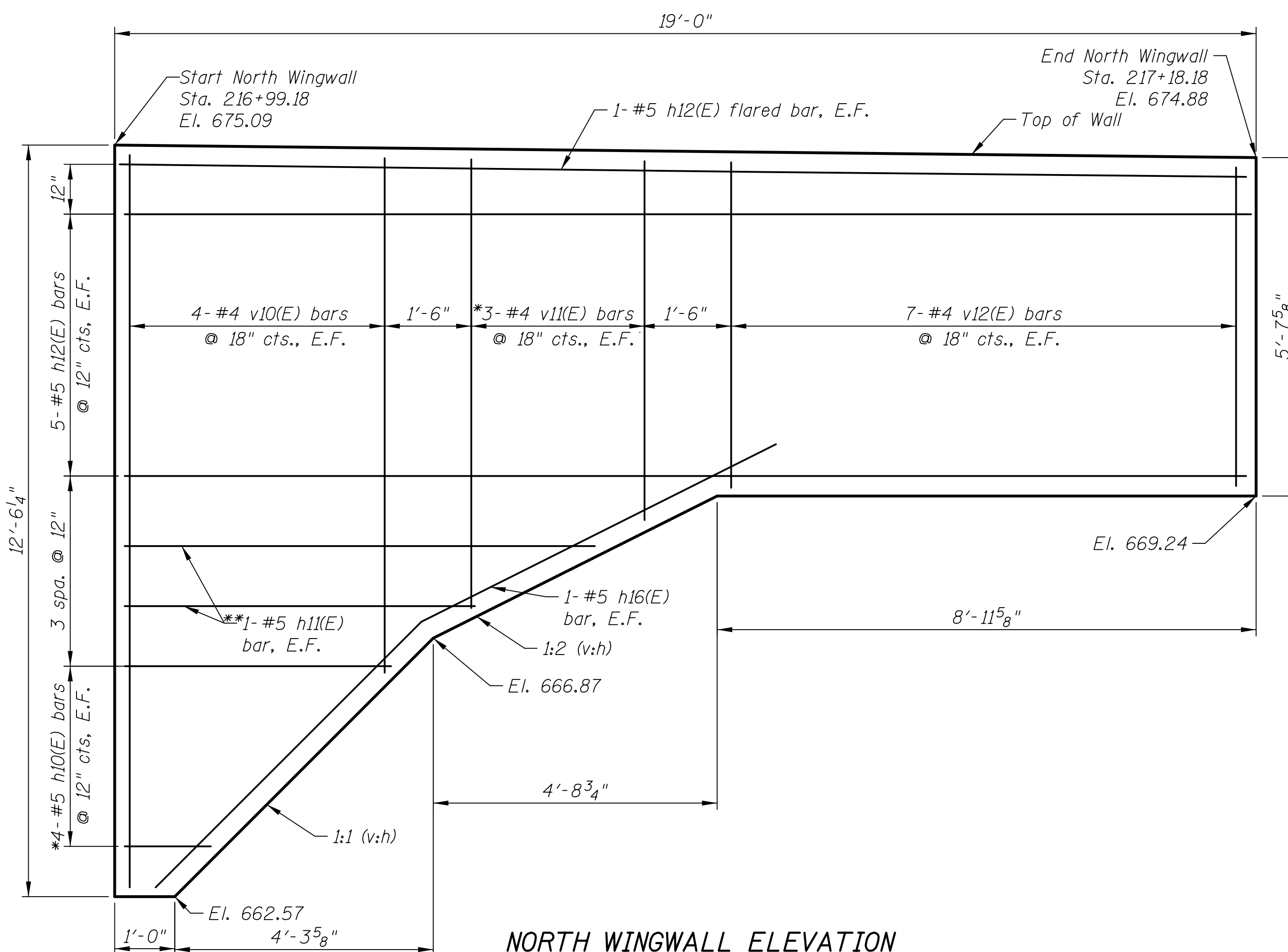
SHEET NO. S3 OF S8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0344	17-00097-00-BT	DUPAGE	77	46

CONTRACT NO. 61G06
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



SOUTH WINGWALL ELEVATION

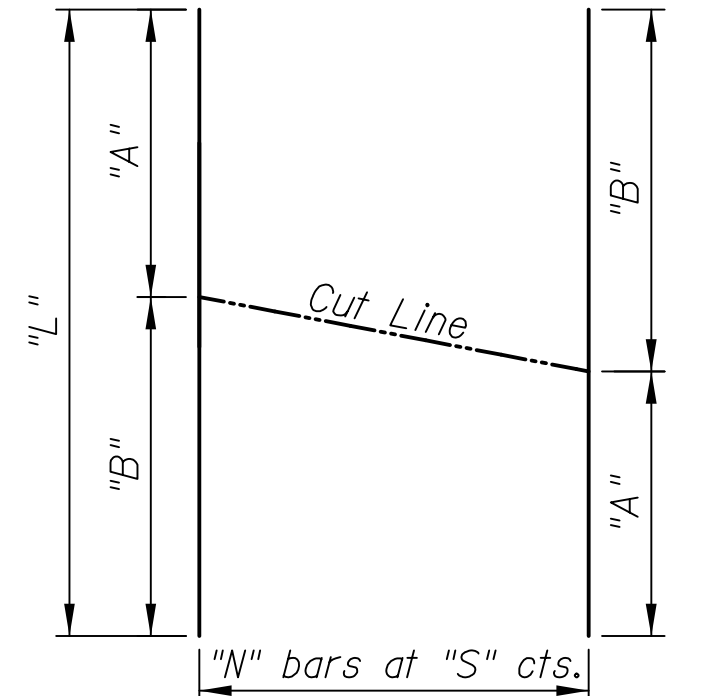


NORTH WINGWALL ELEVATION

BILL OF MATERIAL

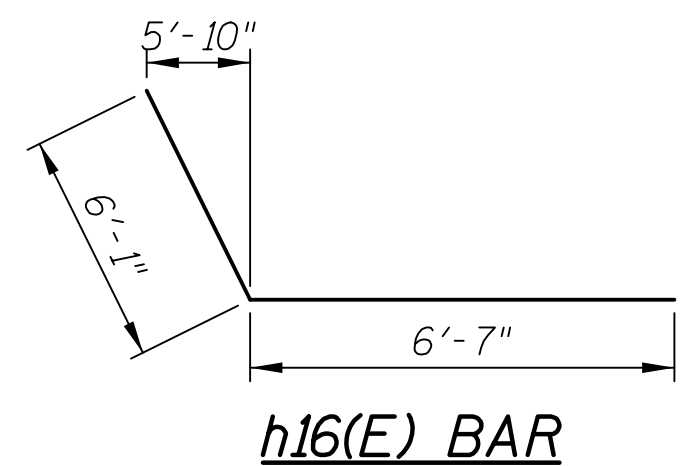
Bar	No.	Size	Length	Shape
h10(E)	4	#5	5'-10"	
h11(E)	2	#5	13'-8"	
h12(E)	12	#5	18'-8"	
h13(E)	3	#5	5'-8"	
h14(E)	3	#5	15'-0"	
h15(E)	12	#5	21'-8"	
h16(E)	2	#5	12'-8"	
h17(E)	2	#5	14'-9"	
v10(E)	4	#4	20'-9"	
v11(E)	3	#4	13'-6"	
v12(E)	30	#4	5'-4"	
v13(E)	5	#4	14'-11"	
v14(E)	3	#4	22'-6"	

Item	Unit	Quantity
Porous Granular Backfill	Cu. Yd.	10.0
Stud Shear Connectors	Each	40
Reinforcement Bars, Epoxy Coated	Pound	970
Furnishing Soldier Piles (W Section)	Foot	133
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	527
Untreated Timber Lagging	Sq. Ft.	103
Concrete Structures (Retaining Wall)	Cu. Yd.	11.3
Geocomposite Wall Drain	Sq. Yd.	8

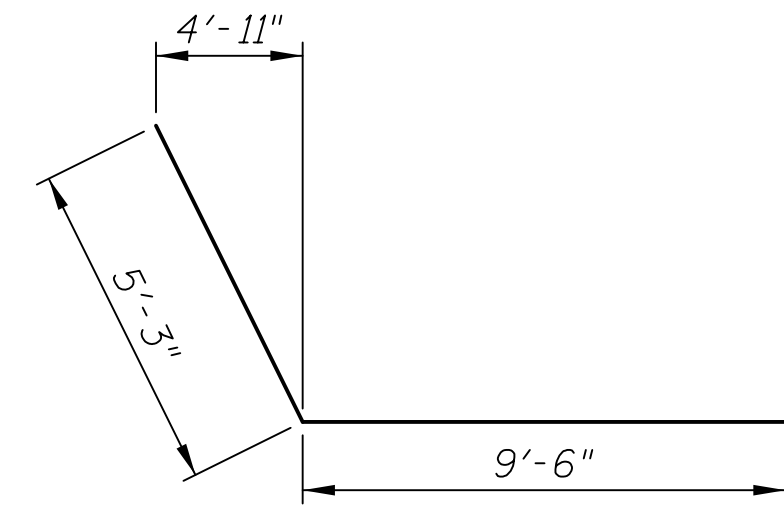


FIELD CUTTING DIAGRAM

Bar	"A"	"B"	"L"	"N"	"S"
h10(E)	1'-5"	4'-5"	5'-10"	4	12"
h13(E)	1'-10"	3'-10"	5'-8"	3	12"
h14(E)	5'-4"	9'-8"	15'-0"	3	12"
v10(E)	8'-7"	12'-2"	20'-9"	4	18"
v11(E)	6'-0"	7'-6"	13'-6"	3	18"
v13(E)	6'-2"	8'-9"	14'-11"	5	18"
v14(E)	10'-2"	12'-4"	22'-6"	3	18"



h16(E) BAR



h17(E) BAR

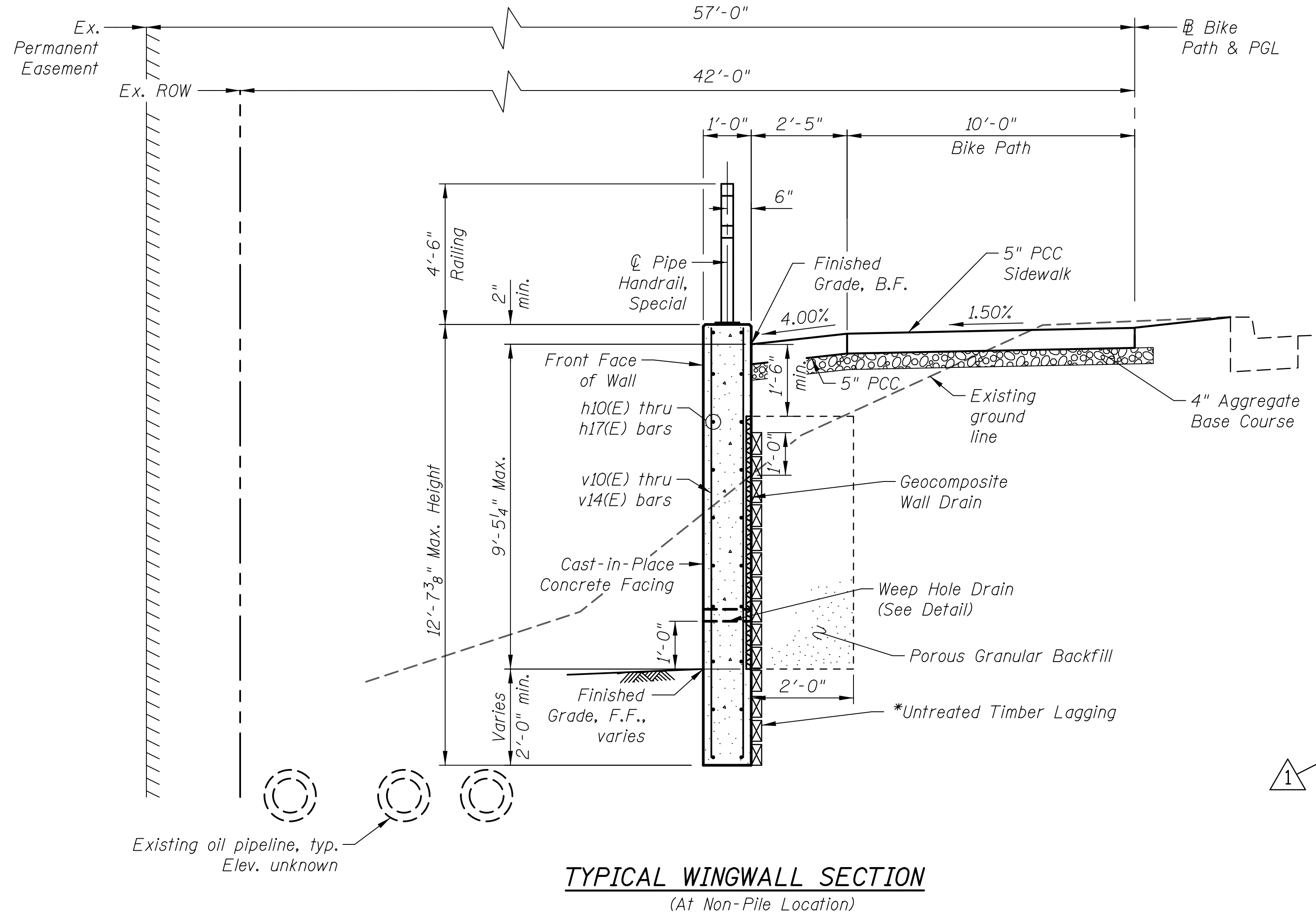
Notes:
 E.F. = Each Face
 cts. = Centers
 * See field cutting diagram
 ** Order h11(E) bar full length.
 Cut to fit and use the remainder of bar above.

PILE DATA TABLE

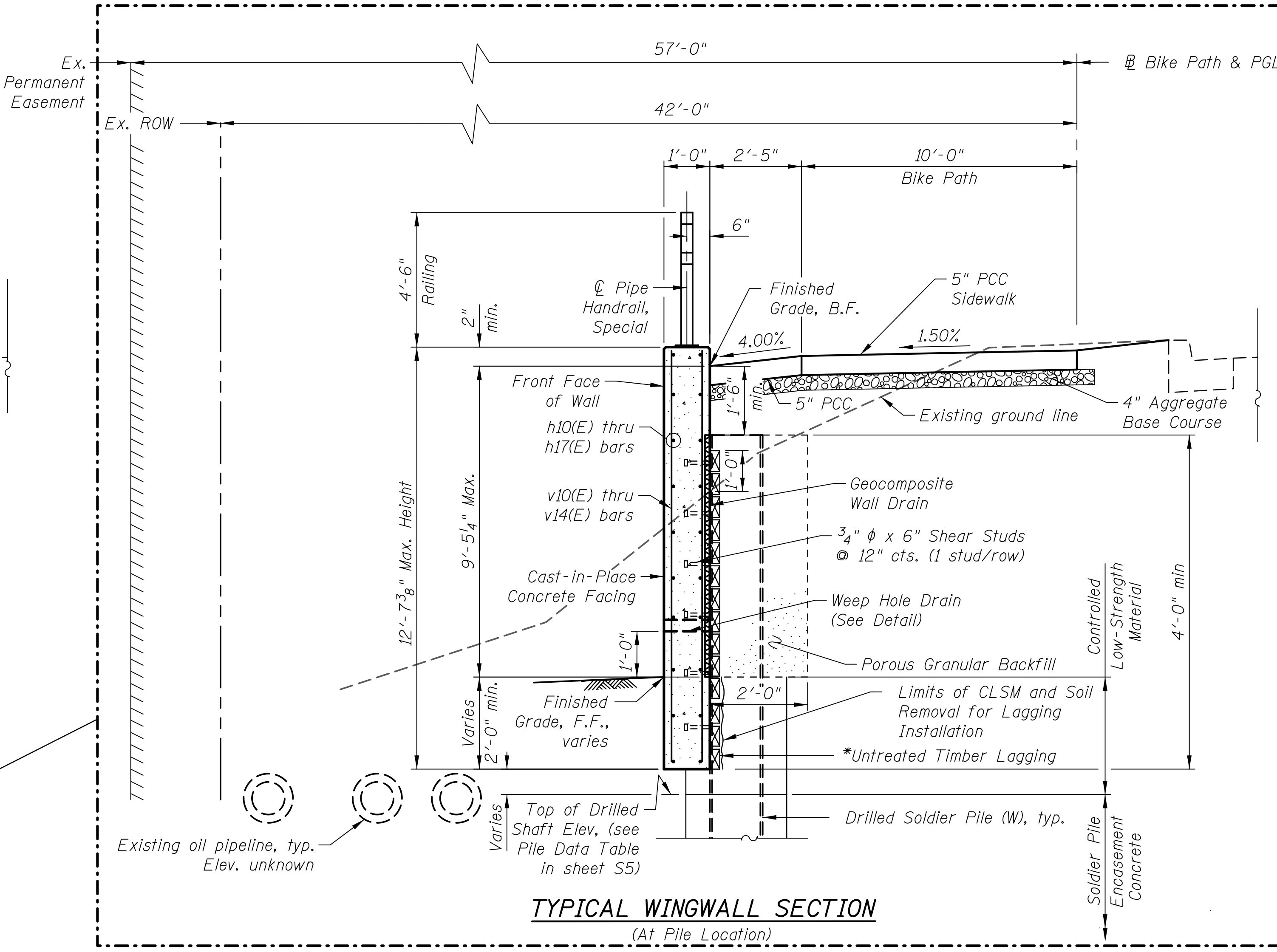
Pile No.	Centerline of Pile Station	Centerline of Pile Offset (Lt.)	Top of Pile Elevation	Bottom of Pile Elevation	Top of Drilled Shaft Elev.	Bottom of CIP Facing	Pile Size	Stud Shear Connectors
P1	216+71.60	11.91	673.73	655.00	669.65	669.65	W12X58	5
P2	216+79.60	11.91	673.64	655.00	668.58	669.15	W12X58	5
P3	216+87.60	11.65	673.55	644.00	662.57	664.57	W18X86	10
P4	217+01.68	11.65	673.39	644.00	662.57	664.07	W18X86	10
P5	217+08.68	11.91	673.32	655.00	668.35	668.97	W12X58	5
P6	217+15.68	11.91	673.24	655.00	669.24	669.24	W12X58	5

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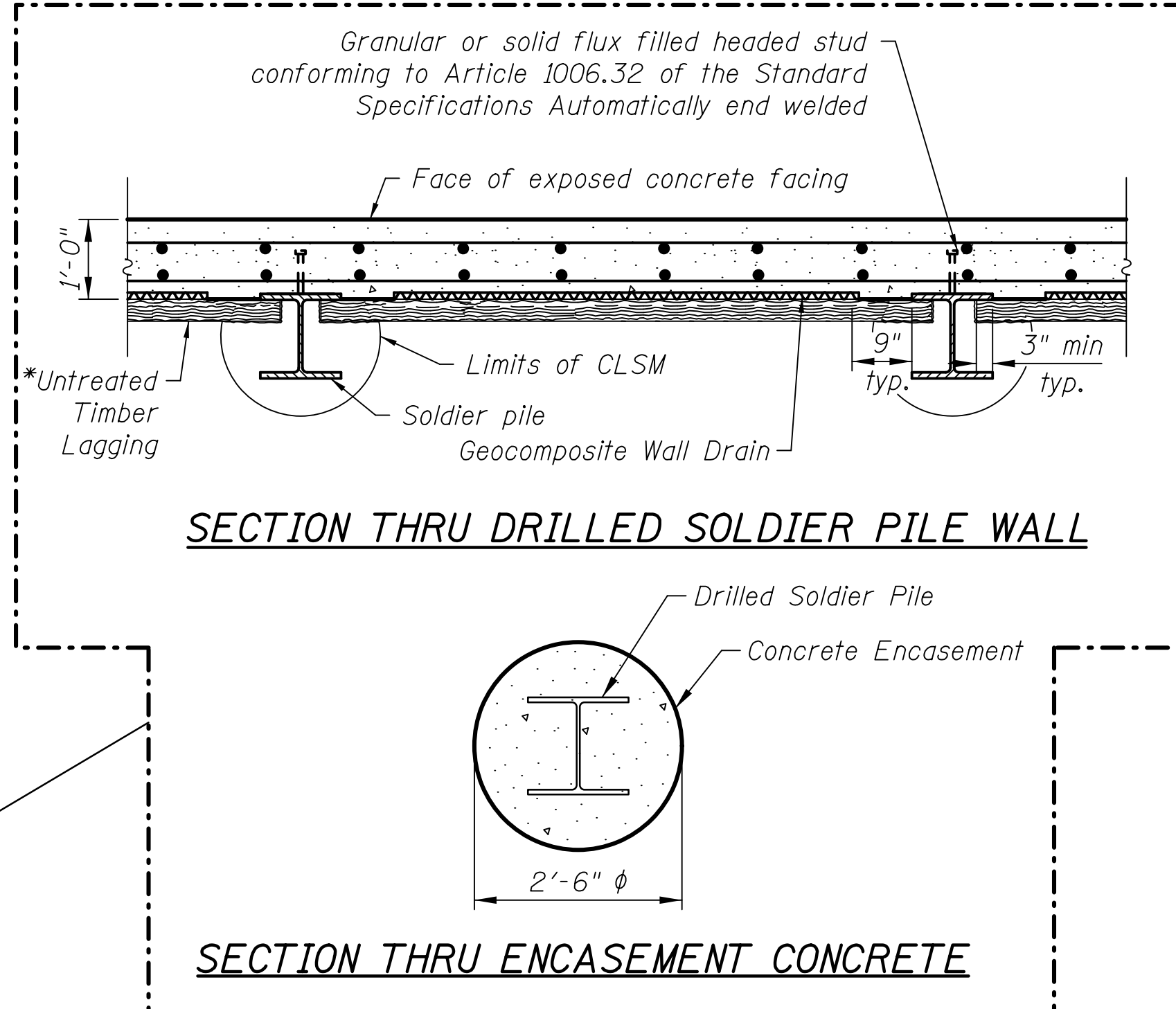


TYPICAL WINGWALL SECTION
(At Non-Pile Location)



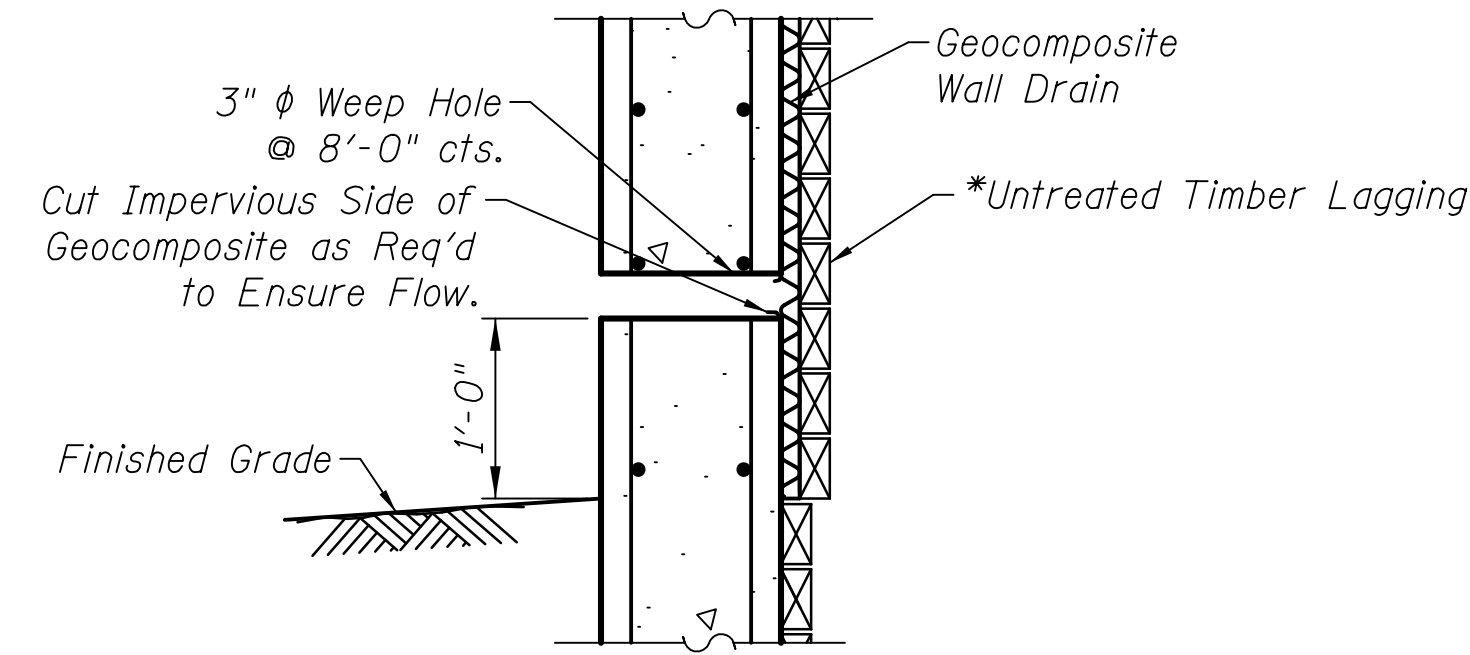
TYPICAL WINGWALL SECTION
(At Pile Location)

* The Contractor is responsible for the design and performance of the lagging using no less than a 3 in. nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.

