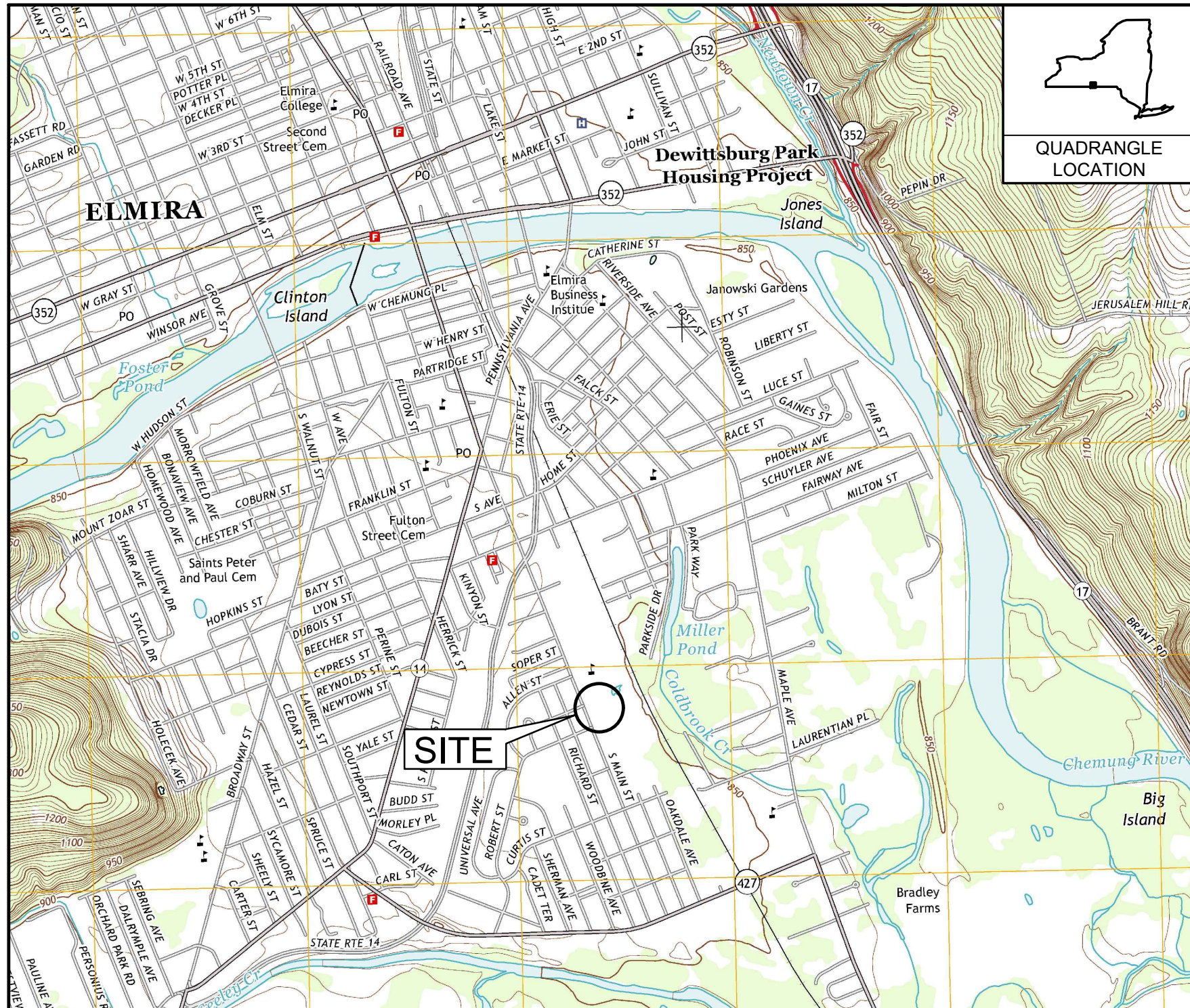


INTERIM REMEDIATION MEASURE #5

FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK SEPTEMBER 2020



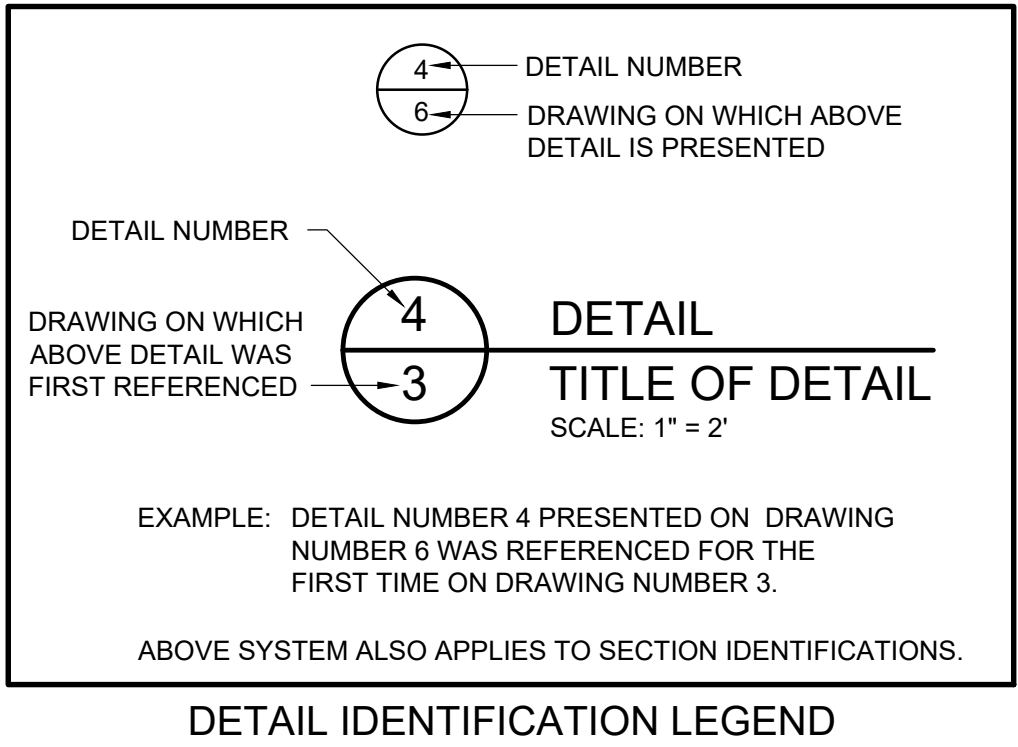
LOCATION MAP

LIST OF DRAWINGS	
NUMBER	TITLE
1	TITLE SHEET
2	OVERALL EXISTING CONDITIONS
3	SITE WORK PLAN
4	GRADING PLAN
5	SUPPORT OF EXCAVATION PLAN
6	DEMOLITION PLAN
7	UTILITES REMOVAL
8	STORM DRAIN MAINTENANCE
9	FORMER INDUSTRIAL SEWER REMOVAL PLAN
10	0-2 FT EXCAVATION
11	2-4 FT EXCAVATION
12	4-6 FT EXCAVATION
13	6-8 FT EXCAVATION
14	8-10 FT EXCAVATION
15	10-12 FT EXCAVATION
16	MATERIAL STAGING AREA PLAN (MSA) PLAN
17	TSKA ACCUMULATION AREA PLAN
18	RCRA ACCUMULATION AREA PLAN
19	DETAILS
20	EQUIPMENT WASH PAD
21	PROPOSED RESTORATION PLAN
22	RESTORATION DETAILS
23	EROSION AND SEDIMENT CONTROL PLAN
24	EROSION AND SEDIMENT CONTROL DETAILS

PREPARED FOR: **UNISYS CORPORATION**
CORPORATE ENVIRONMENTAL AFFAIRS
3199 PILOT KNOB ROAD MS F1B05
EAGAN, MN 55121

PREPARED BY: **B&B Engineers & Geologists
of new york, p.c.**
an affiliate of Geosyntec Consultants

10211 WINCOPIN CIRCLE, FLOOR 4
COLUMBIA, MD 20144
PHONE: (410) 381-4333






2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
B&B Engineers & Geologists of new york, p.c. <i>an affiliate of Geosyntec Consultants</i> UNISYS				
TITLE: TITLE SHEET				
PROJECT: INTERIM REMEDIATION MEASURE #5				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
SIGNATURE <i>Aun Krasnodub</i> DATE 11/24/2020		DESIGN BY: AK DATE: SEPTEMBER 2020 DRAWN BY: BGF PROJECT NO.: MN0832I CHECKED BY: KTO FILE: MN0832I-501 REVIEWED BY: PLB DRAWING NO.: APPROVED BY: AK 1 OF 24		

CONSTRUCTION DRAWING

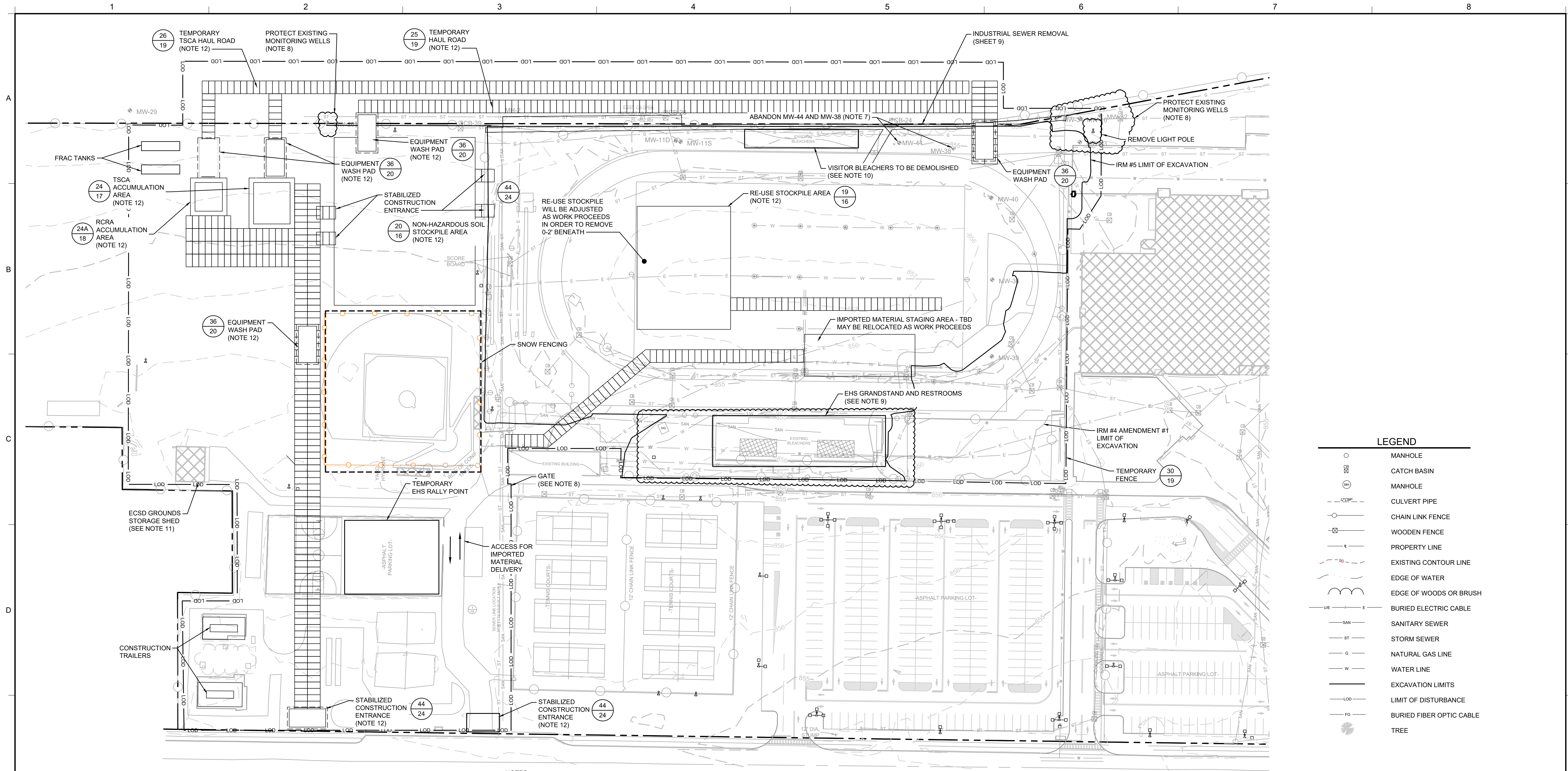
[illegible]

- GENERAL NOTES:
1. EXISTING TOPOGRAPHY IS FROM:
 - a. A TOPOGRAPHIC SURVEY OF ELMIRA HIGH SCHOOL BY HUNT ENGINEERS, ARCHITECTS, AND SURVEYORS IN SEPTEMBER 2016. VERTICAL CONTROL IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88/GEOD 12A). HORIZONTAL CONTROL IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD 83/NA 2011).
 - b. A TOPOGRAPHIC SURVEY OF ELMIRA HIGH SCHOOL BY FAGAN ENGINEERS IN MAY 2019 - 18064-A SENT 2019-5-24.DWG
 2. UNDERGROUND UTILITIES SHOWN WERE MAPPED USING A COMBINATION OF FIELD LOCATED EVIDENCE AND EXISTING DATA. THE ACCURACY OF THESE UTILITY LOCATIONS CANNOT BE GUARANTEED. ALL UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED BEFORE EXCAVATING. CALL 'DIG SAFELY NEW YORK' 1-800-962-7962.



2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK		
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK		
REV	DATE	DESCRIPTION	DRN	APP		
<div>B&B Engineers & Geologists of new york, p.c. <i>an affiliate of Geosyntec Consultants</i></div>			<div>UNISYS</div>			
TITLE: <div>OVERALL EXISTING CONDITIONS</div>						
PROJECT: <div>INTERIM REMEDIATION MEASURE #5</div>						
SITE: <div>FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK</div>						
<div> SIGNATURE 11/24/2020 DATE</div>		<div></div>	DESIGN BY:	AK	DATE:	SEPTEMBER 2020
			DRAWN BY:	AD	PROJECT NO.:	MN08321
			CHECKED BY:	TBR	FILE:	MN08321-502
			REVIEWED BY:	PLB	DRAWING NO.:	
			APPROVED BY:	AK	<div>2 OF 24</div>	

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CONSTRUCTION SEQUENCE:

- INSTALL/MAINTAIN TEMPORARY SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH APPROVED SWPPP.
- REMOVE EXISTING CHAIN-LINKED AS INDICATED ON SHEET 6.
- INSTALL TEMPORARY FENCING AROUND THE LIMITS OF DISTURBANCE.
- CLEAR THE CONSTRUCTION AREA WITHIN LIMITS OF DISTURBANCE.
- REMOVE FORMER INDUSTRIAL SEWER AS SHOWN ON SHEET 9.
- EXCAVATE SOILS AS SHOWN TO THE GRADES SHOWN ON DRAWING 4. SEE SECTION 02 61 13. SEGREGATE INTO SOILS WITH TOTAL PCBs ≥ 50 MG/KG FOR DISPOSAL, SOILS WITH TOTAL PCBs < 50 BUT ≥ 10 MG/KG FOR DISPOSAL, AND SOILS WITH TOTAL < 10 MG/KG FOR POTENTIAL RE-USE AS BACKFILL AS SHOWN ON DRAWINGS 10 TO 15.
- REMOVE EXISTING UTILITIES WITHIN LIMITS OF EXCAVATION AS SHOWN ON DRAWINGS 7 IN ORDER TO COMPLETE EXCAVATION. CAP OR OTHERWISE PRESERVE ENDS OF UTILITIES TO ENABLE RE-CONNECTION IN-KIND REPLACEMENTS. REMOVED UTILITIES SHALL BE CHARACTERIZED FOR OFF-SITE DISPOSAL.
- BACKFILL THE EXCAVATION USING STOCKPILED SOILS THAT ARE APPROVED FOR RE-USE. SEE DETAIL 31 ON DRAWING 19. CONFIRMATION SAMPLING AND APPROVAL TO BACKFILL SHALL BE REQUIRED PRIOR TO BACKFILLING.
- RECONSTRUCT IN-KIND REMOVED UTILITIES AS SHOWN ON SHEET 21.
- FINISH EXCAVATION BACKFILL WITH APPROVED, OFF-SITE BORROW. THE UPPERMOST 2 FEET OF BACKFILL SHALL CONSIST OF A SOIL COVER SYSTEM. SEE DETAIL 31 ON DRAWING 19.
- FINISH EXCAVATION TO FINAL GRADES SHOWN ON DRAWING 21.
- REMOVE TEMPORARY SEDIMENT AND EROSION CONTROLS.

NOTES:

- SEE SHEET 2 FOR GENERAL NOTES. TEMPORARY FACILITIES INCLUDE THOSE CONSTRUCTED DURING IRM #4.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPROVED IRM WORK PLAN. ANY PROPOSED MODIFICATION TO THE WORK PLAN MUST BE APPROVED BY NYSDEC.
- CONSTRUCTION TRAFFIC PATTERNS MAY BE MODIFIED BY CONTRACTOR AS NECESSARY SUBJECT TO ENGINEER APPROVAL.
- TREES AND WOODY VEGETATION SHALL BE CUT FLUSH WITH THE GROUND SURFACE AND DISPOSED OF OFF-SITE AT A PERMITTED LAND CLEARING MANAGEMENT FACILITY. ROOT BALLS SHALL BE MANAGED IN ACCORDANCE WITH THE SOILS MANAGEMENT PLAN. STUMPS SHALL BE GROUND UP IN-PLACE AND WOOD CHIPS MANAGED WITH THE SOILS MANAGEMENT PLAN.
- CONTRACTOR SHALL INSTALL TEMPORARY 6-FOOT TALL CHAIN LINK FENCING AROUND THE LIMITS OF CONSTRUCTION. FENCING SHALL INCLUDE VISUAL SCREENING.
- TEMPORARY TSCA TRANSIT ROAD SHALL BE PLACED OVER NON-TSCA AREAS WHEN BRINGING SOILS WITH ≥ 50 MG/KG PCBs TO THE TSCA ACCUMULATION AREA.
- CONTRACTOR SHALL ABANDON MONITORING WELL MW-44 AND MW-38 IN ACCORDANCE WITH NYSDEC CP-43 (MAY OCCUR DURING IRM#4 AMENDMENT #1).
- CONTRACTOR SHALL PROTECT EXISTING MONITORING WELLS WITHIN THE LIMIT OF DISTURBANCE DURING CONSTRUCTION AND RESTORE ACCESS DURING SITE RESTORATION.
- THE EXISTING HOME GRANDSTAND, PRESS BOX AND RESTROOMS WERE DEMOLISHED DURING IRM #4.
- EHS VISITOR BLEACHERS WERE DEMOLISHED DURING IRM #4.
- CONTRACTOR SHALL MAINTAIN ACCESS ECSD PERSONNEL TO GROUNDS STORAGE SHED AND CONCESSION STAND STORAGE.
- TEMPORARY FACILITIES CONSTRUCTED DURING IRM #4 WILL BE UTILIZED DURING IRM #5.

2 PLAN SITE WORK PLAN

0 50' 100'
SCALE IN FEET

CONSTRUCTION DRAWING

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

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UNISYS

TITLE: **SITE WORK PLAN**

PROJECT: **INTERIM REMEDIATION MEASURE #5**

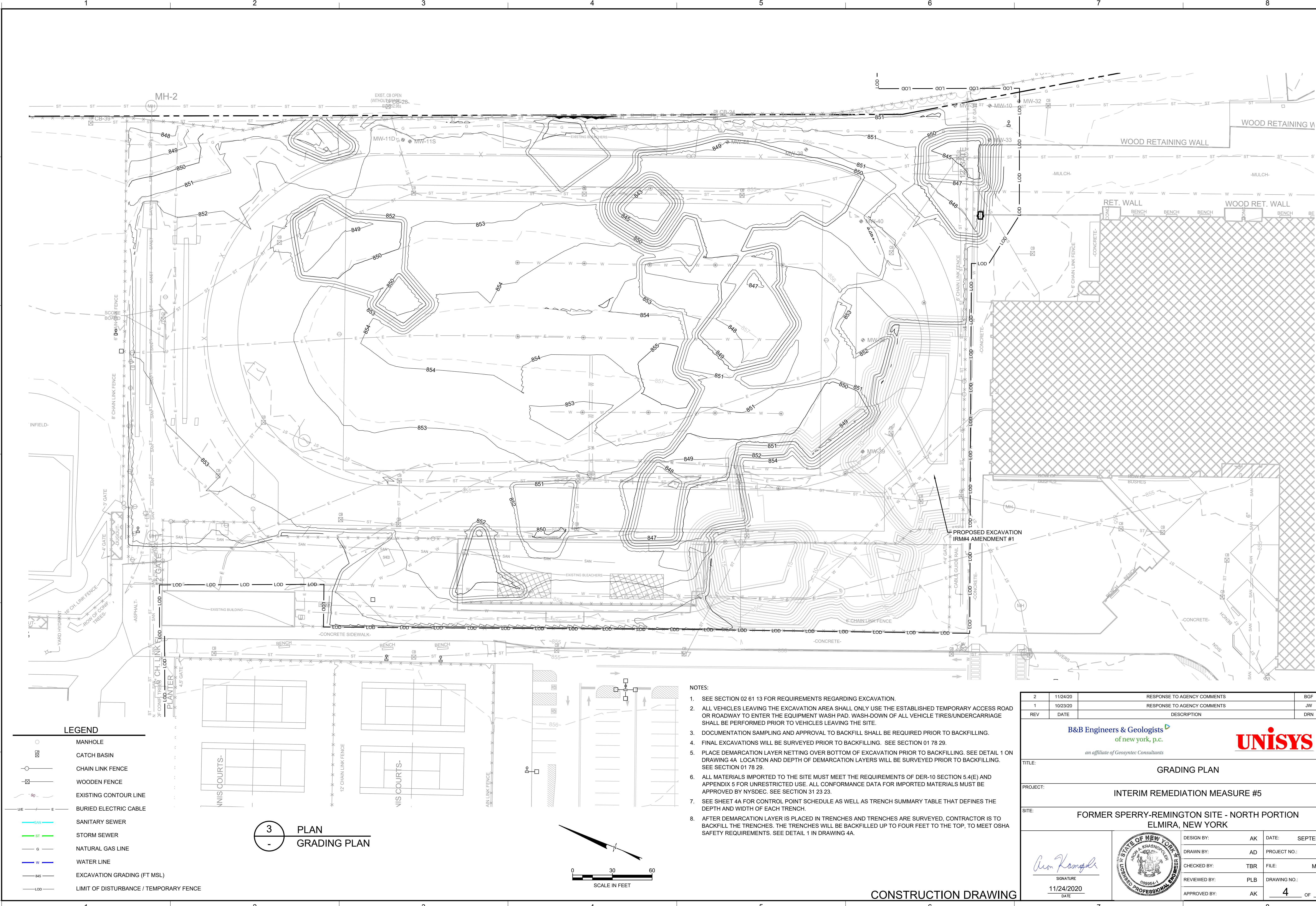
SITE: **FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK**

DESIGN BY:	AK	DATE:	SEPTEMBER 2020
DRAWN BY:	JWO	PROJECT NO.:	MN08321
CHECKED BY:	TBR	FILE:	MN08321-503
REVIEWED BY:	PLB	DRAWING NO.:	
APPROVED BY:	AK	3 OF 24	

Arun Karmali
SIGNATURE
11/24/2020
DATE

STATE OF NEW YORK
JASON A. KRASHINSKY
089954-1
LICENSED PROFESSIONAL ENGINEER

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LEGEND

- MANHOLE
- CATCH BASIN
- CHAIN LINK FENCE
- WOODEN FENCE
- EXISTING CONTOUR LINE
- BURIED ELECTRIC CABLE
- SANITARY SEWER
- STORM SEWER
- NATURAL GAS LINE
- WATER LINE
- EXCAVATION GRADING (FT MSL)
- LIMIT OF DISTURBANCE / TEMPORARY FENCE

3 PLAN
- GRADING PLAN

- NOTES:
1. SEE SECTION 02 61 13 FOR REQUIREMENTS REGARDING EXCAVATION.
 2. ALL VEHICLES LEAVING THE EXCAVATION AREA SHALL ONLY USE THE ESTABLISHED TEMPORARY ACCESS ROAD OR ROADWAY TO ENTER THE EQUIPMENT WASH PAD. WASH-DOWN OF ALL VEHICLE TIRES/UNDERCARRIAGE SHALL BE PERFORMED PRIOR TO VEHICLES LEAVING THE SITE.
 3. DOCUMENTATION SAMPLING AND APPROVAL TO BACKFILL SHALL BE REQUIRED PRIOR TO BACKFILLING.
 4. FINAL EXCAVATIONS WILL BE SURVEYED PRIOR TO BACKFILLING. SEE SECTION 01 78 29.
 5. PLACE DEMARCATION LAYER NETTING OVER BOTTOM OF EXCAVATION PRIOR TO BACKFILLING. SEE DETAIL 1 ON DRAWING 4A. LOCATION AND DEPTH OF DEMARCATION LAYERS WILL BE SURVEYED PRIOR TO BACKFILLING. SEE SECTION 01 78 29.
 6. ALL MATERIALS IMPORTED TO THE SITE MUST MEET THE REQUIREMENTS OF DER-10 SECTION 5.4(E) AND APPENDIX 5 FOR UNRESTRICTED USE. ALL CONFORMANCE DATA FOR IMPORTED MATERIALS MUST BE APPROVED BY NYSDEC. SEE SECTION 31 23 23.
 7. SEE SHEET 4A FOR CONTROL POINT SCHEDULE AS WELL AS TRENCH SUMMARY TABLE THAT DEFINES THE DEPTH AND WIDTH OF EACH TRENCH.
 8. AFTER DEMARCATION LAYER IS PLACED IN TRENCHES AND TRENCHES ARE SURVEYED, CONTRACTOR IS TO BACKFILL THE TRENCHES. THE TRENCHES WILL BE BACKFILLED UP TO FOUR FEET TO THE TOP, TO MEET OSHA SAFETY REQUIREMENTS. SEE DETAIL 1 IN DRAWING 4A.

