

FINAL ENGINEERING PLANS

NORMANTOWN TRAIL PHASE 2

PLAINFIELD, ILLINOIS

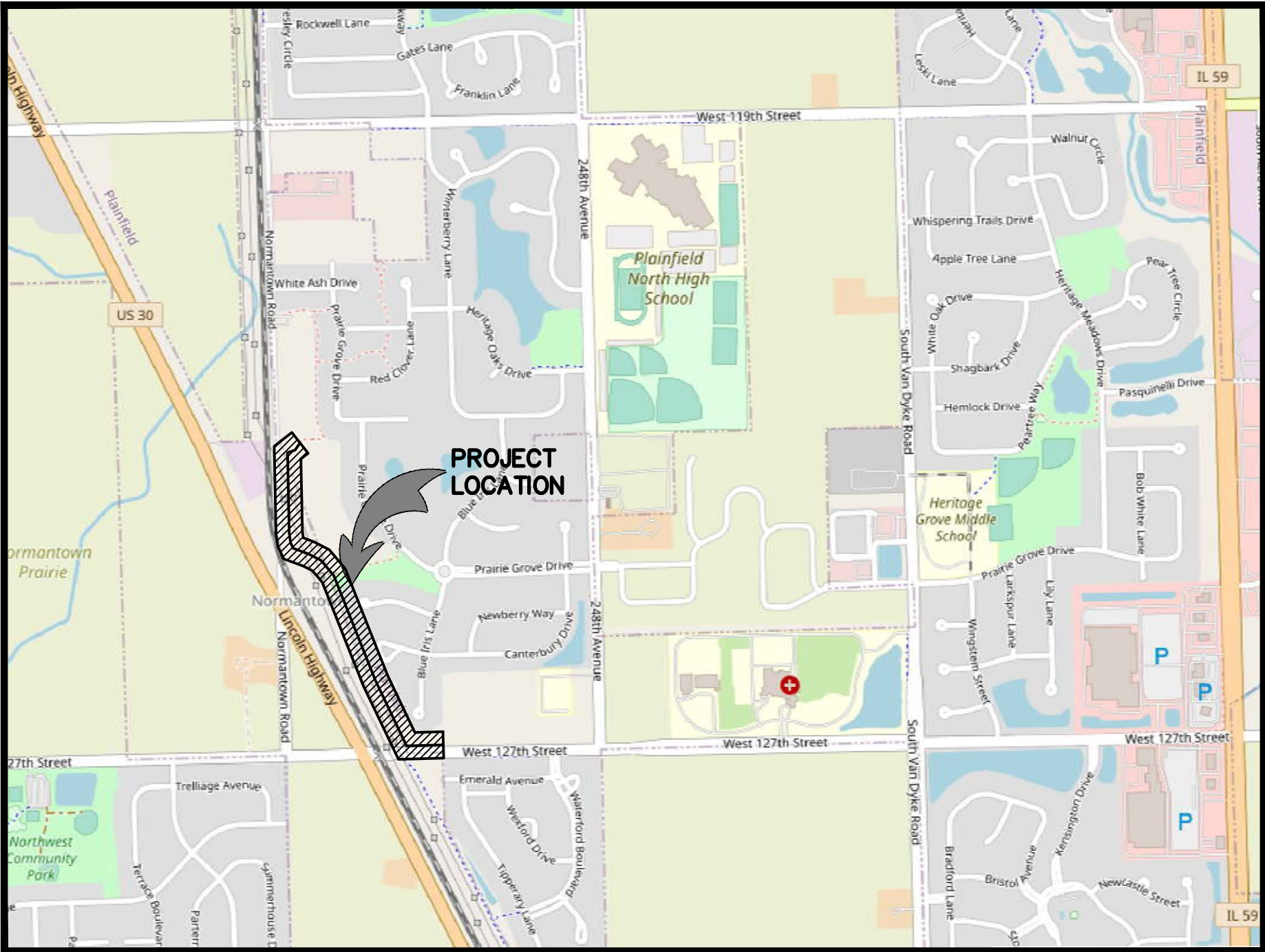
07-01-29-400-001-0000: ASSESSMENT DESCRIPTION: THAT PRT OF THE W1/2 OF THE SE1/4 OF SEC. 29, T37N-R9E, DAF: SD PARCEL OF LAND LIES ADJ TO THE W'LY CANTERBURY WOODS SUB LINE, & ALSO SD TRACT LIES N OF THE S LN OF SEC. 29, & SD TRACT OF LAND ALSO LIES ADJ TO & N'ELY OF THE E'LY RR ROW, & ALSO SD TRACT OF LAND LIES E OF SD SEC.'S CENTERLINE.

07-01-29-400-022-0020: THAT PRT OF SEC 29, T37N-R9E, DAF: BEG AT THE SW COR OF PARCEL 5 IN WHITE ASH FARM SUB UNIT 1, BEING A SUB OF PRT OF THE NE1/4 OF SD SEC 29; THC S 86 DEG 51'03" W, ON THE W'LY EXT OF THE S LN OF SAID PARCEL 5, A DIST OF 7 FT TO A PT 33 FT NORMALLY DIST E OF THE W LN OF THE NE1/4 OF SD SEC 29; THC S 01 DEG 53'00" E, PARL WITH THE W LN OF SD NE1/4, 723.06 FT TO THE W'LY EXT OF THE N LN OF LOT 88 IN WHITE UNIT 3, BEING A SUB OF PRT OF SD NE1/4; THC N 88 DEG 41'29" E, ON SD W'LY EXT, 7 FT TO THE NW COR OF SD LOT 88; THC S 01 DEG 53'00" W, ON THE W LN OF SD LOT 88, A DIST OF 330.02 FT TO THE SW COR OF SD LOT 88; THC S 88 DEG 41'29" W, ON THE N LN OF THE SE1/4 OF SD SEC 29, A DIST OF 7 FT TO A PT 33 FT NORMALLY DIST E OF THE W LN OF SD SE1/4; THC S 01 DEG 53'00" E, PARL WITH SD W LN, 991.92 FT TO THE NE'LY ROW LN OF ELGIN, JOLIET & EASTERN RR; THC N 27 DEG 29'44" W, ON SD NE'LY ROW LN, 152.68 FT TO A PT 33 FT NORMALLY DISTANT W OF THE E LN OF THE SW1/4 OF SD SEC 29; THC N 01 DEG 53'00" W, PARL WITH SD E LN AND THE E LN OF THE NW1/4 OF SD SEC 29, A DIST OF 2074.58 FT; THC N 88 DEG 07'00" E, 73 FT TO THE SOUTHERNMOST NW COR OF SD PARCEL 5; THC S 01 DEG 53'00" E, ON THE W LN OF SD PARCEL 5, A DIST OF 167.11 FT TO THE POB. NEW NUMBER ASSIGNMENT (2013 LEVY)

07-01-29-400-022-0010: THAT PRT OF SEC 29, T37N-R9E, DAF: BEG AT THE SW COR OF PARCEL 5 IN WHITE ASH FARM SUB UNIT 1, BEING A SUB OF PRT OF THE NE1/4 OF SD SEC 29; THC S 86 DEG 51'03" W, ON THE W'LY EXT OF THE S LN OF SAID PARCEL 5, A DIST OF 7 FT TO A PT 33 FT NORMALLY DIST E OF THE W LN OF THE NE1/4 OF SD SEC 29; THC S 01 DEG 53'00" E, PARL WITH THE W LN OF SD NE1/4, 723.06 FT TO THE W'LY EXT OF THE N LN OF LOT 88 IN WHITE UNIT 3, BEING A SUB OF PRT OF SD NE1/4; THC N 88 DEG 41'29" E, ON SD W'LY EXT, 7 FT TO THE NW COR OF SD LOT 88; THC S 01 DEG 53'00" W, ON THE W LN OF SD LOT 88, A DIST OF 330.02 FT TO THE SW COR OF SD LOT 88; THC S 88 DEG 41'29" W, ON THE N LN OF THE SE1/4 OF SD SEC 29, A DIST OF 7 FT TO A PT 33 FT NORMALLY DIST E OF THE W LN OF SD SE1/4; THC S 01 DEG 53'00" E, PARL WITH SD W LN, 991.92 FT TO THE NE'LY ROW LN OF ELGIN, JOLIET & EASTERN RR; THC N 27 DEG 29'44" W, ON SD NE'LY ROW LN, 152.68 FT TO A PT 33 FT NORMALLY DISTANT W OF THE E LN OF THE SW1/4 OF SD SEC 29; THC N 01 DEG 53'00" W, PARL WITH SD E LN AND THE E LN OF THE NW1/4 OF SD SEC 29, A DIST OF 2074.58 FT; THC N 88 DEG 07'00" E, 73 FT TO THE SOUTHERNMOST NW COR OF SD PARCEL 5; THC S 01 DEG 53'00" E, ON THE W LN OF SD PARCEL 5, A DIST OF 167.11 FT TO THE POB. NEW NUMBER ASSIGNMENT (2013 LEVY)

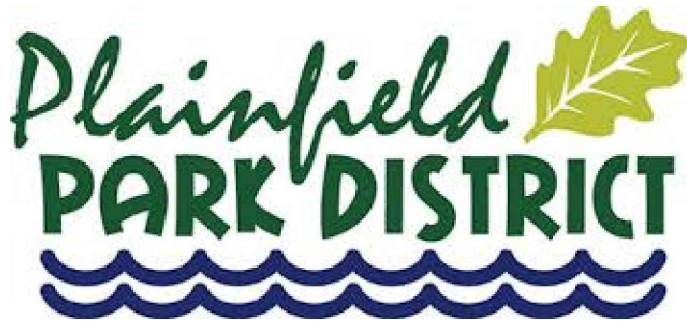
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27. EROSION CONTROL DETAILS



LOCATION MAP

PREPARED FOR:
PLAINFIELD PARK DISTRICT
23729 W. OTTAWA STREET
PLAINFIELD, ILLINOIS 60544
PHONE: (815) 436-8812



SITE BENCHMARK #1:
SET RAILROAD SPIKE IN POWER POLE LOCATED 20 FEET SOUTH OF THE
GUARD RAIL ON NORMANTOWN ROAD.
ELEV. 670.36 (NAVD 88)
SITE BENCHMARK #2:
ARROW BOLT ON FIRE HYDRANT LOCATED SOUTH OF 127TH STREET.
ELEV. 662.53 (NAVD 88)

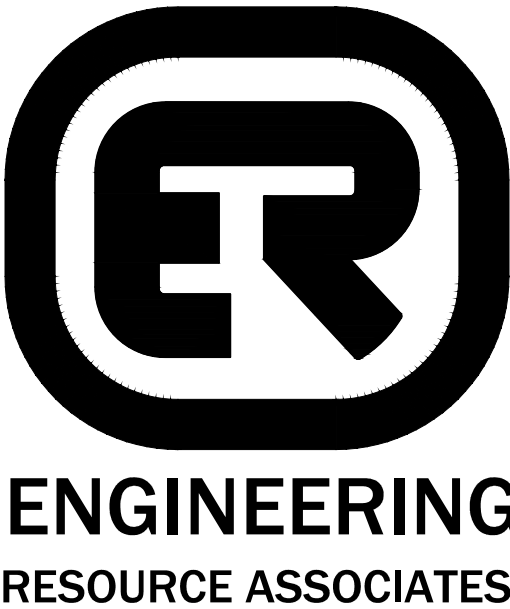
It's smart

It's free

It's the law

Call before you dig

800.892.0123

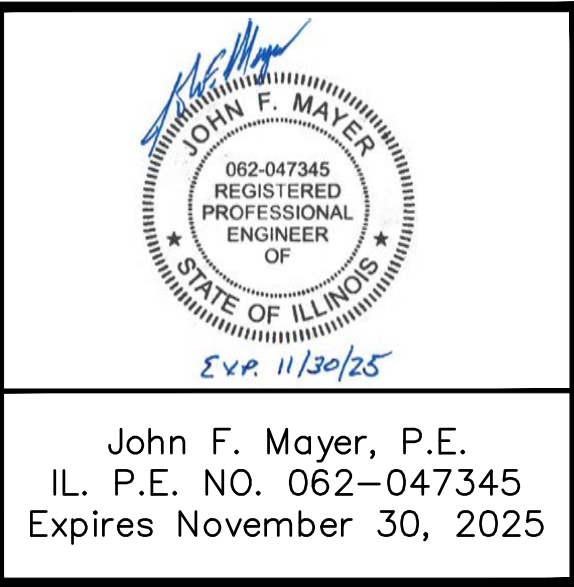


2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

3S701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

10 S. RIVERSIDE PLAZA , SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

REVISED: MARCH 5, 2025
REVISED: DECEMBER 4, 2024
100% PLANS: SEPTEMBER, 2024
75% PLANS: NOVEMBER, 2020



ERA JOB NO.: 191211

GENERAL NOTES

1. AT LEAST FIVE WORKING DAYS PRIOR TO THE COMMENCEMENT OF ALL PHASES OF WORK, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING:
ENGINEERING RESOURCE ASSOC.: (630) 393-3060
PLAINFIELD PARK DISTRICT: (815) 436-8812
2. UTILITY INFORMATION IS BASED UPON FIELD MEAUREMENTS AND BEST AVAILABLE RECORDS. FIELD DATA IS LIMITED TO THAT WHICH IS VISIBLE AND CAN BE MEASURED. THIS DOES NOT PRECLUDE THE EXISTENCE OF OTHER UNDERGROUND UTILITIES.
3. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (1-800-892-0123) 48 HOURS PRIOR TO ANY EXCAVATION WORK TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES.
4. EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING DOCUMENTS:

"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN THE STATE OF ILLINOIS", ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

"STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.


"ILLINOIS URBAN MANUAL", LATEST EDITION
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC. "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AS ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION, SHALL BE CONSULTED. APPROPRIATE CONTROL METHODS SHOULD BE APPLIED TO THE SPECIFIC SITUATIONS AND TYPES OF CONSTRUCTION OPERATIONS BEING PERFORMED.
6. UNLESS WRITTEN AUTHORIZATION IS OBTAINED FROM THE PARK DISTRICT REPRESENTATIVE, ALL OPENINGS IN ANY PAVEMENT OR TRAVELED WAY SHALL BE BACKFILLED PRIOR TO THE END OF THE WORKING DAY.
7. THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE MOST RECENT SET OF THE "APPROVED" FINAL ENGINEERING PLANS WITH THE LATEST REVISION DATE ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION.
8. THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE SAME.
9. CONTRACTOR SHALL RESTORE OFF-SITE SURFACES TO ORIGINAL CONDITION IF DAMAGED BY CONSTRUCTION.
10. THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO, AND THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM OR FURNISH THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
11. THE ENGINEER WARRANTS THE DESIGN, RECOMMENDATIONS, AND SPECIFICATIONS TO HAVE BEEN PROMULGATED ON CONDITIONS GENERALLY ENCOUNTERED WITHIN THE INDUSTRY. THE ENGINEER ASSUMES NO RESPONSIBILITY WHATSOEVER, WITH RESPECT TO THE DESIGN RECOMMENDATIONS AND SPECIFICATIONS, FOR COMPLEX OR UNUSUAL SOIL CONDITIONS ENCOUNTERED ON THE PROJECT. IT SHALL BE THE OWNER'S/BIDDER'S RESPONSIBILITY TO ASCERTAIN THE EXACT NATURE OF SUBSURFACE CONDITIONS PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENT.
12. ALL TRENCHES CAUSED BY THE CONSTRUCTION OF SEWERS, WATERMAINS, WATER SERVICE PIPES AND IN EXCAVATIONS AROUND CATCH BASINS, MANHOLES, INLETS, AND OTHER APPURTENANCES WHICH OCCUR WITHIN TWO FEET OF THE LIMITS OF EXISTING AND PROPOSED IMPROVEMENTS, SIDEWALKS, AND CURB AND GUTTERS SHALL BE BACKFILLED WITH TRENCH BACKFILL (AS DEFINED IN SECTION 208 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.)
13. ANY DAMAGE TO PAVEMENT, STORM SEWER SYSTEM, CURB AND GUTTER AS PART OF THIS CONSTRUCTION SHALL BE REPAIRED PER PLAINFIELD PARK DISTRICT SPECIFICATIONS AND REQUIREMENTS.
14. ANY DEWATERING NECESSARY FOR THE INSTALLATION OF THE IMPROVEMENTS AS SHOWN ON THE PLANS SHALL BE THE CONTRACTORS RESPONSIBILITY. THE COST FOR DEWATERING SHALL BE INCLUDED IN THE INSTALLATION OF THE IMPROVEMENTS.
15. ANY LARGE BOULDERS ENCOUNTERED DURING EARTHWORK OPERATIONS SHALL BE REMOVED TO AT LEAST ONE-FOOT (1') BELOW GRADE IN LANDSCAPED AREAS AND TO PAVEMENT SUBGRADE IN PAVED AREAS. THIS WORK SHALL BE INCIDENTAL TO EARTH EXCAVATION.
16. ANY POOR SOILS ENCOUNTERED UNDER AREAS TO BE PAVED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER.
17. THE CONTRACTOR SHALL TAKE CARE TO PROTECT ADJACENT LAND TO THE PROJECT BY NOT DISTURBING THE SOIL BY DRIVING VEHICLES ON IT.
18. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR DAMAGE TO PLANT MATERIAL OR SOILS OUTSIDE THE CONSTRUCTION LIMITS.
19. CONSTRUCTION STAGING AREAS - THE LOCATION OF CONSTRUCTION STAGING AND STOCKPILING OF MATERIALS SHALL BE DEFINED WITH OWNER APPROVAL. NO STOCKPILING OR CONSTRUCTION STAGING SHALL BE LOCATED IN THE REGULATORY FLOODPLAIN.
20. CONSTRUCTION FENCING - TEMPORARY FENCING SHALL BE ERECTED AND MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR AND AS DIRECTED BY OWNER. THE FENCING WILL BE USED TO RESTRICT PUBLIC ACCESS AND SAFEGUARD AGAINST ATTRACTIVE NUISANCE HAZARDS AS A RESULT OF CONSTRUCTION ACTIVITY. FENCING SHALL BE INCIDENTAL TO CONSTRUCTION.
21. SITE CONDITIONS ARE SHOWN BASED UPON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL WALK AND DO HIS OWN INVESTIGATIONS AT THE SITE PRIOR TO SUBMITTING A BID TO BE FULLY FAMILIAR WITH SITE CONDITIONS.
22. ANY REMOVAL ITEMS SHALL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATIONS.
23. ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON PLANS, AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201.5 OF THE STANDARD SPECIFICATION.
24. ALL CLEARING AND REMOVAL OF BUSHES, HEDGES AND TRESS UNDER 6" IN DIAMETER SHALL BE INCIDENTAL TO THE CONTRACT
25. THE QUANTITIES SHOWN IN THE PROJECT SPECIFICATIONS WERE ESTIMATED AT THE TIME OF BID. THE CONTRACTOR SHALL CAREFULLY REVIEW THESE QUANTITIES PRIOR TO SUBMITTAL OF A BID. IF THE CONTRACTOR DISCOVERS ANY INCONSISTENCIES BETWEEN THESE QUANTITIES AND THE FINAL ENGINEERING PLANS THEY SHALL IMMEDIATELY BRING IT TO THE ATTENTION OF THE ENGINEER PRIOR TO ANY WORK ON THE ITEM IN QUESTION.
26. WE AGREE THAT ANY EXISTING FIELD TILE ON THE PROPERTY SHALL BE PROTECTED FROM DAMAGE AND THAT EXISTING DRAINAGE THROUGH THE PROPERTY SHALL BE MAINTAINED. IF ANY EXISTING FIELD TILE IS ENCOUNTERED, IT SHALL BE REPAIRED AND/OR REROUTED BACK TO ITS ORIGINAL ROUTE AND FUNCTION.

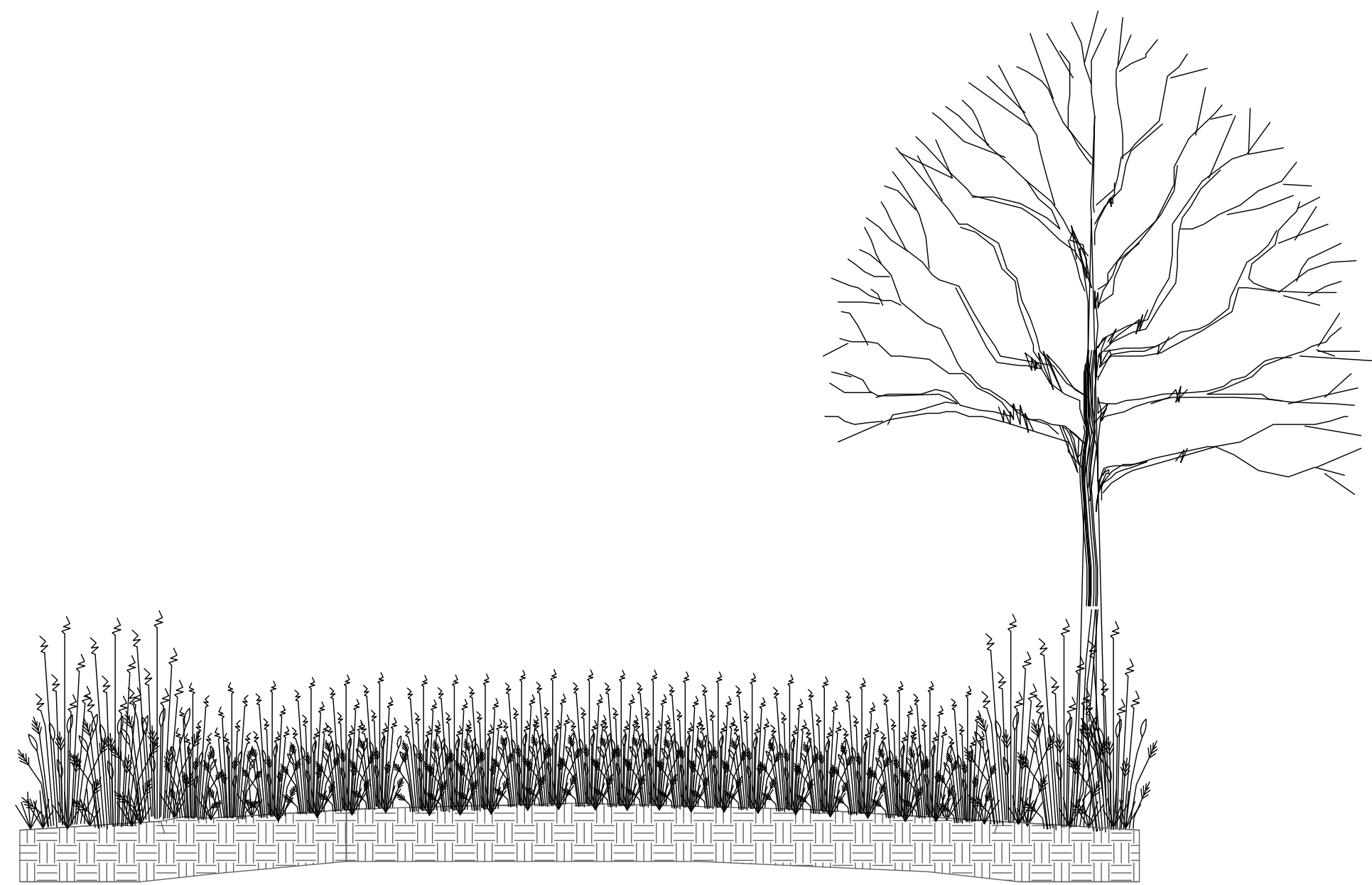
GRADING NOTES

1. FINISHED SURFACES TO BE SMOOTH AND EVEN WITH NO ABRUPT OR AWKWARD CHANGES IN GRADE. PAVING AND SEED AREAS ARE TO MEET FLUSH AND SMOOTH.
2. NEW PAVEMENT TO MATCH EXISTING PAVEMENT SMOOTH AND FLUSH.
3. CONTRACTOR SHALL RESTORE (WITH TOPSOIL AND SEEDING) ALL AREAS DISTURBED AS A RESULT OF CONSTRUCTION ACTIVITY. TOPSOIL AND SEEDING RESTORATION OUTSIDE OF CONSTRUCTION LIMITS WILL BE AT CONTRACTOR'S EXPENSE.
4. THE OWNER RESERVES THE RIGHT TO MAKE MINOR ADJUSTMENTS IN LINES AND GRADES AS THE WORK PROGRESSES WHENEVER SUCH CHANGES ARE CONSIDERED NECESSARY TO BETTER ACCOMPLISH THE INTENT OF THE DRAWINGS OR TO OBTAIN A CLOSER BALANCE BETWEEN CUT AND FILL.
5. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES AS REQUIRED TO ELIMINATE SEDIMENTATION INTO NON-CONSTRUCTION AREAS.

SUMMARY OF QUANTITIES

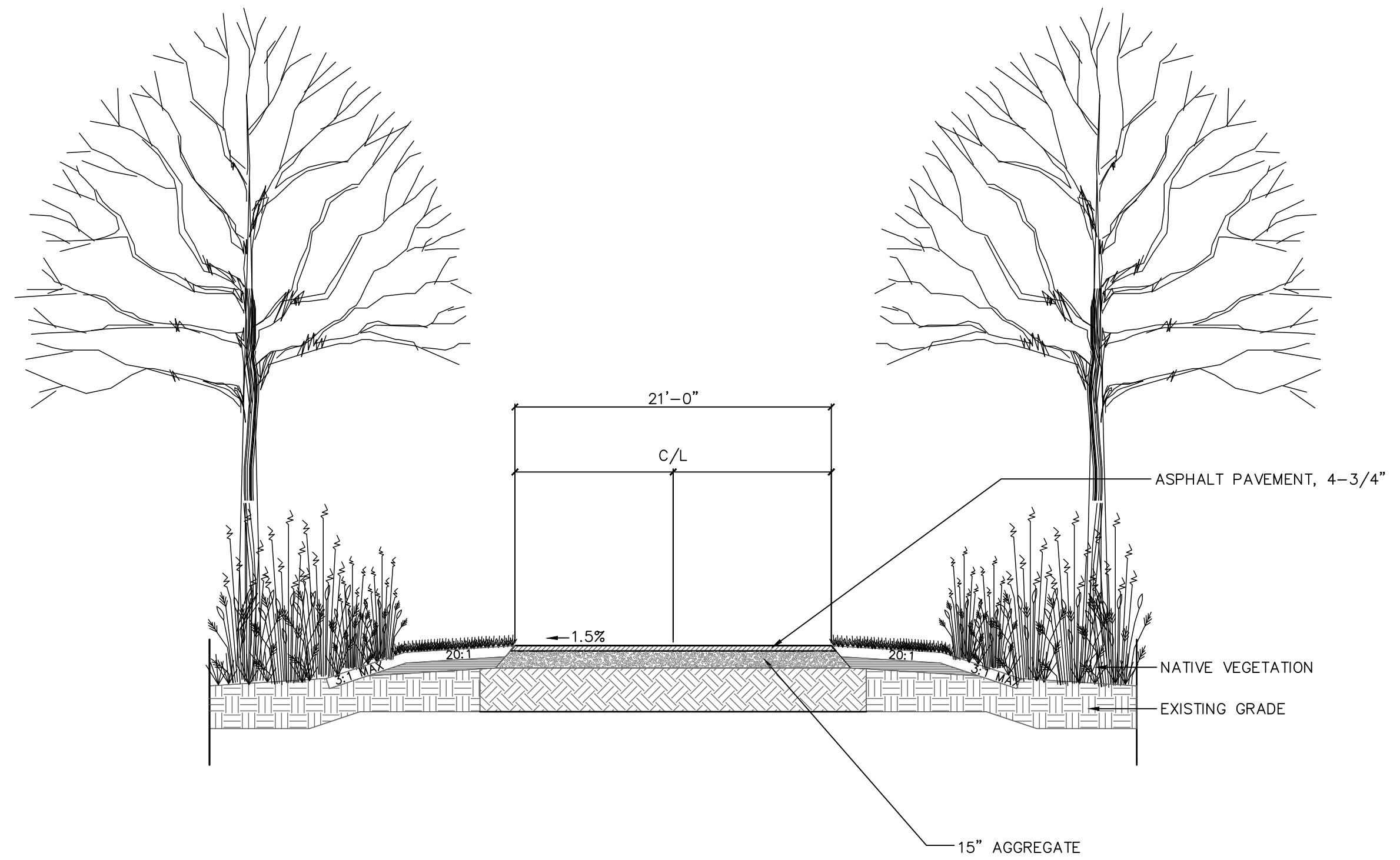
NO.	ITEMS	UNIT	QUANTITY
AGGREGATE BASE COURSE - 1123			
1123	AGGREGATE BASE COURSE, TYPE B (EQUILIBRIAN), 8"	SY	1,410.00
1123	AGGREGATE BASE COURSE, TYPE B (IMMIX), 8"	SY	3,122.00
CONCRETE SIDEWALK - 1313			
1313	PORTLAND CONCRETE CEMENT (W/ 4" AGGREGATE BASE), 5"	SF	500.00
TRAFFIC SIGNS - 1400			
1400	RECTANGULAR RAPID FLASHING BEACON, ACTUATED	EACH	2.00
1400	SIGNS	EACH	6.00
AGGREGATE PATH - 1540			
1540	LIMESTONE SCREENING, PA-5, 3"	SY	1,410.00
PAVEMENT SPECIALTIES - 1700			
1700	PAVEMENT MARKINGS	LF	136.00
1700	DETECTABLE WARNINGS	SF	68.00
SITE PREPARATION - 2100			
2100	CLEARING & GRUBBING	LSUM	1.00
2100	TREE PROTECTION FENCE	LF	170.00
EXCAVATION & FILL - 2300			
2300	EARTH EXCAVATION	CY	1,246.00
2300	TOPSOIL EXCAVATION AND PLACEMENT	CY	318.00
2300	AGGREGATE SUBGRADE IMPROVEMENT	CY	506.00
HOT MIX ASPHALT SURFACE - 2511			
2511	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 7"DP, N50, 3"	SY	3,122.00
2511	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 7"DP, N50, 2"	SY	531.00
2511	HOT-MIX ASPHALT SURFACE REMOVAL, 5" FULL DEPTH	SY	294.00
2511	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SY	531.00
SITE FURNISHINGS - 2870			
2870	WOODEN BOLLARDS	EACH	2.00
2870	FOLD DOWN BOLLARDS	EACH	5.00
STORM DRAINAGE UTILITIES - 4000			
4000	STORM SEWER, C.I.A., TY 1	LF	148.00
4000	RIP RAP, C.I.A.	SY	75.00
4000	RCP FLARED END SECTION, 12"	EACH	10.00
TEMPORARY CONTROLS - 5700			
5700	PERIMETER EROSION BARRIER	LF	3,200.00
5700	TEMPORARY CONSTRUCTION ENTRANCE	EACH	2.00
5700	TEMPORARY EROSION CONTROL BLANKET	SY	10,000.00
5700	ROLLED EROSION CONTROL PRODUCT	LF	170.00
5700	INLET PROTECTION	EACH	1.00
EXAMINATION & PREPARATION - 7100			
7099	MOBILIZATION	LSUM	1.00
7100	CONSTRUCTION LAYOUT	LSUM	1.00
7100	AS-BUILT DRAWING	LSUM	1.00
TURF & NATIVE SEEDING - 9219			
9219	100% CLASS 1 SEED MIX	ACRE	0.06
9219	100% CLASS 2 SEED MIX	ACRE	0.51
9219	100% CLASS 4 SEED MIX	ACRE	1.22
9219	100% CLASS 4B SEED MIX	ACRE	0.20
ALLOWANCE- EXCAVATION & FILL - 2300			
2300	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	312.00
2300	POROUS GRANULAR EMBANKMENT	CY	312.00

