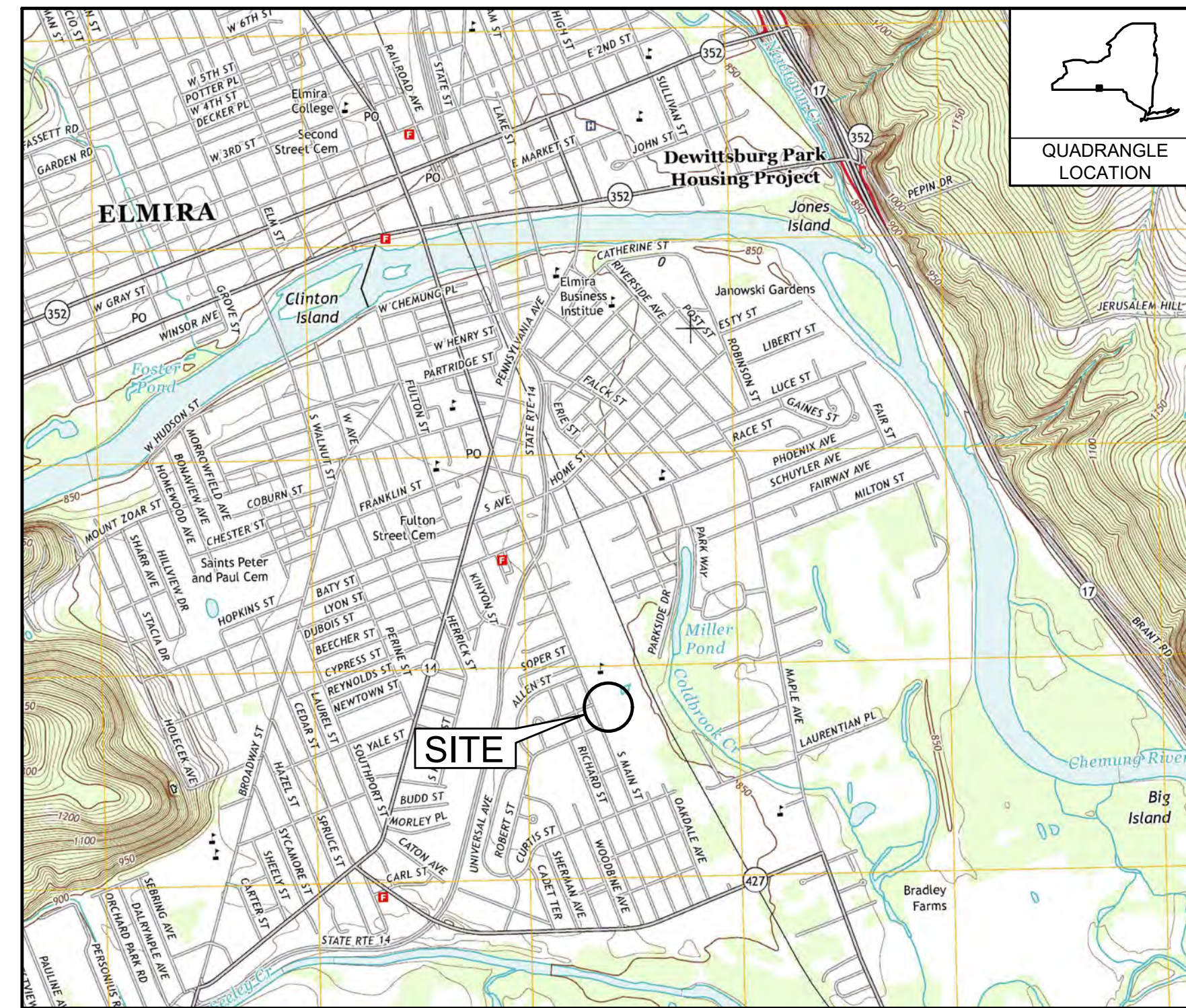


# INTERIM REMEDIATION MEASURE #4

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

APRIL 2020



SOURCE: "ELMIRA, NEW YORK" USGS 7.5' QUADRANGLE, 2013

SCALE: 1" = 2000'

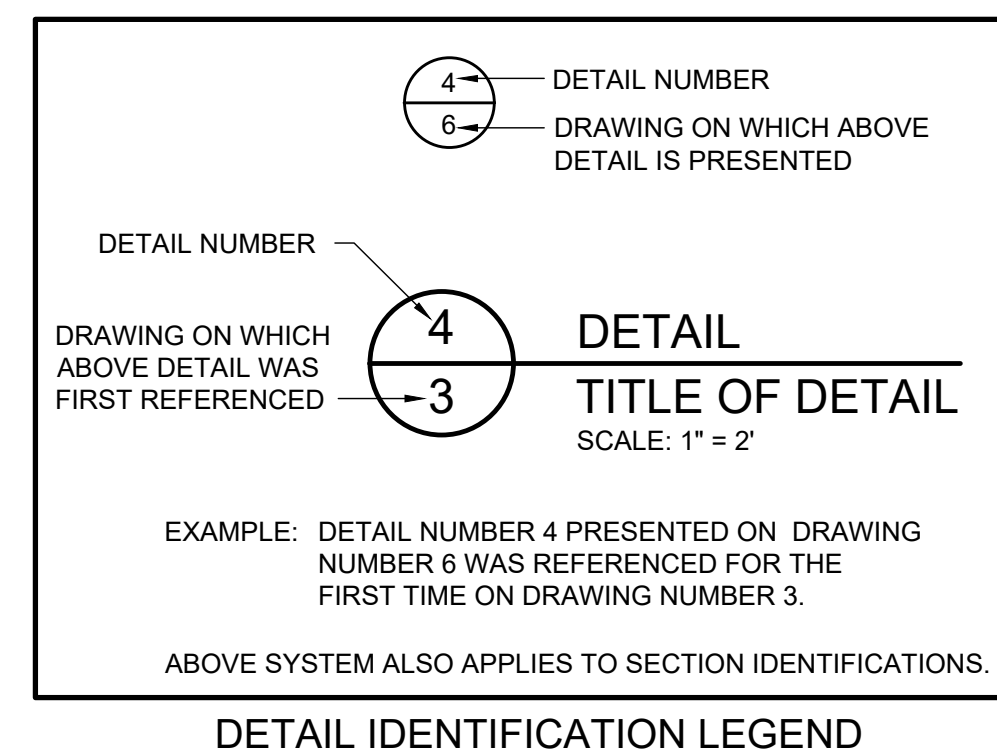
LOCATION MAP

DRAWING LIST	
NUMBER	TITLE
1	TITLE SHEET
2	OVERALL EXISTING CONDITIONS
3	SITE WORK PLAN
4	EXCAVATION GRADING PLAN
5	SUPPORT OF EXCAVATION PLAN
6	DEMOLITION PLAN
7	UTILITES REMOVAL
8	STORM DRAIN SYSTEM PUMP AROUND
9	TEMPORARY WATER SURVICE BYPASS
10	EXCAVATION PLAN 0-2 FT BGS
11	EXCAVATION PLAN 2-4 FT BGS
12	EXCAVATION PLAN 4-6 FT BGS
13	EXCAVATION PLAN 6-8 FT BGS
14	EXCAVATION PLAN 8-10 FT BGS
15	EXCAVATION PLAN 10-12 FT BGS
16	EXCAVATION PLAN 12-14 FT BGS
17	EXCAVATION PLAN 14-16 FT BGS
18	MATERIAL STAGING AREA PLAN (MSA) PLAN
19	TSCA ACCUMULATION AREA PLAN
20	DETAILS
21	EQUIPMENT WASH PAD
22	PROPOSED RESTORATION PLAN
23	PROPOSED UTILITY RESTORATION DETAILS
24	EROSION AND SEDIMENT CONTROL PLAN
25	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



REV	DATE	DESCRIPTION	BGF	AK
1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
			DRN	APP