CONSTRUCTION DRAWING

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

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TITLE: GRADING PLAN

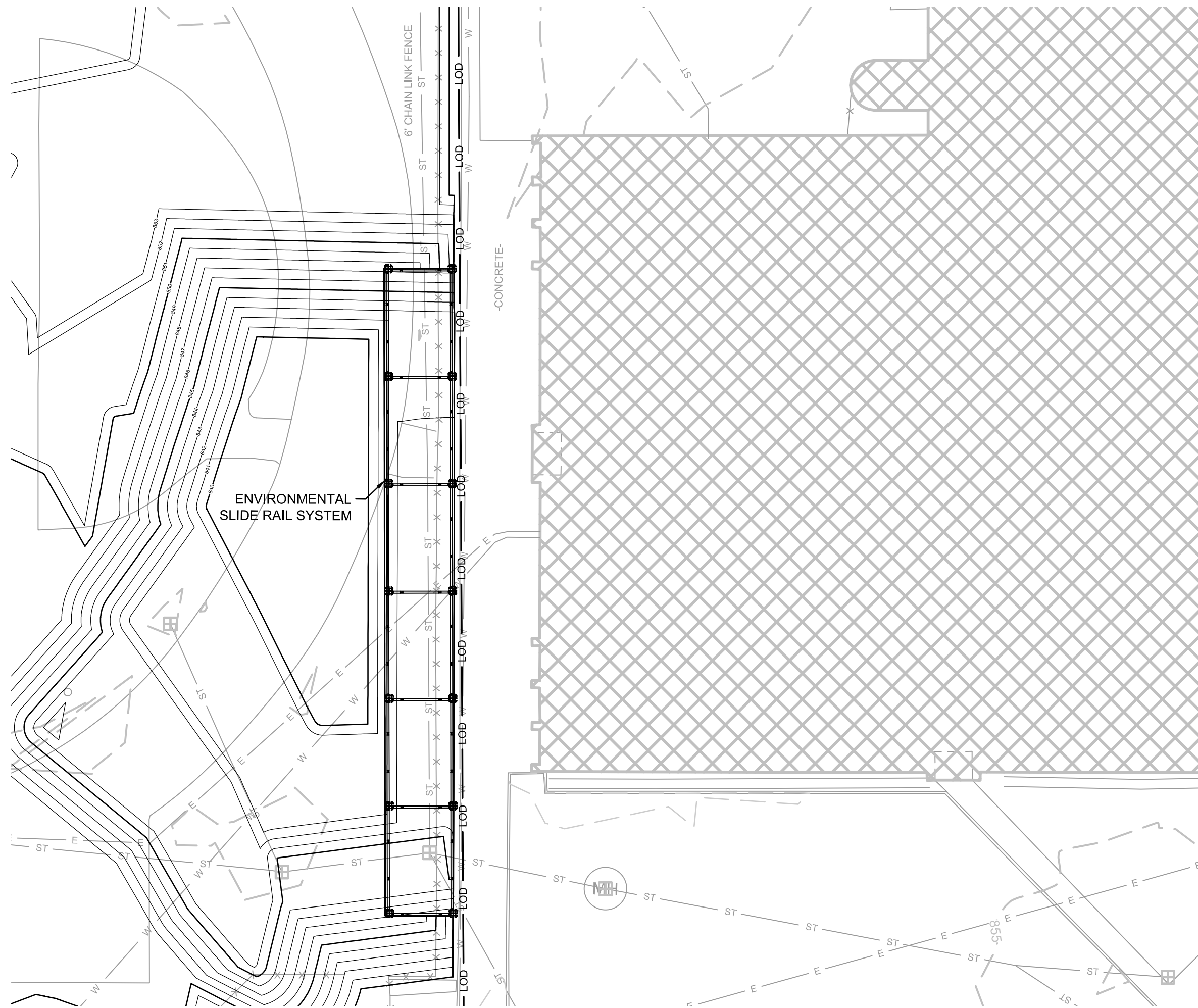
PROJECT: INTERIM REMEDIATION MEASURE #5

SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

DESIGN BY:	AK	DATE:	SEPTEMBER 2020
DRAWN BY:	AD	PROJECT NO.:	MN08321
CHECKED BY:	TBR	FILE:	MN08321-504
REVIEWED BY:	PLB	DRAWING NO.:	4 OF 24
APPROVED BY:	AK		

SIGNATURE: *Am Krasnow*
DATE: 11/24/2020

STATE OF NEW YORK
JASON A. KRASNOW
089954-1
REGISTERED PROFESSIONAL ENGINEER



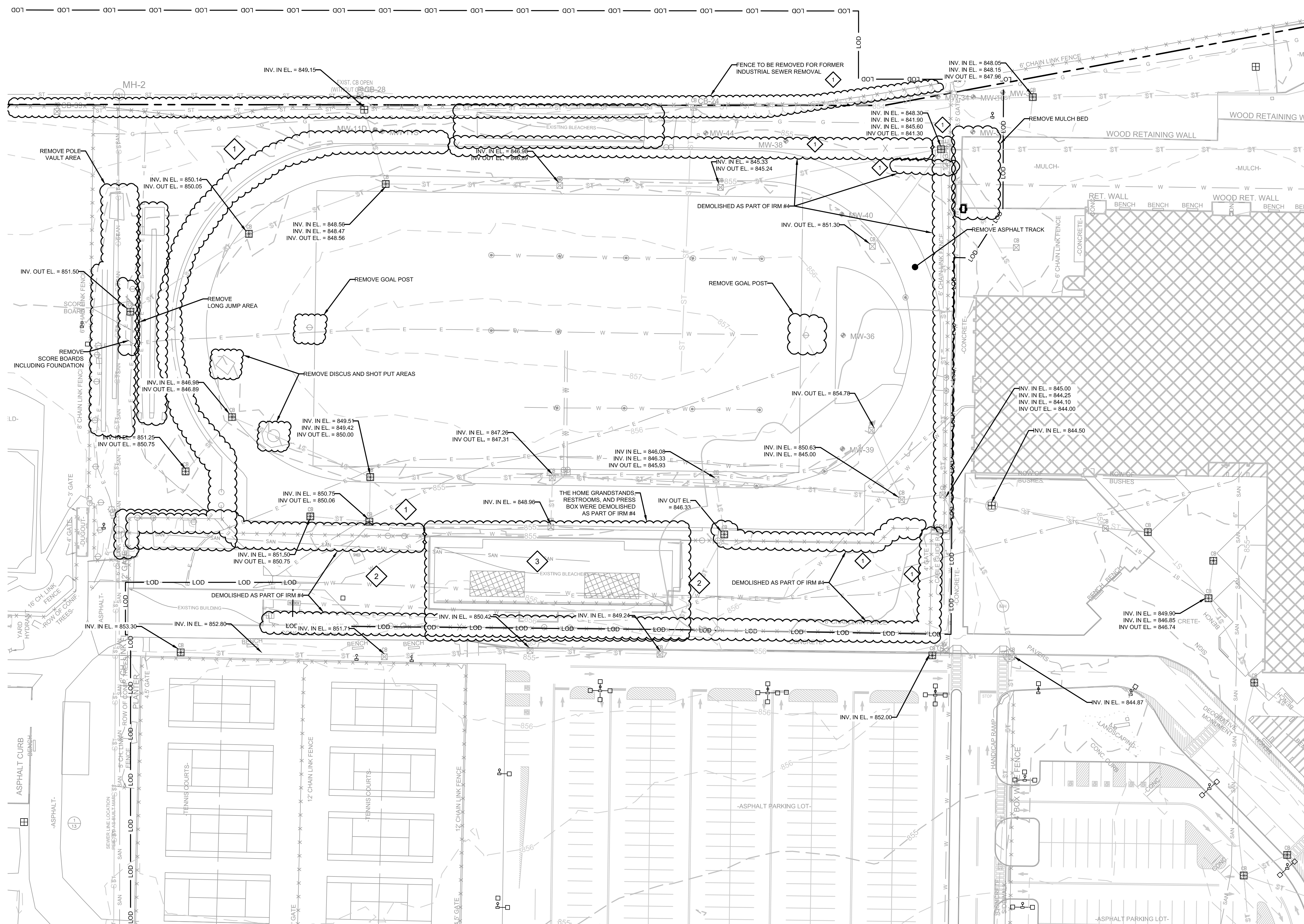
LEGEND			
	MANHOLE		HISTORIC SPOT ELEVATION
	CATCH BASIN		HISTORIC STRUCTURE
	CULVERT PIPE		EXISTING FOOTING
	CHAIN LINK FENCE		PROPOSED SPOT ELEVATION
	WOODEN FENCE		
	PROPERTY LINE		
	EXISTING CONTOUR LINE		
	EDGE OF WATER		
	EDGE OF WOODS OR BRUSH		
	BURIED ELECTRIC CABLE		
	SANITARY SEWER		
	STORM SEWER		
	NATURAL GAS LINE		
	WATER LINE		
	EXCAVATION LIMITS		
	LIMIT OF DISTURBANCE		
	BURIED FIBER OPTIC CABLE		
	TREE		

4 PLAN
- EXCAVATION SUPPORT

- NOTES:
- EXCAVATION SUPPORT TO BE INSTALLED AS PART OF IRM #4 AMENDMENT #1.
 - SEE SHEET 4 FOR GRADING PLAN.

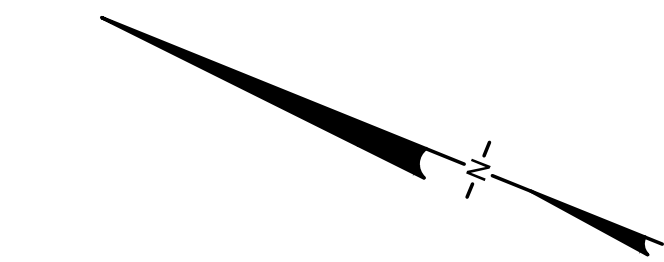
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1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
<div><div>B&B Engineers & Geologists of new york, p.c. <small>an affiliate of Geosyntec Consultants</small></div><div>UNISYS</div></div>				
TITLE: SUPPORT OF EXCAVATION PLAN				
PROJECT: INTERIM REMEDIATION MEASURE #5				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
 SIGNATURE				
11/24/2020 DATE		DESIGN BY: AK	DATE: SEPTEMBER 2020	
		DRAWN BY: JW	PROJECT NO.: MN0832I	
		CHECKED BY: TBR	FILE: MN0832I-505	
		REVIEWED BY: PLB	DRAWING NO.: 5 OF 24	
		APPROVED BY: AK		

CONSTRUCTION DRAWING



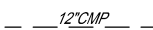
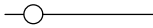

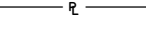









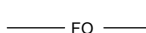




5
-
DETAIL
DEMOLITION

CONSTRUCTION DRAWING

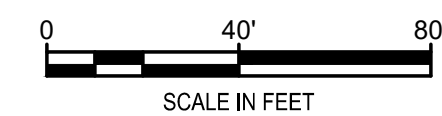


LEGEND

	MANHOLE
	CATCH BASIN
	CULVERT PIPE
	CHAIN LINK FENCE
	WOODEN FENCE
	PROPERTY LINE
	EXISTING CONTOUR LINE
	EDGE OF WATER
	EDGE OF WOODS OR BRUSH
	BURIED ELECTRIC CABLE
	SANITARY SEWER
	STORM SEWER
	NATURAL GAS LINE
	WATER LINE
	EXCAVATION LIMITS
	LIMIT OF DISTURBANCE
	BURIED FIBER OPTIC CABLE
	TREE

DEMOLITION NOTES:

- 1 REMOVE CHAIN-LINKED FENCE.
- 2 REMOVE ASPHALT PAVEMENT.
- 3 REMOVE BLEACHER FOUNDATIONS.



2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

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TITLE:	DEMOLITION PLAN
PROJECT:	INTERIM REMEDIATION MEASURE #5
SITE:	FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK

SIGNATURE

11/24/2020

DATE

DESIGN BY:	AK	DATE:	SEPTEMBER 2020
DRAWN BY:	JWO	PROJECT NO.:	MN08321
CHECKED BY:	TBR	FILE:	MN08321-506
REVIEWED BY:	PLB	DRAWING NO.:	
APPROVED BY:	AK		

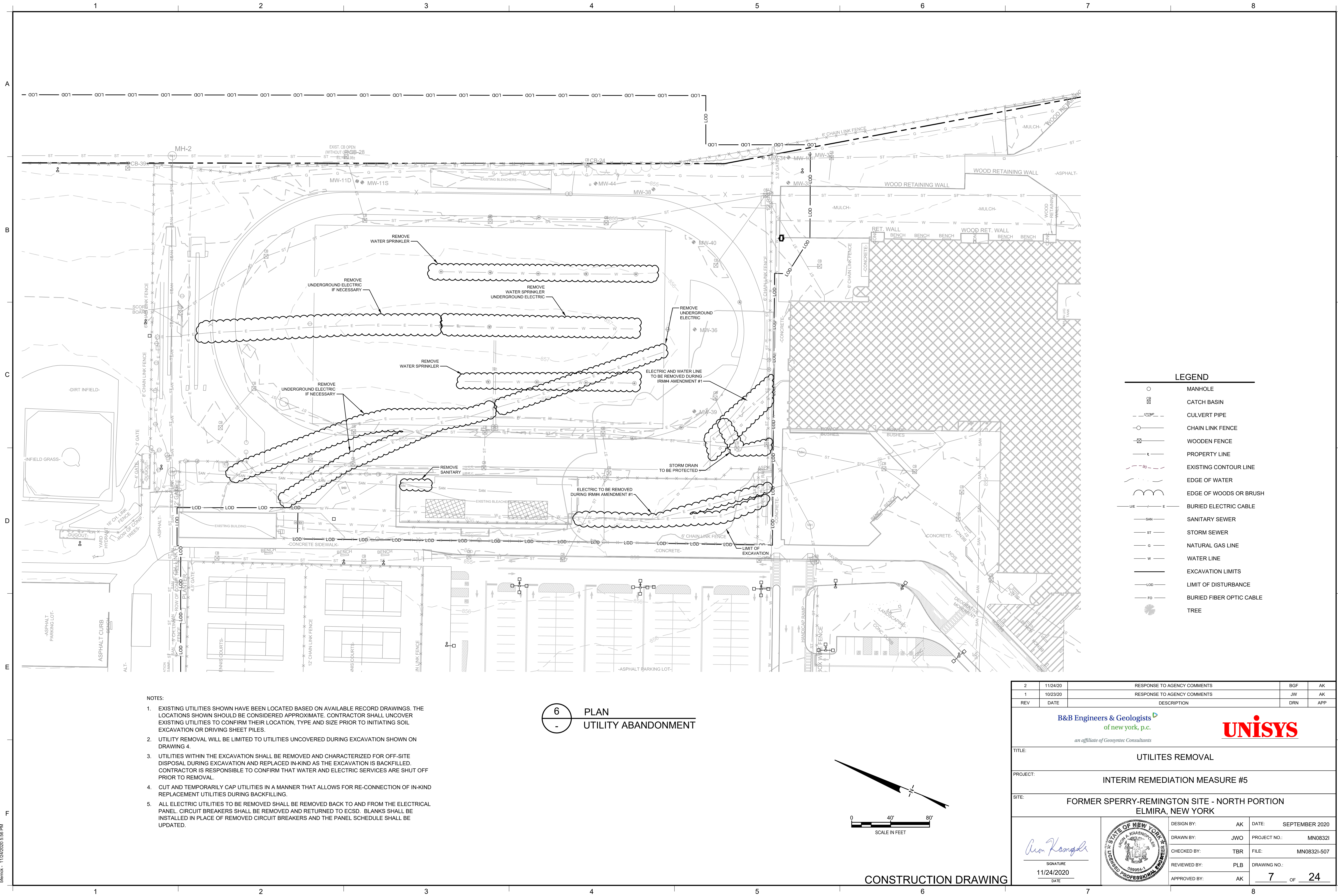
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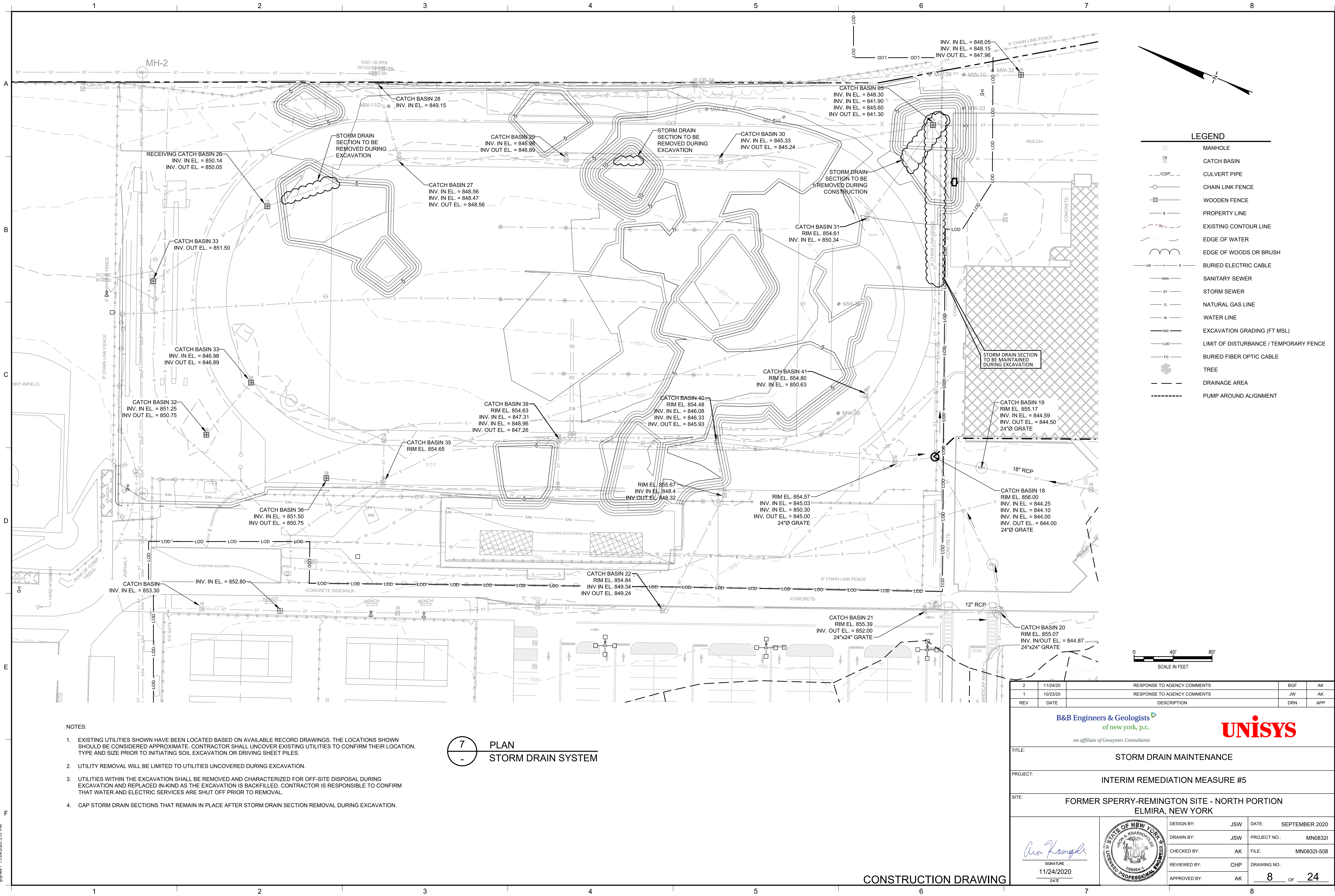
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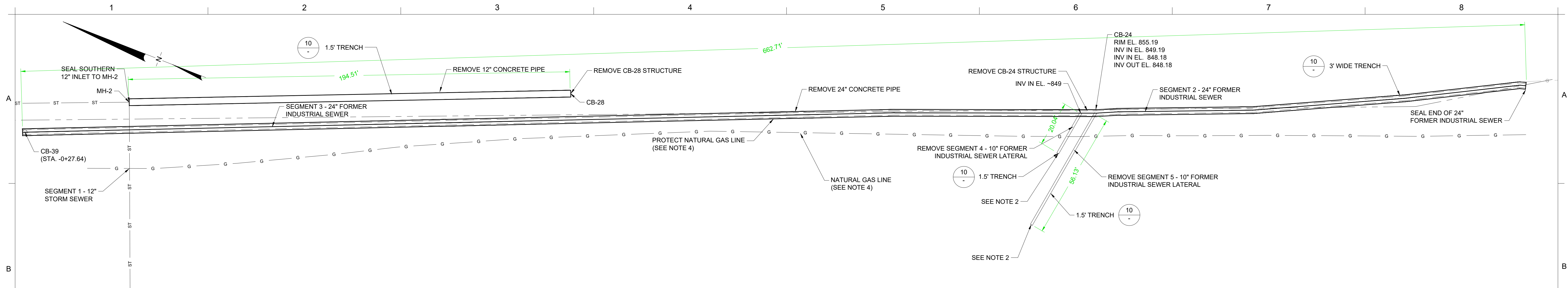
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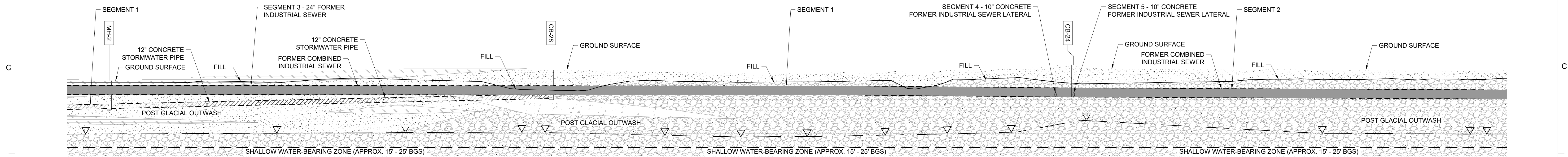
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of new york, p.c.
an affiliate of Geosyntec Consultants