REVISIONS:						DRAWN BY: RT			ENGINEERING RESOURCE ASSOCIATES	35701 WEST AVENUE, SUITE 150 WARRENVILLE, ILLINOIS 60555 PHONE (630) 393-3060 FAX (630) 393-2152	10 S. RIVERSIDE PLAZA, SUITE 875 CHICAGO, ILLINOIS 60606 PHONE (312) 474-7841 FAX (312) 474-6099	2416 GALEN DRIVE CHAMPAIGN, ILLINOIS 61821 PHONE (217) 351-6268 FAX (217) 355-1902	NORMANTOWN TRAIL PHASE 2 PLAINFIELD PARK DISTRICT PLAINFIELD, ILLINOIS	TITLE: GENERAL NOTES AND SPECIFICATIONS	SCALE: NONE
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	CHECKED BY: AZ	DATE: May 2020								
						APPROVED BY: AK	JOB NO: 191211								
														SHEET 2 of 27	



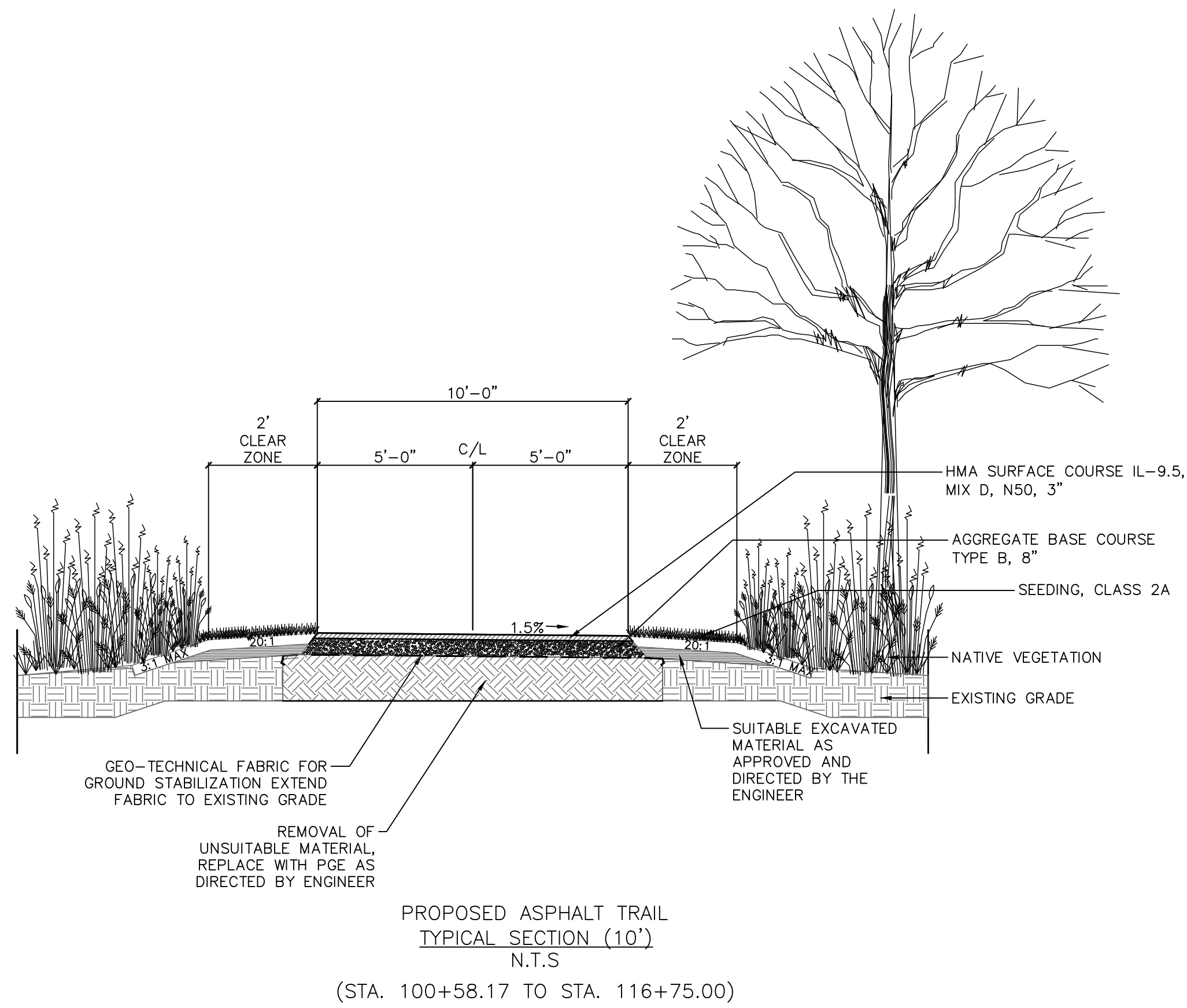
EXISTING TYPICAL SECTION
N.T.S

(STA. 100+58.17 TO STA. 128+45)

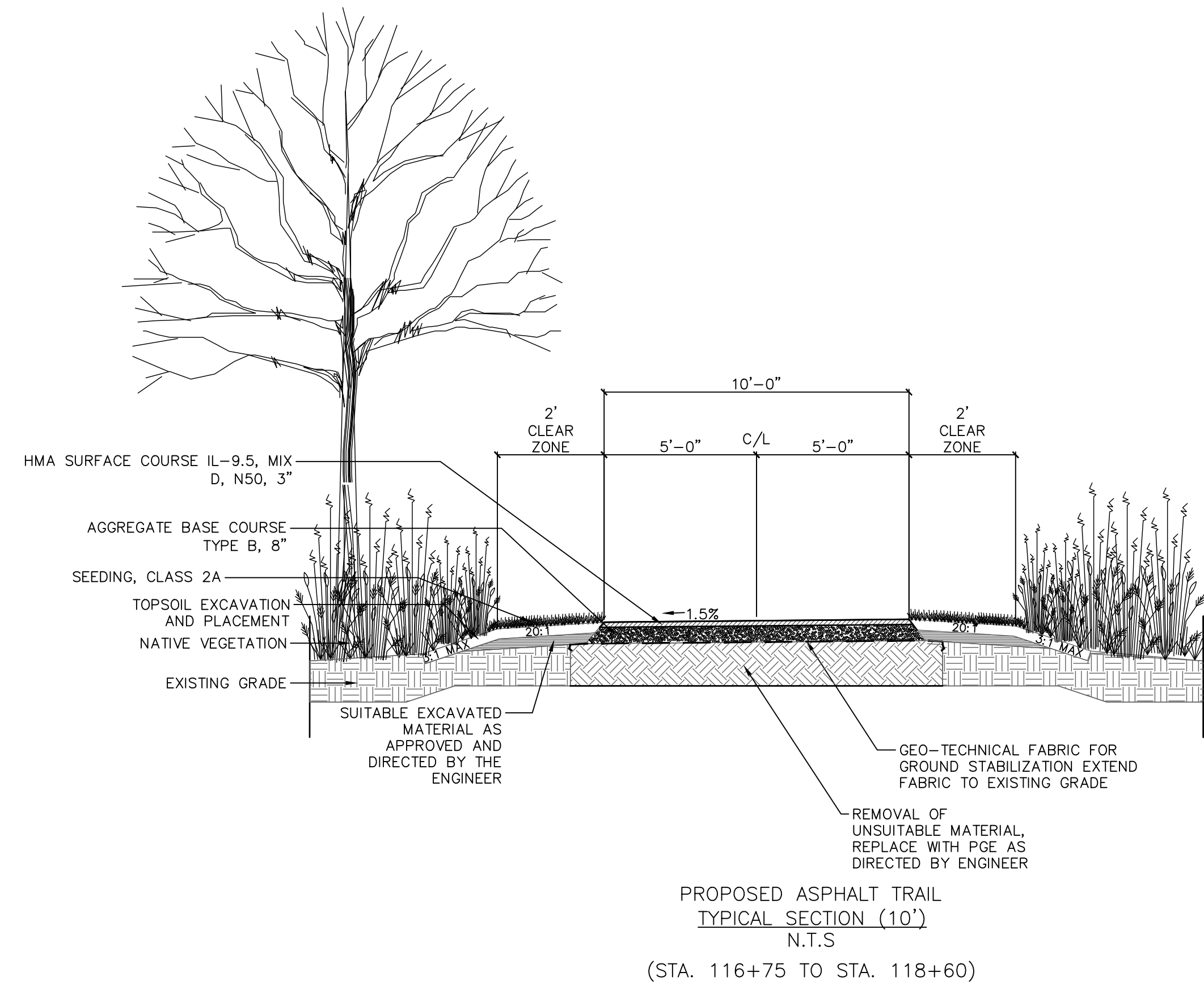


EXISTING TYPICAL SECTION
N.T.S

(STA. 128+45 TO STA. 134+00)



PROPOSED ASPHALT TRAIL
TYPICAL SECTION (10')
N.T.S
(STA. 100+58.17 TO STA. 116+75.00)



PROPOSED ASPHALT TRAIL
TYPICAL SECTION (10')
N.T.S
(STA. 116+75 TO STA. 118+60)

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK



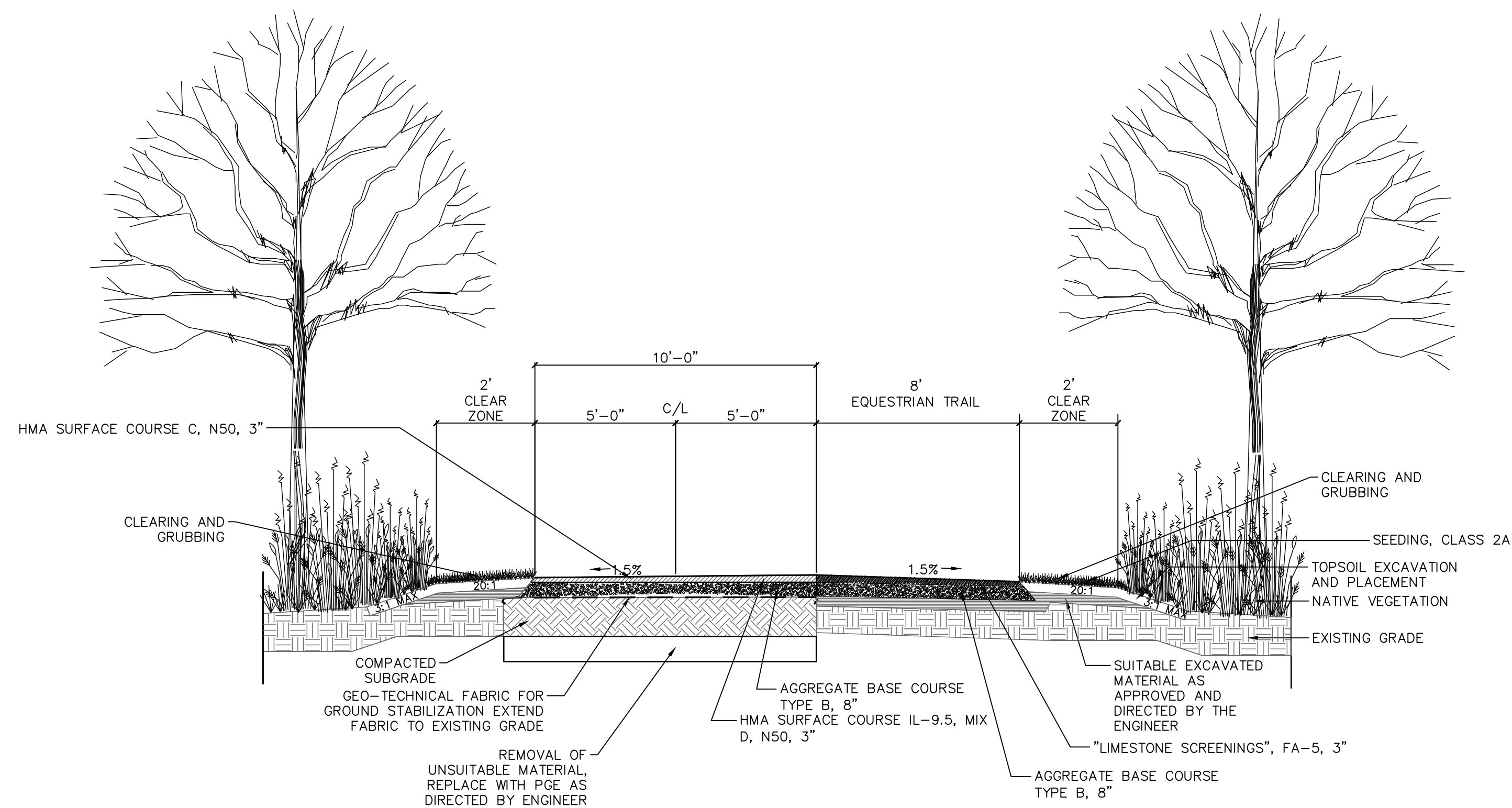
35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
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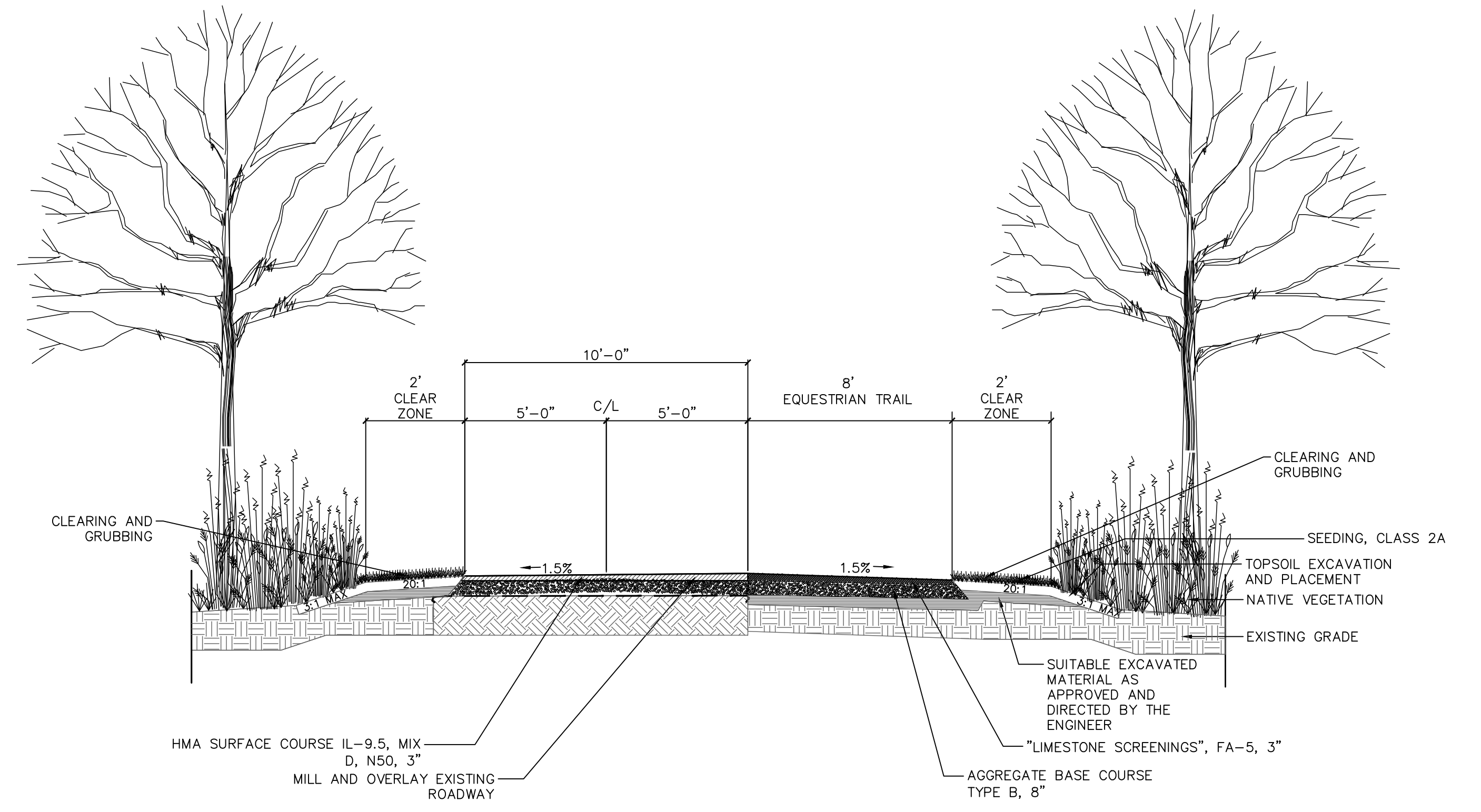
2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

**NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS**

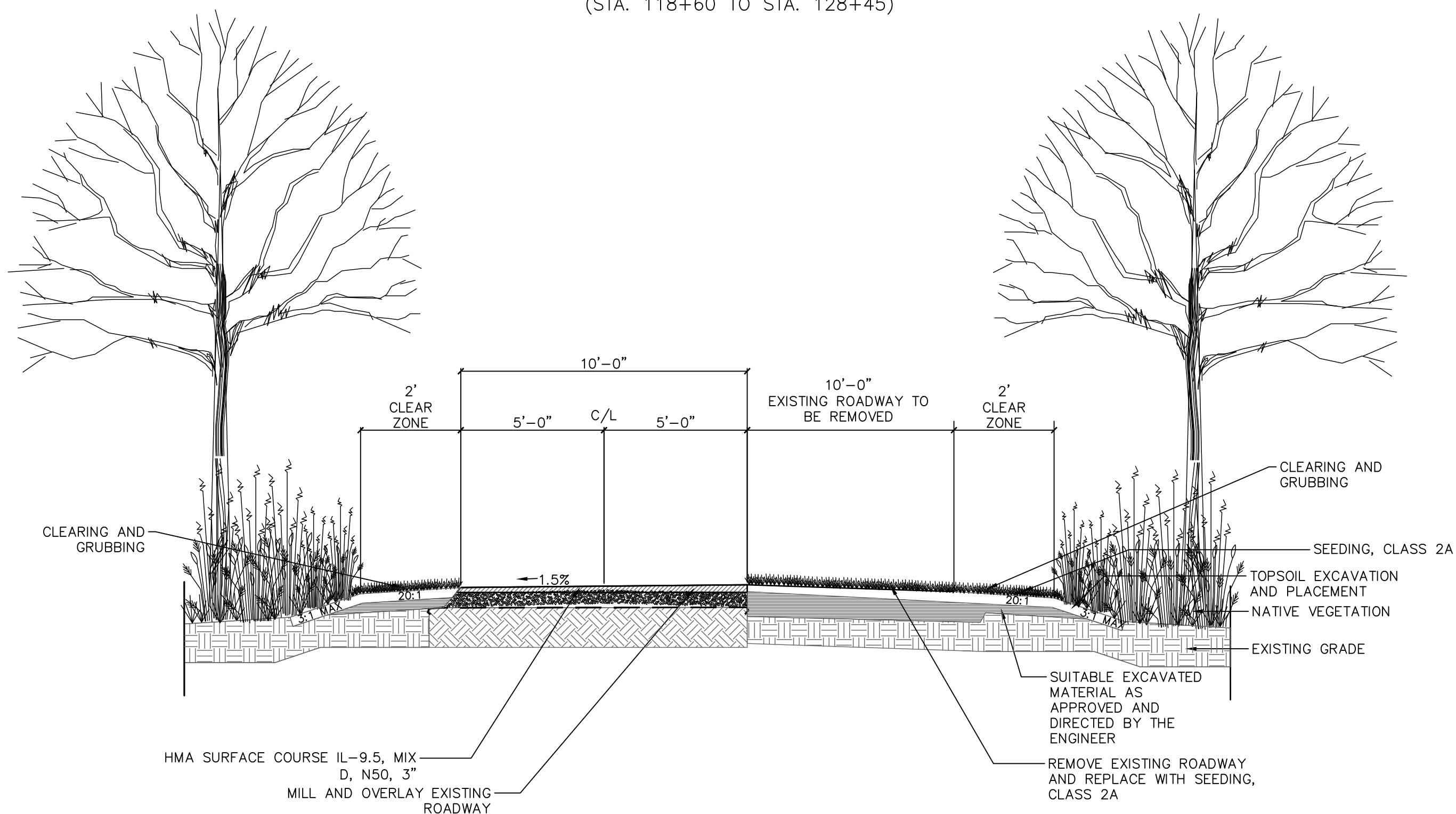
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		DATE: June, 2020
		JOB NO: 191211
SHEET 3 OF 27		



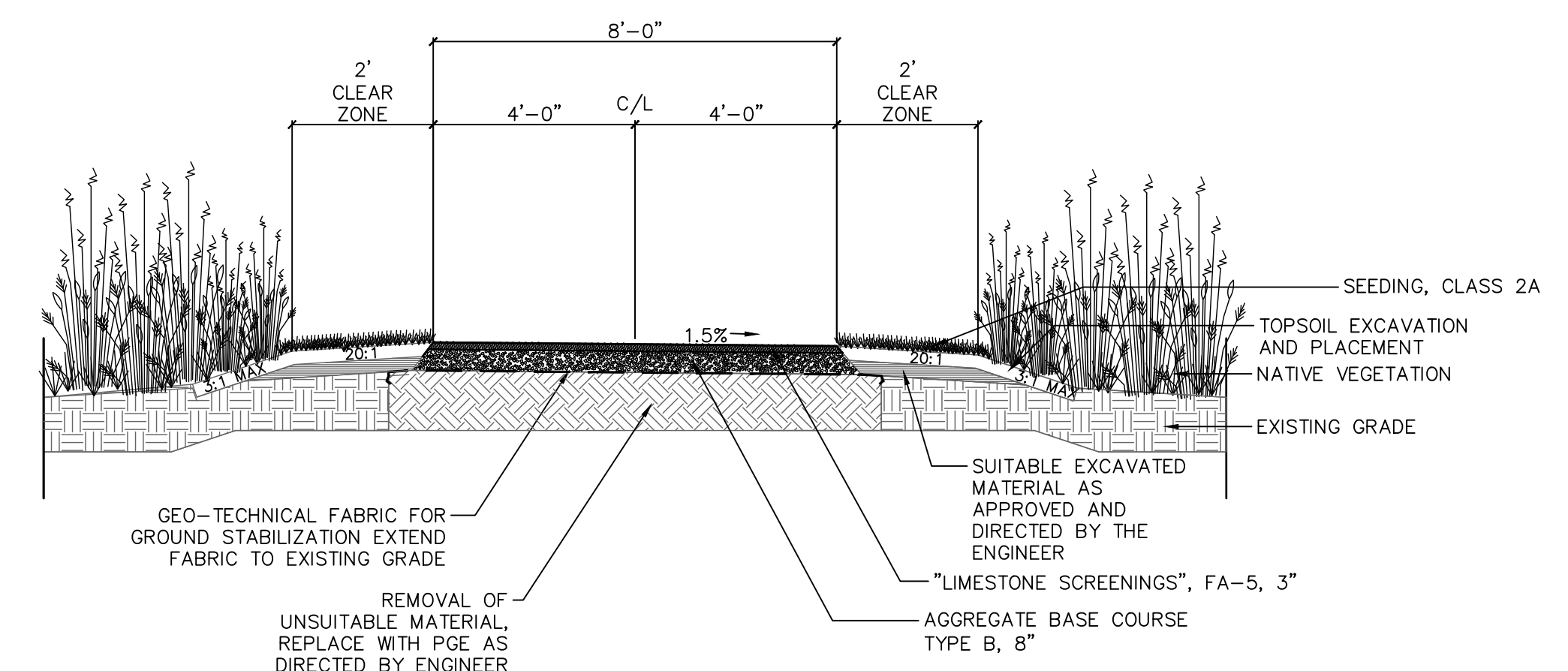
PROPOSED HMA EQUESTRIAN TRAIL
TYPICAL SECTION
N.T.S.
(STA. 118+60 TO STA. 128+45)



PROPOSED MILL AND OVERLAY
TYPICAL SECTION
N.T.S.
(STA. 128+45 TO STA. 131+16)



PROPOSED MILL AND OVERLAY & ROADWAY REMOVAL
TYPICAL SECTION
N.T.S.
(STA. 131+16 TO STA. 133+35)



PROPOSED EQUESTRIAN TRAIL
TYPICAL SECTION
N.T.S.
(STA. 20+00 TO STA. 22+00)

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK

ENGINEERING
RESOURCE ASSOCIATES

35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

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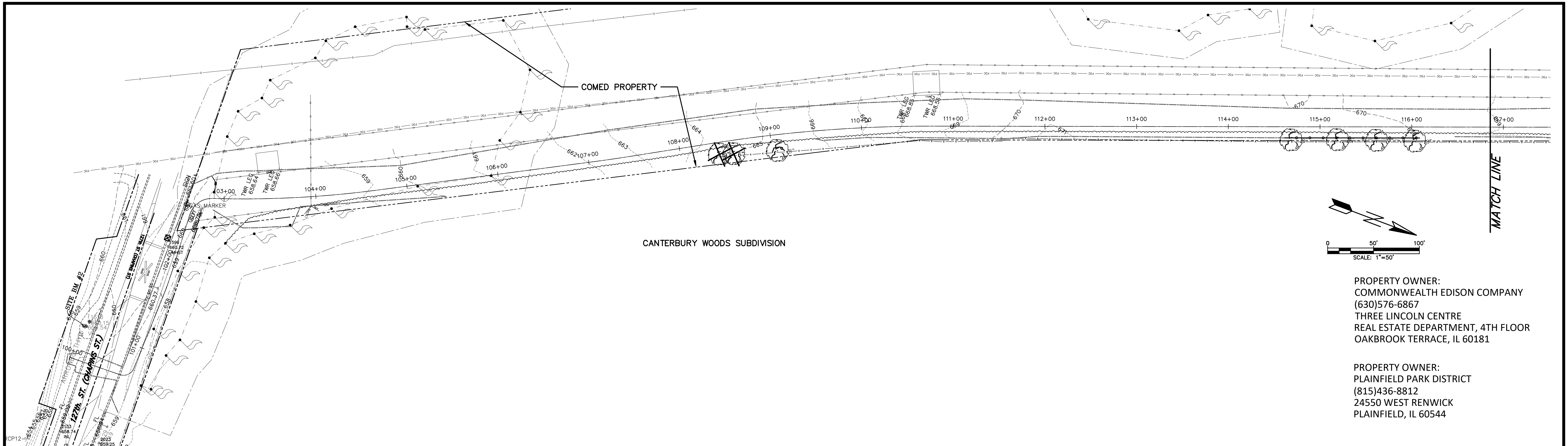
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NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:

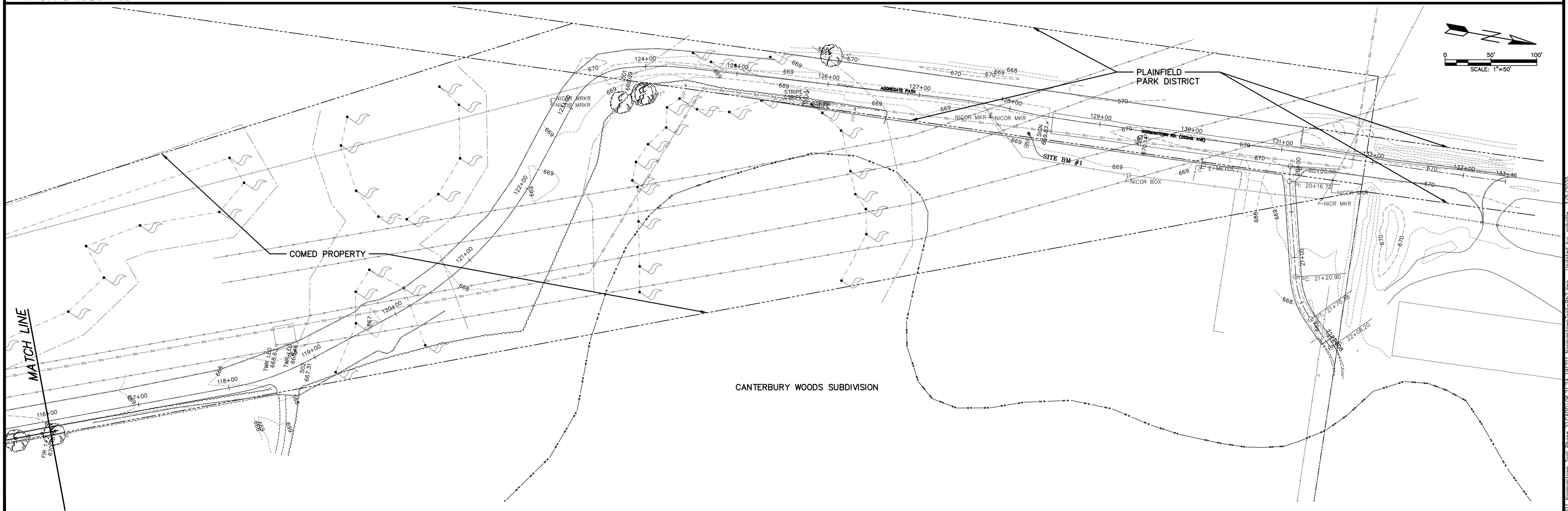
TYPICAL SECTIONS

SCALE: NONE
DATE: June, 2020
JOB NO: 191211
SHEET 4 OF 27



PROPERTY OWNER:
COMMONWEALTH EDISON COMPANY
(630)576-6867
THREE LINCOLN CENTRE
REAL ESTATE DEPARTMENT, 4TH FLOOR
OAKBROOK TERRACE, IL 60181

PROPERTY OWNER:
PLAINFIELD PARK DISTRICT
(815)436-8812
24550 WEST RENWICK
PLAINFIELD, IL 60544



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK

ENGINEERING
RESOURCE ASSOCIATES

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WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
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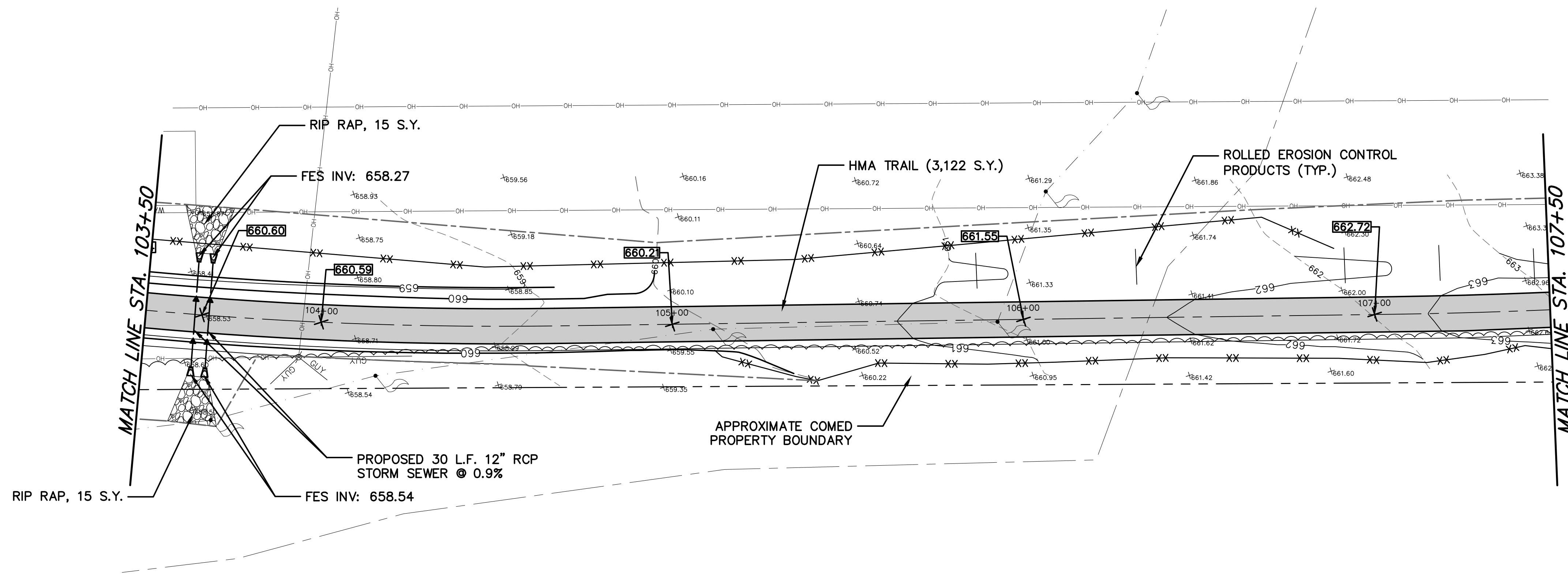
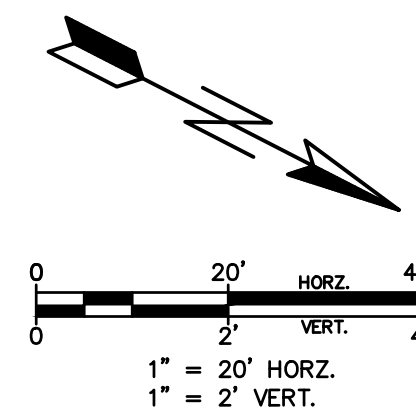
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PLAINFIELD, ILLINOIS**