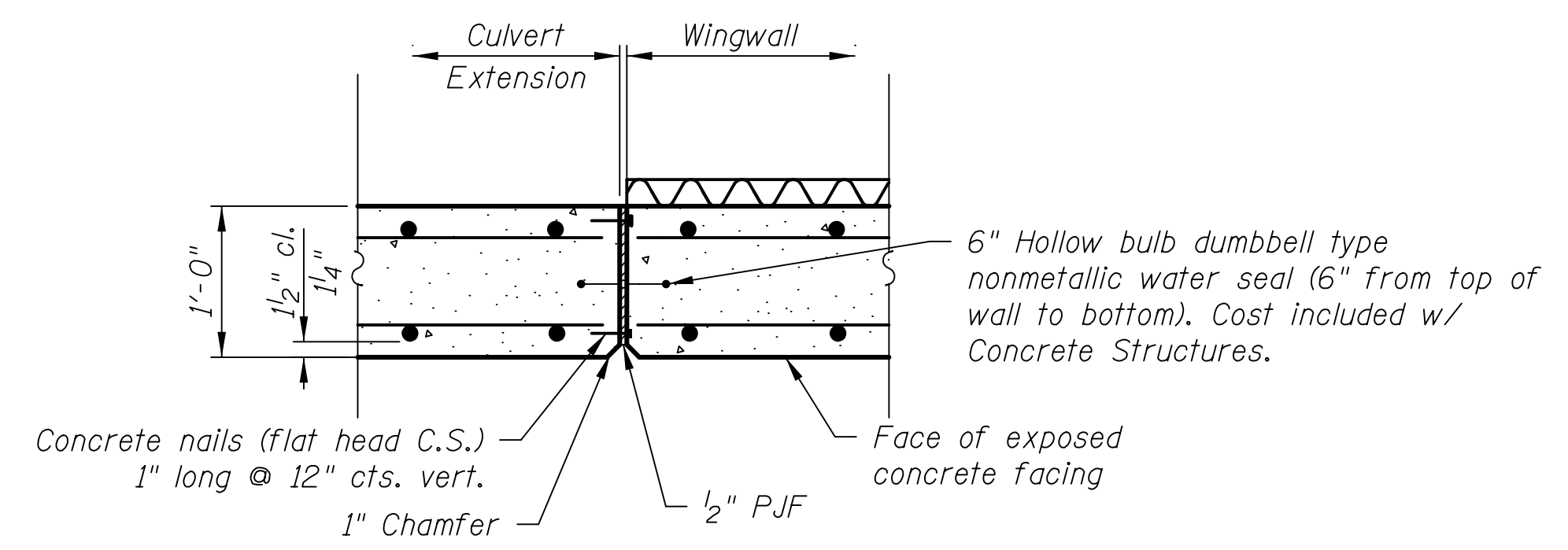


SECTION THRU DRILLED SOLDIER PILE WALL

SECTION THRU ENCASEMENT CONCRETE



WEEP HOLE DRAIN DETAIL



EXPANSION JOINT
(At culvert extension and wingwall connection)

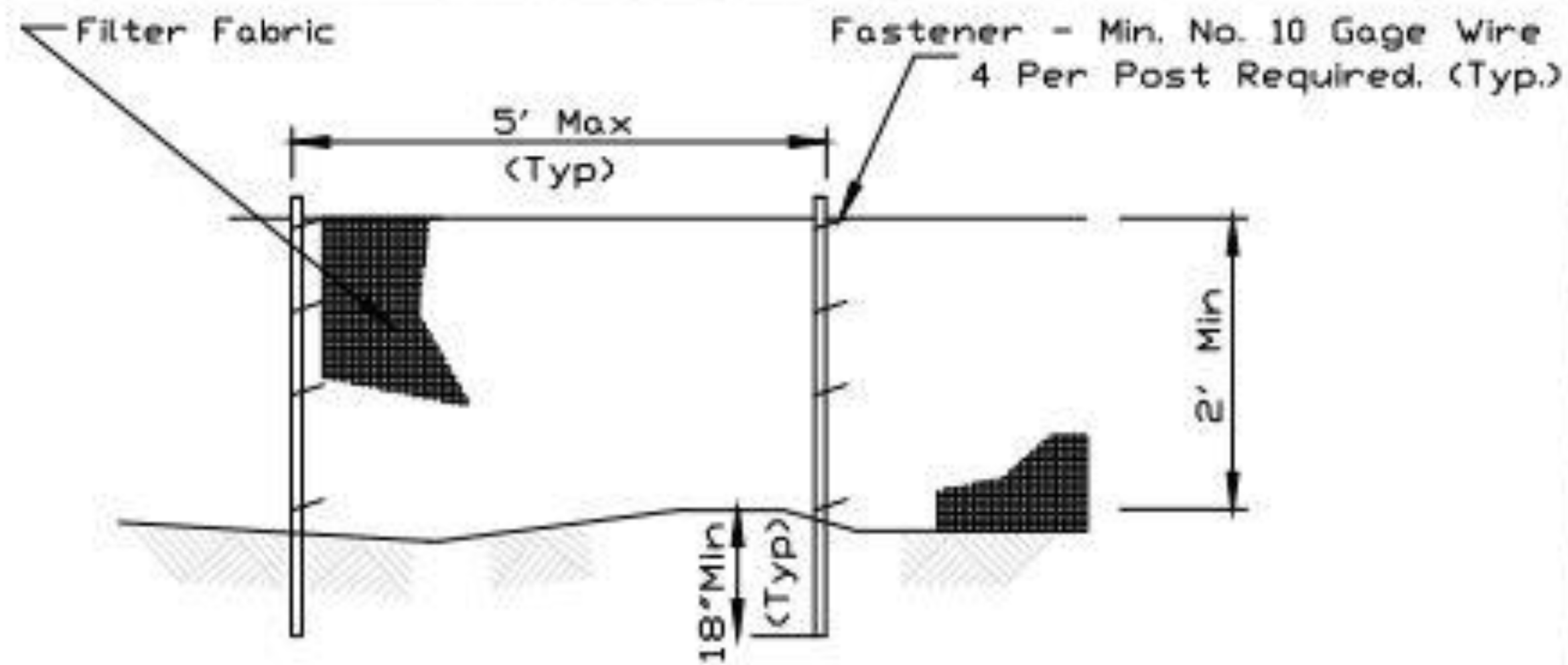
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DESIGNED	- MPR	REVISED	-
CHECKED	- GJH	REVISED	-
DATE	- 4/6/2020	REVISED	-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

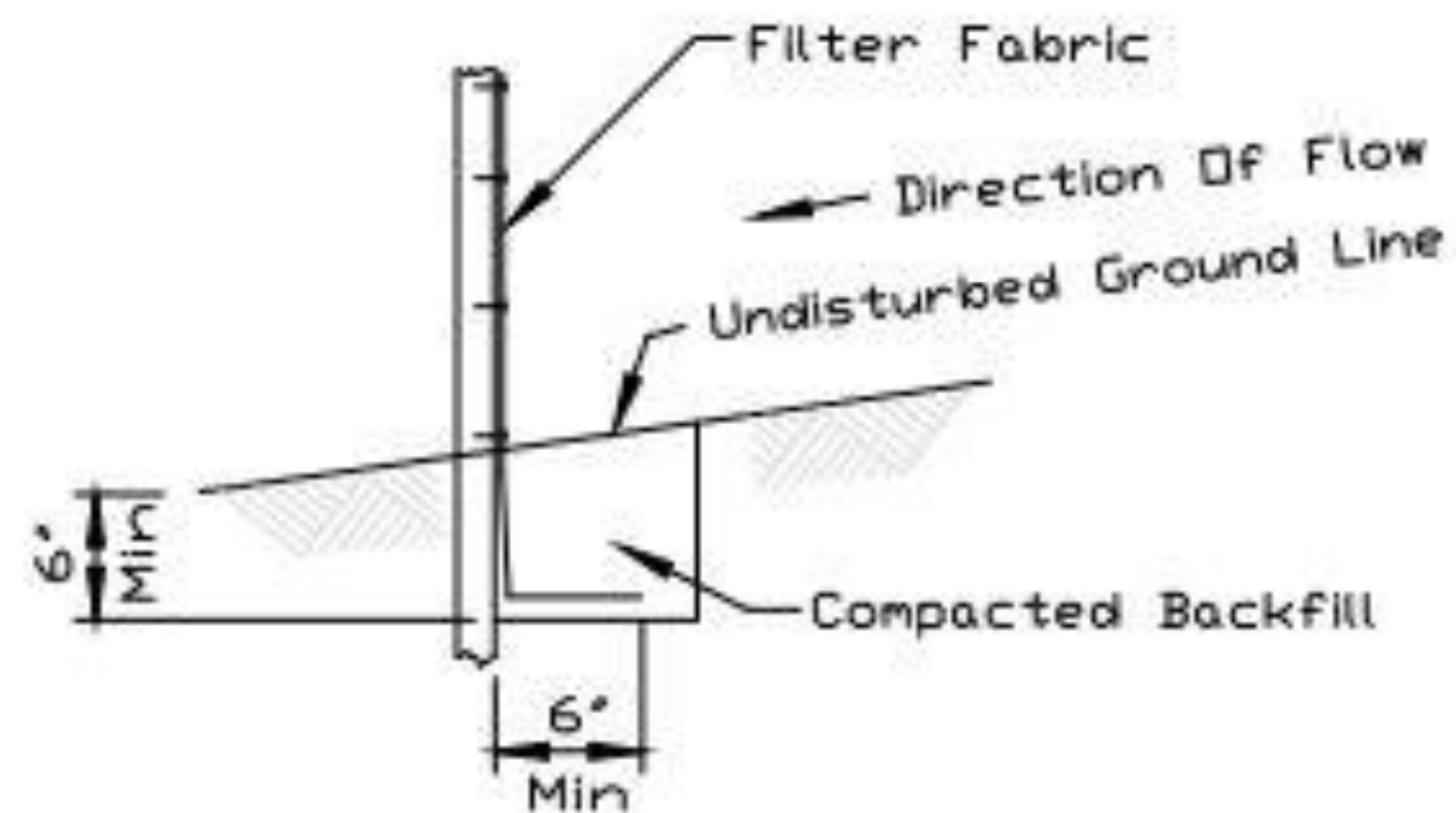
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	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	NO.	
	ADD. FILE NAME	

SILT FENCE PLAN



ELEVATION



FABRIC ANCHOR DETAIL

NOTES:

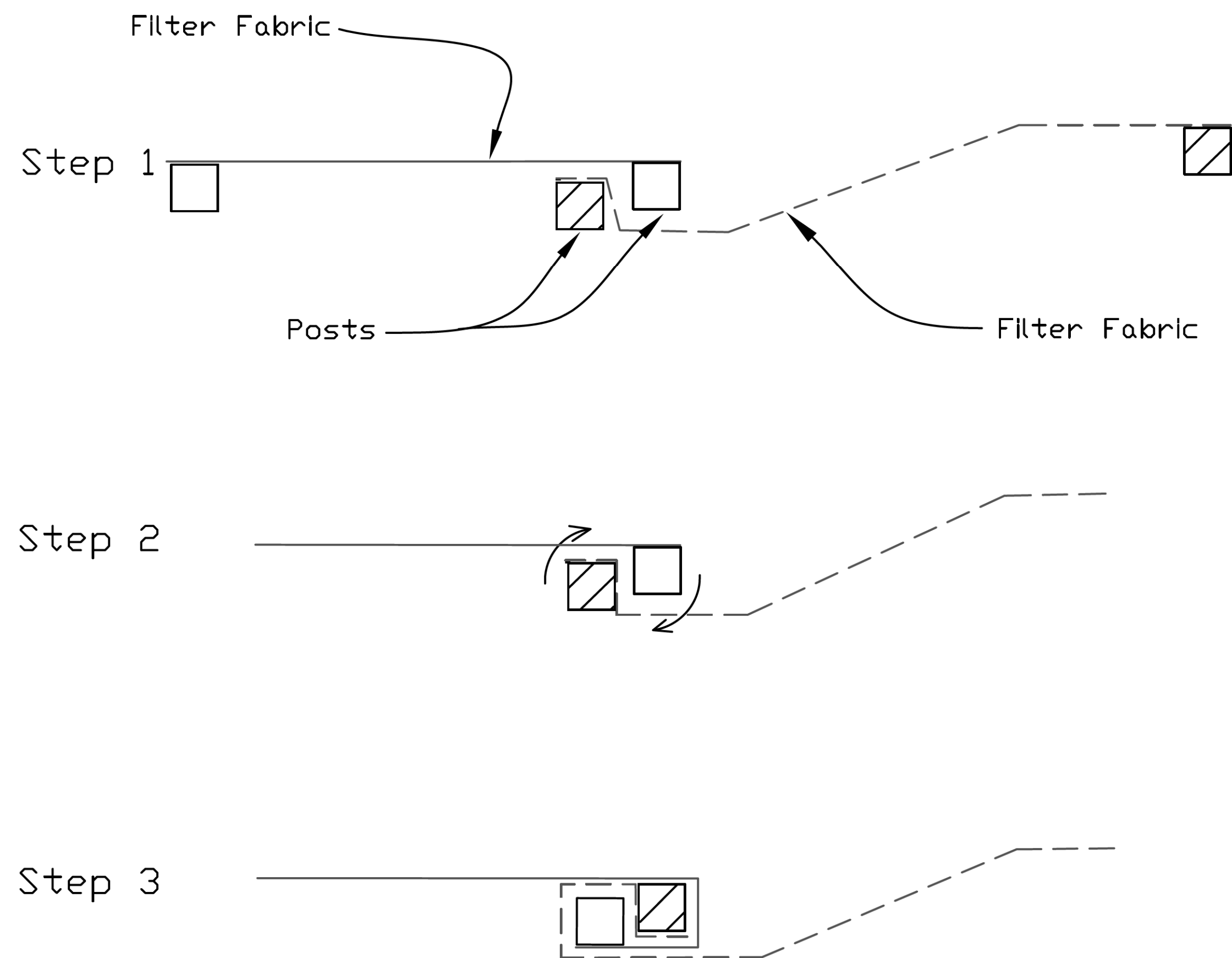
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile based upon performance needed.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 2' x 2' nominal size.

REFERENCE	Project	_____
	Designed	_____ Date _____
	Checked	_____ Date _____
	Approved	_____ Date _____



STANDARD DWG. NO.
IUM-620
SHEET 1 OF 2
DATE 3-16-12

SILT FENCE - SPLICING TWO FENCES



ATTACHING TWO SILT FENCES

1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

REFERENCE	Project	_____
	Designed	_____ Date _____
	Checked	_____ Date _____
	Approved	_____ Date _____

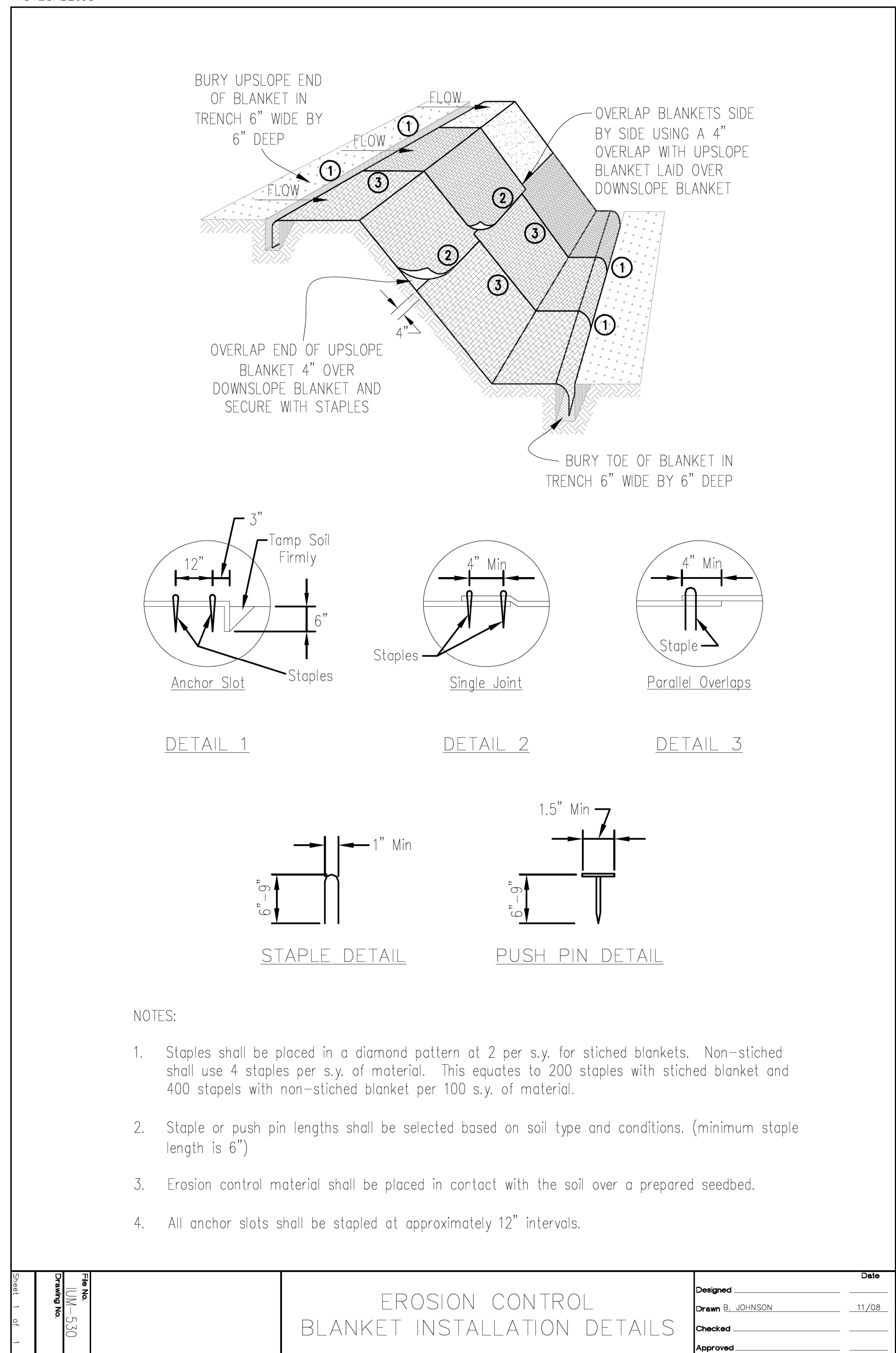


STANDARD DWG. NO.
IUM-620B(W)
SHEET 1 OF 1
DATE 3-16-2012

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	PLOTTED		
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	FILE NAME		

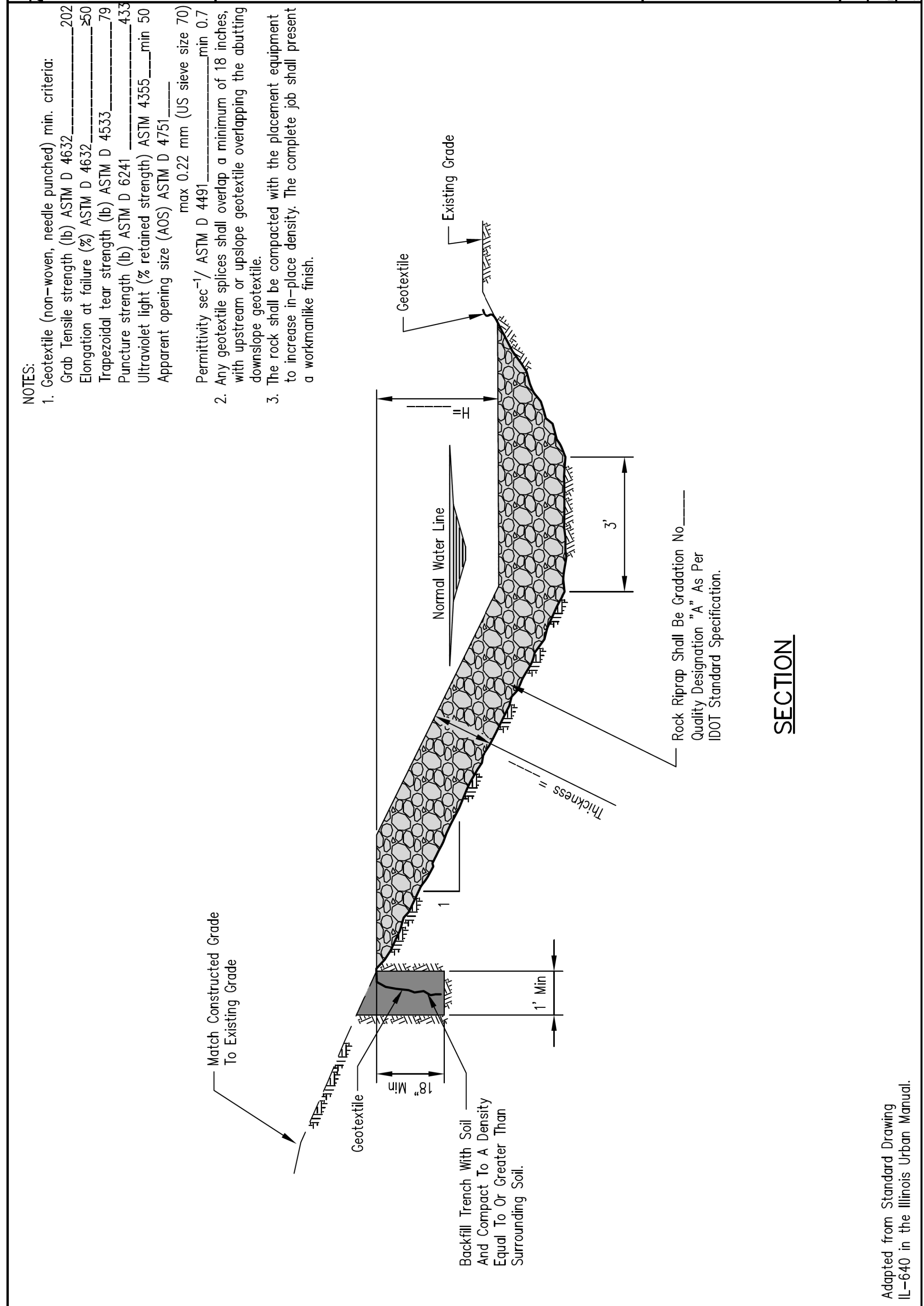
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	FILE NAME		