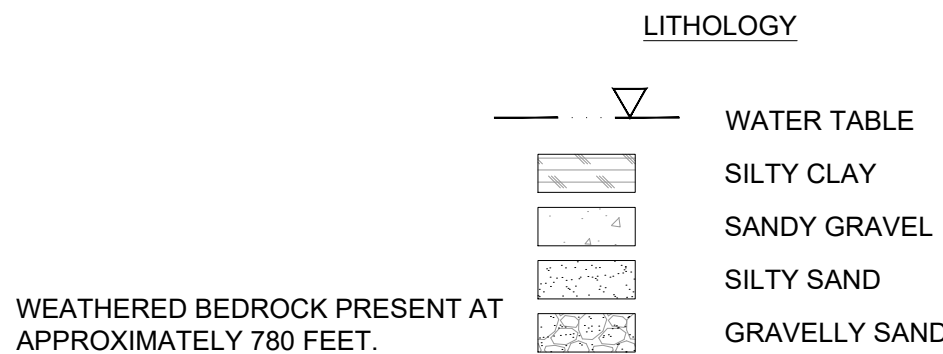
2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
B&B Engineers & Geologists of new york, p.c. an affiliate of Geosyntec Consultants				
UNISYS				
TITLE: STORM DRAIN MAINTENANCE				
PROJECT: INTERIM REMEDIATION MEASURE #5				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: JSW		DATE: SEPTEMBER 2020		
DRAWN BY: JSW		PROJECT NO.: MN08321		
CHECKED BY: AK		FILE: MN08321-508		
REVIEWED BY: CHP		DRAWING NO.:		
APPROVED BY: AK		8 OF 24		



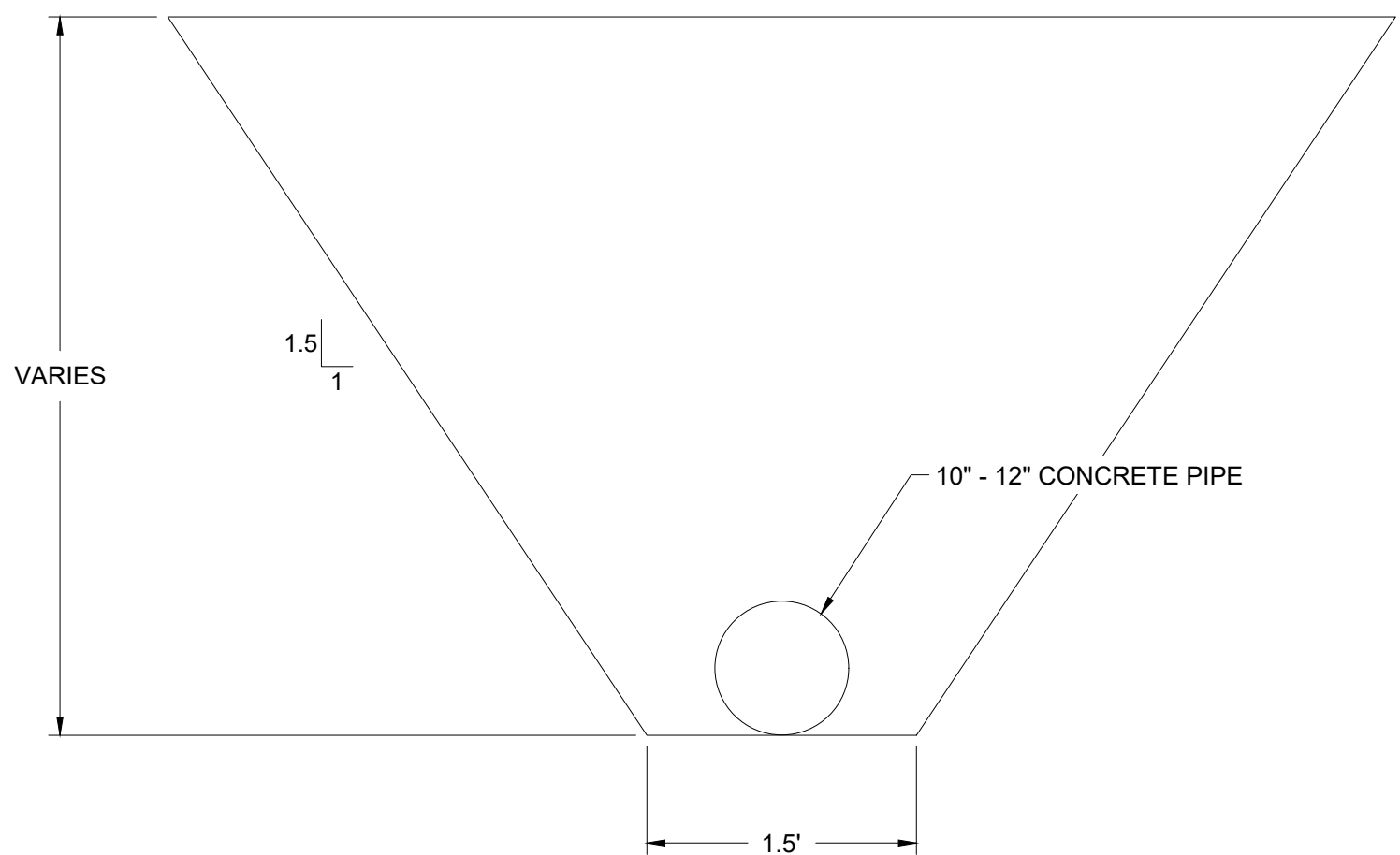
8 PLAN
FORMER COMBINED INDUSTRIAL SEWER
SCALE: 1" = 20'



9 PROFILE
FORMER COMBINED INDUSTRIAL SEWER
SCALE: 1" = 20'H - 10'V



- NOTES:
- FORMER INDUSTRIAL SEWER REMOVAL WILL BE CONDUCTED IN ACCORDANCE WITH SECTION 02 41 13.23. CONTRACTOR SHALL SUBMIT A SEWER REMOVAL WORK PLAN FOR NYSDEC APPROVAL.
 - THE LATEREAL EXTENT OF SEGMENTS 4 AND 5 TO THE WEST ARE UNDEFINED. TRENCHING TO REMOVE THOSE SECTIONS SHALL CONTINUE TO THE WEST UNTIL THE END OF THE SEGMENT IS ENCOUNTERED OR THE TRENCH INTERSECTS THE EXCAVATION GRADING PRESENTED ON SHEET 4.
 - TRENCH SPOILS WILL BE MANAGED AS NON-HAZARDOUS SOIL AS PRESENTED IN SECTION 02 61 13.
 - THE NATURAL GAS LINE LOCATED ALONG THE PROPERTY LINE WILL BE DECOMMISSIONED UNDER THE INTERIM SITE MANAGEMENT PLAN PRIOR TO IRM #5. SEGMENTS OF NATURAL GAS LINE ENCOUNTERED SHALL BE REMOVED AND THE REMAINING ENDS SHALL BE CAPPED.
 - DOCUMENTATION SAMPLING AND APPROVAL TO BACKFILL SHALL BE REQUIRED PRIOR TO BACKFILLING.
 - FINAL EXCAVATIONS WILL BE SURVEYED PRIOR TO BACKFILLING. SEE SECTION 01 78 29.
 - PLACE DEMARCATION LAYER NETTING OVER BOTTOM OF EXCAVATION PRIOR TO BACKFILLING. SEE DETAIL 31 ON DRAWING 19. LOCATION AND DEPTH OF DEMARCATION LAYERS WILL BE SURVEYED PRIOR TO BACKFILLING. SEE SECTION 01 78 29.
 - ALL MATERIALS IMPORTED TO THE SITE MUST MEET THE REQUIREMENTS OF DER-10 SECTION 5.4(e) AND APPENDIX 5 FOR UNRESTRICTED USE INCLUDING EMERGING CONTAMINANTS. ALL CONFORMANCE DATA FOR IMPORTED MATERIALS MUST BE APPROVED BY NYSDEC. SEE SECTION 31 23 23.

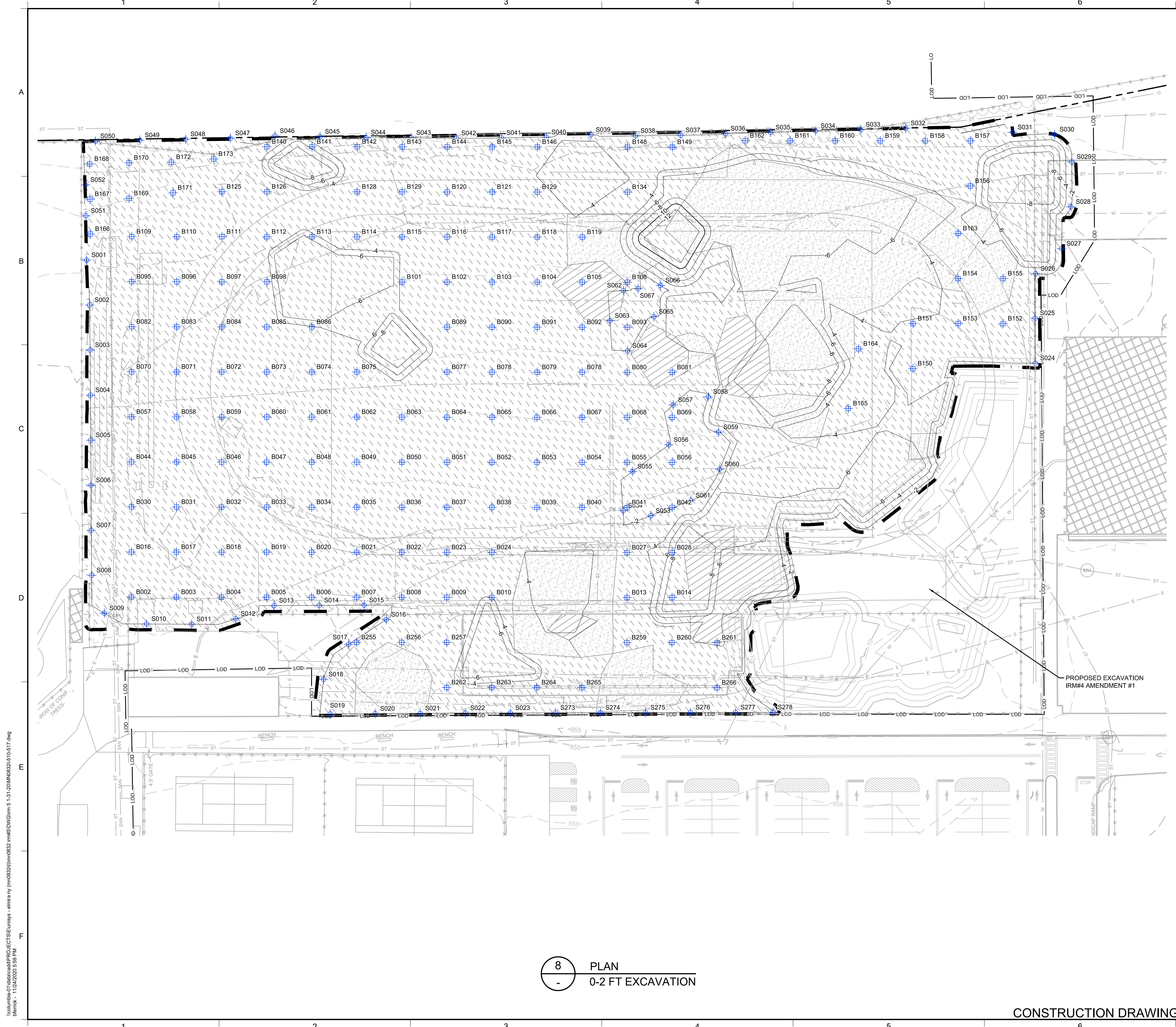


10 DETAIL
1.5 FOOT TRENCH
SCALE: NOT TO SCALE



CONSTRUCTION DRAWING

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
<div><div>B&B Engineers & Geologists of new york, p.c. an affiliate of Geosyntec Consultants</div><div>UNISYS</div></div>				
TITLE: FORMER INDUSTRIAL SEWER REMOVAL PLAN				
PROJECT: INTERIM REMEDIATION MEASURE #5				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
<div><div></div><div>SIGNATURE 11/24/2020 DATE</div></div>		<div><div></div><div>DESIGN BY: AK DRAWN BY: AD CHECKED BY: TBR REVIEWED BY: PLB APPROVED BY: AK</div></div>		
		DATE: SEPTEMBER 2020	PROJECT NO.: MN0832I	
		FILE: MN0832I-509	DRAWING NO.: 9 OF 24	



LEGEND

PRE-DELINEATION
CONFIRMATION SAMPLE

MANHOLE

CATCH BASIN

CULVERT PIPE

CHAIN LINK FENCE

WOODEN FENCE

PROPERTY LINE

EXISTING CONTOUR LINE

EDGE OF WATER

EDGE OF WOODS OR BRUSH

BURIED ELECTRIC CABLE

SANITARY SEWER

STORM SEWER

NATURAL GAS LINE

WATER LINE

EXCAVATION LIMITS

LIMIT OF DISTURBANCE

BURIED FIBER OPTIC CABLE

TREE

S040
SIDEWALL CONFIRMATION SAMPLE

B028
BOTTOM SAMPLE

NON RCRA/TSCA FOR OFF-SITE
DISPOSAL
(PCBS >=10 AND < 50 MG/KG)

TSCA SOILS FOR OFF-SITE
DISPOSAL
(PCBS >= 50 MG/KG)

LAYBACK SOIL TO BE REUSED AS
BACKFILL PENDING TESTING

- NOTES:
1. SEE SHEET 2 FOR GENERAL NOTES.

2. SEE SHEET 4 FOR GRADING PLAN.

3. SEE SECTION 026113 FOR REQUIREMENTS REGARDING EXCAVATION.

4. EXCAVATED SOILS WITH PCBs BELOW 50 Mg/Kg SHALL BE SEGREGATED AND STOCKPILED AT THE MATERIAL STAGING AREA FOR SAMPLING PURSUANT TO THE CATEGORIES SHOWN.

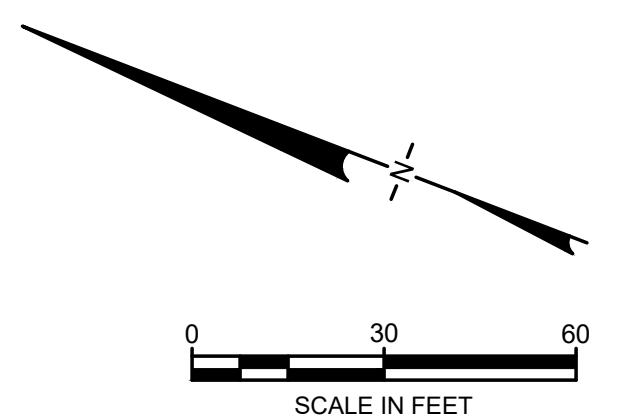
5. SOILS WITH PCBs > 50 Mg/Kg SHALL BE BROUGHT TO A TSCA ACCUMULATION AREA FOR LOADING FOR OFF-SITE DISPOSAL. TEMPORARY TSCA TRANSIT ROAD SHALL BE PLACED OVER NON-TSCA AREAS WHEN BRINGING THESE SOILS TO THE TSCA ACCUMULATION AREA.

6. SOILS IN METALS-DRIVEN IRM SHALL BE BROUGHT TO METALS STAGING AREA.

7. LAYBACK SOILS SHOWN ON SHEETS 10 TO 15 SHALL BE SEGREGATED AND STOCKPILED AT THE MATERIAL STAGING AREA FOR SAMPLING BY THE ENGINEER FOR POTENTIAL REUSE PER DER-10 SECTION 5.4(e).

8. SIDEWALL AND BOTTOM SAMPLE LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BASED ON FELD OBSERVATIONS AND CHANGES TO THE EXCAVATION PLAN.

9. APPROVAL OF ENGINEER AND NYSDC REQUIRED BEFORE BACKFILLING AREAS WHERE CONFIRMATION SIDEWALL AND BOTTOM SAMPLES ARE COLLECTED.



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8

PLAN

0-2 FT EXCAVATION

CONSTRUCTION DRAWING

211/24/20RESPONSE TO AGENCY COMMENTS

10/23/20RESPONSE TO AGENCY COMMENTS

REVDATEDESCRIPTION

BGFAKJWAKDRNAPP

B&B Engineers & Geologists
of new york, p.c.
an affiliate of Geosyntec Consultants

UNISYS

TITLE:0-2 FT EXCAVATION

PROJECT:INTERIM REMEDIATION MEASURE #5

SITE:FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

SIGNATURE
11/24/2020
DATE

STATE OF NEW YORK
RON K. KRASNOWSKI
08954
PROFESSIONAL ENGINEER

DESIGN BY:JSWDATE:SEPTEMBER 2020

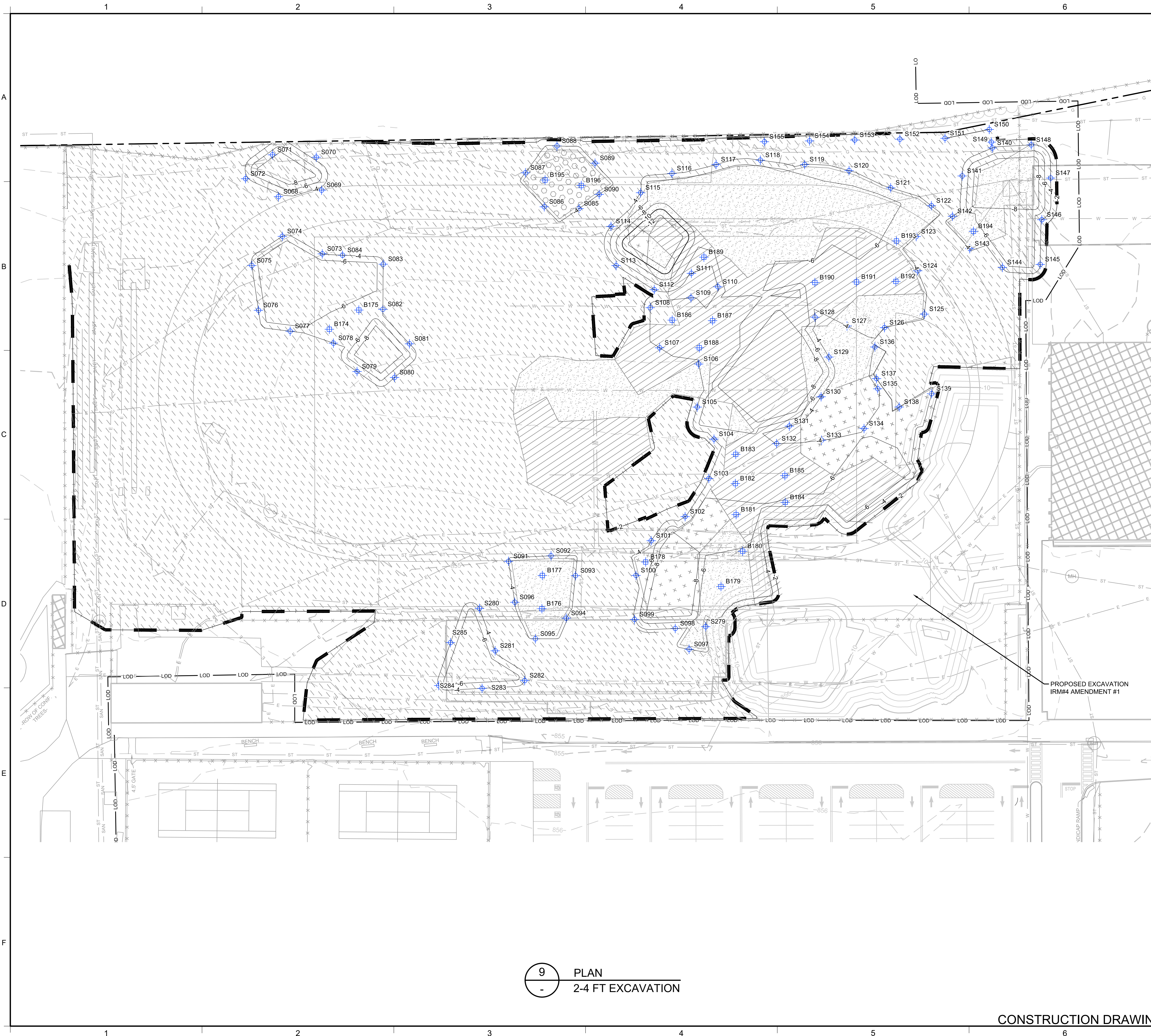
DRAWN BY:JSWPROJECT NO.:MN0832I

CHECKED BY:AKFILE:MN0832I-510-517

REVIEWED BY:CHPDRAWING NO.:

APPROVED BY:AK10 OF 24

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LEGEND

PRE-DELINEATION
CONFIRMATION SAMPLE

MANHOLE

CATCH BASIN

CULVERT PIPE

CHAIN LINK FENCE

WOODEN FENCE

PROPERTY LINE

EXISTING CONTOUR LINE

EDGE OF WATER

EDGE OF WOODS OR BRUSH

BURIED ELECTRIC CABLE

SANITARY SEWER

STORM SEWER

NATURAL GAS LINE

WATER LINE

EXCAVATION LIMITS

LIMIT OF DISTURBANCE

BURIED FIBER OPTIC CABLE

TREE

SIDEWALL CONFIRMATION SAMPLE

BOTTOM SAMPLE

NON RCRA/TSCA FOR OFF-SITE
DISPOSAL
(PCBS >= 10 AND < 50 MG/KG)

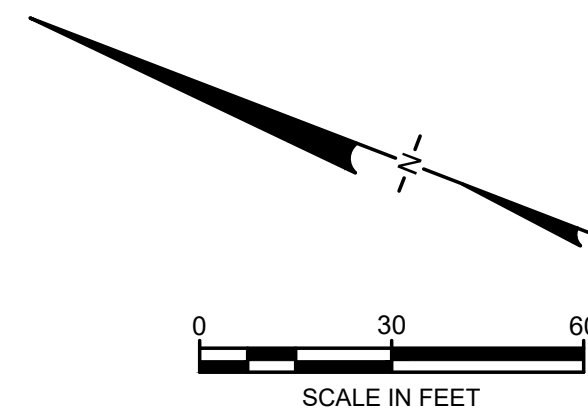
TSCA SOILS FOR OFF-SITE
DISPOSAL
(PCBS >= 50 MG/KG)

LAYBACK SOIL TO BE REUSED AS
BACKFILL PENDING TESTING

METALS-DRIVEN IRM

PAHs-DRIVEN IRM

- NOTES:
- SEE SHEET 2 FOR GENERAL NOTES.
 - SEE SHEET 4 FOR GRADING PLAN.
 - SEE SECTION 026113 FOR REQUIREMENTS REGARDING EXCAVATION.
 - EXCAVATED SOILS WITH PCBs BELOW 50 Mg/Kg SHALL BE SEGREGATED AND STOCKPILED AT THE MATERIAL STAGING AREA FOR SAMPLING PURSUANT TO THE CATEGORIES SHOWN.
 - SOILS WITH PCBs > 50 Mg/Kg SHALL BE BROUGHT TO A TSCA ACCUMULATION AREA FOR LOADING FOR OFF-SITE DISPOSAL. TEMPORARY TSCA TRANSIT ROAD SHALL BE PLACED OVER NON-TSCA AREAS WHEN BRINGING THESE SOILS TO THE TSCA ACCUMULATION AREA.
 - SOILS IN METALS-DRIVEN IRM SHALL BE BROUGHT TO METALS STAGING AREA.
 - LAYBACK SOILS SHOWN ON SHEETS 10 TO 15 SHALL BE SEGREGATED AND STOCKPILED AT THE MATERIAL STAGING AREA FOR SAMPLING BY THE ENGINEER FOR POTENTIAL REUSE PER DER-10 SECTION 5.4(e).
 - SIDEWALL AND BOTTOM SAMPLE LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BASED ON FIELD OBSERVATIONS AND CHANGES TO THE EXCAVATION PLAN.
 - APPROVAL OF ENGINEER AND NYSDEC REQUIRED BEFORE BACKFILLING AREAS WHERE CONFIRMATION SIDEWALL AND BOTTOM SAMPLES ARE COLLECTED.