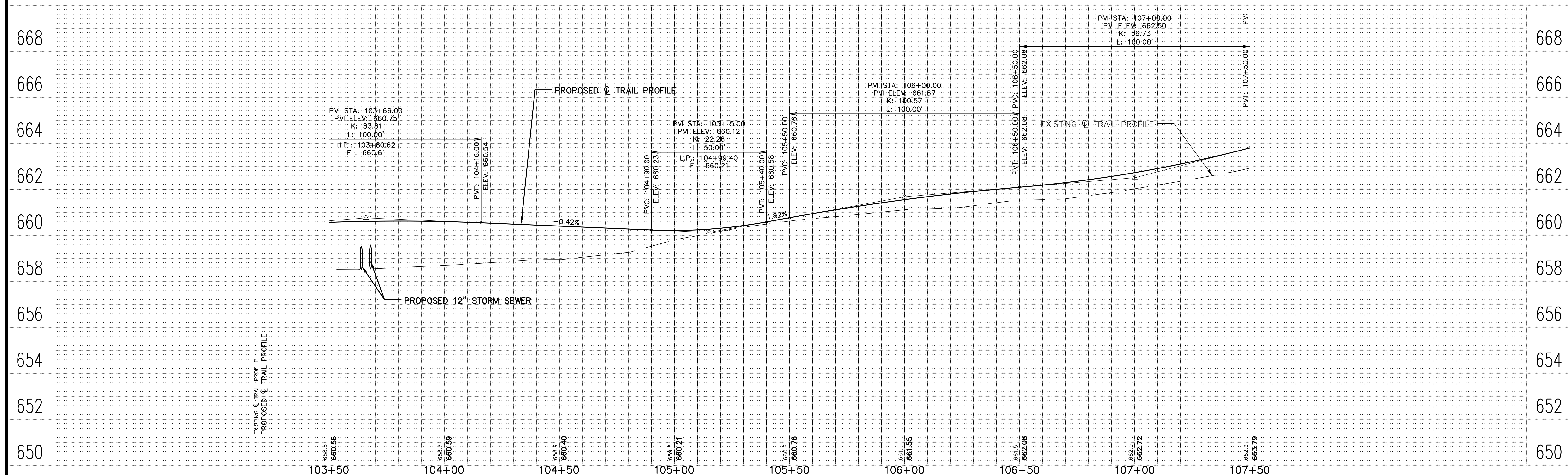
TITLE:

**NORMANTOWN TRAIL
EXISTING CONDITIONS**

SCALE: 1"=50'
DATE: May, 2020
JOB NO: 191211
SHEET 5 of 27



CLEARING AND GRUBBING REQUIRED
THROUGHOUT PROJECT AREA



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK

ENGINEERING
RESOURCE ASSOCIATES

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FAX (630) 393-2152

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PHONE (312) 474-7841
FAX (312) 474-6099

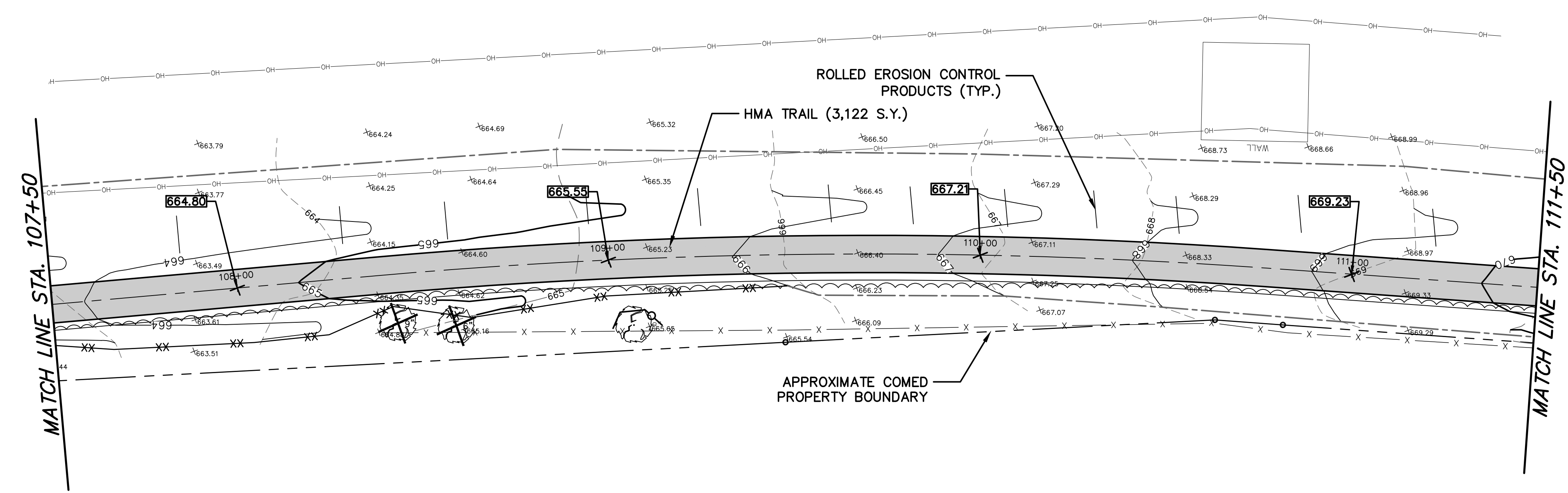
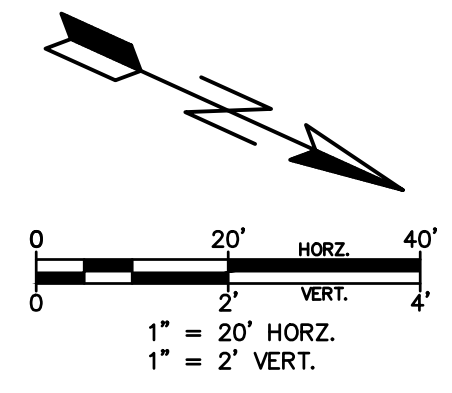
2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

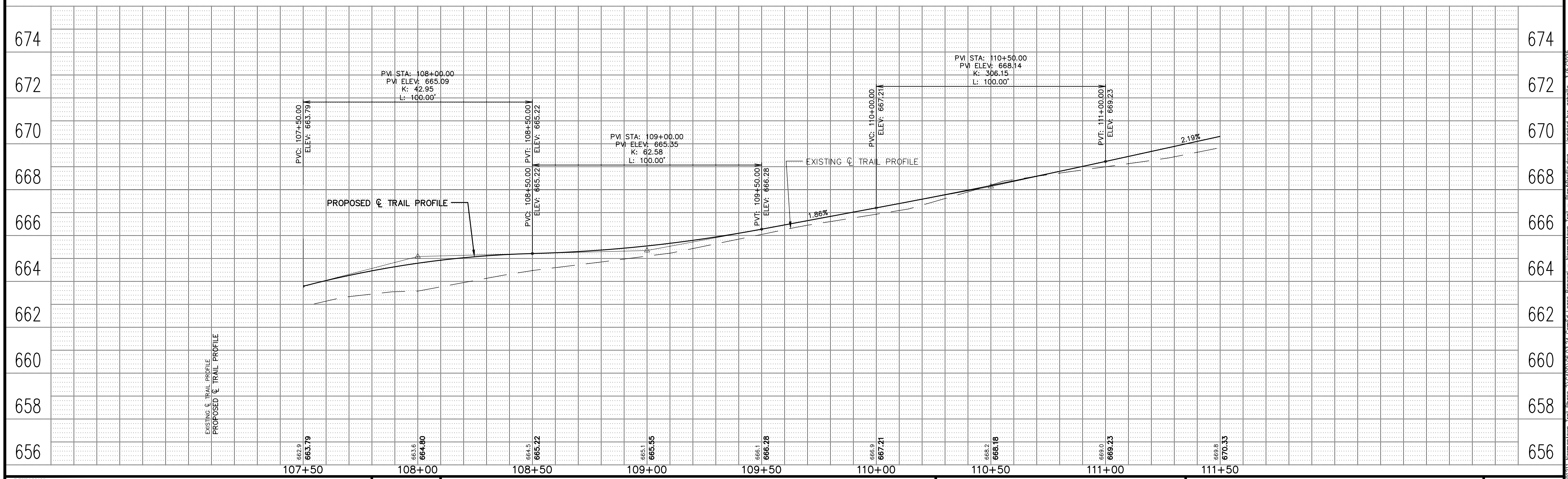
TITLE:
NORMANTOWN TRAIL
PLAN AND PROFILE
STA. 103+50 TO STA. 107+50

SCALE: 1"=20'H; 1"=2'V
DATE: June, 2020
JOB NO: 191211
SHEET 7 OF 27


H:\Plainfield\Phase 2\CAD\06.03.24 Comd Lease Renewal - Normantown Trail - Plan&Profile.dwg Updated by: achnalle 3/5/2025



CLEARING AND GRUBBING REQUIRED
THROUGHOUT PROJECT AREA



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN BY: RT		CHECKED BY: AZ			
APPROVED BY: AK					



ENGINEERING
RESOURCE ASSOCIATES

35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

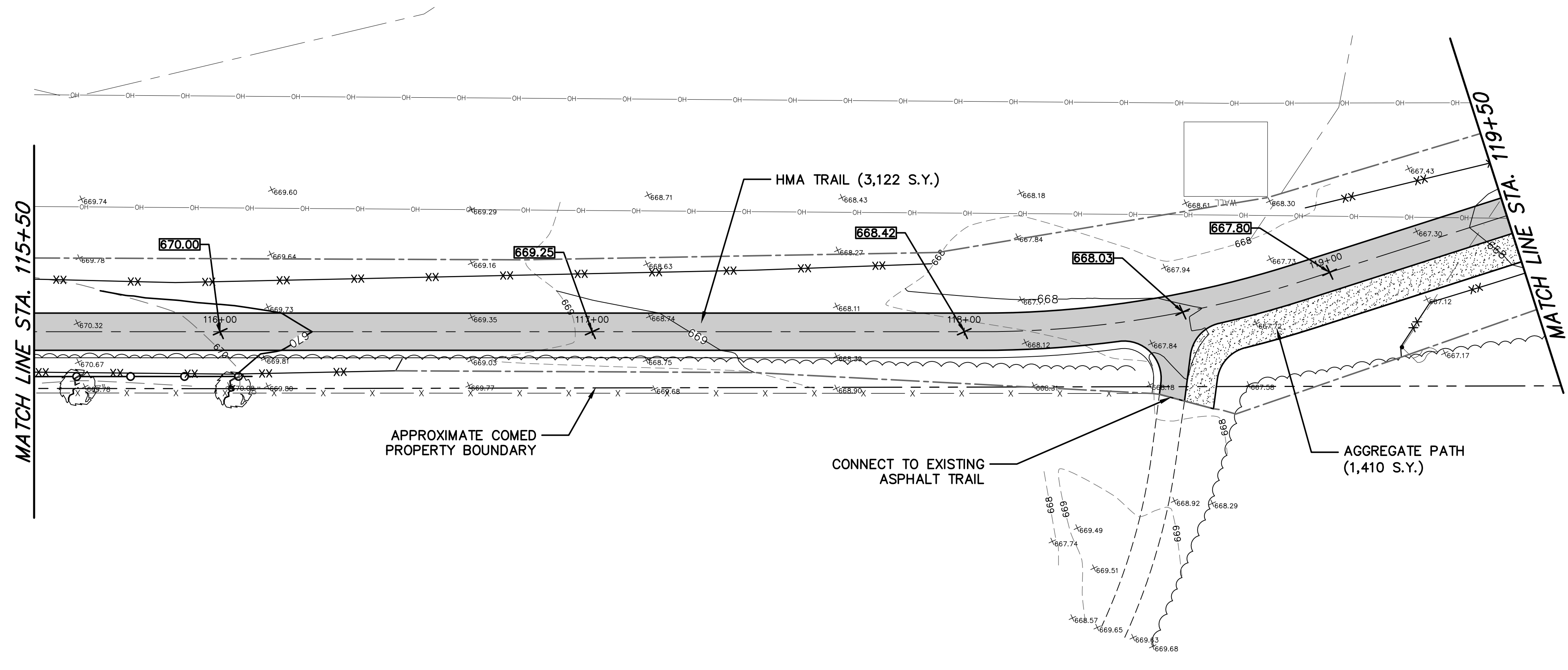
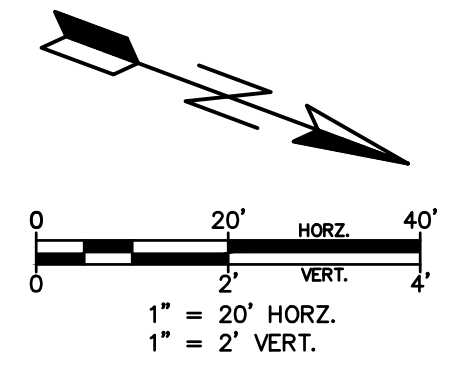
10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

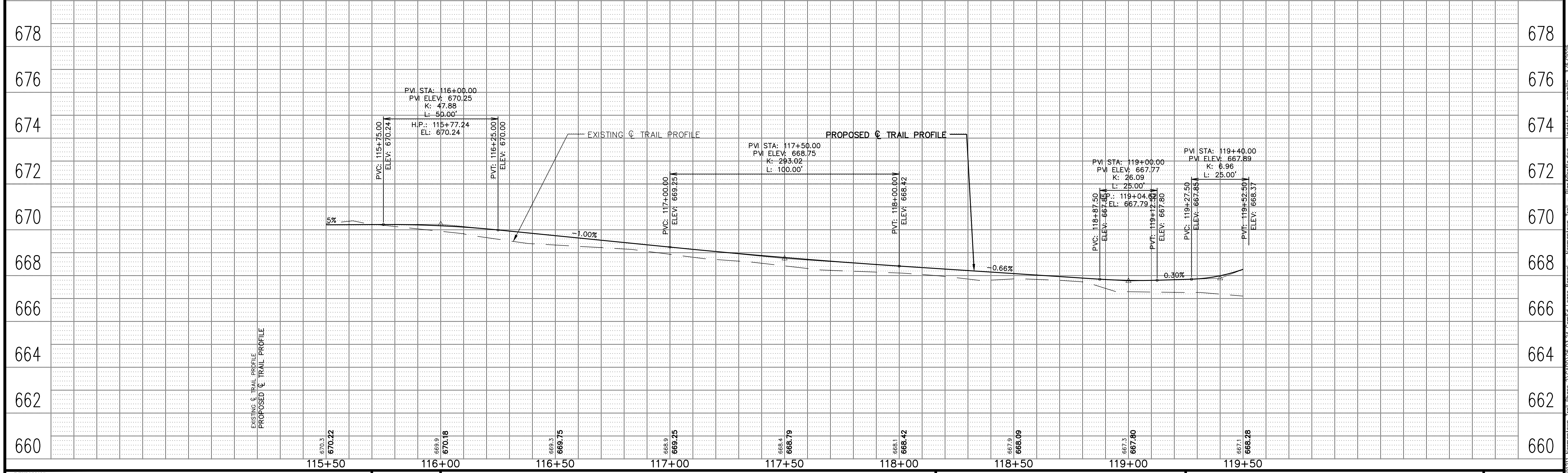
**NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS**

TITLE:
**NORMANTOWN TRAIL
PLAN AND PROFILE
STA. 107+50 TO STA. 111+50**

SCALE: 1"=20'H; 1"=2'V
DATE: May, 2020
JOB NO: 191211
SHEET 8 of 27



CLEARING AND GRUBBING REQUIRED
THROUGHOUT PROJECT AREA



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK



35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

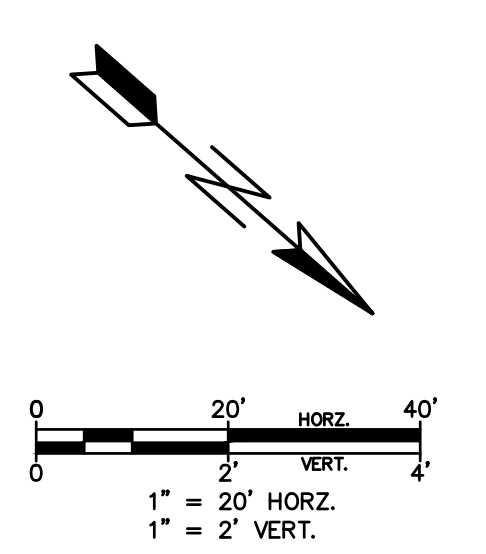
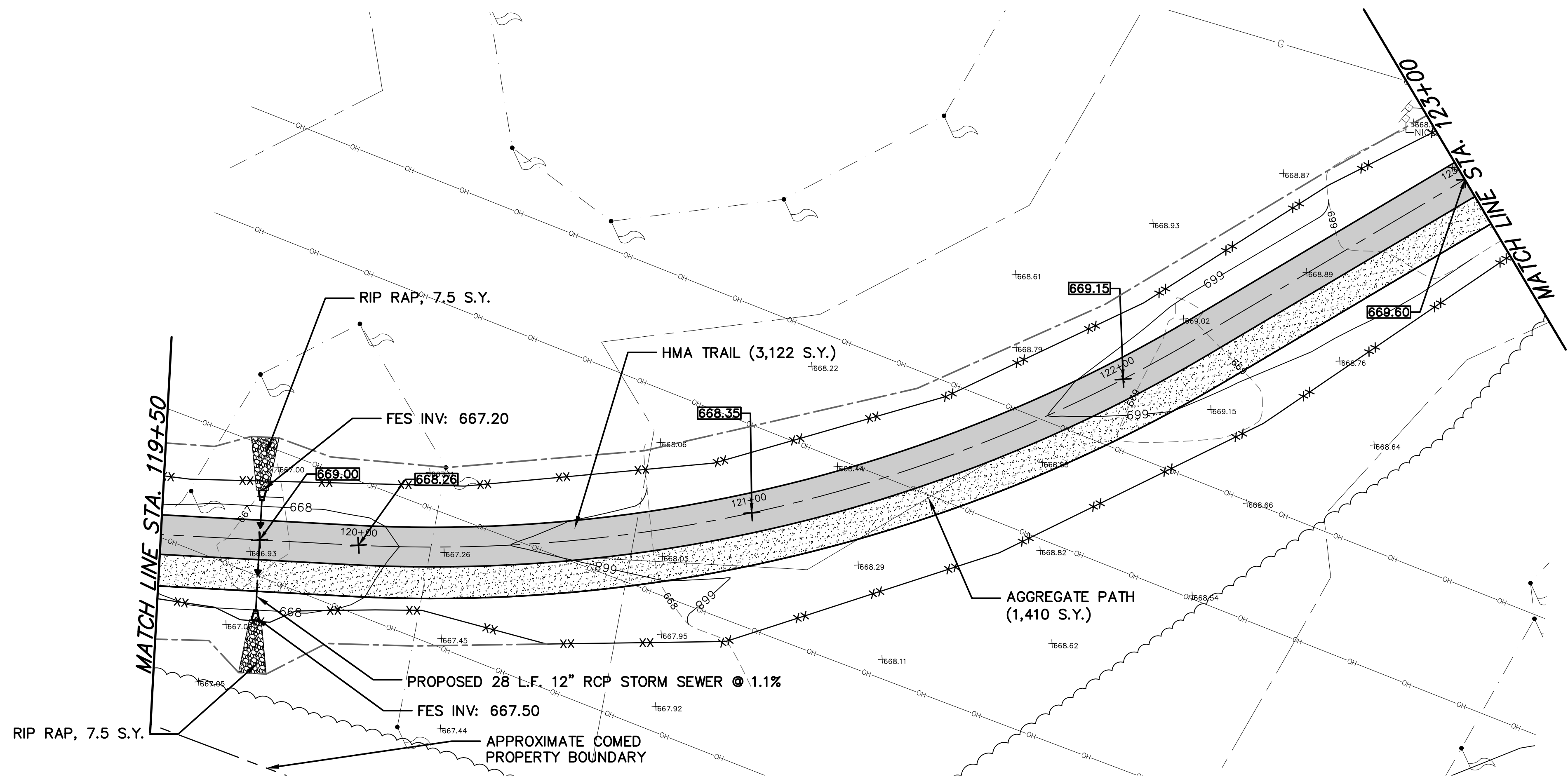
10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

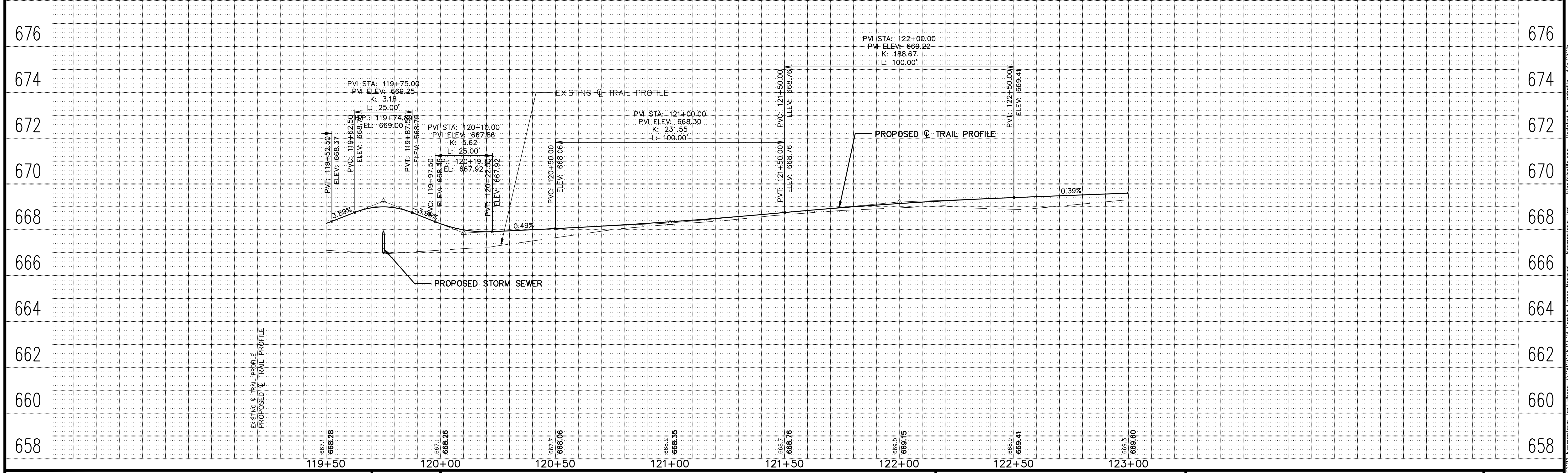
**NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS**

TITLE: **NORMANTOWN TRAIL
PLAINFIELD PARK DISTRICT
STA. 115+50 TO STA. 119+50**

SCALE: 1"=20'H; 1"=2'V
DATE: June, 2020
JOB NO: 191211
SHEET 10 OF 27



CLEARING AND GRUBBING REQUIRED
THROUGHOUT PROJECT AREA



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK



35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

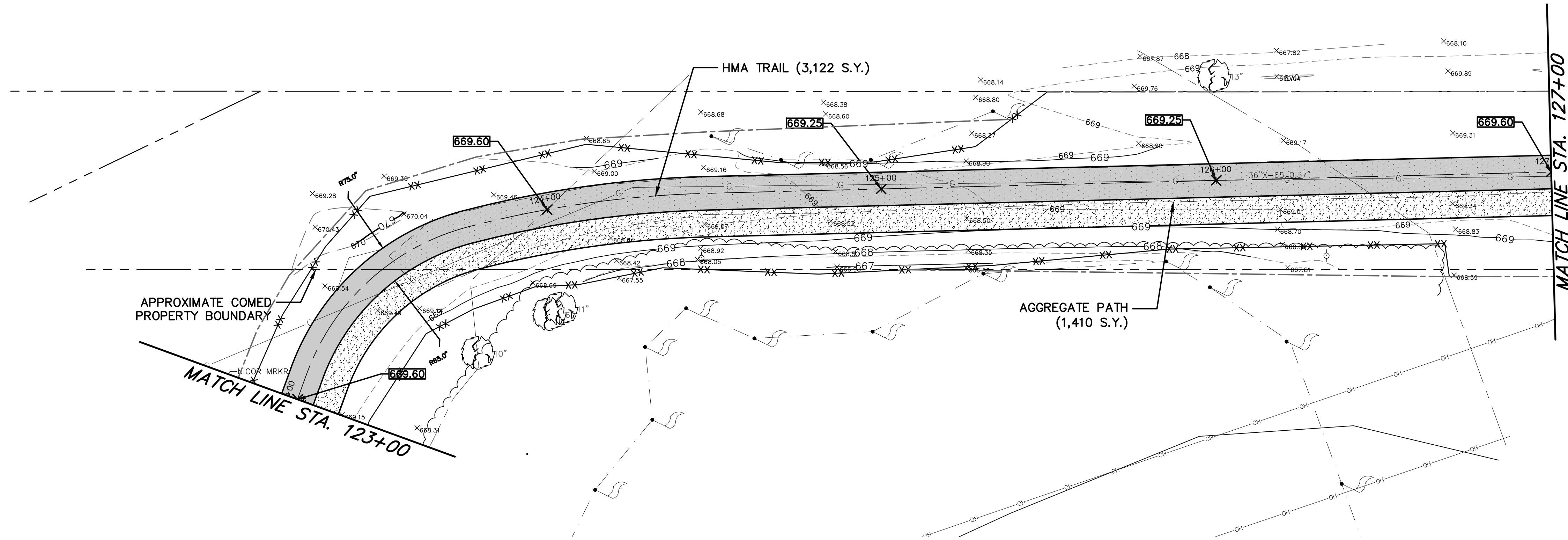
10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
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FAX (312) 474-6099

2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

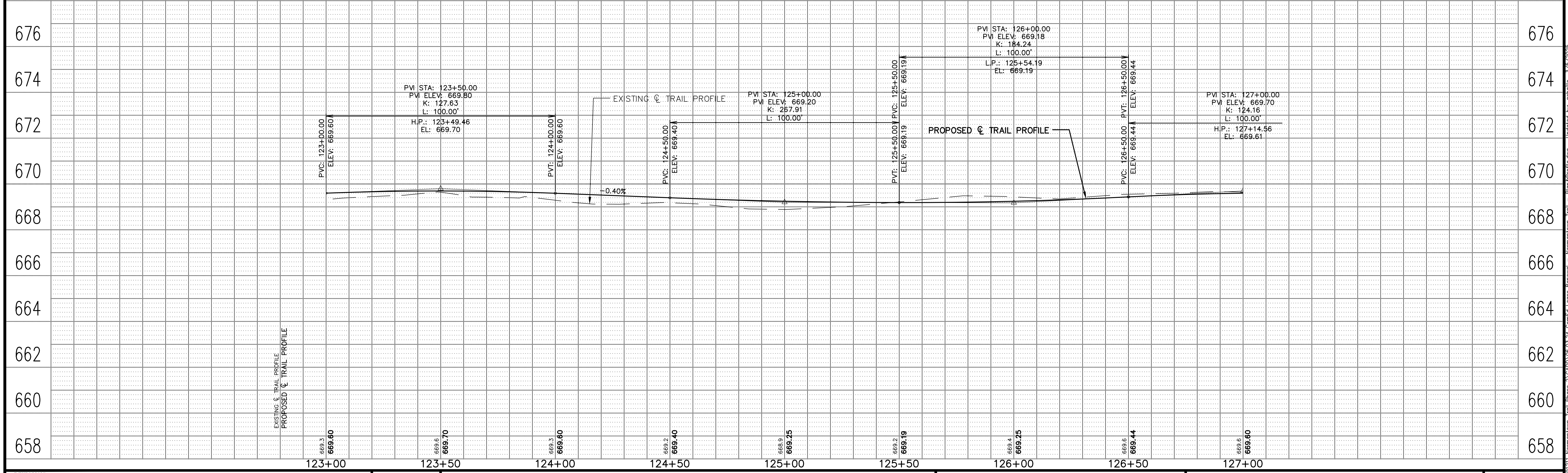
**NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS**

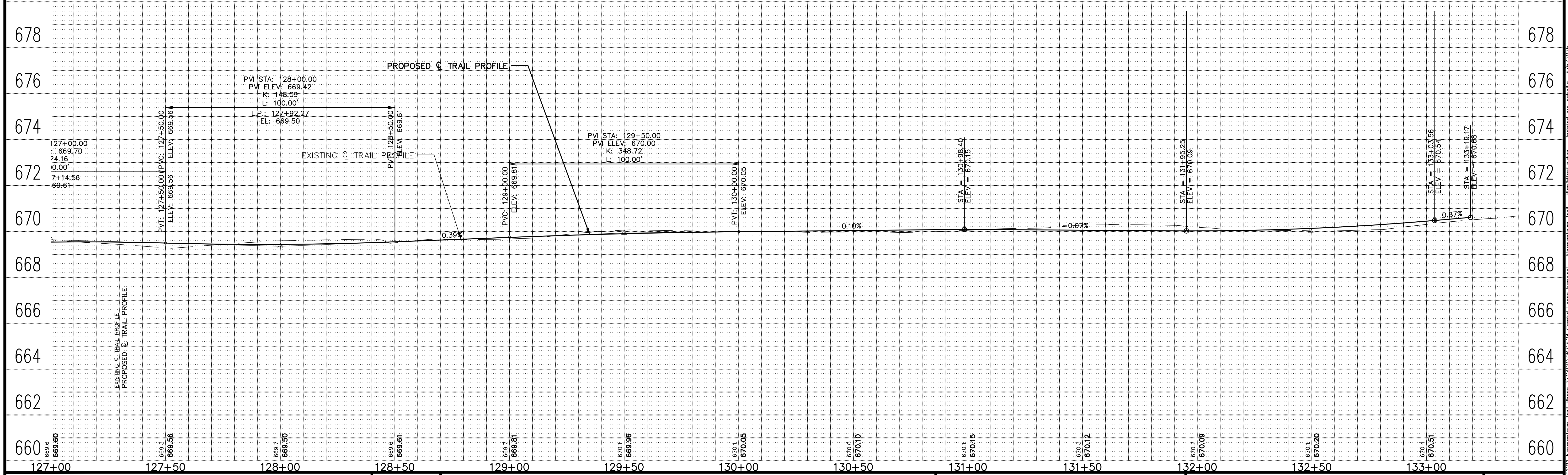
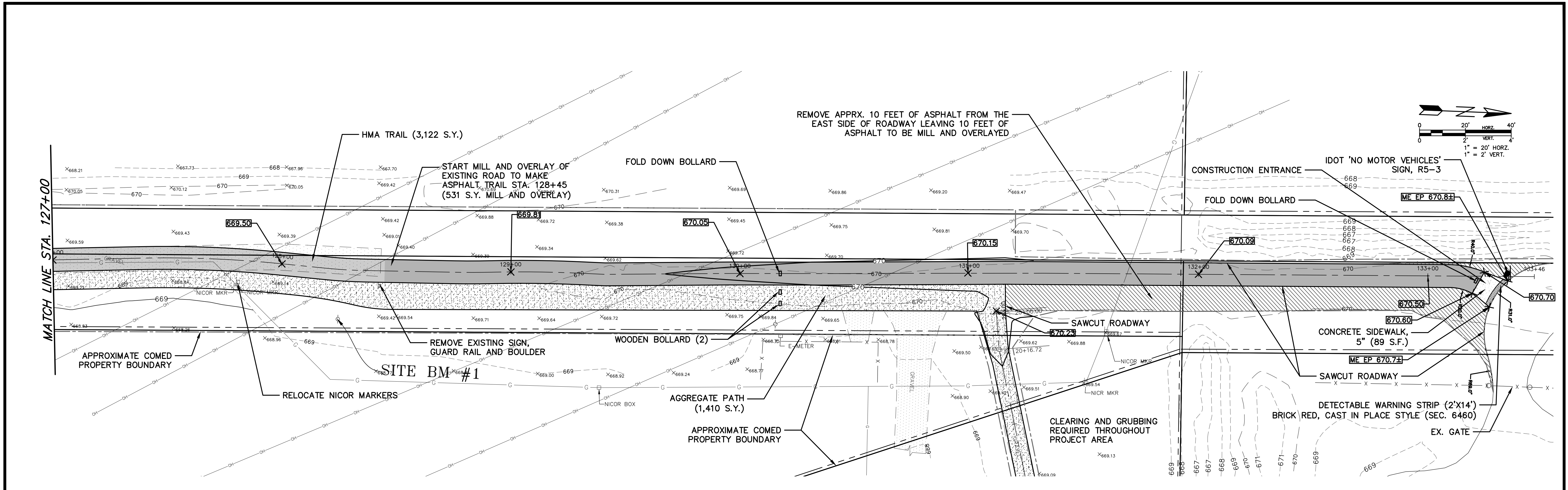
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PLAN AND PROFILE
STA. 119+50 TO STA. 123+00**

