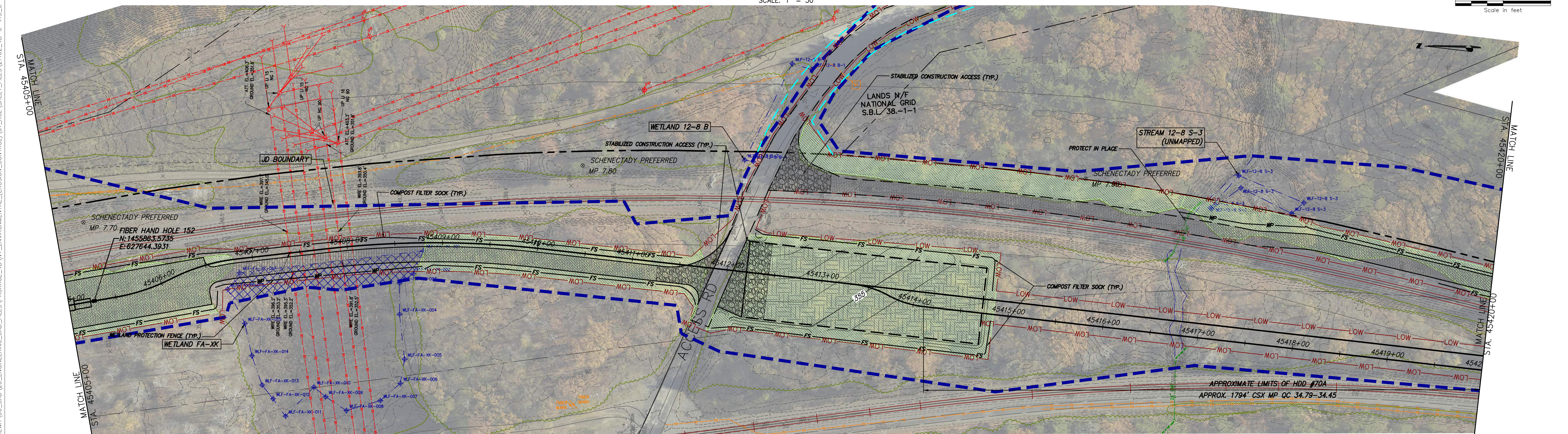


STA. 45390+00 TO STA. 45405+00 PLAN VIEW

SCALE: 1" = 50'

0 50 100  
Scale in feet

STA. 45405+00 TO STA. 45420+00 PLAN VIEW

SCALE: 1" = 50'

0 50 100  
Scale in feet

Engineering and  
Land Surveying, P.C.



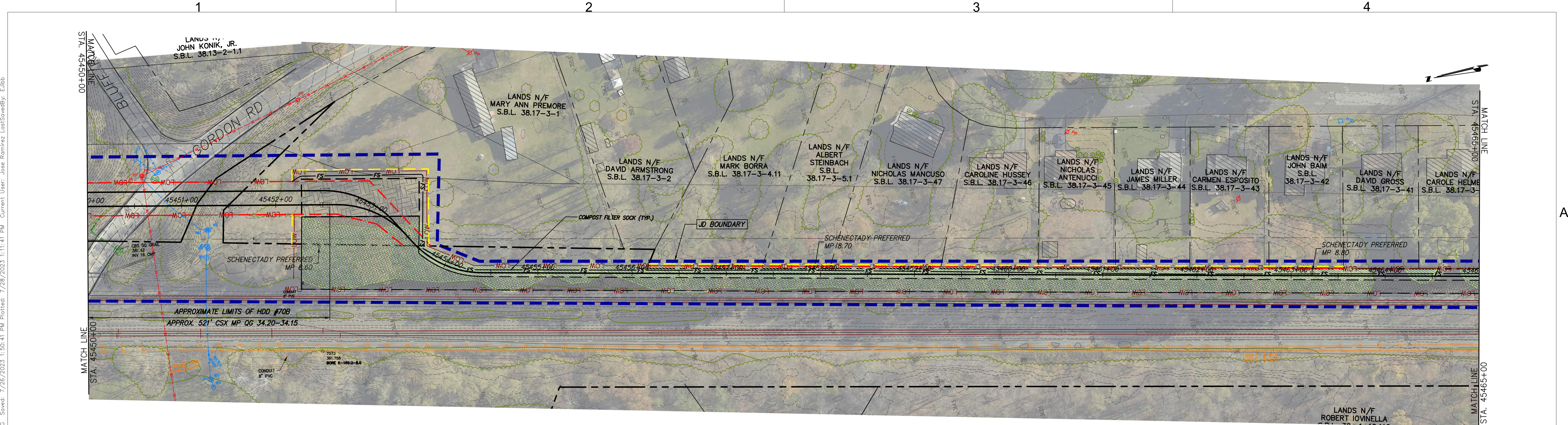
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN EROSION AND SEDIMENT CONTROL PLAN STA. 45390+00 TO STA. 45420+00				KIEWIT PROJECT NO. 21162		KC PROJECT NO. 120174		DRAWING NO. <b>C-414</b>	
0	07/26/2023	ISSUED FOR CONSTRUCTION SUBMISSION	BL	SL	SCALE AS NOTED		DATE 07/26/2023		OF
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY:	DESIGNED BY:	APPROVED BY:	REV. NO.	
					BL	BL	SL		

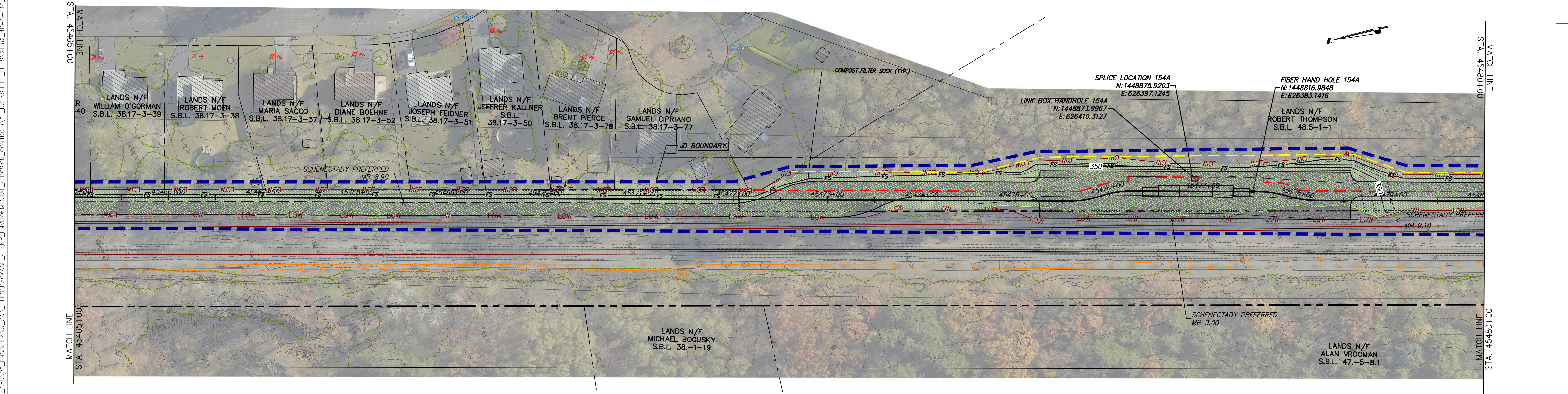








STA. 45450+00 TO STA. 45465+00 PLAN VIEW  
SCALE: 1" = 50'



STA. 45465+00 TO STA. 45480+00 PLAN VIEW  
SCALE: 1" = 50'







DESIGN SEGMENT 7 PACKAGE 4B WORK ZONE TRAFFIC CONTROL MAIN STAGES								
MAIN STAGE	STA. START	STA. END	ROUTE(S)	POSTED SPEED (MPH)	CLOSURE TYPE	PLAN SHEET	TRAFFIC COUNTS (AADT)	WORK NOTES
1	45000+00	45000+83	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
2	45000+83	45009+55	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #62)
3	45009+55	45013+73	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
4	45013+73	45014+92	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 139
5	45014+92	45019+84	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
6	45019+84	45027+09	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #62A)
7	45027+09	45042+44	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
8	45042+44	45043+64	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 140
9	45043+64	45052+36	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
10	45052+36	45064+66	RONALD REAGAN WAY	30	WORK BEYOND ROAD	C-504	2457 (2019)	HORIZONTAL DIRECTIONAL DRILLING (HDD #63)
11	45064+66	45066+61	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
12	45066+61	45069+40	RONALD REAGAN WAY / COUNTY ROAD 29 (MAPLE AVE)		WORK BEYOND ROAD	C-504	2457 (2019) 12076 (2019)	SPlice BOX INSTALLATION 141
13	45069+40	45084+94	COUNTY ROAD 29 (MAPLE AVE)	40	LANE CLOSURE WITH ALTERNATING ONE WAY TRAFFIC	C-504	12076 (2019)	TRENCHING & CONDUIT INSTALLATION
14	45084+94	45088+30	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
15	45088+30	45089+49	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 142
16	45089+49	45098+70	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
17	45098+70	45112+07	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #64)
18	45112+07	45118+87	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
19	45118+87	45120+06	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 143
20	45120+06	45125+47	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
21	45125+47	45125+65	CSX R.O.W. / EASEMENT		PRIVATE CROSSING			TRENCHING & CONDUIT INSTALLATION
22	45125+65	45130+04	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
23	45130+04	45130+37	FREEMANS BRIDGE RD	40	LANE CLOSURE WITH ALTERNATING ONE WAY TRAFFIC	C-506 C-507	12163 (2019)	TRENCHING & CONDUIT INSTALLATION
24	45130+37	45139+73	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
25	45139+73	45149+08	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #64A)
26	45149+08	45150+92	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
27	45150+92	45152+11	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 144
28	45152+11	45169+21	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
29	45169+21	45170+41	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 145
30	45170+41	45172+65	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
31	45172+65	45198+56	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #65A)
32	45198+56	45200+70	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
33	45200+70	45203+52	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 145A
34	45203+52	45204+09	VLEY RD	30	LANE CLOSURE WITH ALTERNATING ONE WAY TRAFFIC	C-508 C-509	3707 (2019)	TRENCHING & CONDUIT INSTALLATION
35	45204+09	45208+80	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
36	45208+80	45228+88	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 146
37	45208+99	45228+88	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
38	45228+88	45238+60	NYS RTE 147 (SACANDAGA RD)	40	WORK BEYOND ROAD	C-504	7588 (2019)	HORIZONTAL DIRECTIONAL DRILLING (HDD #66)
39	45238+60	45240+14	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
40	45240+14	45241+34	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 147
41	45241+34	45248+65	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
42	45248+65	45248+82	CSX R.O.W. / EASEMENT	N/A	(SCOTIA SAND AND GRAVEL) PRIVATE CROSSING			TRENCHING & CONDUIT INSTALLATION
43	45248+82	45272+57	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
44	45272+57	45273+76	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 148
45	45273+76	45280+03	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
46	45280+03	45286+85	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #67)
47	45286+85	45303+99	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
48	45303+99	45305+18	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 149
49	45305+18	45314+14	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
50	45314+14	45333+09	I-890 WB EXIT RAMP TO RTE 5	30	SHOULDER CLOSURE	C-510		HORIZONTAL DIRECTIONAL DRILLING (HDD #68)
51	45333+09	45334+67	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
52	45334+67	45335+86	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 150
53	45335+86	45337+09	STATE HWY 890	55	WORK BEYOND ROAD	C-504	18653 (2019)	TRENCHING & CONDUIT INSTALLATION
54	45337+09	45359+19	STATE HWY 890	55	WORK BEYOND ROAD	C-504	18653 (2019)	HORIZONTAL DIRECTIONAL DRILLING (HDD #69)
55	45359+19	45362+44	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
56	45362+44	45363+63	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 151
57	45363+63	45371+83	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
58	45371+83	45373+02	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 151A
59	45373+02	45375+60	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
60	45375+60	45398+89	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #69A)
61	45398+89	45404+19	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
62	45404+19	45405+47	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 152
63	45405+47	45414+34	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
64	45414+34	45432+05	CSX R.O.W. / EASEMENT					HORIZONTAL DIRECTIONAL DRILLING (HDD #70A)
65	45432+05	45436+33	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
66	45436+33	45437+52	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 153
67	45437+52	45444+46	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
68	45444+46	45445+65	CSX R.O.W. / EASEMENT					SPlice BOX INSTALLATION 154
69	45445+65	45446+53	CSX R.O.W. / EASEMENT					TRENCHING & CONDUIT INSTALLATION
70	45446+53	45452+52	COUNTY ROAD 56 (GORDON RD)	30	WORK BEYOND ROAD	C-504	408 (2019)	HORIZONTAL DIRECTIONAL DRILLING (HDD #70B)

NOTES:

1. ALL TRAFFIC CONTROL AND WORK AREA PROTECTIONS DEVICES SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS, LATEST EDITION, EXCEPT AS NOTED.
2. ALL TEMPORARY TRAFFIC CONTROL AND WORK AREA PROTECTION DEVICES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE CONTRACT DRAWINGS AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING WORK.
3. ALL MAINTENANCE AND PROTECTIONS OF TRAFFIC WORK SHALL CONFORM TO THE CONTRACT DRAWINGS. MAINTENANCE AND PROTECTION OF TRAFFIC SCHEMES SHOWN ON THE CONTRACT DRAWINGS SHALL NOT BE CHANGED BY THE CONTRACTOR WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.
4. THE TEMPORARY MAINTENANCE OF TRAFFIC AND WORK AREA PROTECTION DEVICE LOCATIONS SHOWN ON THE CONTRACT DRAWINGS ARE SCHEMATIC EXCEPT AS NOTED. LOCATION OF TRAFFIC CONTROL DEVICES MAY BE MODIFIED TO MEET FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
5. ALL CLOSURES SHALL BE COORDINATED WITH THE ENGINEER. A SCHEDULE OF WORK SHALL BE SUBMITTED AT LEAST TWO WEEKS IN ADVANCE FOR APPROVAL BY THE ENGINEER.
6. THERE MAY BE ONGOING CONSTRUCTION CONTRACTS WITHIN THE VICINITY OF THE WORK AREA. DO NOT MOVE, MODIFY, OR RELOCATE ANY ITEM ASSOCIATED WITH THESE CONTRACTS WITHOUT PROPER APPROVAL OF AND COORDINATION WITH THE ENGINEER.
7. PERFORM WORK IN SUCH A MANNER AND SEQUENCE AS TO INTERFERE AS LITTLE AS POSSIBLE WITH THE PASSAGE OF VEHICLES, PEDESTRIANS, AND OTHER KINDS OF PUBLIC TRAFFIC.
8. ALL TEMPORARY MAINTENANCE OF TRAFFIC AND WORK AREA PROTECTION SIGN SUPPORTS AND MOUNTING SHALL BE IN CONFORMANCE WITH NYSDOT STANDARD SHEETS AND STANDARD SPECIFICATIONS.
9. ALL CONSTRUCTION SIGNS SHALL BE COVERED WITH THICK PLASTIC WHEN THE WORK THEY ARE INTENDED FOR IS NOT IN PROGRESS.
10. ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF THE WORK TO WHICH THEY APPLY, AND SHALL BE MAINTAINED BY THE CONTRACTOR THEREAFTER. THE DEVICES SHALL REMAIN IN PLACE AS LONG AS THEY ARE APPLICABLE.
11. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED AT ANY LOCATIONS WHERE THEY MAY OBSCURE OR INTERFERE WITH THE MOTORIST VIEW OF APPROACHING, MERGING, OR INTERSECTING TRAFFIC; OBSTRUCT OTHER TEMPORARY OR PERMANENT TRAFFIC CONTROL DEVICES WHICH ARE STILL APPLICABLE TO ROADWAY CONDITIONS; MISLEAD OR MISDIRECT MOTORISTS, OR ARE BLOCKED BY OTHER TEMPORARY OR PERMANENT OBJECTS.
12. ALL EXISTING ROADWAY ITEMS SUCH AS GUIDE RAILS, PAVEMENT MARKINGS, CURBS, SIGNALS AND SIGNS DAMAGED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST.
13. TRAFFIC LANES AND OTHER AREAS CLOSED BY THE CONTRACTOR DURING PERMITTED WORK HOURS SHALL BE CLEARED OF ALL MATERIAL, EQUIPMENT, AND DEBRIS, AND SAFELY REOPENED TO TRAFFIC BY THE END OF THE WORK PERIOD UNLESS OTHERWISE INDICATED ON THE CONTRACT DRAWINGS.
14. IF THE CONTRACTOR REQUIRES A LANE CLOSURE TO PERFORM OPERATIONS, THEY MAY DO SO WITH THE APPROVAL OF THE ENGINEER. ANY LANE CLOSURES WILL BE SHORT TERM AND IN ACCORDANCE WITH NYS STANDARD SHEETS UNLESS OTHERWISE SHOWN IN CONTRACT PLANS.
15. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
16. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 20' IN THE ACTIVE WORK SPACE.
17. ALL OPEN TRENCH EXCAVATIONS SHALL BE BACKFILLED OR PLATED AT THE END OF EACH WORK DAY, OR AS DIRECTED BY THE ENGINEER.
18. PRIOR TO COMMENCING ANY WORK, THE CONTRACTOR SHALL COORDINATE WITH CSX RAILROAD FOR RAILROAD FLAGGING FOR ALL WORK IN THE VICINITY OF ANY RAILROAD GRADE CROSSING AND WHENEVER WITHIN THE RAILROAD ROW.
19. ALL ADDITIONAL TEMPORARY SIGNAGE, NOT COVERED IN FHWA MUTCD, SHALL COMPLY WITH NYS SUPPLEMENT TO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
20. DURING NON-WORK HOURS, LEAVE DRUMS AND TCB IN PLACE, OR AS DIRECTED BY THE ENGINEER.
21. DURING WINTER MORATORIUM, COVER EXCAVATION WITH TEMPORARY ASPHALT AND OPEN ALL LANES TO TRAFFIC.