2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

B&B Engineers & Geologists
of new york, p.c.
an affiliate of Geosyntec Consultants

UNISYS

TITLE:

2-4 FT EXCAVATION

PROJECT:

INTERIM REMEDIATION MEASURE #5

SITE:

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

SIGNATURE
11/24/2020
DATE

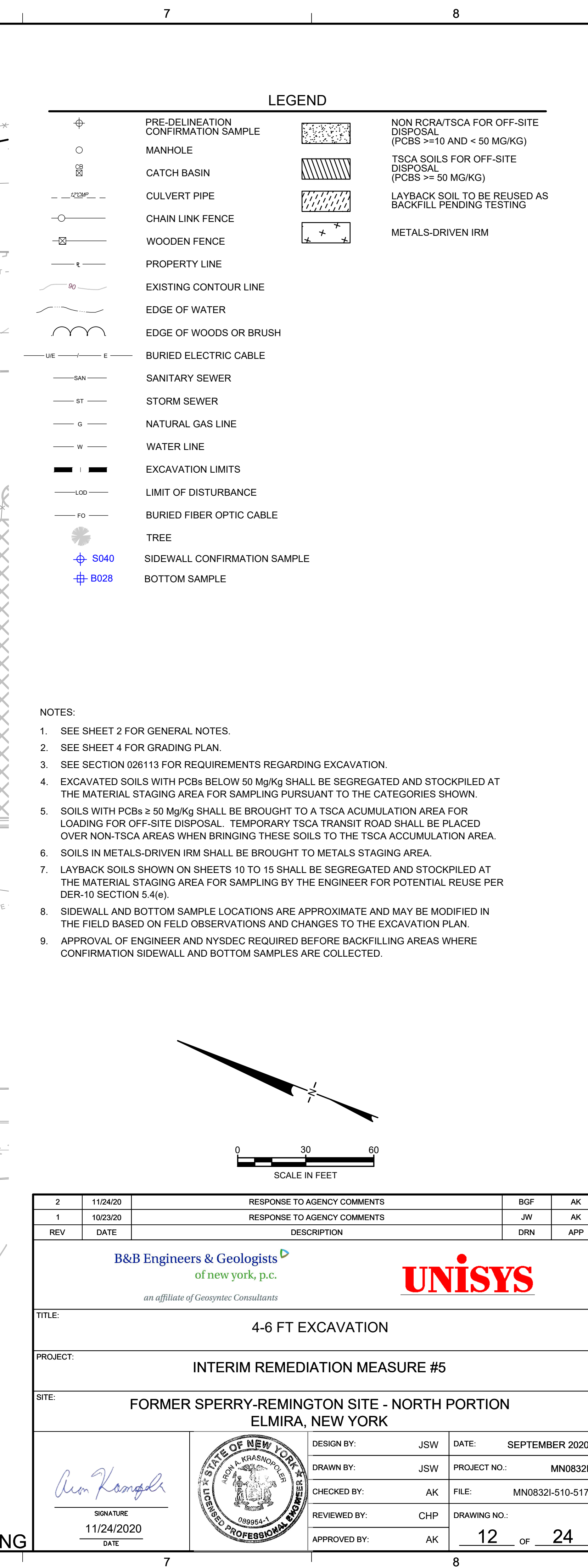
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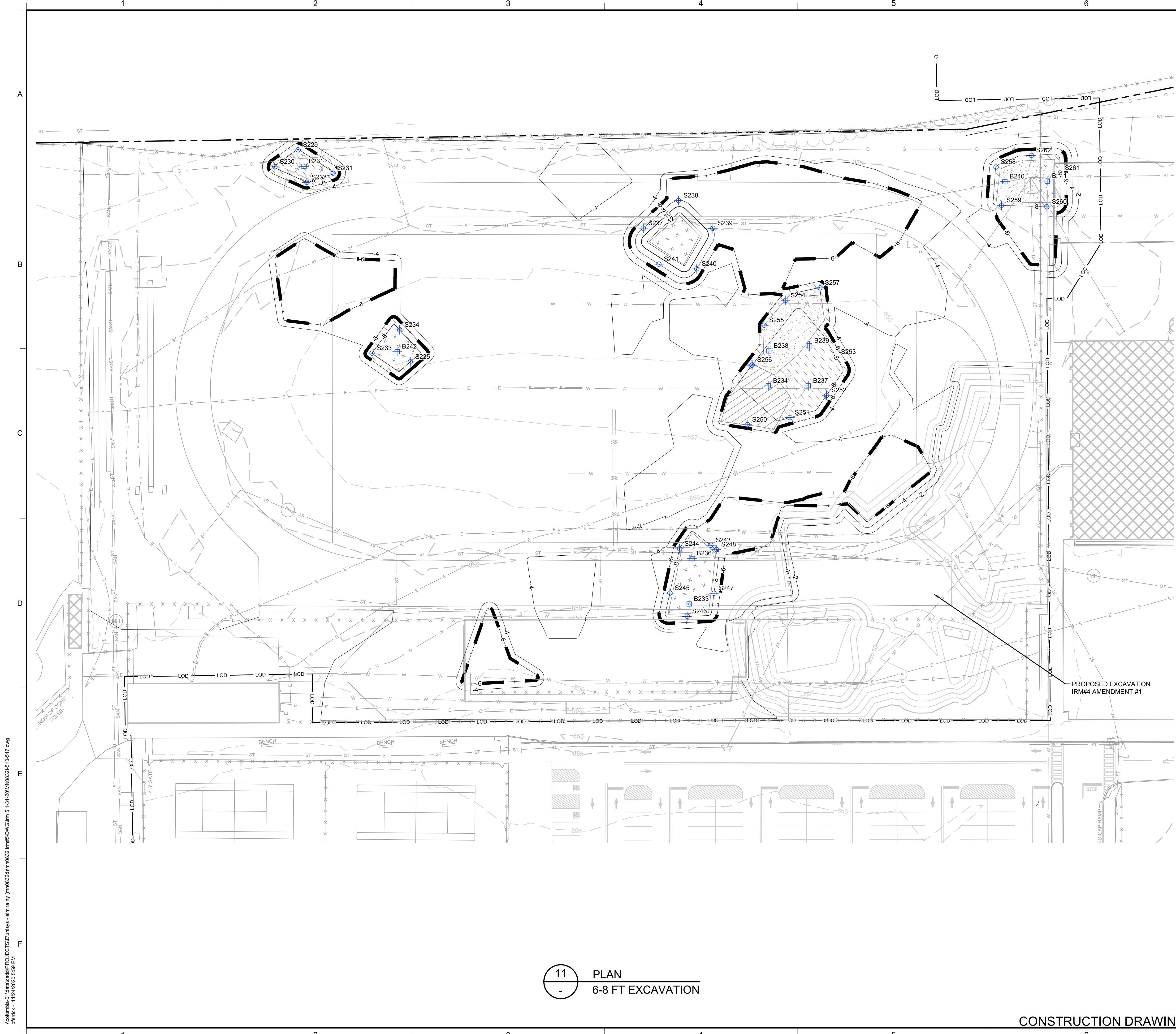
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CHECKED BY:AKFILE:MN0832I-510-517

REVIEWED BY:CHPDRAWING NO.:11 OF 24

APPROVED BY:AK





LEGEND

PRE-DELINEATION
CONFIRMATION SAMPLE

MANHOLE

CATCH BASIN

CULVERT PIPE

CHAIN LINK FENCE

WOODEN FENCE

PROPERTY LINE

EXISTING CONTOUR LINE

EDGE OF WATER

EDGE OF WOODS OR BRUSH

BURIED ELECTRIC CABLE

SANITARY SEWER

STORM SEWER

NATURAL GAS LINE

WATER LINE

EXCAVATION LIMITS

LIMIT OF DISTURBANCE

BURIED FIBER OPTIC CABLE

TREE

SIDOWALL CONFIRMATION SAMPLE

BOTTOM SAMPLE

NON RCRA/TSCA FOR OFF-SITE
DISPOSAL
(PCBS >=10 AND < 50 MG/KG)

TSCA SOILS FOR OFF-SITE
DISPOSAL
(PCBS >= 50 MG/KG)

LAYBACK SOIL TO BE REUSED AS
BACKFILL PENDING TESTING

METALS-DRIVEN IRM

- NOTES:
1. SEE SHEET 2 FOR GENERAL NOTES.

2. SEE SHEET 4 FOR GRADING PLAN.

3. SEE SECTION 026113 FOR REQUIREMENTS REGARDING EXCAVATION.

4. EXCAVATED SOILS WITH PCBs BELOW 50 Mg/Kg SHALL BE SEGREGATED AND STOCKPILED AT THE MATERIAL STAGING AREA FOR SAMPLING PURSUANT TO THE CATEGORIES SHOWN.

5. SOILS WITH PCBs > 50 Mg/Kg SHALL BE BROUGHT TO A TSCA ACUMULATION AREA FOR LOADING FOR OFF-SITE DISPOSAL. TEMPORARY TSCA TRANSIT ROAD SHALL BE PLACED OVER NON-TSCA AREAS WHEN BRINGING THESE SOILS TO THE TSCA ACCUMULATION AREA.

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7. LAYBACK SOILS SHOWN ON SHEETS 10 TO 15 SHALL BE SEGREGATED AND STOCKPILED AT THE MATERIAL STAGING AREA FOR SAMPLING BY THE ENGINEER FOR POTENTIAL REUSE PER DER-10 SECTION 5.4(e).

8. SIDEWALL AND BOTTOM SAMPLE LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BASED ON FIELD OBSERVATIONS AND CHANGES TO THE EXCAVATION PLAN.

9. APPROVAL OF ENGINEER AND NYSDEC REQUIRED BEFORE BACKFILLING AREAS WHERE CONFIRMATION SIDEWALL AND BOTTOM SAMPLES ARE COLLECTED.

2

11/24/20

RESPONSE TO AGENCY COMMENTS

BGF

AK

1

10/23/20

RESPONSE TO AGENCY COMMENTS

JW

AK

REV

DATE

DESCRIPTION

DRN

APP

B&B Engineers & Geologists
of new york, p.c.
an affiliate of Geosyntec Consultants

TITLE:

6-8 FT EXCAVATION

PROJECT:

INTERIM REMEDIATION MEASURE #5

SITE:

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK

SIGNATURE
11/24/2020
DATE

DESIGN BY:

JSW

DATE:

SEPTEMBER 2020

DRAWN BY:

JSW

PROJECT NO.:

MN0832I

CHECKED BY:

AK

FILE:

MN0832I-510-517

REVIEWED BY:

CHP

DRAWING NO.:

13 OF 24

APPROVED BY:

AK

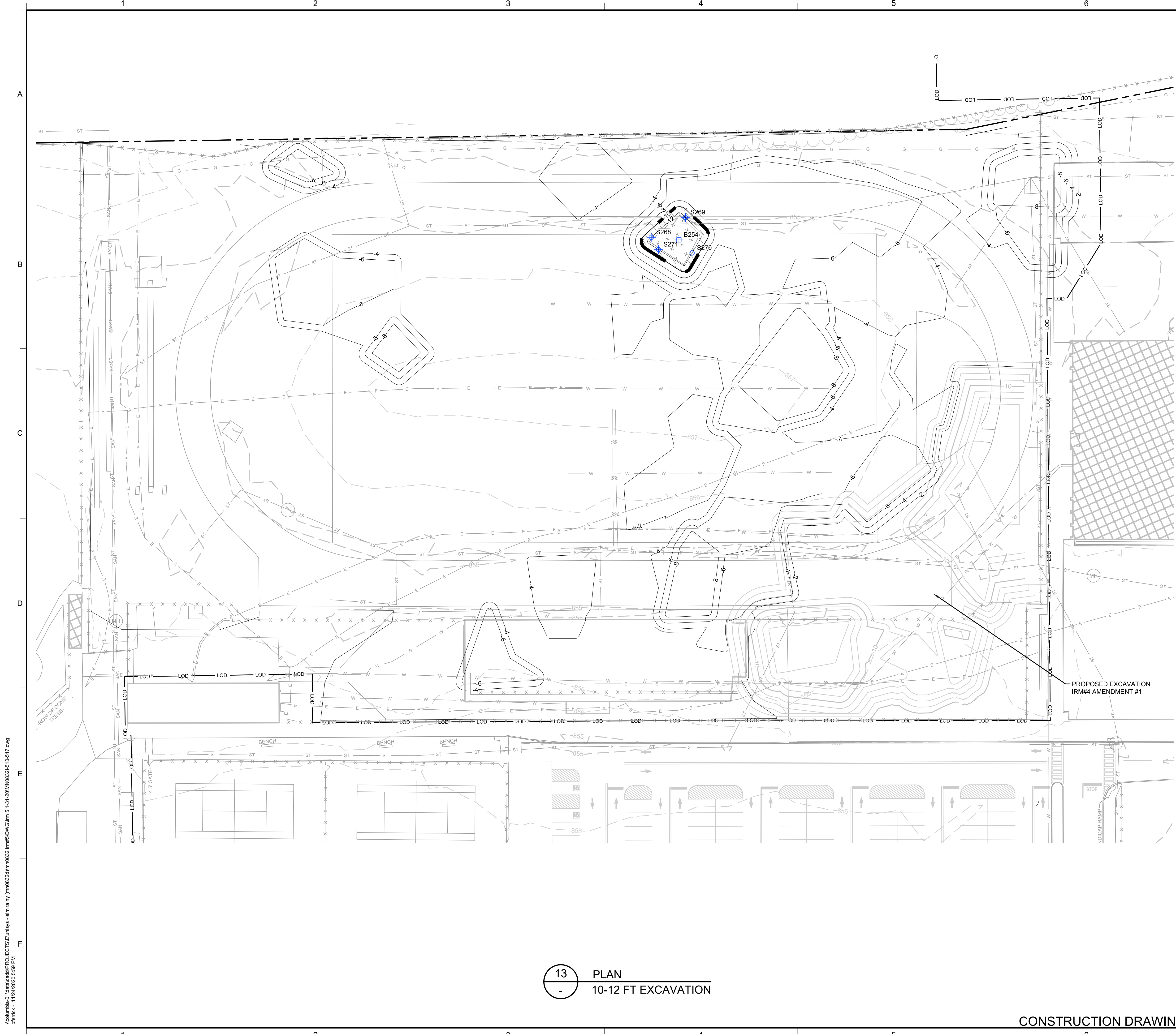
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11

PLAN

6-8 FT EXCAVATION

CONSTRUCTION DRAWING



LEGEND

PRE-DELINEATION
CONFIRMATION SAMPLE

MANHOLE

CATCH BASIN

CULVERT PIPE

CHAIN LINK FENCE

WOODEN FENCE

PROPERTY LINE

EXISTING CONTOUR LINE

EDGE OF WATER

EDGE OF WOODS OR BRUSH

BURIED ELECTRIC CABLE

SANITARY SEWER

STORM SEWER

NATURAL GAS LINE

WATER LINE

EXCAVATION LIMITS

LIMIT OF DISTURBANCE

BURIED FIBER OPTIC CABLE

TREE

SIDOWALL CONFIRMATION SAMPLE

BOTTOM SAMPLE

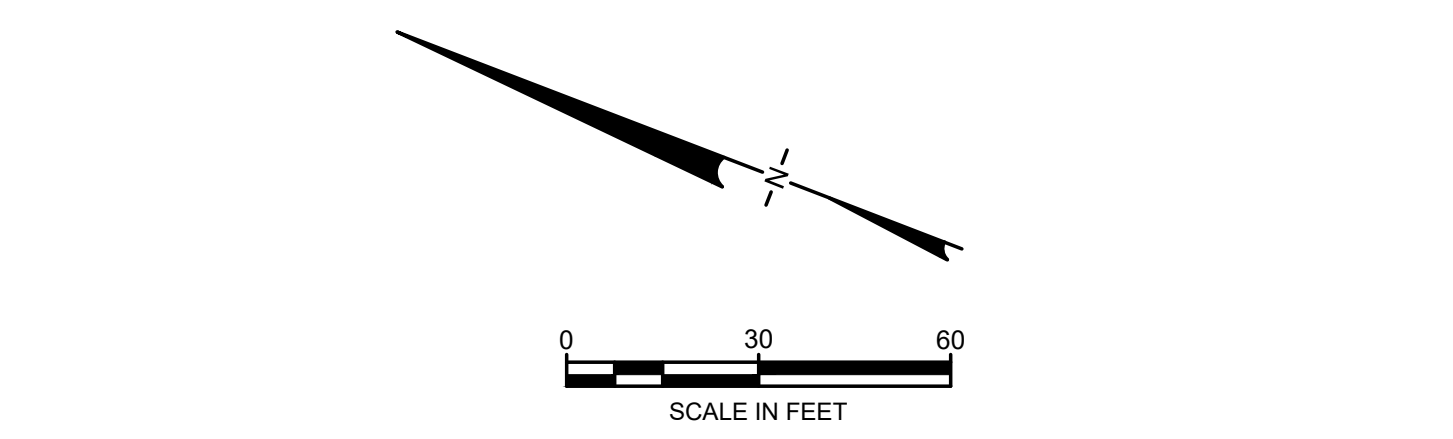
NON RCRA/TSCA FOR OFF-SITE
DISPOSAL
(PCBS >=10 AND < 50 MG/KG)

TSCA SOILS FOR OFF-SITE
DISPOSAL
(PCBS >= 50 MG/KG)

LAYBACK SOIL TO BE REUSED AS
BACKFILL PENDING TESTING

METALS-DRIVEN IRM

- NOTES:
- SEE SHEET 2 FOR GENERAL NOTES.
 - SEE SHEET 4 FOR GRADING PLAN.
 - SEE SECTION 026113 FOR REQUIREMENTS REGARDING EXCAVATION.
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 - SIDEWALL AND BOTTOM SAMPLE LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BASED ON FELD OBSERVATIONS AND CHANGES TO THE EXCAVATION PLAN.
 - APPROVAL OF ENGINEER AND NYSDEC REQUIRED BEFORE BACKFILLING AREAS WHERE CONFIRMATION SIDEWALL AND BOTTOM SAMPLES ARE COLLECTED.



2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

B&B Engineers & Geologists
of new york, p.c.
an affiliate of Geosyntec Consultants

UNISYS

TITLE:


10-12 FT EXCAVATION


PROJECT:

INTERIM REMEDIATION MEASURE #5

SITE:

FORMER SPERRY-REMINGTON SITE - NORTH PORTION
ELMIRA, NEW YORK


SIGNATURE
11/24/2020
DATE



DESIGN BY: JSW

DATE: SEPTEMBER 2020

DRAWN BY: JSW

PROJECT NO.: MN0832I

CHECKED BY: AK

FILE: MN0832I-510-517

REVIEWED BY: CHP

DRAWING NO.: 15 OF 24

APPROVED BY: AK



1. NON-HAZARDOUS SOILS NOT APPROVED FOR OFF-SITE DISPOSAL SHALL BE STAGED IN WINDROW STOCKPILES FOR WASTE CHARACTERIZATION.
2. UPON REMOVAL OF STOCKPILE AREAS, EXISTING SURFACE SOILS UNDER STOCKPILE AREAS WHICH ARE NOT DESIGNATED FOR REMOVAL DURING FUTURE REMEDIAL ACTIONS SHALL BE SAMPLED AT FREQUENCY OF ONE SAMPLER PER 3600 FT2 TO DOCUMENT SOIL QUALITY.

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>B&B Engineers & Geologists </p> <p>of new york, p.c.</p> <p><i>an affiliate of Geosyntec Consultants</i></p> </div> <div style="text-align: center;"> </div> </div>				
<p>TITLE: MATERIAL STAGING AREA PLAN (MSA) PLAN</p>				
<p>PROJECT: INTERIM REMEDIATION MEASURE #5</p>				
<p>SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK</p>				
 SIGNATURE		 08995-1-1 PROFESSIONAL ENGINEER		
		DESIGN BY:	AK	DATE: SEPTEMBER 2020
		DRAWN BY:	JWO	PROJECT NO.: MN08321
		CHECKED BY:	TBR	FILE: MN08321-518
		REVIEWED BY:	PLB	DRAWING NO.:
		APPROVED BY:	AK	<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 5px; font-size: 24px; font-weight: bold;">16</div> <div style="margin: 0 10px;">OF</div> <div style="border: 1px solid black; padding: 5px; font-size: 24px; font-weight: bold;">24</div> </div> </div>

CONSTRUCTION DRAWING

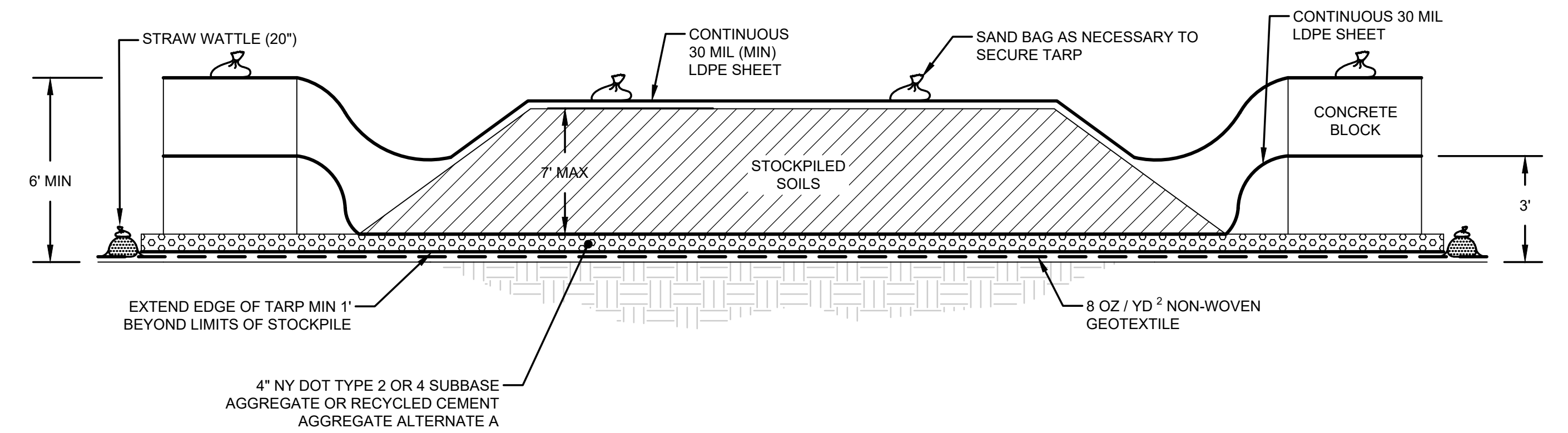


Diagram illustrating the assembly of a straw wattle and concrete block. A vertical line represents the straw wattle, with a label "STRAW WATTLE" pointing to it. A horizontal line represents the concrete block, with a label "CONCRETE BLOCK" pointing to it. The concrete block is shown with a cross-section, labeled "A" and "B". A circular symbol with the number "47" and "##" is shown above the concrete block.

- TSCA ACCUMULATION AREA NOTES:**
1. THE HEIGHT OF THE SOIL STOCKPILE SHALL NOT EXCEED THE HEIGHT OF THE SURROUNDING CONCRETE BLOCKS. ADDITIONAL CONCRETE BLOCKS MAY BE PLACED TO INCREASE THE HEIGHT WITH THE APPROVAL OF THE ENGINEER AND NYSDEC.
 2. THE AREA SHALL BE CONSTRUCTED WITH AN IMPERMEABLE LINER EXTENDING OVER THE TOP OF THE LOWEST CONCRETE BLOCK. RUNOFF AND LEACHATE IN THIS AREA WILL BE COLLECTED FOR OFF-SITE DISPOSAL. AT THE END OF EACH WORK DAY AND DURING HEAVY RAIN EVENTS, CONTRACTOR SHALL COMPLETELY COVER STOCKPILED SOILS WITH A TARP THAT EXTENDS OVER THE HIGHEST CONCRETE BLOCK AND IS SECURED WITH SAND BAGS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING PCB-IMPACTED MATERIALS DO NOT MIGRATE FROM STAGING AND STOCKPILE LOCATIONS.
 3. ALL STORMWATER RUNOFF SHALL BE CAPTURED WITHIN THE TSCA ACCUMULATION AREA AND NOT ALLOWED TO RUNOFF OR INFILTRATE.
 4. THE AREA SHALL BE SLOPED SO THAT RUNOFF DRAINS TO THE SUMP LOCATED AT THE LOWEST POINT. ADDITIONAL SUMPS MAY BE INSTALLED AT OTHER LOW SPOTS WITHIN THE AREA AS NECESSARY.
 5. ANY WATER COLLECTED WITHIN THE SUMP SHALL BE SEGREGATED, CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL STATE AND FEDERAL REGULATIONS.
 6. UPON REMOVAL OF TSCA ACCUMULATION AND LOADING AREAS, EXISTING SHALLOW SOILS SHALL BE SAMPLED AT FREQUENCY OF ONE SAMPLER PER 3600 FT² TO DOCUMENT SOIL QUALITY.