SCALE: 1"=20'H; 1"=2'V
DATE: May, 2020
JOB NO: 191211
SHEET 11 OF 27




CLEARING AND GRUBBING REQUIRED
THROUGHOUT PROJECT AREA





REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK

**ENGINEERING**
RESOURCE ASSOCIATES

35701 WEST AVENUE, SUITE 150
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FAX (630) 393-2152

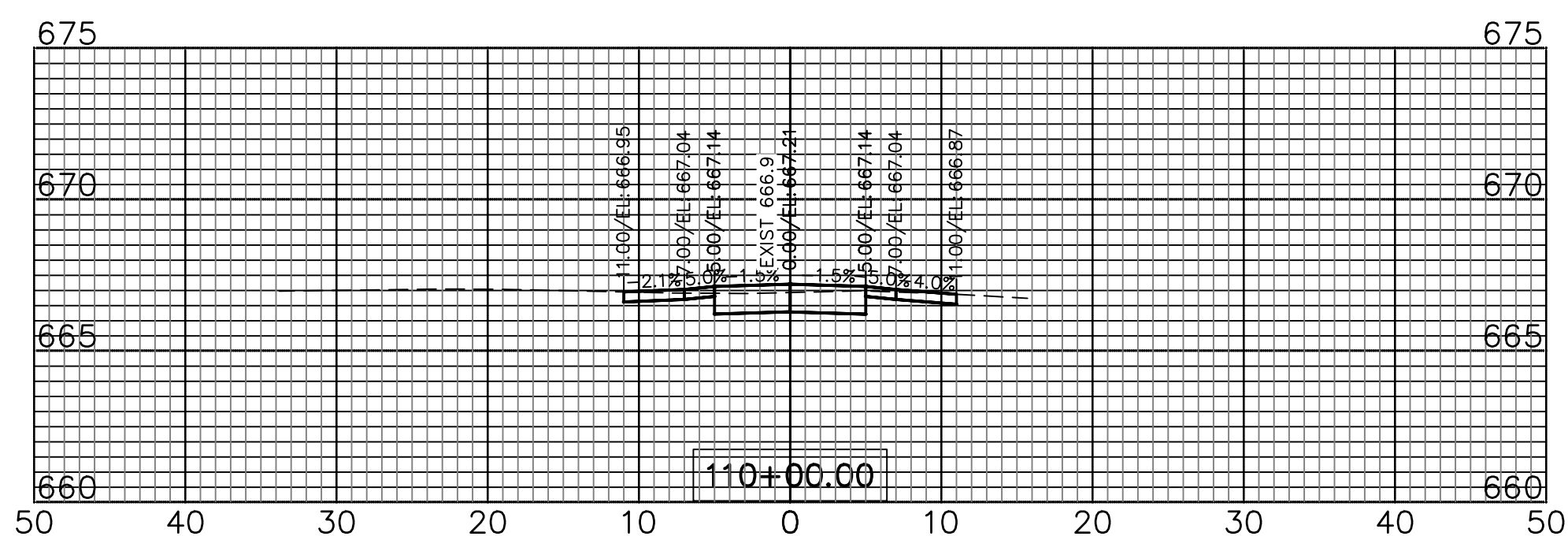
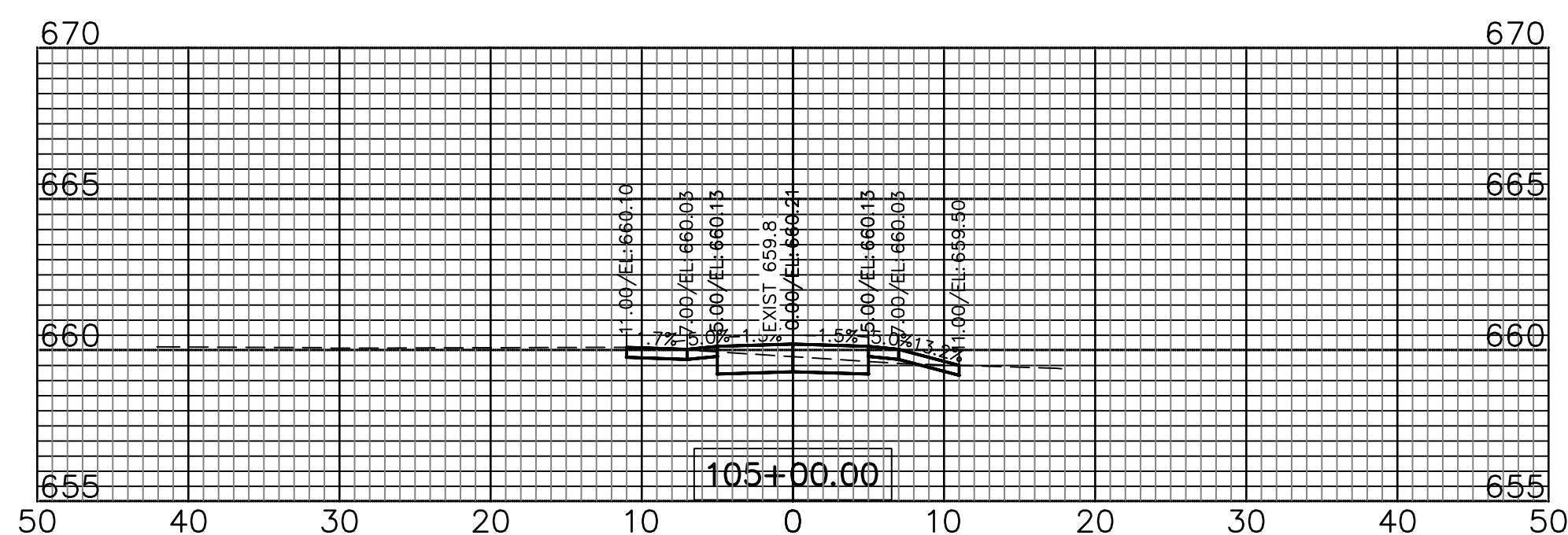
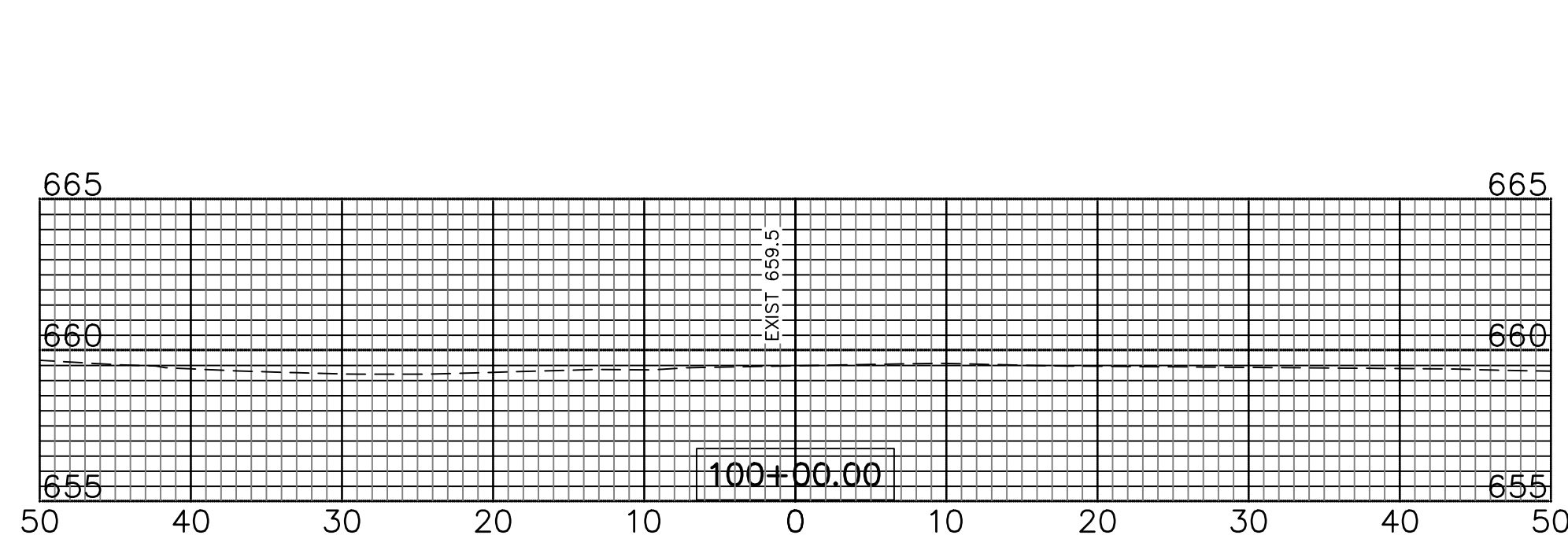
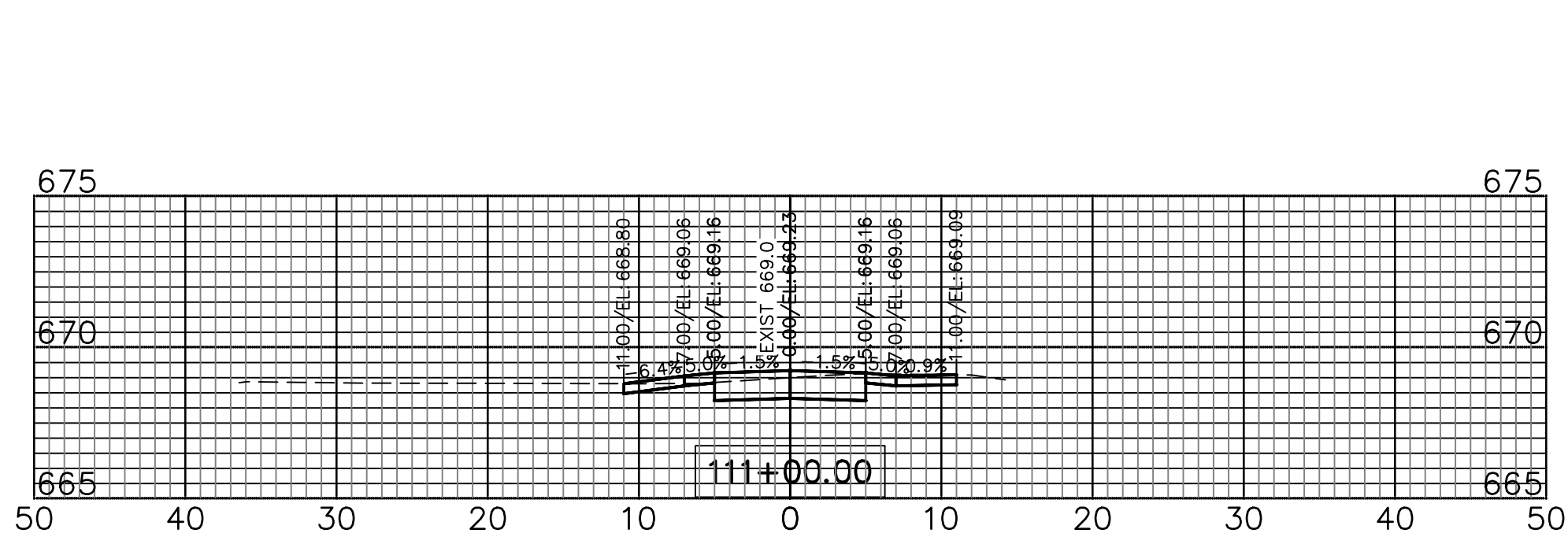
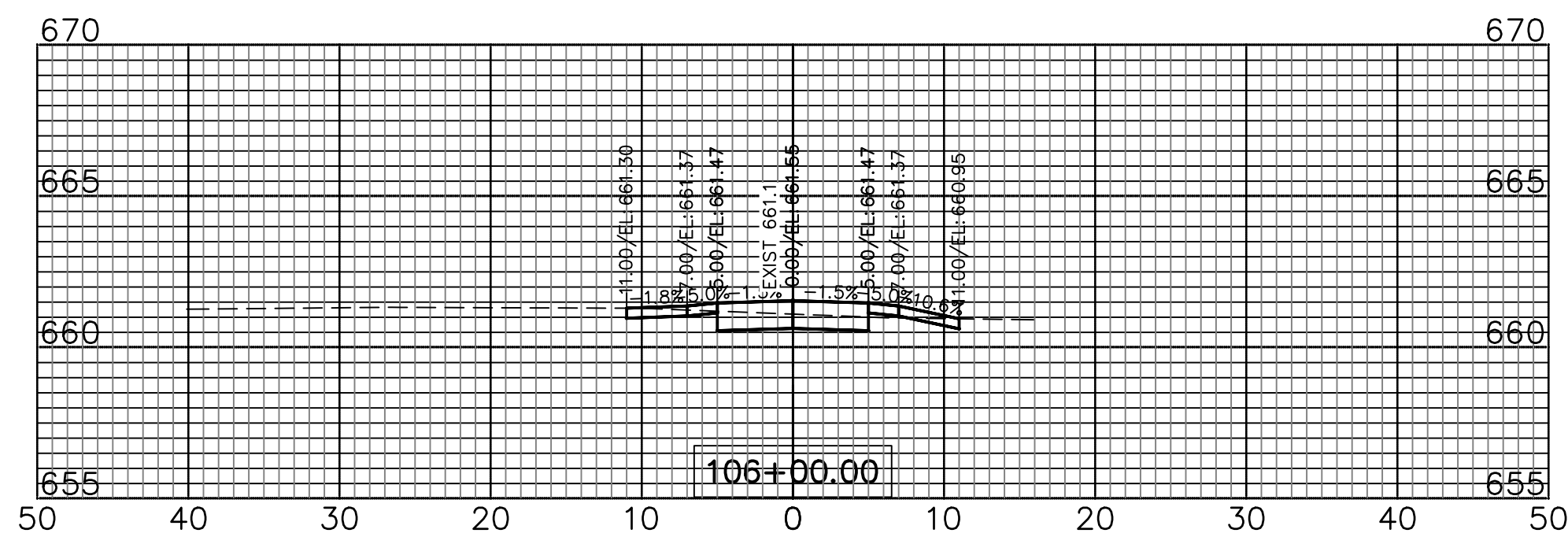
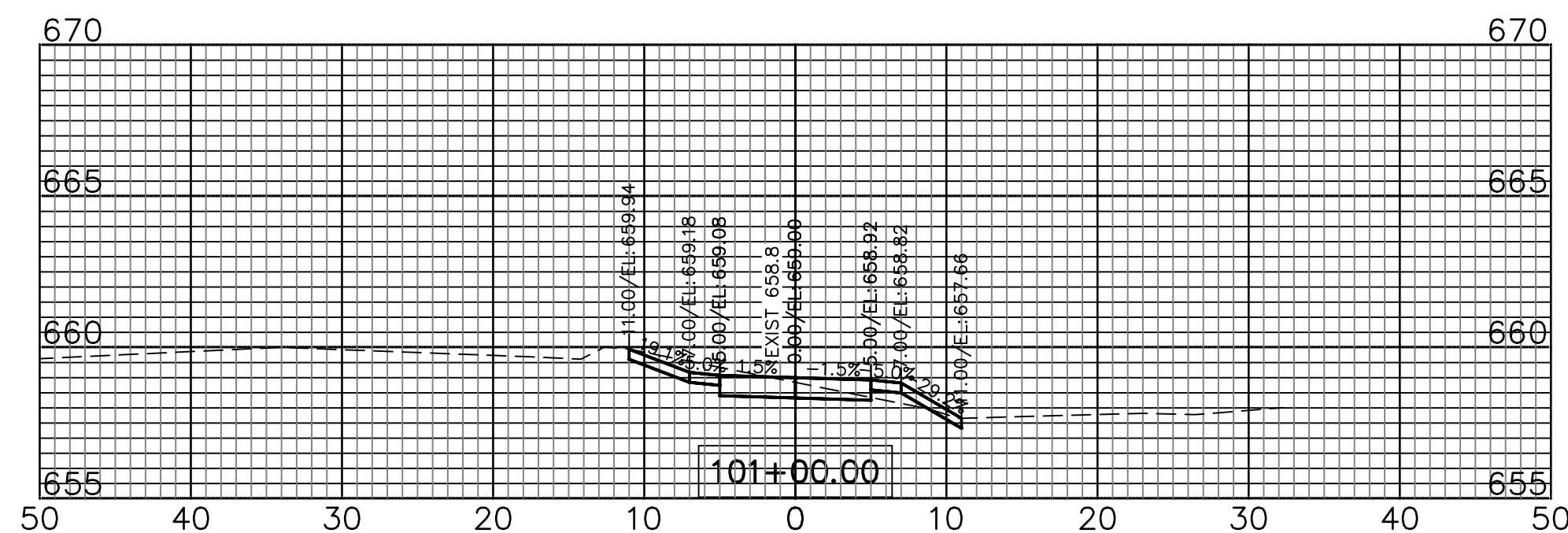
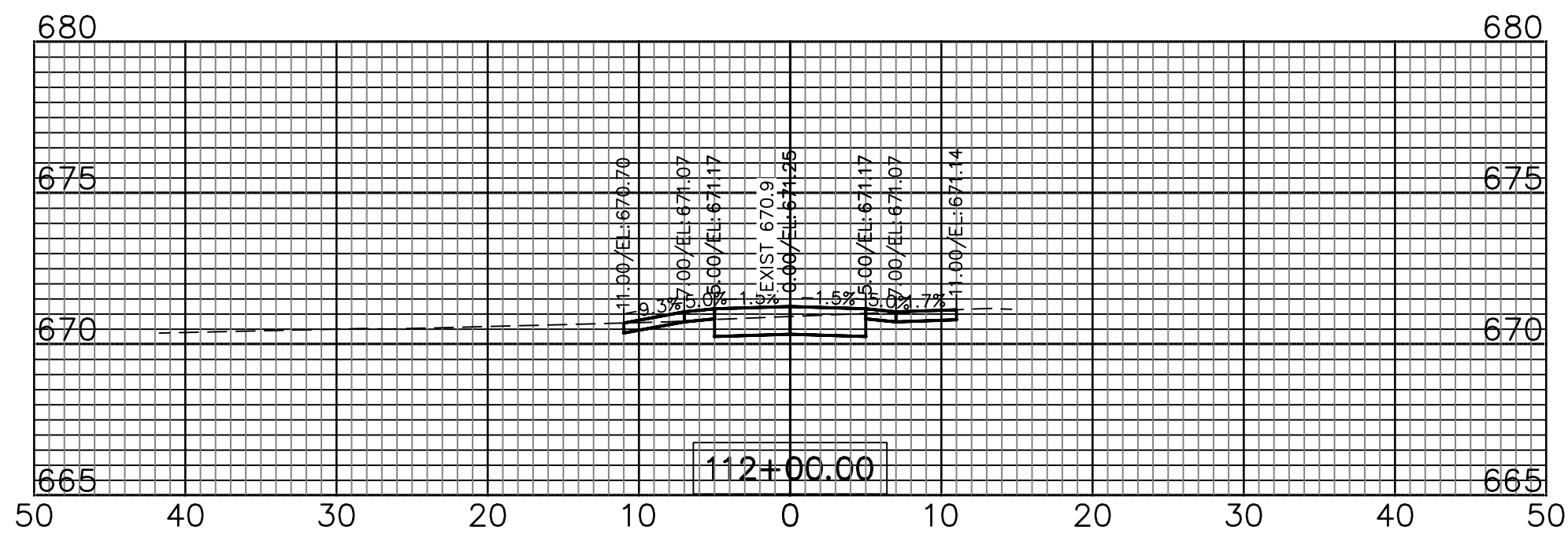
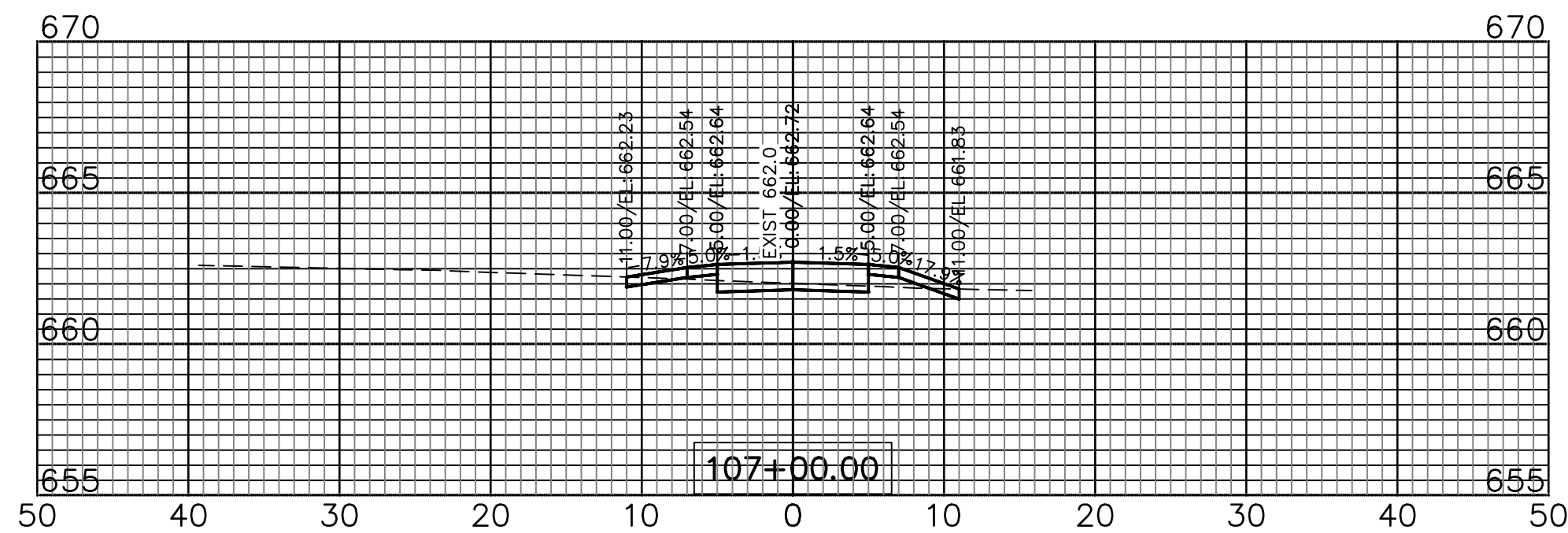
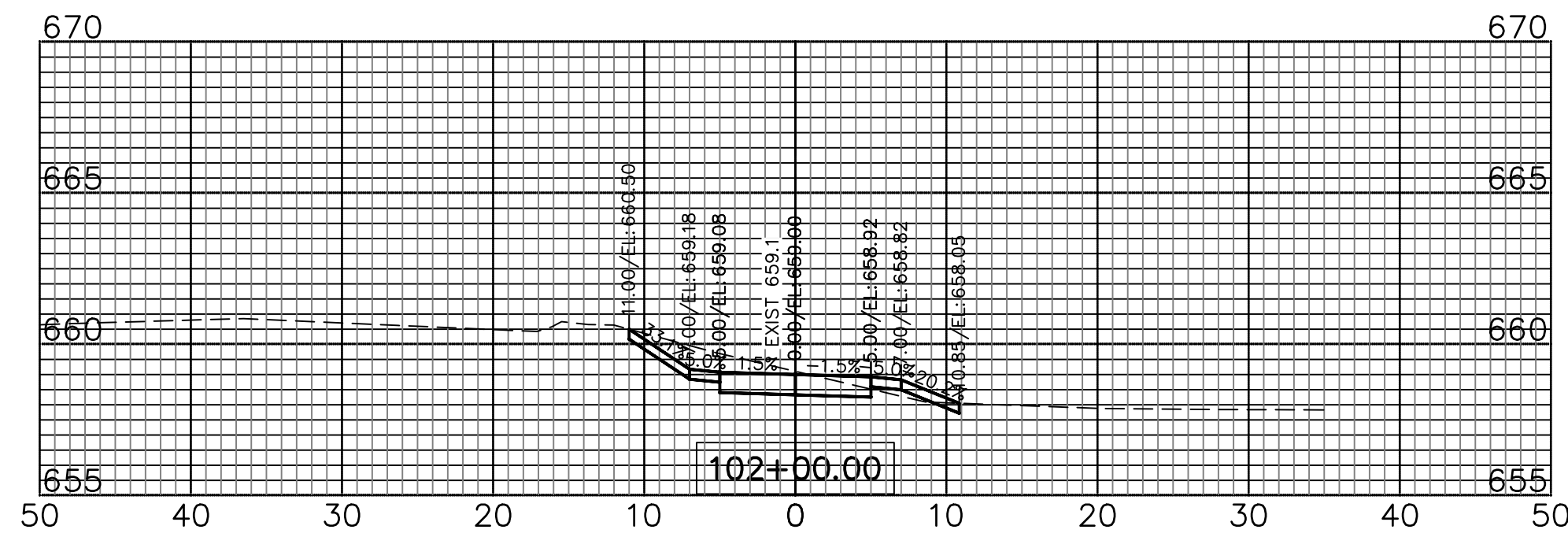
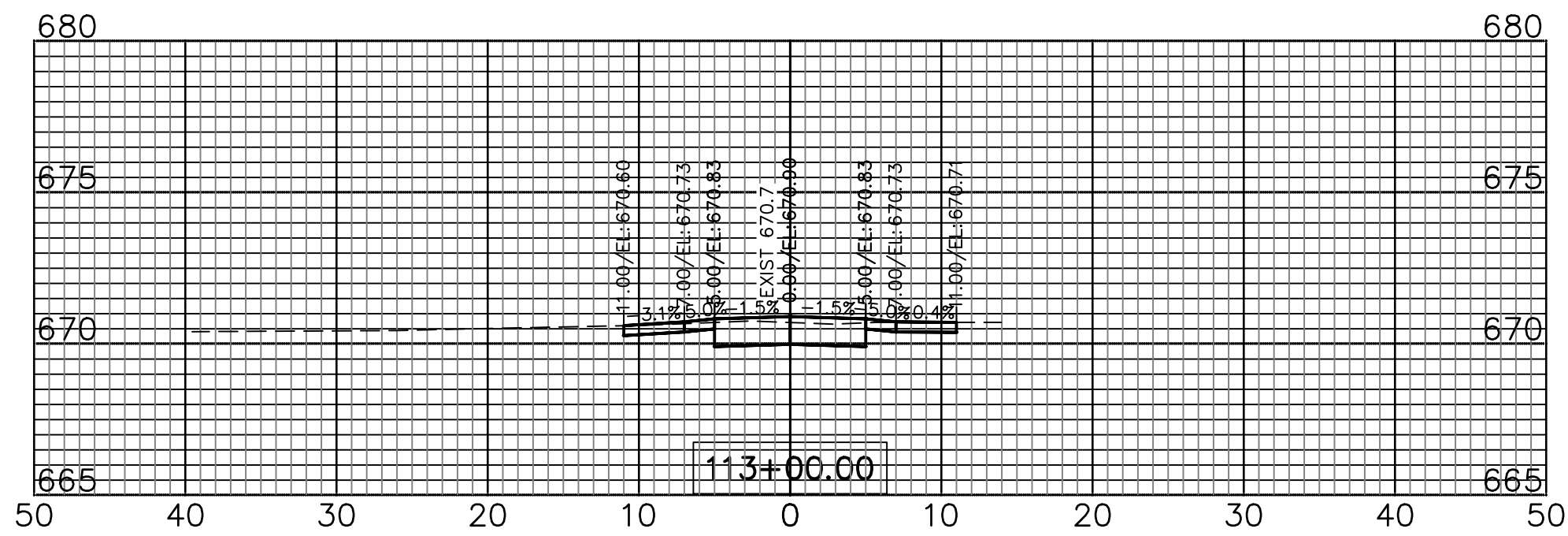
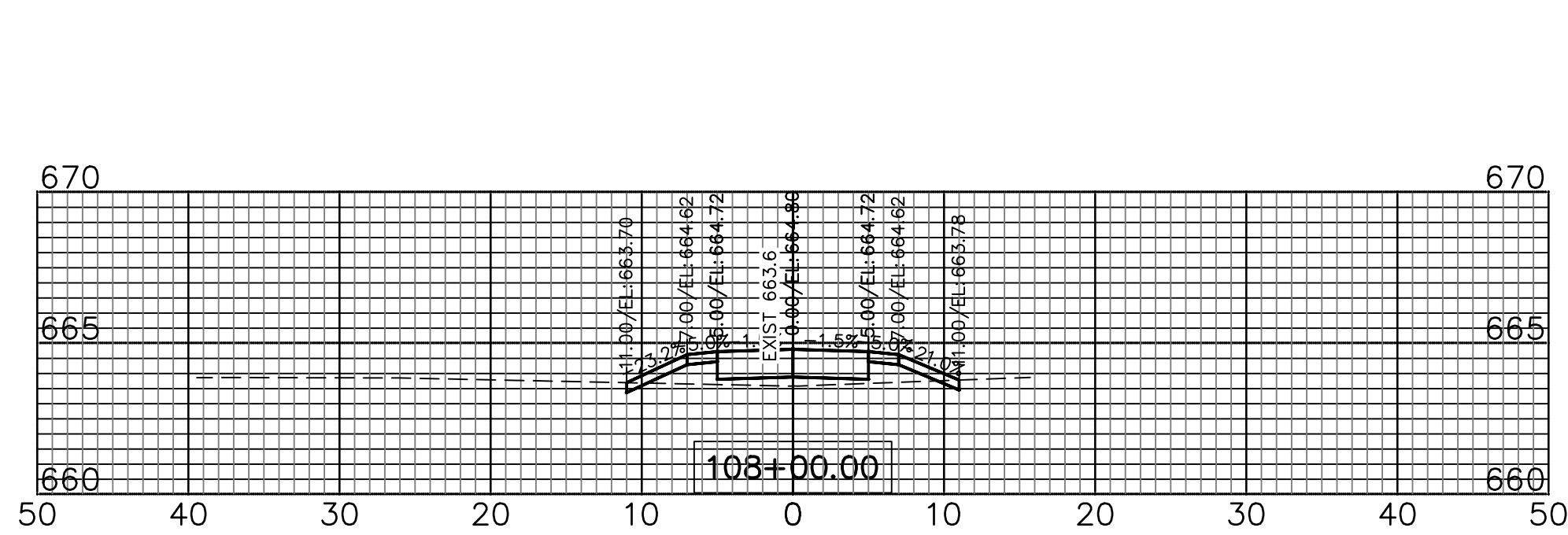
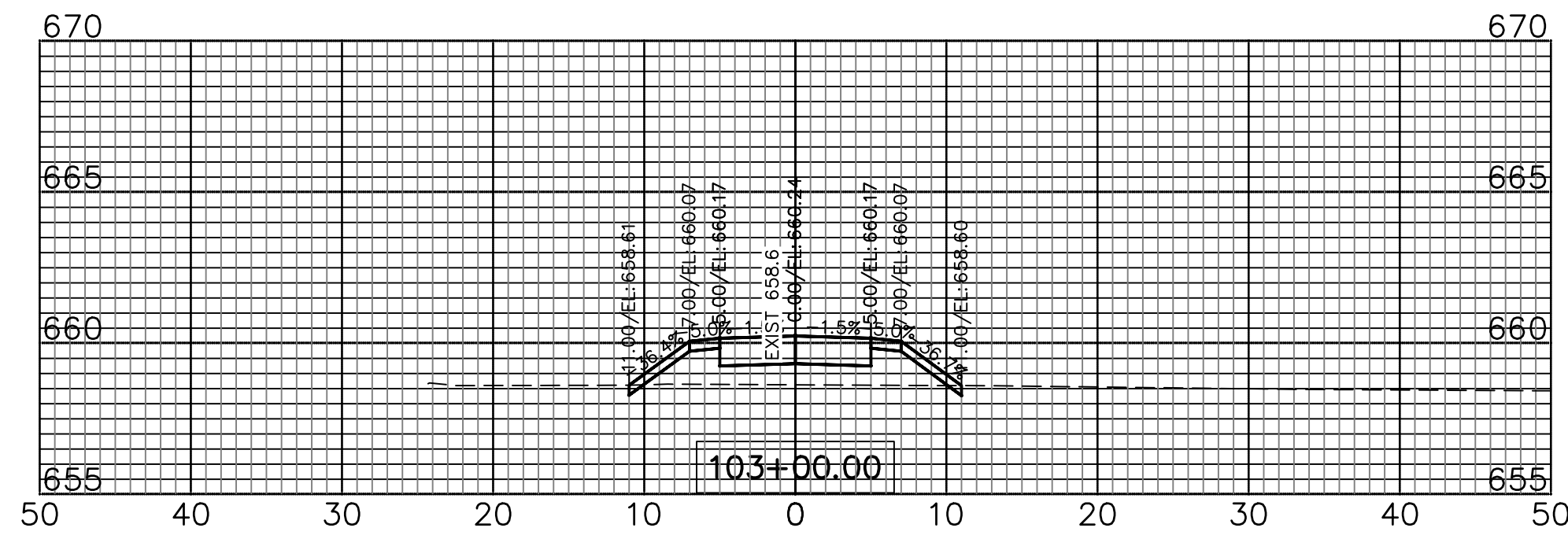
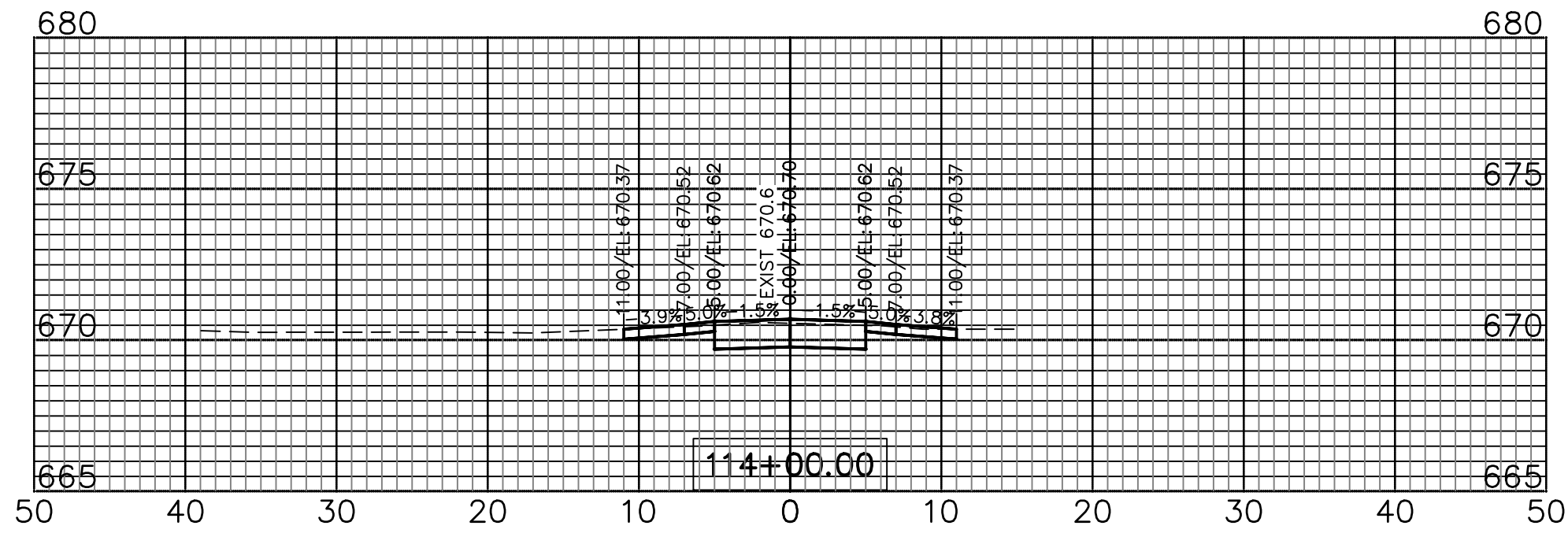
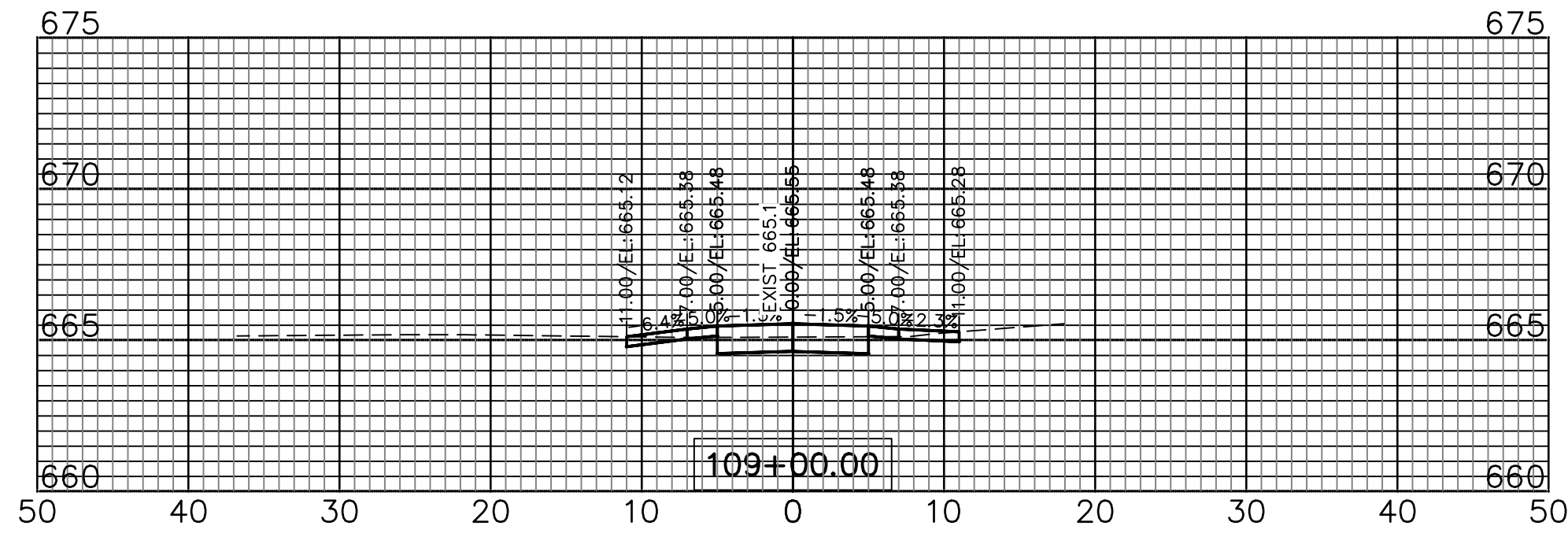
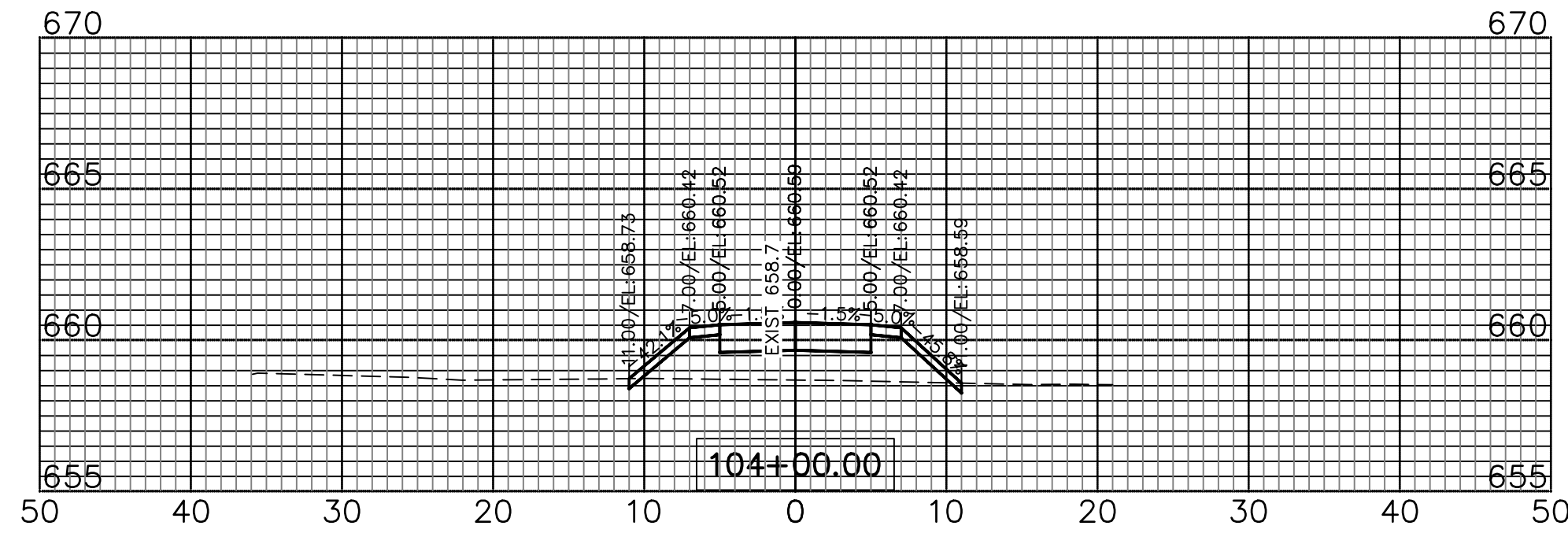
10 S. RIVERSIDE PLAZA, SUITE 875
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FAX (312) 474-6099