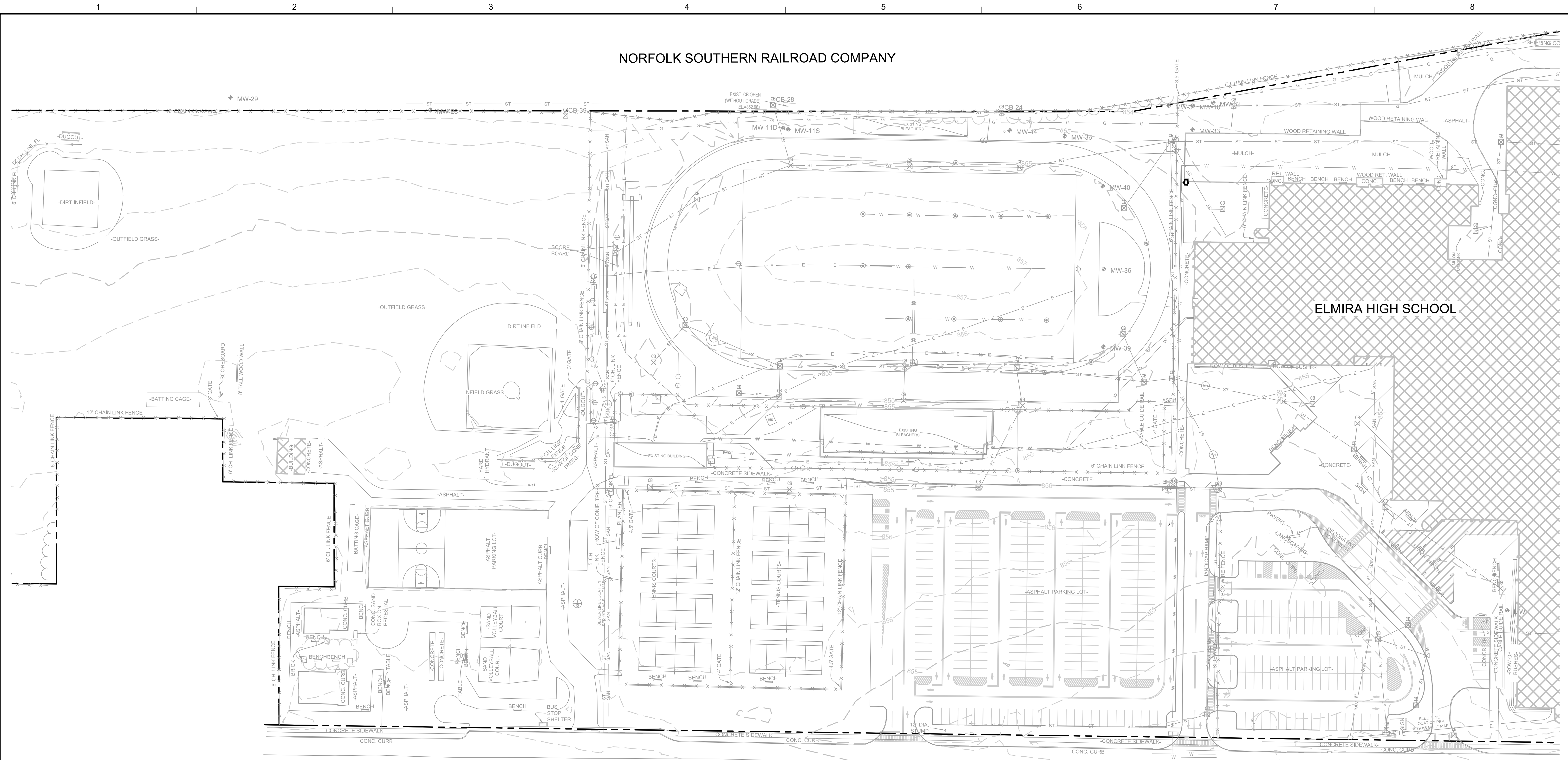
  

TITLE:	TITLE SHEET
PROJECT:	INTERIM REMEDIATION MEASURE #4
SITE:	FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK
DESIGN BY:	AK DATE: APRIL 2020
DRAWN BY:	AD PROJECT NO.: MN0832I
CHECKED BY:	TBR FILE: MN0832I-01
REVIEWED BY:	PLB DRAWING NO.:
APPROVED BY:	AK 1 OF 25

**DRAFT**  
CONSTRUCTION DRAWING

NORFOLK SOUTHERN RAILROAD COMPANY

ELMIRA HIGH SCHOOL



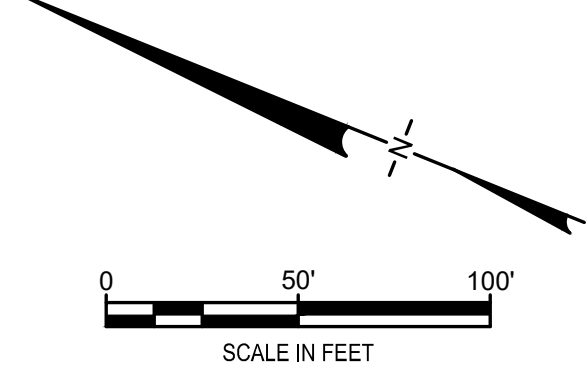
1 PLAN  
OVERALL EXISTING CONDITIONS

LEGEND

- 12" CMP --- 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
- — — TREE
- MANHOLE
- ⊠ CATCH BASIN
- SANITARY MANHOLE
- METAL POLE
- GATE POST
- ⊙ SPRINKLER
- ⊙ STREET LIGHT
- ⊠ ELECTRIC BOX
- ⊠ WATER VALVE
- ⊠ HYDRANT
- ⊙ MW MONITORING WELL

GENERAL NOTES:

- 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
- UNDERGROUND UTILITIES SHOWN WERE MAPPED USING A COMBINATION OF FIELD LOCATED EVIDENCE AND EXISTING UTILITY MAPS. 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.



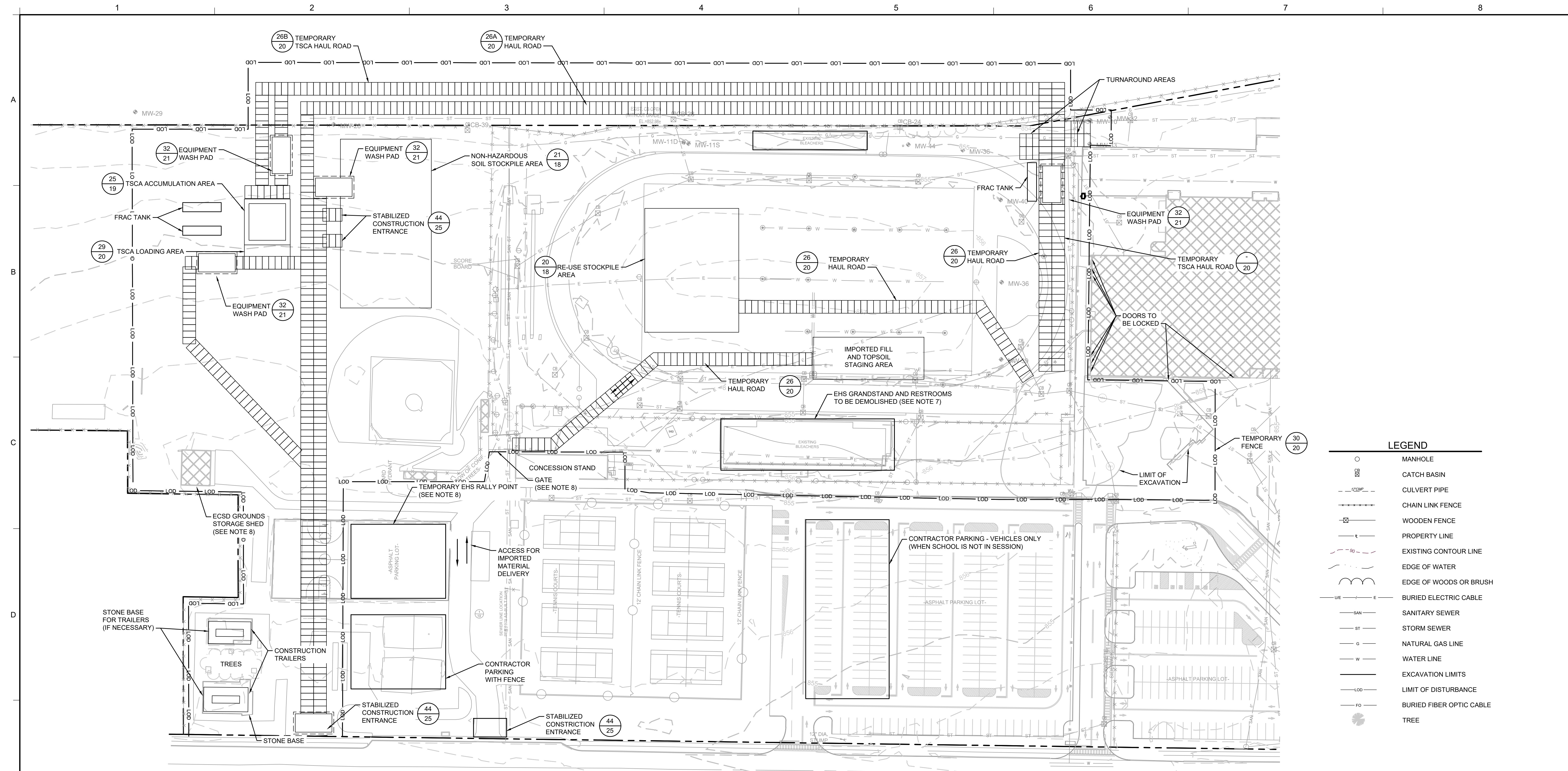
**DRAFT CONSTRUCTION DRAWING**

1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP

**B&B Engineers & Geologists of new york, p.c.** **UNISYS**  
 an affiliate of Geosyntec Consultants  
**TITLE: OVERALL EXISTING CONDITIONS**  
**PROJECT: INTERIM REMEDIATION MEASURE #4**  
**SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK**

DESIGN BY:	AK	DATE:	APRIL 2020
DRAWN BY:	AD	PROJECT NO.:	MN08321
CHECKED BY:	TBR	FILE:	MN08321-02
REVIEWED BY:	PLB	DRAWING NO.:	2 OF 25
APPROVED BY:	AK	DATE:	5/19/2020

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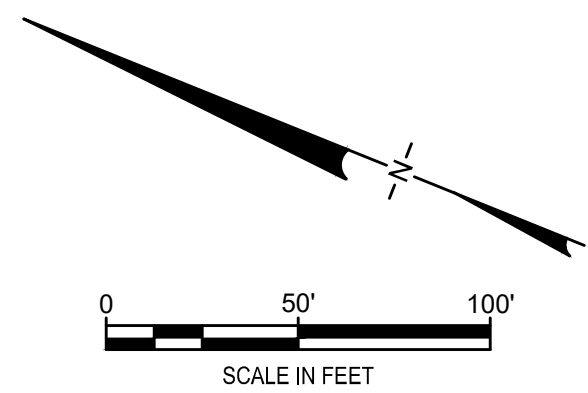
**LEGEND**

○	MANHOLE
⊗	CATCH BASIN
---	CULVERT PIPE
—X—X—	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