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

B&B Engineers & Geologists

of new york, p.c.

an affiliate of Geosyntec Consultants

TITLE:	TSCA ACCUMULATION AREA PLAN
PROJECT:	INTERIM REMEDIATION MEASURE #5
SITE:	FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK

SIGNATURE

11/24/2020

DATE

DESIGN BY:	AK	DATE:	SEPTEMBER 2020
DRAWN BY:	AD	PROJECT NO.:	MN08321
CHECKED BY:	TBR	FILE:	MN08321-519
REVIEWED BY:	PLB	DRAWING NO.:	
APPROVED BY:	AK		

17 OF **24**

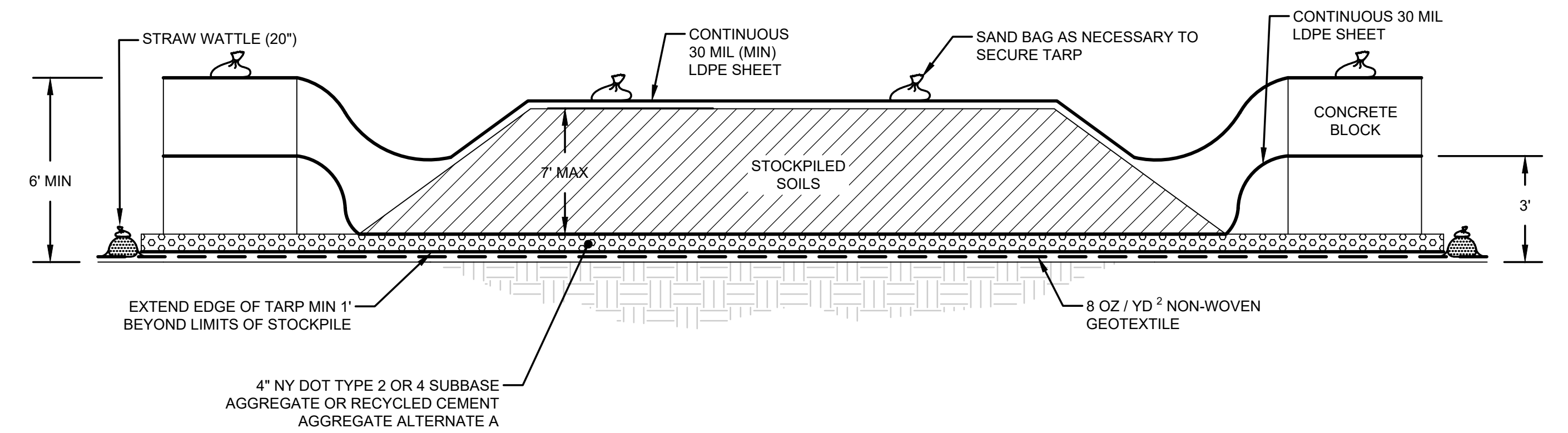






Diagram illustrating the construction of a straw wattle and concrete block wall. The diagram shows a vertical section of the wall. On the left, a vertical line represents the concrete block. To its right, a horizontal line represents the straw wattle. A circular cross-section of a straw wattle is shown, with the number 47 above it and 21 below it. A circular cross-section of a concrete block is shown, with the letter A above it and a minus sign below it. Labels with arrows point to the 'STRAW WATTLE' and 'CONCRETE BLOCK'.

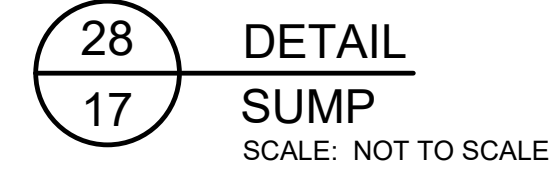
- RCRA ACCUMULATION AREA NOTES:
1. THE HEIGHT OF THE SOIL STOCKPILE SHALL NOT EXCEED THE HEIGHT OF THE SURROUNDING CONCRETE BLOCKS. ADDITIONAL CONCRETE BLOCKS MAY BE PLACED TO INCREASE THE HEIGHT WITH THE APPROVAL OF THE ENGINEER AND NYSDEC.
 2. THE AREA SHALL BE CONSTRUCTED WITH AN IMPERMEABLE LINER EXTENDING OVER THE TOP OF THE LOWEST CONCRETE BLOCK. RUNOFF AND LEACHATE IN THIS AREA WILL BE COLLECTED FOR OFF-SITE DISPOSAL. AT THE END OF EACH WORK DAY AND DURING HEAVY RAIN EVENTS, CONTRACTOR SHALL COMPLETELY COVER STOCKPILED SOILS WITH A TARP THAT EXTENDS OVER THE HIGHEST CONCRETE BLOCK AND IS SECURED WITH SAND BAGS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING METALS-IMPACTED MATERIALS DO NOT MIGRATE FROM STAGING AND STOCKPILE LOCATIONS.
 3. ALL STORMWATER RUNOFF SHALL BE CAPTURED WITHIN THE RCRA ACCUMULATION AREA AND NOT ALLOWED TO RUNOFF OR INFILTRATE.
 4. THE AREA SHALL BE SLOPED SO THAT RUNOFF DRAINS TO THE SUMP LOCATED AT THE LOWEST POINT. ADDITIONAL SUMPS MAY BE INSTALLED AT OTHER LOW SPOTS WITHIN THE AREA AS NECESSARY.
 5. ANY WATER COLLECTED WITHIN THE SUMP SHALL BE SEGREGATED, CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL STATE AND FEDERAL REGULATIONS.
 6. UPON REMOVAL OF RCRA ACCUMULATION AND LOADING AREAS, EXISTING SHALLOW SOILS SHALL BE SAMPLED AT FREQUENCY OF ONE SAMPLER PER 3600 FT2 TO DOCUMENT SOIL QUALITY.

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

<p>B&B Engineers & Geologists </p> <p><i>of new york, p.c.</i></p> <p><i>an affiliate of Geosyntec Consultants</i></p>			
<p>TITLE:</p> <p>RCRA ACCUMULATION AREA PLAN</p>			
<p>PROJECT:</p> <p>INTERIM REMEDIATION MEASURE #5</p>			
<p>SITE:</p> <p>FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK</p>			
 SIGNATURE 11/24/2020 DATE			
		DESIGN BY: AK DRAWN BY: AD CHECKED BY: TBR REVIEWED BY: PLB APPROVED BY: AK	DATE: SEPTEMBER 2020 PROJECT NO.: MN0832J FILE: MN0832J-518a DRAWING NO.: <div> <div>18</div> <div>OF</div> <div>24</div> </div>

24A
3

DETAIL
RCRA ACCUMULATION AREA
SCALE: NOT TO SCALE




1. SEE DRAWING 3 FOR GENERAL NOTES.
2. CONTRACTOR SHALL PLACE SUMP (SEE DETAIL 25) AT LOWEST POINT OF TSCA LOADING AREA. SUMP LOCATION SHALL BE APPROVED BY ENGINEER. SEE DETAIL 28 FOR SUMP CONSTRUCTION.
3. TSCA LOADING AREA SHALL BE COVERED USING CONTINUOUS 6-MIL POLY SHEETING AT THE END OF EACH DAY AND ON DAYS WHEN NOT IN USE.
4. TSCA LOADING AREA SHALL BE CONSTRUCTED WITH AN IMPERMEABLE MEMBRANE EXTENDING BETWEEN BERMS. RUNOFF AND LEACHATE IN THIS AREA WILL BE COLLECTED FOR OFF-SITE DISPOSAL.




1. 6-FT TALL, PORTABLE CHAIN-LINK FENCE PANELS, SET ON THE EXISTING GROUND SURFACE, COINCIDENT WITH THE LIMIT OF CONSTRUCTION DISTURBANCE.
2. TEMPORARY BALLAST SHALL INCLUDE SAND BAGS.
3. FLEXIBLE, MECHANICAL CONNECTION, BETWEEN FENCE PANELS.
4. FULL-COVERAGE VISUAL SCREENING OVER EACH ENTIRE FENCE PANEL.
5. TEMPORARY FENCE ANCHORING SHALL BE INSTALLED AS NEEDED FOR ADDITIONAL SUPPORT (E.G., EVERY SECOND OR THIRD FENCE PANEL).


2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP




B&B Engineers & Geologists
of new york, p.c.
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TITLE:	DETAILS
PROJECT:	INTERIM REMEDIATION MEASURE #5
SITE:	FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK



SIGNATURE
11/24/2020
DATE



DESIGN BY:	AK	DATE:	SEPTEMBER 2020
DRAWN BY:	JWO	PROJECT NO.:	MN08321
CHECKED BY:	TBR	FILE:	MN08321-520
REVIEWED BY:	PLB	DRAWING NO.:	
APPROVED BY:	AK		19 OF 24

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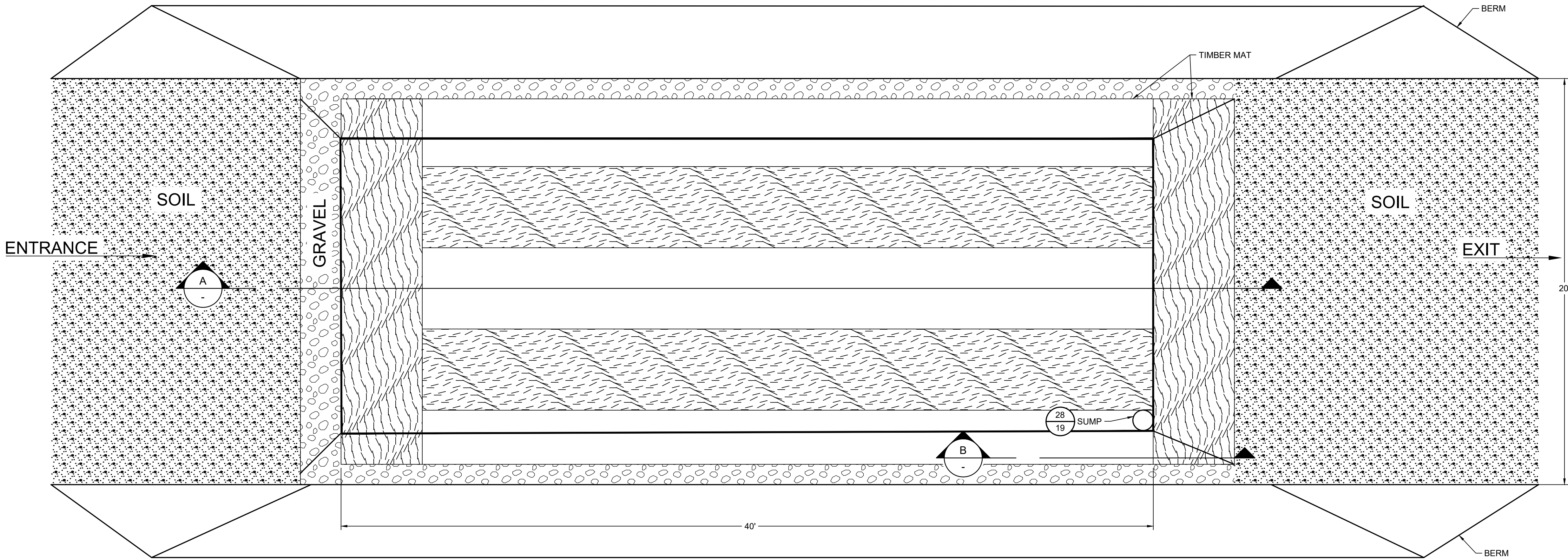
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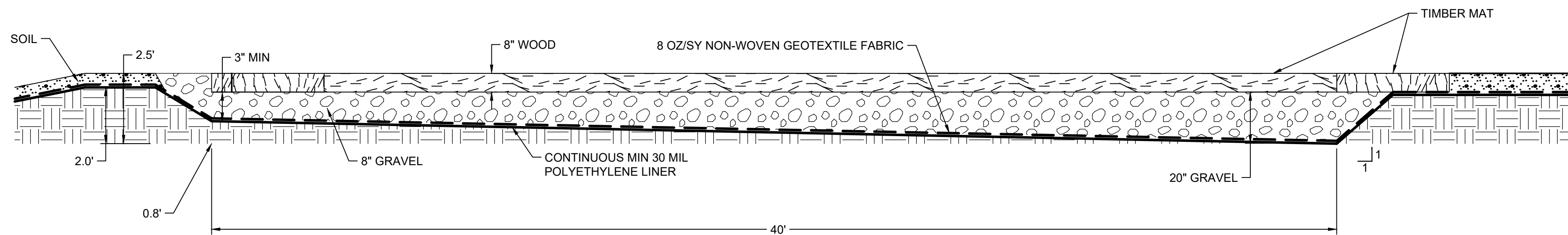
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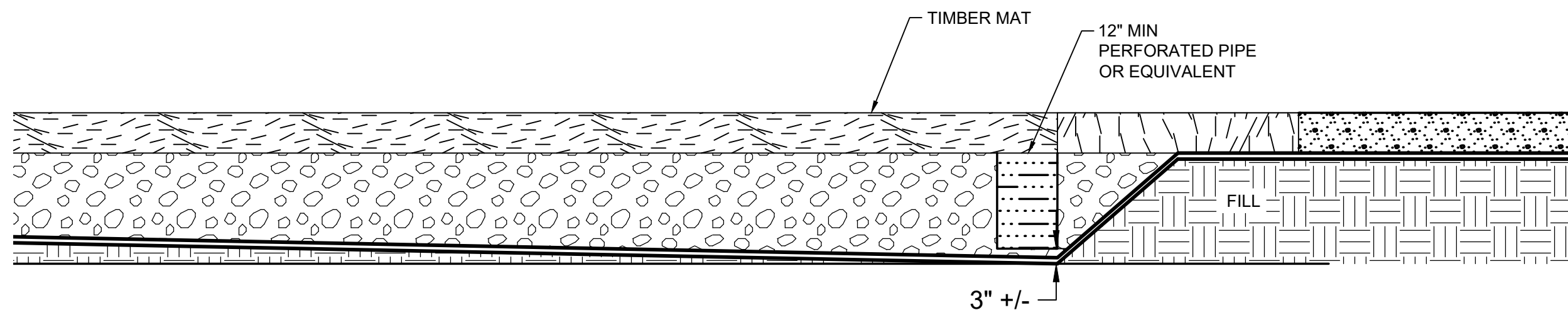
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36
3 PLAN
EQUIPMENT WASH PAD
SCALE: NOT TO SCALE



A
- SECTION
EQUIPMENT WASH PAD
SCALE: NOT TO SCALE

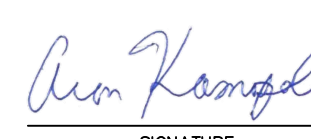



B
- SECTION
EQUIPMENT WASH PAD SUMP
SCALE: NOT TO SCALE

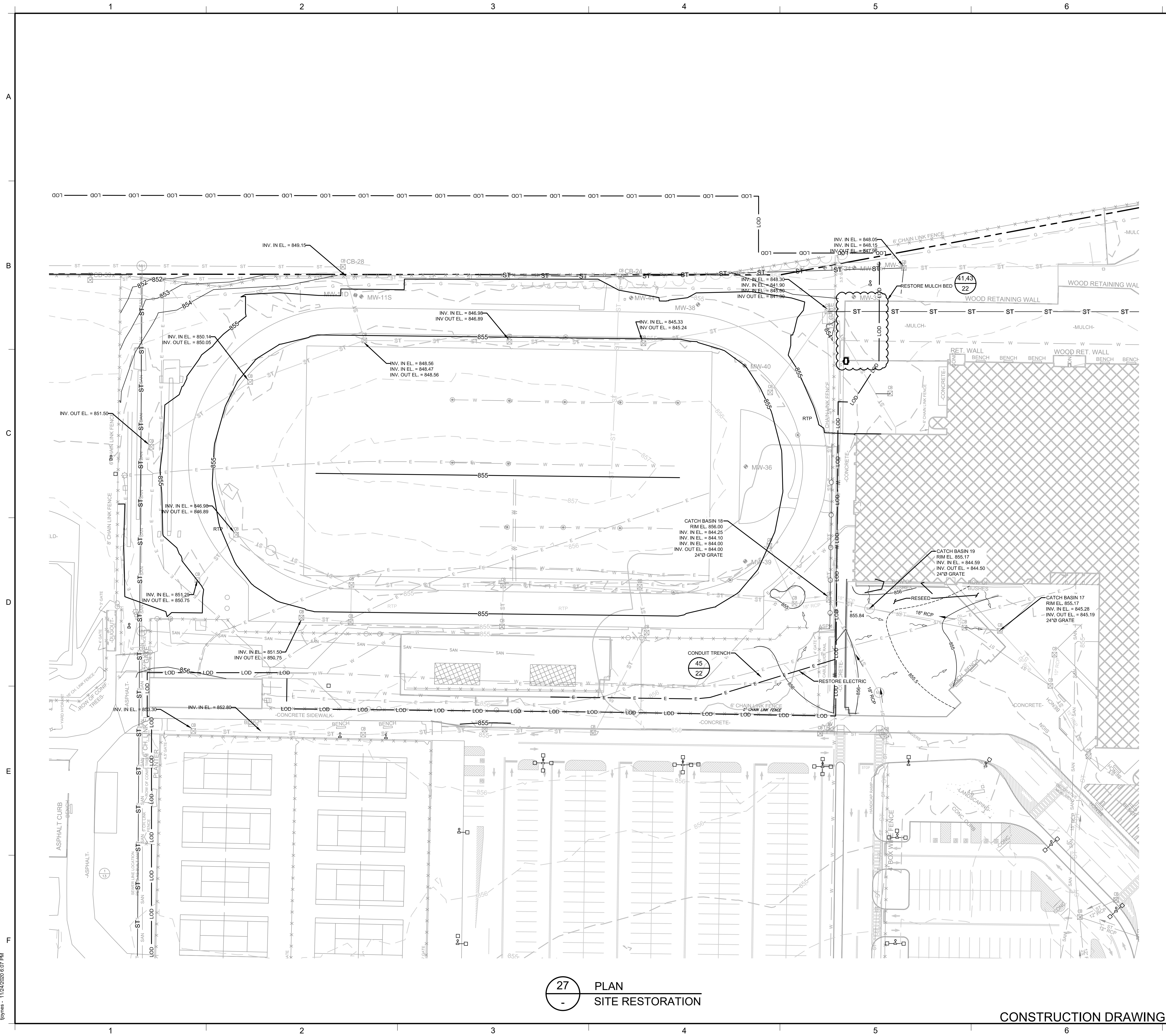
NOTES:

1. ALL EQUIPMENT RINSE WATER SHALL BE CAPTURED WITHIN THE PAD AND NOT ALLOWED TO RUNOFF OR INFILTRATE.
2. INTERIOR BASE SHALL BE SLOPED SO THAT CAPTURED WATER DRAINS TO THE SUMP LOCATED AT THE LOWEST POINT. ADDITIONAL SUMPS MAY BE INSTALLED AT OTHER LOW SPOTS WITHIN THE AREA AS NECESSARY.
3. ANY WATER COLLECTED WITHIN THE EQUIPMENT WASH PAD SUMP SHALL BE SEGREGATED, CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL STATE AND FEDERAL REGULATIONS.

CONSTRUCTION DRAWING

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
<div><div><div>B&B Engineers & Geologists of new york, p.c. <i>an affiliate of Geosyntec Consultants</i></div><div>UNISYS</div></div></div>				
TITLE:		EQUIPMENT WASH PAD		
PROJECT:		INTERIM REMEDIATION MEASURE #5		
SITE:		FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK		
<div><div> SIGNATURE</div><div>11/24/2020 DATE</div></div>		<div><div> PROFESSIONAL ENGINEER</div></div>	DESIGN BY: AK	DATE: SEPTEMBER 2020
DRAWN BY: JWO		PROJECT NO.: MN0832I	FILE: MN0832I-521	
CHECKED BY: TBR		DRAWING NO.: 20 OF 24	APPROVED BY: AK	
REVIEWED BY: PLB				

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27 PLAN
SITE RESTORATION

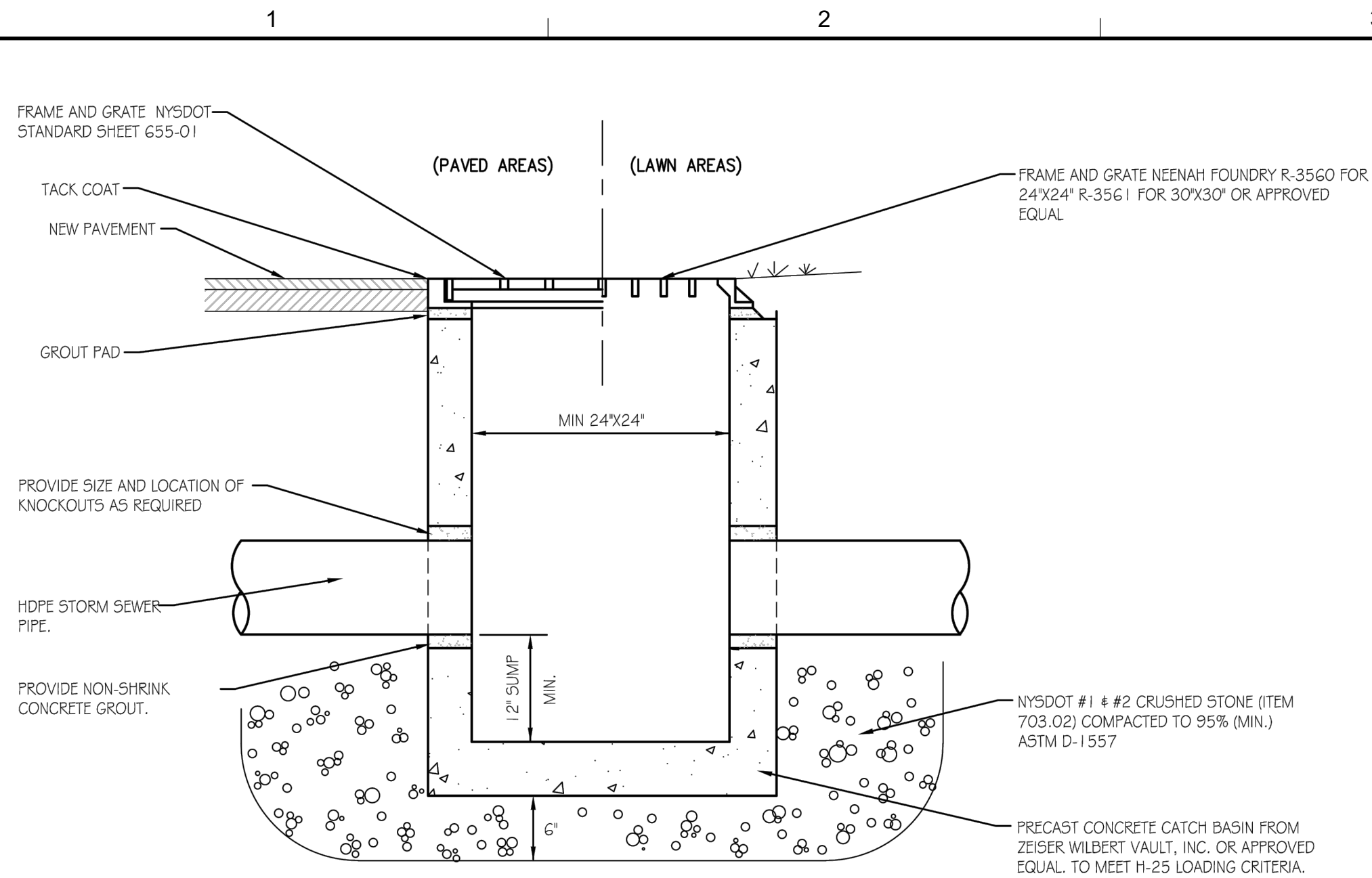
CONSTRUCTION DRAWING

LEGEND	
	MANHOLE
	CATCH BASIN
	CULVERT PIPE
	CHAIN LINK FENCE
	WOODEN FENCE
	PROPERTY LINE
	EXISTING CONTOUR LINE
	EDGE OF WATER
	EDGE OF WOODS OR BRUSH
	BURIED ELECTRIC CABLE
	SANITARY SEWER
	STORM SEWER
	NATURAL GAS LINE
	WATER LINE
	LIMIT OF DISTURBANCE
	BURIED FIBER OPTIC CABLE
	TREE
	FLOW DIRECTION
	PROPOSED FINAL GRADE