2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
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NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:	NORMANTOWN TRAIL PLAN AND PROFILE STA. 127+00 TO STA. 131+16.26
SCALE: 1"=20'H; 1"=2'V	JUNE, 2020
JOB NO: 191211	SHEET 13 OF 27

Normantown Trail Phase 2 (CADD) 06.03.24 Comd Lease Renewal - Normantown Trail - Plan&Profile.dwg Updated by: achnille 3/5/2025



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY:	RT
CHECKED BY:	AZ
APPROVED BY:	AK



35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
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FAX (630) 393-2152

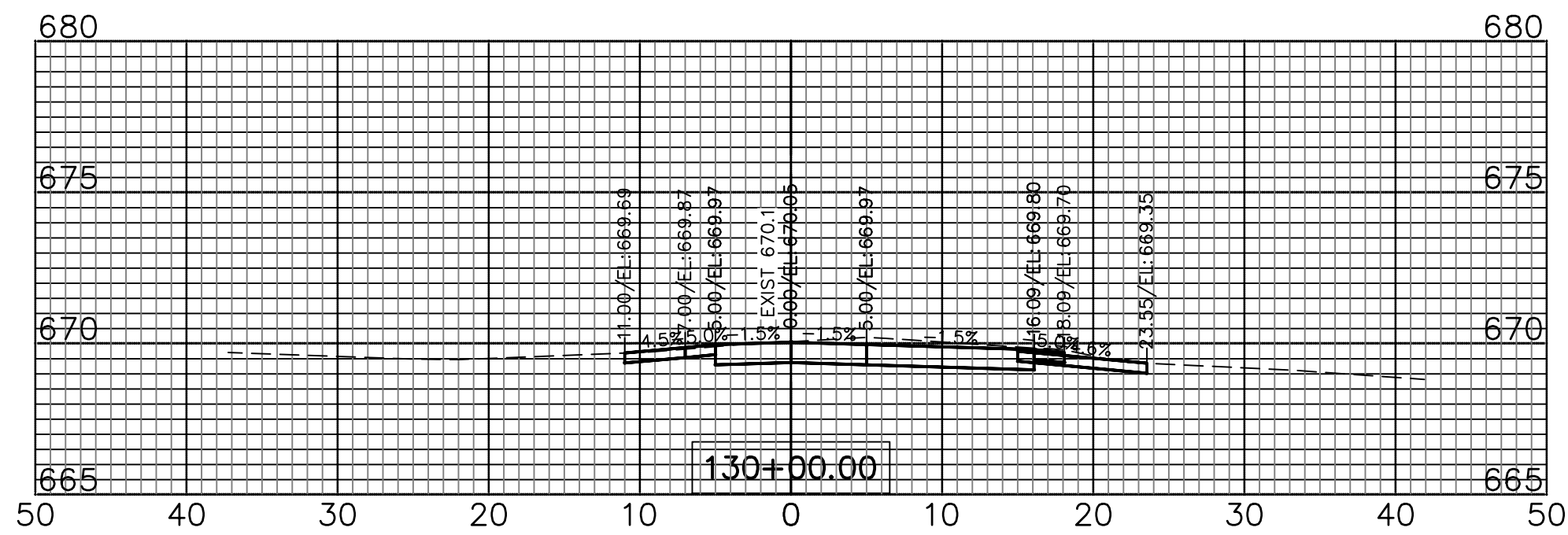
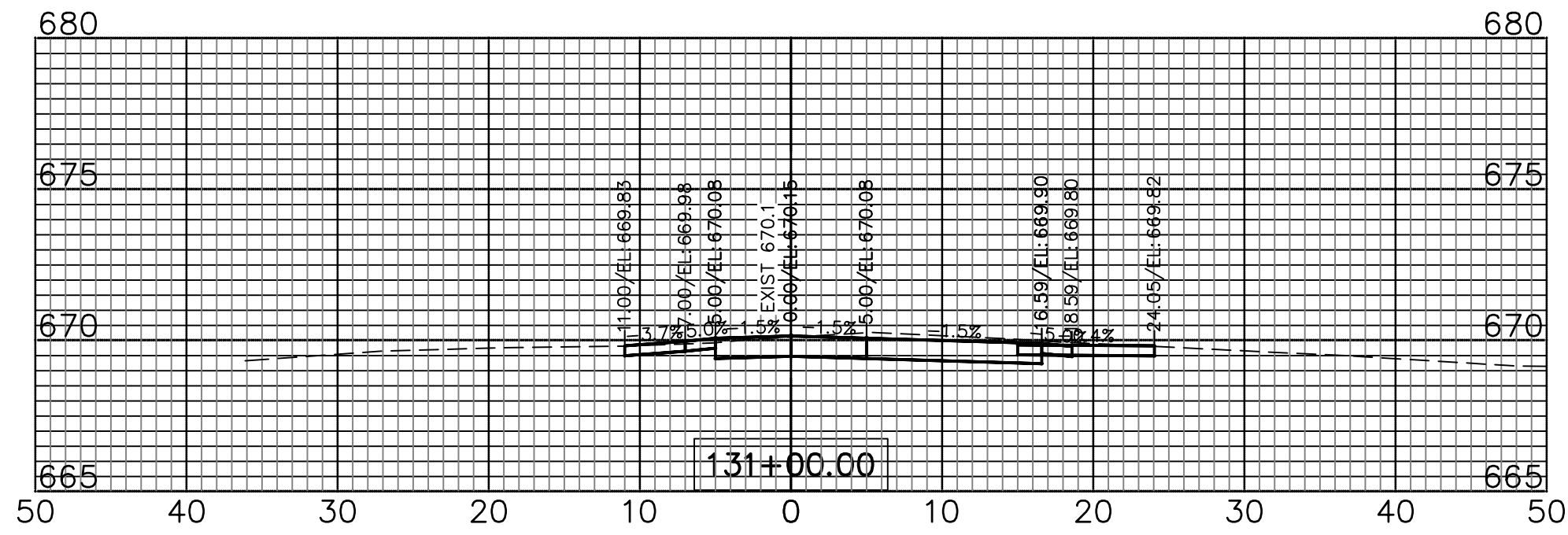
10 S. RIVERSIDE PLAZA, SUITE 875
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FAX (312) 474-6099

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**NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS**

TITLE:
**NORMANTOWN TRAIL
CROSS SECTIONS
STA. 100+00 TO STA. 114+00**

SCALE: 1"=10'H; 1"=5'V
DATE: May, 2020
JOB NO: 191211
SHEET 15 **OF** 28



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK



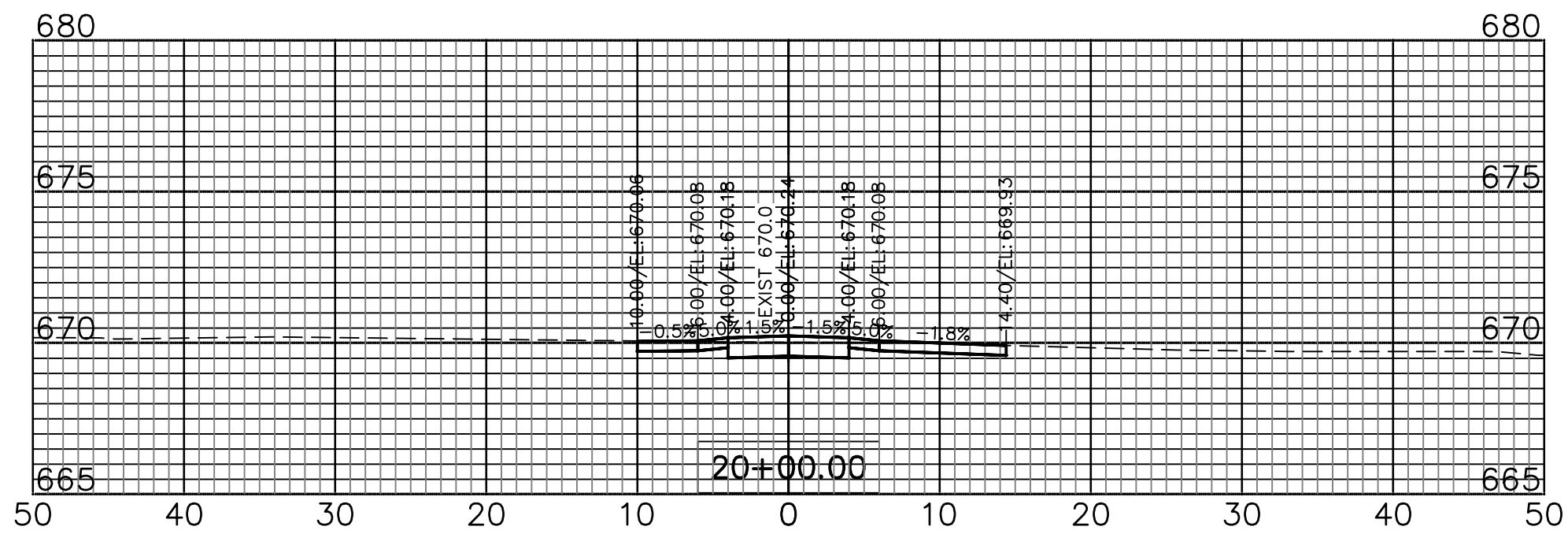
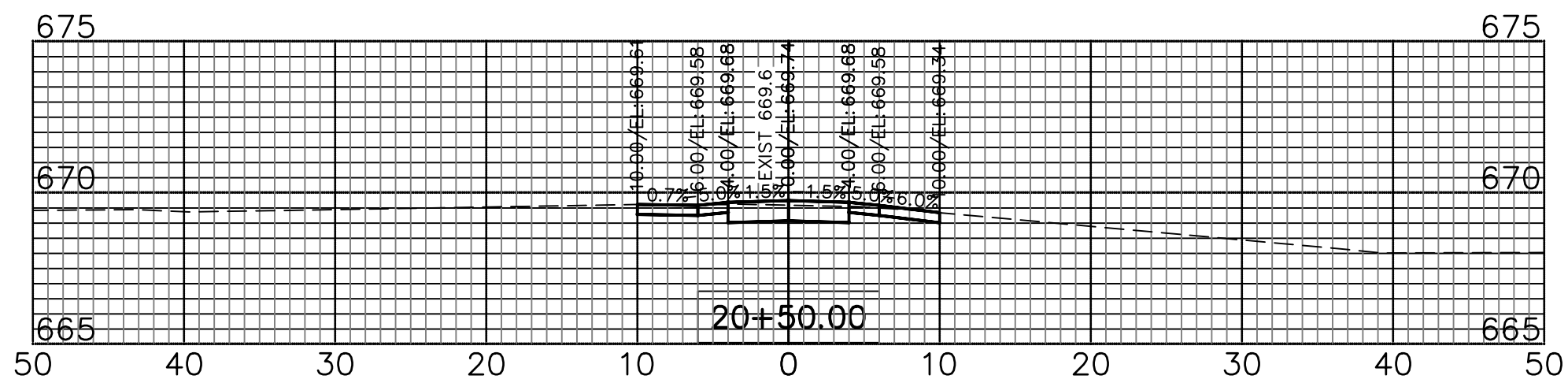
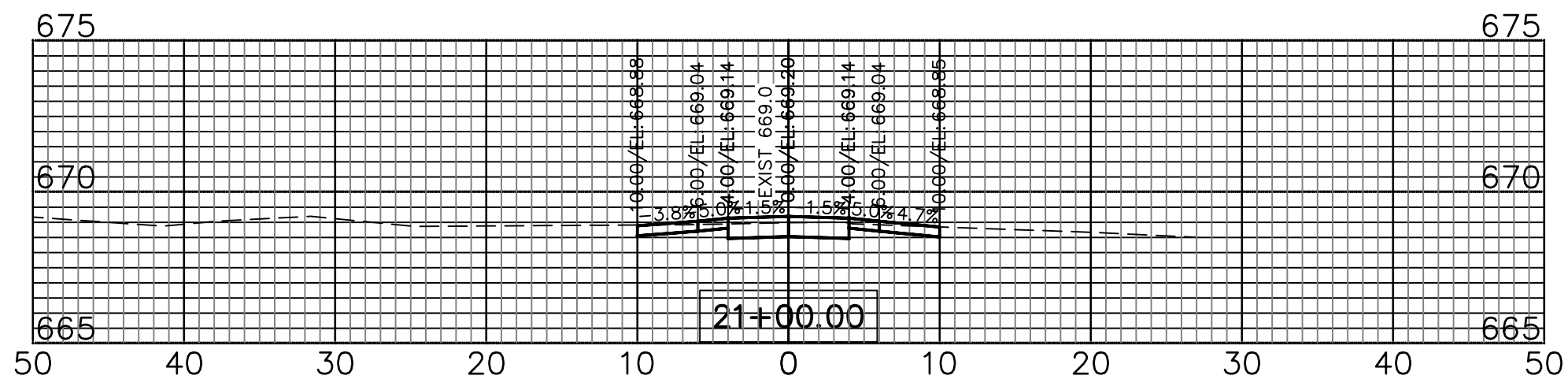
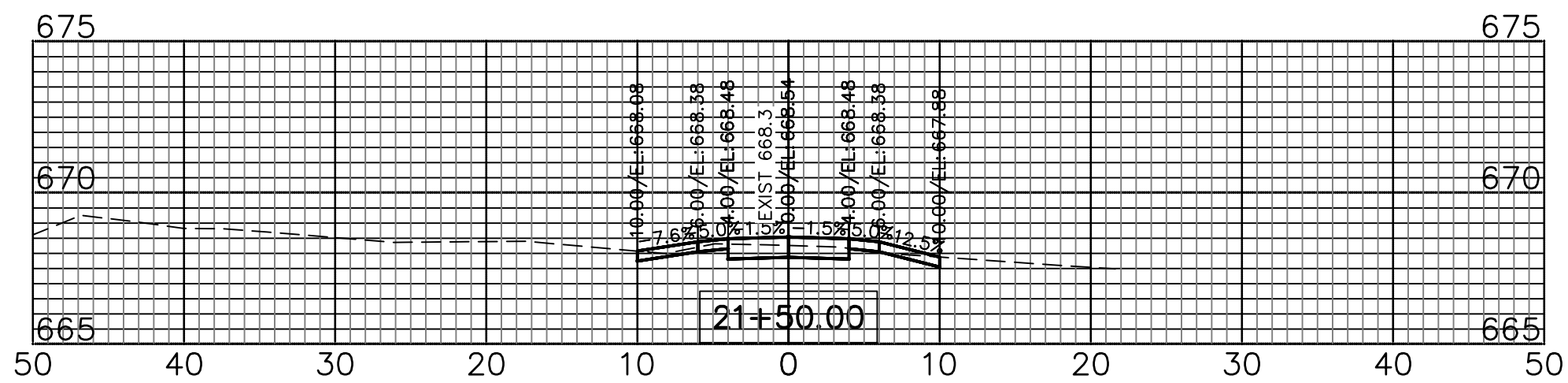
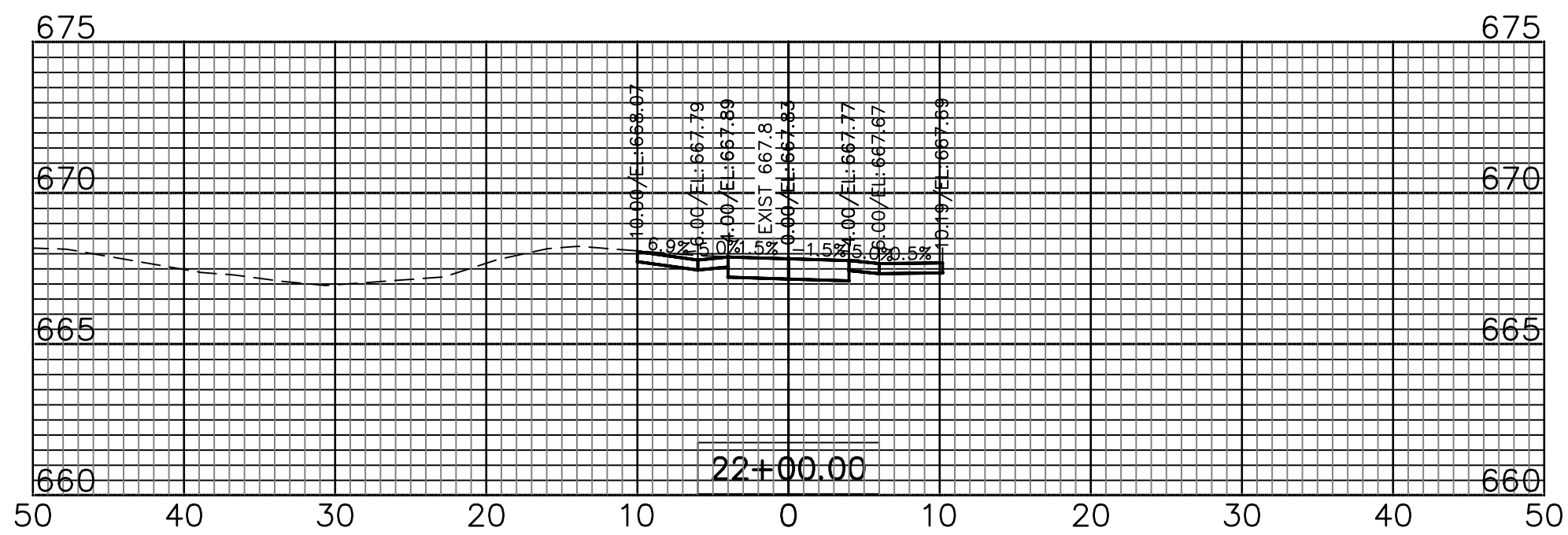
35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

10 S. RIVERSIDE PLAZA, SUITE 875
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PHONE (312) 474-7841
FAX (312) 474-6099

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CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:		SCALE: 1"=10'H; 1"=5'V
NORMANTOWN TRAIL CROSS SECTIONS STA. 130+00 TO STA. 131+50		DATE: May, 2020
		JOB NO: 191211
		SHEET 17 of 28



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY:	RT
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APPROVED BY:	AK



35701 WEST AVENUE, SUITE 150
WARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

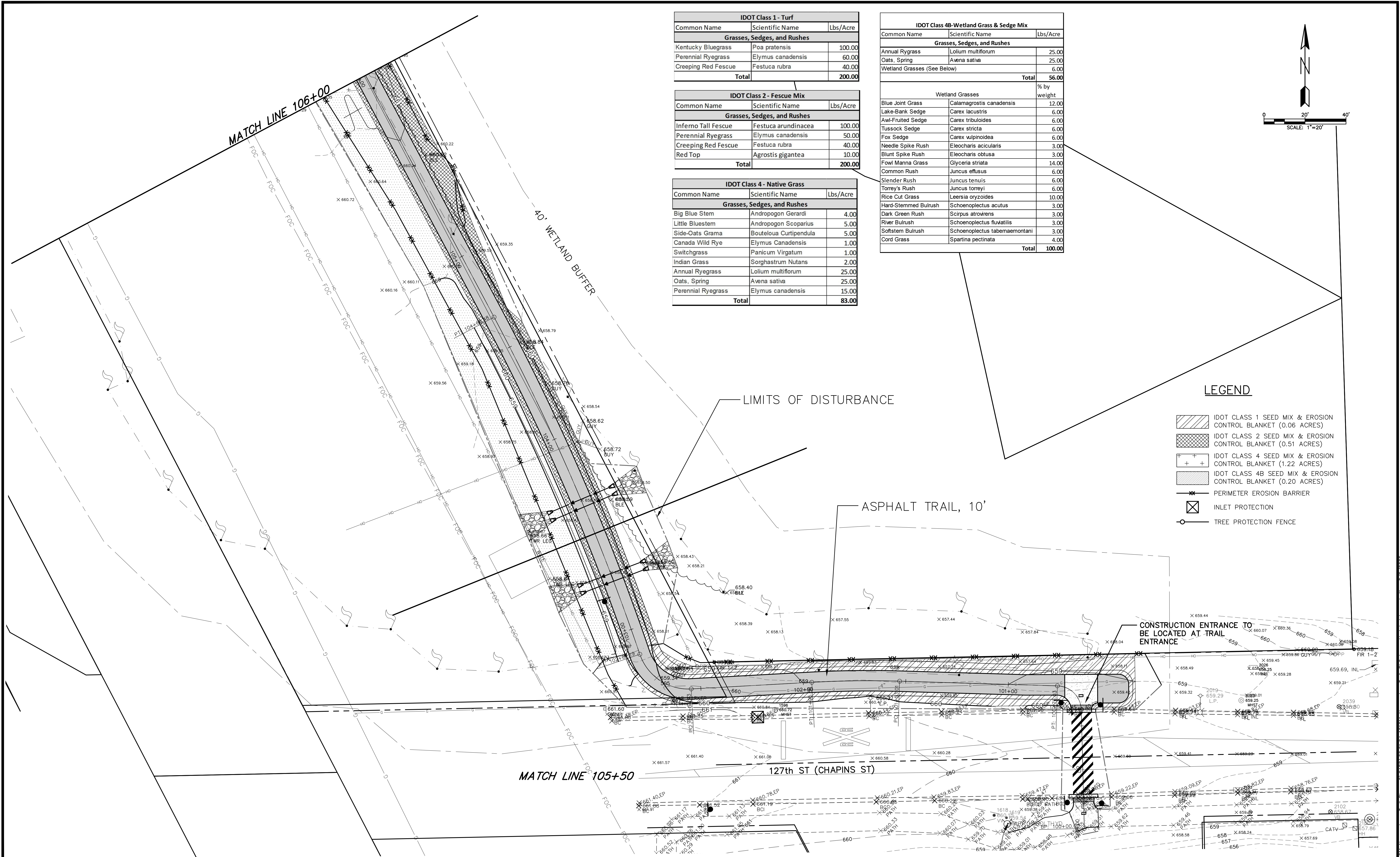
10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
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FAX (217) 355-1902

NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:
NORMANTOWN AGGREGATE TRAIL
PLAN AND PROFILE
STA. 20+00 TO STA. 22+00

SCALE: 1"=10'H; 1"=5'V
DATE: May, 2020
JOB NO: 191211
SHEET 18 of 28

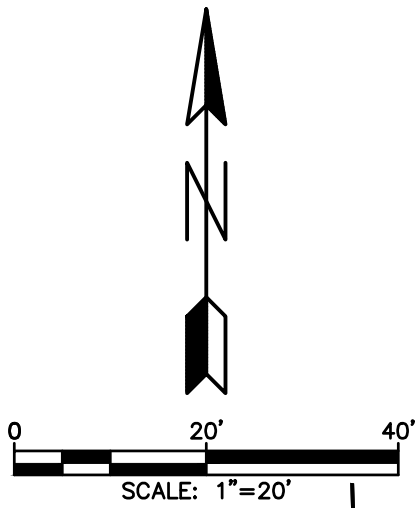


IDOT Class 1 - Turf		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Kentucky Bluegrass	Poa pratensis	100.00
Perennial Ryegrass	Elymus canadensis	60.00
Creeping Red Fescue	Festuca rubra	40.00
Total		200.00

IDOT Class 2 - Fescue Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Inferno Tall Fescue	Festuca arundinacea	100.00
Perennial Ryegrass	Elymus canadensis	50.00
Creeping Red Fescue	Festuca rubra	40.00
Red Top	Agrostis gigantea	10.00
Total		200.00

IDOT Class 4 - Native Grass		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Big Blue Stem	Andropogon Gerardi	4.00
Little Bluestem	Andropogon Scoparius	5.00
Side-Oats Grama	Bouteloua Curtipendula	5.00
Canada Wild Rye	Elymus Canadensis	1.00
Switchgrass	Panicum Virgatum	1.00
Indian Grass	Sorghastrum Nutans	2.00
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Perennial Ryegrass	Elymus canadensis	15.00
Total		83.00

IDOT Class 4B-Wetland Grass & Sedge Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Wetland Grasses (See Below)		6.00
Total		56.00
Wetland Grasses		% by weight
Blue Joint Grass	Calamagrostis canadensis	12.00
Lake-Bank Sedge	Carex lacustris	6.00
Awl-Fruited Sedge	Carex tribuloides	6.00
Tussock Sedge	Carex stricta	6.00
Fox Sedge	Carex vulpinoidea	6.00
Needle Spike Rush	Eleocharis acicularis	3.00
Blunt Spike Rush	Eleocharis obtusa	3.00
Fowl Manna Grass	Glyceria striata	14.00
Common Rush	Juncus effusus	6.00
Slender Rush	Juncus tenuis	6.00
Torrey's Rush	Juncus torreyi	6.00
Rice Cut Grass	Leersia oryzoides	10.00
Hard-Stemmed Bulrush	Schoenoplectus acutus	3.00
Dark Green Rush	Scirpus atrovirens	3.00
River Bulrush	Schoenoplectus fluviatilis	3.00
Softstem Bulrush	Schoenoplectus tabernaemontani	3.00
Cord Grass	Spartina pectinata	4.00
Total		100.00



LEGEND

- [Hatched pattern] IDOT CLASS 1 SEED MIX & EROSION CONTROL BLANKET (0.06 ACRES)
- [Cross-hatched pattern] IDOT CLASS 2 SEED MIX & EROSION CONTROL BLANKET (0.51 ACRES)
- [Pattern with '+' symbols] IDOT CLASS 4 SEED MIX & EROSION CONTROL BLANKET (1.22 ACRES)
- [Pattern with dots] IDOT CLASS 4B SEED MIX & EROSION CONTROL BLANKET (0.20 ACRES)
- [Line with 'X' symbols] PERIMETER EROSION BARRIER
- [Square with 'X' symbol] INLET PROTECTION
- [Line with circle symbol] TREE PROTECTION FENCE

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN BY: RT					
CHECKED BY: AZ					
APPROVED BY: AK					



35701 WEST AVENUE, SUITE 150
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CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:

PLANTING PLAN
STA. 100+00 TO STA 105+50

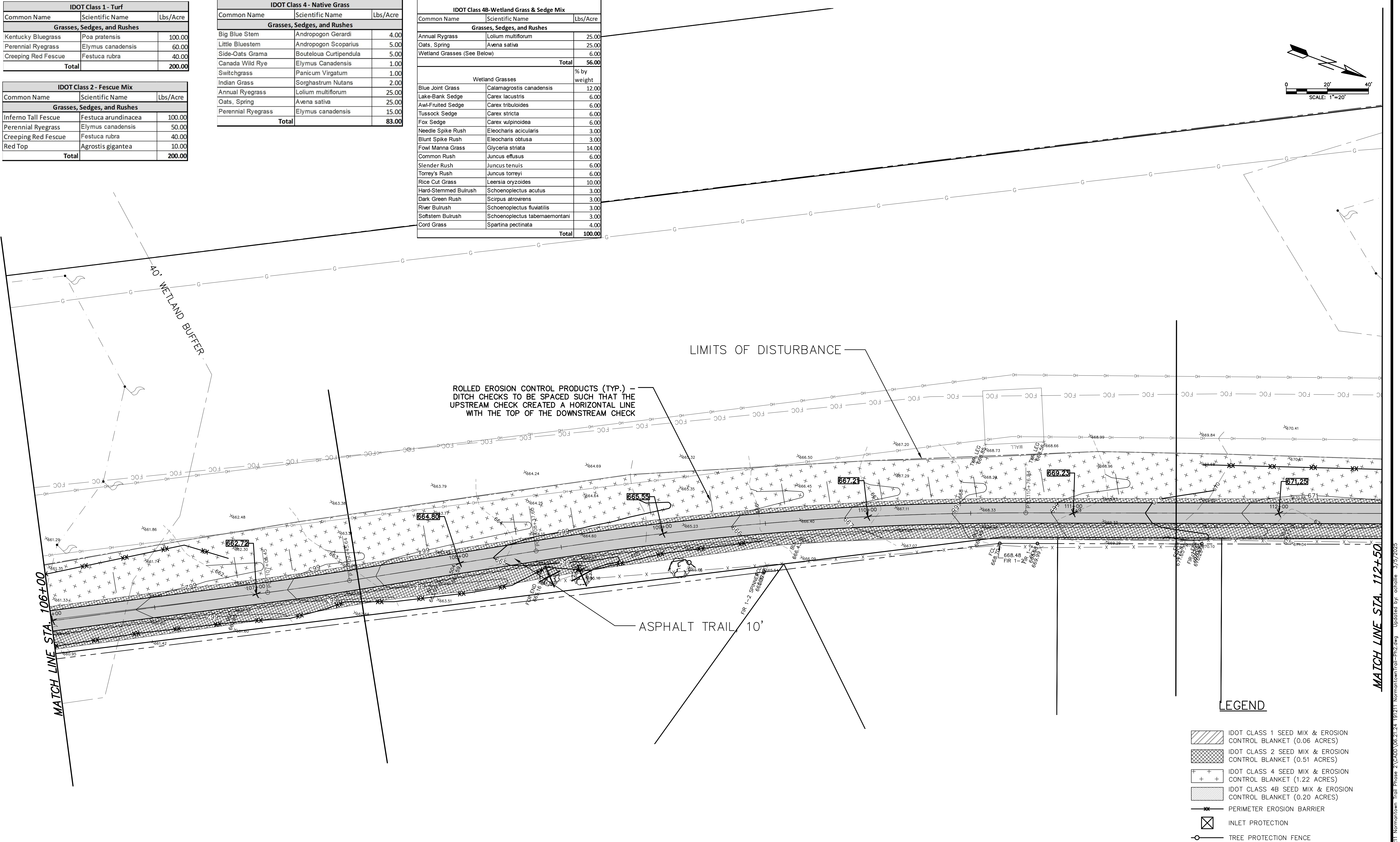
SCALE: 1"=20'
DATE: June, 2020
JOB NO: 191211
SHEET 19 of 27

IDOT Class 1 - Turf		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Kentucky Bluegrass	Poa pratensis	100.00
Perennial Ryegrass	Elymus canadensis	60.00
Creeping Red Fescue	Festuca rubra	40.00
Total		200.00

IDOT Class 2 - Fescue Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Inferno Tall Fescue	Festuca arundinacea	100.00
Perennial Ryegrass	Elymus canadensis	50.00
Creeping Red Fescue	Festuca rubra	40.00
Red Top	Agrostis gigantea	10.00
Total		200.00

IDOT Class 4 - Native Grass		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Big Blue Stem	Andropogon Gerardi	4.00
Little Bluestem	Andropogon Scoparius	5.00
Side-Oats Grama	Bouteloua Curtipendula	5.00
Canada Wild Rye	Elymus Canadensis	1.00
Switchgrass	Panicum Virgatum	1.00
Indian Grass	Sorghastrum Nutans	2.00
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Perennial Ryegrass	Elymus canadensis	15.00
Total		83.00

IDOT Class 4B-Wetland Grass & Sedge Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Annual Rygrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Wetland Grasses (See Below)		6.00
Total		56.00
Wetland Grasses		% by weight
Blue Joint Grass	Calamagrostis canadensis	12.00
Lake-Bank Sedge	Carex lacustris	6.00
Awl-Fruited Sedge	Carex tribuloides	6.00
Tussock Sedge	Carex stricta	6.00
Fox Sedge	Carex vulpinoidea	6.00
Needle Spike Rush	Eleocharis acicularis	3.00
Blunt Spike Rush	Eleocharis obtusa	3.00
Fowl Manna Grass	Glyceria striata	14.00
Common Rush	Juncus effusus	6.00
Slender Rush	Juncus tenuis	6.00
Torrey's Rush	Juncus torreyi	6.00
Rice Cut Grass	Leersia oryzoides	10.00
Hard-Stemmed Bulrush	Schoenoplectus acutus	3.00
Dark Green Rush	Scirpus atrovirens	3.00
River Bulrush	Schoenoplectus fluvatilis	3.00
Softstem Bulrush	Schoenoplectus tabernaemontani	3.00
Cord Grass	Spartina pectinata	4.00
Total		100.00



REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY:	RT
CHECKED BY:	AZ
APPROVED BY:	AK



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NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:
PLANTING PLAN
STA. 105+50 TO STA. 112+00

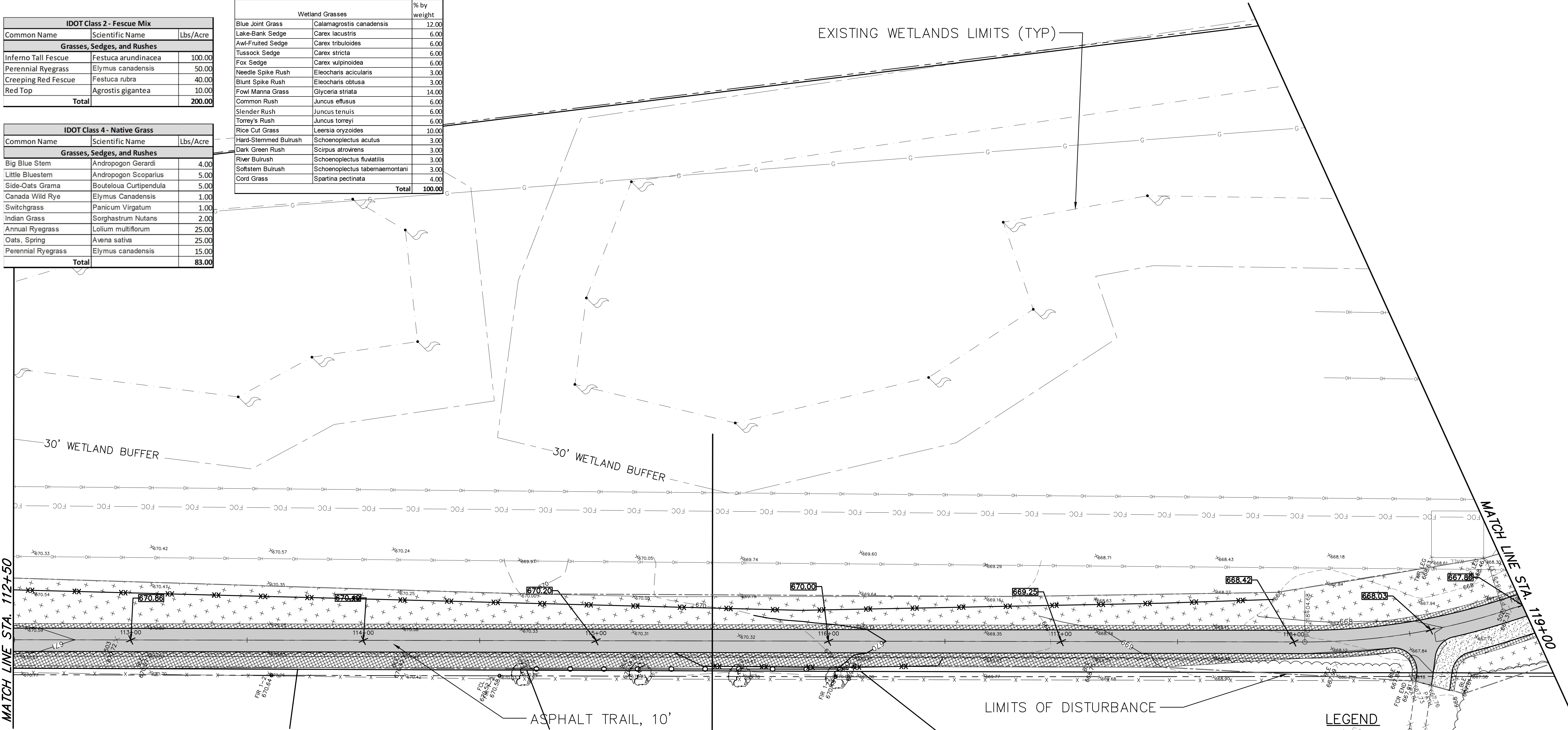
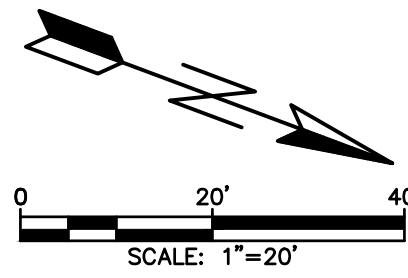
SCALE: 1"=20'
DATE: June, 2020
JOB NO: 191211
SHEET 20 OF 27

IDOT Class 1 - Turf		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Kentucky Bluegrass	Poa pratensis	100.00
Perennial Ryegrass	Elymus canadensis	60.00
Creeping Red Fescue	Festuca rubra	40.00
Total		200.00

IDOT Class 2 - Fescue Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Inferno Tall Fescue	Festuca arundinacea	100.00
Perennial Ryegrass	Elymus canadensis	50.00
Creeping Red Fescue	Festuca rubra	40.00
Red Top	Agrostis gigantea	10.00
Total		200.00

IDOT Class 4 - Native Grass		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Big Blue Stem	Andropogon Gerardi	4.00
Little Bluestem	Andropogon Scoparius	5.00
Side-Oats Grama	Bouteloua Curtipendula	5.00
Canada Wild Rye	Elymus Canadensis	1.00
Switchgrass	Panicum Virgatum	1.00
Indian Grass	Sorghastrum Nutans	2.00
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Perennial Ryegrass	Elymus canadensis	15.00
Total		83.00

IDOT Class 4B-Wetland Grass & Sedge Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Wetland Grasses (See Below)		6.00
Total		56.00
Wetland Grasses		% by weight
Blue Joint Grass	Calamagrostis canadensis	12.00
Lake-Bank Sedge	Carex lacustris	6.00
Awl-Fruited Sedge	Carex tribuloides	6.00
Tussock Sedge	Carex stricta	6.00
Fox Sedge	Carex vulpinoidea	6.00
Needle Spike Rush	Eleocharis acicularis	3.00
Blunt Spike Rush	Eleocharis obtusa	3.00
Fowl Manna Grass	Glyceria striata	14.00
Common Rush	Juncus effusus	6.00
Slender Rush	Juncus tenuis	6.00
Torrey's Rush	Juncus torreyi	6.00
Rice Cut Grass	Leersia oryzoides	10.00
Hard-Stemmed Bulrush	Schoenoplectus acutus	3.00
Dark Green Rush	Scirpus atrovirens	3.00
River Bulrush	Schoenoplectus fluviatilis	3.00
Softstem Bulrush	Schoenoplectus tabernaemontani	3.00
Cord Grass	Spartina pectinata	4.00
Total		100.00



LEGEND

- IDOT CLASS 1 SEED MIX & EROSION CONTROL BLANKET (0.06 ACRES)
- IDOT CLASS 2 SEED MIX & EROSION CONTROL BLANKET (0.51 ACRES)
- IDOT CLASS 4 SEED MIX & EROSION CONTROL BLANKET (1.22 ACRES)
- IDOT CLASS 4B SEED MIX & EROSION CONTROL BLANKET (0.20 ACRES)
- PERIMETER EROSION BARRIER
- INLET PROTECTION
- TREE PROTECTION FENCE

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK



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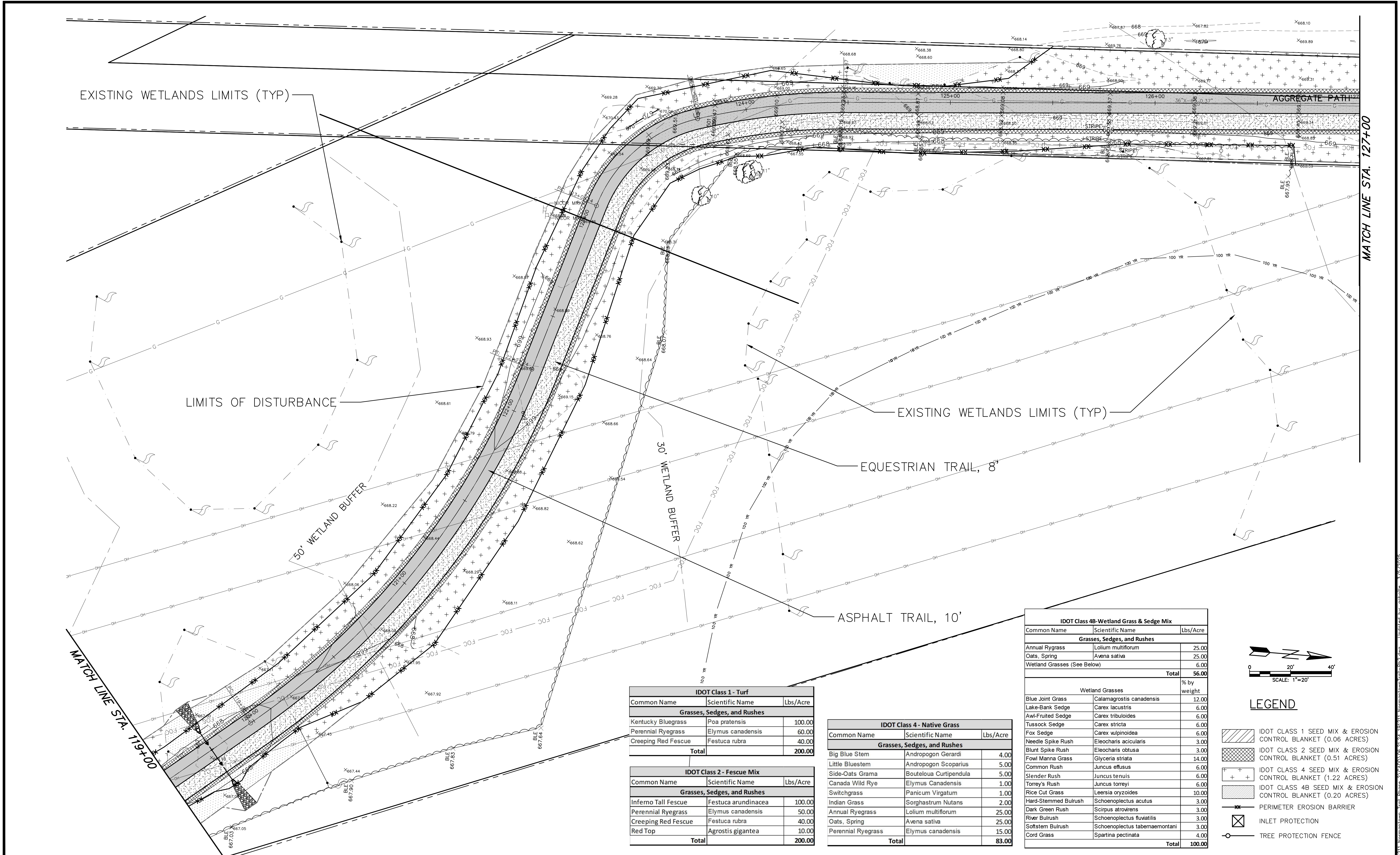
2416 GALEN DRIVE
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PHONE (217) 351-6268
FAX (217) 355-1902

NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:

PLANTING PLAN
STA. 112+00 TO STA. 118+00

SCALE: 1"=20'
DATE: June, 2020
JOB NO: 191211
SHEET 21 OF 27

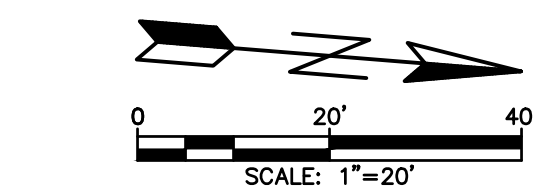


IDOT Class 1 - Turf		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Kentucky Bluegrass	Poa pratensis	100.00
Perennial Ryegrass	Elymus canadensis	60.00
Creeping Red Fescue	Festuca rubra	40.00
Total		200.00

IDOT Class 2 - Fescue Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Inferno Tall Fescue	Festuca arundinacea	100.00
Perennial Ryegrass	Elymus canadensis	50.00
Creeping Red Fescue	Festuca rubra	40.00
Red Top	Agrostis gigantea	10.00
Total		200.00

IDOT Class 4 - Native Grass		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Big Blue Stem	Andropogon Gerardi	4.00
Little Bluestem	Andropogon Scoparius	5.00
Side-Oats Grama	Bouteloua Curtipendula	5.00
Canada Wild Rye	Elymus Canadensis	1.00
Switchgrass	Panicum Virgatum	1.00
Indian Grass	Sorghastrum Nutans	2.00
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Perennial Ryegrass	Elymus canadensis	15.00
Total		83.00

IDOT Class 4B-Wetland Grass & Sedge Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Wetland Grasses (See Below)		6.00
Total		56.00
		% by weight
Wetland Grasses		
Blue Joint Grass	Calamagrostis canadensis	12.00
Lake-Bank Sedge	Carex lacustris	6.00
Awl-Fruited Sedge	Carex tribuloides	6.00
Tussock Sedge	Carex stricta	6.00
Fox Sedge	Carex vulpinoidea	6.00
Needle Spike Rush	Eleocharis acicularis	3.00
Blunt Spike Rush	Eleocharis obtusa	3.00
Fowl Manna Grass	Glyceria striata	14.00
Common Rush	Juncus effusus	6.00
Slender Rush	Juncus tenuis	6.00
Torrey's Rush	Juncus torreyi	6.00
Rice Cut Grass	Leersia oryzoides	10.00
Hard-Stemmed Bulrush	Schoenoplectus acutus	3.00
Dark Green Rush	Scirpus atrovirens	3.00
River Bulrush	Schoenoplectus fluviatilis	3.00
Softstem Bulrush	Schoenoplectus tabernaemontani	3.00
Cord Grass	Spartina pectinata	4.00
Total		100.00



LEGEND

- [Hatched pattern] IDOT CLASS 1 SEED MIX & EROSION CONTROL BLANKET (0.06 ACRES)
- [Cross-hatched pattern] IDOT CLASS 2 SEED MIX & EROSION CONTROL BLANKET (0.51 ACRES)
- [Pattern with '+' symbols] IDOT CLASS 4 SEED MIX & EROSION CONTROL BLANKET (1.22 ACRES)
- [Pattern with 'x' symbols] IDOT CLASS 4B SEED MIX & EROSION CONTROL BLANKET (0.20 ACRES)
- [Line with 'x' symbols] PERIMETER EROSION BARRIER
- [Square with 'x' symbol] INLET PROTECTION
- [Line with circle symbol] TREE PROTECTION FENCE

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN BY: RT					
CHECKED BY: AZ					
APPROVED BY: AK					



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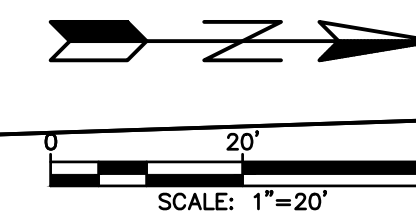
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FAX (217) 355-1902

NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:		SCALE: 1"=20'
PLANTING PLAN STA.118+00 TO STA. 125+50		DATE: June, 2020
		JOB NO: 191211
		SHEET 22 OF 27

MATCH LINE STA. 127+00



LIMITS OF DISTURBANCE

CONSTRUCTION ENTRANCE TO
BE LOCATED AT TRAIL
ENTRANCE

NORMANTOWN RD. (252nd. AVE)

SITE BM #1

ASPHALT TRAIL, 10'

EQUESTRIAN TRAIL, 8'

EXISTING WETLANDS LIMITS (TYP)

IDOT Class 1 - Turf		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Kentucky Bluegrass	Poa pratensis	100.00
Perennial Ryegrass	Elymus canadensis	60.00
Creeping Red Fescue	Festuca rubra	40.00
Total		200.00

IDOT Class 2 - Fescue Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Inferno Tall Fescue	Festuca arundinacea	100.00
Perennial Ryegrass	Elymus canadensis	50.00
Creeping Red Fescue	Festuca rubra	40.00
Red Top	Agrostis gigantea	10.00
Total		200.00

IDOT Class 4 - Native Grass		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Big Blue Stem	Andropogon Gerardi	4.00
Little Bluestem	Andropogon Scoparius	5.00
Side-Oats Grama	Bouteloua Curtipendula	5.00
Canada Wild Rye	Elymus Canadensis	1.00
Switchgrass	Panicum Virgatum	1.00
Indian Grass	Sorghastrum Nutans	2.00
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Perennial Ryegrass	Elymus canadensis	15.00
Total		83.00

IDOT Class 4B - Wetland Grass & Sedge Mix		
Common Name	Scientific Name	Lbs/Acre
Grasses, Sedges, and Rushes		
Annual Ryegrass	Lolium multiflorum	25.00
Oats, Spring	Avena sativa	25.00
Wetland Grasses (See Below)		6.00
Total		56.00

Wetland Grasses		% by weight
Blue Joint Grass	Calamagrostis canadensis	12.00
Lake-Bank Sedge	Carex lacustris	6.00
Awl-Fruited Sedge	Carex tribuloides	6.00
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Fox Sedge	Carex vulpinoidea	6.00
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Common Rush	Juncus effusus	6.00
Slender Rush	Juncus tenuis	6.00
Torrey's Rush	Juncus torreyi	6.00
Rice Cut Grass	Leersia oryzoides	10.00
Hard-Stemmed Bulrush	Schoenoplectus acutus	3.00
Dark Green Rush	Scirpus atrovirens	3.00
River Bulrush	Schoenoplectus fluviatilis	3.00
Softstem Bulrush	Schoenoplectus tabernaemontani	3.00
Cord Grass	Spartina pectinata	4.00
Total		100.00

LEGEND

- IDOT CLASS 1 SEED MIX & EROSION CONTROL BLANKET (0.06 ACRES)
- IDOT CLASS 2 SEED MIX & EROSION CONTROL BLANKET (0.51 ACRES)
- IDOT CLASS 4 SEED MIX & EROSION CONTROL BLANKET (1.22 ACRES)
- IDOT CLASS 4B SEED MIX & EROSION CONTROL BLANKET (0.20 ACRES)
- PERIMETER EROSION BARRIER
- INLET PROTECTION
- TREE PROTECTION FENCE

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK

ENGINEERING
RESOURCE ASSOCIATES

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PHONE (217) 351-6268
FAX (217) 355-1902

**NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS**

TITLE:

**PLANTING PLAN
STA. 125+00 TO STA. 131+50**

SCALE: 1"=20'
DATE: June, 2020
JOB NO: 191211
SHEET 23 OF 27

H:\Plainfield\191211 Normantown Trail Phase 2\CADD\06.21.24 191211 Normantown Trail-PR2.dwg Updated by: achalle 3/5/2025

NOT TO SCALE

NOT TO SCALE

SCALE

NOT TO SCALE

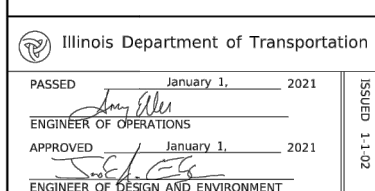
NOT TO SCALE

NOT TO SCALE

- NOTES:
1. FOLD DOWN BOLLARD SHALL BE 36" DOUBLE POST STEEL MODEL WITH DOUBLE LOCKS AND OPTIONAL PIN.
 2. INSTALL SO THAT BOLLARD LIES FLAT ON PAVEMENT WHEN UNLOCKED. OPEN BOLLARD TO BE FLUSH WITH PAVEMENT AND PARALLEL TO EDGES OF TRAIL.

NOT TO SCALE

TYPE C
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



(Elect 1 of 1)

All dimensions are in inches (millimeters unless otherwise shown).



* For standard and combination mast arm assemblies. Foundation depths for standard dual mast arms with the longest arm length up to and including 55' (16.8 m) shall be increased by 1' (0.3 m) of that shown in the table, based on the longer of the two arms.

These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Q_u) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.

(Sheet 2 of 2)

STANDARD 878001-11

SHEET 24 OF 27



AB-9400-40W

RAPID RECTULAGE FLASHING BEACONS



The AB-9400 Rectangular Flashing Beacons are among the most widely accepted solutions in the industry. With a proven track record of yield effectiveness, system reliability, and ease of installation, thousands of cities depend on the JSF Technologies line of RRFBs for improved pedestrian and vehicle traffic safety.