22. THE WZTC DETAILS CONTAINED IN THE CONTRACT PLANS SUPPLEMENT THE CURRENT NYSDOT STANDARD SHEETS. REFERENCE SHALL BE MADE TO THE APPLICABLE NYSDOT STANDARD SHEETS FOR ALL NOTES AND TABLES. THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY NYSDOT SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S) UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
23. MAINTAIN SAFE AND ADEQUATE ACCESS FOR INTERSECTING ROADWAYS, HOMES, AND BUSINESSES, AT ALL TIMES, TO THE SATISFACTION OF THE ENGINEER.
24. ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. UNLESS OTHER AGREEMENTS SUITABLE TO THE PROPERTY OWNERS CAN BE MADE, PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL DRIVEWAYS AT ALL TIMES WHEN A FACILITY IS IN USE. FOR MULTIPLE ACCESS PROPERTIES, ONLY ONE DRIVEWAY MAY BE CLOSED AT ANY ONE TIME. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE, OR AS DIRECTED BY THE ENGINEER.
25. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THE FOLLOWING HOLIDAY WORK RESTRICTIONS ARE APPLICABLE TO THIS PROJECT. DURING THESE HOLIDAY PERIODS, THE CONTRACTOR WILL NOT BE ALLOWED TO PERFORM ANY WORK THAT WILL BE DISRUPTIVE TO TRAFFIC, INCLUDING BUT NOT LIMITED TO LANE CLOSURES. LANE CLOSURES WILL NOT BE PERMITTED DURING THE FOLLOWING STATE RECOGNIZED HOLIDAYS:

1) LABOR DAY

2) THANKSGIVING DAY

3) CHRISTMAS DAY

4) NEW YEAR'S DAY

5) MEMORIAL DAY

6) INDEPENDENCE DAY

7) LABOR DAY

8) THANKSGIVING DAY

9) CHRISTMAS DAY

10) NEW YEAR'S DAY

11) MEMORIAL DAY

12) INDEPENDENCE DAY

13) LABOR DAY

14) THANKSGIVING DAY

15) CHRISTMAS DAY

— MONDAY, SEPTEMBER 4, 2023

— THURSDAY, NOVEMBER 23, 2023

— MONDAY, DECEMBER 25, 2023

— MONDAY, JANUARY 1, 2024

— MONDAY, MAY 27, 2024

— THURSDAY, JULY 4, 2024

— MONDAY, SEPTEMBER 2, 2024

— THURSDAY, NOVEMBER 28, 2024

— WEDNESDAY, DECEMBER 25, 2024

— WEDNESDAY, JANUARY 1, 2025

— MONDAY, MAY 26, 2025

— FRIDAY, JULY 4, 2025

— MONDAY, SEPTEMBER 1, 2025

— THURSDAY, NOVEMBER 27, 2025

— THURSDAY, DECEMBER 25, 2025
26. LANE CLOSURES SHALL BE SUSPENDED AS FOLLOWS:

— BEGINNING 6AM, FRIDAY SEPTEMBER 1, 2023 AND ENDING 6AM, TUESDAY SEPTEMBER 5, 2023

— BEGINNING 6AM, WEDNESDAY NOVEMBER 22, 2023 AND ENDING 6AM, MONDAY NOVEMBER 27, 2023

— BEGINNING 6AM, FRIDAY DECEMBER 22, 2023 AND ENDING 6AM, TUESDAY DECEMBER 26, 2023

— BEGINNING 6AM, SUNDAY DECEMBER 30, 2023 AND ENDING 6AM, WEDNESDAY JANUARY 3, 2024

— BEGINNING 6AM, FRIDAY MAY 24, 2024 AND ENDING 6AM, TUESDAY MAY 28, 2024

— BEGINNING 6AM, MONDAY JULY 1, 2024 AND ENDING 6AM, FRIDAY JULY 5, 2024

— BEGINNING 6AM, FRIDAY AUGUST 30, 2024 AND ENDING 6AM, TUESDAY SEPTEMBER 3, 2024

— BEGINNING 6AM, WEDNESDAY NOVEMBER 27, 2024 AND ENDING 6AM, MONDAY DECEMBER 2, 2024

— BEGINNING 6AM, FRIDAY DECEMBER 20, 2024 AND ENDING 6AM, THURSDAY DECEMBER 26, 2024

— BEGINNING 6AM, TUESDAY DECEMBER 30, 2024 AND ENDING 6AM, FRIDAY JANUARY 3, 2025

— BEGINNING 6AM, FRIDAY MAY 23, 2025 AND ENDING 6AM, TUESDAY MAY 27, 2025

— BEGINNING 6AM, THURSDAY JULY 3, 2025 AND ENDING 6AM, MONDAY JULY 7, 2025

— BEGINNING 6AM, FRIDAY AUGUST 29, 2025 AND ENDING 6AM, TUESDAY SEPTEMBER 2, 2025

— BEGINNING 6AM, WEDNESDAY NOVEMBER 26, 2025 AND ENDING 6AM, MONDAY DECEMBER 1, 2025

— BEGINNING 6AM, WEDNESDAY DECEMBER 24, 2025 AND ENDING 6AM, MONDAY DECEMBER 29, 2025

27. DURING WINTER STORM EVENTS, NO WORK WITHIN THE ROAD RIGHT-OF-WAY IS PERMITTED TO ALLOW FOR SNOW REMOVAL, PLOWING ACTIVITIES.
28. ANY EARTHWORK DONE BETWEEN NOVEMBER 1ST AND APRIL 1ST MUST CONFORM TO NYSDOT STANDARD SPECIFICATION SECTION 203–1.01 P.
29. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, A SUPPLEMENTAL DISTANCE PLAQUE (W7–3o) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21–5).
30. THE ROAD WORK NEXT XX MILES SIGN (G20–1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20–1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.

ABBREVIATIONS

AADT	AVERAGE ANNUAL DAILY TRAFFIC
CR	COUNTY ROUTE
DHV	DIRECTIONAL HOURLY VOLUME
FASU	FLASHING ARROW SIGN UNIT
FHWA	FEDERAL HIGHWAY ADMINISTRATION
M.P.	MILE POST
MAX.	MAXIMUM
MIN.	MINIMUM
MPH	MILES PER HOUR
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NYS	NEW YORK STATE
NYSDOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION
RTE	ROUTE
TCB	TEMPORARY CONCRETE BARRIER
STA.	STATION

LEGEND

	TEMPORARY SIGN
	CHANGEABLE MESSAGE SIGN (Pvms)
	WORK ZONE
	CHANNELIZING DEVICE
	TCB (UNPINNED)
	FLAGGER
	FLAG TREE
	24,000 LB PROTECTIVE VEHICLE WITH TRUCK/TRAILER MOUNTED ATTENUATOR (TMA)
	ARROW PANEL
	ARROW PANEL (CAUTION MODE)
	TYPE III BARRICADE
	ARROW PANEL TRAILER OR SUPPORT
	WARNING LIGHT ON SIGN
	TEMPORARY TRAFFIC FLOW ARROW
	TEMPORARY IMPACT ATTENUATOR

CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
WORK ZONE TRAFFIC CONTROL NOTES  
LEGEND AND ABBREVIATIONS

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-501
DATE	07/26/2023
SH.NO.	OF



File: P:\120174-CHPE\_CABLE\_INSTALL-KIEWIT\60\_CAD\20\_ENGINEERING\_CAD\_FILES\PACKAGE\_4B\NY\_TRAFFIC\_SAFETY\01\_KCE\SHEET\_FILES\1162\_4B\_C-502.DWG Saved: 7/25/2023 10:18:28 AM Plotted: 7/25/2023 2:37:00 PM Current User: Jose Ramirez LastSavedBy: jramirez

1

LOCATION	SIGN	MUTCD NO.	COLOR	SIZE(S)
A		M4-8	ORANGE AND BLACK	24"x12"
B		R11-2	BLACK AND WHITE	48"x30"
C		D3-1	ORANGE AND BLACK	30"x12"
D		R11-3A	WHITE AND BLACK	60"x30"
E		M4-10R	ORANGE AND BLACK	48"x18"
F		M4-10L	ORANGE AND BLACK	48"x18"
G		M6-3	BLACK AND WHITE	21"x15"
H		M6-1L	BLACK AND WHITE	21"x15"
I		M6-1R	BLACK AND WHITE	21"x15"
J		M5-1L	BLACK AND WHITE	21"x15"
K		M5-1R	BLACK AND WHITE	21"x15"
L		M6-4	BLACK AND WHITE	21"x15"
M		W8-6 (MOD)	ORANGE AND BLACK	36"x36"

2

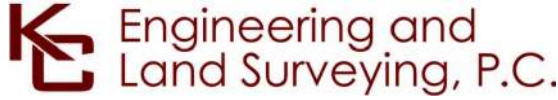
LOCATION	SIGN	MUTCD NO.	COLOR	SIZE(S)
N		G20-2	ORANGE AND BLACK	36"x18"
O		W20-1	ORANGE AND BLACK	36"x36"
P		W3-4	ORANGE AND BLACK	36"x36"
Q		W20-4	ORANGE AND BLACK	36"x36"
R		W20-7	ORANGE AND BLACK	36"x36"
S		W20-2	ORANGE AND BLACK	36"x36"
T		W20-3	ORANGE AND BLACK	36"x36"
U		NYR9-11	BLACK AND WHITE	24"x42"
W		W21-5bL	ORANGE AND BLACK	36"x36"

3

LOCATION	SIGN	MUTCD NO.	COLOR	SIZE(S)
X		W21-5aL	ORANGE AND BLACK	36"x36"
Y		OM3-L	YELLOW AND BLACK	12"x36"

4

A



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0	07/28/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MS	BD	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
SIGNAGE TABLES

DRAWN BY:	MS	DESIGNED BY:	MS	APPROVED BY:	BD	SCALE	REV. NO.

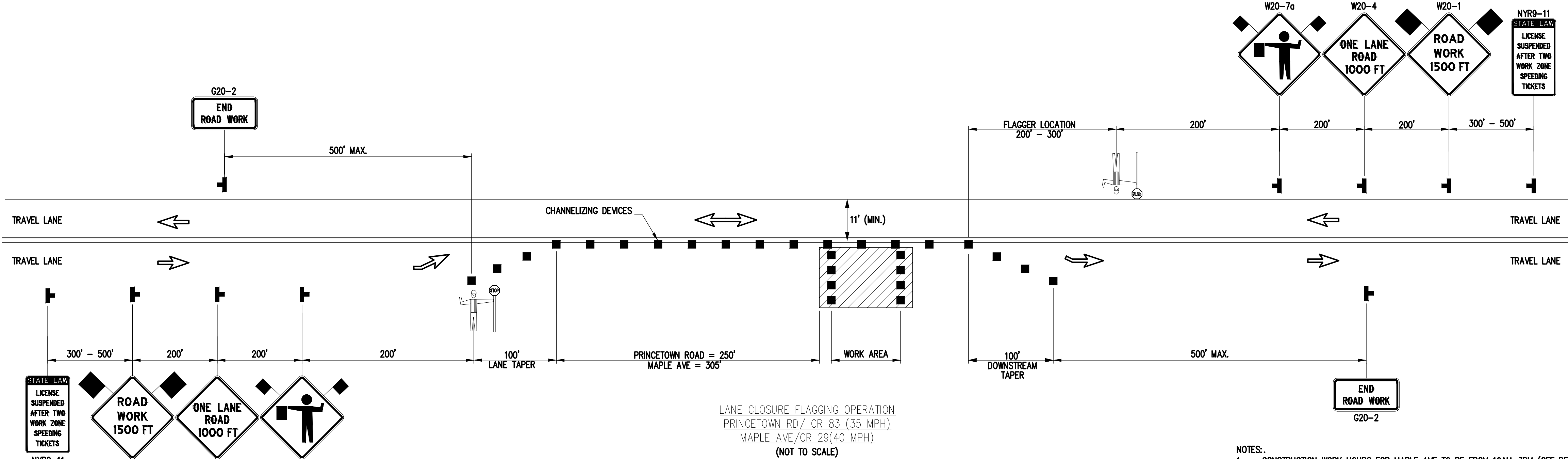
KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-502
DATE	07/26/2023
SH.NO.	OF







File: P:\120174-CHPE-CABLE\_INSTALL-KIEWIT\60\_CAD\20\_ENGINEERING\_CAD\_FILES\PACKAGE\_4B\NY\_TRAFFIC\_SAFETY\01\_KCE\SHEET\_FILES\21162\_4B\_C-504.DWG Saved: 7/25/2023 10:28:29 AM Plotted: 7/25/2023 2:37:58 PM Current User: Jose Ramirez LastSavedBy: Ramirez



- NOTES:
- CONSTRUCTION WORK HOURS FOR MAPLE AVE TO BE FROM 10AM-3PM (OFF PEAK HRS)
  - FOR TYPICAL SECTIONS FOR PRINCETOWN ROAD AND MAPLE AVE SEE DWG. NO. C-505