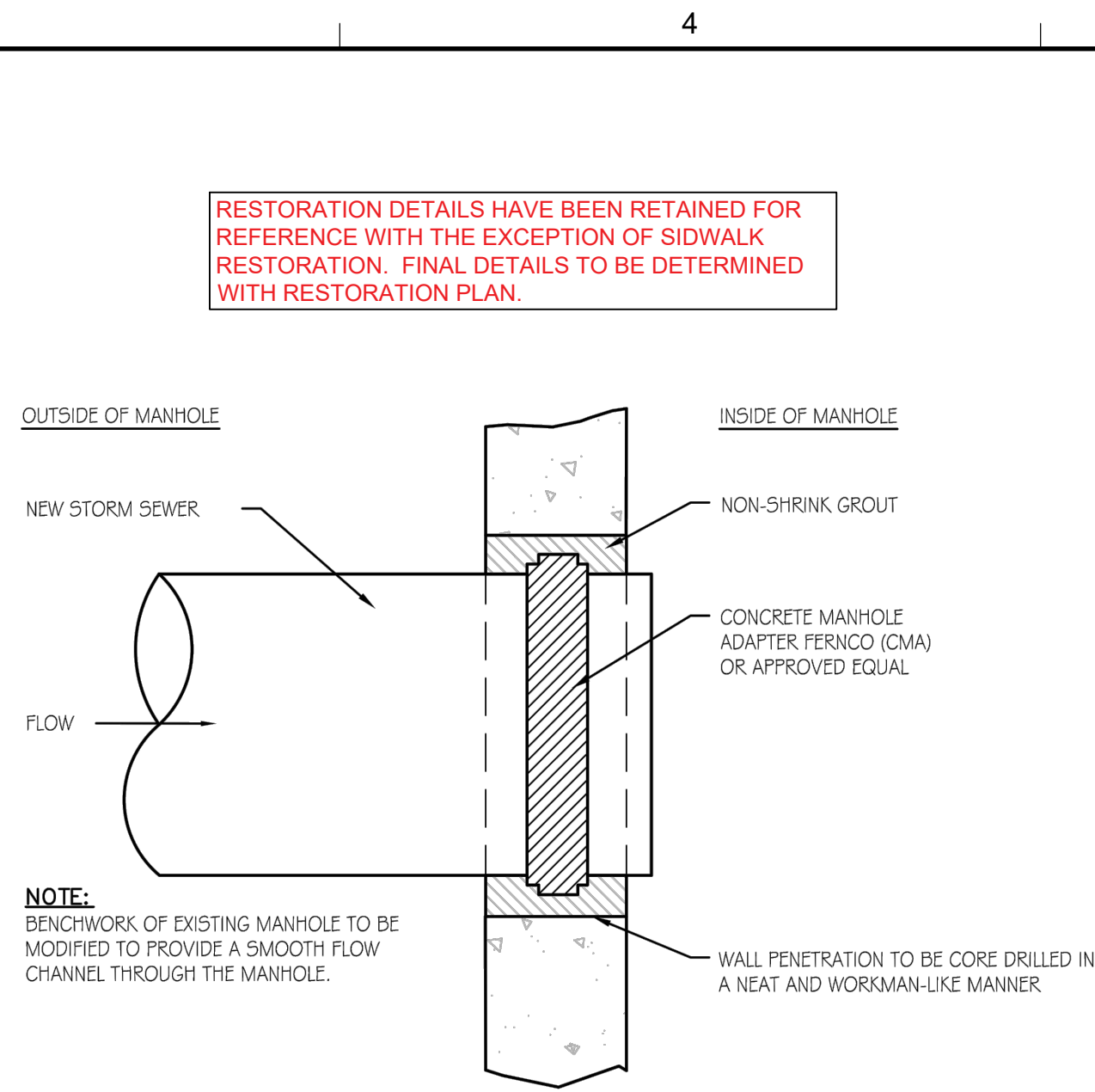
- NOTES:
- SEE SHEET 2 FOR GENERAL NOTES
 - MANHOLE, CATCH BASIN, AND STORM DRAIN PIPE SIZES, MATERIALS, ELEVATIONS, AND INVERTS FROM DRAWING NUMBER L5.1 ENTITLED "SITE UTILITY PLAN - NORTH, HIGH SCHOOL 2017 ALTERATIONS PROJECT, ELMIRA CITY SCHOOL DISTRICT" AND DRAWING NUMBER L5.2 ENTITLED "SITE UTILITY PLAN - SOUTH, HIGH SCHOOL 2017 ALTERATIONS PROJECT, ELMIRA CITY SCHOOL DISTRICT", BY HUNT OF HORSEHEADS, NEW YORK, REVISED 21 FEBRUARY 2017; AND DRAWING NUMBER M-1c ENTITLED "SOUTHSIDE, SITE PLAN SOUTH MECHANICAL ELECTRICAL, AS-BUILT DWG", BY BOUILLE ELECTRIC, ELMIRA, N.Y., DATED 28 MAY 1980.
 - CATCH BASIN, STORM SEWER, AND STORM STRUCTURE CONNECTION DETAILS FROM DRAWING NUMBER L6.1 ENTITLED "UTILITY DETAILS, HIGH SCHOOL 2017 ALTERATIONS PROJECT, ELMIRA CITY SCHOOL DISTRICT", BY HUNT OF HORSEHEADS, NEW YORK, REVISED 21 FEBRUARY 2017.
 - DETAILED SURVEY OF EXCAVATION AREA TO BE PERFORMED PRIOR TO COMMENCING EXCAVATION PROJECT TO DOCUMENT AS-BUILT GRADES, LOCATIONS, AND MATERIALS OF ALL INFRASTRUCTURE TO BE REMOVED. ALL INFRASTRUCTURE REMOVED FOR EXCAVATION TO BE REPLACED IN KIND, AS DOCUMENTED BY PRE-EXCAVATION AS-BUILT SURVEY. INFRASTRUCTURE TO BE REPLACED IN KIND IN ACCORDANCE WITH THE TERMS OF THE SETTLEMENT AGREEMENT BETWEEN UNISYS AND ECSD DATED 3 APRIL 2020 WITH REGARD TO FOOTBALL FIELD COMPLEX RESTORATION.
 - FINAL GRADES PROVIDED BY HUNT IN DRAWING "UNISYS-FG.DWG" RECEIVED 10 AUGUST 2020.

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
<div><div>B&B Engineers & Geologists of new york, p.c. <small>an affiliate of Geosyntec Consultants</small></div><div>UNISYS</div></div>				
TITLE: PROPOSED RESTORATION PLAN				
PROJECT: INTERIM REMEDIATION MEASURE #5				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
 SIGNATURE 11/24/2020 DATE			DESIGN BY: JSW	DATE: SEPTEMBER 2020
			DRAWN BY: JSW	PROJECT NO.: MN0832I
			CHECKED BY: AK	FILE: MN0832I-522-523
			REVIEWED BY: CHP	DRAWING NO.:
			APPROVED BY: AK	21 OF 24

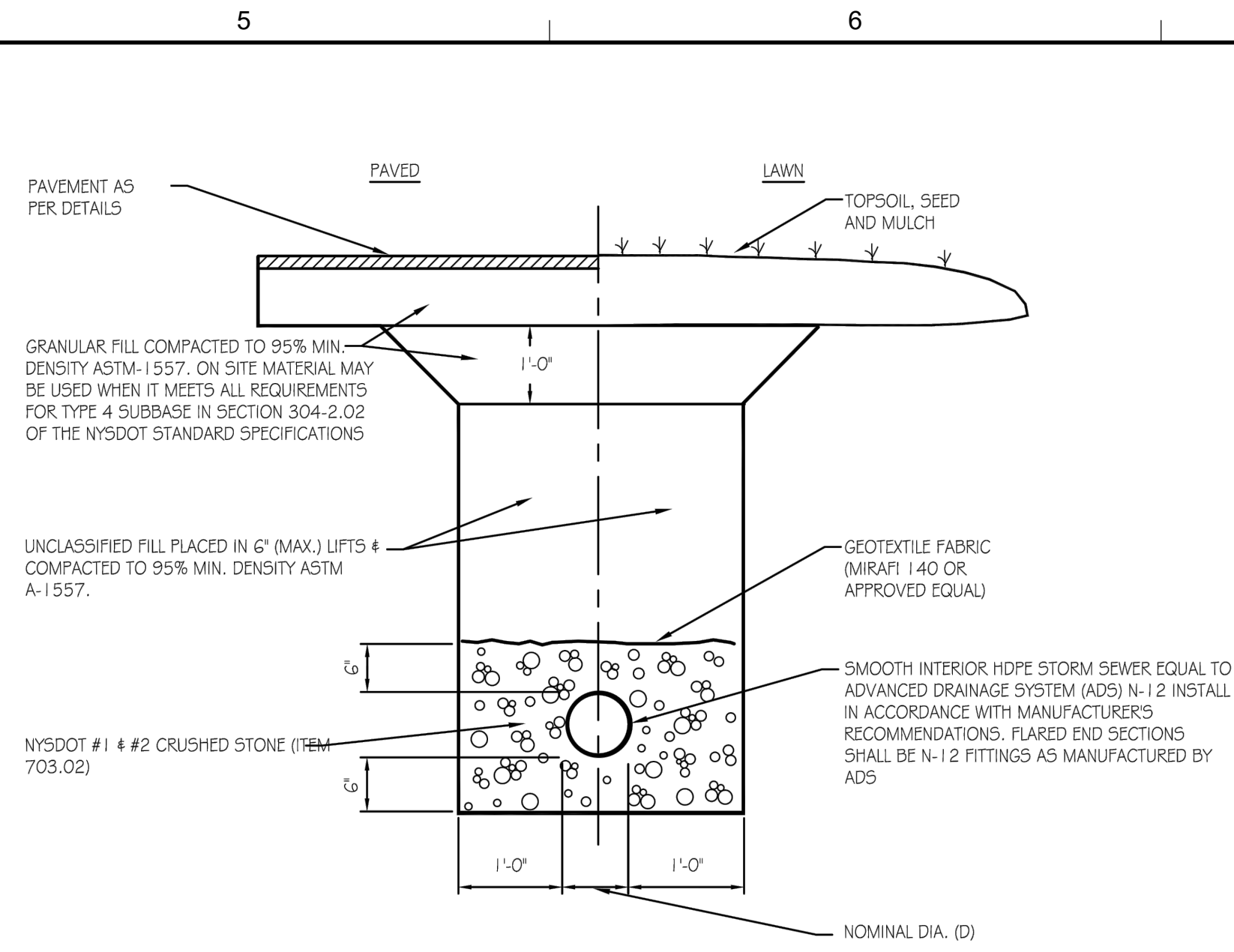
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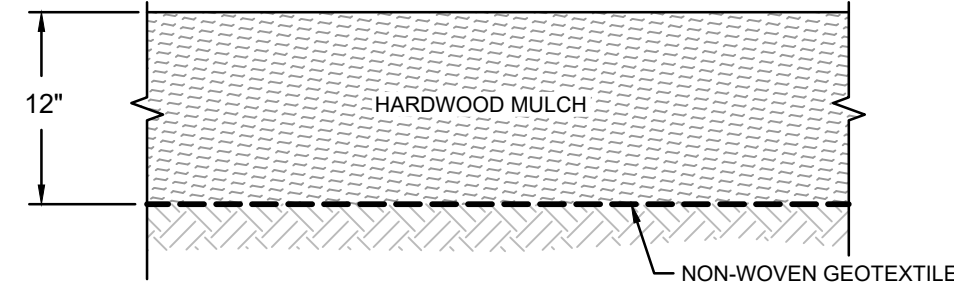
38
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DETAIL
CATCH BASIN
SCALE: NOT TO SCALE



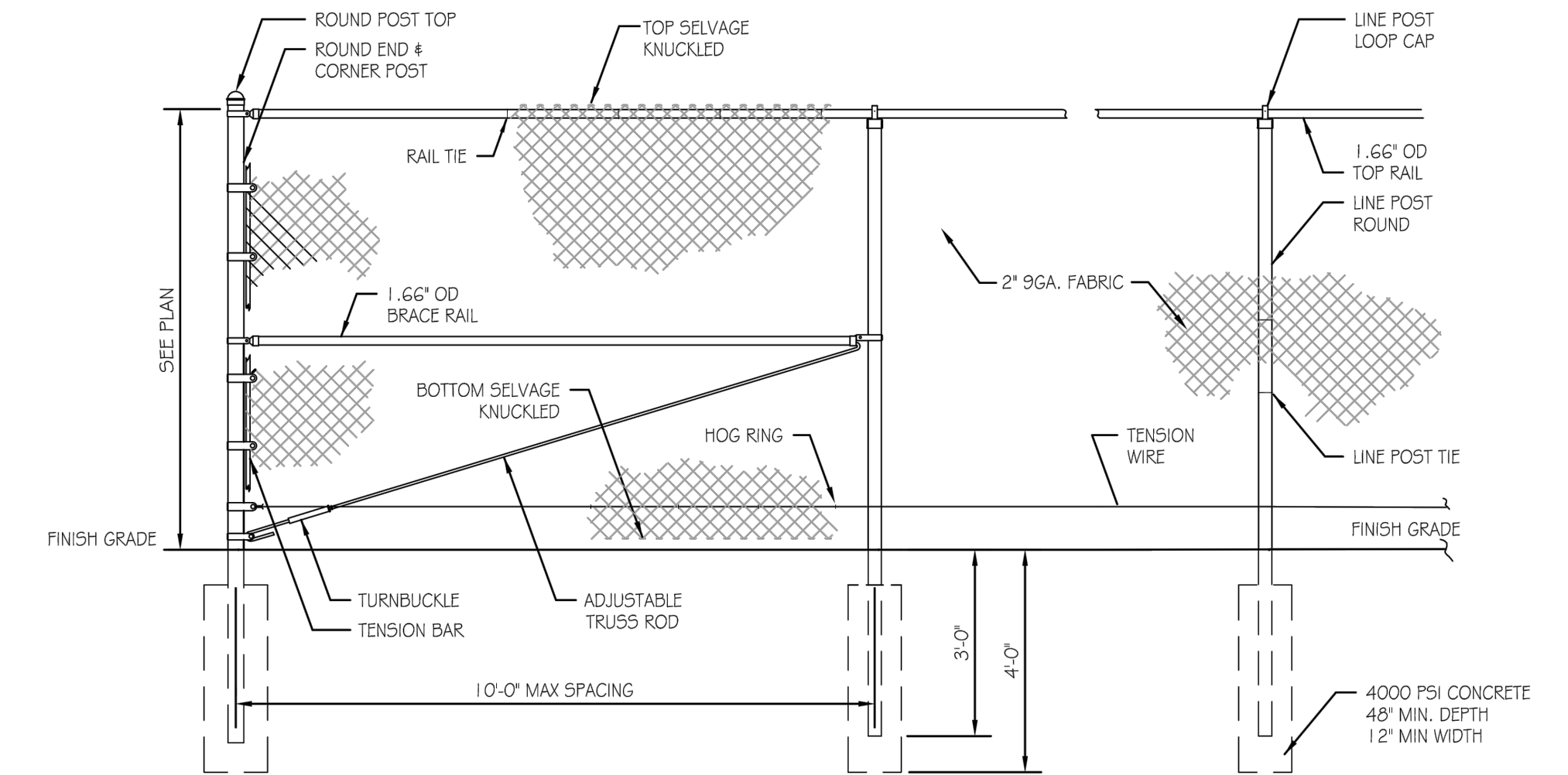
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DETAIL
STORM STRUCTURE CONNECTION
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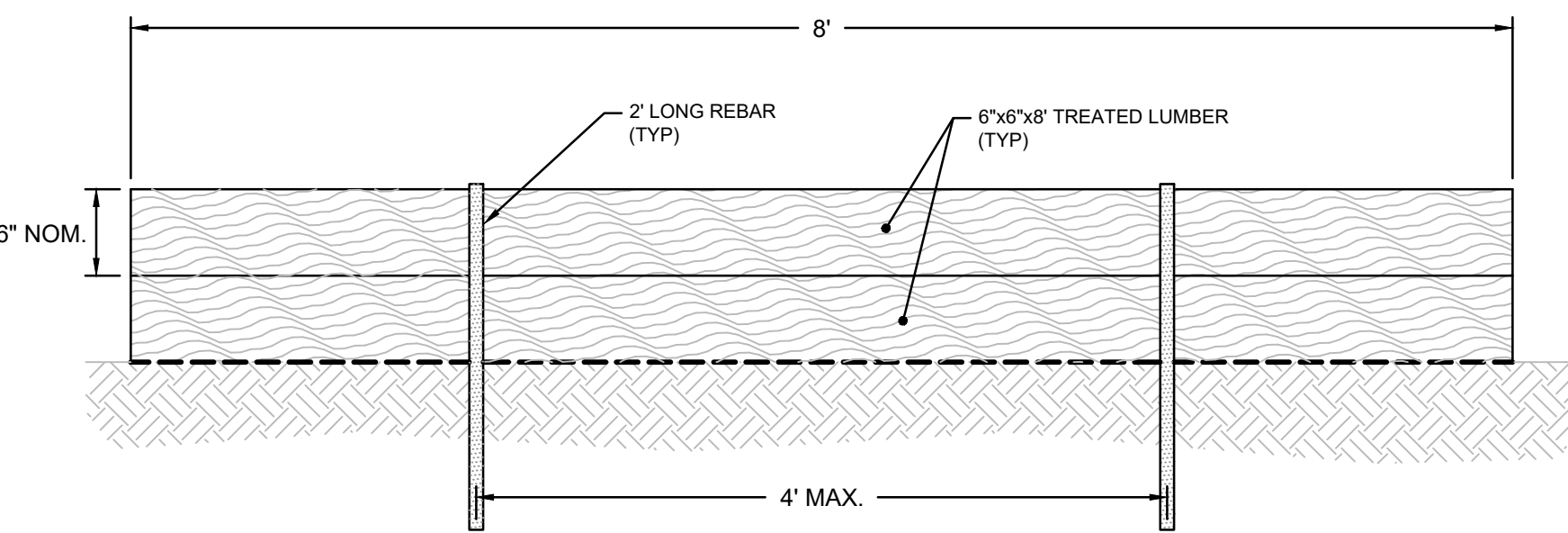
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DETAIL
STORM SEWER
SCALE: NOT TO SCALE



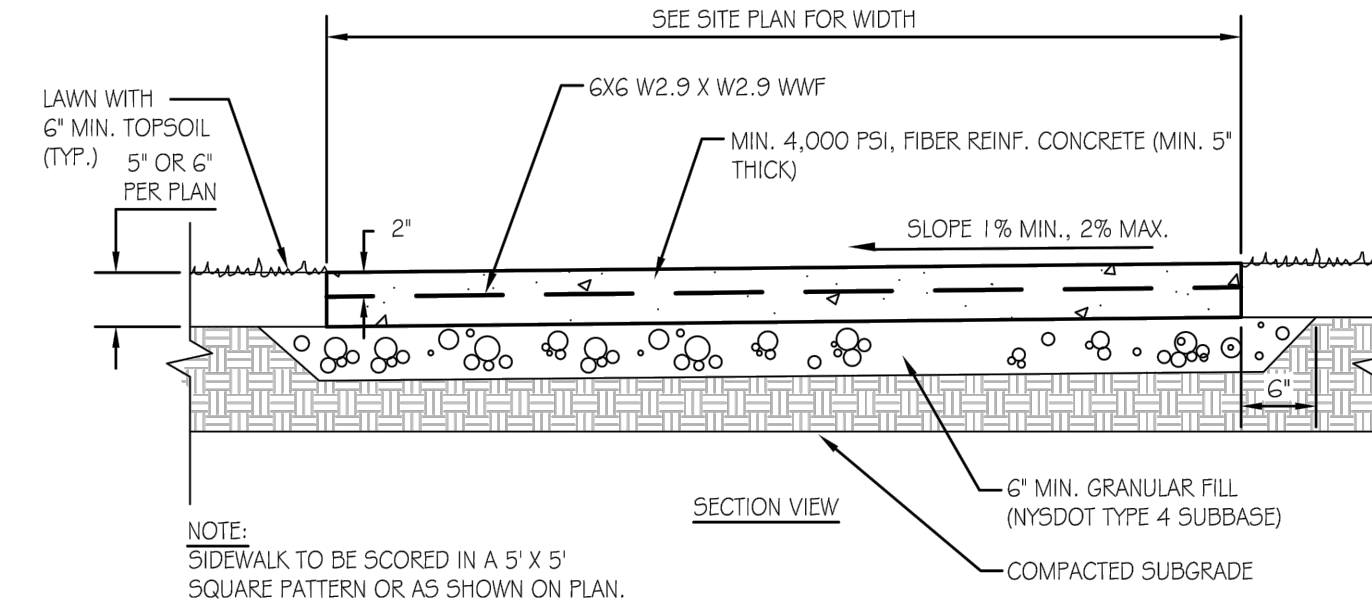
41
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SECTION
MULCH COVER
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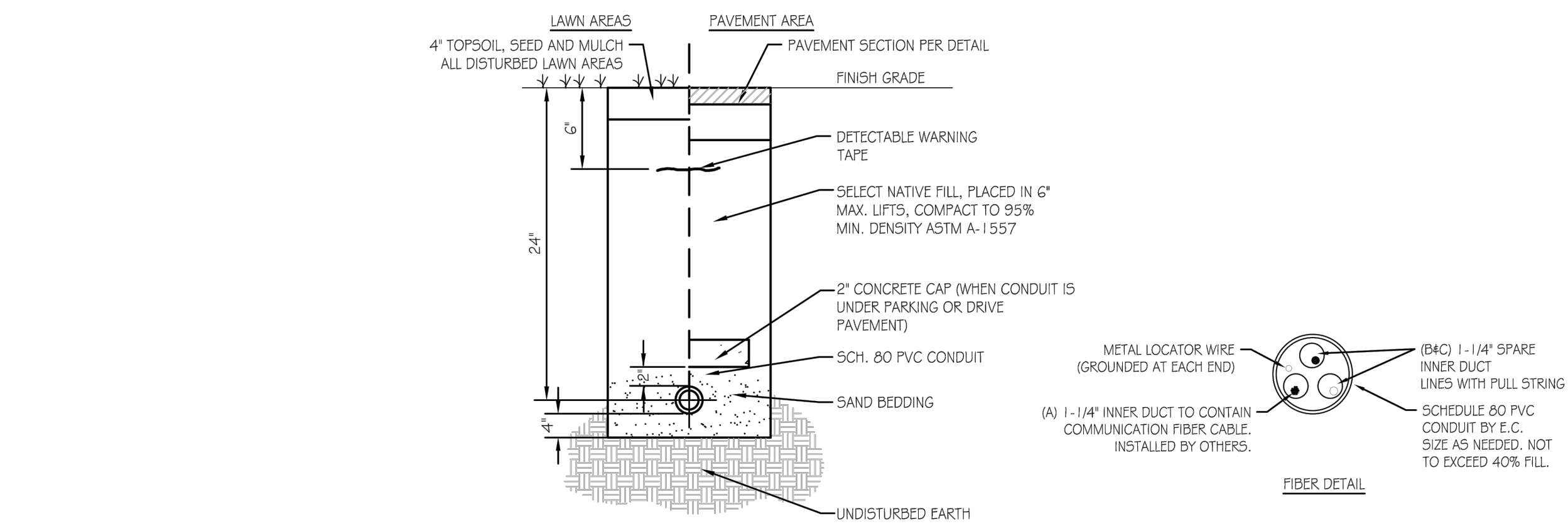
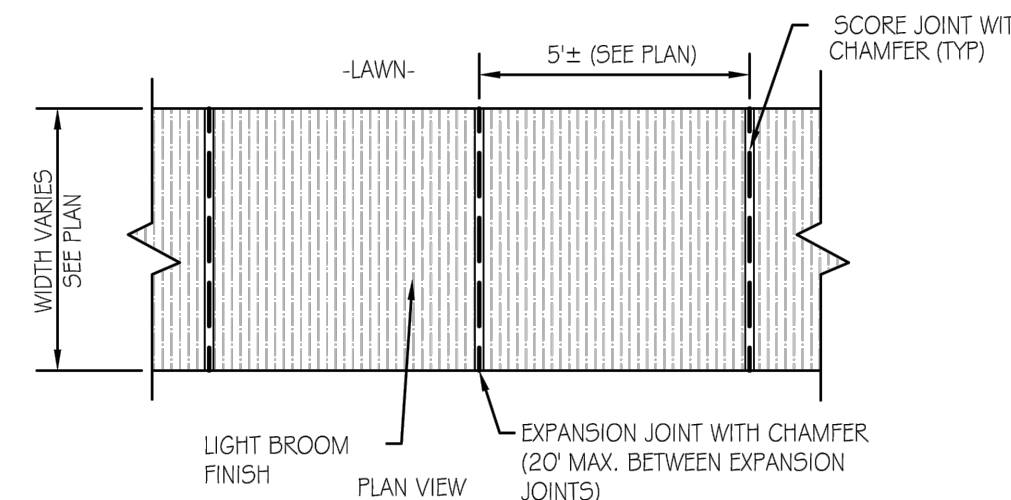
42
-
DETAIL
CHAIN LINK FENCE
SCALE: NOT TO SCALE