**2 PLAN SITE WORK PLAN**

**NOTES:**

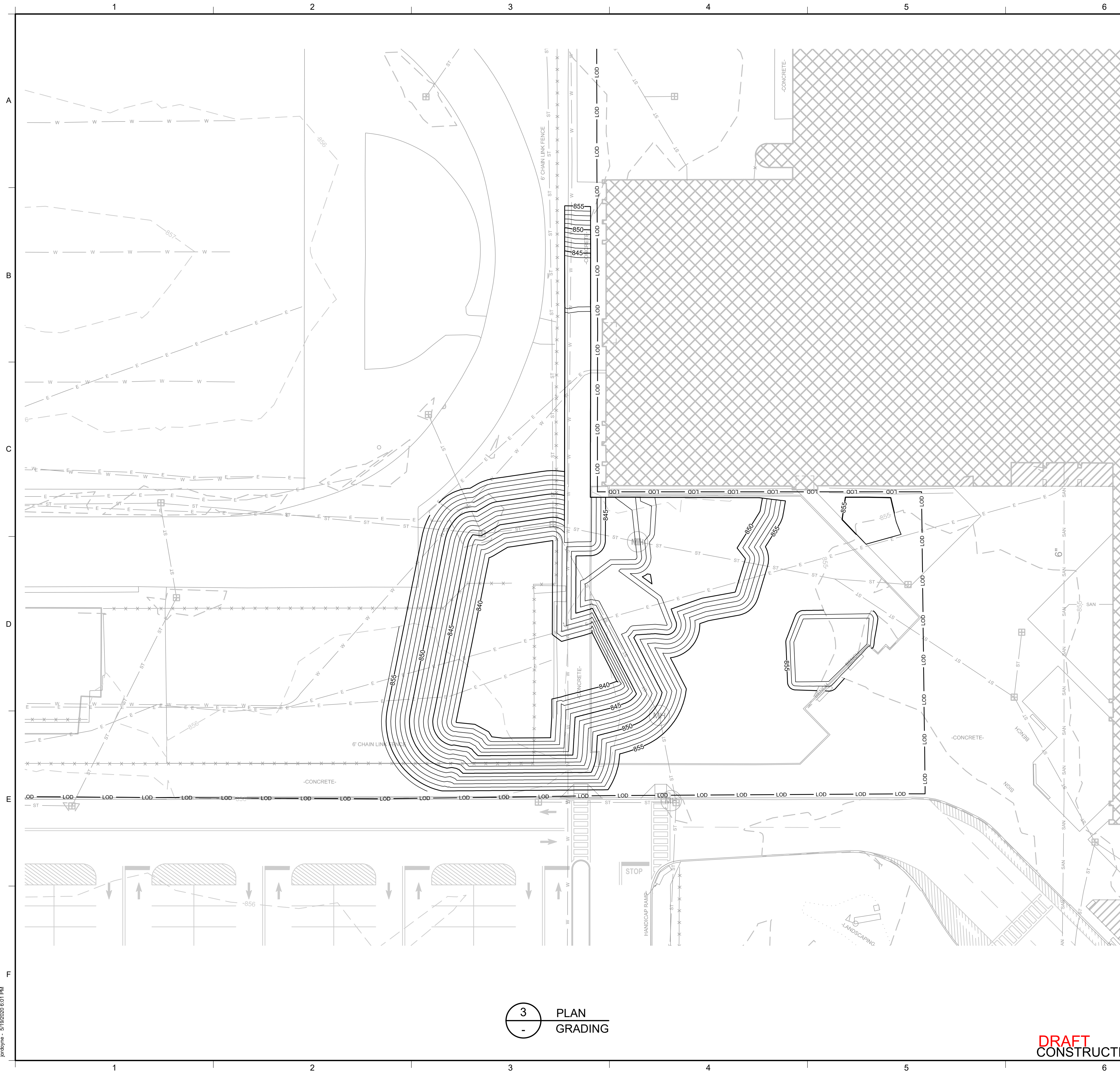
- CONSTRUCTION SEQUENCE:**
- INSTALL/MAINTAIN TEMPORARY SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH APPROVED SWPPP.
  - REMOVE EXISTING CHAIN-LINKED AS INDICATED ON SHEET 6.
  - INSTALL TEMPORARY FENCING AROUND THE LIMITS OF DISTURBANCE.
  - CLEAR THE CONSTRUCTION AREA WITHIN LIMITS OF DISTURBANCE.
  - DEMOLISH EHS GRANDSTANDS. SEE SECTION 02 41 16.
  - INSTALL TEMPORARY HAUL ROADS.
  - CONSTRUCT TSCA ACCUMULATION AREA AND STOCKPILE AREAS AS SHOWN ON DRAWING 3.
  - EXCAVATE AND DEMOLISH CONCRETE SIDEWALKS AS SHOWN ON DRAWING 6.
  - INSTALL SUPPORT OF EXCAVATION AS SHOWN ON DRAWING 5.
  - EXCAVATE SOILS AS SHOWN TO THE GRADES SHOWN ON DRAWING 6. 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 9 TO 16.
  - 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.
  - INSTALL STORMWATER BYPASS AS SHOWN ON SHEET 8.
  - INSTALL TEMPORARY WATER SERVICE CONNECTION AS SHOWN ON SHEET 9.
  - BACKFILL THE EXCAVATION USING STOCKPILED SOILS THAT ARE APPROVED FOR RE-USE. SEE DETAIL 29 ON DRAWING 18. CONFIRMATION SAMPLING AND APPROVAL TO BACKFILL SHALL BE REQUIRED PRIOR TO BACKFILLING.
  - RECONSTRUCT IN-KIND REMOVED UTILITIES.
  - 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 20.
  - FINISH EXCAVATION TO FINAL GRADES SHOWN ON DRAWING 21.
  - RESTORE CONCRETE SIDEWALKS TO EXISTING CONDITIONS.
  - AMEND TOPSOIL AND INSTALL PERMANENT VEGETATION IN LOCATIONS THAT ARE TO BE GRASSED. REPLACE PLANTINGS WITH LIKE AND IN-KIND REPLACEMENTS APPROVED BY ECSD.
  - REMOVE TEMPORARY SEDIMENT AND EROSION CONTROLS.
  - SEE SHEET 3 FOR GENERAL NOTES.
  - 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 APPROVAL OF ENGINEER, ECSD AND NYSDEC.
  - 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 TRANSIT OF HAUL TRUCKS CARRYING SOILS WITH ≥ 50 MG/KG PCBs (TSCA HAUL TRUCKS).
  - CONTRACTOR SHALL DEMOLISH THE EXISTING HOME GRANDSTAND, PRESS BOX AND RESTROOMS IN ACCORDANCE WITH SPECIFICATION SECTION 02 41 16 AFTER CONSTRUCTION OF THE TEMPORARY RALLY POINT.
  - CONTRACTOR SHALL MAINTAIN ACCESS ECSD PERSONNEL. TO GROUND STORAGE SHED AND CONCESSION STAND STORAGE.
  - CONTRACTOR SHALL PROTECT EXISTING MONITORING WELLS WITHIN THE LIMIT OF DISTURBANCE DURING CONSTRUCTION AND RESTORE ACCESS DURING SITE RESTORATION.



**DRAFT CONSTRUCTION DRAWING**

1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
 				
<b>TITLE:</b> SITE WORK PLAN				
<b>PROJECT:</b> INTERIM REMEDIATION MEASURE #4				
<b>SITE:</b> FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: AK		DATE: APRIL 2020		
DRAWN BY: JWO		PROJECT NO.: MN0832I		
CHECKED BY: TBR		FILE: MN0832I-03		
REVIEWED BY: PLB		DRAWING NO.:		
APPROVED BY: AK		<b>3</b> OF <b>25</b>		

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LEGEND			
	MANHOLE		HISTORIC SPOT ELEVATION
	CATCH BASIN		HISTORIC STRUCTURE
	CULVERT PIPE		EXISTING FOOTING
	CHAIN LINK FENCE	841.10	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		

NOTES:

- SEE SHEET 3 FOR GENERAL NOTES
- SEE SECTION 02 61 13 FOR REQUIREMENTS REGARDING EXCAVATION.
- CONTRACTOR SHALL SUBMIT TO THE ENGINEER AN EXCAVATION WORK PLAN CONFORMING TO THE APPROVED IRM WORK PLAN. ANY MODIFICATIONS OR DEVIATIONS FROM THE APPROVED IRM WORK PLAN MUST BE APPROVED BY NYSDEC.
- 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.
- CONFIRMATION AND 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 20. LOCATION AND DEPTH OF DEMARCATION LAYERS WILL BE SURVEYED PRIOR TO BACKFILLING. SEE SECTION 01 78 29. GEOTEXTILE DEMARCATION WILL BE USED IF RESIDUAL OR REMAINING CONTAMINATION IS LEFT IN PLACE.
- 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 VALIDATED AND APPROVED BY NYSDEC. SEE SECTION 31 23 23.

REV	DATE	DESCRIPTION	DRN	APP
1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK

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

**TITLE:** EXCAVATION GRADING PLAN

**PROJECT:** INTERIM REMEDIATION MEASURE #4

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

DESIGN BY:	AK	DATE:	APRIL 2020
DRAWN BY:	JWO	PROJECT NO.:	MN0832I
CHECKED BY:	TBR	FILE:	MN0832I-04
REVIEWED BY:	PLB	DRAWING NO.:	
APPROVED BY:	AK		