FEATURES & HIGHLIGHTS

- WP6 Wireless Signal & Lighting Controller
- High-Vis LED Optics with Amber or Red LEDs
- Compact, reliable, and durable design
- Available with Solar, Hybrid or AC Power
- Uni-directional marking

COMMON APPLICATIONS

- Pedestrian Crossings
- School Zones
- Playground Zones
- Parking Lots
- Advance Warning
- Construction Sites
- Custom Applications

SALES
Toll-Free 1 800 990 2454
Sales@jsftech.com

SUPPORT
Toll-Free 1 800 990 2454
Support@jsftech.com

ADDRESS
6582 Bryn Rd
Victoria, BC V8M 1X6



AB-9400-40W

RAPID RECTULAGE FLASHING BEACONS



SYSTEM OVERVIEW

Compliance	FINNA MUTCD Compliant
Standard Operation	Pedestrian Activated via push button or JSF remote transmitters
Flash Pattern Options	<ul style="list-style-type: none">MUTCDJSF StrobeSteady-OnCustom Flash Patterns Available
Activation Duration	Variable from 1 second to 99 days
Std. Operating Temperature	14°F to +165°F (-15°C to +74°C)
Extreme Temperature Upgrade Option	-40°F to +176°F (-40°C to +80°C)
System Voltage	12 VDC
SELF-CONTAINED 40 WATT SOLAR ENGINE	
Solar Panel	Solar Cell - Monocrystalline Silicon Rated Power (Pmp) 40 Watts Rated Voltage (Vmp) 18 VDC Rated Current (Imp) 2.2 Amps CE and TUV certified
Solar Angle	44° (Standard)
Standard Battery	2 x AGM 12V, 18 Ah - UL Recognized, field replaceable
Extreme Temperature Battery Option	2 x AGM 12V, 22 Ah - UL Recognized, field replaceable
Solar Engine Housing Material	AS052 Sheet Aluminum (Enclosure) 6061-T6 Aluminum (Mount)
Solar Engine Dimensions	20.075" x 15.25" x 4.5" (78.4 x 33.7 x 11.5cm)
POWER MANAGEMENT	
Rated Usage	300 cycles per day, 20 second activation
Automatic Light Control (ALC)	Various stages of brightness for different solar conditions and battery levels
SYSTEM PROTECTION	
Low Voltage Disconnect	9.5 VDC
Over Current Protection	1.8 Amp PTC auto-reset fuse
Self Monitoring	Visual notification of sub-optimal operation

SINGLE RRFB LIGHTBAR

Standard Followed	ITE V1CSH-STD 2005, SAE J495
RRFB Housing Material	AS052 Sheet Aluminum (Lightbar) 6061-T6 Aluminum (Mount)
LED Size	3" x 7" (76.2 x 177.8mm) x two per lightbar
Tell Tale LED Size	1" x 2" (25.5 x 51mm)
Housing Dimensions	24" x 3.0625" x 3.75" (61cm x 7.75cm x 9.5cm)
Std. LED Color Options	Amber or Red (custom colors available)
RRFB Mount	Universal Jaw Mount Telespar Jaw Mount Side Mount Bracket
WIRELESS SYSTEM COMMUNICATION	
Band of Operation	128k AES Encrypted Wireless Radio (915 MHz)
Compliance	FCC and IC Compliant
Range	Wireless Range of 2,000+ meters (6,560 ft) or further with clear line of sight
Time to Activation	Rapid Activation and RF Communication within 50-milliseconds
Network Addresses	64 unique addresses to avoid interference between multiple crosswalk locations
Synchronization	System-to-system Flash Synchronization
Compatibility	Can communicate with other AB units
SYSTEM OPTIONS	
LED & Solar Engine Housing Colors	Yellow, Black or Green (Custom colors available)
Mounting Options	Round Pole Collars: 2.5", 3.5", 5" and 6" Telespar Mount: 2" Square Wood Post Mount: 4" x 4", 6" x 6" Side Mount Bracket: 12", 18" and custom lengths available Custom Mounts Available

LIGHTBARS AND SOLAR ENGINE AVAILABLE WITH STANDARD COLOURS; YELLOW, BLACK, OR GREEN. CUSTOM COLOURS ARE AVAILABLE.



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SUPPORT
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AB-9400-40W

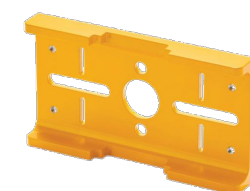
RAPID RECTULAGE FLASHING BEACONS



RRFB LIGHTBAR MOUNTING



UNIVERSAL JAW MOUNT



TELESPAR JAW MOUNT

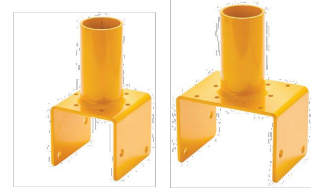


SIDE MOUNT BRACKET

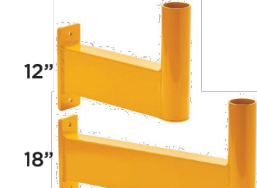
SOLAR ENGINE MOUNTING OPTIONS



ROUND POLE MOUNT



WOOD SADDLE MOUNT

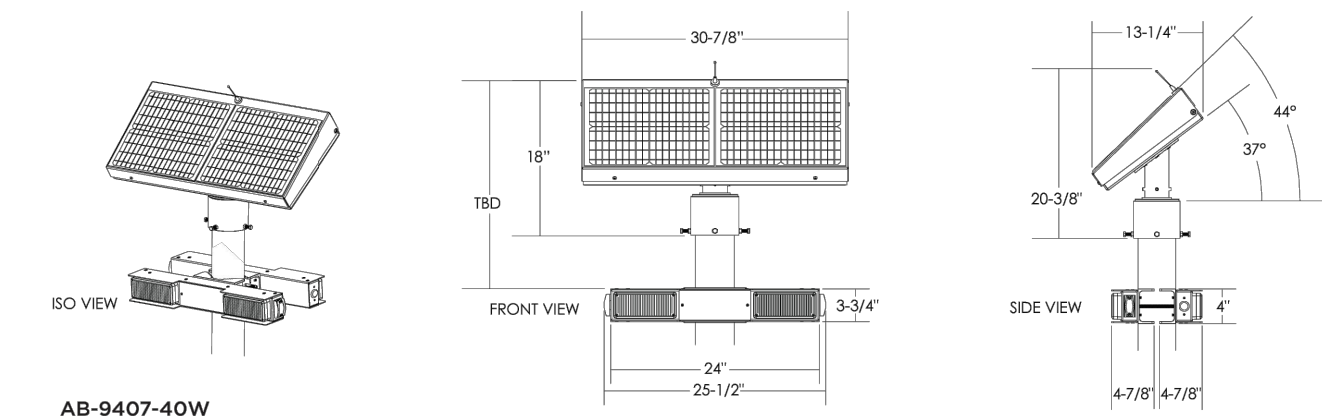


MOUNTING ARMS
(CUSTOM LENGTHS AVAILABLE)



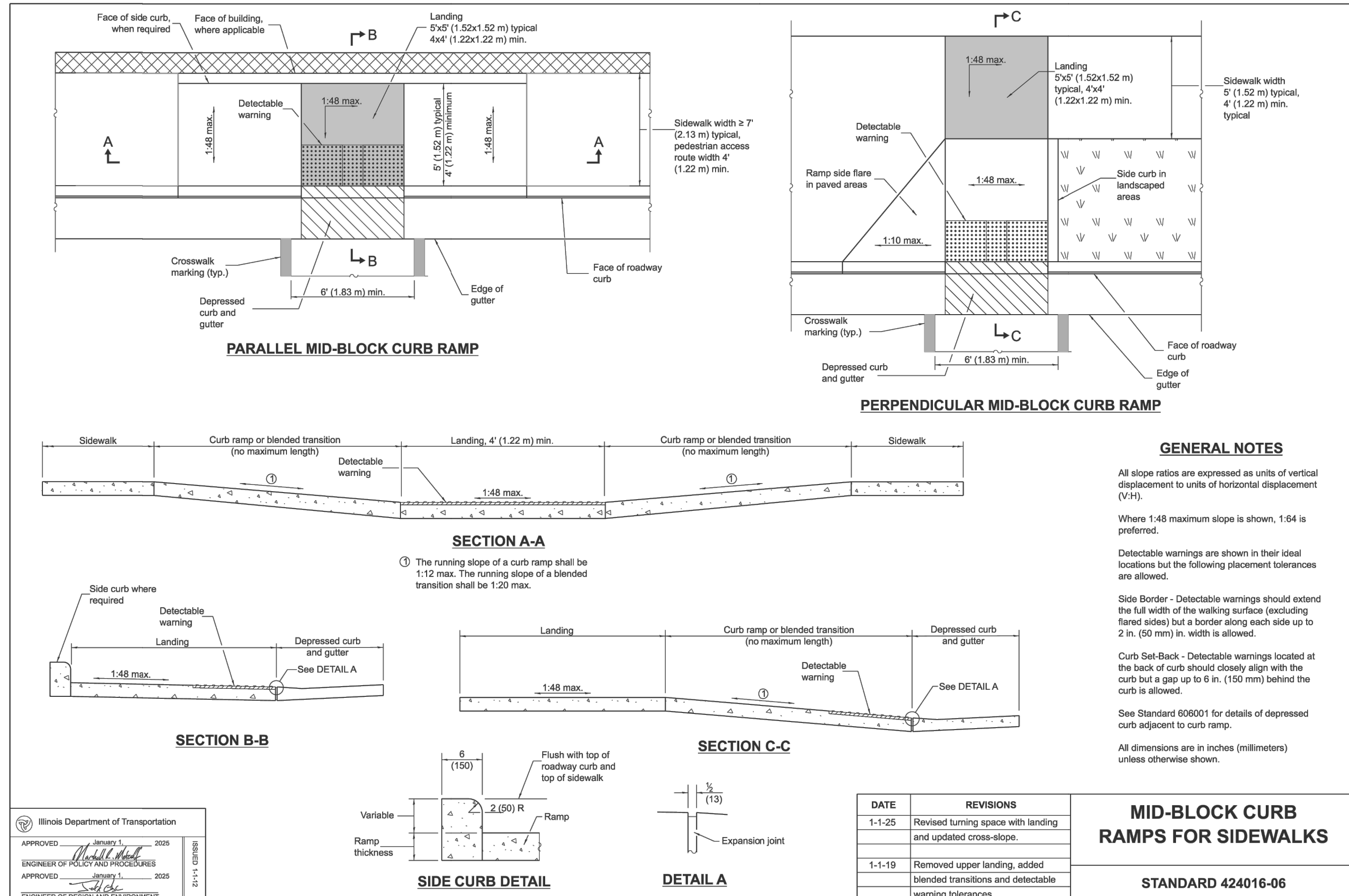
TELESPAR MOUNT

SYSTEM DRAWINGS



AB-9407-40W

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REVISIONS:				
DATE	BY	DESCRIPTION	DATE	BY

DRAWN BY: RT
CHECKED BY: AZ
APPROVED BY: AK



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**NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS**

TITLE:

DETAILS

SCALE: NONE
DATE: June, 2020
JOB NO: 191211
SHEET 25 **OF** 27

STORMWATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES. EROSION CONTROL TO BE APPLIED PER THE ILLINOIS URBAN MANUAL, LATEST EDITION.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GOOD COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITION.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS. SECTION 280. TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY

THE PROJECT CONSISTS OF THE CONSTRUCTION OF A BIKE PATHWAY AND ROAD CROSSING

THE PROJECT AREA IS LOCATED IN PLAINFIELD, ILLINOIS 000 THE EASTERN CORNER OF WRT 30 AND S NORMANTOWN ROAD.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTION OF THE CONSTRUCTION SITE:

- EROSION CONTROL SILT FENCING SHALL BE IN PLACE PRIOR TO EARTHWORK ACTIVITIES.
- AREAS TO BE DEMOLISHED SHALL BE REMOVED.
- SITE SHALL BE ROUGH GRADED
- UNDERGROUND UTILITY NETWORKS SHALL BE INSTALLED.
- SITE SHALL BE FINE-GRADED, WITH ALL PROPOSED BIKE PATH GRADED TO ROUGHLY 1-FOOT BELOW FINAL ELEVATION ON PLANS.
- IMPERVIOUS SURFACES SHALL BE INSTALLED.
- DISTURBED AREAS SHALL BE TOPSOILED & SEEDED.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 3.30 ACRES BY WHICH 3.30 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS, WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

- INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILITIES FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
- PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

THE SITE GENERALLY DRAINS TOWARD THE DUPAGE RIVER.

CONTROLS, EROSION CONTROLS AND SEDIMENT CONTROL:

- THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF NATURAL VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER.
 - (a.) AREAS OF EXISTING VEGETATION, WOOD AND GRASSLANDS, OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - (b.) DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
 - (c.) AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - (d.) A RECORD OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED MUST BE INCLUDED IN THE PLAN. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND MUST BE COMPLETED WITHIN 14 DAYS FROM THE INITIATION OF STABILIZATION.
- ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVER SEEDING CAN BE COMPLETED.
- THE SOIL AND WATER CONSERVATION DISTRICT IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE SWCD THE CONTRACTOR WILL IMPLEMENT THE PRACTICE IN A TIMELY MANNER.

EROSION CONTROL MAINTENANCE

- CLEAN, OR REMOVE AND REPLACE, THE INLET PROTECTION MEASURES AS SEDIMENT ACCUMULATES, THE FILTER BECOMES CLOGGED, AND/OR PERFORMANCE IS COMPROMISED. WHERE THERE IS EVIDENCE OF SEDIMENT ACCUMULATION ADJACENT TO THE INLET PROTECTION MEASURE, REMOVE THE DEPOSITED SEDIMENT BY THE END OF THE SAME BUSINESS DAY IN WHICH IT IS FOUND OR BY THE END OF THE FOLLOWING BUSINESS DAY IF REMOVAL BY THE SAME BUSINESS DAY IS NOT FEASIBLE.
- CORRECTIVE ACTION MUST BE TAKEN WHEN THE FOLLOWING ARE IDENTIFIED ON THE SITE: A STORMWATER CONTROL NEEDS REPAIR OR REPLACEMENT; A STORMWATER CONTROL NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT WAS NEVER INSTALLED OR WAS INSTALLED INCORRECTLY; DISCHARGES ARE CAUSING AN EXCEEDANCE OF APPLICABLE WATER QUALITY STANDARDS; OR A PROHIBITED DISCHARGE HAS OCCURRED. CORRECTIVE ACTIONS MUST BE COMPLETED AS SOON AS POSSIBLE AND DOCUMENTED WITHIN 7 DAYS IN AN INSPECTION REPORT OR REPORT OF NONCOMPLIANCE. IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN 7 CALENDAR DAYS, IT MUST BE DOCUMENTED IN THE RECORDS WHY IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN THE 7-DAY TIMEFRAME AND DOCUMENT THE SCHEDULE FOR INSTALLING THE STORMWATER CONTROL(S) AND MAKING IT OPERATIONAL AS SOON AS FEASIBLE AFTER THE 7-DAY TIMEFRAME. IF MAINTENANCE IS REQUIRED FOR THE SAME STORMWATER CONTROL AT THE SAME LOCATION THREE OR MORE TIMES, THE CONTROL MUST BE REPAIRED IN A MANNER THAT PREVENTS CONTINUED FAILURE TO THE EXTENT FEASIBLE, AND IT MUST BE DOCUMENTED THE CONDITION AND HOW IT WAS REPAIRED IN THE RECORDS. ALTERNATIVELY, IT MUST BE DOCUMENTED IN THE RECORDS WHY THE SPECIFIC REOCCURRENCE OF THIS SAME ISSUE SHOULD CONTINUE TO BE ADDRESSED AS A ROUTINE MAINTENANCE FIX.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

ENGINEER: JOHN MAYER, PE

DATE

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

- DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING, PARKING OF VEHICLES OF CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - (a.) WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
- (b.) AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER
 - (i.) PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - (ii.) TEMPORARILY SEED ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - (iii.) PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - (iv.) CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE, AT THE SAME TIME, PLACING PERMANENT EROSION CONTROL FINAL SHAPING TO THE SLOPES.
- (c.) EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN (7) DAYS.
- (d.) CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- (e.) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT WEEKLY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2-INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BIWEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
- (f.) SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION FOR EROSION CONTROL.
- (g.) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER, AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

- TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SODDED AND ESTABLISHED.
- ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MISCELLANEOUS:

- TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES, IF DIRECTED.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN, PRIOR TO THE APPROVAL AND USE OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

SOIL EROSION CONTROL:

1. SOIL EROSION CONTROL MUST CONFORM TO THE CITY ORDINANCE.
 2. CLEAN, OR REMOVE AND REPLACE, THE INLET PROTECTION MEASURES AS SEDIMENT ACCUMULATES, THE FILTER BECOMES CLOGGED, AND/OR PERFORMANCE IS COMPROMISED. WHERE THERE IS EVIDENCE OF SEDIMENT ACCUMULATION ADJACENT TO THE INLET PROTECTION MEASURE, REMOVE THE DEPOSITED SEDIMENT BY THE END OF THE SAME BUSINESS DAY IN WHICH IT IS FOUND OR BY THE END OF THE FOLLOWING BUSINESS DAY IF REMOVAL BY THE SAME BUSINESS DAY IS NOT FEASIBLE
- A. SPECIFICATIONS:
 - 1. A CONSTRUCTION ENTRANCE TO THE SITE SHALL BE INSTALLED AND STABILIZED PRIOR TO ANY WORK ON THE SITE. THE CONSTRUCTION ENTRANCE SHALL CONSIST OF 12" OF CRUSHED CONCRETE, 50 FEET IN LENGTH AND 24 FEET WIDE, AS SHOWN ON PLANS.
 2. ALL STOCK PILES ON THE SITE WHICH WILL NOT BE REDISTRIBUTED FOR A WEEK OR LONGER WILL BE SEEDED WITHIN SEVEN DAYS OF THE FORMATION OF THE STOCKPILE.
 3. SEEDING IN DISTRIBUTED AREAS OUTSIDE OF THE RIGHT-OF-WAYS WILL BE DONE WITH PERENNIAL RYE GRASS, 1/2 LB. PER 1,000 SF, IF IT IS LATER IN THE FALL AND A MORE RAPID GERMINATION IS REQUIRED, 1 LB OF OATS PER 1,000 S.F. CAN BE ADDED TO THE RYE GRASS.
 4. THE SEEDING AND MULCH WILL BE MAINTAINED AND REPAIRED WHEN NECESSARY UNTIL THE PROJECT IS COMPLETED.
 5. AGGREGATE BASE SHALL BE INSTALLED AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCE FOR ROADS TO PROVIDE REQUIRED STABILIZATION.
 6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL STRUCTURES.
 7. CONTRACTOR SHALL INSPECT EROSION CONTROL STRUCTURES WEEKLY OR AFTER ANY MAJOR STORMS OR AS DIRECTED BY THE CITY.
 8. ALL DESIGN AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AS CONTAINED IN THE IEPA/WPC/87-012 OR CURRENT EDITION AND THE ILLINOIS PROCEDURE AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL.
 9. DUST CONTROL AND CLEANING OF ROADWAYS AS REQUESTED BY THE CITY SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- B. INSTALLATION
 - 1. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - 2. NOTIFY PUBLIC WORKS DEPARTMENT AND THE CITY ENGINEERING DEPARTMENT 24 HOURS PRIOR TO INITIATING CONSTRUCTION.

SPILL PREVENTION AND CONTROL

1. VEHICLES AND EQUIPMENT ARE TO BE MAINTAINED OFF SITE. VEHICLES WITH LEAKING FLUIDS WILL NOT BE ALLOWED ON SITE. ALL VEHICLES AND EQUIPMENT ARE TO BE CHECKED FOR LEAKS, INCLUDING SUBCONTRACTOR VEHICLES. ANY VEHICLE LEFT OVER NIGHT SHALL HAVE A DRIP PAN PLACED UNDERNEATH IT.
2. HAZARDOUS MATERIAL (OIL FILERTS, PAINT, PETROLEUM PRODUCTS, ETC.) SHALL BE STORED IN STRUCTURALLY SOUND AND SEALED SHIPPING CONTAINERS WITHIN THE HAZARDOUS MATERIALS STORAGE AREA. HAZARDOUS MATERIALS AND WASTE SHALL BE STORED IN APPROPRIATE AND CLEARLY MARKED CONTAINERS. WASTE MATERIALS SHALL BE STORED SEPARATED FROM NONE WASTE MATERIALS. HAZARDOUS MATERIALS CANNOT BE DISPOSED OF IN THE ON-SITE DUMPSTER. HAZARDOUS MATERIALS WILL BE STORED IN ACCORDANCE WITH ALL FEDERAL AND MUNICIPAL REGULATIONS.
3. SPILL KITS ARE TO BE PROVIDED WITHIN THE MATERIAL STORAGE AND CONCRETE WASHOUT AREAS.
4. ALL SPILLS ARE TO BE CLEANED UP IMMEDIATELY UPON THEIR DISCOVERY. MATERIALS AND RAGS USED TO CLEAN SPILLS ARE TO BE REMOVED FROM THE SITE IMMEDIATELY AFTER THE SPILL IS CLEANED UP AND DISPOSED IN THE PROPER LOCATION. SPILLS LARGE ENOUGH TO CONTAMINATE ANY SURFACE WATER ARE TO BE REPORTED IMMEDIATELY.
5. MATERIAL SAFETY DATA SHEETS AND INVENTORY AS WELL AS EMERGENCY CONTACT INFORMATION ARE TO BE MAINTAINED ON SITE.

CONTRACTOR'S CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR 10) THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

GENERAL CONTRACTOR

SIGNATURE TITLE DATE
COMPANY

OWNER'S CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

OWNER

SIGNATURE TITLE DATE
COMPANY

DRAINAGE STATEMENT

WE HEREBY STATE THAT TO THE BEST OF OUR KNOWLEDGE AND BELIEF THE DRAINAGE OF SURFACE WATERS OF THIS PLAT WILL NOT BE CHANGED BY THE CONSTRUCTION OF THE IMPROVEMENTS OF THIS SUBDIVISION OR ANY PART THEREOF OR THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH THE SUBDIVIDER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE SUBDIVISION.

John F. Mayer
11/15/2024
JOHN F. MAYER
ILLINOIS REGISTERED PROF.ENG.NO. 062-047345

OWNER AND DEVELOPER:

BOB COLLINS

TITLE: DIRECTOR OF PLANNING

CORPORATION: PLAINFIELD PARK DISTRICT

CONSTRUCTION TIMELINE

1. SPRING 2025 – Install erosion control measures at locations as indicated on plans.
2. SPRING 2025 – Strip existing topsoil and stockpile.
3. SPRING 2025 – Provide silt fence or sediment trench around stockpile.
4. SPRING 2025 – Perform mess grading on site.
5. SUMMER 2025 – Construct pathways, playgrounds, and baseball park.
6. SUMMER 2025 – Perform landscaping and soil stabilization

INSPECTION REQUIREMENTS

- THE WEEKLY INSPECTIONS MUST INCLUDE AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. AREAS INACCESSIBLE DURING INSPECTIONS DUE TO FLOODING OR OTHER UNSAFE CONDITIONS SHALL BE INSPECTED WITHIN 72 HOURS OF BECOMING ACCESSIBLE.
- INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. WEEKLY INSPECTIONS MUST RECOMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.5 INCHES OR GREATER RAIN EVENT, OR A DISCHARGE DUE TO SNOWMELT OCCURS.
- DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION AND ALL AREAS WHERE STORMWATER TYPICALLY FLOWS WITHIN THE SITE SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. ALL LOCATIONS WHERE STABILIZATIONS MEASURES HAVE BEEN IMPLEMENTED SHALL BE OBSERVED TO ENSURE THAT THEY ARE STILL STABILIZED. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
- ANY MODIFICATIONS TO THE SWPPP BECAUSE OF AN INSPECTION REPORT MUST BE COMPLETED WITHIN 7 DAYS OF THE INSPECTION.
- A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE SWPPP, AND ACTIONS TAKEN IN ACCORDANCE WITH IV.D.4.B MUST BE MADE AND RETAINED AS PART OF THE SWPPP FOR AT LEAST THREE YEARS FROM THE DATE THAT THE PERMIT COVERAGE EXPIRES OR IS TERMINATED. ALL INSPECTION REPORTS MUST BE RETAINED AT THE CONSTRUCTION SITE. THE REPORT MUST BE SIGNED IN ACCORDANCE WITH PART VI.G OF THIS PERMIT. ANY FLOODING OR OTHER UNSAFE CONDITIONS THAT DELAY INSPECTIONS SHALL BE DOCUMENTED IN THE INSPECTION REPORT.
- ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY AS DEFINED IN PART VI.G.
- AFTER THE INITIAL CONTACT HAS BEEN MADE WITH THE APPROPRIATE AGENCY FIELD OPERATIONS SECTION OFFICE, ALL REPORTS OF NONCOMPLIANCE SHALL BE MAILED TO THE AGENCY AT THE ADDRESS PROVIDED IN THE PERMIT.
- MUST INCLUDE ALL TRIGGERING CONDITIONS FOR CORRECTIVE ACTIONS, AS WELL AS HOW THE ACTIONS WILL BE RECORDED, AND HOW TO DOCUMENT AND REPAIR CONTROLS REQUIRING MAINTENANCE THREE OR MORE TIMES.

PERMITTEE REQUIREMENTS

- THE PERMITTEE MUST NOTIFY THE APPROPRIATE AGENCY FIELD OPERATIONS SECTION OFFICE BY EMAIL AT: EPA.SVNONCOMP@ILLINOIS.GOV, TELEPHONE OR FAX (SEE ATTACHMENT A OF THE NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES). WITHIN 24 HOURS OF ANY INCIDENCE OF NONCOMPLIANCE FOR ANY VIOLATION OF THE SWPPP OBSERVED DURING ANY INSPECTION CONDUCTED, OR FOR VIOLATIONS OF ANY CONDITION OF THIS PERMIT. THE PERMITTEE SHALL COMPLETE AND SUBMIT WITHIN 5 DAYS AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR ANY VIOLATION OF THE SWPPP OBSERVED DURING ANY INSPECTION CONDUCTED, OR FOR VIOLATIONS OF ANY CONDITION OF THIS PERMIT. SUBMISSION SHALL BE ON FORMS PROVIDED BY THE AGENCY AND INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. CORRECTIVE ACTIONS MUST BE UNDERTAKEN IMMEDIATELY TO ADDRESS THE IDENTIFIED NON-COMPLIANCE ISSUE(S).
- THE PERMITTEE MUST RETAIN COPIES OF THE SWPPP, ALL NOTICES AND REPORTS REQUIRED BY THIS PERMIT, RECORDS OF ALL DATA USED TO COMPLETE THE NOI TO BE COVERED BY THIS PERMIT, AND THE AGENCY NOTICE OF PERMIT COVERAGE LETTER FOR AT LEAST THREE YEARS FROM THE DATE THAT THE PERMIT COVERAGE EXPIRES OR IS TERMINATED. THE PERMITTEE MUST RETAIN A COPY OF THE SWPPP AND ANY REVISIONS TO THE PLAN AS REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION. ANY MANUALS OR OTHER DOCUMENTS REFERENCED IN THE SWPPP SHALL ALSO BE RETAINED AT THE CONSTRUCTION SITE.

REVISIONS:					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN BY:		RT			
CHECKED BY:		AZ			
APPROVED BY:		AK			



35701 WEST AVENUE, SUITE 150
NARRENVILLE, ILLINOIS 60555
PHONE (630) 393-3060
FAX (630) 393-2152

10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

2416 GALEN DRIVE
CHAMPAIGN, ILLINOIS 61821
PHONE (217) 351-6268
FAX (217) 355-1902

NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:

EROSION CONTROL NOTES

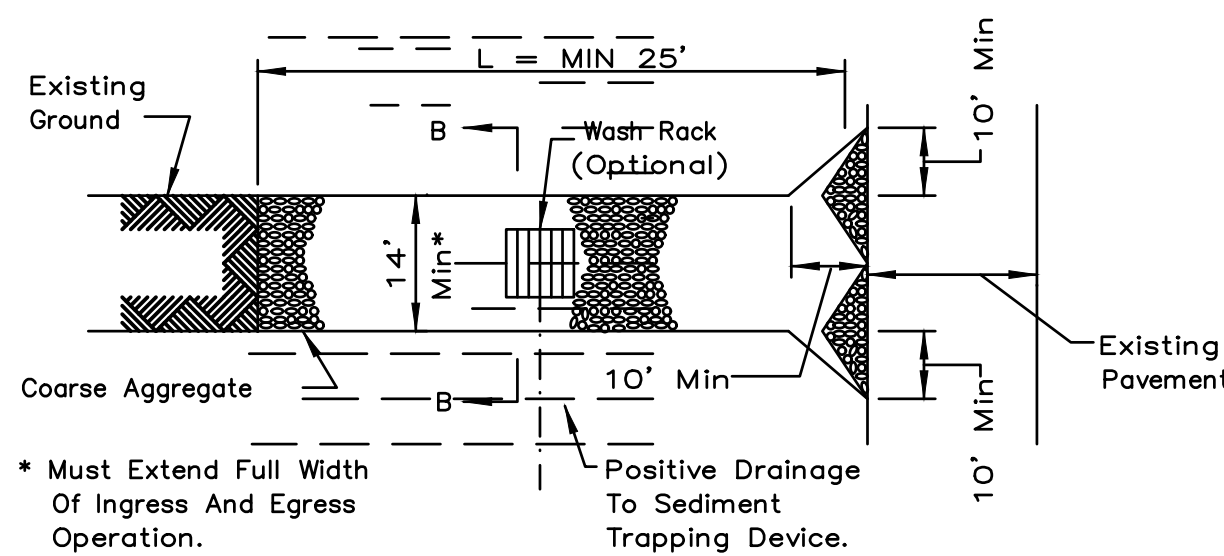
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DATE: June, 2020

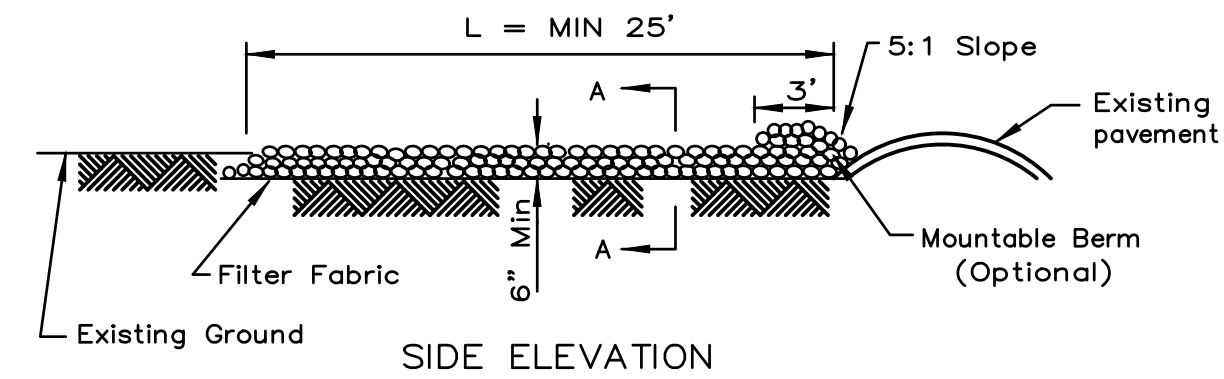
JOB NO: 191211

SHEET 26 of 27

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



SIDE ELEVATION

- NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I or II 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.