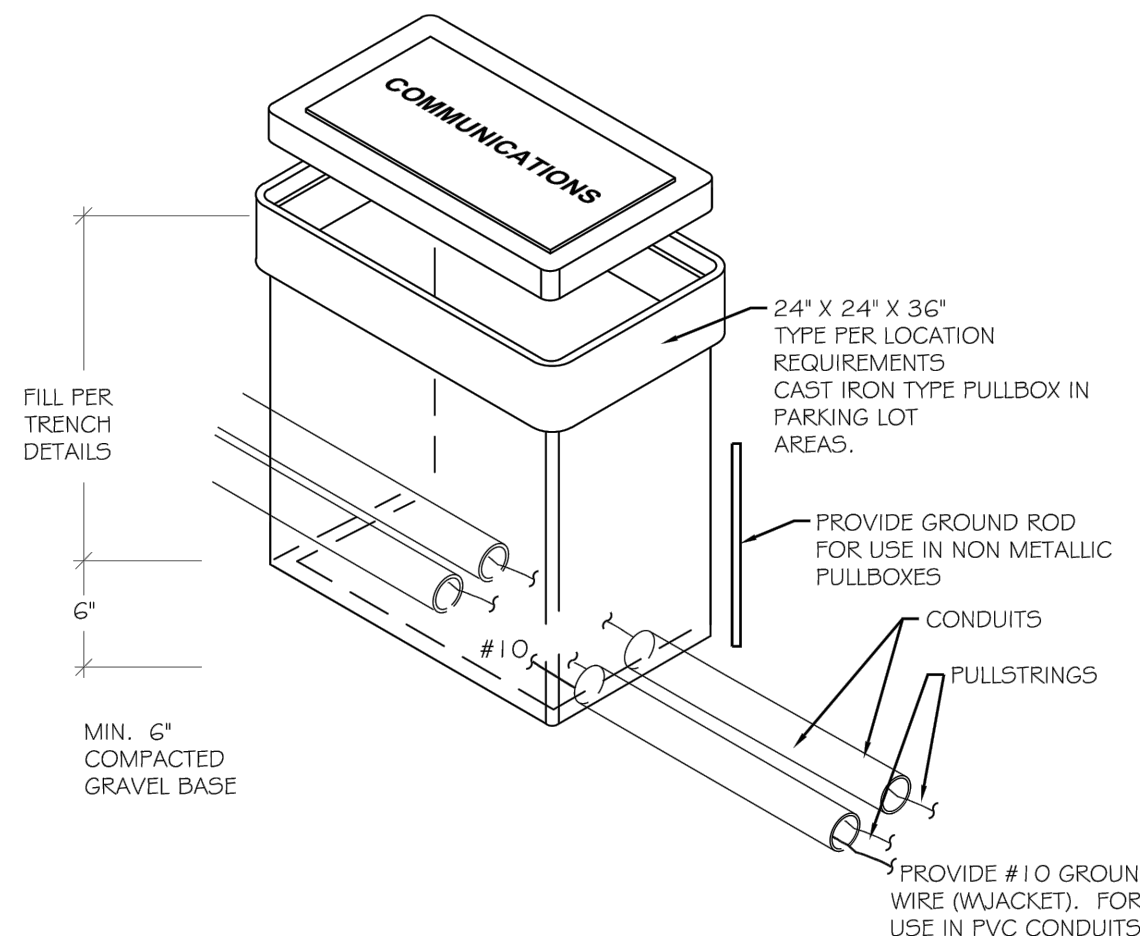
43
-
SECTION
WOOD FRAME
SCALE: NOT TO SCALE



44
-
DETAIL
CONCRETE SIDEWALK
SCALE: NOT TO SCALE



45
21
DETAIL
CONDUIT TRENCH
SCALE: NOT TO SCALE



46
21
DETAIL
PULL BOX
SCALE: NOT TO SCALE

- NOTES
- GROUND SURFACE SHALL BE PREPARED BY REMOVAL OF ANGULAR OR SHARP OBJECTS.
 - NON-WOVEN GEOTEXTILE (MIRI 160N 6 OZ. OR EQUIVALENT) SHALL BE USED TO COVER EXISTING GROUND SURFACE AND SHALL BE HELD IN PLACE WITH LANDSCAPING STAPLES.
 - WOOD FRAMES SHALL BE CONSTRUCTED AROUND THE PERIMETER USING 6\"/>

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP

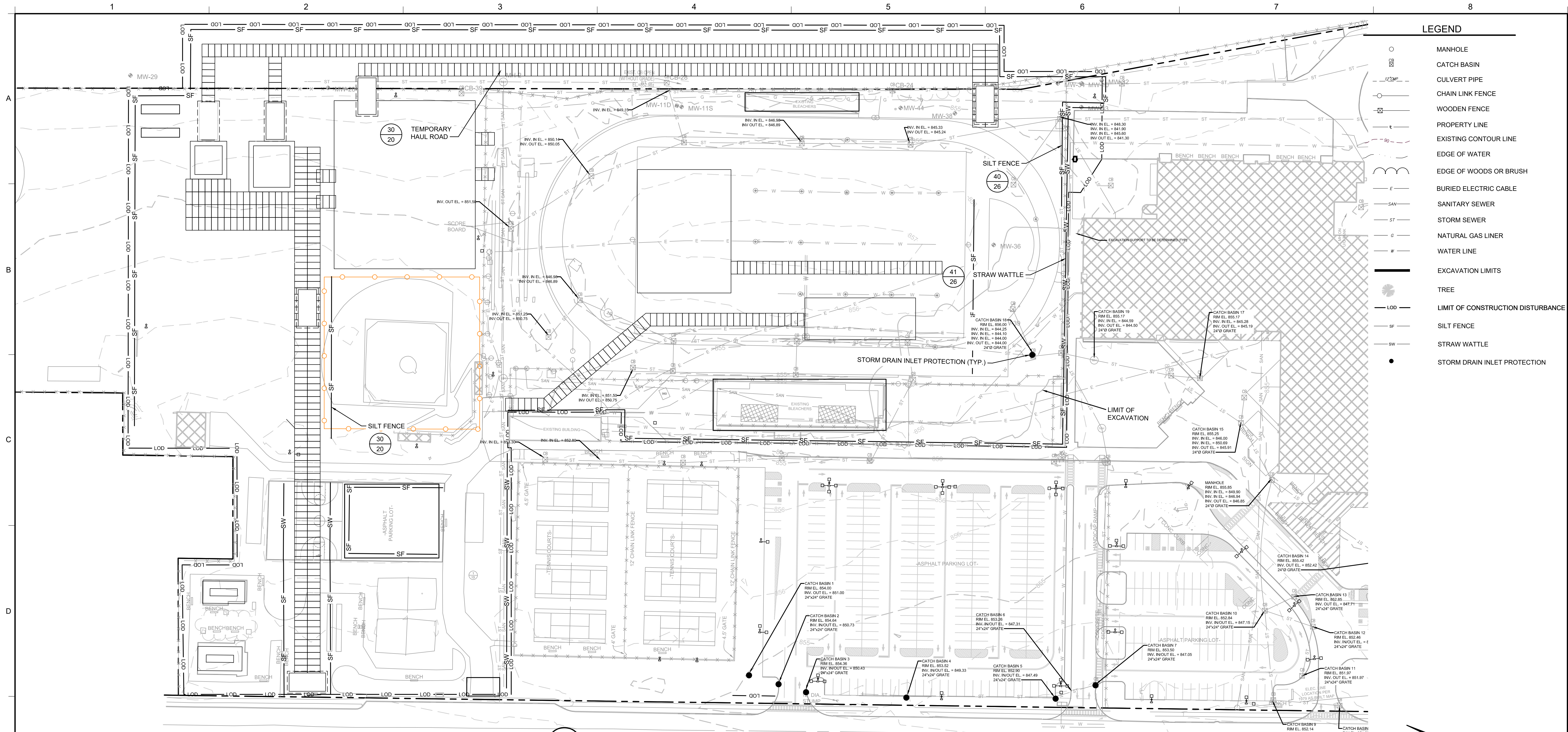
B&B Engineers & Geologists
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UNISYS

TITLE:	RESTORATION DETAILS			
PROJECT:	INTERIM REMEDIATION MEASURE #5			
SITE:	FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK			
DESIGN BY:	JSW	DATE:	SEPTEMBER 2020	
DRAWN BY:	JSW	PROJECT NO.:	MN08321	
CHECKED BY:	AK	FILE:	MN08321-522-523	
REVIEWED BY:	CHP	DRAWING NO.:		
APPROVED BY:	AK	22	OF	24

CONSTRUCTION DRAWING

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LEGEND	
	MANHOLE
	CATCH BASIN
	CHAIN LINK FENCE
	WOODEN FENCE
	PROPERTY LINE
	EXISTING CONTOUR LINE
	EDGE OF WATER
	EDGE OF WOODS OR BRUSH
	BURIED ELECTRIC CABLE
	SANITARY SEWER
	STORM SEWER
	NATURAL GAS LINER
	WATER LINE
	EXCAVATION LIMITS
	TREE
	LIMIT OF CONSTRUCTION DISTURBANCE
	SILT FENCE
	STRAW WATTLE
	STORM DRAIN INLET PROTECTION

37 PLAN
EROSION AND SEDIMENT CONTROL PLAN

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

GENERAL REQUIREMENTS

- POTENTIAL POLLUTANTS: THIS CONSTRUCTION PROJECT INVOLVES THE EXCAVATION, STOCKPILING, AND OFFSITE DISPOSAL OF SOILS CONTAINING HAZARDOUS CHEMICAL SUBSTANCES, INCLUDING PCBs. CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATIONS, DRAWINGS, AND ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- CONTRACTOR SHALL ENSURE THAT ALL PROVISIONS FOR EROSION AND SEDIMENT CONTROL AND STORMWATER PROTECTION ARE IMPLEMENTED AS SHOWN ON THE DRAWINGS AND AS REQUIRED BY THE TECHNICAL SPECIFICATIONS.
- CONTRACTOR SHALL FULLY ESTABLISH ALL PERIMETER EROSION AND SEDIMENT CONTROLS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
- CONTRACTOR SHALL MAINTAIN ALL EROSION AND SEDIMENT CONTROLS UNTIL ALL DISTURBED AREAS HAVE ACHIEVED FINAL STABILIZATION AND A NOTICE OF TERMINATION (NOT) SUBMITTED TO THE NYSDEC.
CONTRACTOR SHALL MAINTAIN COPIES OF THE FOLLOWING DOCUMENTS ON-SITE DURING CONSTRUCTION:
 - GENERAL PERMIT GP-0-15-002;
 - NOTICE OF INTENT;
 - NOI ACKNOWLEDGEMENT LETTER;
 - STORMWATER POLLUTION PREVENTION PLAN (SWPPP);
 - MS4 (I.E. CITY OF ELMIRA) SWPPP ACCEPTANCE FORM;
 - INSPECTION REPORTS; AND
 - ANY OTHER DOCUMENTATION NECESSARY TO ELIGIBILITY AND COMPLIANCE WITH PERMIT GP-0-15-002.
- CONTRACTOR SHALL NOT DISTURB GREATER THAN 5 ACRES OF SOIL AT ANY ONE TIME WITHOUT PRIOR AUTHORIZATION FROM THE CITY OF ELMIRA.
- CONTRACTOR SHALL APPLY SOD OR SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES TO ALL DISTURBED AREAS AND STOCKPILES WITHIN SEVEN (7) CALENDAR DAYS AFTER STRIPPING AND GRADING ACTIVITIES HAVE CEASED IN THE AREA. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.
- TEMPORARY SILT FENCE SHALL BE PLACED IMMEDIATELY DOWNSTREAM OF ANY DISTURBED AREA INTENDED TO REMAIN DISTURBED FOR MORE THAN ONE DAY.
- CONSTRUCTION DETAILS, MATERIAL REQUIREMENTS, DESIGN CRITERIA, AND MAINTENANCE REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL PRACTICES ARE PROVIDED ON THE DRAWING DETAILS.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (NOVEMBER 2016). PRACTICES SELECTED FOR IMPLEMENTATION A INCLUDING:
 - STABILIZED CONSTRUCTION ENTRANCE
 - EARTH DIKE

- SILT FENCE
- COMPOST FILTER SOCK
- DEWATERING SUMP
- TEMPORARY CONSTRUCTION AREA SEEDING
- RECREATIONAL AREA SEEDING

- OTHER PRACTICES NOT SHOWN ON THE DRAWINGS OR LISTED ABOVE SHALL BE IMPLEMENTED AS NECESSARY TO PROTECT WATER QUALITY AND MINIMIZE SEDIMENT RUNOFF.
- CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIALS DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.
- CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN AN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES AND NON-SEDIMENT POLLUTION CONTROL MEASURES UNTIL THROUGHOUT CONSTRUCTION AND UNTIL A NOTICE OF TERMINATION FOR PERMIT GP-0-15-002 IS REVIVED.
- CONTRACTOR AND ALL SUBCONTRACTORS INVOLVED IN CONSTRUCTION ACTIVITIES THAT MAY AFFECT STORMWATER QUALITY SHALL SIGN THE CONTRACTOR CERTIFICATION STATEMENT.

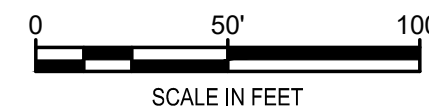
- SITE INFORMATION:
 - AREA DISTURBED 6.38 ACRES.

SOIL STABILIZATION AND DUST CONTROL

- VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (NOVEMBER 2016) FOR TEMPORARY CONSTRUCTION AREA SEEDING, RECREATIONAL AREA SEEDING, TOPSOILING, AND MULCHING.
- TEMPORARY CONSTRUCTION AREA SEEDING:
 - DURING SPRING, SUMMER OR EARLY FALL SEED THE AREA WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 LBS PER ACRE (APPROXIMATELY 0.7 TO 1 LBS/1000 SQ. FT.)
 - DURING LATE FALL OR EARLY WINTER SEED WITH CERTIFIED 'AROSTOOK' WINTER RYE (CERYLE RYE) AT 100 LBS. PER ACRE (2.5 LBS/1000 SQ. FT.)
 - ANY SEEDING METHOD MAY BE USED THAT WILL PROVIDE UNIFORM APPLICATION OF SEED TO THE AREA AND RESULT IN RELATIVELY GOOD SOIL TO SEED CONTACT.
 - MULCH THE AREA WITH HAY OR STRAW AT 2 TONS/ACRE (APPROX. 90 LBS/1000 SQ. FT. OR 2 BALES). QUALITY OF HAY OR STRAW MULCH ALLOWABLE WILL BE DETERMINED BASED ON LONG TERM USE AND VISUAL CONCERNS. MULCH ANCHORING WILL BE REQUIRED WHERE WIND OR AREAS OF CONCENTRATED WATER ARE OF CONCERN. WOOD FIBER HYDROMULCH OR OTHER SPRAYABLE PRODUCTS APPROVED FOR EROSION CONTROL MAY BE USED IF APPLIED ACCORDING TO MANUFACTURERS' SPECIFICATION.
- PERMANENT RECREATION AREA SEEDING.

- TIME OF PLANTING: FALL PLANTING IS PREFERRED. SEED AFTER AUGUST 15. IN THE SPRING, PLANT UNTIL MAY 15. IF SEEDING IS DONE BETWEEN MAY 15 AND AUGUST 15, IRRIGATION MAY BE NECESSARY TO ENSURE A SUCCESSFUL SEEDING.
- SITE PREPARATION:
 - INSTALL NEEDED WATER AND EROSION CONTROL MEASURES AND BRING AREA TO BE SEED TO DESIRED GRADES. A MINIMUM OF 4 IN. TOPSOIL IS REQUIRED.
 - PREPARE SEEDBED BY LOOSENING SOIL TO A DEPTH OF 4-6 INCHES AND DECOMPACTING REQUIRED AREAS PER SOIL RESTORATION STANDARD.
 - SEE STANDARD AND SPECIFICATION OF TOPSOILING.
 - LIME TO A PH OF 6.5. SEE LIME APPLICATION STANDARD.
 - FERTILIZE AS PER SOIL TEST OR, IF SOIL MUST BE FERTILIZED BEFORE RESULTS OF A SOIL TEST CAN BE OBTAINED TO DETERMINE FERTILIZER NEEDS, APPLY COMMERCIAL FERTILIZER AT 800 POUNDS OF 5-5-10 OR EQUIVALENT PER ACRE (20 LBS/1,000 SQ. FT.). SEE FERTILIZER APPLICATION STANDARD.
 - INCORPORATE LIME AND FERTILIZER IN TOP 2-4 INCHES OF TOPSOIL.
 - SMOOTH. REMOVE STICKS, FOREIGN MATTER, AND STONES OVER 1 INCH IN DIAMETER, FROM THE SURFACE. FIRM THE SEEDBED.
 - PLANTING: USE A CULTPACKER TYPE SEEDER IF POSSIBLE. SEED TO A DEPTH OF 1/8 TO 1/4 INCH. IF SEED IS TO BE BROADCAST, CULTPACK OR ROLL AFTER SEEDING. IF HYROSEEDED, LIME AND FERTILIZER MAY BE APPLIED THROUGH THE SEEDER, AND ROLLING IS NOT PRACTICAL.
 - MULCHING: MULCH ALL SEEDINGS IN ACCORDANCE WITH STANDARD AND SPECIFICATIONS FOR MULCHING. SMALL GRAIN STRAW IS THE BEST MATERIAL.
 - SEED MIXTURE:

65% CREEPING RED FESCUE: 2.0 - 2.6 LBS./1000 SQ. FT. (PLS)
20% PERENNIAL RYEGRASS: 0.6 - 0.8 LBS./1000 SQ. FT. (PLS)
15% FINE FESCUE: 0.4 - 0.6 LBS./1000 SQ. FT. (PLS)
TOTAL SEED WEIGHT: 3.0 - 4.0 LBS./1000 SQ. FT.
- FOR VARIETIES OF SEED SUITABLE FOR SPECIFIC LOCATIONS CONTACT CORNELL COOPERATIVE EXTENSION TURF SPECIALIST.
- SOILS MAP: ALL AREAS OF WORK ARE CLASSIFIED AS, "MADE LAND", AS PROVIDED BY USDA-NRCS. SOIL SURVEY AREA: CHEMUNG COUNTY, NEW YORK SURVEY AREA DATA: VERSION 13, SEP 23, 2016.
- DUST CONTROL: CONTRACTOR SHALL PERFORM DUST CONTROL AS REQUIRED BY THE CONTRACT SPECIFICATIONS AND DUST CONTROL MONITORING PLAN.



SCALE IN FEET

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
B&B Engineers & Geologists of new york, p.c. an affiliate of Geosynce Consultants				
TITLE: EROSION AND SEDIMENT CONTROL PLAN				
PROJECT: INTERIM REMEDIATION MEASURE #5				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: AK		DATE: SEPTEMBER 2020		
DRAWN BY: JWO		PROJECT NO.: MN0832I		
CHECKED BY: TBR		FILE: MN0832I-524		
REVIEWED BY: PLB		DRAWING NO.: 23 OF 24		
APPROVED BY: AK				