SIGNATURE  
5/19/2020  
DATE

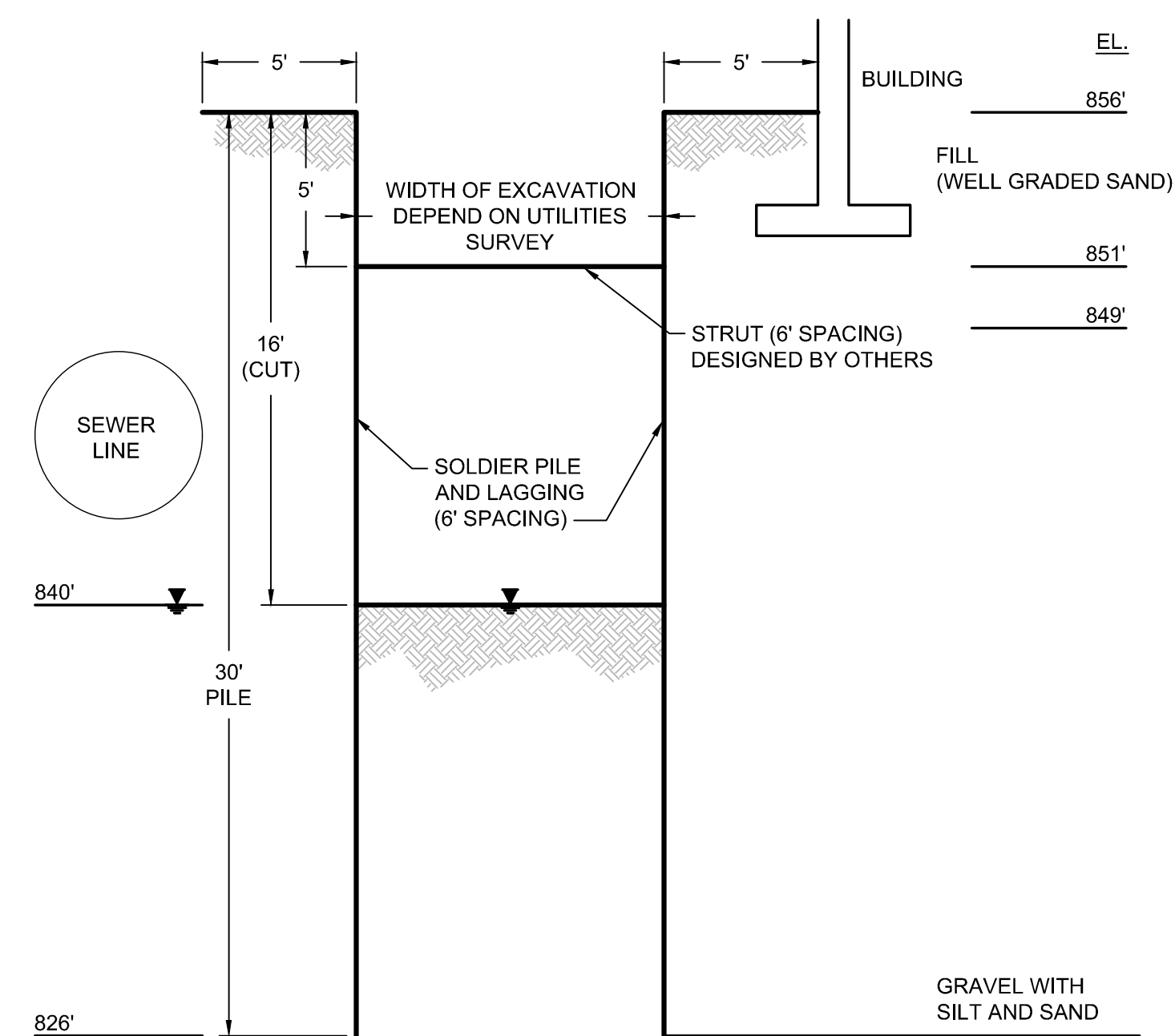
4 OF 25

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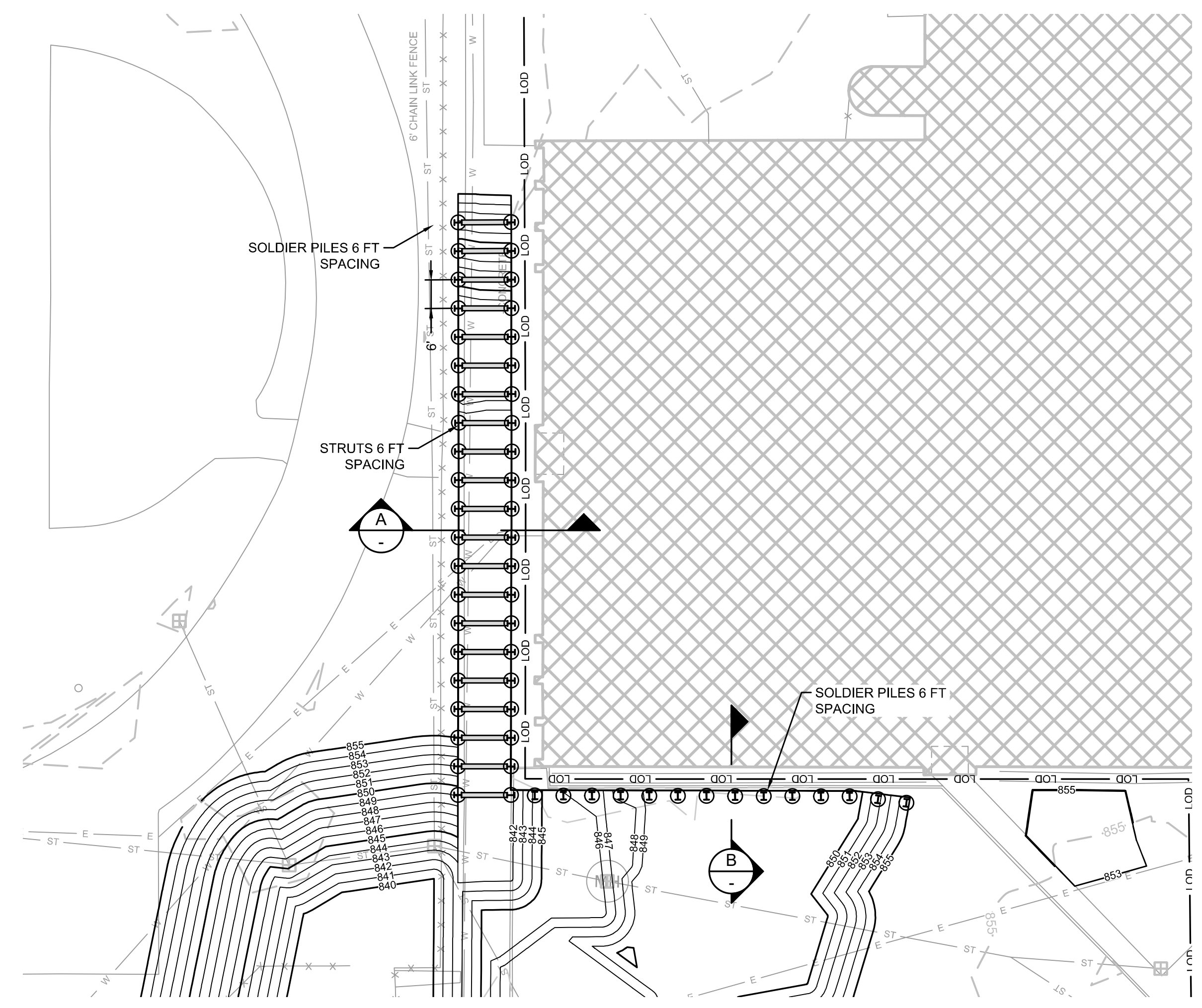
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GRADING**

**DRAFT  
CONSTRUCTION DRAWING**

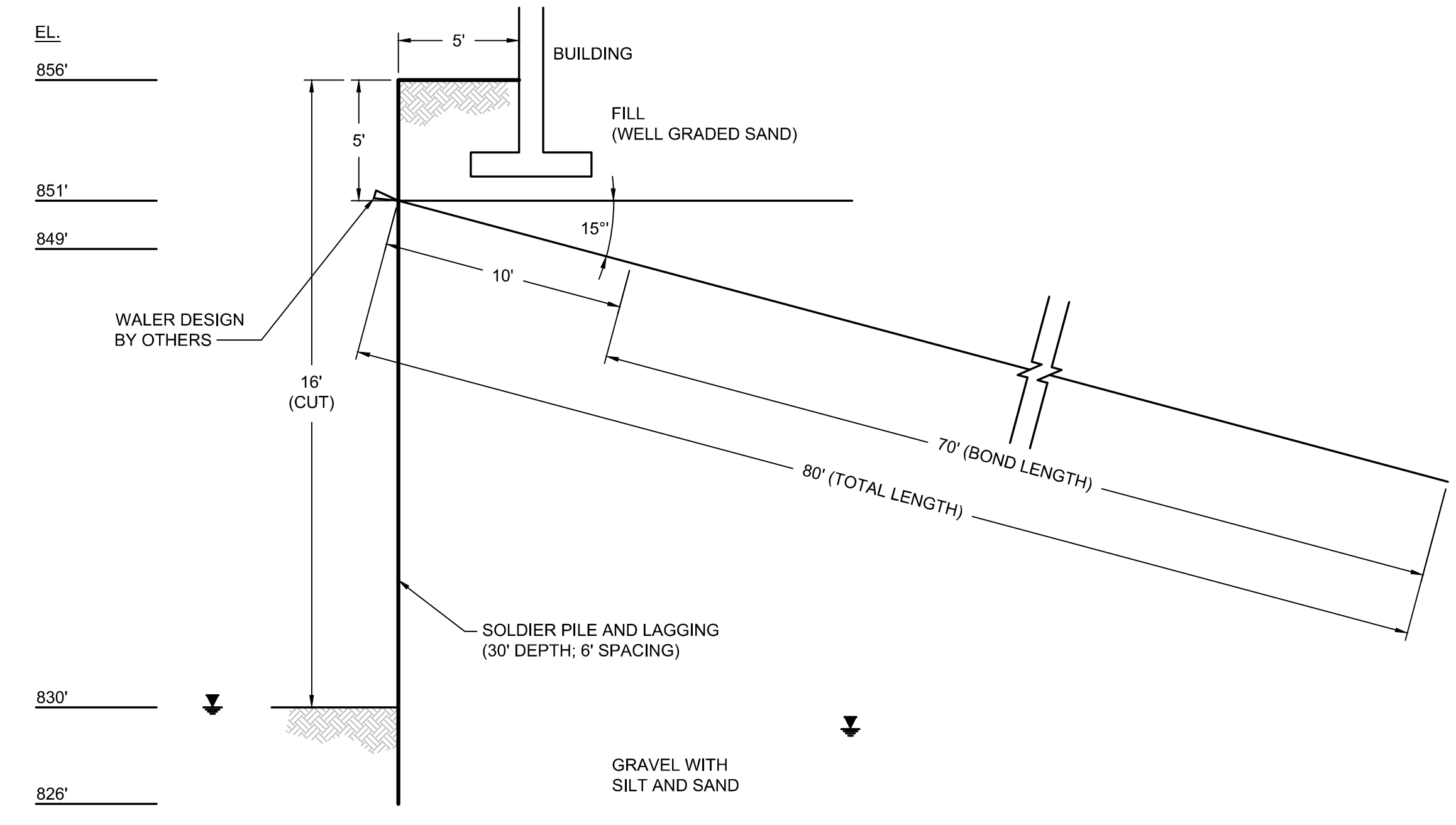
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**A** SECTION  
SOLDIER PILE WITH LAGGING AND STRUT  
NOT FOR CONSTRUCTION  
SCALE: NTS