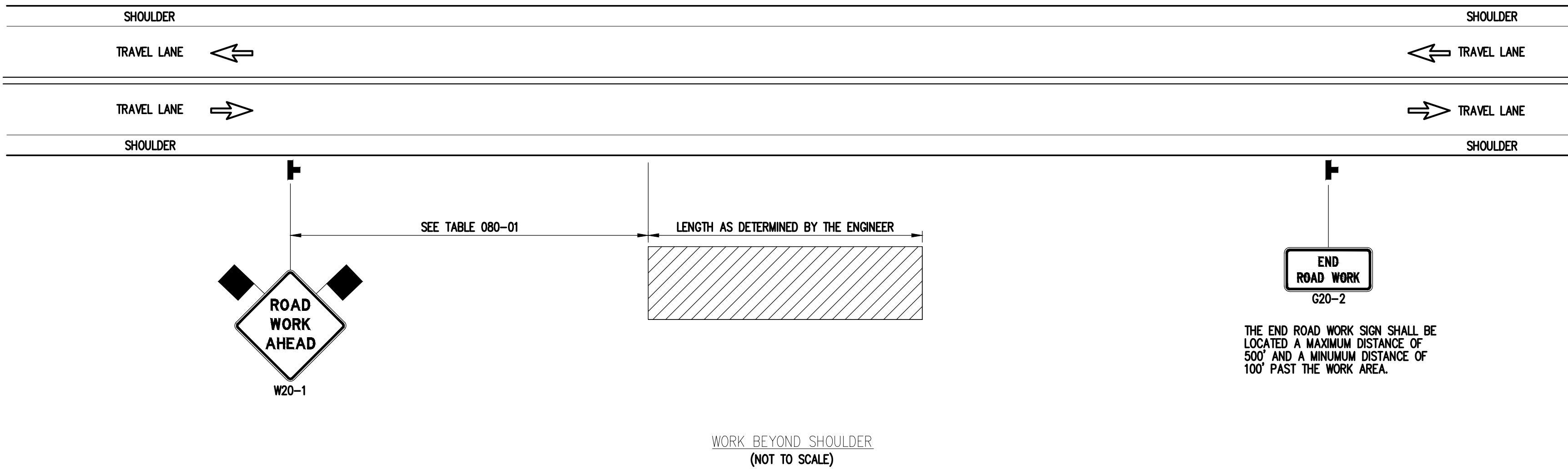
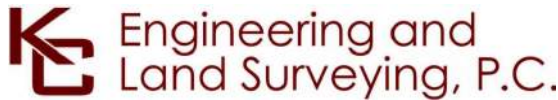


TABLE 080-01: ADVANCE PLACEMENT SIGN DISTANCE	
ROAD TYPE	DISTANCE BETWEEN SIGNS
URBAN (≤ 30 MPH*)	100
URBAN (35-40 MPH*)	200
URBAN (? 40 MPH*)	350
RURAL	500
FREEWAY	1000

\*PRECONSTRUCTION POSTED SPEED LIMIT

TABLE 080-02: REQUIRED SIGN SIZES*		
SIGN	NON-FREEWAY	FREEWAY
G20-1	36x18	48x24
W20-1	36x36	48x48
WARNING FLAG	18x18	18x18
* FREEWAY SIZES MAY BE USED ON NON-FREEWAY, IF SPACE CONSTRAINTS DO NOT EXIST		



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0	07/28/2023	ISSUED FOR CONSTRUCTION SUBMISSION				MS	BD		
No.	DATE	SUBMITTAL / REVISION DESCRIPTION				DB	APP		

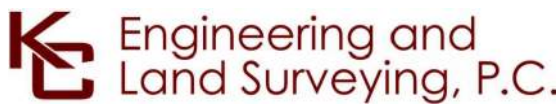
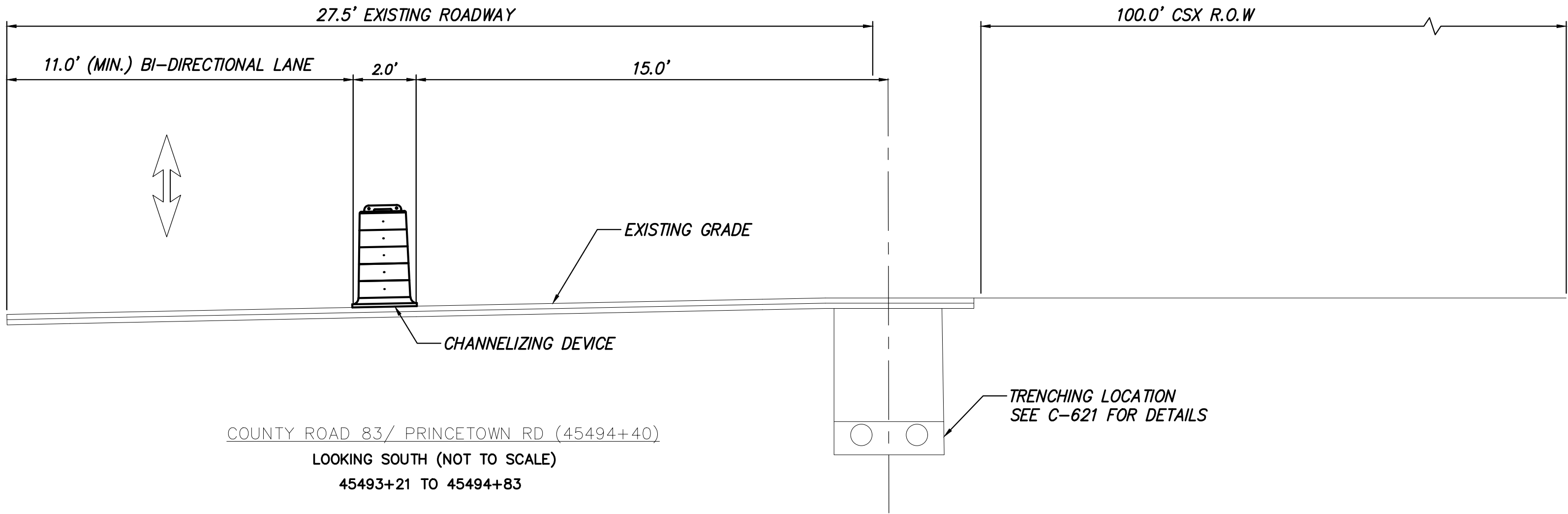
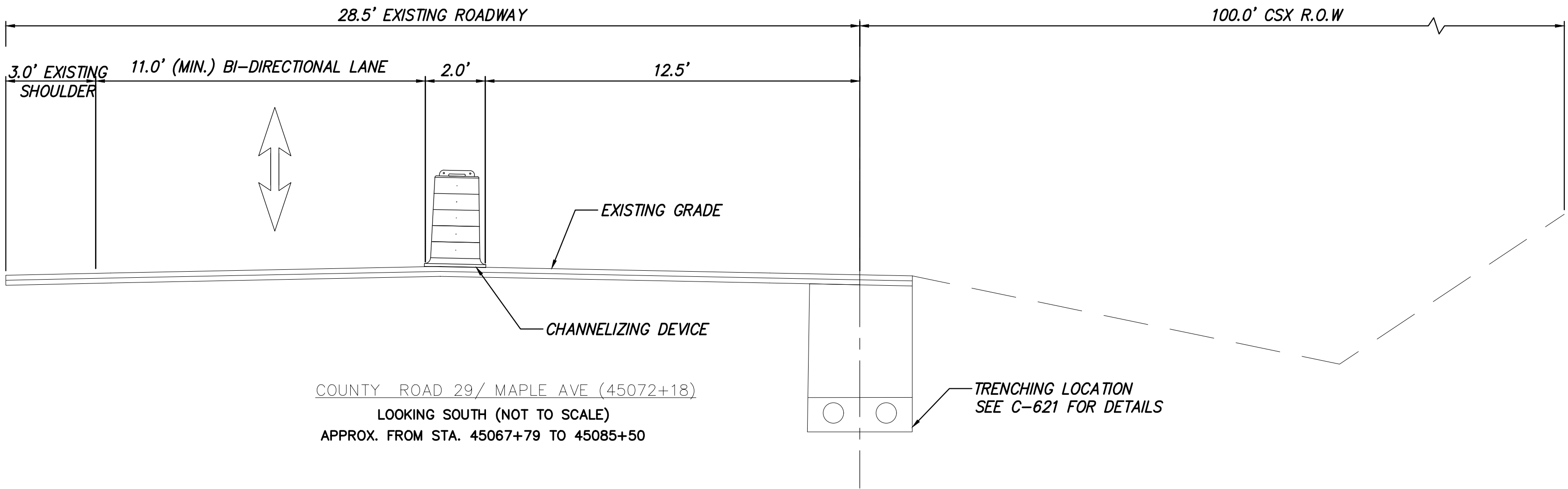
CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
WORK ZONE TRAFFIC CONTROL DETAILS

DRAWN BY: MS DESIGNED BY: MS APPROVED BY: BD SCALE REV. NO. 0

KIEWIT PROJECT NO.		21162
KC PROJECT NO.		120174
DRAWING NO.		C-504
DATE	07/26/2023	
SH.NO.	OF	



File: P:\120174-CHPE\_CABLE\_INSTALL-KIEWIT\60\_CAD\20\_ENGINEERING\_CAD\_FILES\PACKAGE\_4B\NY\_TRAFFIC\_SAFETY\01\_KCE\SHEET\_FILES\21162\_4B\_C-505.DWG Saved: 7/25/2023 10:53:03 AM Plotted: 7/25/2023 2:38:03 PM Current User: Jose Ramirez LastSavedBy: jramirez



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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
WORK ZONE TRAFFIC CONTROL  
TYPICAL SECTIONS  
SHEET 1 OF 1

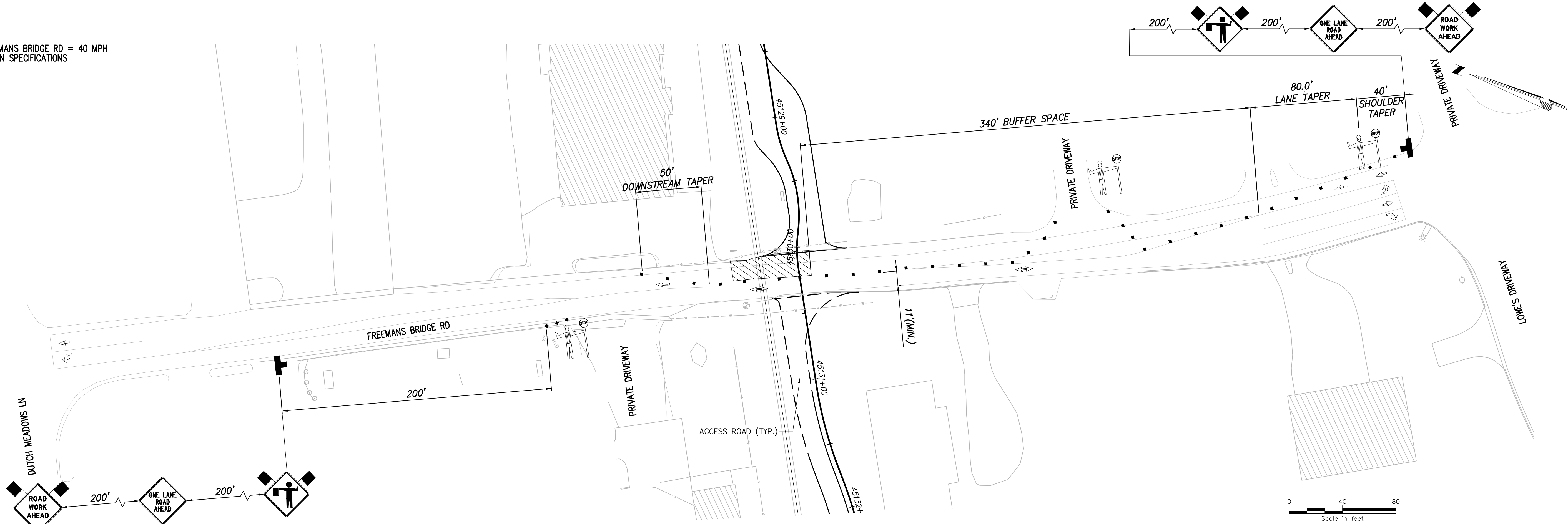
KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-505
DATE	07/26/2023
SH.NO.	OF

DRAWN BY:	MS	DESIGNED BY:	MS	APPROVED BY:	BD	SCALE	REV. NO.	0
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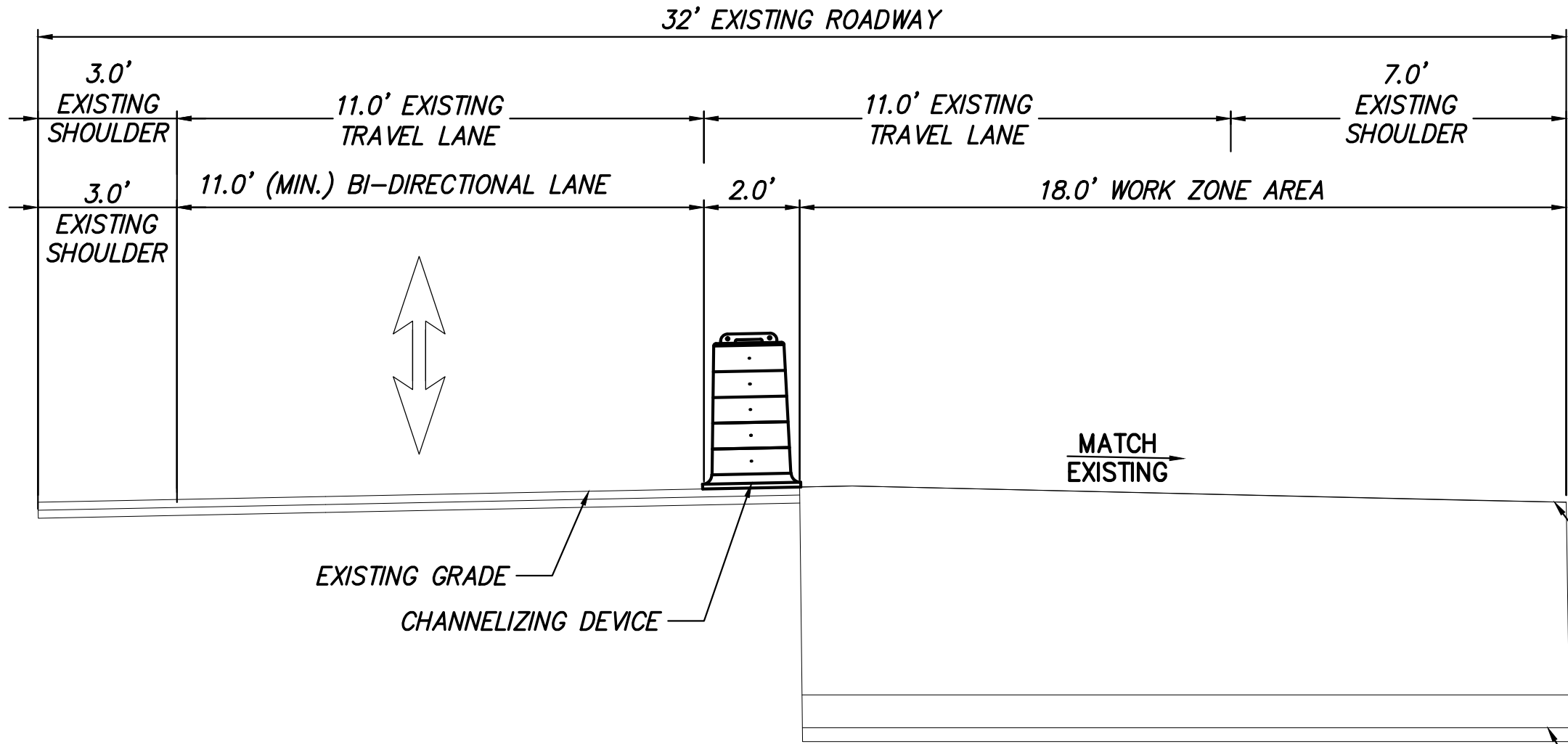
- NOTES:
- POSTED SPEED LIMIT ON FREEMANS BRIDGE RD = 40 MPH
  - SEE DWG. NO. C-502 FOR SIGN SPECIFICATIONS



FREEMANS BRIDGE RD INTERSECTION DETAIL  
SCALE: 1" = 40'

**LEGEND**

	CONSTRUCTION SIGNS
	TYPE III BARRICADE ITEM 619.04
	WORK ZONE
	FLAGGER
	DIRECTION OF TRAFFIC
	CHANNELIZING DEVICE ITEM 619.07010001



SEE SHEET C-631 FOR FINAL  
PAVEMENT COURSE DETAILS

PROPOSED CONDUIT FOR TRENCHING  
DETAILS SEE SHEET C-621 FOR DETAILS

FREEMANS BRIDGE RD (APPROX. 45130+00 THRU 45130+18)  
LOOKING NORTH (NOT TO SCALE)



Engineering and  
Land Surveying, P.C.