Sheet	1	of	1
File No.	11M-530		
Drawn	LJM		



EROSION CONTROL
BLANKET INSTALLATION DETAILS

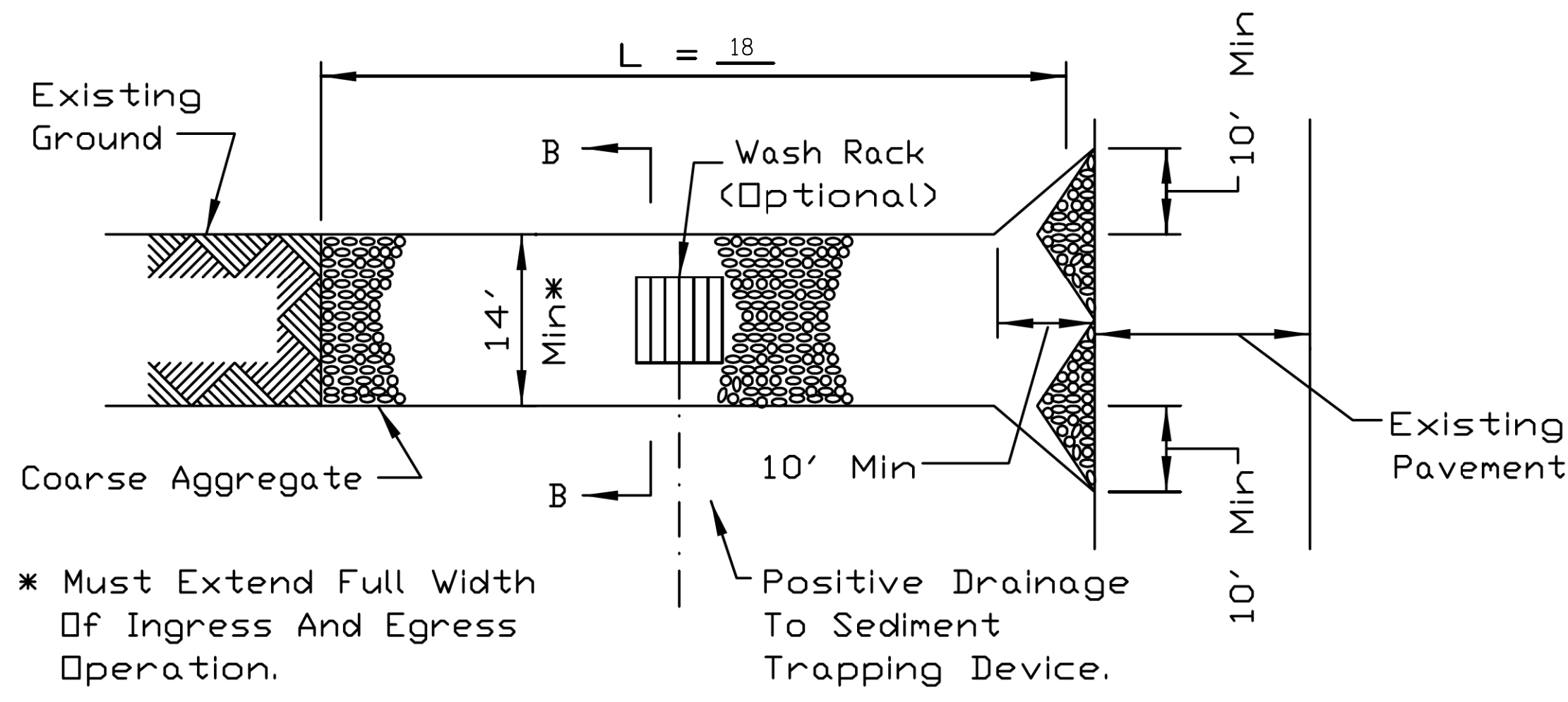
Designed _____ Date _____
 Drawn B. JOHNSON 11/08
 Checked _____
 Approved _____



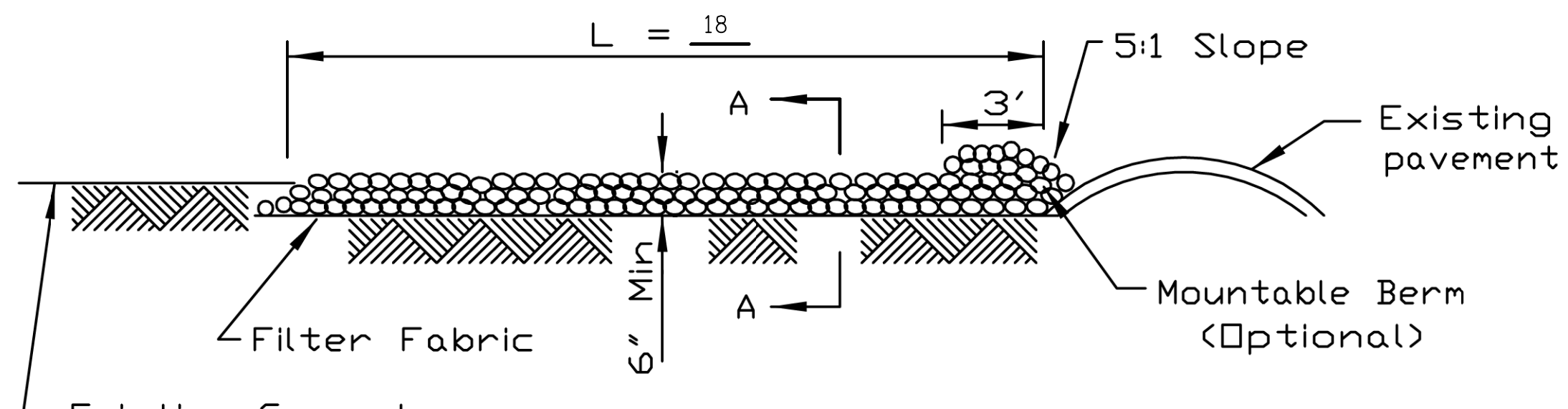
DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PLAN NO. _____
 NOTE BOOK NO. _____
 DATE OF WAY CHECKED _____
 ROAD FILE NAME _____

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PROFILE NO. _____
 NOTE BOOK NO. _____
 DATE OF WAY CHECKED _____
 ROAD FILE NAME _____

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



SIDE ELEVATION

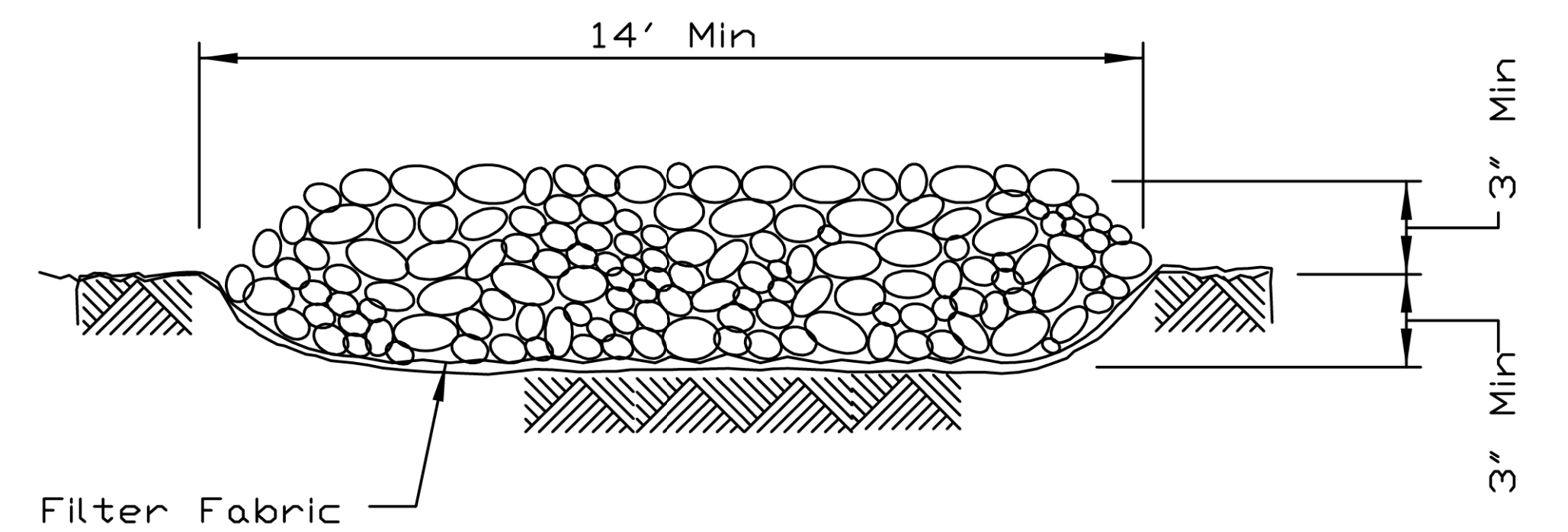
- NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
 2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
 4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE	Project _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____

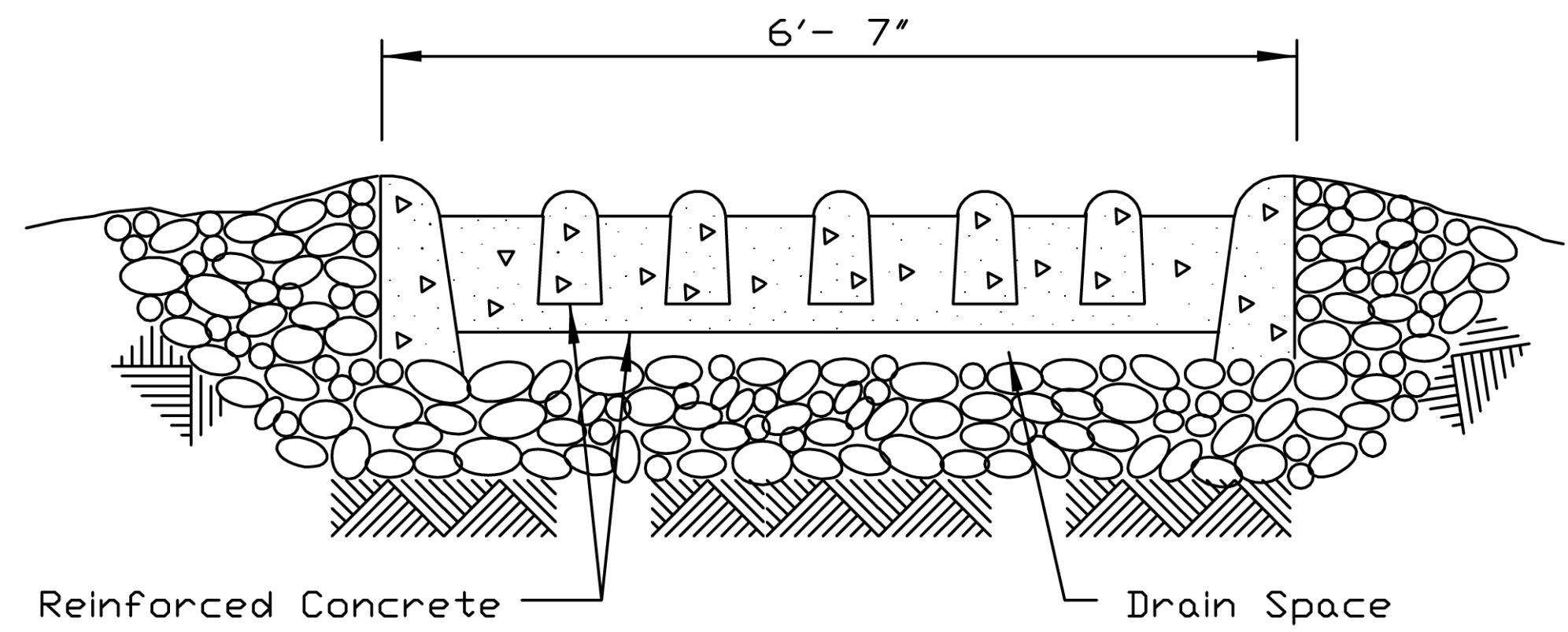


STANDARD DWG. NO.
 IL-630
 SHEET 1 OF 2
 DATE 8-18-94

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

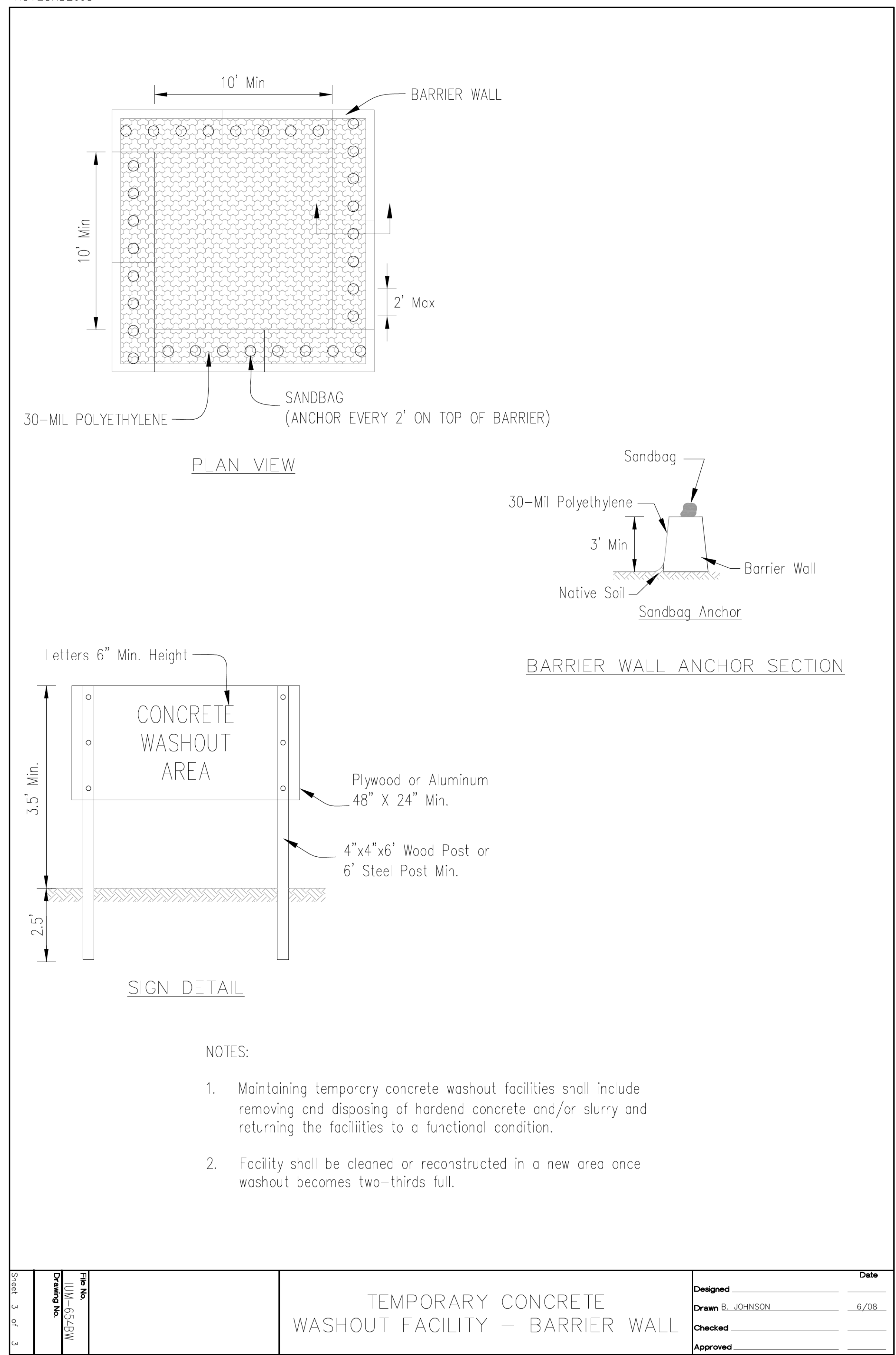
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Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.
 IL-630
 SHEET 2 OF 2
 DATE 8-18-94

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
CHECKED	
NO. OF WAY CHECKED	
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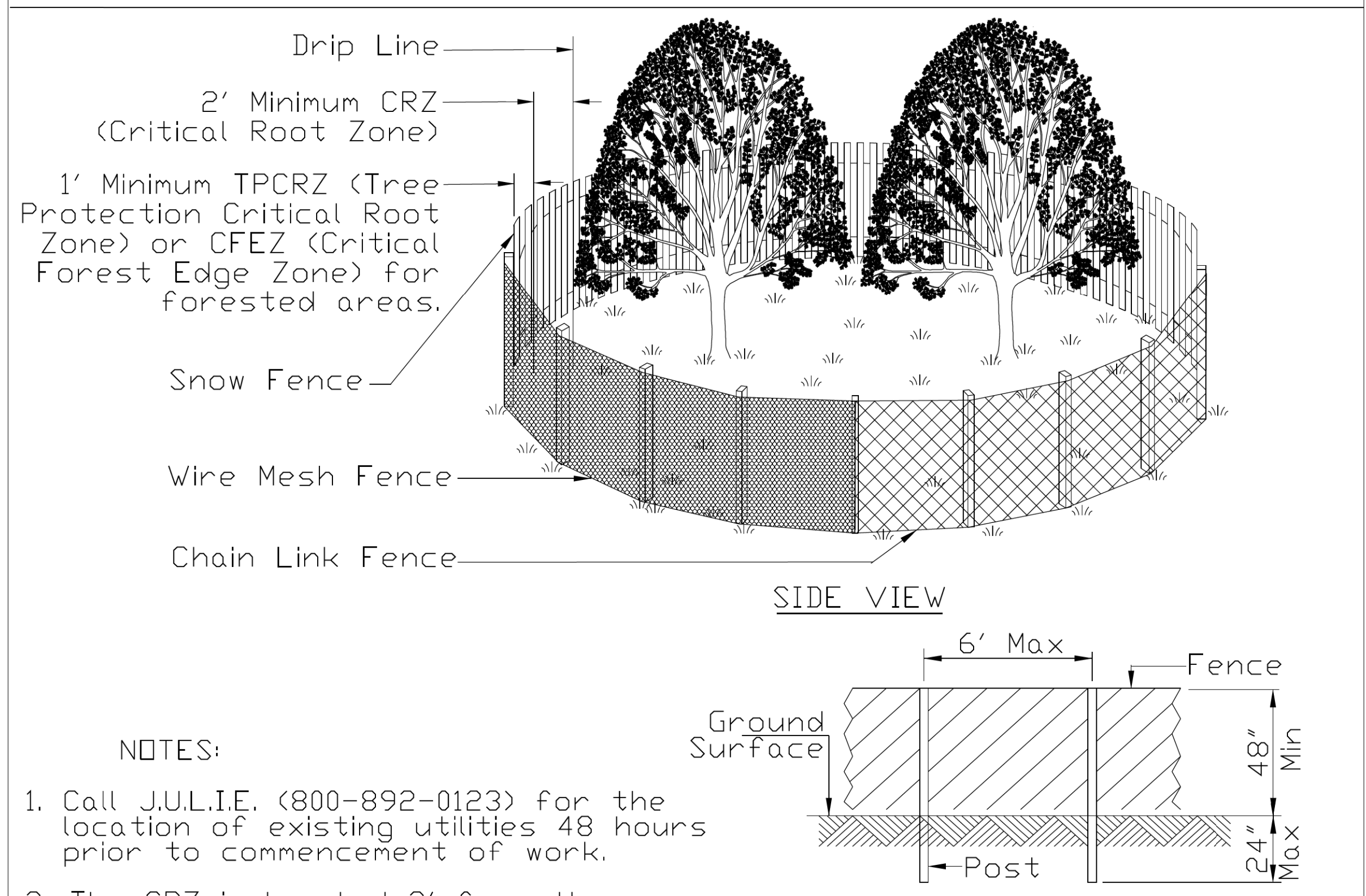
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BY	
PROFILE	
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NOTE BOOK	
NO.	
STRUCTURE NOTATIONS CHKD	



TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL

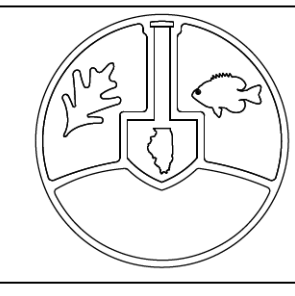
Designed	_____	Date	_____
Drawn	B. JOHNSON	6/08	
Checked	_____	_____	
Approved	_____	_____	

TREE PROTECTION - FENCING
(Moderately Urbanized to Open Space Areas)



- NOTES:
1. Call J.U.L.I.E. (800-892-0123) for the location of existing utilities 48 hours prior to commencement of work.
 2. The CRZ is located 2' from the farthest outreaching branch (drip edge) or the distance as determined by the ISA trunk diameter method or whichever is greater.
 3. The fence shall be located 1' from the Critical Root Zone (CRZ) of the protected tree, thus creating the Tree Protection Critical Root Zone (TPCRZ) and the Critical Forest Edge Zone (CFEZ) for forested areas.
 4. Fence Posts shall be either 6' steel posts @ 1.33lbs./Ft. or 2" x 2" nominal wood posts.
 5. For projects without highly significant or historical trees and that will last for less than 6 months duration, a non-treated wood lath snow fence or wire mesh fencing shall be used with appropriate posts that are securely anchored into the ground. For projects over 6 months in duration or trees considered significant or historical, a chain link fence with Construction Specification Chain Link Fence IUM 91 or better (as approved by the local Forester per local ordinances singularly or in tandem with the project Engineer) shall be used. Fencing shall be a minimum height of 4'. For chain link fencing, metal posts shall be placed 6' on center (OC) and the fencing securely anchored to the post.
 6. Outside the TPCRZ or CFEZ, erosion and sediment control measures shall be installed to prevent sediment reaching the TPCRZ or the CFEZ. These measures shall extend out from the fence 10' and shall be continuous around the perimeter of the fence. These measures include, but are not limited to vegetative filter strip, rolled excelsior blankets and mulch with a 3" to 5" depth. Other measures may be used if approved by the Professional Forester, Certified Arborist or Horticulturalist. Installation shall cause no disturbance to soils.

REFERENCE	Project	_____	
Designed	_____	Date	_____
Checked	_____	Date	_____
Approved	_____	Date	_____

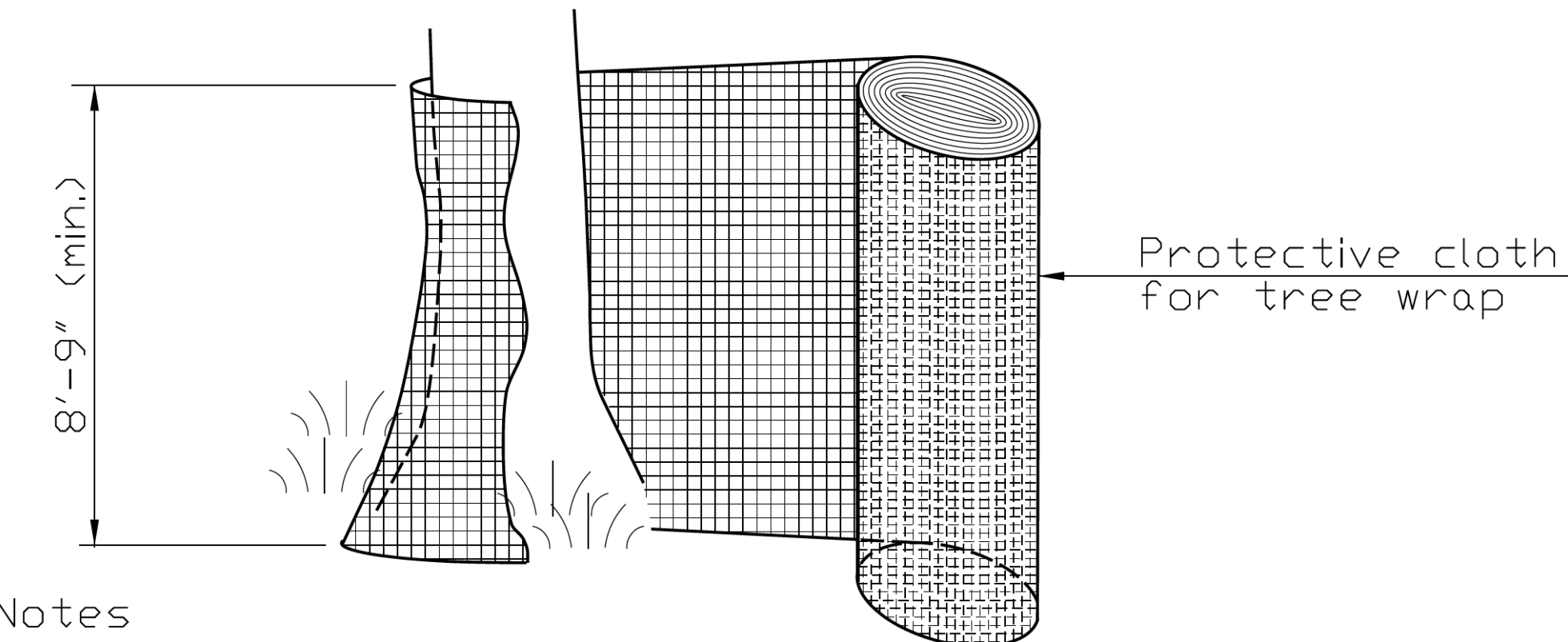
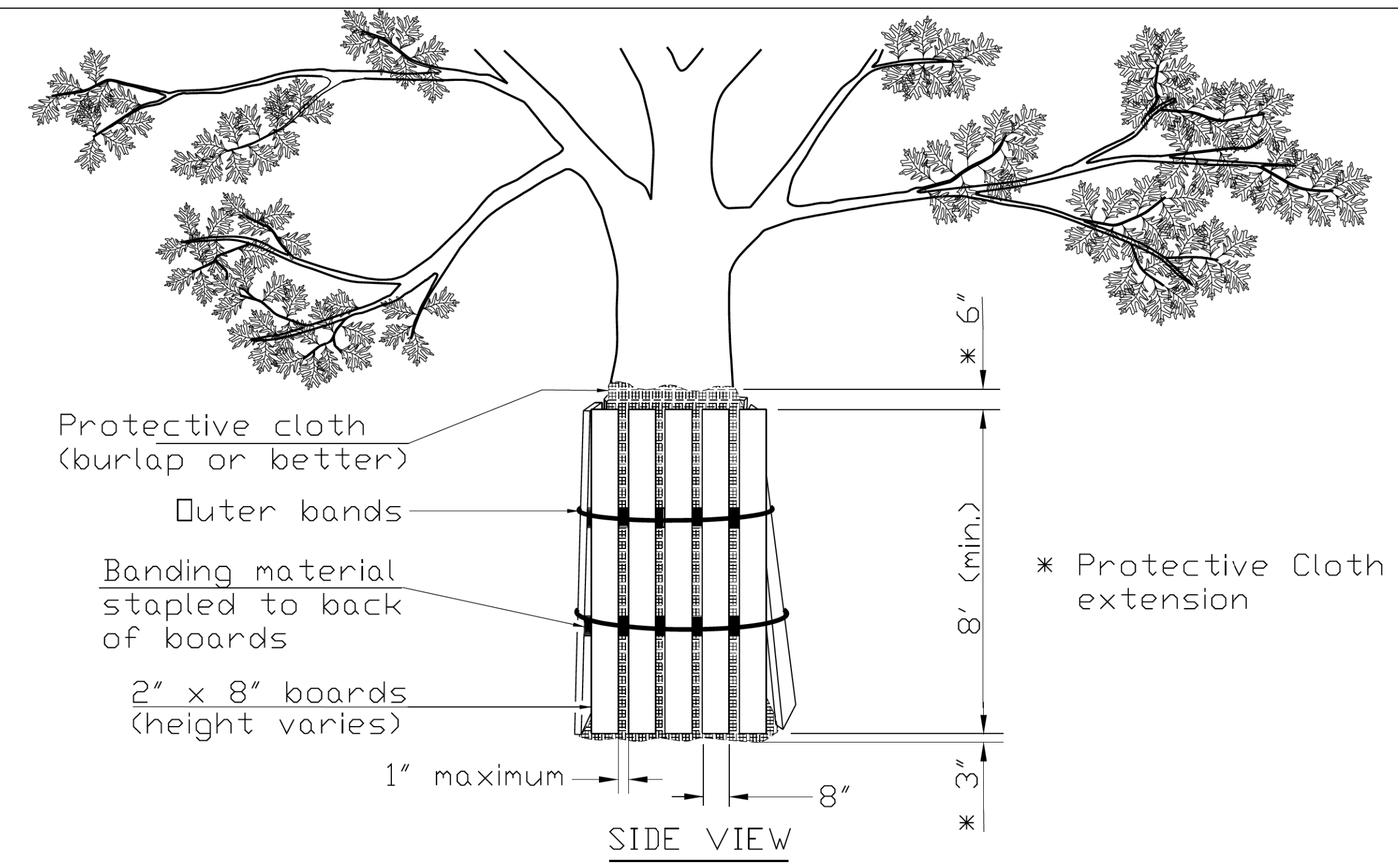