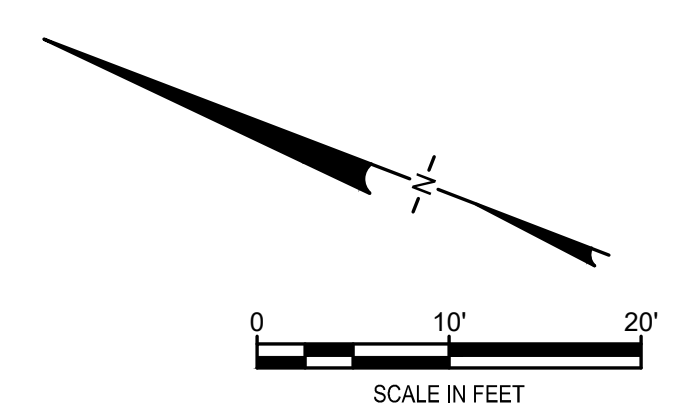
**4** PLAN  
EXCAVATION SUPPORT





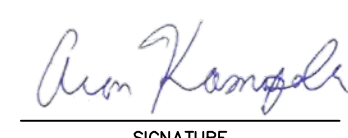

**B** SECTION  
SOLDIER PILE WITH LAGGING AND TIEBACK  
NOT FOR CONSTRUCTION  
SCALE: NTS

**LEGEND**

○	MANHOLE	⊕	HISTORIC SPOT ELEVATION
⊗	CATCH BASIN	---	HISTORIC STRUCTURE
---	CULVERT PIPE	▬	EXISTING FOOTING
○	CHAIN LINK FENCE	841.10 ○	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		

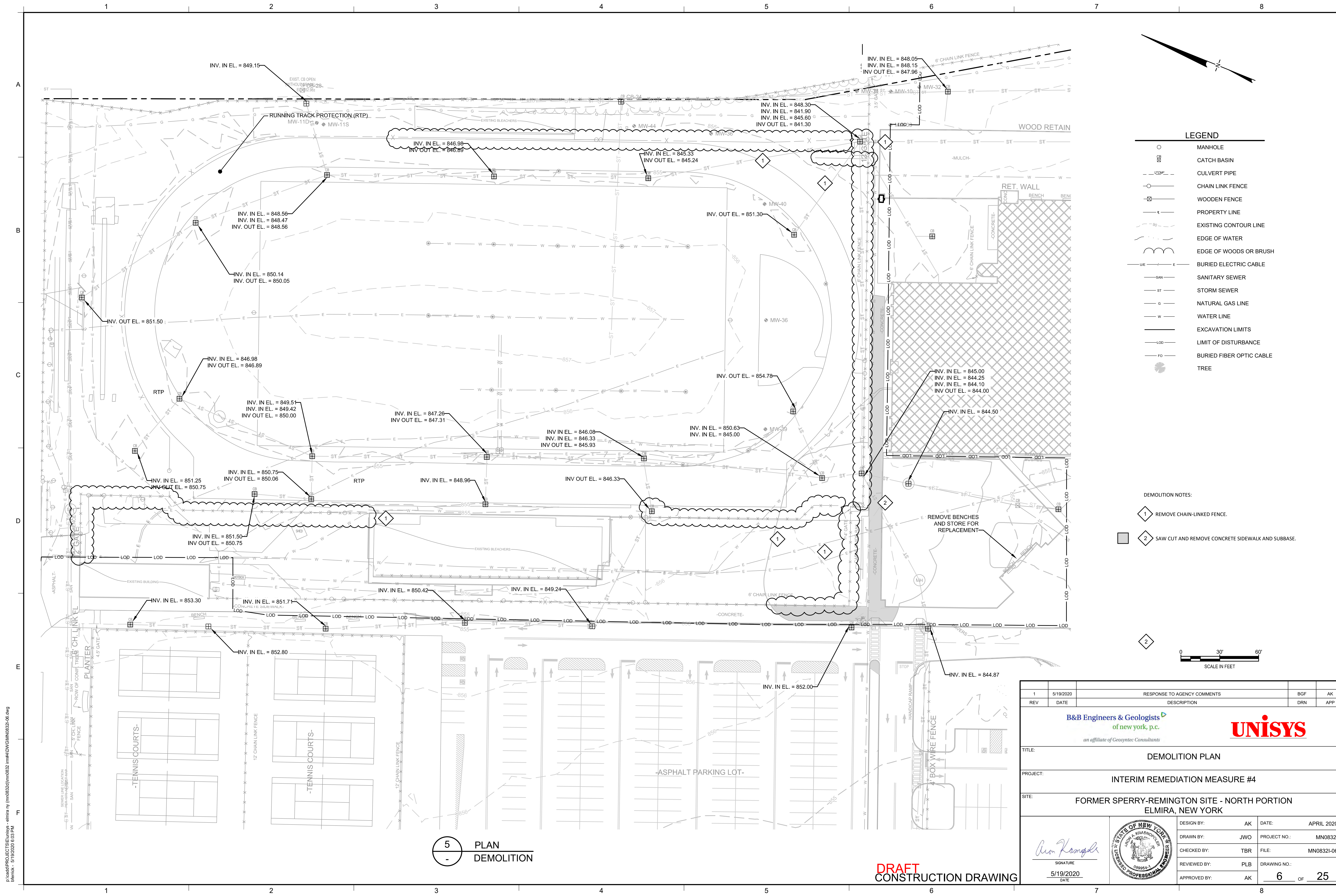


- NOTES:**
- SEE SHEET 3 FOR GENERAL NOTES.
  - SEE SHEET 4 FOR GRADING PLAN.
  - SEE SECTION 31 15 00 FOR REQUIREMENTS REGARDING SUPPORT OF EXCAVATION. CONTINUOUS VIBRATION MONITORING TO BE CONDUCTED FOR THE BUILDING DURING INSTALLATION OF SUPPORT OF EXCAVATION ELEMENTS. SEE SECTION 02 22 13 FOR REQUIREMENTS.
  - SOLDIER PILES AND STRUTS AND LAGGING INSTALLED ON THE NORTH WALL SHOWN ON SECTION A SHALL REMAIN IN PLACE AFTER EXCAVATION IS COMPLETED WITH THE ACCEPTANCE OF ECSD.
  - SOLDIER PILES SHOWN ON SECTION B SHALL REMAIN IN PLACE AFTER EXCAVATION IS COMPLETED WITH THE ACCEPTANCE OF ECSD. SOLDIER PILES SHALL BE CUT OFF APPROX. 36" BELOW FINISHED GRADE (8" BELOW FINISHED GRADE AT DOORWAYS).
  - LAGGING INSTALLED ON THE SOUTH WALL OF SECTION A AND LAGGING AND TIEBACKS INSTALLED ON SECTION B SHALL BE REMOVED AFTER EXCAVATION IS COMPLETED. GEOTEXTILE DEMARCATION SHALL BE USED IF RESIDUAL OR REMAINING CONTAMINATION IS LEFT IN PLACE.
  - THE TYPE AND LOCATION OF SUPPORT OF EXCAVATION ELEMENTS THAT REMAIN IN PLACE AFTER EXCAVATION IS COMPLETED WILL BE SURVEYED PRIOR TO BACKFILLING. SEE SECTION 01 78 29.
  - DOCUMENTATION SAMPLES SHALL BE COLLECTED BY ENGINEER AS EXCAVATION PROCEEDS, BEFORE LAGGING IS INSTALLED.
  - ECSD WILL DO AN INSPECTION OF EXISTING CONDITION PRIOR TO DRIVING SOLDIER PILES TO DOCUMENT CONDITIONS OF MASONRY, TILE AND OTHER INTERIOR FINISHES. UPON COMPLETION, ECSD WILL DO A FOLLOW UP INSPECTION TO NOTE ANY CRACKING OR SETTLEMENT IN THE BUILDING FOLLOWING PILE ACTIVITIES. ANY DAMAGE SHALL BE SUBJECT TO REPAIR.

1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
 				
TITLE: SUPPORT OF EXCAVATION PLAN				
PROJECT: INTERIM REMEDIATION MEASURE #4				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: AK		DATE: APRIL 2020		
DRAWN BY: JWO		PROJECT NO.: MN0832I		
CHECKED BY: TBR		FILE: MN0832I-05		
REVIEWED BY: PLB		DRAWING NO.:		
APPROVED BY: AK		5 OF 25		
 SIGNATURE 5/19/2020 DATE				

**DRAFT**  
CONSTRUCTION DRAWING

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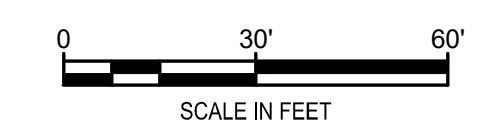


**LEGEND**

○	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	SAW CUT AND REMOVE CONCRETE SIDEWALK AND SUBBASE.