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No.	DATE	SUBMITTAL / REVISION DESCRIPTION				DB	APP		

CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
FREEMAN BRIDGE ROAD INTERSECTION DETAIL  
SHEET 1 OF 2

KIEWIT PROJECT NO.		21162
KC PROJECT NO.		120174
DRAWING NO.		C-506
DATE	07/26/2023	
SH.NO.	OF	

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						REV. NO.	0	SH.NO.	OF

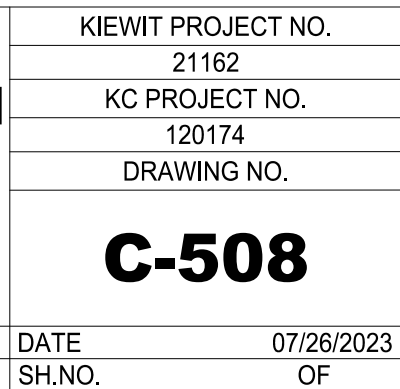
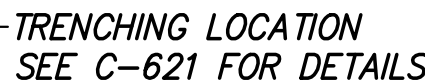


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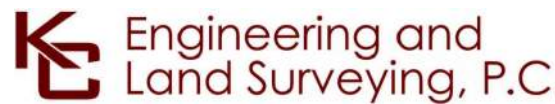




1. POSTED SPEED LIMIT ON VLEY RD = 30 MPH
2. SEE DWG. NO. C-502 FOR SIGN SPECIFICATIONS
3. FOR VLEY RD FULL CLOSURE DETOUR SEE DWG. NO. C-503



VLEY RD (APPROX. 45203+77 THRU 45204+10)  
LOOKING NORTH (NOT TO SCALE)







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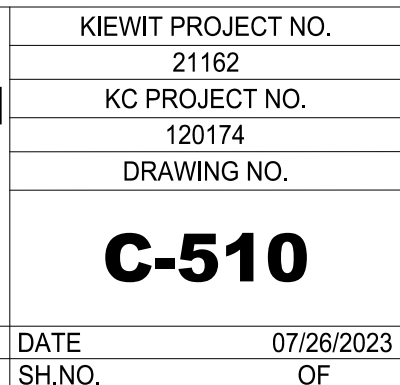
0	07/28/2023	ISSUED FOR CONSTRUCTION SUBMISSION	MS	BD
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
VLEY ROAD INTERSECTION DETAIL  
SHEET 2 OF 2

KIEWIT PROJECT NO.	
21162	
KC PROJECT NO.	
120174	
DRAWING NO.	
<b>C-509</b>	
DATE	07/26/2023
SH NO	OF



<u>LEGEND</u>	
	CONSTRUCTION SIGNS
	TEMPORARY CONCRETE BARRIER ITEM 619.1713
	DIRECTION OF TRAFFIC
	CHANNELIZING DEVICE ITEM 619.07010001



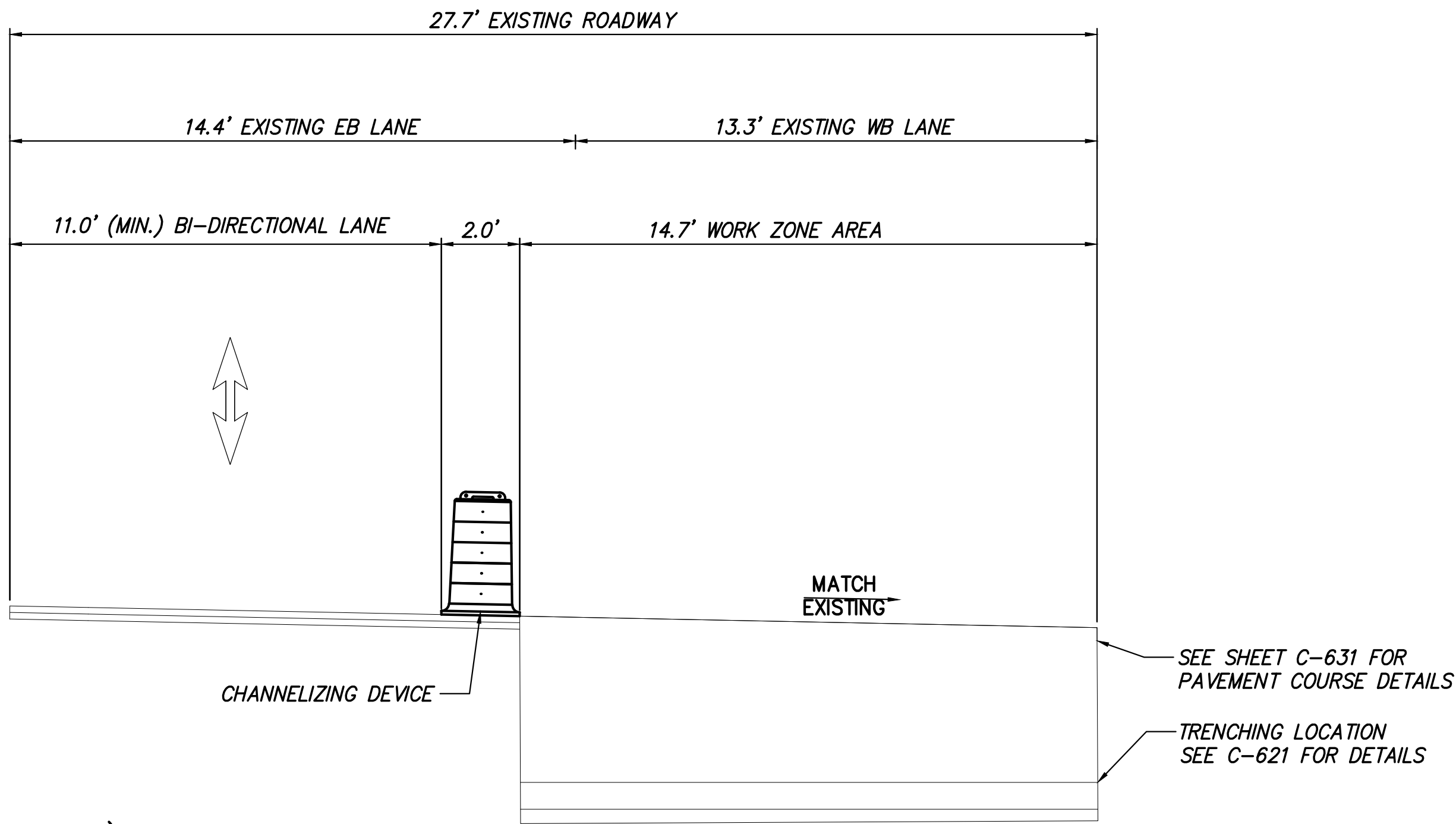


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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

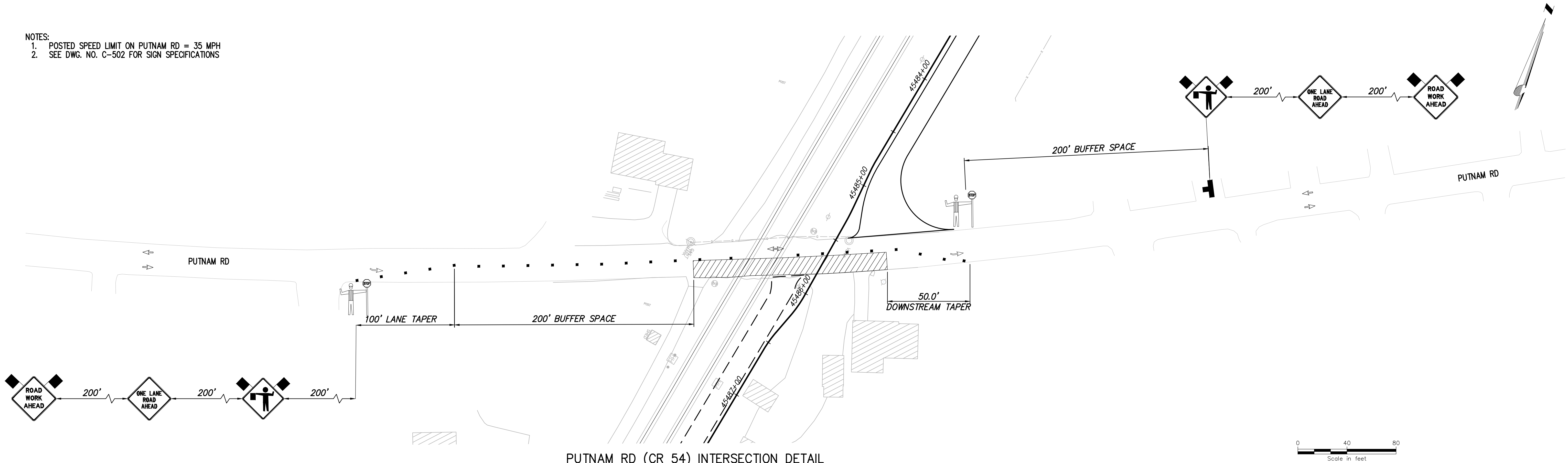
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KC PROJECT NO.	
120174	
DRAWING NO.	
<b>C-511</b>	
DATE	07/26/2023
SH.NO.	OF





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- NOTES:
1. POSTED SPEED LIMIT ON PUTNAM RD = 35 MPH
  2. SEE DWG. NO. C-502 FOR SIGN SPECIFICATIONS



PUTNAM RD (CR 54) INTERSECTION DETAIL  
(NOT TO SCALE)

**LEGEND**

CONSTRUCTION SIGNS

TYPE III BARRICADE  
ITEM 619.04

WORK ZONE

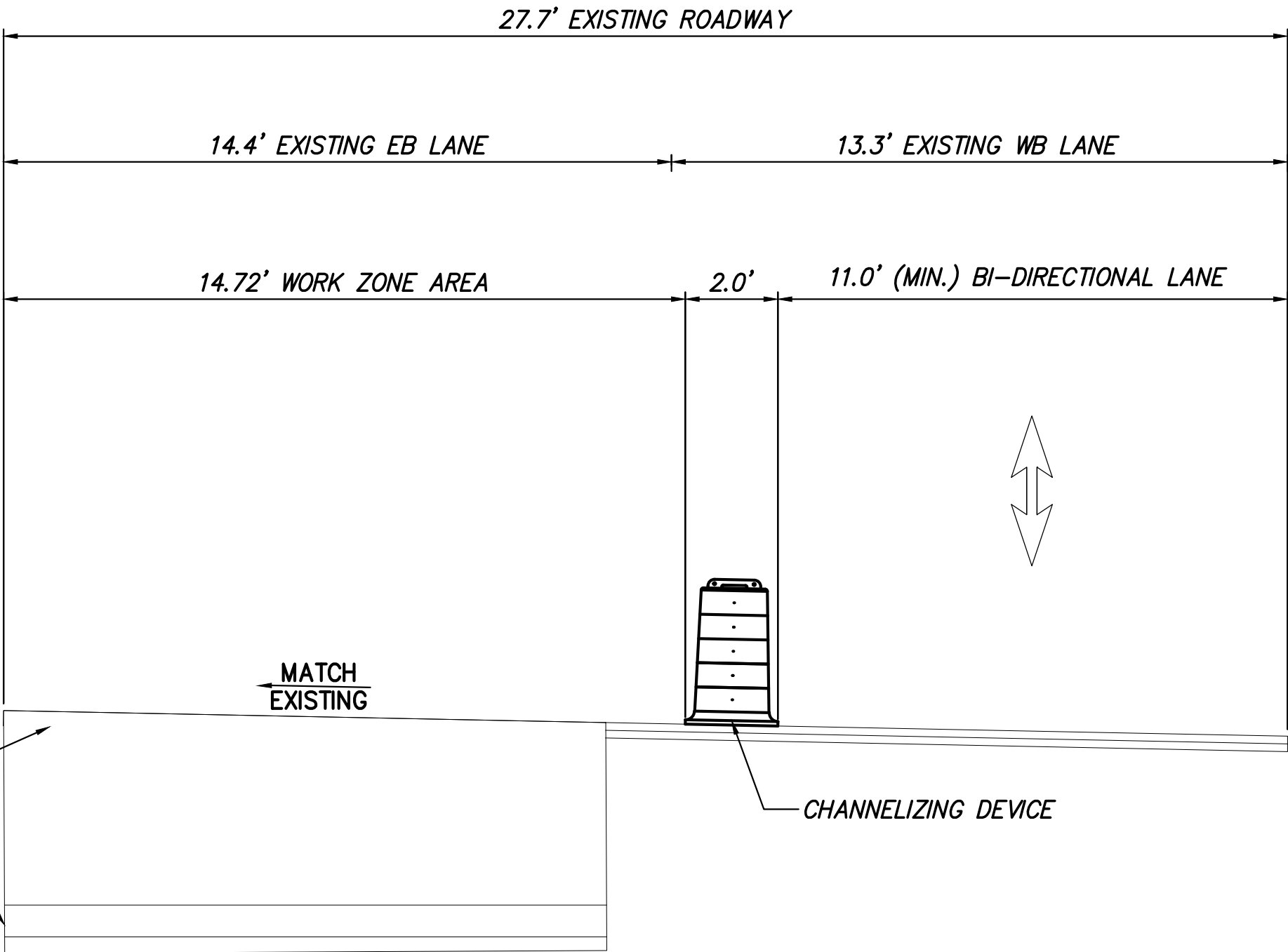
FLAGGER

DIRECTION OF TRAFFIC

CHANNELIZING DEVICE  
ITEM 619.07010001

SEE SHEET C-631 FOR  
PAVEMENT COURSE DETAILS

TRENCHING LOCATION  
SEE C-621 FOR DETAILS



PUTNAM RD (CR 54)  
(APPROX. 45486+52 TO 45486+60)  
LOOKING WEST (NOT TO SCALE)



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No.	DATE	SUBMITTAL / REVISION DESCRIPTION		DB	APP

CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
PUTNAM ROAD INTERSECTION DETAIL  
SHEET 2 OF 2

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REV. NO. 0

KIEWIT PROJECT NO.	
21162	
KC PROJECT NO.	
120174	
DRAWING NO.	
C-512	
DATE	07/26/2023
SH.NO.	OF



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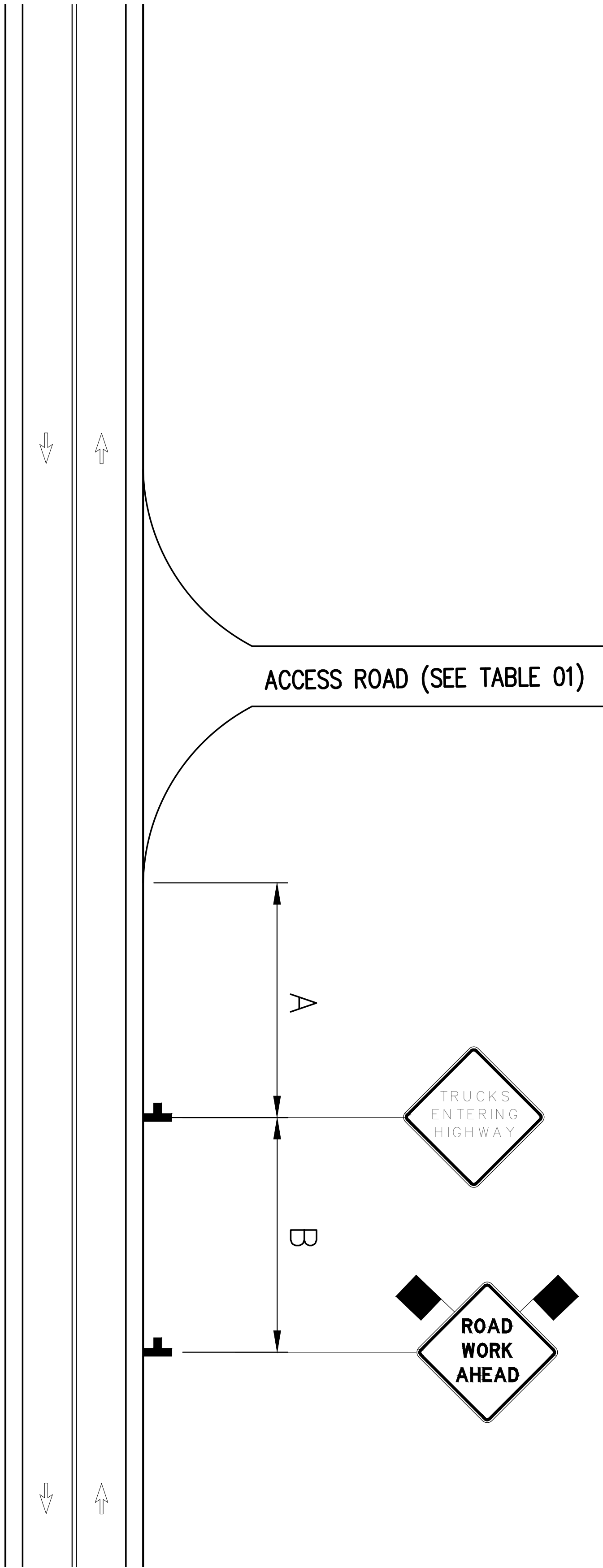


TABLE 01		
ACCESS ROAD	APPROX. STATION	OFFSET
MAPLE AVE	45004+18	0
VALLEYWOOD DR	45028+47	158.62 RT
RONALD REGAN WAY	45064+88	65.08 LT
MAPLE AVE	45069+03	24.21 LT
MAPLE AVE	45088+38	134.88 LT
FREEMANS BRIDGE RD	45130+21	0
VLEY RD	45203+94	11.82 LT
ZOAR CT	45203+41	166.75 LT
CRAIGIE AVE	45229+51	52.53 LT
SACANDAGA RD	45234+75	16.18 LT
C STREET	45275+57	512.57 LT
B STREET	45282+73	485.50 LT
AMSTERDAM AVE	45315+93	29.38 RT
I-81 EXIT RAMP TO RTE 5	45300+34	152.49 RT
SCHERMERHORN RD	45431+86	1348.94 LT
PUTNAM RD	45485+76	0

ADVANCED WARNING SIGN SPACING			
ROADWAY SPEED LIMIT	DISTANCE BETWEEN SIGNS		
	A	B	C
≤ 30 MPH	100	100	100
35-40 MPH	200	200	200
≥ 45 MPH	350	350	350

- NOTES:**
- SEE DRAWING NO. C-502 FOR SIGN SPECIFICATIONS

LEGEND

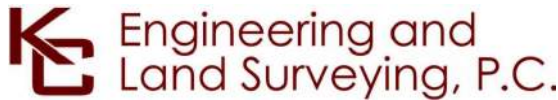
CONSTRUCTION SIGNS

TYPE III BARRICADE  
ITEM 619.04

WORK ZONE

DIRECTION OF TRAFFIC

CHANNELIZING DEVICE  
ITEM 619.07010001



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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

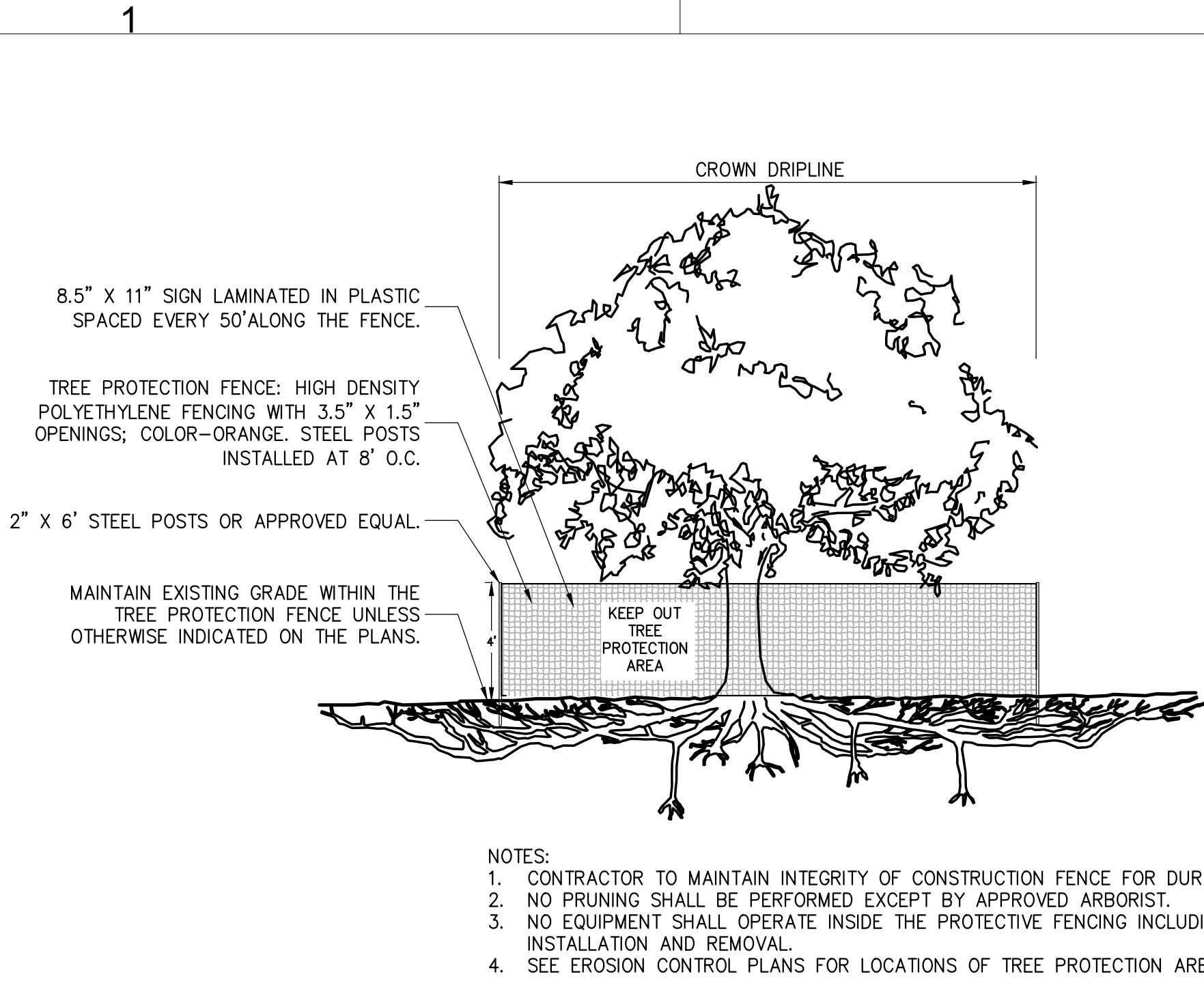
CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
WORK ZONE TRAFFIC CONTROL DETAILS  
ACCESS ROAD MPT

DRAWN BY: MS DESIGNED BY: MS APPROVED BY: BD SCALE REV. NO. 0

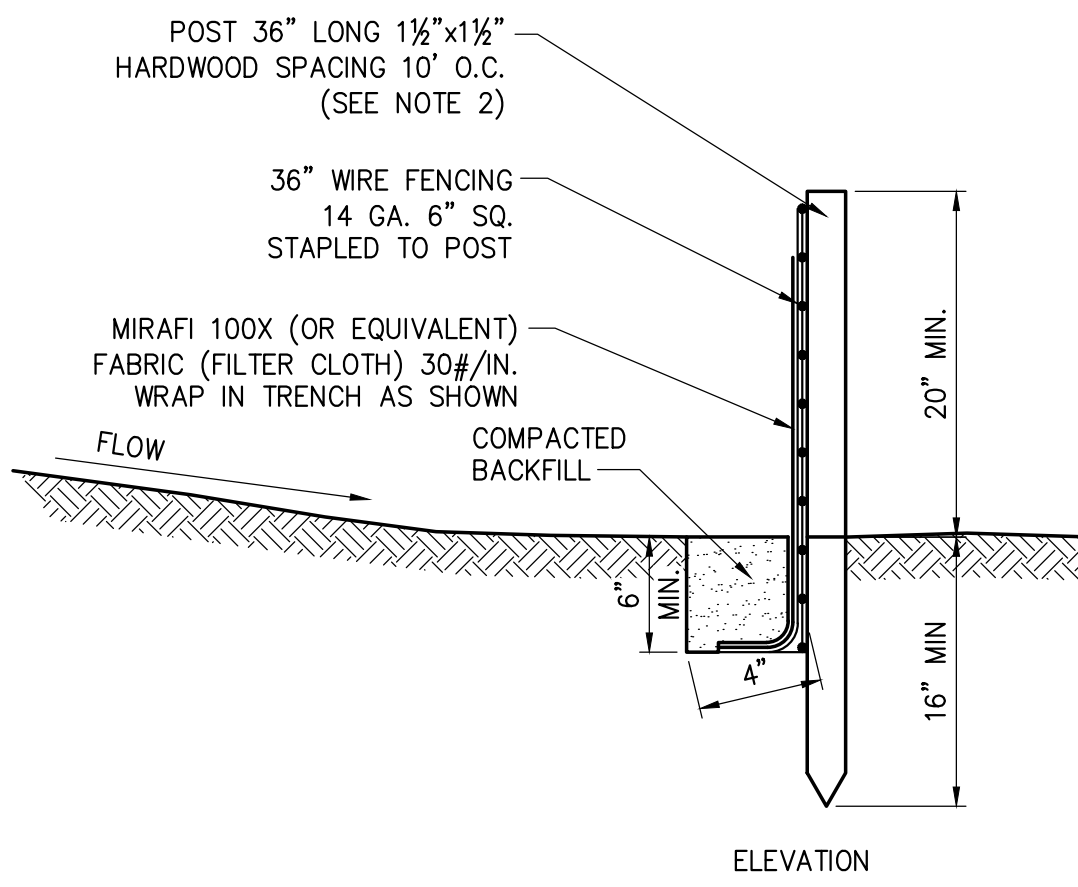
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KC PROJECT NO.	
120174	
DRAWING NO.	
C-513	
DATE	07/26/2023
SH.NO.	OF



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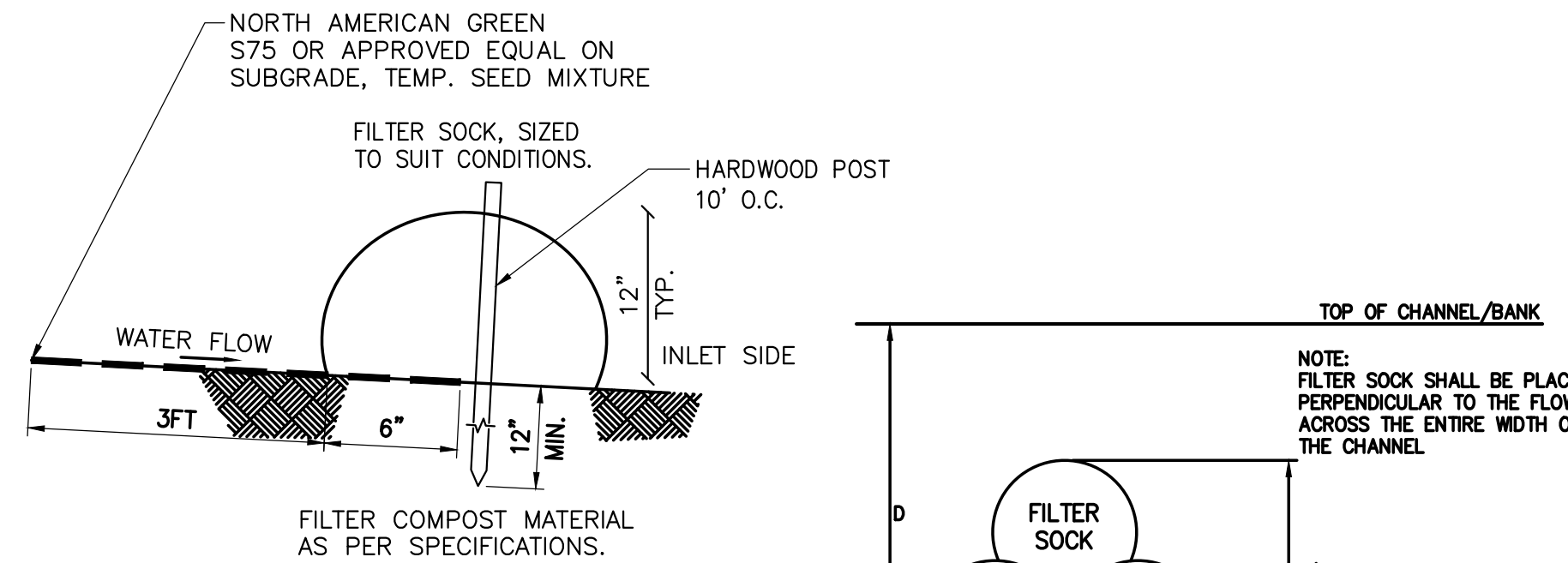
1 TREE PROTECTION  
NOT TO SCALE



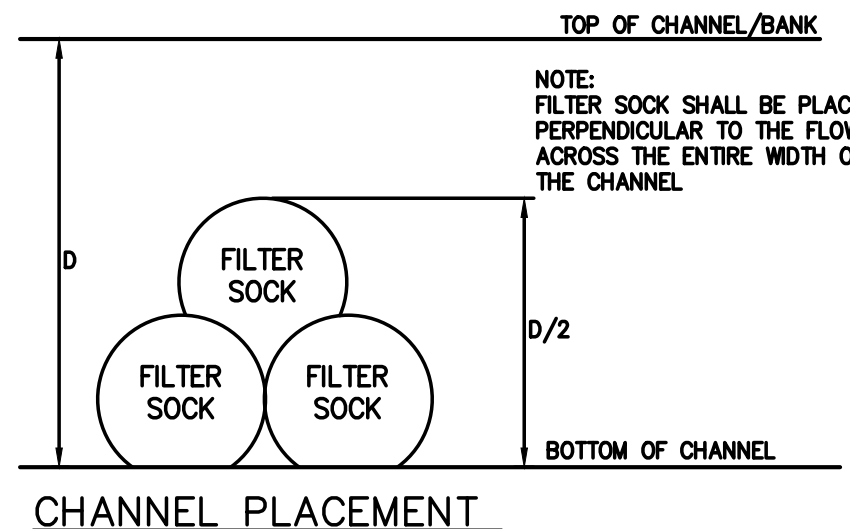
3 SILT FENCE  
SCALE: N.T.S.