STANDARD DWG. NO.	IUM-690-A
SHEET	1 OF 1
DATE	09-14-2017

DATE _____
 BY _____
 SURVEYED _____
 PLOTTED _____
 CHECKED _____
 PLAN NO. _____
 NOTE BOOK NO. _____
 DATE FILED _____

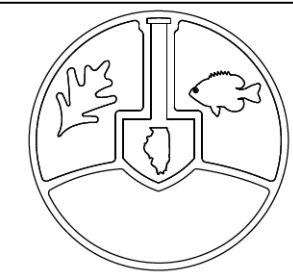
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 SURVEYED _____
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 PROFILE NO. _____
 NOTE BOOK NO. _____
 DATE FILED _____

TREE TRUNK PROTECTION



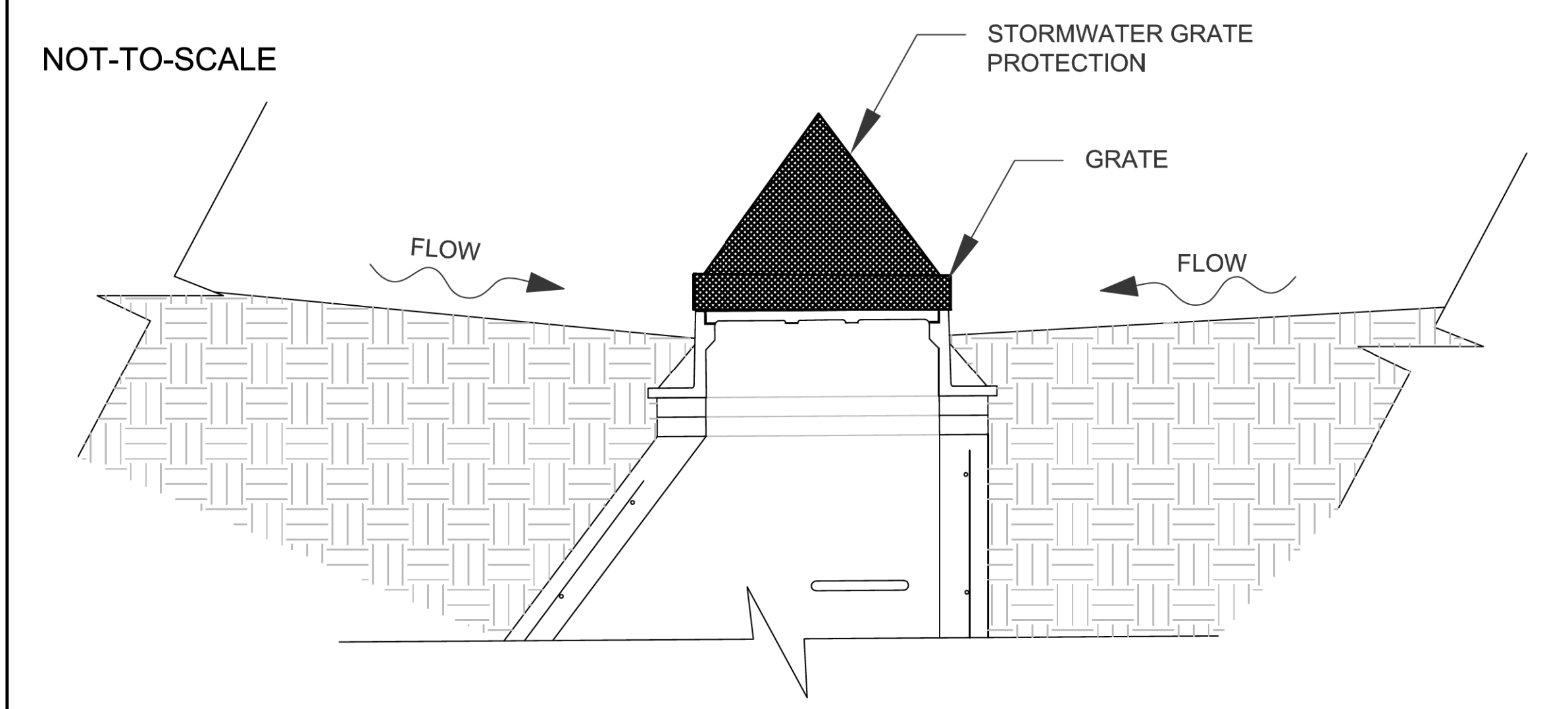
- Notes
1. The contractor shall provide 2" x 8" boards banded continuously around each trunk with a protective cloth (such as burlap or better) placed between the boards and the tree to prevent scarring of the tree being protected. The height of the boards is variable due to height of tree being protected. Trees to be protected shall be shown in the plans or designated by the Professional Forester or Certified Arborist.
 2. The protective cloth shall extend past both the top and bottom of the boards as shown in the detail. Width of wrap material varies. For fabric that does not meet the required height, fabric shall overlap a minimum of 6" and shall be spliced to avoid slippage.

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

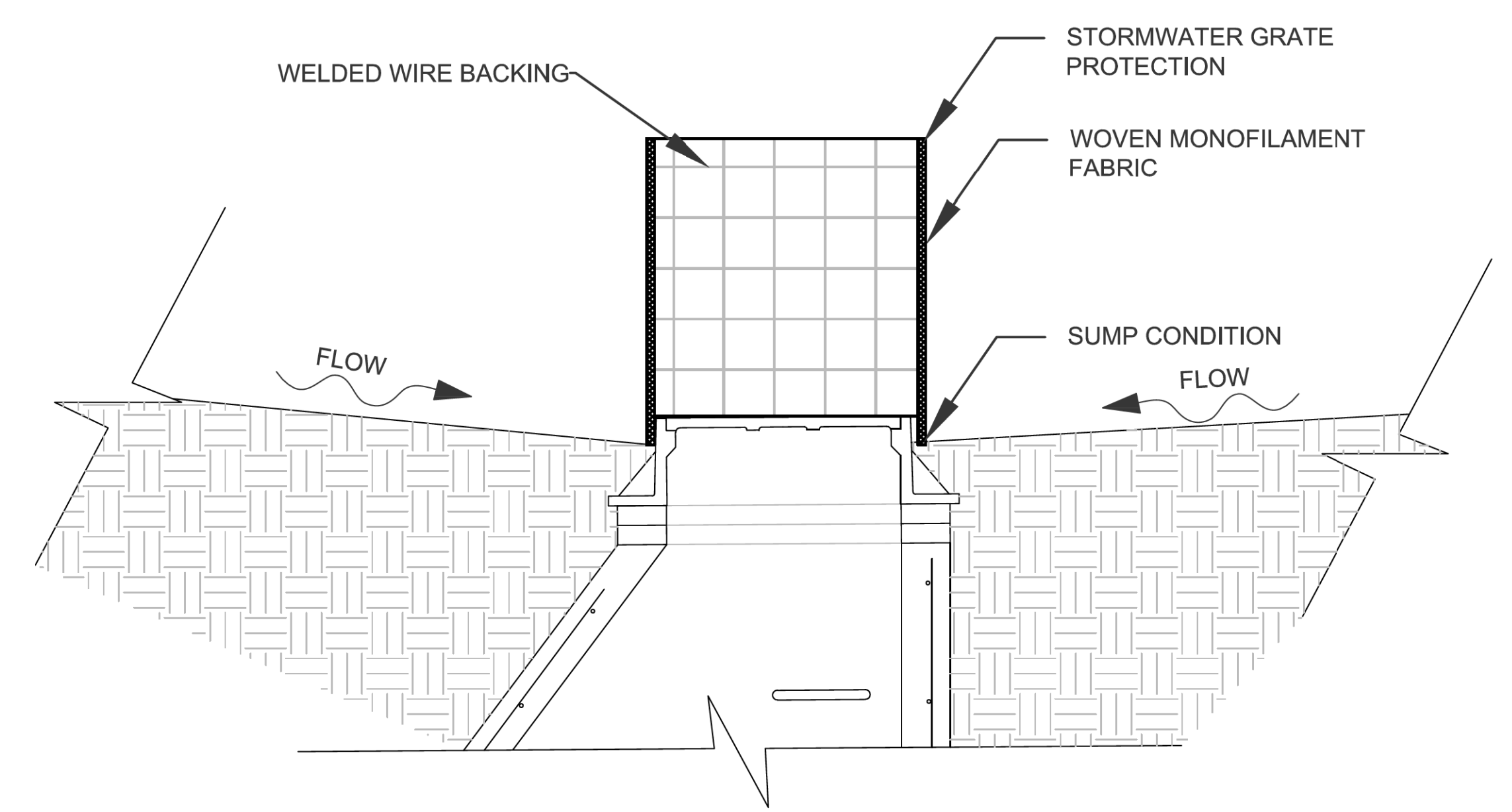


STANDARD DWG. NO.
 IUM-690-C
 SHEET 1 OF 1
 DATE 09-14-2017

MANUFACTURED ABOVE GRADE INLET PROTECTION



SECTION



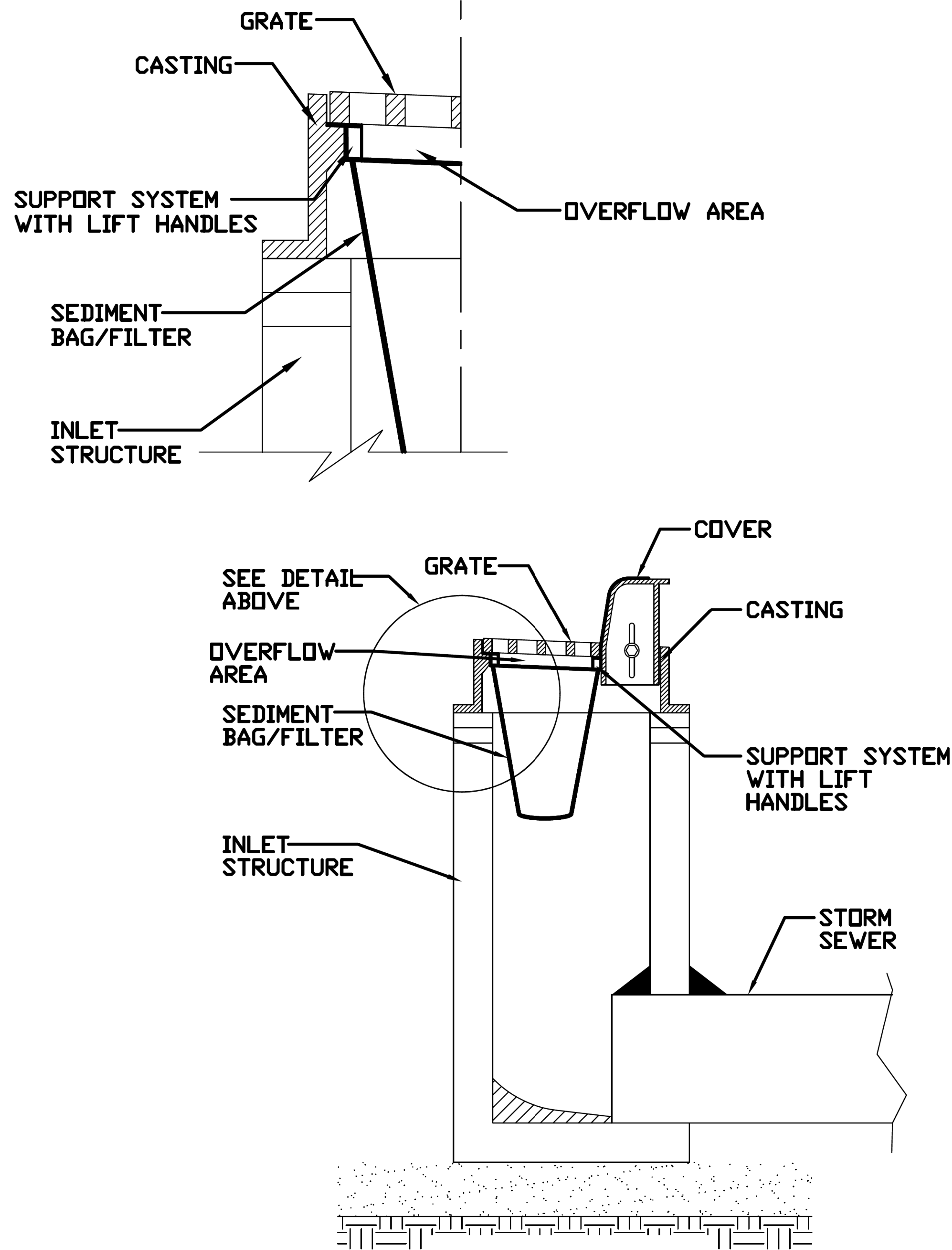
SECTION

- NOTES:
1. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the inlet protection.
 2. Device should be supported.
 3. Fabric type should be IUM 592 Standard Table 1 Class 4

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

STANDARD DWG. NO.
 IUM-531
 SHEET 1 OF 1
 DATE 03-27-17

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION

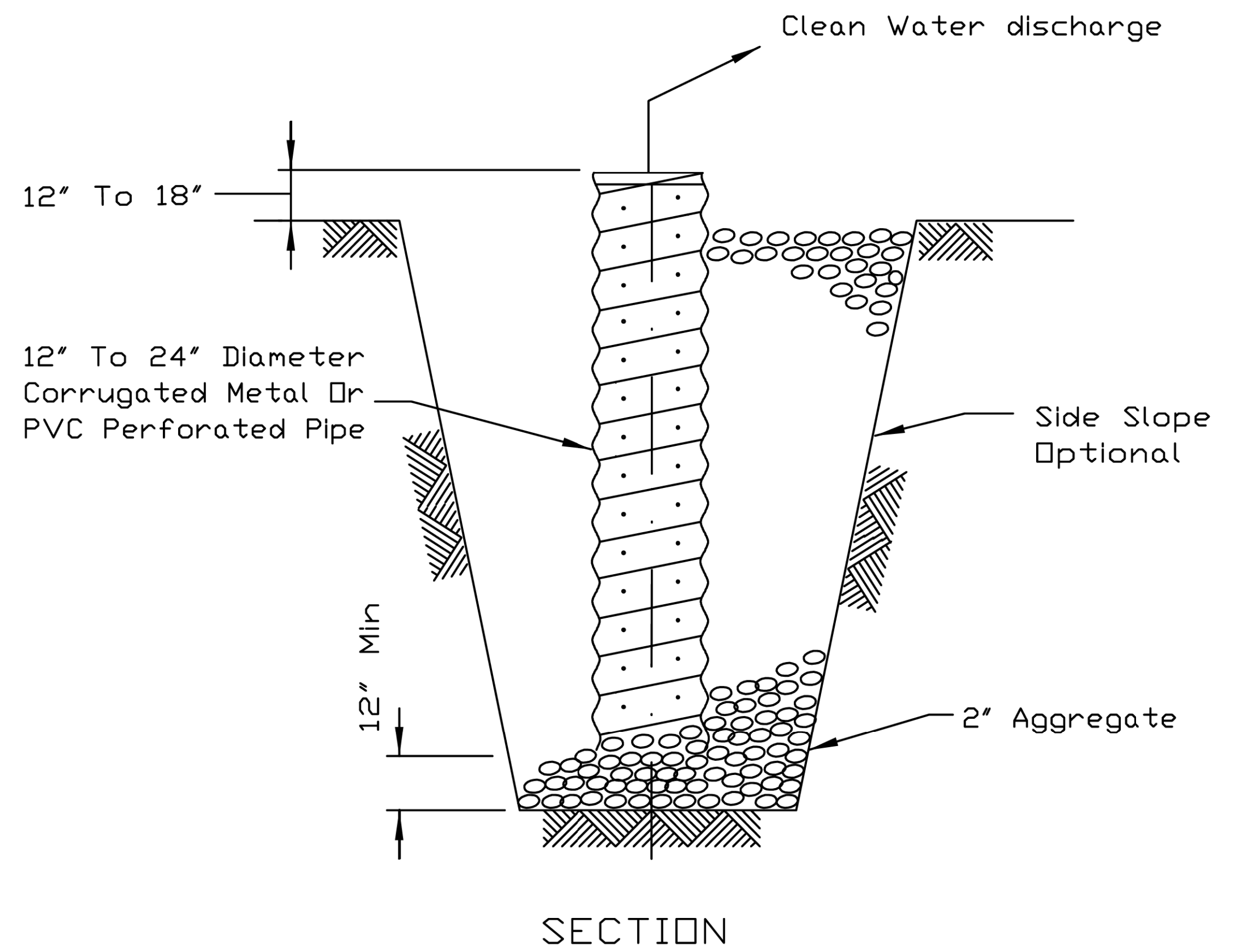


REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



STANDARD DWG. NO.
IUM-561D
 SHEET 1 OF 1
 DATE 01-11-11

SUMP PIT PLAN



- NOTES:
1. Pit dimensions are optional.
 2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
 3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
 4. The standpipe will extend 12" to 18" above the lip of the pit.
 5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
 6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

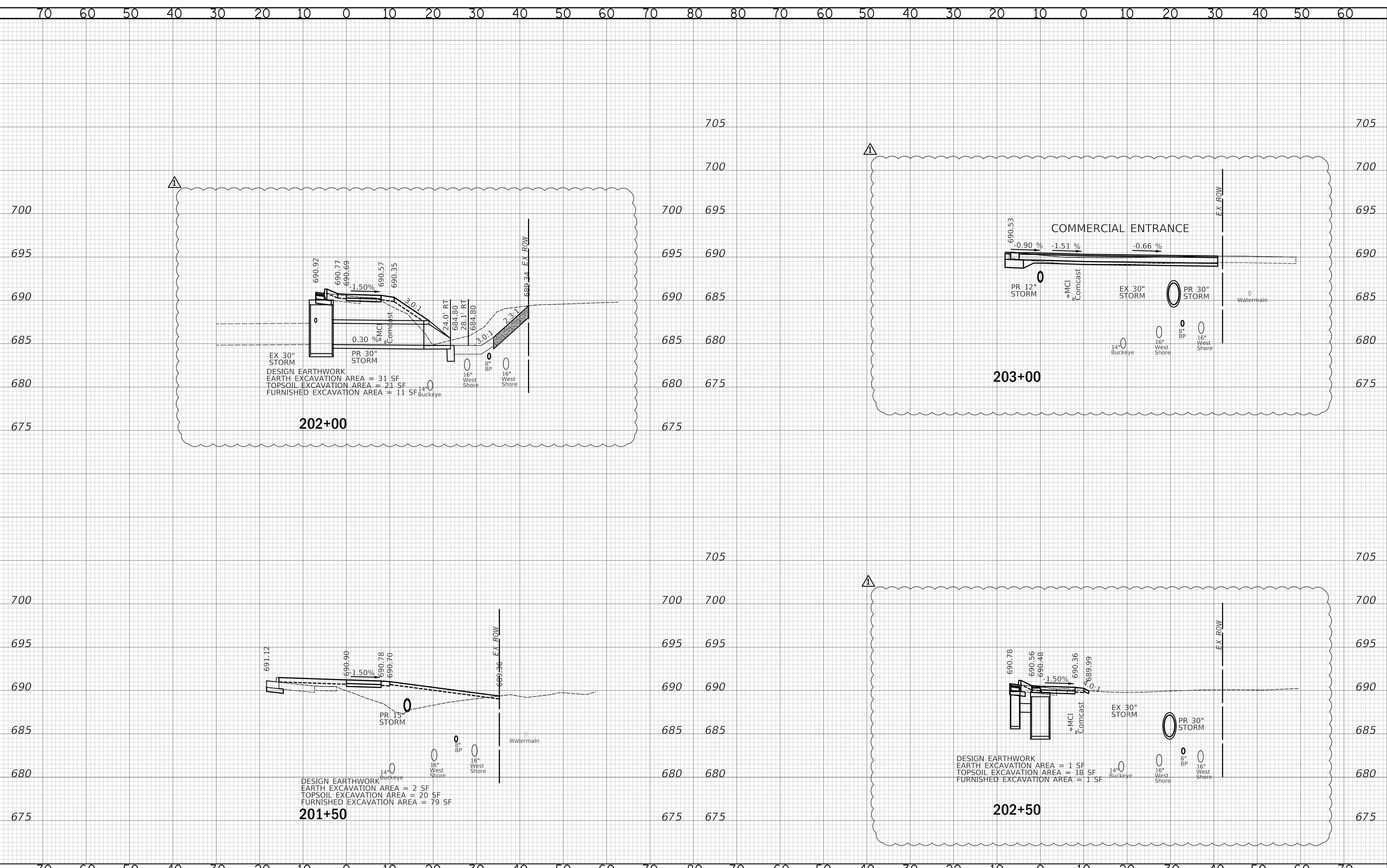
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 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



STANDARD DWG. NO.
IL-650
 SHEET 1 OF 1
 DATE 8-11-94

FINAL SURVEY	SURVEYED	DATE
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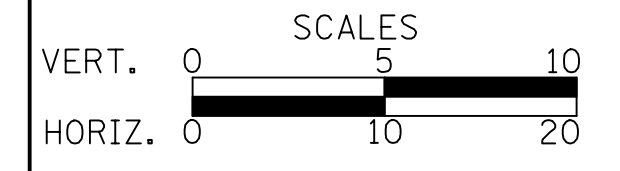
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CHECKED -	KRK	REVISED	-
DATE -	2/12/2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