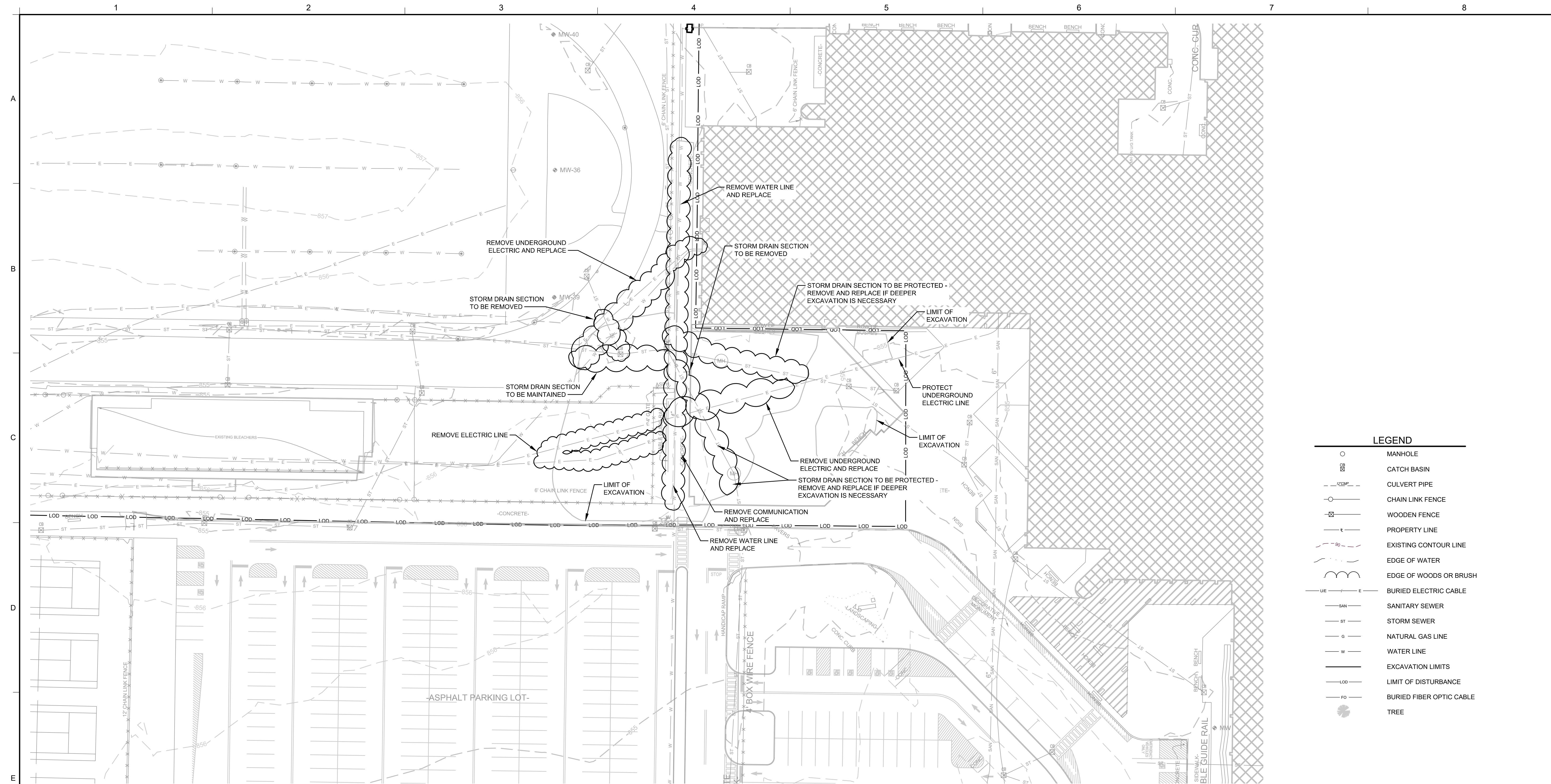


1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
<b>DEMOLITION PLAN</b>				
<b>INTERIM REMEDIATION MEASURE #4</b>				
<b>FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK</b>				
DESIGN BY:	AK	DATE:	APRIL 2020	
DRAWN BY:	JWO	PROJECT NO.:	MN0832I	
CHECKED BY:	TBR	FILE:	MN0832I-06	
REVIEWED BY:	PLB	DRAWING NO.:	6 OF 25	
APPROVED BY:	AK			

5 PLAN DEMOLITION

**DRAFT CONSTRUCTION DRAWING**

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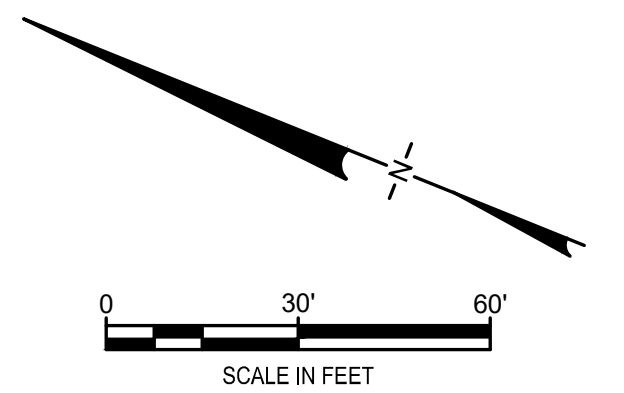


**LEGEND**





- 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

**6 PLAN  
UTILITY ABANDONMENT**

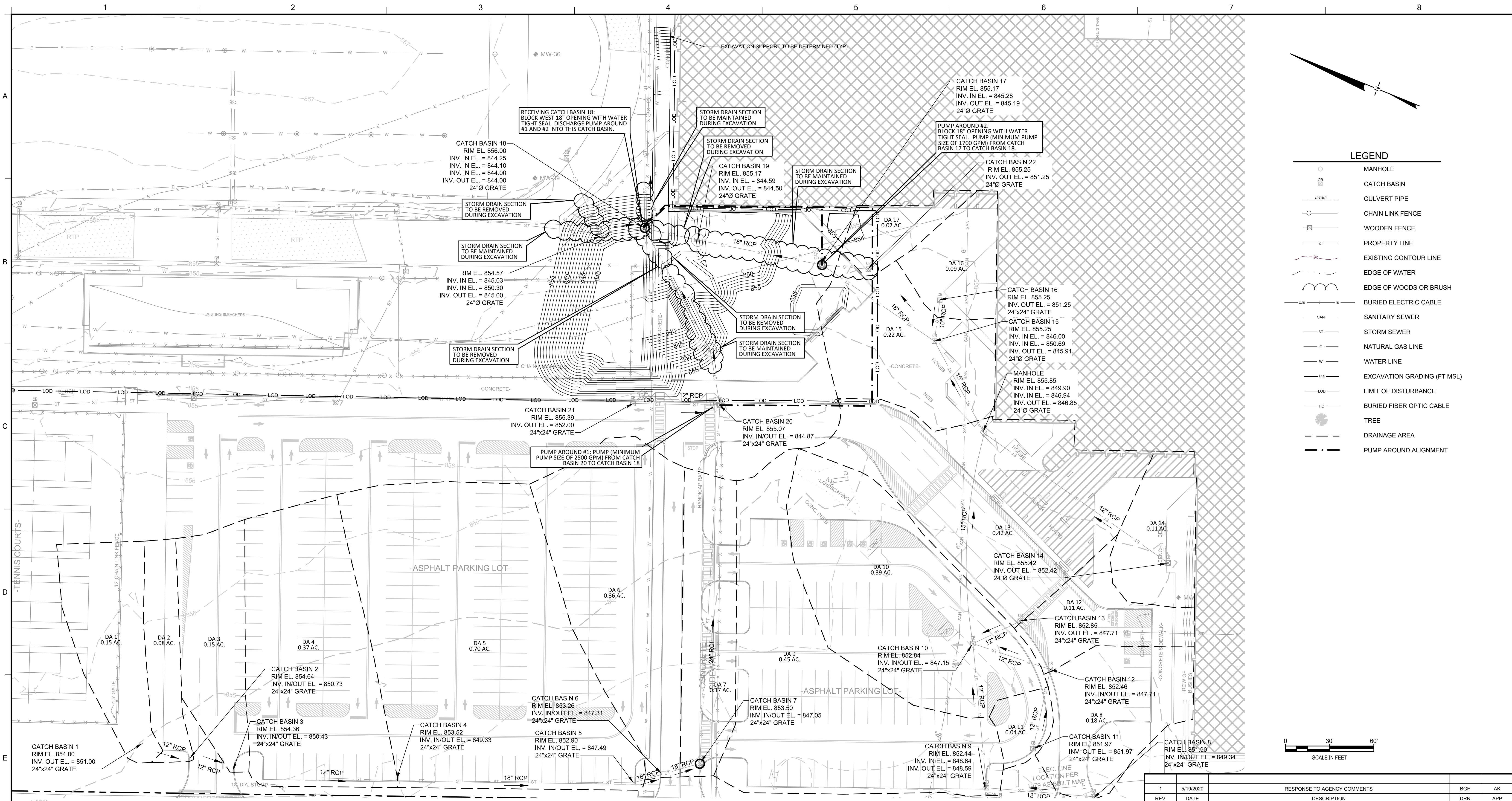
- NOTES:**
- SEE DRAWING 8 FOR STORMWATER BYPASS.
  - SEE DRAWING 9 FOR TEMPORARY WATER SERVICE.
  - EXISTING UTILITIES SHOWN HAVE BEEN LOCATED BASED ON AVAILABLE RECORD DRAWINGS. THE LOCATIONS SHOWN SHOULD BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL UNCOVER EXISTING UTILITIES TO CONFIRM THEIR LOCATION, TYPE AND SIZE PRIOR TO INITIATING SOIL EXCAVATION OR DRIVING SHEET PILES.
  - UTILITY REMOVAL WILL BE LIMITED TO UTILITIES UNCOVERED DURING EXCAVATION SHOWN ON DRAWING 6.
  - UTILITIES WITHIN THE EXCAVATION SHALL BE REMOVED AND CHARACTERIZED FOR OFF-SITE DISPOSAL DURING EXCAVATION AND REPLACED IN-KIND AS THE EXCAVATION IS BACKFILLED. CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT WATER AND ELECTRIC SERVICES ARE SHUT OFF PRIOR TO REMOVAL.
  - CUT AND TEMPORARILY CAP UTILITIES IN A MANNER THAT ALLOWS FOR RE-CONNECTION OF IN-KIND REPLACEMENT UTILITIES DURING BACKFILLING.