NOTES:

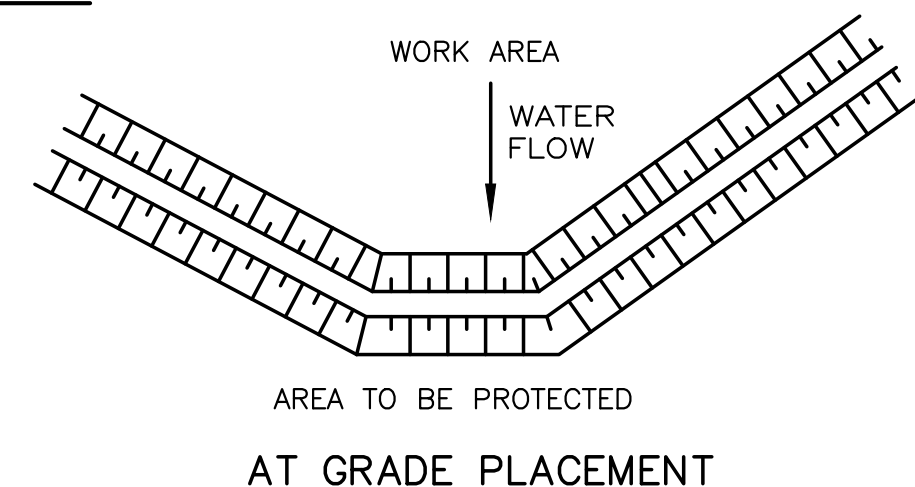
1. TIE FABRIC TO WIRE FENCE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. IF EXTRA STRENGTH FABRIC (GREATER THAN 50#/INCH) IS USED, WIRE CAN BE DELETED IF POST SPACING IS REDUCED TO 6' O.C.
3. AT THE ENDS OF THE FENCING THE FIRST 20' SHALL BE TURNED UP THE SLOPE 2'.
4. POSTS SHOULD BE INCLINED TOWARD THE DIRECTION FLOW CAME FROM.
5. OVERLAP FABRIC A MINIMUM OF 6" AND FOLDED AT JOINTS. ATTACH FILTER FABRIC TO STAKES ALLOWING EXTENSION INTO TRENCH AS SHOWN; SECURE TO STAKES AS NOTED.
6. THE MAXIMUM AREA OF RUNOFF PER 100LF. OF FENCE SHALL NOT EXCEED 0.25 ACRES.
7. MAINTENANCE SHALL BE PERFORMED AS NECESSARY. THE FENCING SHALL BE CHECKED AFTER EVERY STORM TO ENSURE THEIR PROPER FUNCTIONING.
8. WHEN FENCE IS NO LONGER NEEDED, THE ACCUMULATED SILT, THE POSTS AND FABRIC SHALL BE REMOVED AND TRENCH BACK FILLED WITH TOPSOIL AND SEEDED.
9. FENCING SHOULD BE PLACED AS SHOWN ON THE DRAWING OR IF NOT SHOWN, 10' BEYOND THE TOE OF THE SLOPE AND AT A SPACING IN ACCORDANCE WITH THE TABLE.
10. EXCAVATE TRENCH AS PER DETAIL AND SET POSTS AT 10' O.C.
11. BACKFILL WITH COMPACTED, EXCAVATED SOIL FROM TRENCH.



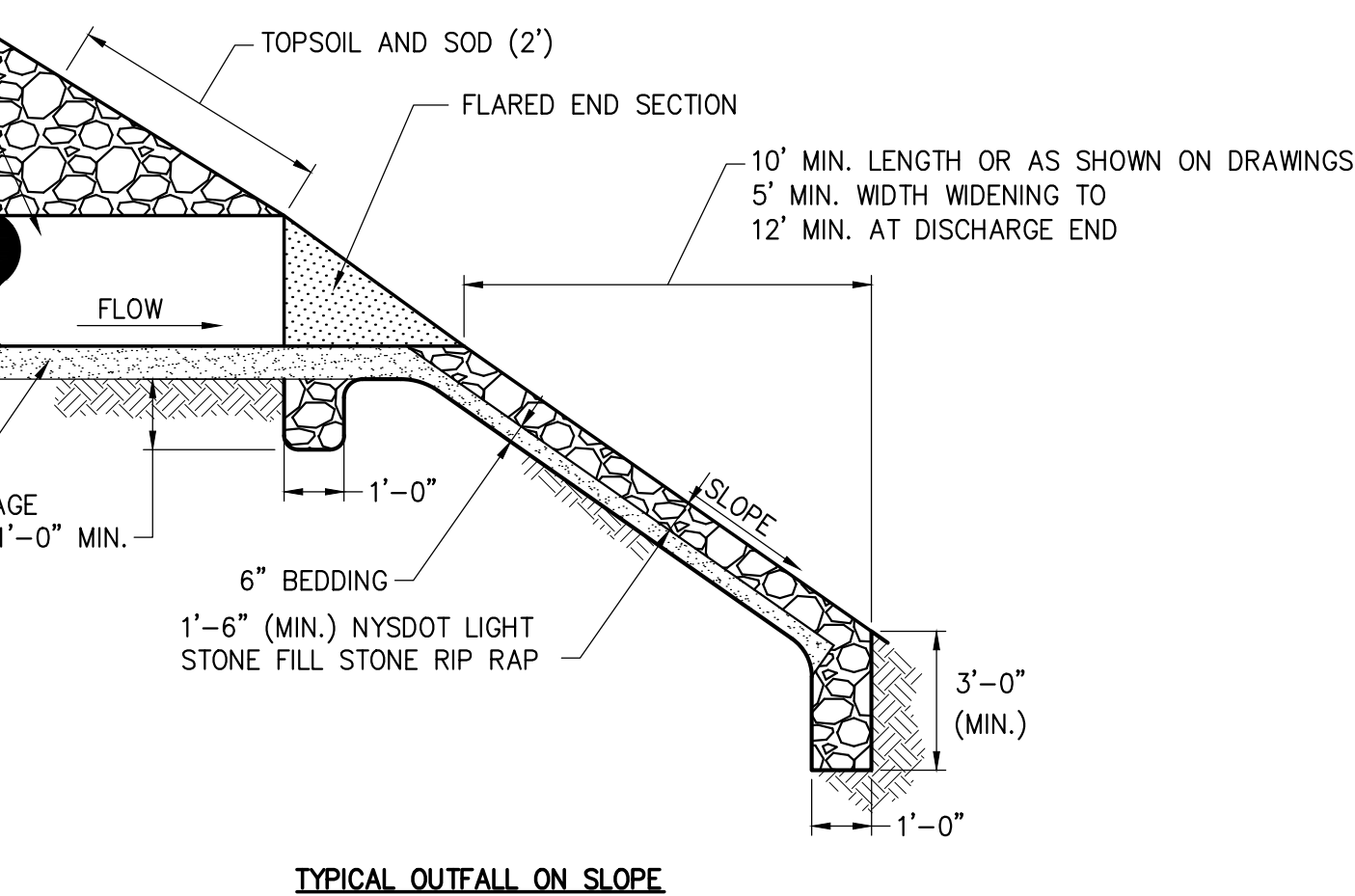
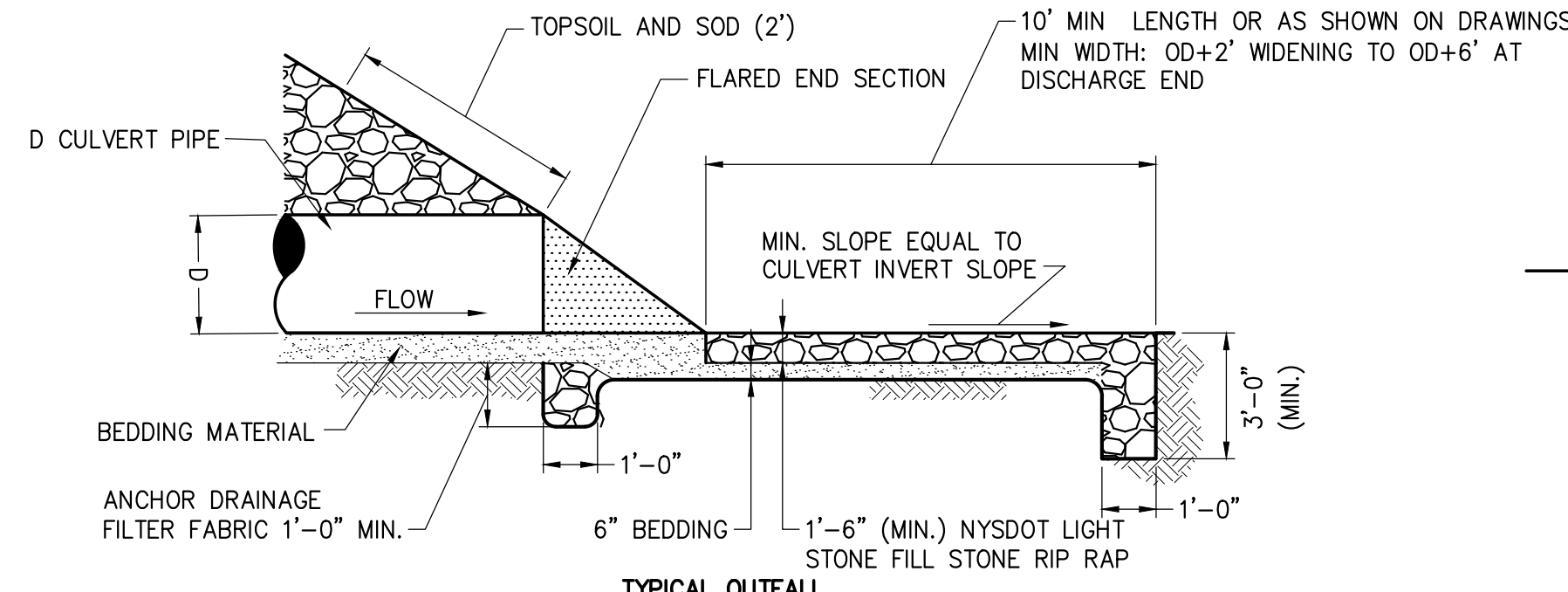
- NOTES:
1. ALL MATERIAL TO MEET MANUFACTURER SPECIFICATIONS.
  2. ALL FILTER SOCKS SHALL BE 12" DIAMETER OR LARGER.
  3. THE CONTRACTOR SHALL MAINTAIN THE COMPOST FILTER BERM IN A FUNCTIONAL CONDITION AT ALL TIMES AND IT SHALL BE ROUTINELY INSPECTED.
  4. WHERE THE BERM REQUIRES REPAIR, IT WILL BE ROUTINELY REPAIRED.
  5. THE CONTRACTOR SHALL REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE BERM WHEN THEY REACH 1/3 OF THE EXPOSED HEIGHT OF THE BERM, OR AS DIRECTED BY THE OWNERS.
  6. THE COMPOST FILTER BERM WILL BE REMOVED ON SITE WHEN NO LONGER REQUIRED, AS DETERMINED BY THE OWNERS.
  7. INSTALL PERPENDICULAR TO FLOW.



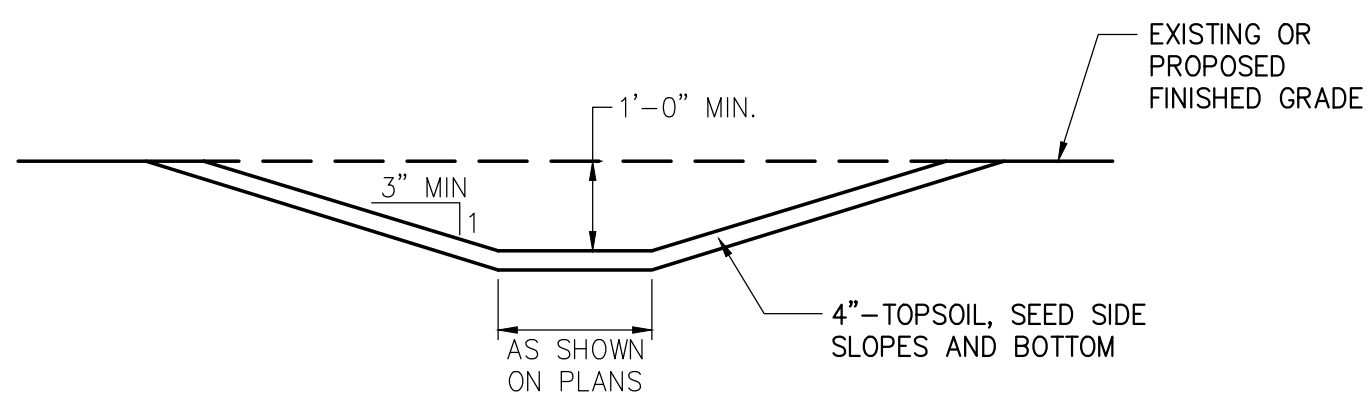
- MAINTENANCE NOTES:
1. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
  2. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/3 OF THE EXPOSED HEIGHT OF THE PRACTICE AND DISPOSED OF IN ACCORDANCE WITH THE SWPPP.
  3. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED IN THE MANNER REQUIRED BY THE MANUFACTURER OR REPLACED WITHIN 24 HOURS OF INSPECTION NOTIFICATION.
  4. BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTO-DEGRADABLE FILTER SOCKS AFTER 1 YEAR. POLY-PROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
  5. UPON STABILIZATION OF THE AREA CONTRIBUTORY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK SHALL BE REMOVED. FOR REMOVAL THE MESH CAN BE CUT AND COMPOST SPREAD AS AN ADDITIONAL MULCH TO ACT AS A SOIL SUPPLEMENT.