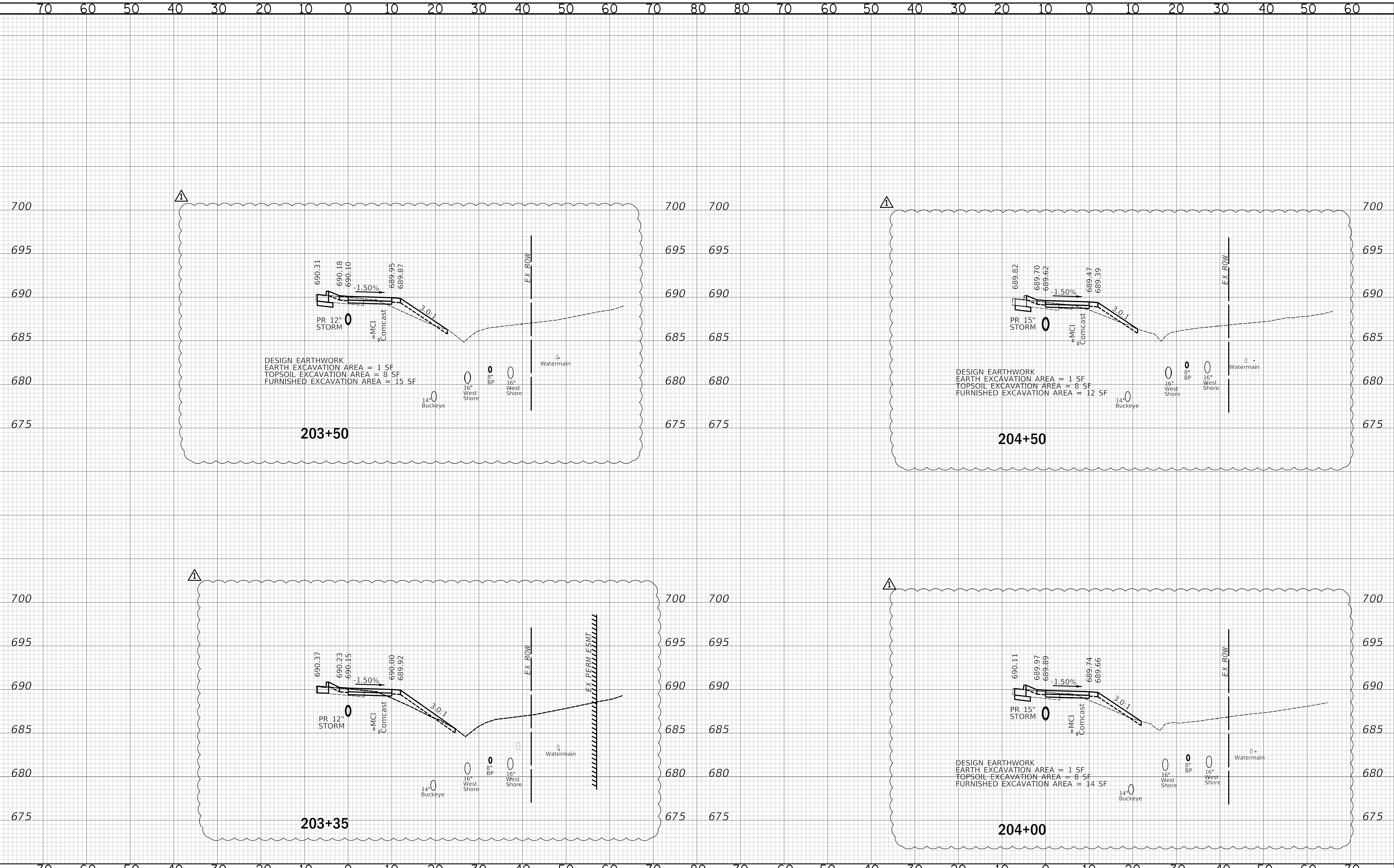
CROSS SECTIONS - IL ROUTE 83

SHEET NO. 2 OF 14 SHEETS STA. 201+50 TO STA. 203+00

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CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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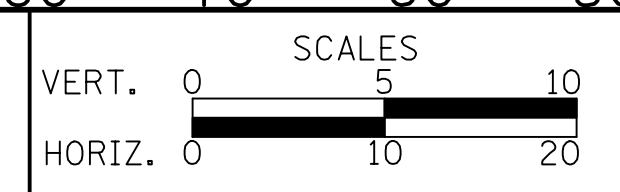
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NOTE BOOK	PLOTTED	BY
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DATE -	2/12/2020	REVISED	-

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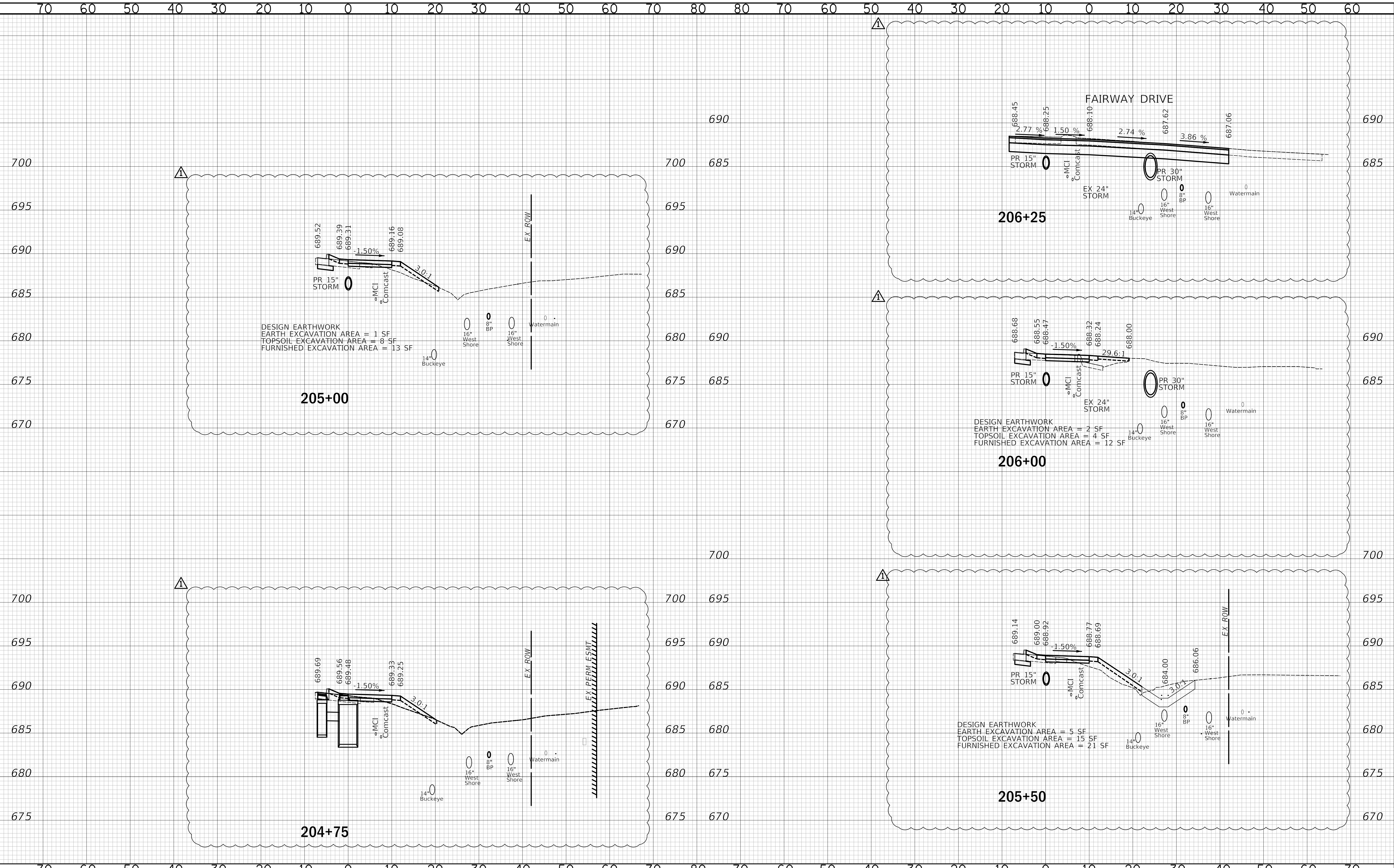
CROSS SECTIONS - IL ROUTE 83

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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G06	

DATE	
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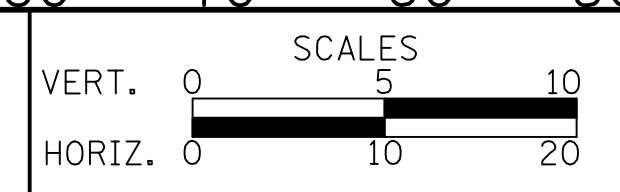
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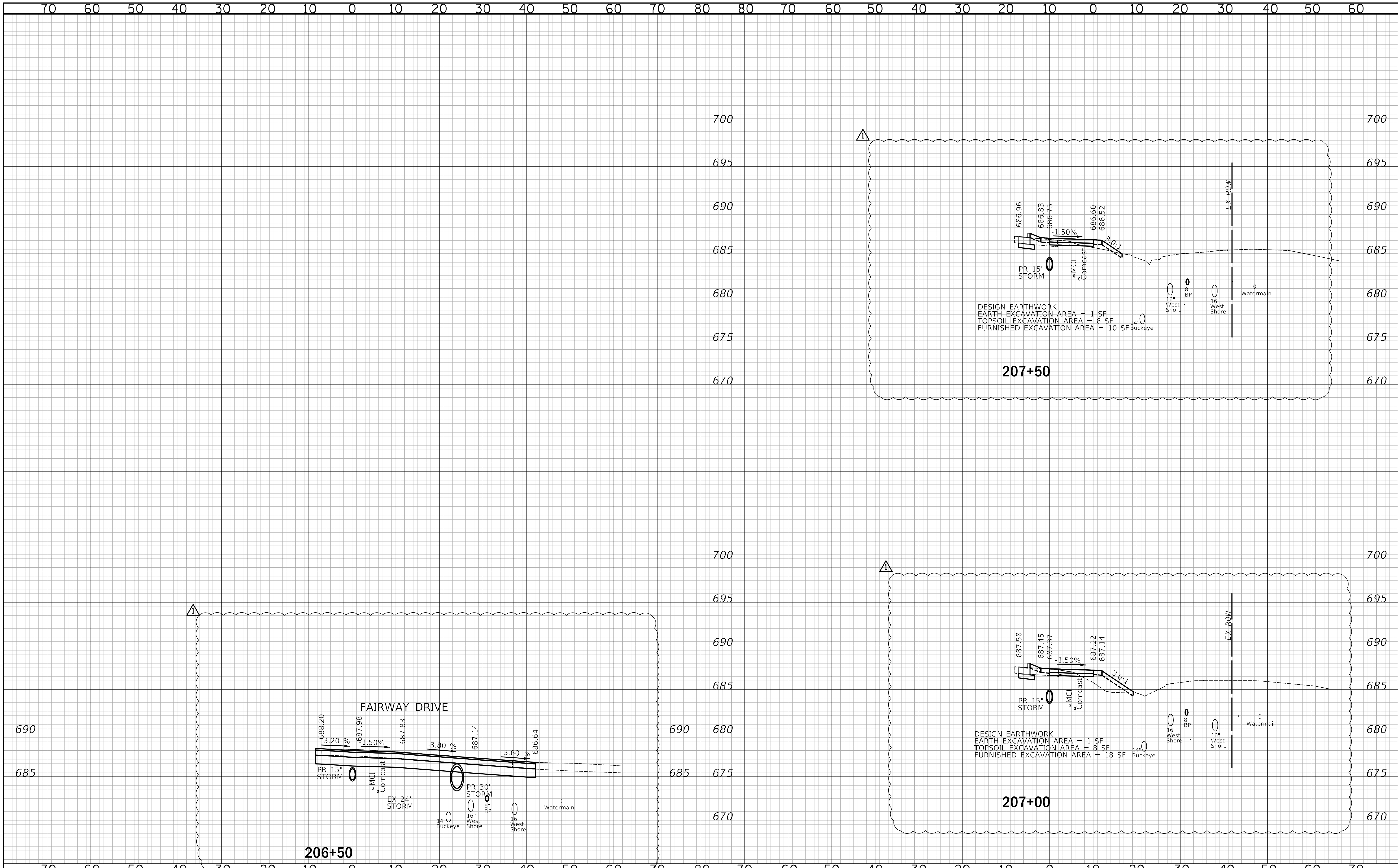
CROSS SECTIONS - IL ROUTE 83

SHEET NO. 4 OF 14 SHEETS STA. 204+75 TO STA. 206+25

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CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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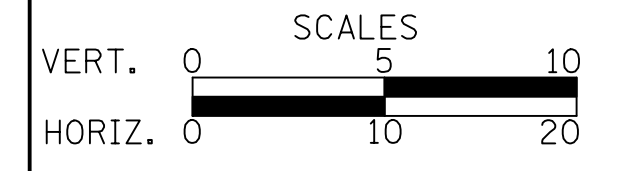
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CROSS SECTIONS - IL ROUTE 83

SHEET NO. 5 OF 14 SHEETS STA. 206+50 TO STA. 207+50

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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G06	

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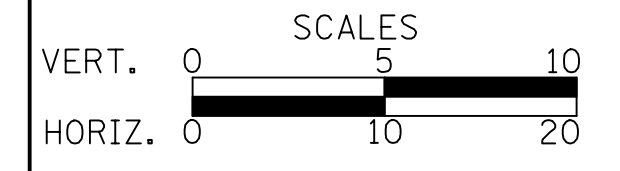
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DATE	- 2/12/2020	REVISED	-

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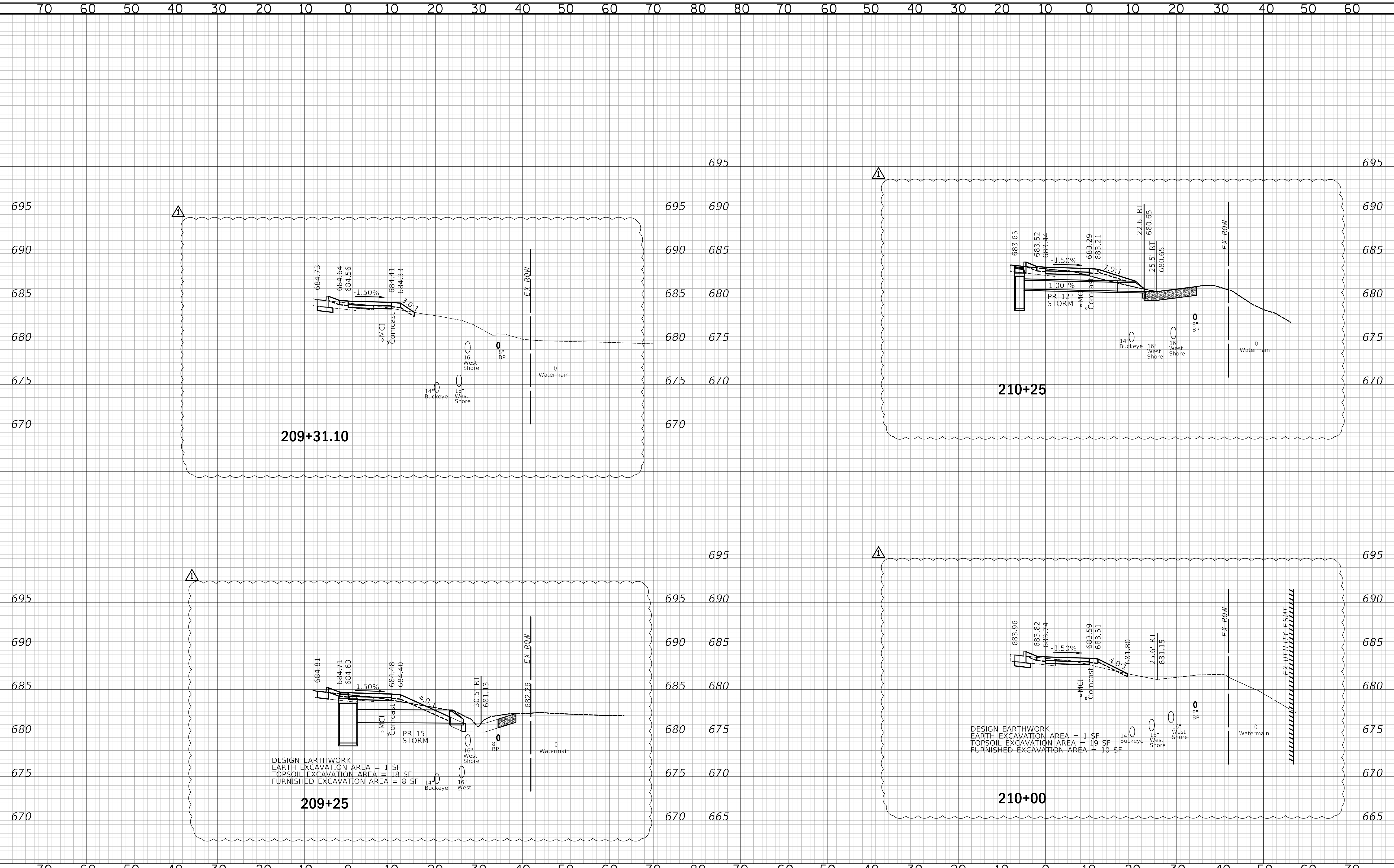
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2667	17-00097-00-BT	DUPAGE	77	67
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G06	

FINAL SURVEY	SURVEYED	DATE
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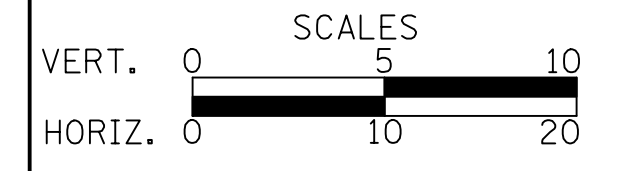
ORIGINAL SURVEY	SURVEYED	DATE
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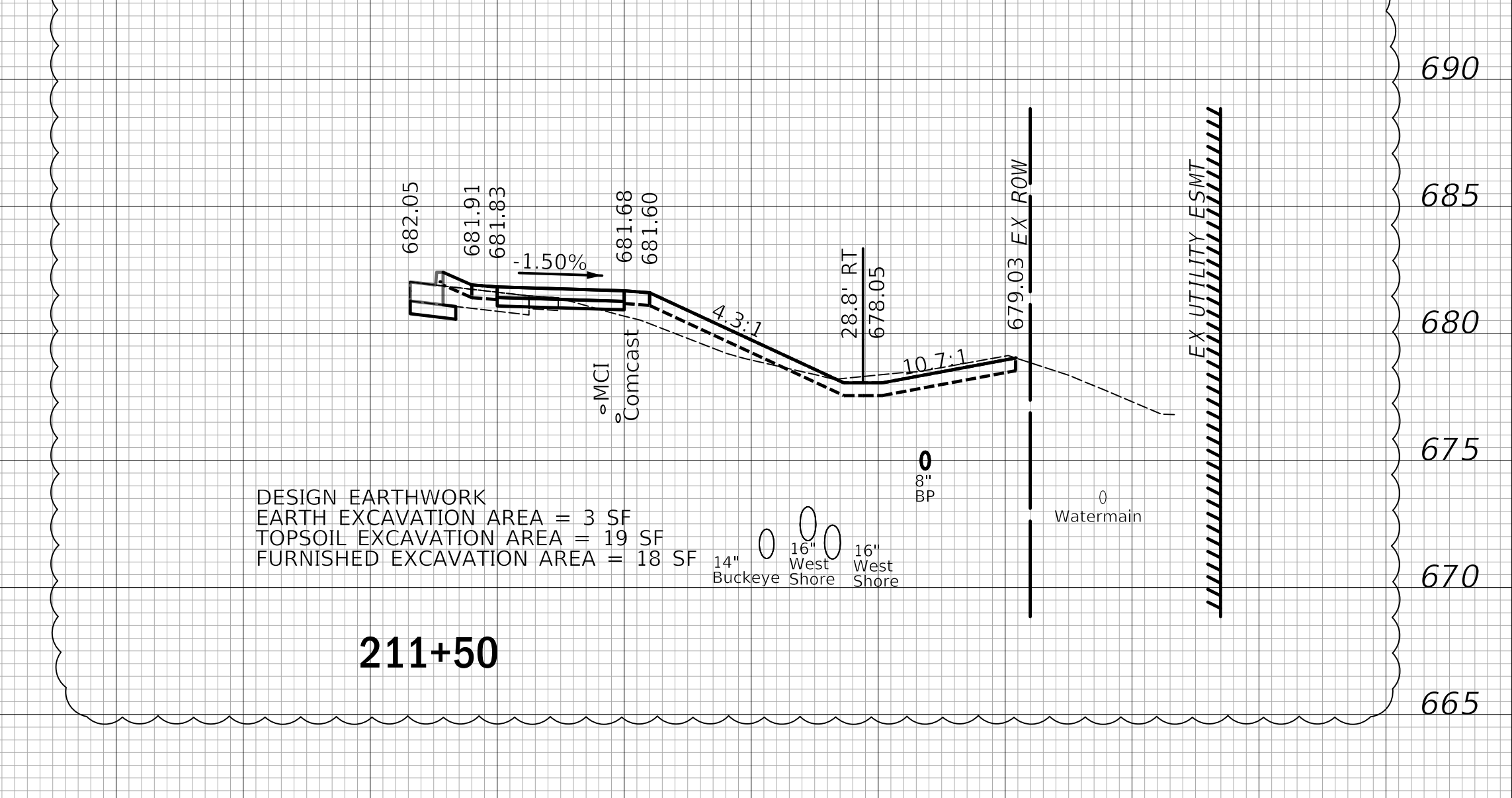
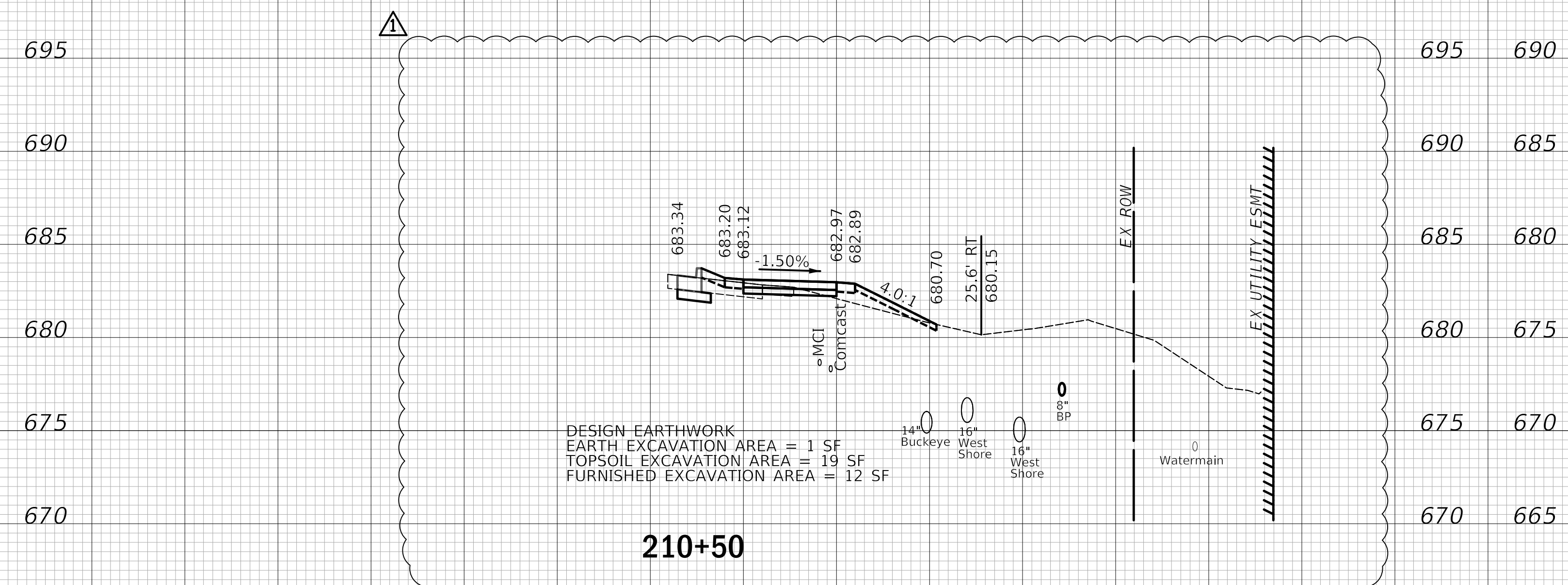
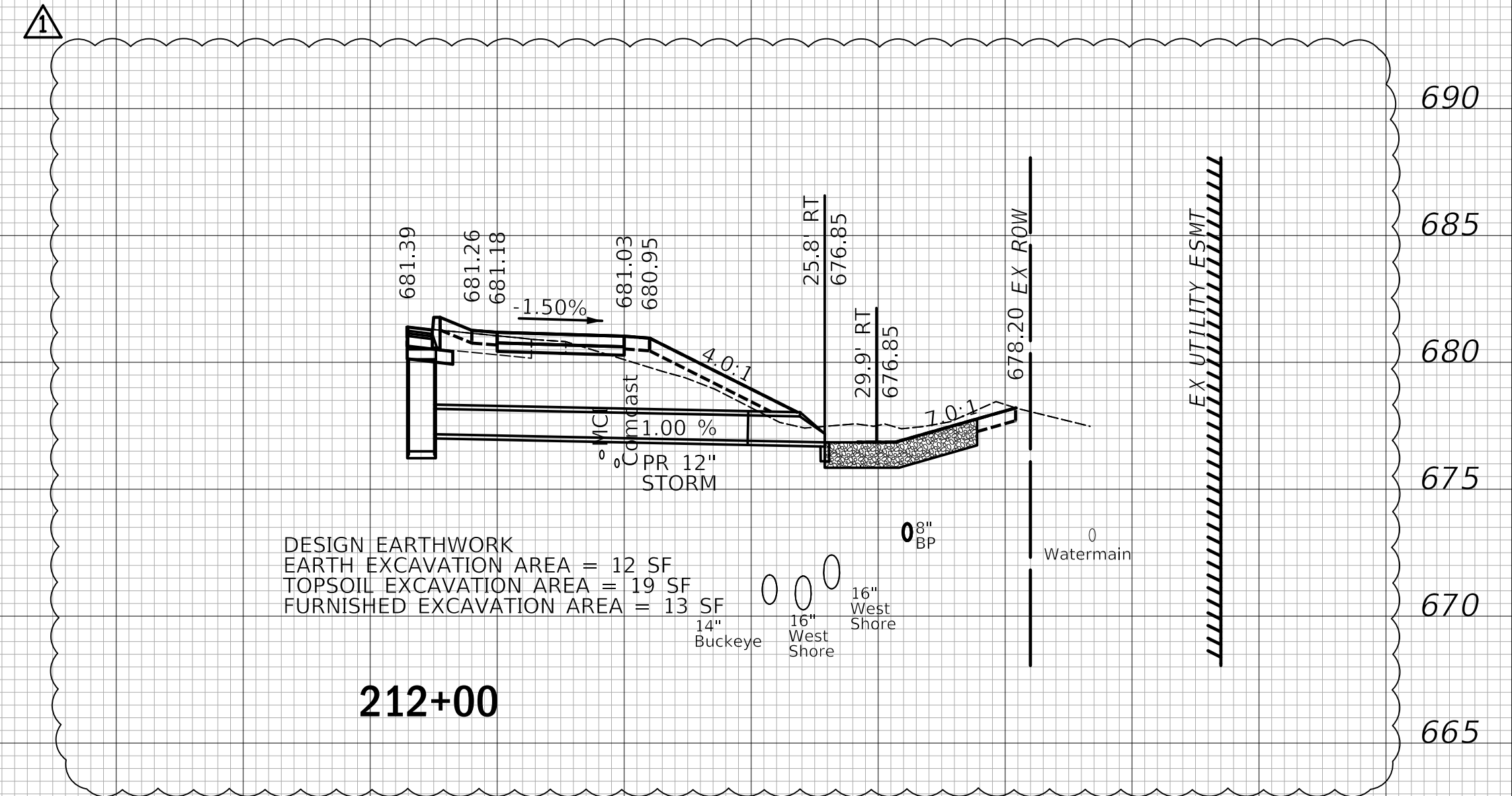
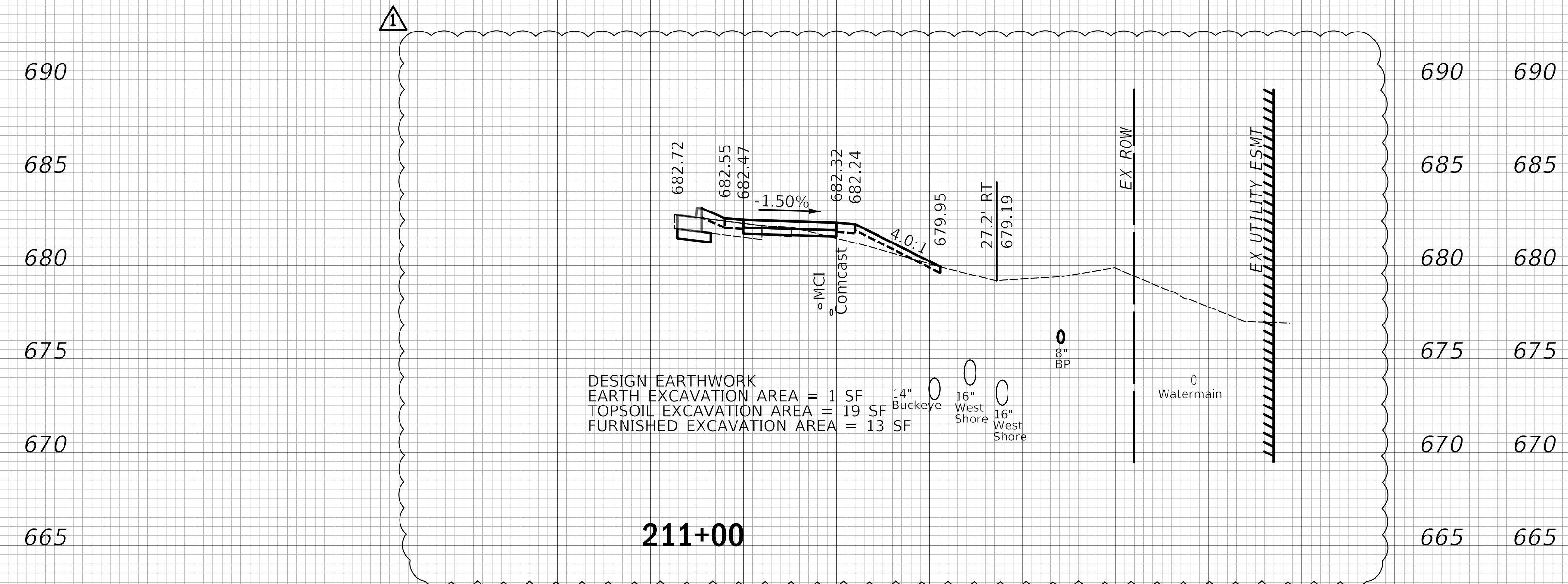
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			CONTRACT NO. 61G06	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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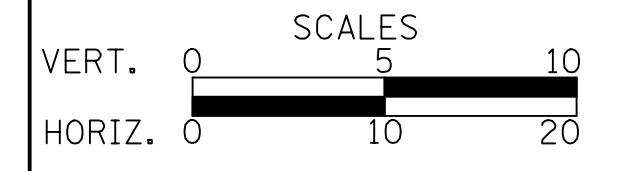