**DRAFT  
CONSTRUCTION DRAWING**

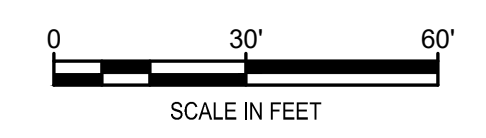
1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
 				
<b>TITLES:</b> UTILITES REMOVAL				
<b>PROJECT:</b> INTERIM REMEDIATION MEASURE #4				
<b>SITE:</b> FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: AK DRAWN BY: JWO CHECKED BY: TBR REVIEWED BY: PLB APPROVED BY: AK		DATE: APRIL 2020 PROJECT NO.: MN0832I FILE: MN0832I-07 DRAWING NO.: 7 OF 25		
SIGNATURE  5/19/2020 DATE				

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**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 GRADING (FT MSL)
- LIMIT OF DISTURBANCE
- BURIED FIBER OPTIC CABLE
- TREE
- DRAINAGE AREA
- PUMP AROUND ALIGNMENT



- NOTES:**
- SEE DRAWING 9 FOR TEMPORARY WATER SERVICE.
  - EXISTING UTILITIES SHOWN HAVE BEEN LOCATED BASED ON AVAILABLE RECORD DRAWINGS. THE LOCATIONS SHOWN SHOULD BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL UNCOVER EXISTING UTILITIES TO CONFIRM THEIR LOCATION, TYPE AND SIZE PRIOR TO INITIATING SOIL EXCAVATION OR DRIVING SHEET PILES.
  - UTILITY REMOVAL WILL BE LIMITED TO UTILITIES UNCOVERED DURING EXCAVATION SHOWN ON DRAWING 7.
  - UTILITIES WITHIN THE EXCAVATION SHALL BE REMOVED AND CHARACTERIZED FOR OFF-SITE DISPOSAL DURING EXCAVATION AND REPLACED IN-KIND AS THE EXCAVATION IS BACKFILLED. CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT WATER AND ELECTRIC SERVICES ARE SHUT OFF PRIOR TO REMOVAL.
  - CUT AND TEMPORARILY CAP UTILITIES IN A MANNER THAT ALLOWS FOR RE-CONNECTION OF IN-KIND REPLACEMENT UTILITIES DURING BACKFILLING.

**7 PLAN**  
**STORM DRAIN SYSTEM PUMP AROUND**

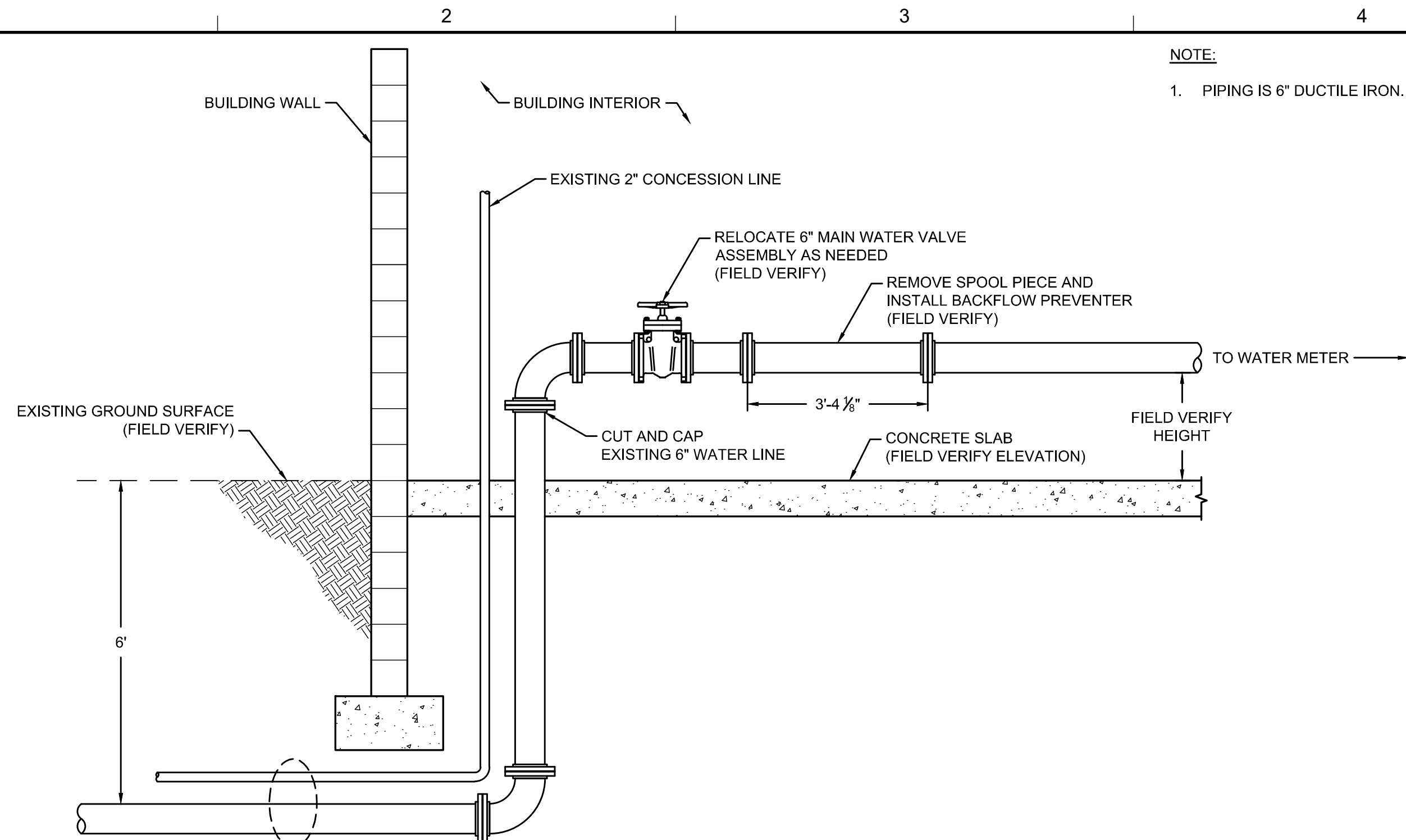
PUMP SELECTION TABLE					
<b>PUMP 1</b>					
STORM FREQUENCY	1	2	5	10	
STORM DRAIN Q (CFS)	4.53	5.53	7.03	8.43	
PUMP REQUIREMENT (GPM)	2033	2482	3155	3784	
<b>PUMP 2</b>					
STORM FREQUENCY	1	2	5	10	
STORM DRAIN Q (CFS)	2.91	3.75	5.04	6.24	
PUMP REQUIREMENT (GPM)	1306	1683	2262	2801	

**DRAFT**  
**CONSTRUCTION DRAWING**

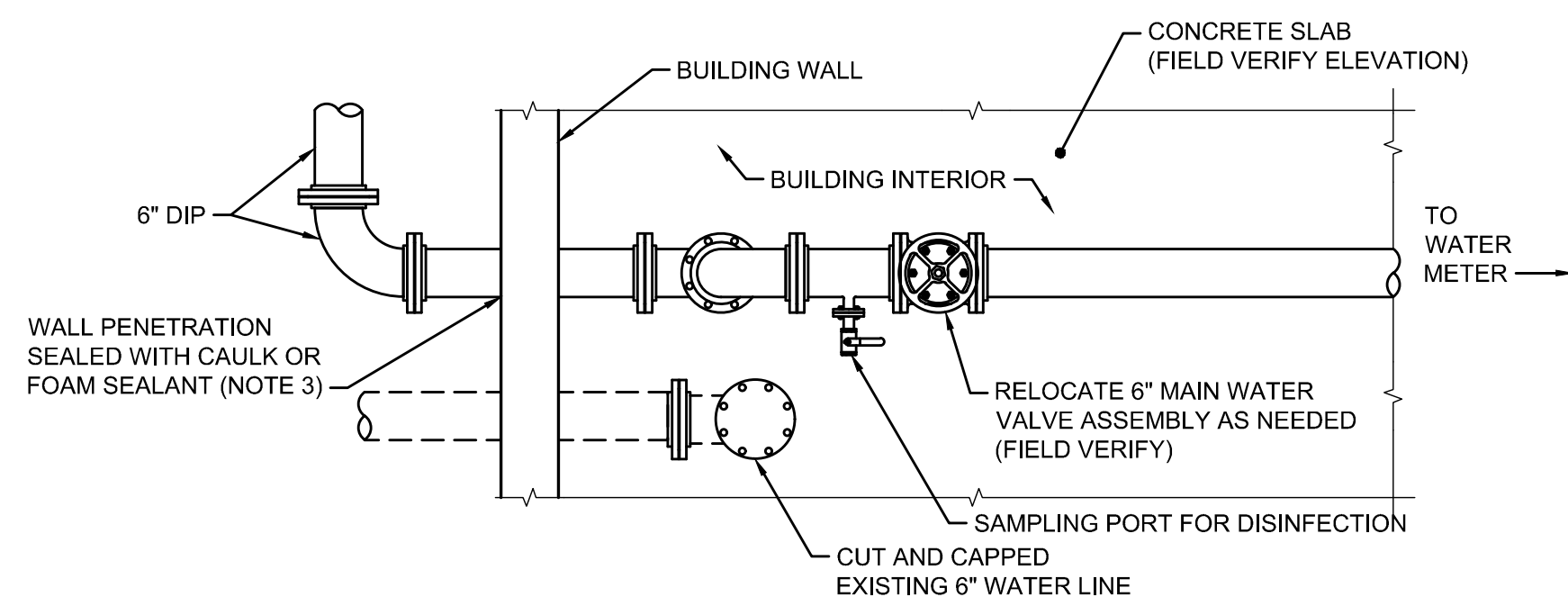
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REV	DATE	DESCRIPTION	DRN	APP
TITLE: STORM DRAIN SYSTEM PUMP AROUND				
PROJECT: INTERIM REMEDIATION MEASURE #4				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: JSW		DATE: APRIL 2020		
DRAWN BY: JSW		PROJECT NO.: MN0832I		
CHECKED BY: AK		FILE: MN0832I-08		
REVIEWED BY: CHP		DRAWING NO.: 8 OF 25		
APPROVED BY: AK				