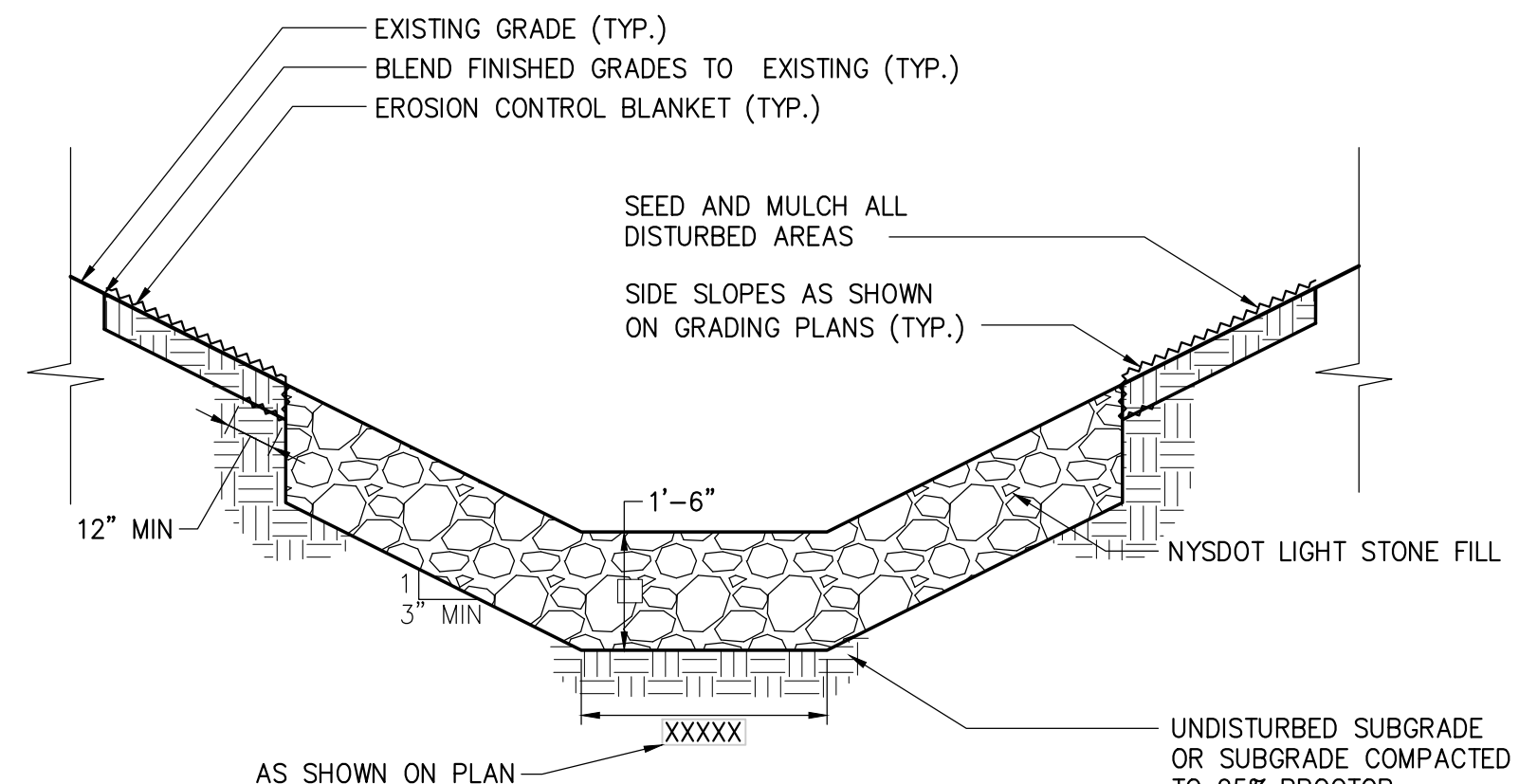
2 COMPOST FILTER SOCK DETAIL  
SCALE: N.T.S.



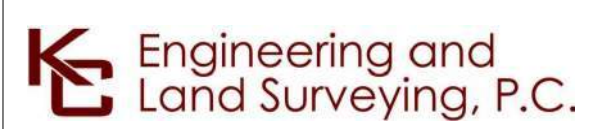
4 TYPICAL CULVERT OUTFALL RIP RAP  
SCALE: N.T.S.



5 TYPICAL GRASS DRAINAGE SWALE  
SCALE: N.T.S.



6 LIGHT STONE-LINED DRAINAGE CHANNEL  
SCALE: N.T.S.



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0	07/28/2023	ISSUED FOR CONSTRUCTION SUBMISSION				BL	SL		
No.	DATE	SUBMITTAL / REVISION DESCRIPTION				DB	APP		

CHAMPLAIN HUDSON POWER EXPRESS  
SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN  
EROSION AND SEDIMENT CONTROL DETAILS

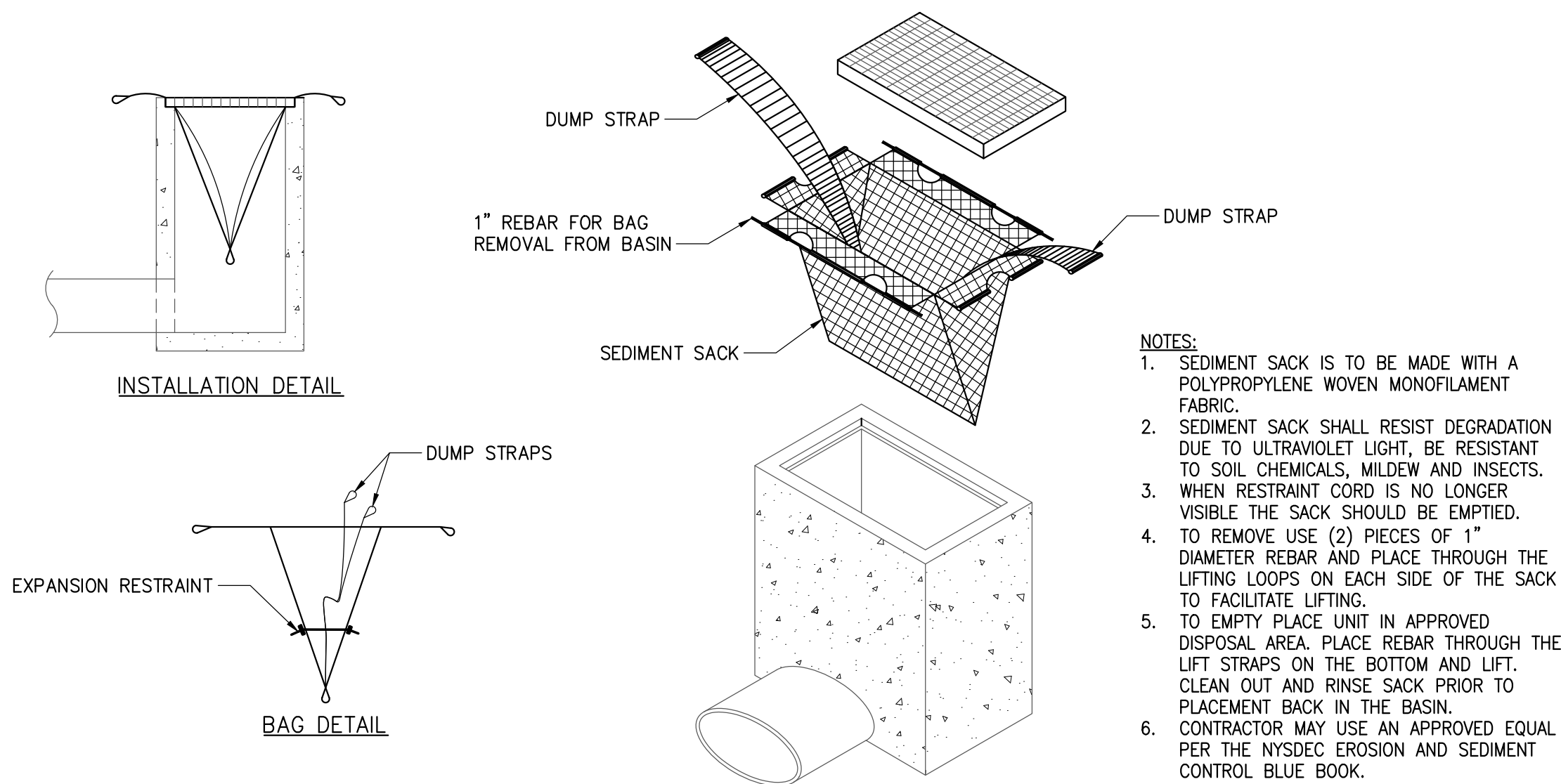
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REV. NO. 0 DATE 07/26/2023  
SH.NO. OF

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-601
DATE	07/26/2023
SH.NO.	OF



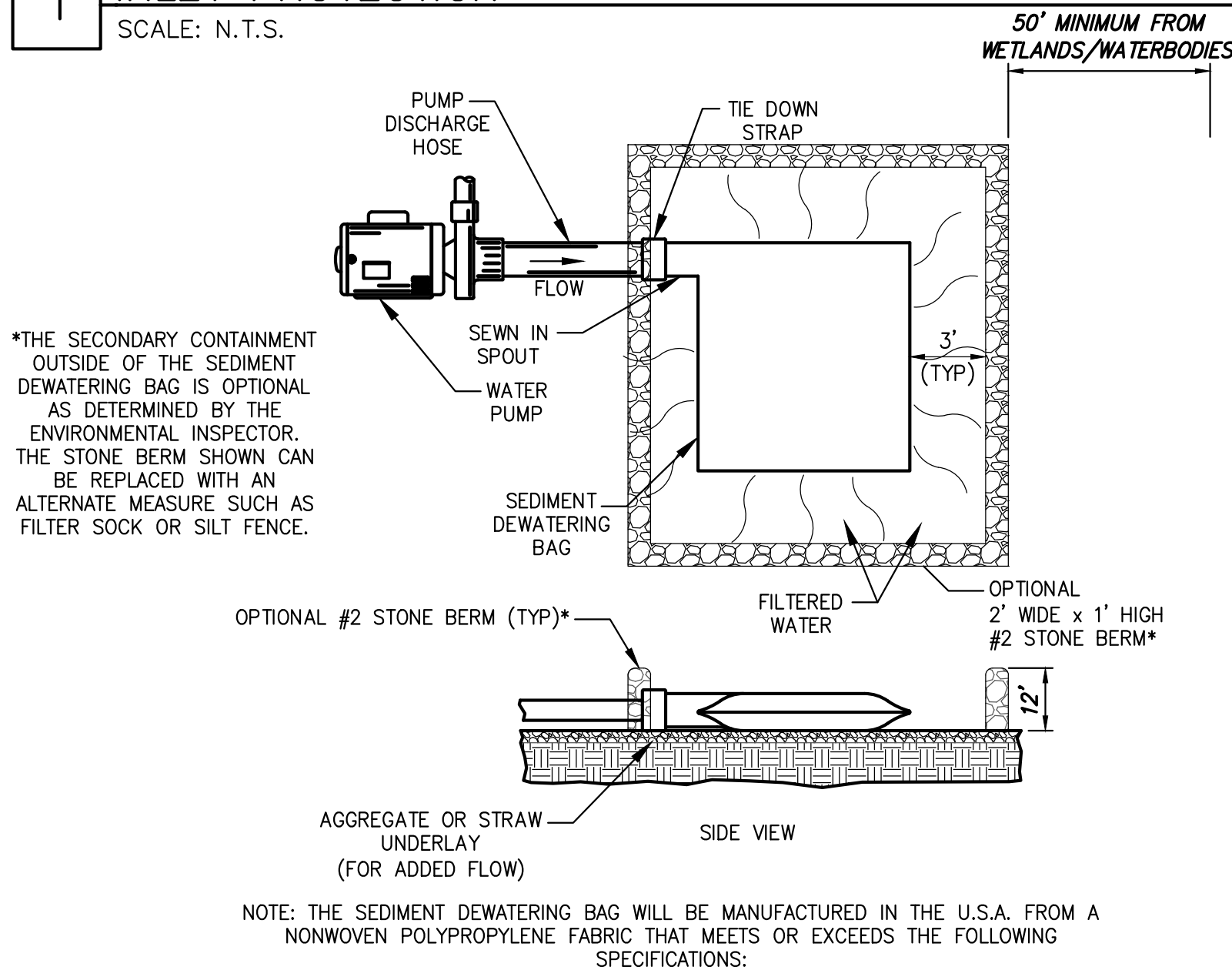
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## 1 INLET PROTECTION

SCALE: N.T.S.



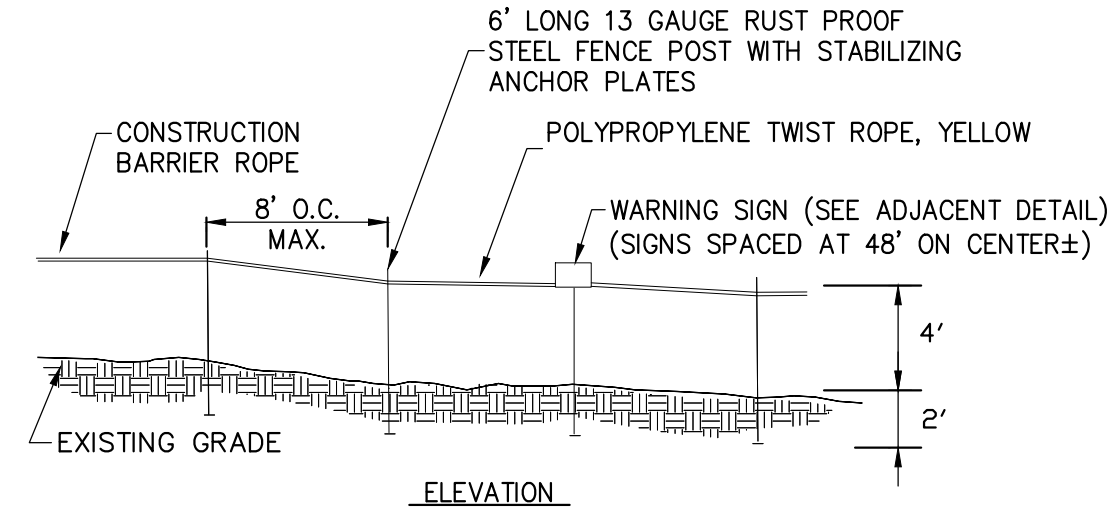
### SEDIMENT DEWATERING BAG SPECIFICATIONS

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	0.9 (205) x 0.9 (205)
Grab Tensile Elongation	ASTM D 4632	%	50 x 50
Puncture Strength	ASTM D 4833	kN (lbs)	0.58 (130)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	2618 (380)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.36 (80) X 0.36 (80)
UV Resistance	ASTM D 4355	%	70
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.180 (80)
Flow Rate	ASTM D 4491	1/min/m <sup>2</sup> (gal/min/ft <sup>2</sup> )	3866 (95)
Permittivity	ASTM D 4491	Sec <sup>-1</sup>	1.2

## 4 SEDIMENT DEWATERING BAG

SCALE: N.T.S.