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DATE - 2/12/2020	REVISED -

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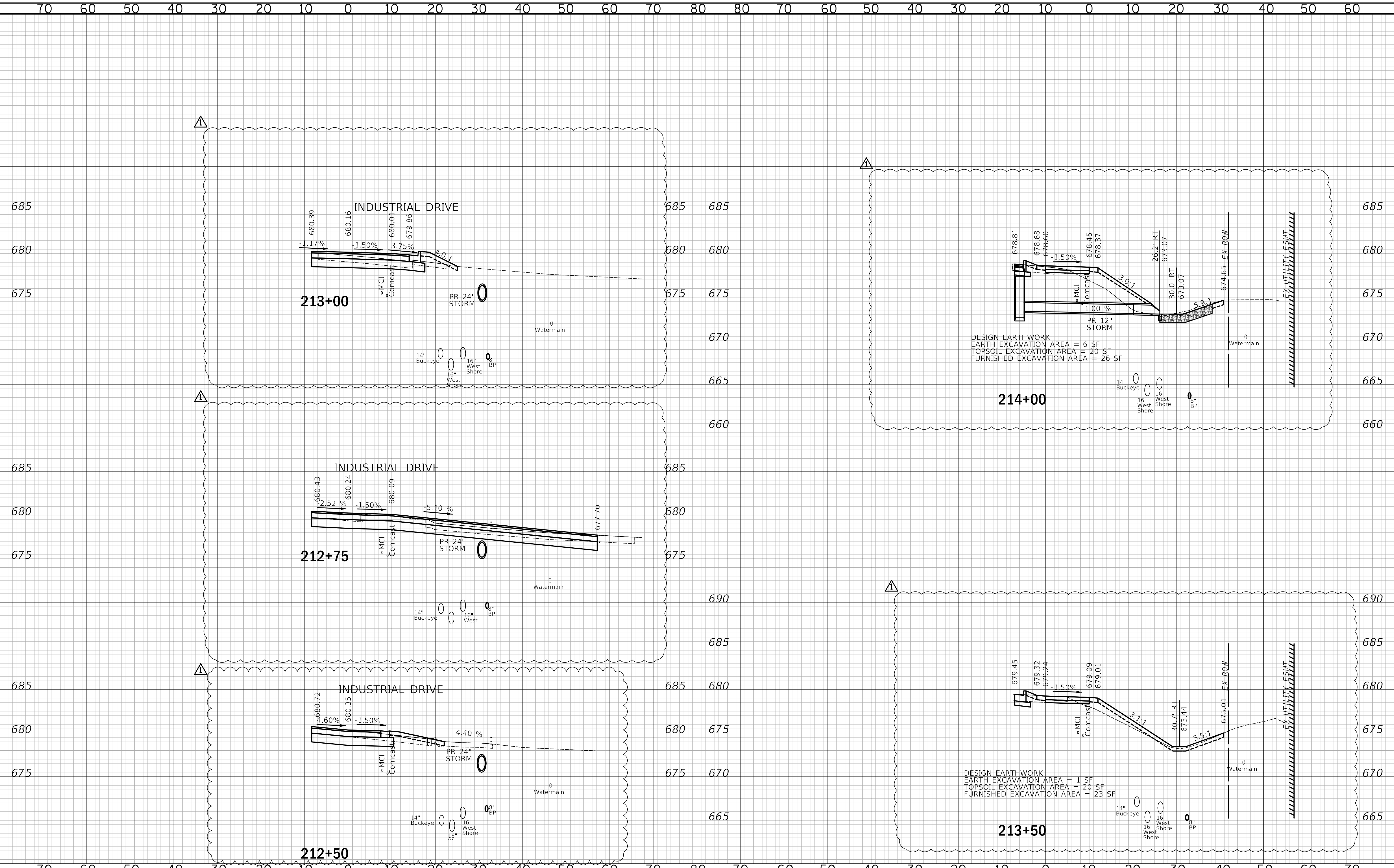
CROSS SECTIONS - IL ROUTE 83

SHEET NO. 8 OF 14 SHEETS STA. 210+50 TO STA. 212+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	17-00097-00-BT	DUPAGE	77	69
				CONTRACT NO. 61G06
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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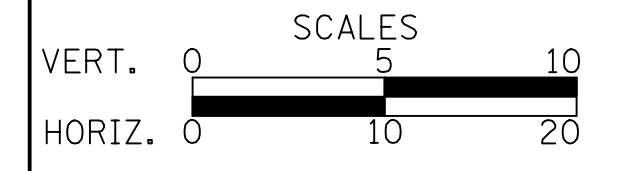
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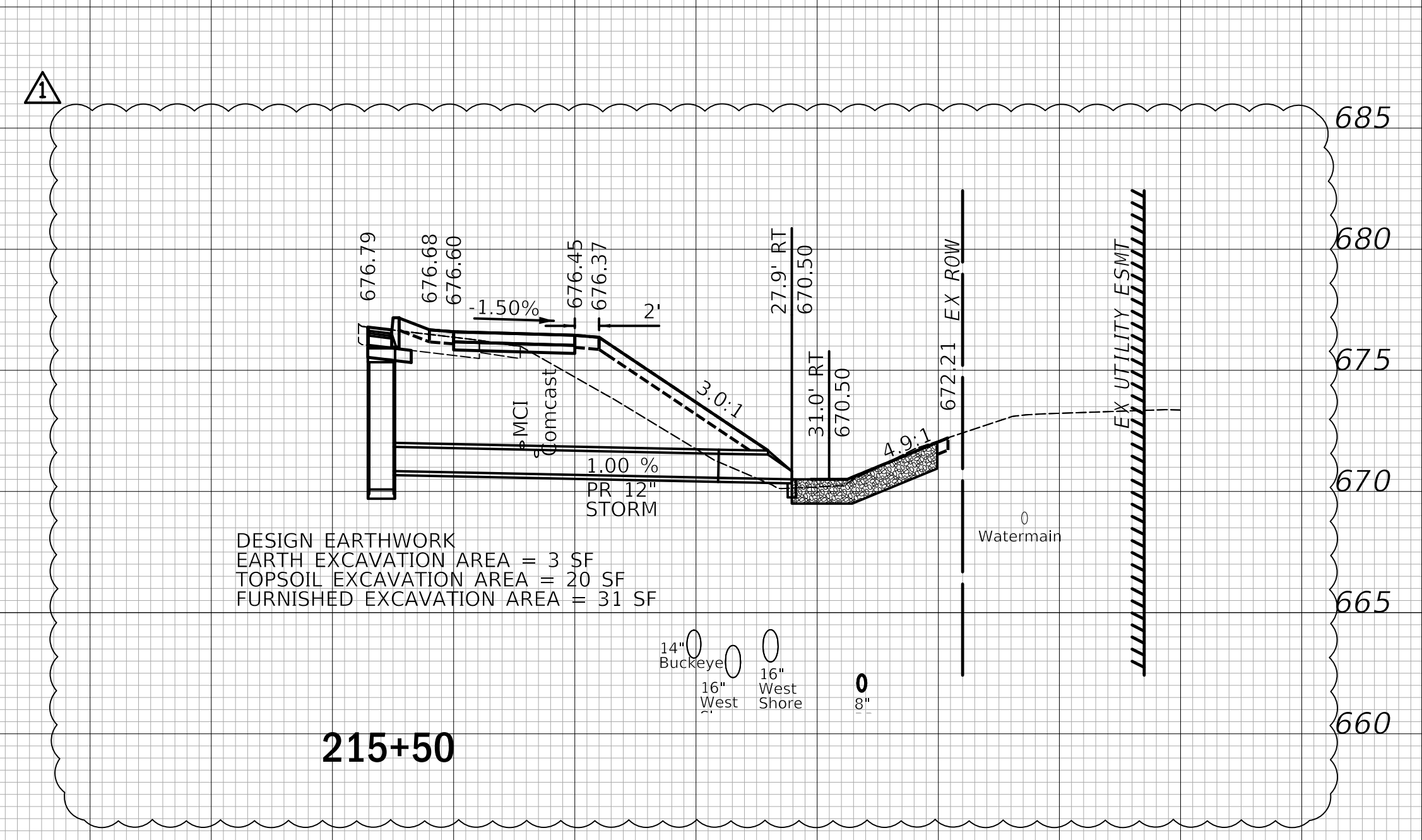
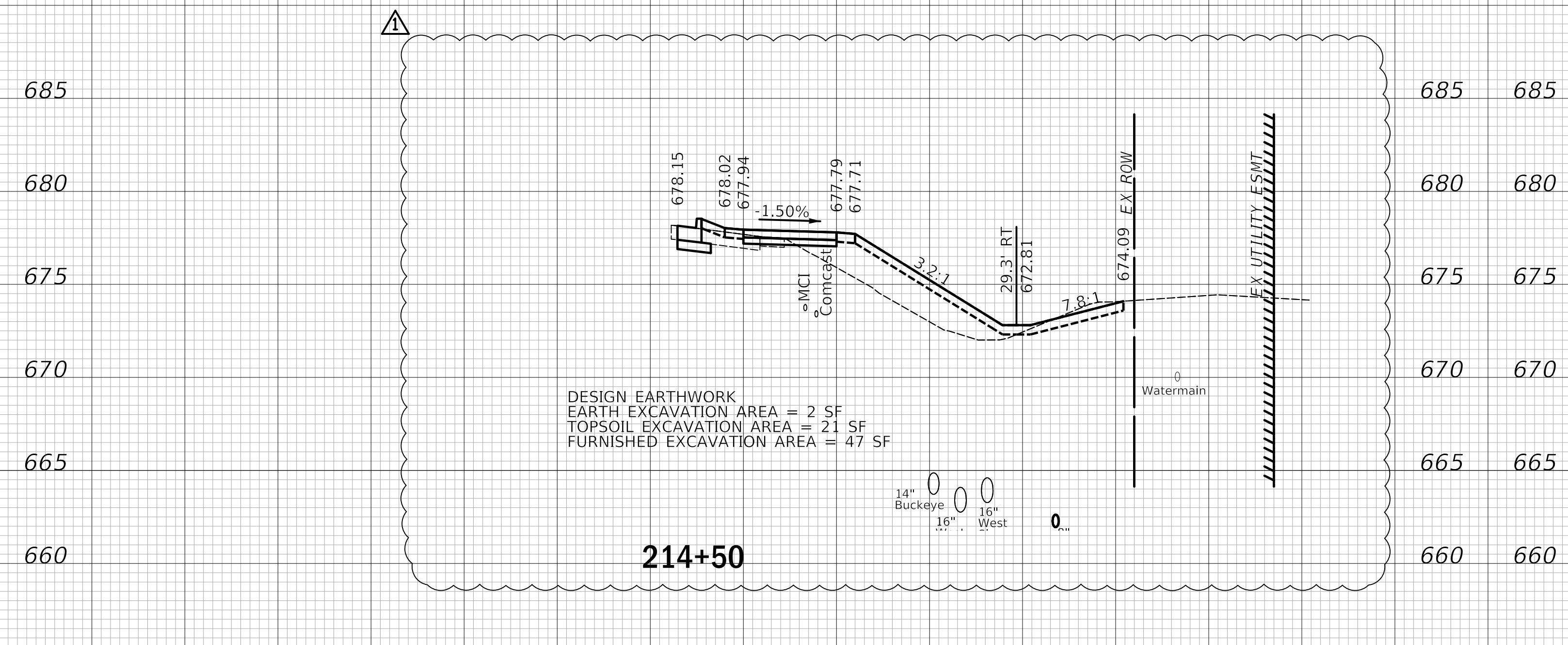
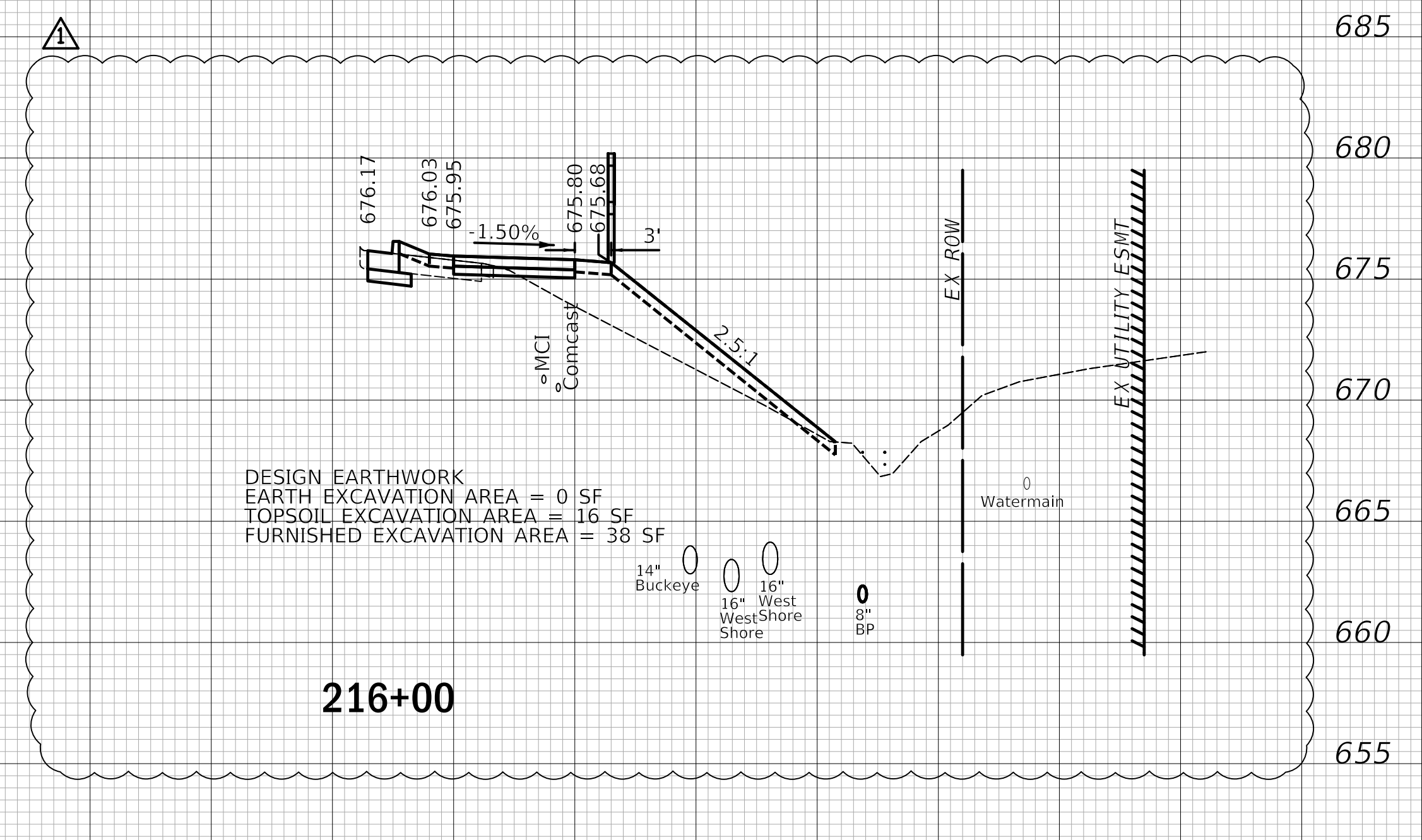
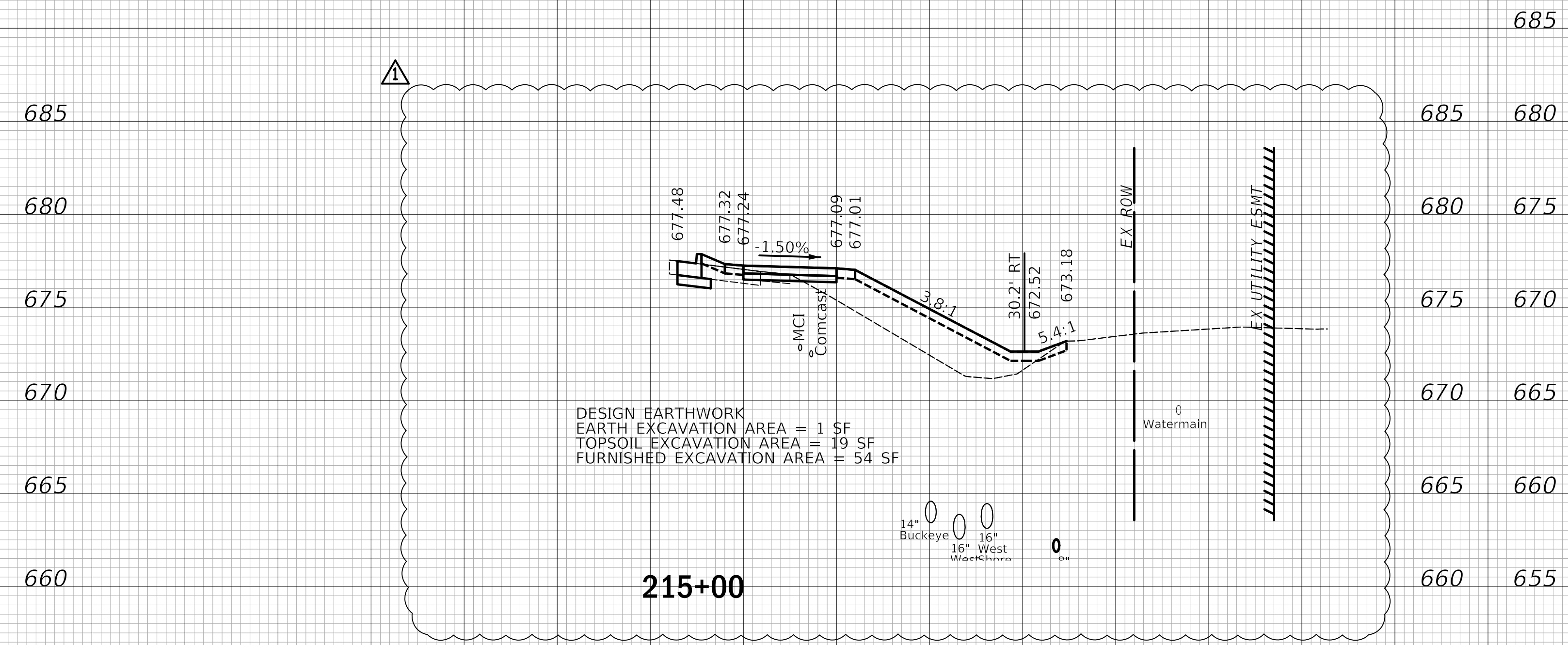
CROSS SECTIONS - IL ROUTE 83