CONSTRUCTION DRAWING

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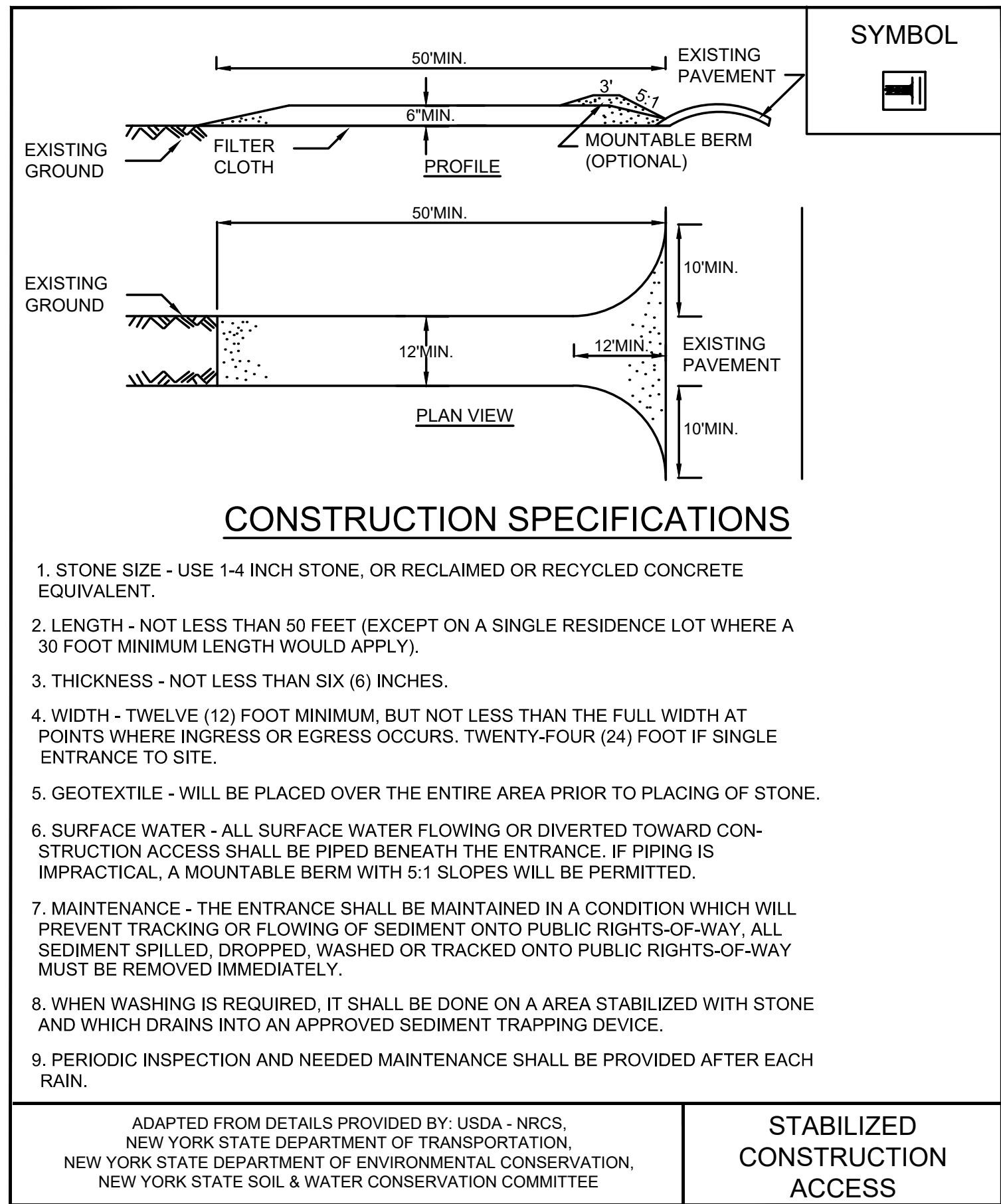
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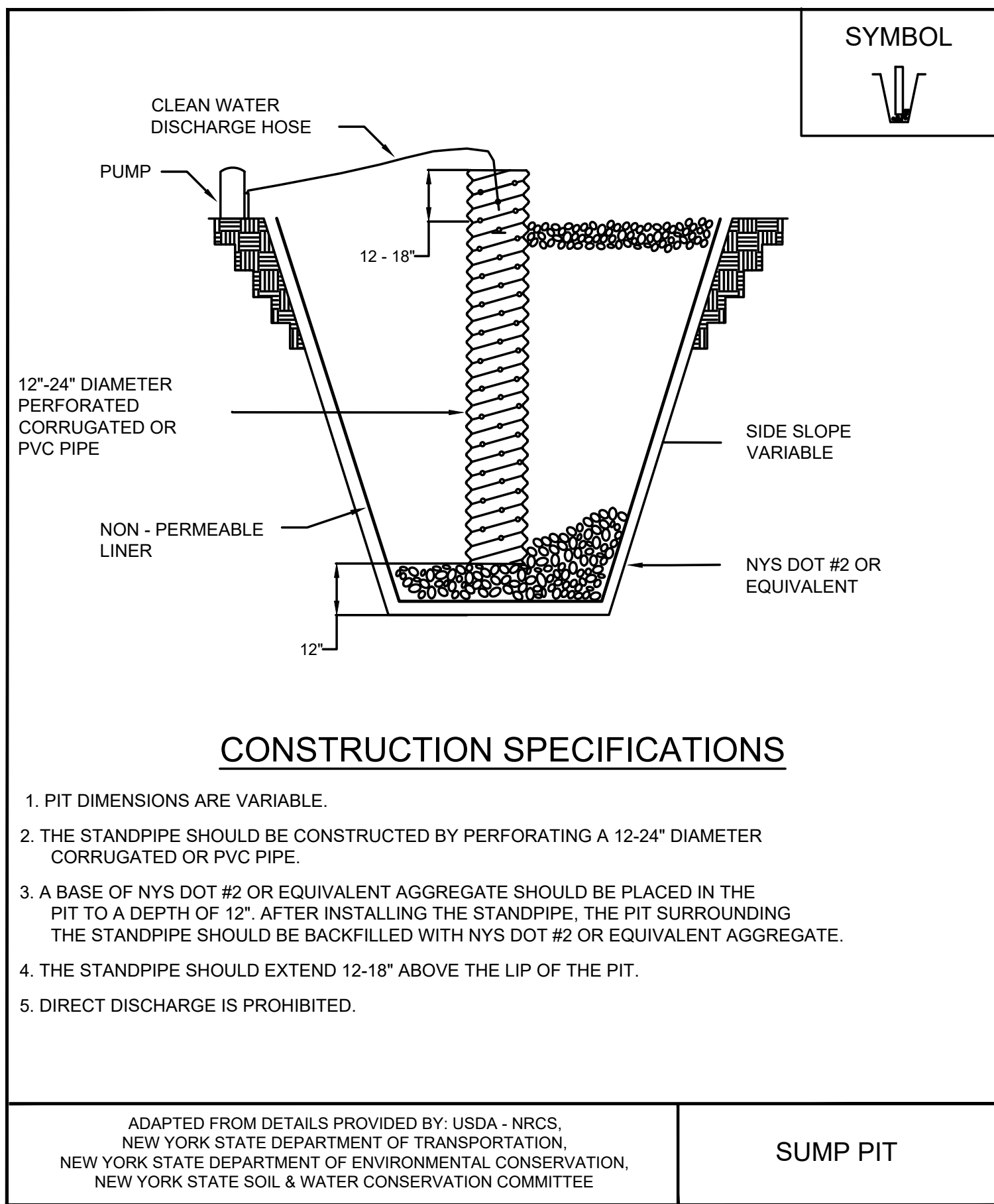
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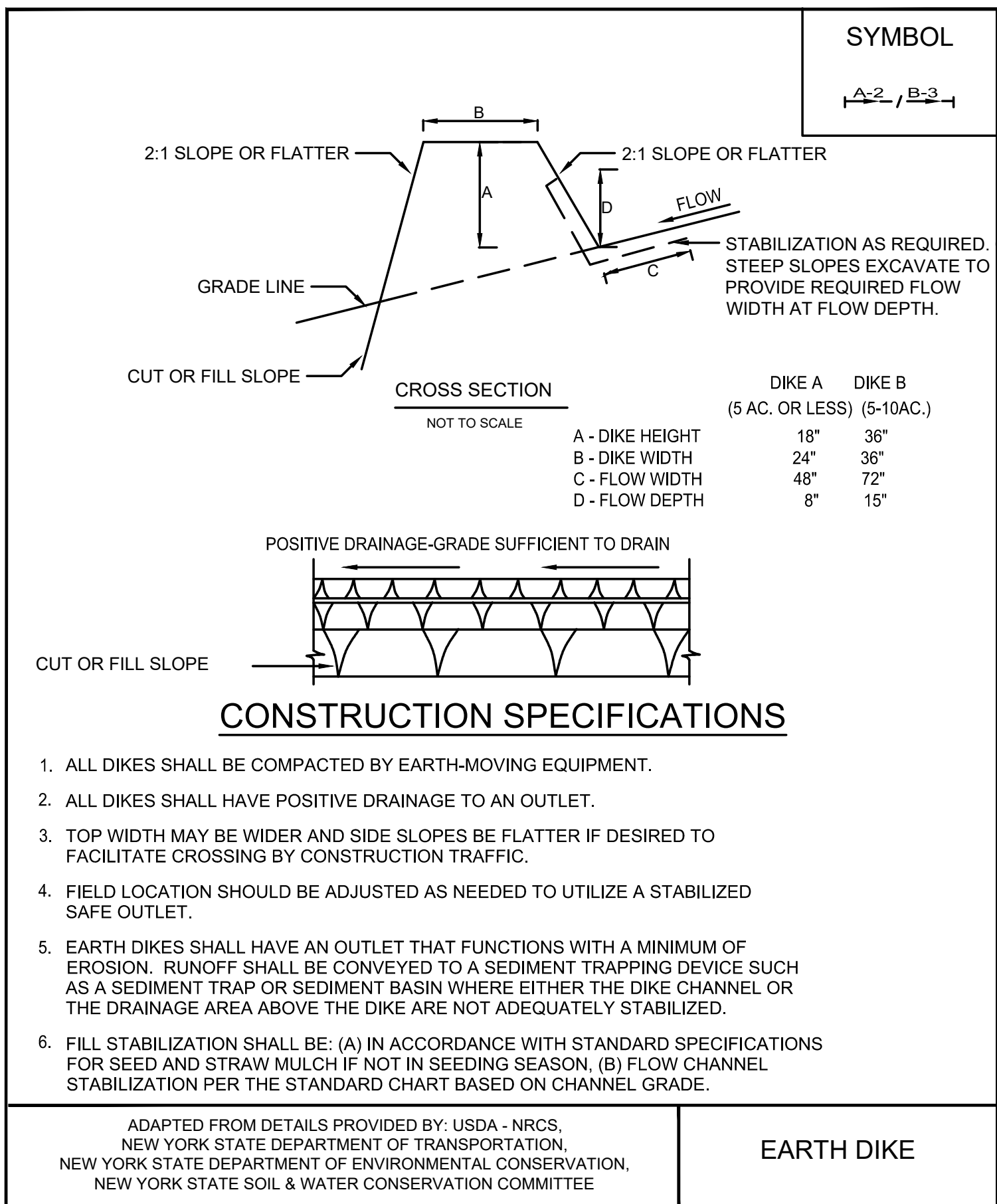
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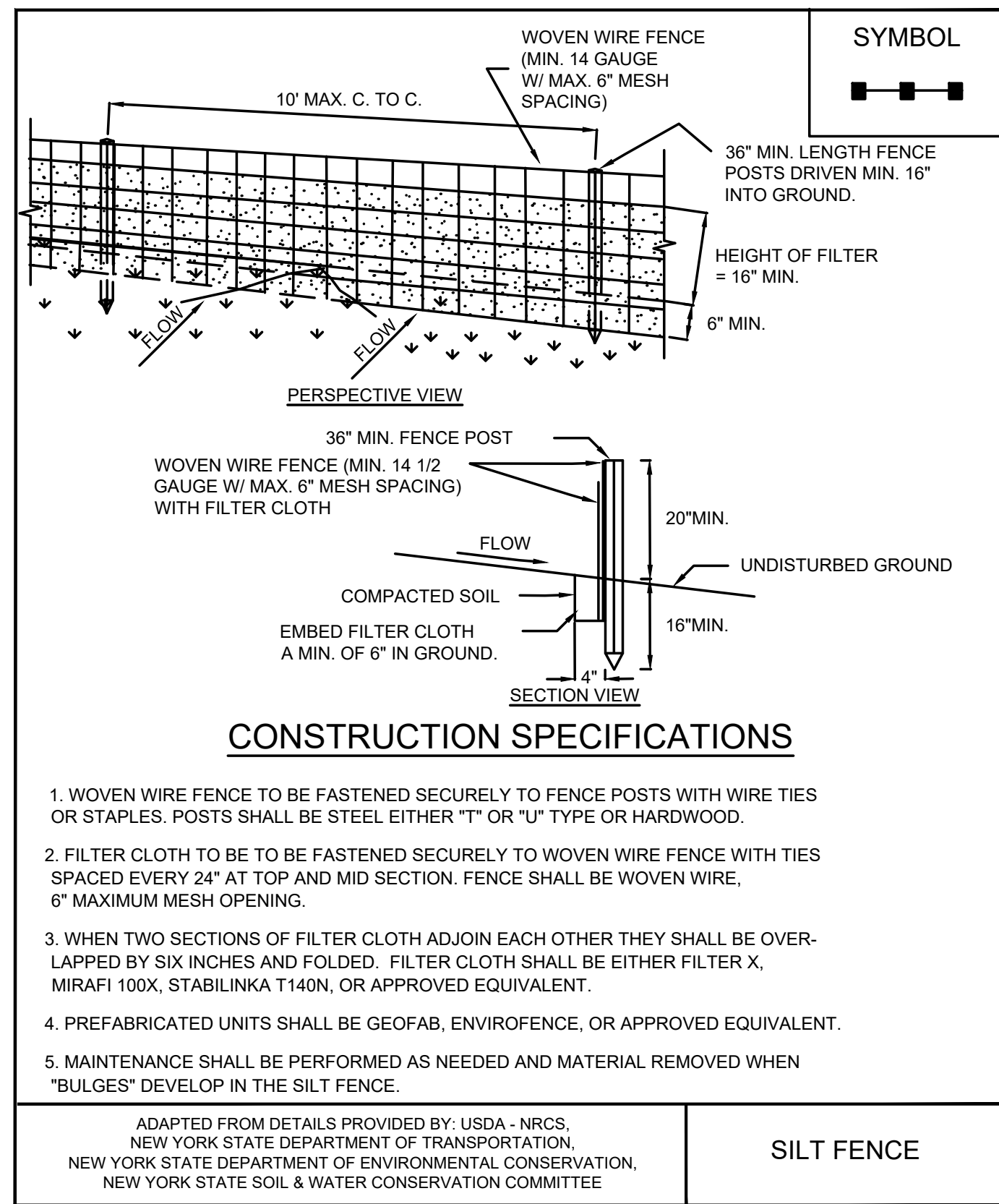
44
3 **DETAIL**
STABILIZED CONSTRUCTION ACCESS
SCALE: NOT TO SCALE



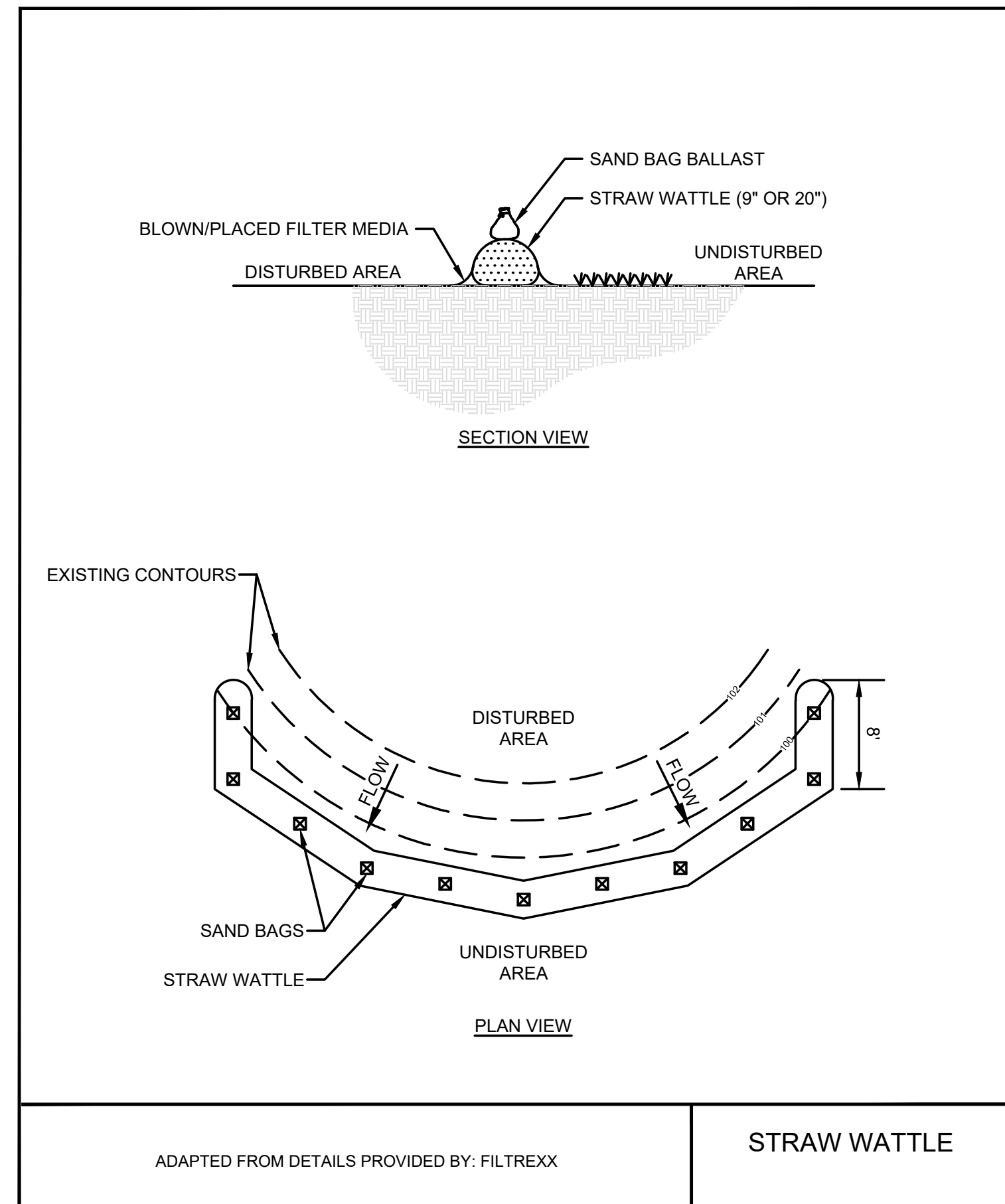
48
- **DETAIL**
EXCAVATION DEWATERING SUMP PIT
(NOTE: AS NEEDED)
SCALE: NOT TO SCALE



45
- **DETAIL**
EARTH DIKE
(NOTE: AS NEEDED)
SCALE: NOT TO SCALE



46
16 **DETAIL**
SILT FENCE
SCALE: NOT TO SCALE



47
19 **DETAIL**
STRAW WATTLE
SCALE: NOT TO SCALE

NON-SEDIMENT POLLUTION PREVENTION

THIS SITE POLLUTION PREVENTION PLAN DESCRIBES GENERAL ACTIVITIES TO PREVENT GENERATION OF POLLUTANTS DUE TO IMPROPER HANDLING STORAGE AND SPILLS, AND PREVENT THE MOVEMENT OF TOXIC SUBSTANCES FORM THE SITE INTO SURFACE WATERS. THE FOLLOWING MINIMUM PRACTICES FOR STORMWATER POLLUTION PREVENTION WILL BE PERFORMED:

- ALL STATE AND FEDERAL REGULATIONS SHALL BE FOLLOWED FOR THE STORAGE, HANDLING, APPLICATION, USAGE, AND DISPOSAL OF PESTICIDES, FERTILIZERS, AND PETROLEUM PRODUCTS.
- VEHICLE AND CONSTRUCTION EQUIPMENT STAGING AND MAINTENANCE AREAS WILL BE LOCATED AWAY FROM ALL DRAINAGE WAYS WITH THEIR PARKING AREAS GRADED SO THE RUNOFF FROM THESE AREAS IS COLLECTED, CONTAINED AND TREATED PRIOR TO DISCHARGE FROM THE SITE.
- CONTRACTOR SHALL PROVIDE SANITARY FACILITIES FOR ON-SITE PERSONNEL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- CONTRACTOR SHALL STORE, COVER, AND ISOLATE CONSTRUCTION MATERIALS INCLUDING ALL EXCAVATION SPOILS, AND CHEMICALS, TO PREVENT RUNOFF OF POLLUTANTS AND CONTAMINATION OF GROUNDWATER AND SURFACE WATERS.
- CONTRACTOR SHALL DEVELOP AND IMPLEMENT A SPILL PREVENTION AND CONTROL PLAN. THE PLAN SHOULD INCLUDE NYSDEC'S SPILL REPORTING AND INITIAL NOTIFICATION REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE ADEQUATE DISPOSAL FOR SOLID WASTE INCLUDING WOODY DEBRIS, STUMPS, AND OTHER CONSTRUCTION WASTE AND MUNICIPAL WASTE. FILL, WOODY DEBRIS, STUMPS AND CONSTRUCTION WASTE SHALL NOT BE PLACED IN REGULATED WETLANDS, STREAMS OR OTHER SURFACE WATERS.
- CONTRACTOR SHALL POST INFORMATIONAL MATERIAL REGARDING PROPER HANDLING, SPILL RESPONSE, SPILL KIT LOCATION, AND EMERGENCY ACTIONS TO BE TAKEN, TO ALL CONSTRUCTION PERSONNEL.
- REFUELING EQUIPMENT SHALL BE LOCATED AT LEAST 100 FEET FROM ALL WETLANDS, STREAMS AND OTHER SURFACE WATERS.

MAINTENANCE AND INSPECTION

- ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES AND STORMWATER POLLUTION PREVENTION PLAN PRACTICES SHALL BE INSPECTED DAILY FOR PROPER APPLICATION AND FUNCTION AS DEFINED IN THE SPECIFICATIONS AND/OR NEW YORK STATE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.
- DAILY INSPECTION REPORTS SHALL BE MAINTAINED ON-SITE THROUGHOUT CONSTRUCTION.

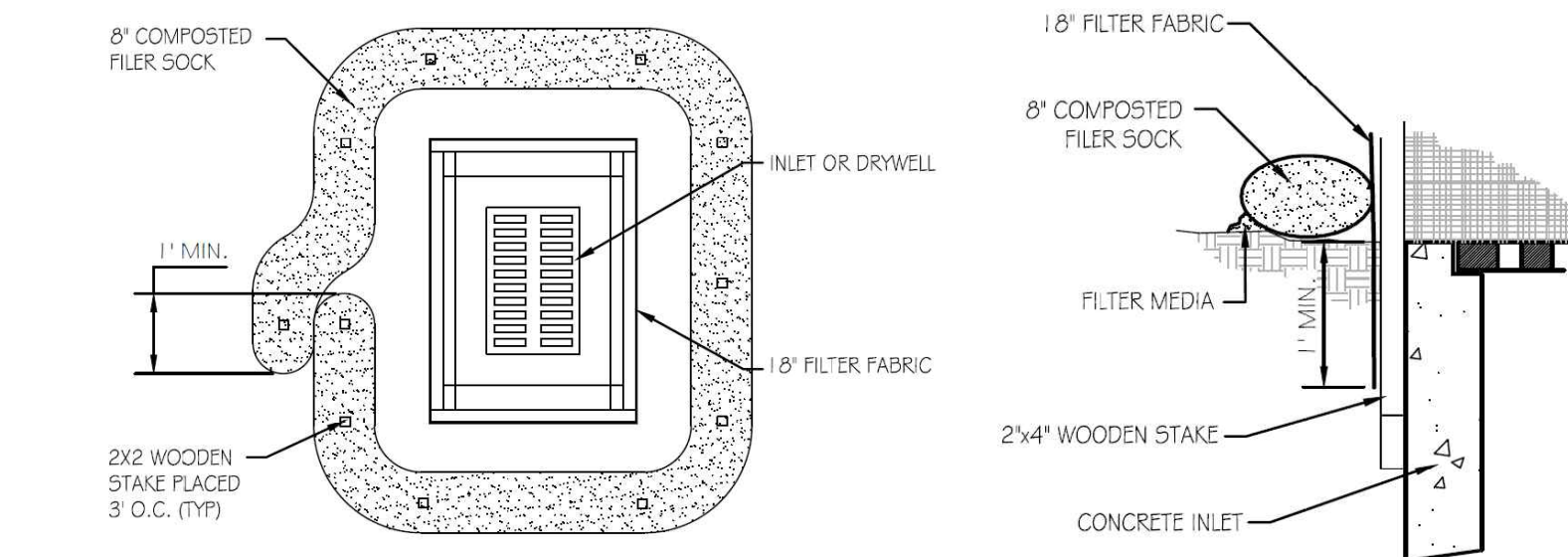
DISCHARGE

- ANY WATER CONTACTING EXCAVATION AREAS PRIOR TO BACKFILLING WITH SOIL COVER SYSTEM (SEE DETAIL 7, SHEET 9) OR WATER COLLECTED WITHIN THE EQUIPMENT WASH PAD SUMP, SHALL BE SEGREGATED, CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
- AT THE COMPLETION OF CONSTRUCTION, ALL TEMPORARY ACCESS ROAD CONSTRUCTION MATERIALS AND EQUIPMENT WASH PAD CONSTRUCTION MATERIALS SHALL BE REMOVED, CHARACTERIZED, AND DISPOSED OF ACCORDANCE WITH NYSDEC-APPROVED IRM WORK PLAN.

NOTES:

- CONTRACTOR SHALL UTILIZE EARTH DIKE, COMPOST FILTER SOCK, AND DEWATERING SUMP PIT.
- CONTRACTOR SHALL INSTALL TEMPORARY 6" TALL CHAIN LINK FENCING PARALLEL TO THE LIMITS OF CONSTRUCTION DISTURBANCE. FENCING SHALL INCLUDE VISUAL SCREENING.

CONSTRUCTION DRAWING



49
19 **DETAIL**
DROP INLET PROTECTION DETAIL
SCALE: NOT TO SCALE

2	11/24/20	RESPONSE TO AGENCY COMMENTS	BGF	AK
1	10/23/20	RESPONSE TO AGENCY COMMENTS	JW	AK
REV	DATE	DESCRIPTION	DRN	APP
B&B Engineers & Geologists of new york, p.c. an affiliate of Geosynec Consultants				
UNISYS				
TITLE: EROSION AND SEDIMENT CONTROL DETAILS				
PROJECT: INTERIM REMEDIATION MEASURE #5				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: AK		DATE: SEPTEMBER 2020		
DRAWN BY: JWO		PROJECT NO.: MN0832I		
CHECKED BY: TBR		FILE: MN0832I-525		
REVIEWED BY: PLB		DRAWING NO.: 24 OF 24		
APPROVED BY: AK				
SIGNATURE <i>Aun Krasnowski</i> 11/24/2020 DATE		STATE OF NEW YORK JASON A. KRASNOWSKI LICENSED PROFESSIONAL ENGINEER 089954-1		