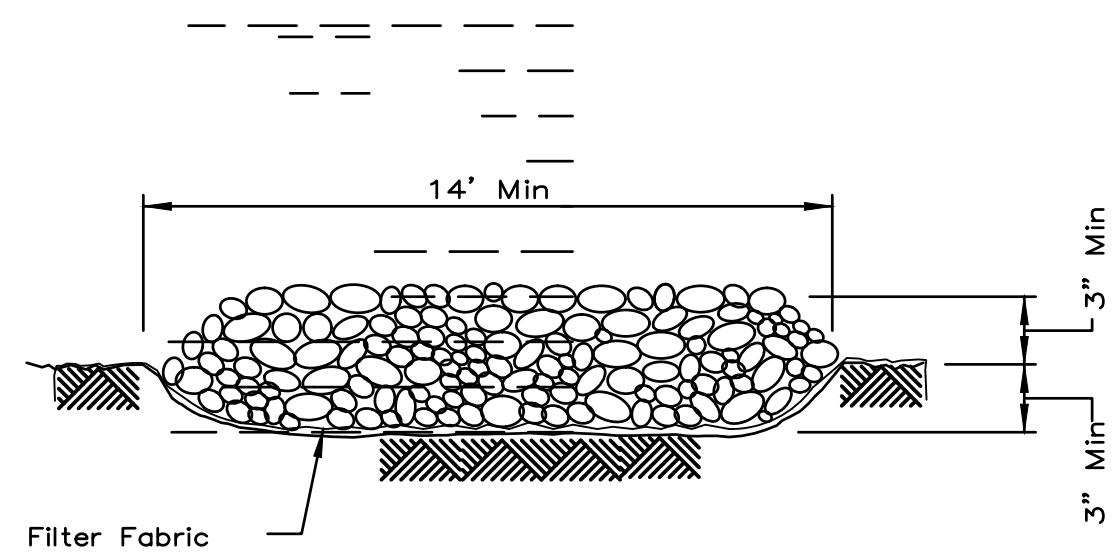
REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



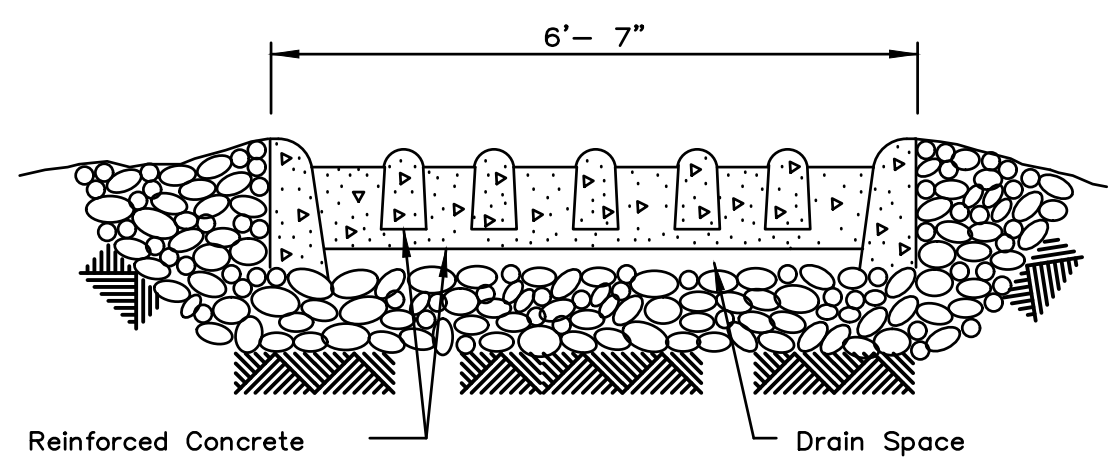
NRCS
Natural Resources Conservation Service

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

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

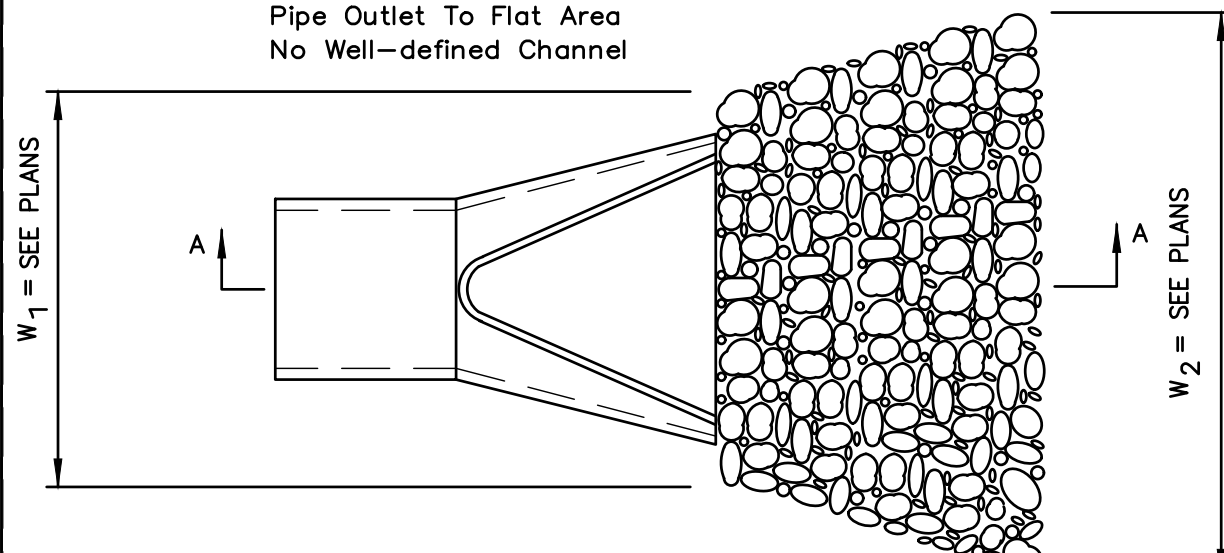
REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



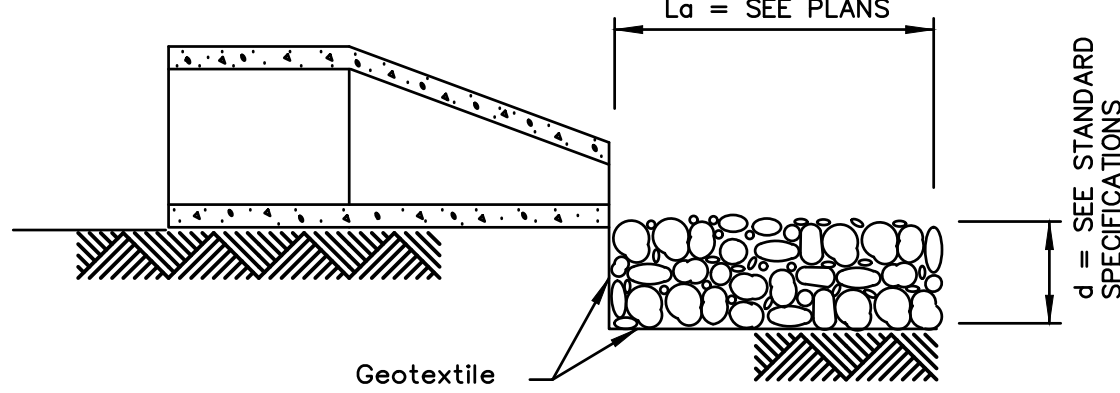
NRCS
Natural Resources Conservation Service

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

PIPE OUTLET TO FLAT AREA



PLAN



SECTION A-A

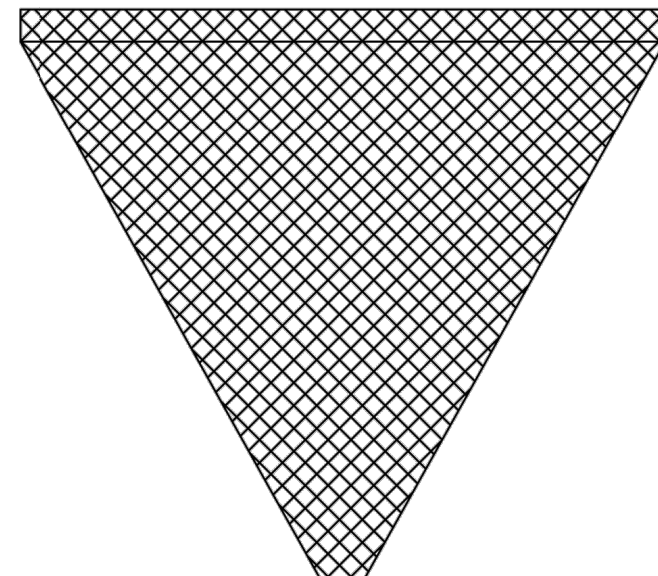
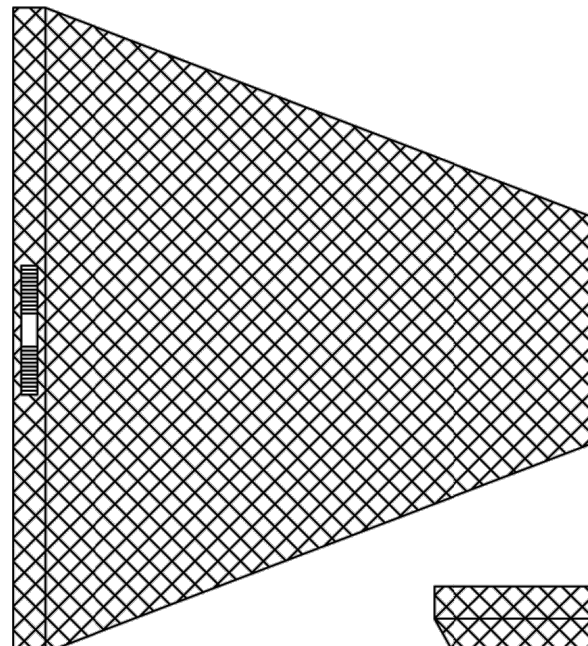
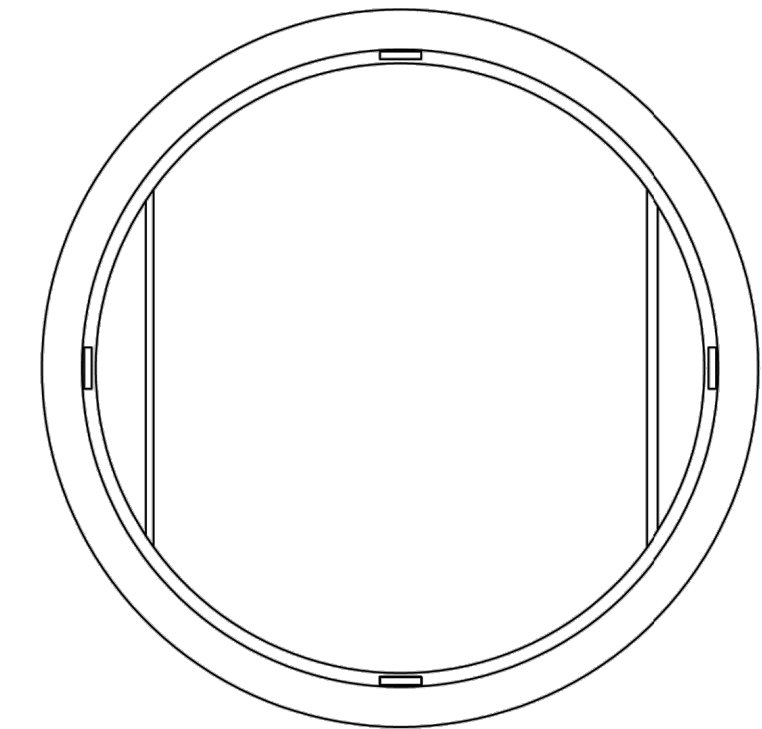
- NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
 2. The rock riprap shall meet the IDOT requirements for the gradation noted on the plans.

REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



NRCS
Natural Resources Conservation Service

STANDARD DWG. NO.	IL-610
SHEET	1 OF 1
DATE	9-15-93



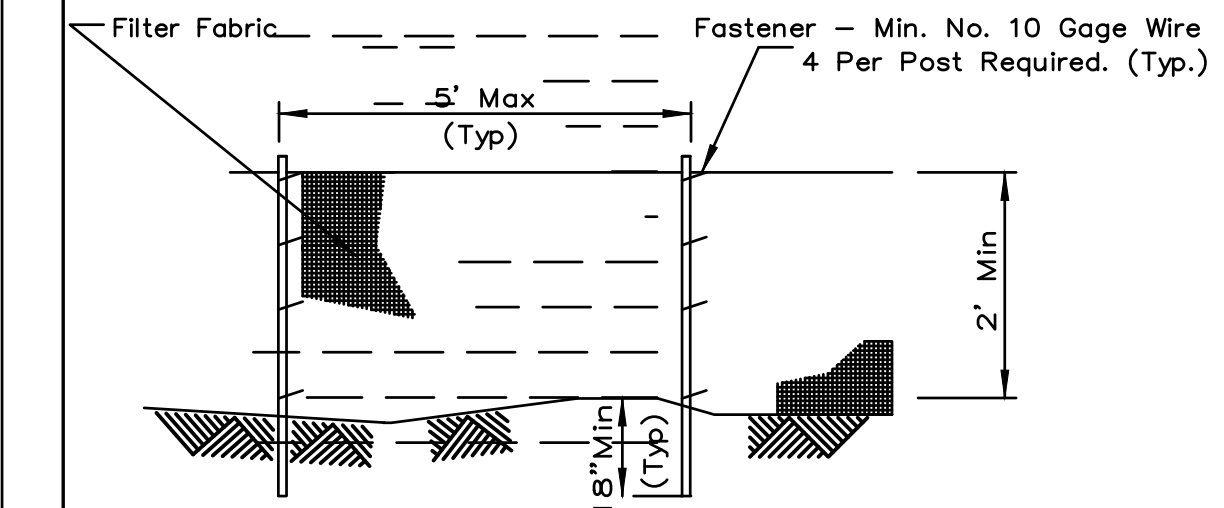
GENERAL NOTES:
FRAME: Top Flange fabricated from 1 1/2"x1 1/2"x1/8" angle. Base rim fabricated from 1 1/2"x1/2"x1/8" channel. Handles and suspension brackets fabricated from 1 1/2"x1/2" flat stock. All steel conforming to ASTM-A36.
SEDIMENT BAG: Bag fabricated from 4 oz./sqyd. non-woven polypropylene geotextile reinforced with polyester mesh. Bag secured to base rim with a stainless steel band and lock.

DATE	REVISIONS	
01-11-02	Original	

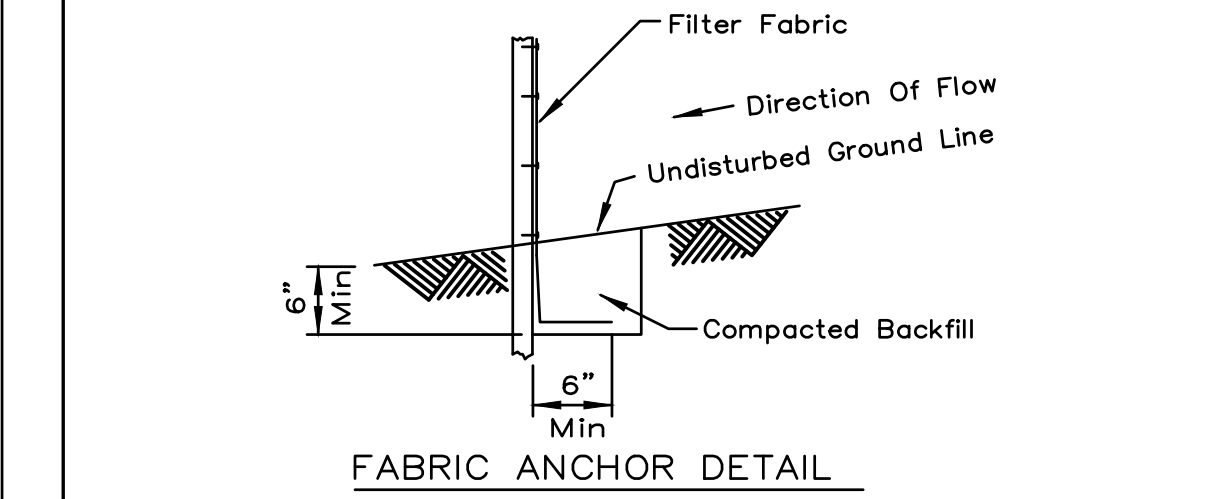
Typical Round Catch-All

Marathon Materials, Inc.

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 Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 40 for woven.
 3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

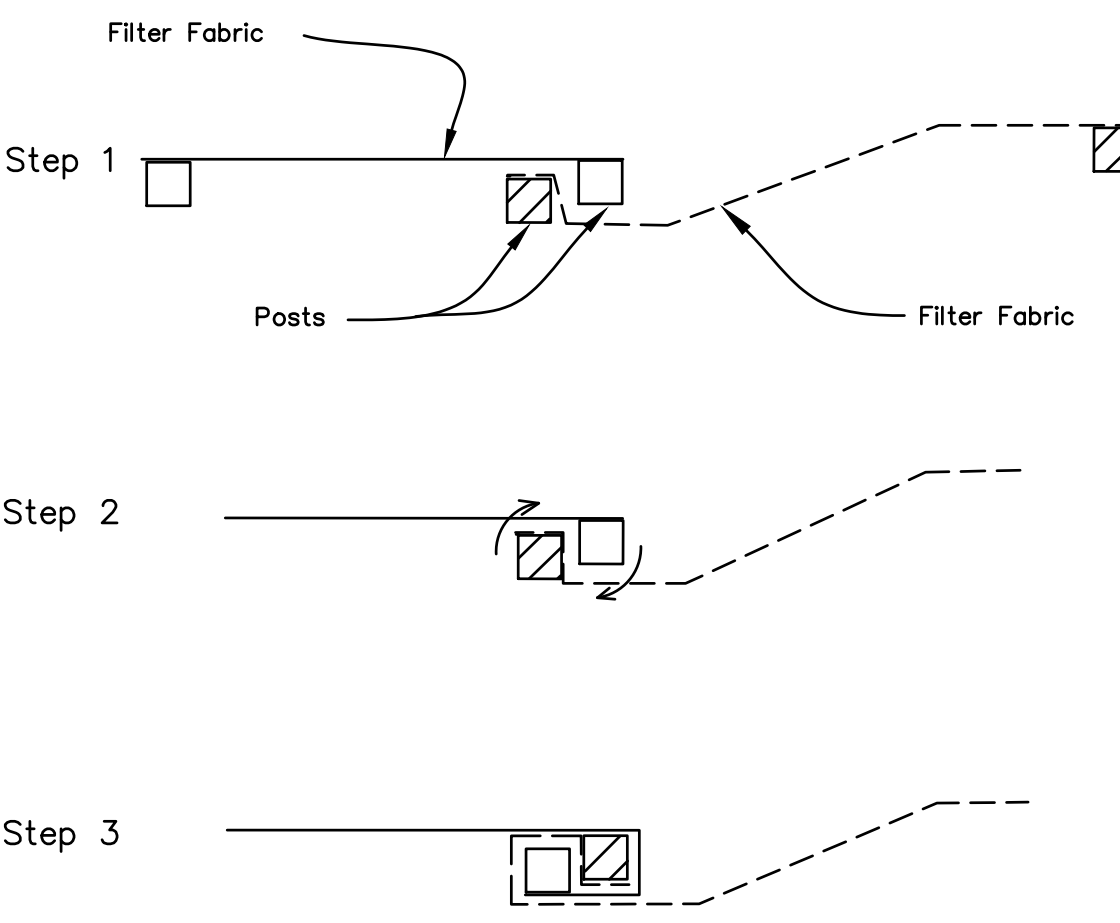
REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



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STANDARD DWG. NO.	IUM-620
SHEET	1 OF 1
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.

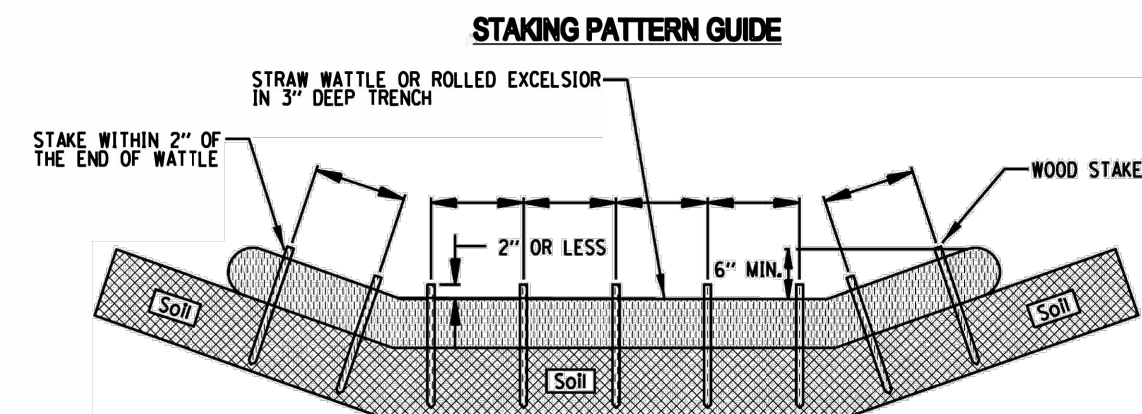
REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



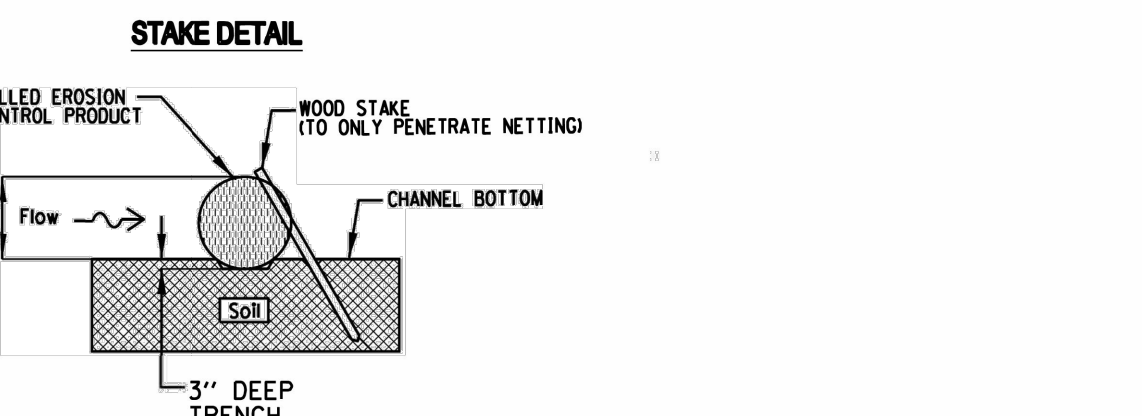
NRCS
Natural Resources Conservation Service

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

ROLLED EROSION CONTROL PRODUCTS



- NOTES:
1. OVERLAP MINIMUM IS THE DIAMETER OF THE ROLL.
 2. 4" SPACING FOR WATTLES.
 3. 2" SPACING FOR ROLLED EXCELSIOR.
 4. OR SPACE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.



- NOTES:
1. DRAWINGS ARE NOT TO SCALE.
 2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
 3. RECOMMENDED STAKES ARE 1 1/8" WIDE x 1 1/8" THICK x 30" LONG.
 4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
 5. SPACING THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

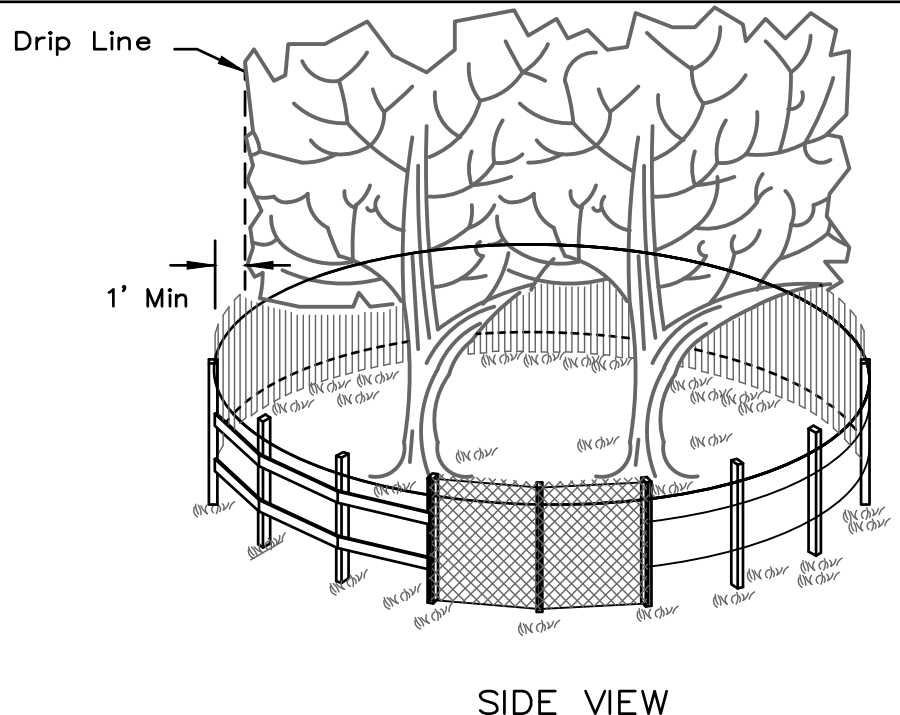
REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



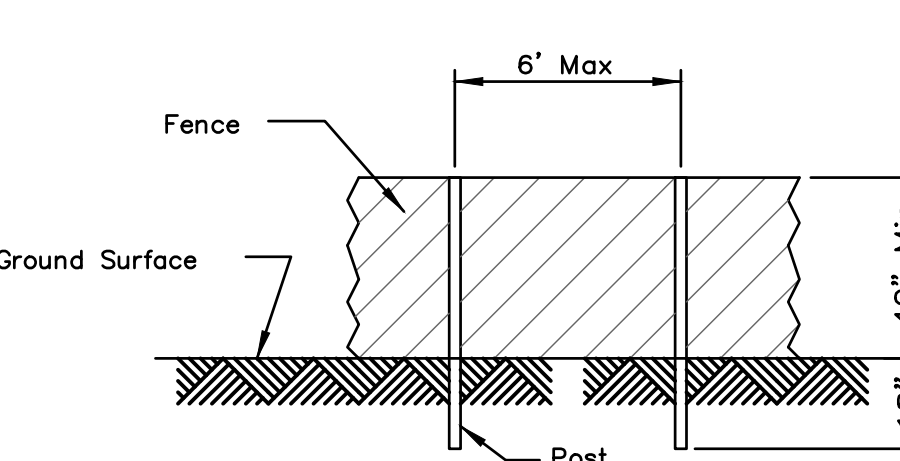
NRCS
Natural Resources Conservation Service

STANDARD DWG. NO.	IUM-514
SHEET	1 OF 1
DATE	08-2-2019

TREE PROTECTION - FENCING



SIDE VIEW



POST AND FENCE DETAIL

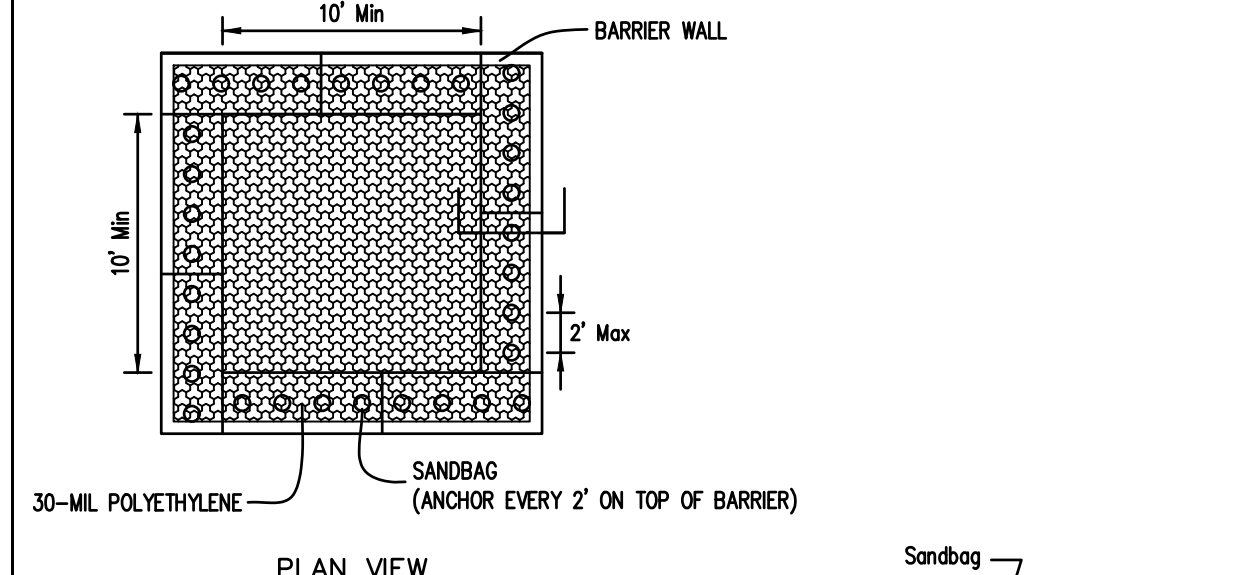
- NOTES:
1. The fence shall be located a minimum of 1 foot outside the drip line of the tree to be saved and in no case closer than 5 feet to the trunk of any tree.
 2. Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3.0 sq. in.
 3. The fence may be either 40" high snow fence, 40" plastic web fencing or any other material as approved by the engineer/inspector.

REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



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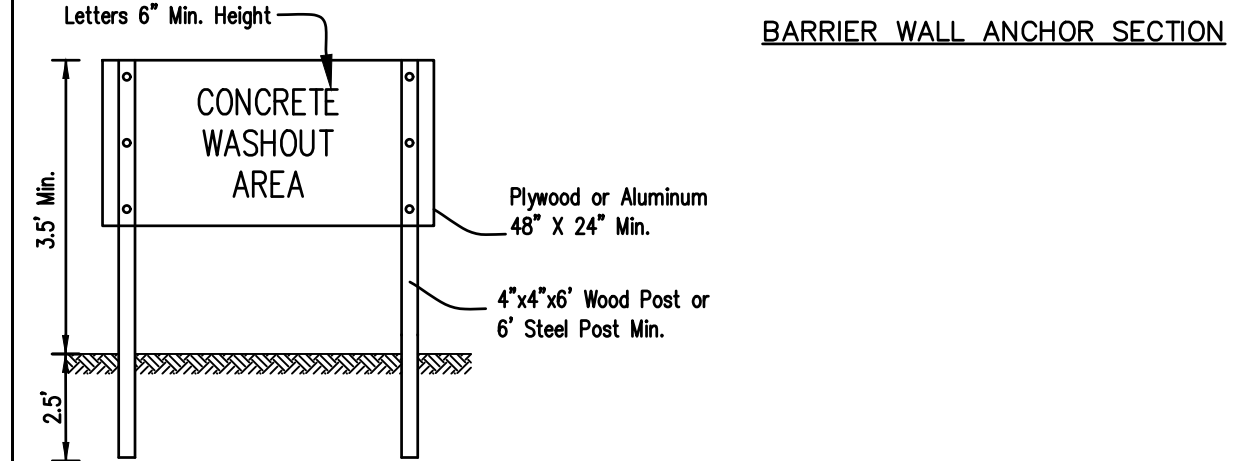
STANDARD DWG. NO.	IL-690
SHEET	1 OF 1
DATE	4-7-94



PLAN VIEW



BARRIER WALL ANCHOR SECTION



SIGN DETAIL

- NOTES:
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
 3. THE COST OF TEMPORARY CONCRETE WASHOUT SHALL BE INCLUDED IN THE COST OF ANY CONCRETE WORK IN THESE DOCUMENTS.

REFERENCE	Project	Designed	Checked	Approved	Date	Date	Date	Date



NRCS
Natural Resources Conservation Service

STANDARD DWG. NO.	IL-690
SHEET	1 OF 1
DATE	4-7-94

REVISIONS:	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

DRAWN BY:	RT
CHECKED BY:	AZ
APPROVED BY:	AK



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CHAMPAIGN, ILLINOIS 61821
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NORMANTOWN TRAIL PHASE 2
PLAINFIELD PARK DISTRICT
PLAINFIELD, ILLINOIS

TITLE:	EROSION CONTROL DETAILS
SCALE:	NONE
DATE:	June, 2020
JOB NO:	191211
SHEET	27 OF 27