SHEET NO. 9 OF 14 SHEETS STA. 212+50 TO STA. 214+00

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2667	17-00097-00-BT	DUPAGE	77	70
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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FINAL SURVEY	SURVEYED
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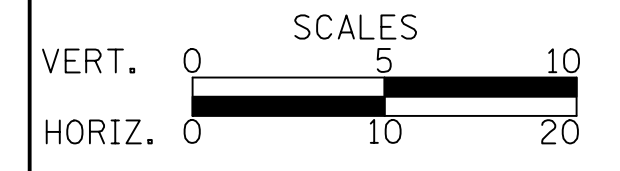
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DATE -	2/12/2020	REVISED	-

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CROSS SECTIONS - IL ROUTE 83

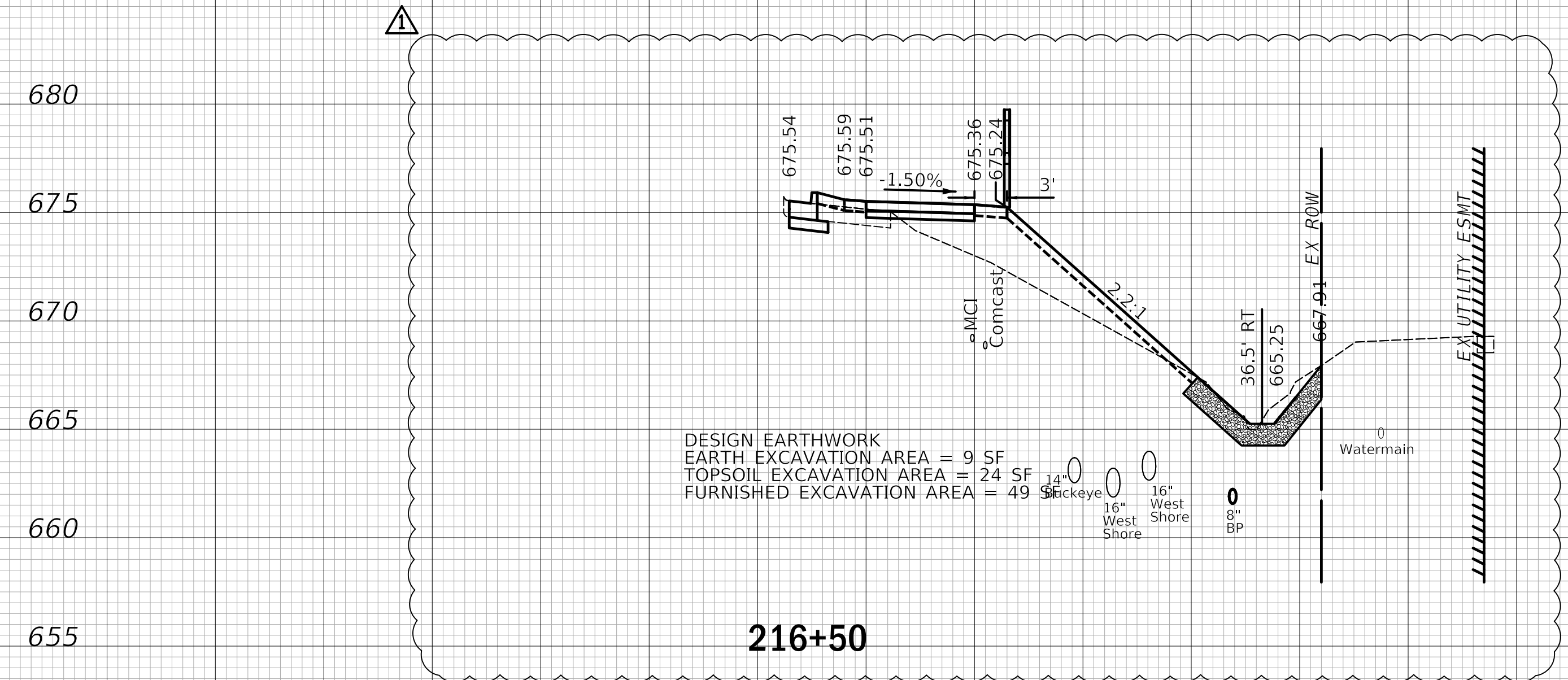
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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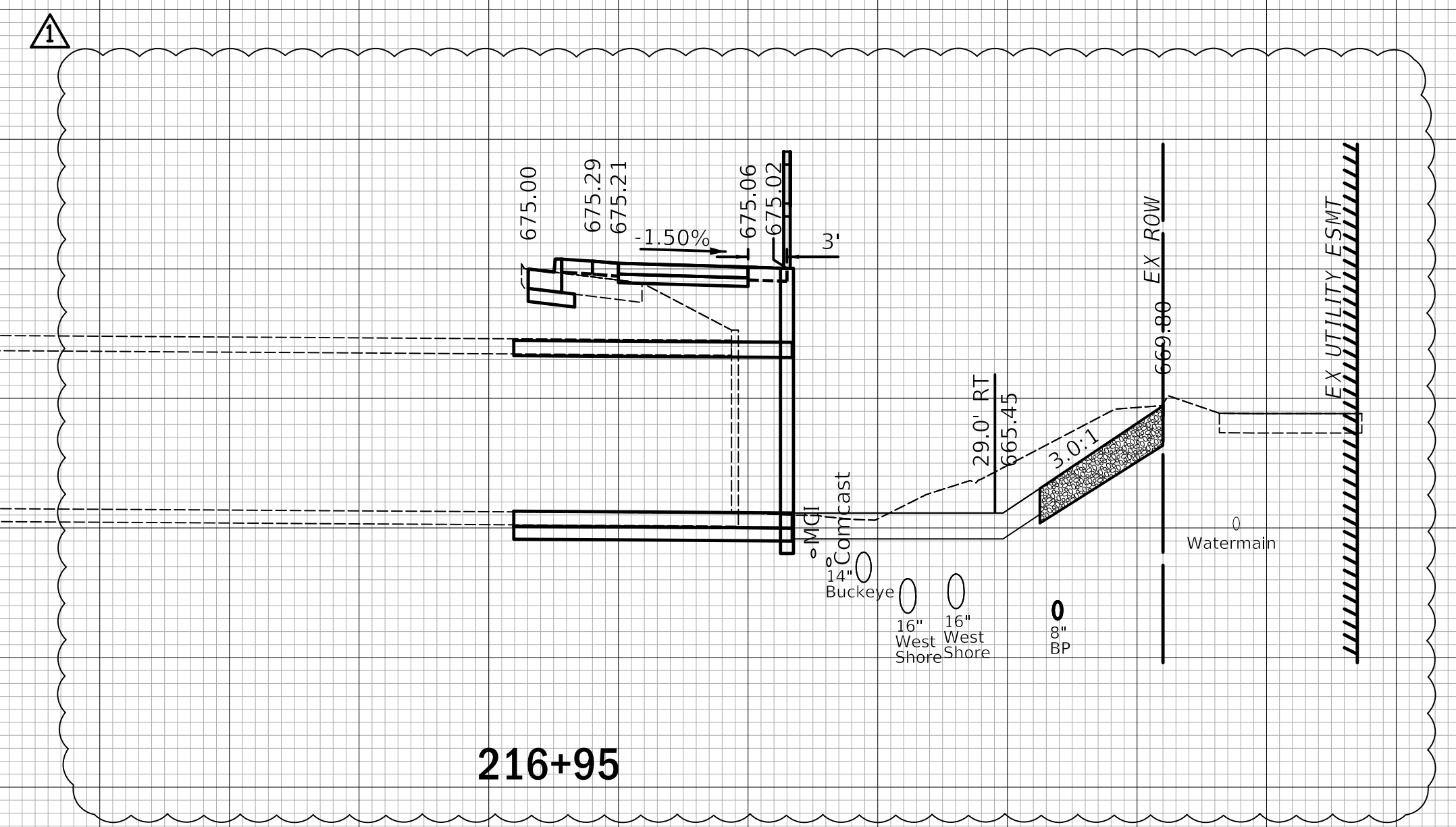
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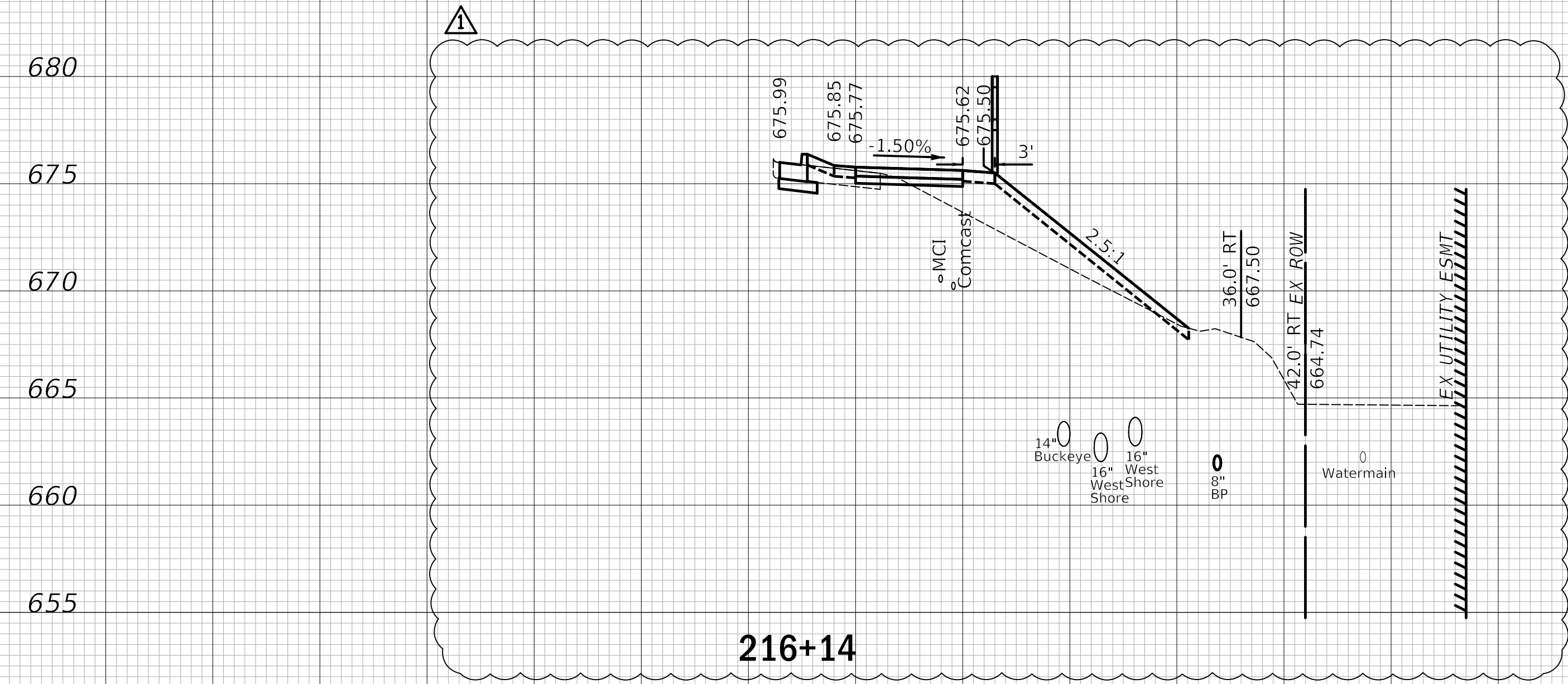
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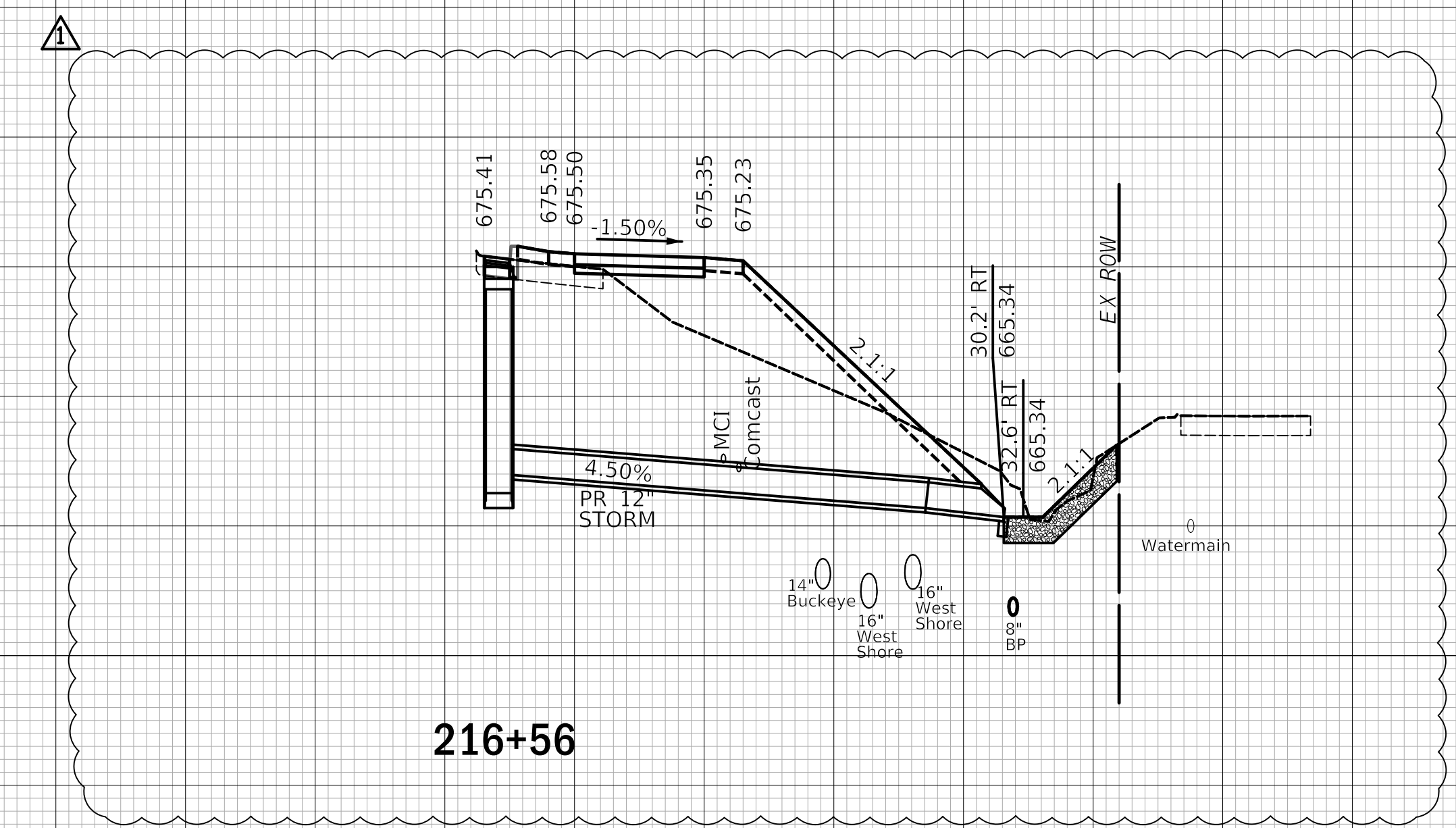
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VERT. 0 5 10
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 SCALES

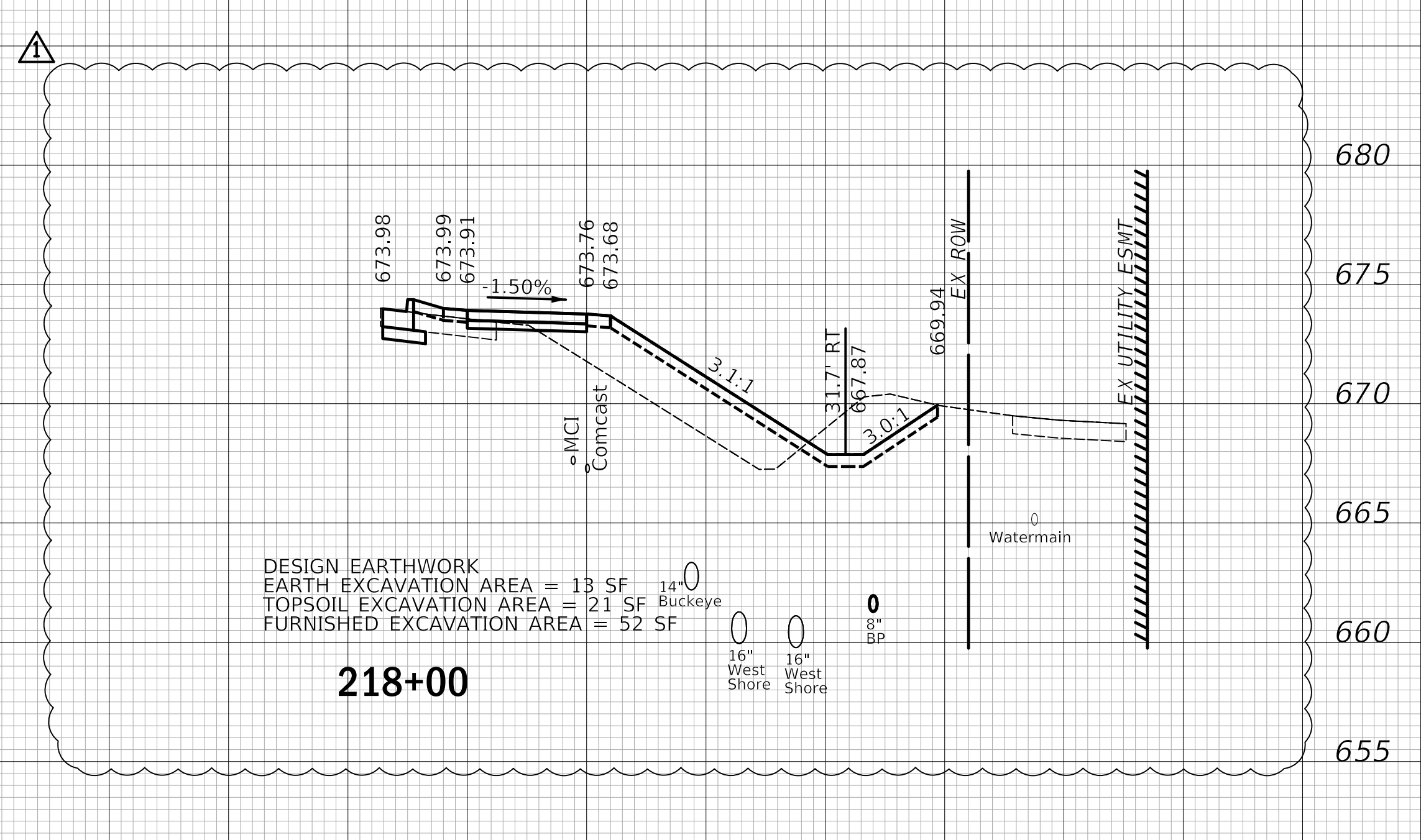
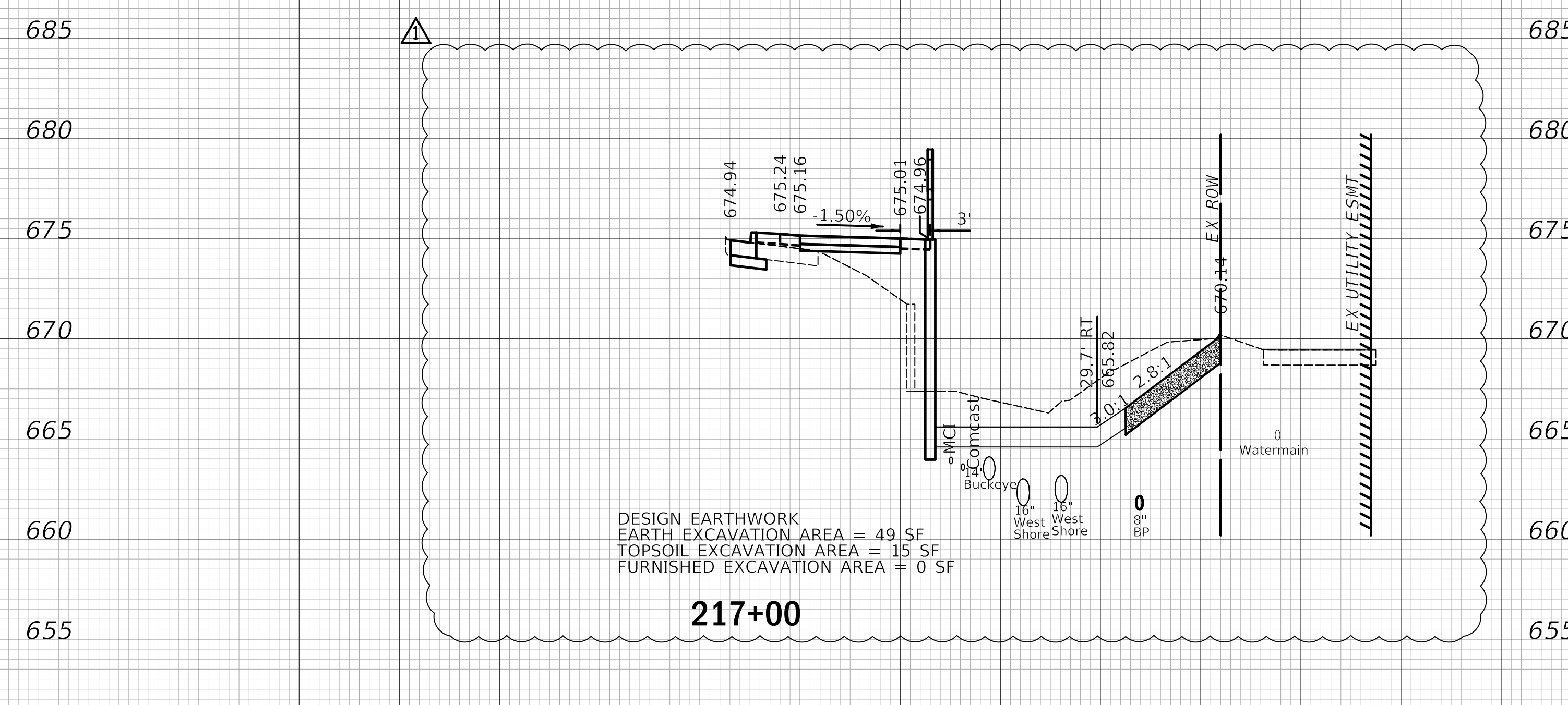
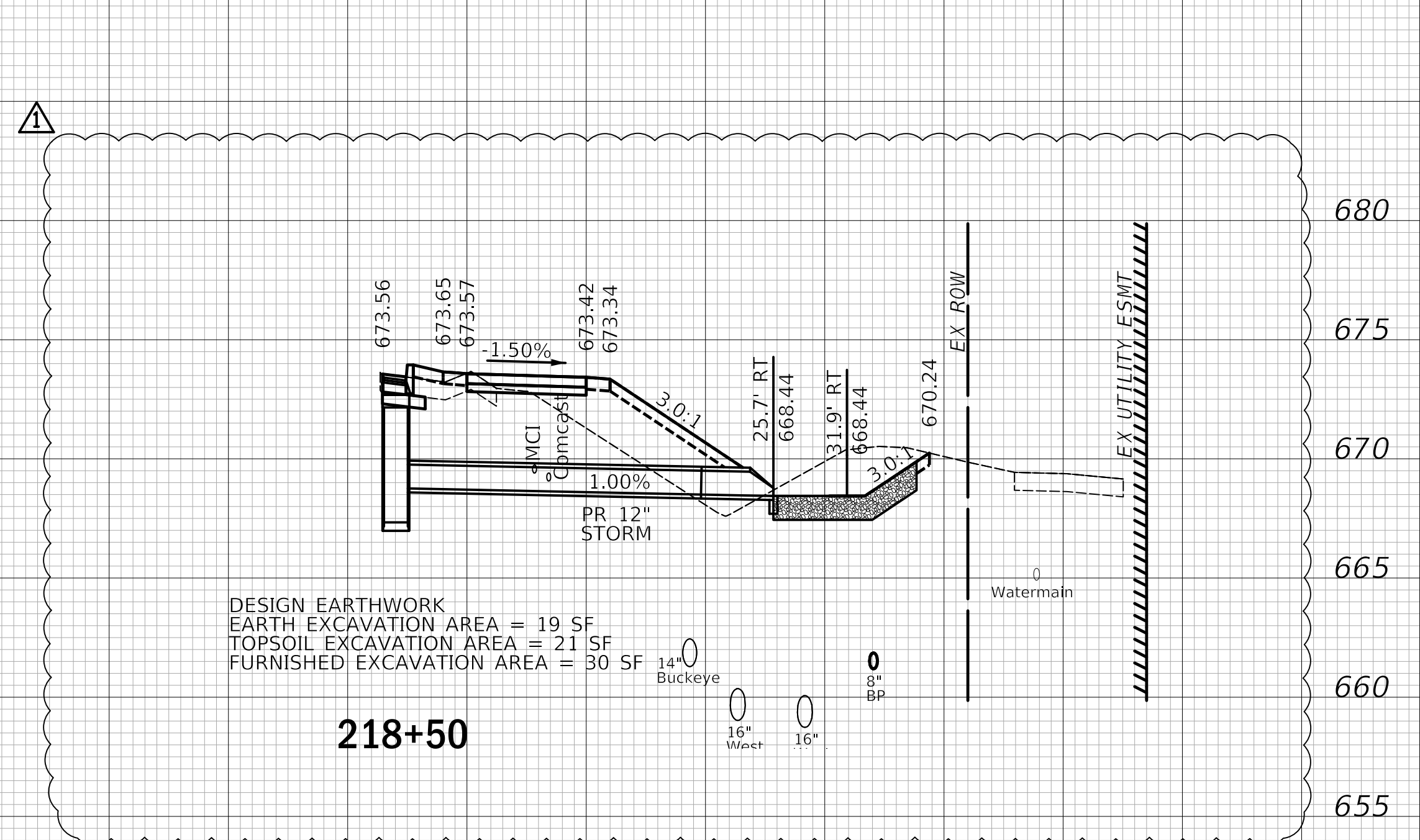
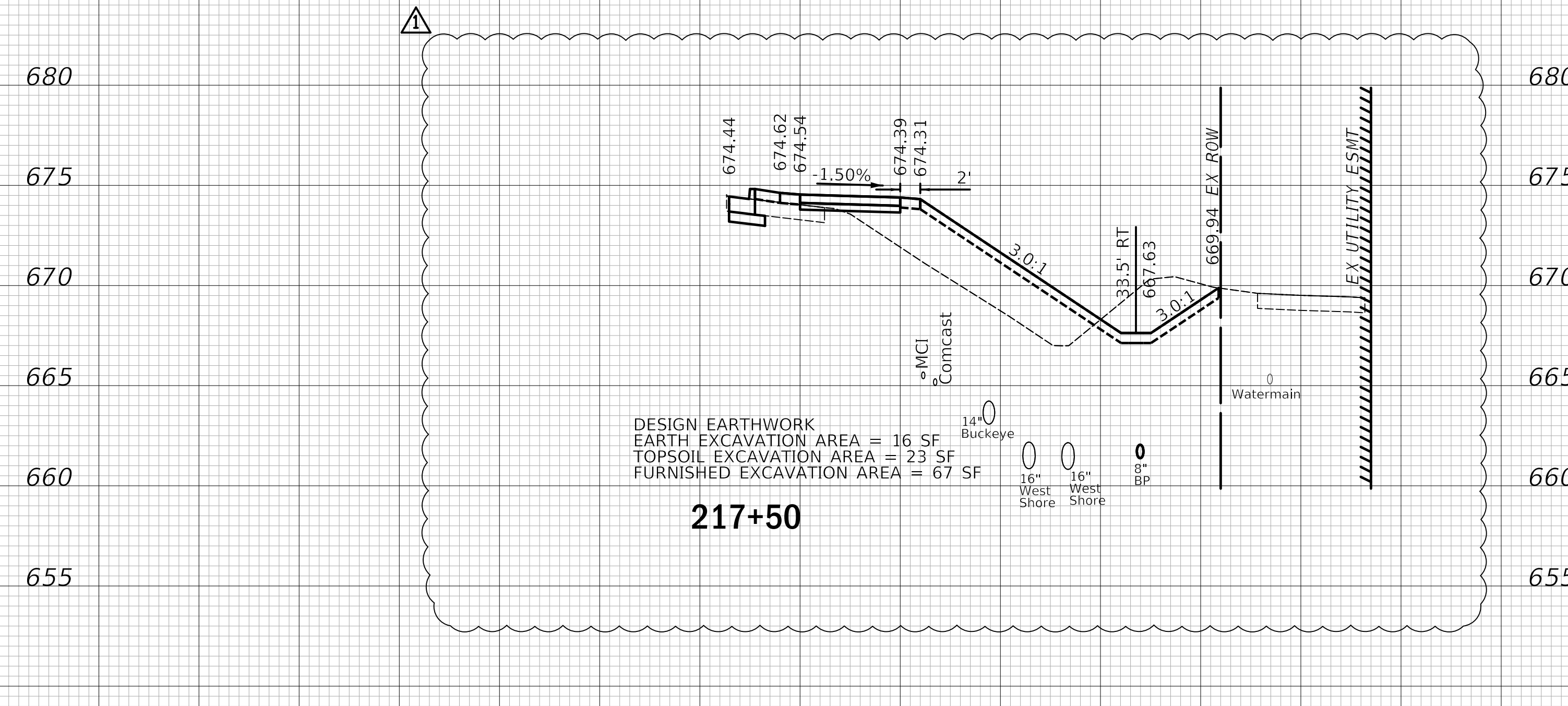
CROSS SECTIONS - IL ROUTE 83