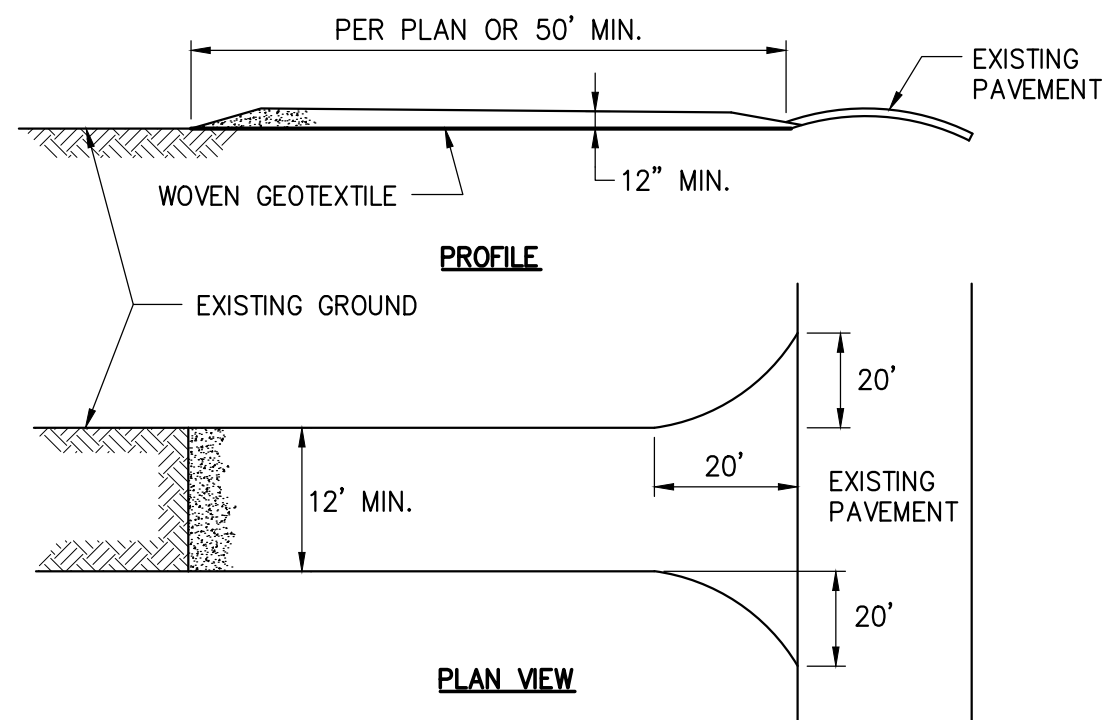
2



1. CONSTRUCTION BARRIER FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLANS PRIOR TO BEGINNING ANY WORK ADJACENT TO THESE AREAS.
2. THE CONTRACTOR SHALL INSTALL AT THE BEGINNING OF THE CONTRACT, AND MAINTAIN THROUGHOUT ITS DURATION.

## 2 WETLAND PROTECTION FENCE

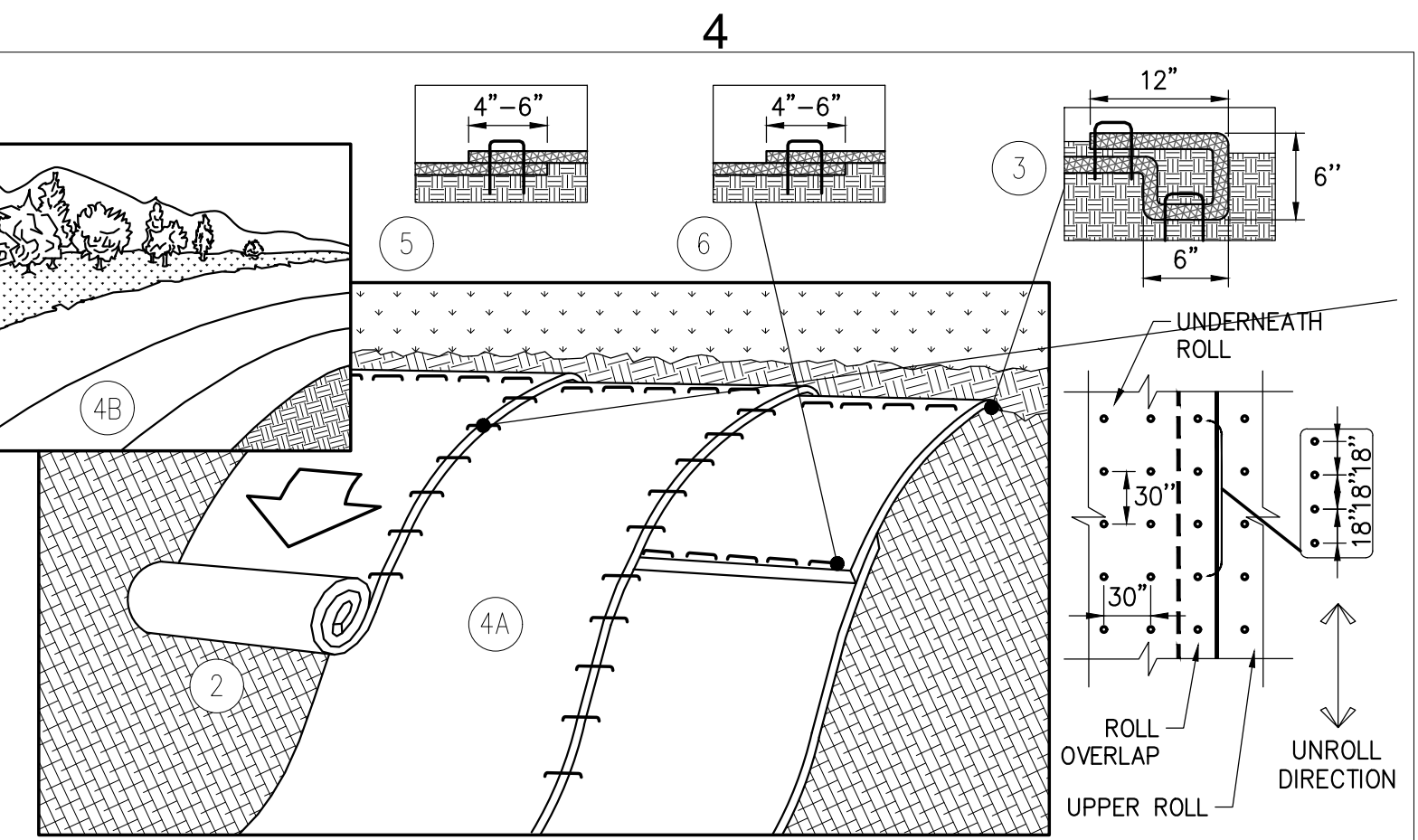
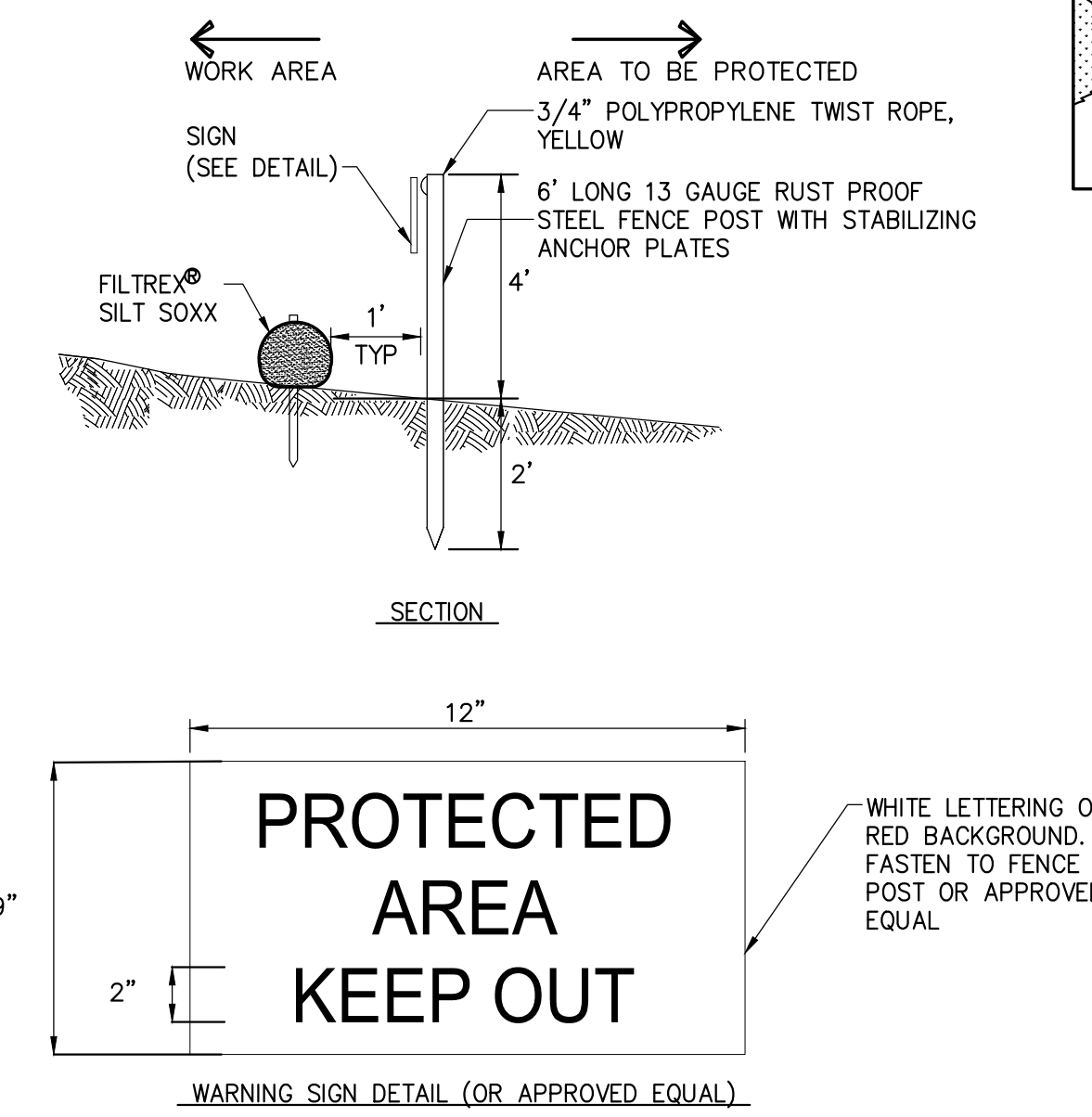
SCALE: N.T.S.



## 5 STABILIZED CONSTRUCTION ACCESS

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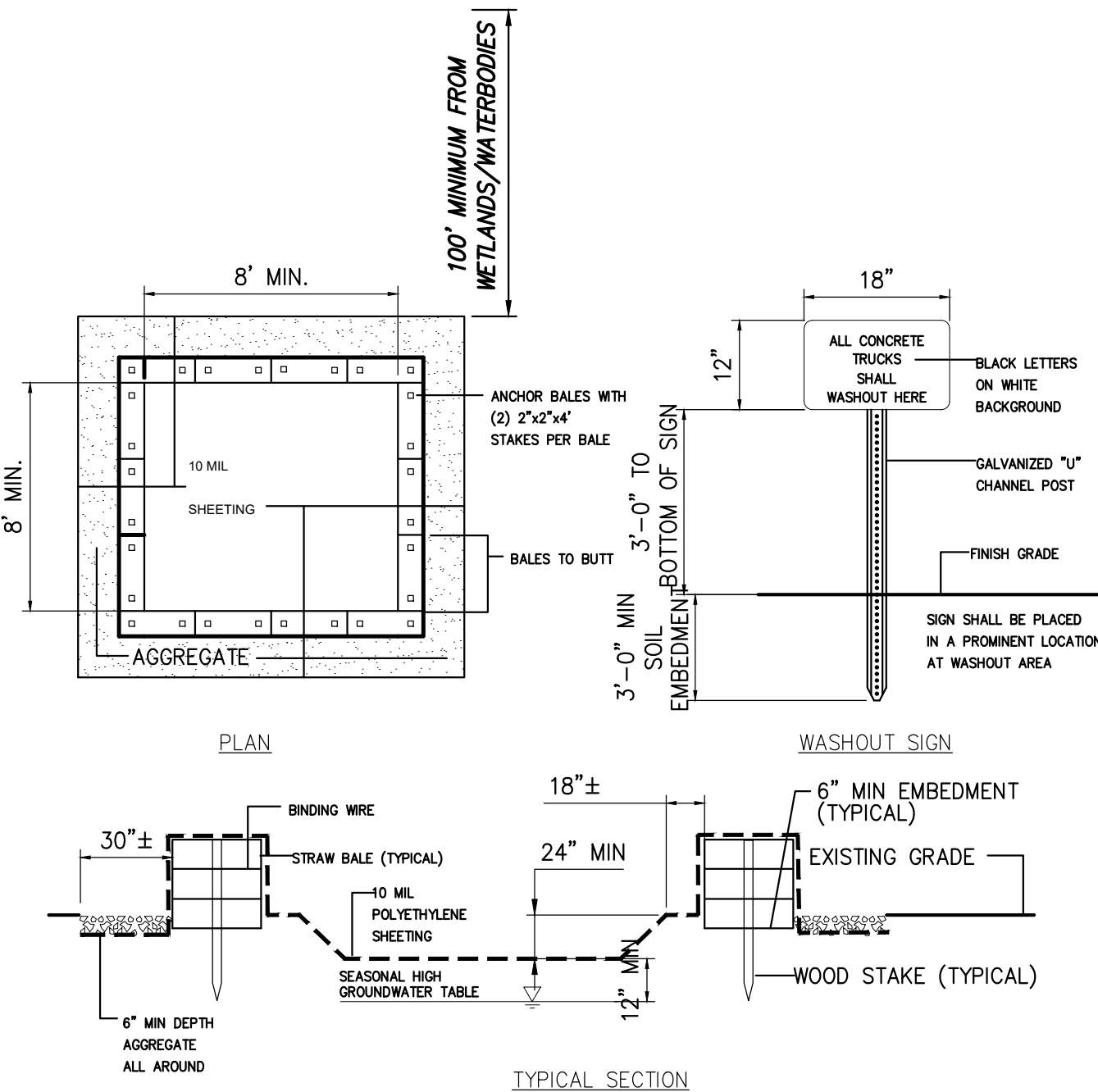
3



- NOTE:**
1. EROSION CONTROL BLANKETS TO BE INSTALLED ON SLOPES 3:1 OR GREATER (TYP.)
  2. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: DO NOT SEED PREPARED AREA. INSTALL WITH PAPER SIDE DOWN. INSTALL ACCORDING TO MANUFACTURERS INSTRUCTIONS.
  3. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP x 6" WIDETRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
  4. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
  5. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
  6. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPING AREA APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
  7. TO PROPERLY SECURE THE BLANKETS IN LOOSE SOIL CONDITIONS, THE USE OF STAPLES OR STAKES GREATER THAN 6" MAY BE NECESSARY.

## 3 EROSION CONTROL BANK STABILIZATION DETAIL

SCALE: N.T.S.

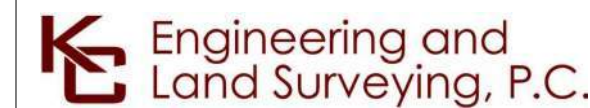


### MAINTENANCE NOTES:

1. ALL CONCRETE WASHOUT FACILITIES SHALL BE INSPECTED DAILY. DAMAGED OR LEAKING FACILITIES SHALL BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY. EXCESS RAINWATER THAT HAS ACCUMULATED OVER HARDENED CONCRETE SHALL BE PUMPED TO A STABILIZED AREA SUCH AS A GRASS FILTER STRIP.
2. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF SITE.
3. DISPOSAL OF THE HARDENED MATERIAL SHALL BE OFF-SITE IN A CONSTRUCTION/DEMOLITION LANDFILL.
4. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
5. INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT NO CONCRETE DISCHARGES ARE TAKING PLACE IN NON-DESIGNATED AREAS.
6. LOCATION(S) TO BE DETERMINED IN THE FIELD BY THE OWNER'S REPRESENTATIVE
7. CONCRETE WASHOUTS SHALL NOT BE LOCATED WITHIN 200' OF ANY KNOWN WELL.

## 6 CONCRETE WASHOUT AREA

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## CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 7 (PACKAGE 4B) - CSX - PAN AM SOUTHERN EROSION AND SEDIMENT CONTROL DETAILS

KIEWIT PROJECT NO.	21162
KC PROJECT NO.	120174
DRAWING NO.	C-602

**C-602**

No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY:	DESIGNED BY:	APPROVED BY:	SCALE	AS NOTED	DATE
0	07/28/2023	ISSUED FOR CONSTRUCTION SUBMISSION	BL	SL						07/26/2023
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