SHEET NO. 11 OF 14 SHEETS STA. 216+14 TO STA. 216+95

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	17-00097-00-BT	DUPAGE	77	72
CONTRACT NO. 61G06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

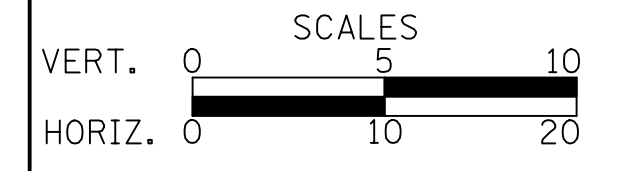
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - JRR	REVISED - 4/10/2020
DRAWN - TGB	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/12/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



CROSS SECTIONS - IL ROUTE 83

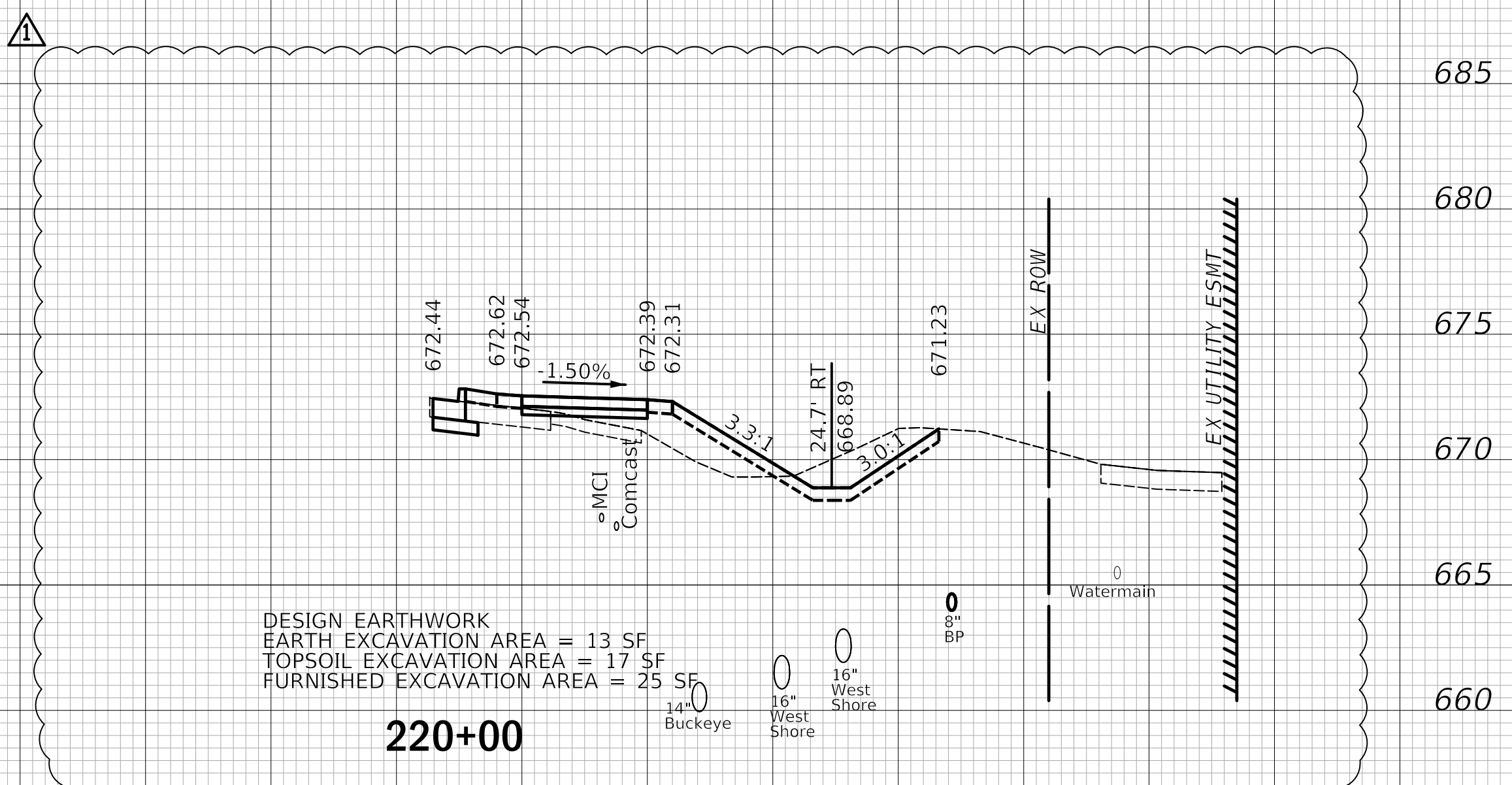
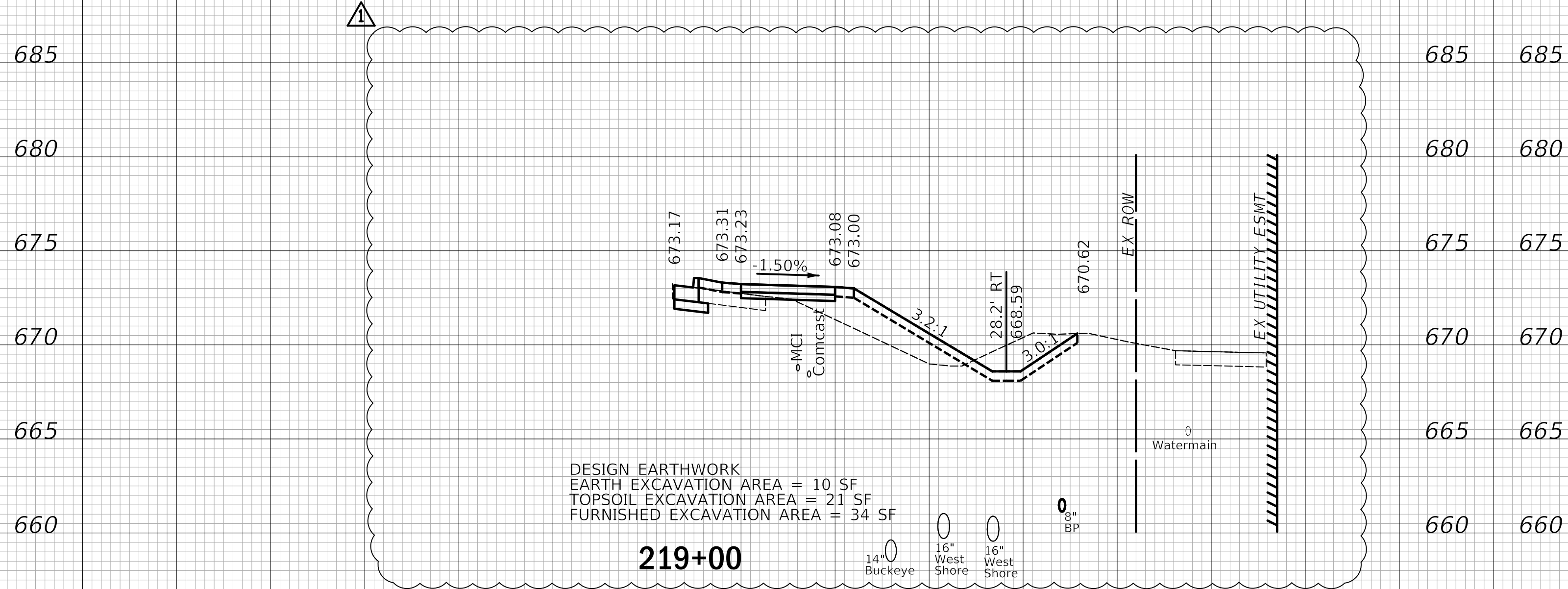
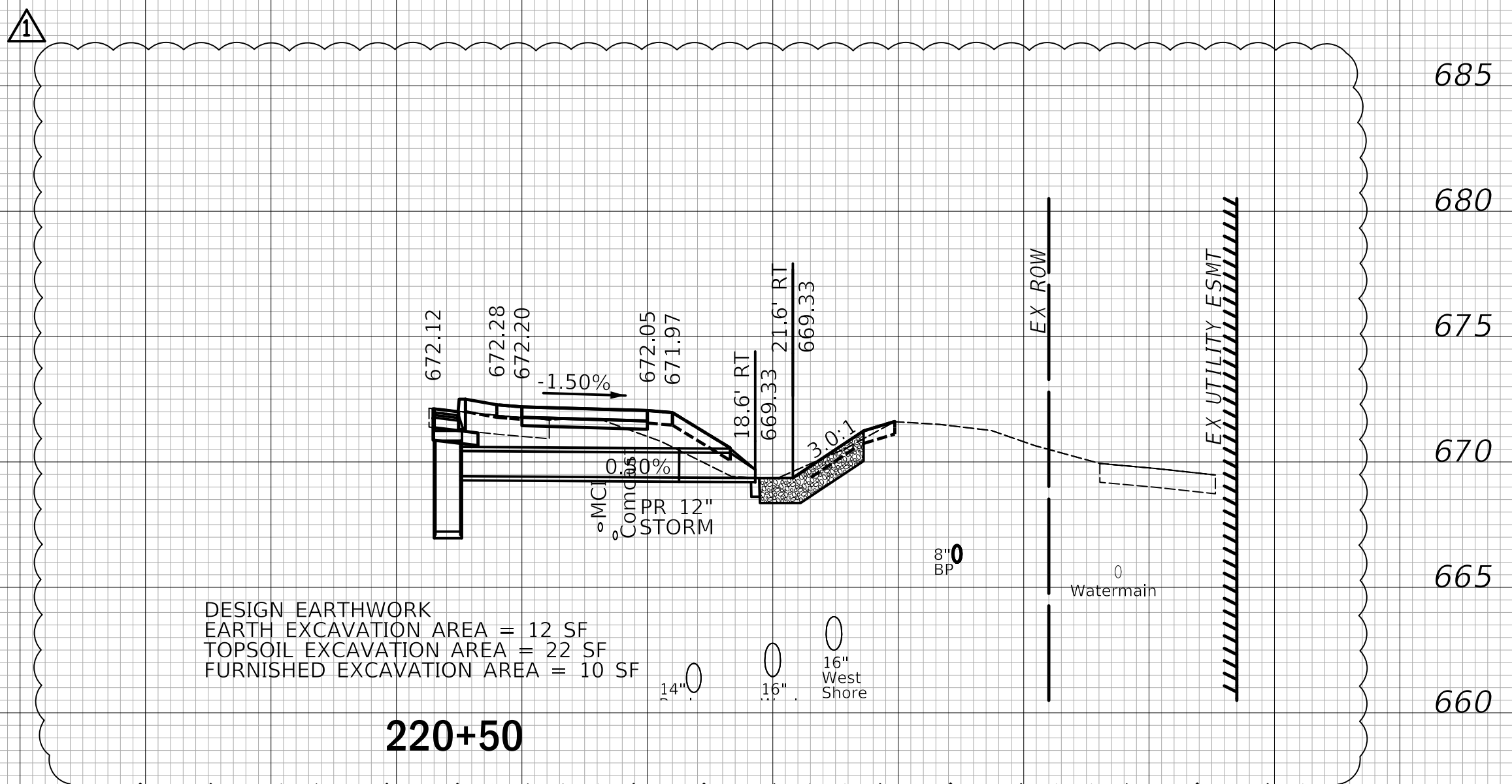
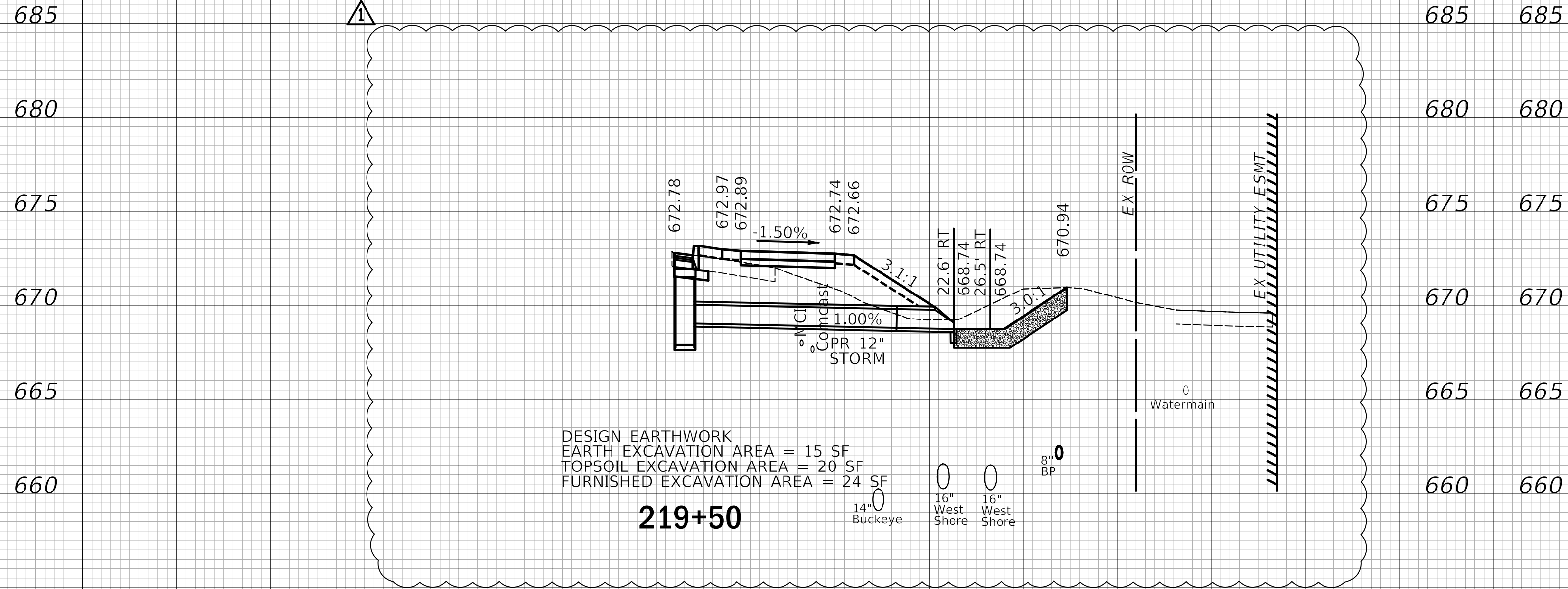
SHEET NO. 12 OF 14 SHEETS STA. 217+00 TO STA. 218+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	17-00097-00-BT	DUPAGE	77	73
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 61G06

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60



70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70

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DESIGNED - JRR	REVISED - 4/10/2020
DRAWN - TGB	REVISED -
CHECKED - KRK	REVISED -
DATE - 2/12/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



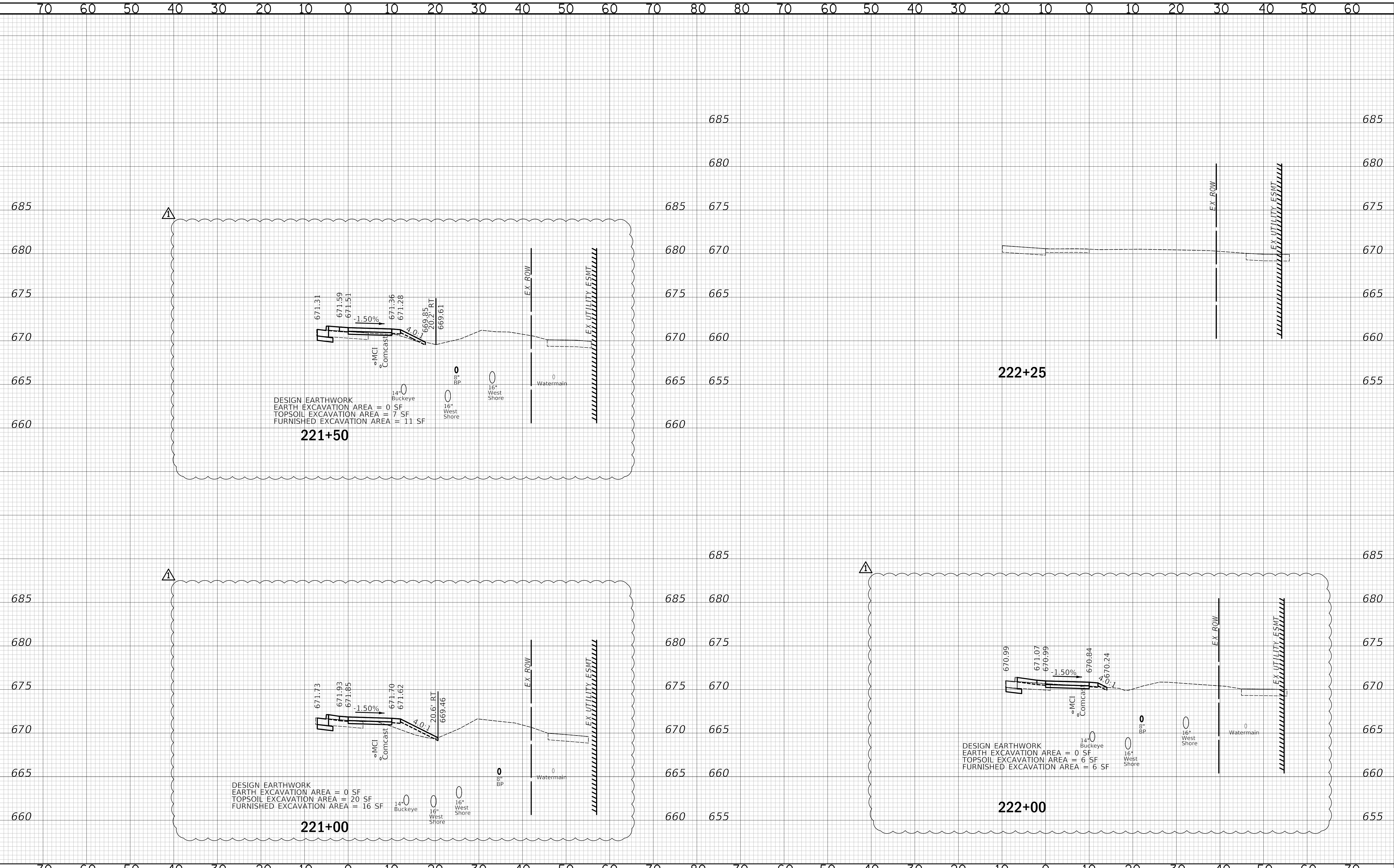
CROSS SECTIONS - IL ROUTE 83

SHEET NO. 13 OF 14 SHEETS STA. 219+00 TO STA. 220+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	17-00097-00-BT	DUPAGE	77	74
				CONTRACT NO. 61G06
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	



DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 7 SF
 FURNISHED EXCAVATION AREA = 11 SF

221+50

DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 20 SF
 FURNISHED EXCAVATION AREA = 16 SF

221+00

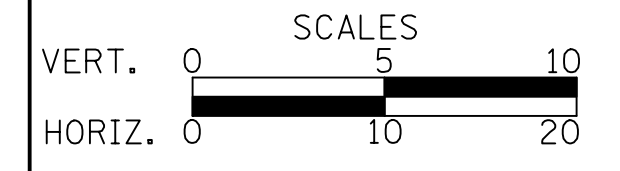
DESIGN EARTHWORK
 EARTH EXCAVATION AREA = 0 SF
 TOPSOIL EXCAVATION AREA = 6 SF
 FURNISHED EXCAVATION AREA = 6 SF

222+00

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DESIGNED -	JRR	REVISED	4/10/2020
DRAWN -	TGB	REVISED	-
CHECKED -	KRK	REVISED	-
DATE	2/12/2020	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



CROSS SECTIONS - IL ROUTE 83

SHEET NO. 14 OF 14 SHEETS STA. 221+00 TO STA. 222+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2667	17-00097-00-BT	DUPAGE	77	75
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G06	