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 jobname - 5/19/2020 6:05 PM

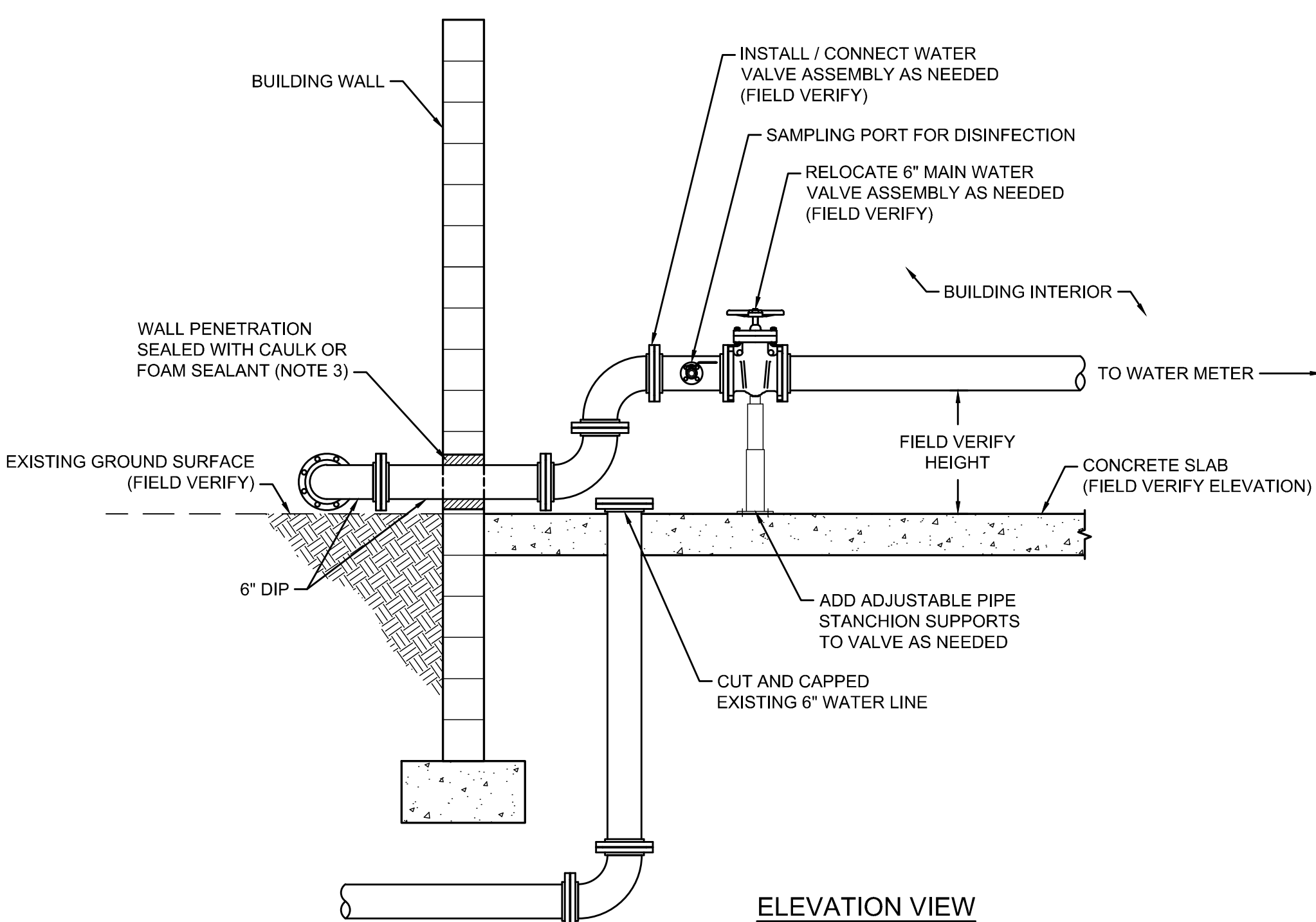




**9** DETAIL  
EXISTING WATER SUPPLY CONNECTION  
SCALE: 1" = 2'

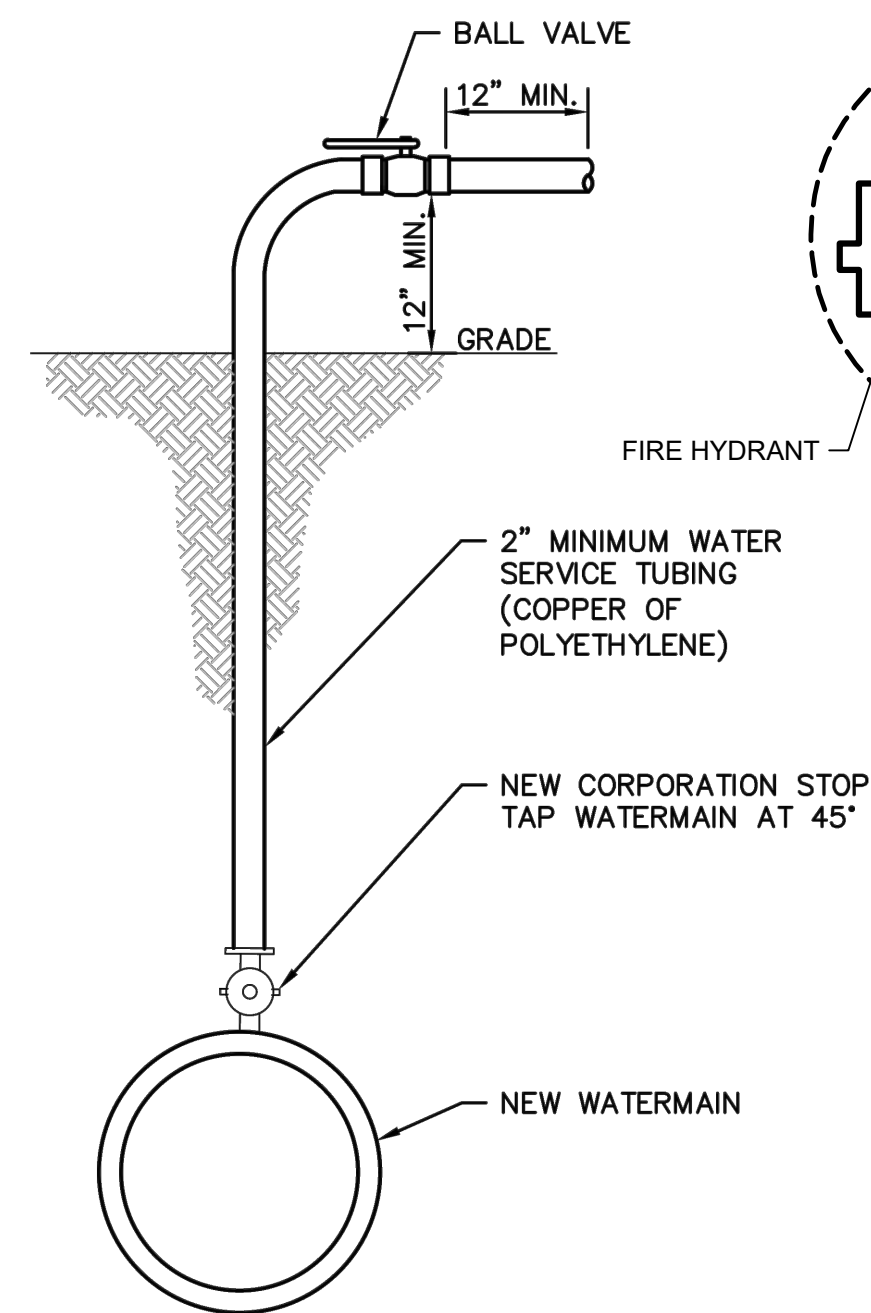


PLAN VIEW



**10** DETAIL  
PROPOSED TEMPORARY WATER SUPPLY CONNECTION  
SCALE: 1" = 2'

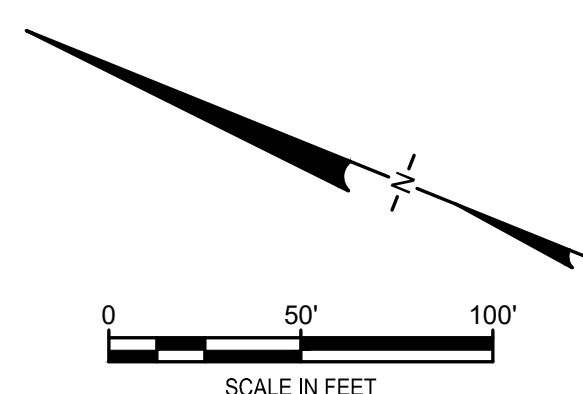
NOTE:  
1. PIPING IS 6" DUCTILE IRON.



NOTE:  
1. UPON NOTIFICATION FROM THE NYS HEALTH DEPARTMENT THAT A SATISFACTORY WATER SAMPLE HAS BEEN OBTAINED, SHUT DOWN CORPORATION STOP AND REMOVE THE SERVICE TUBING.  
2. IMMEDIATELY PRIOR TO PLACING THE WATERMAIN IN SERVICE THE CONTRACTOR SHALL REMOVE ALL CORPORATIONS ASSOCIATED WITH TEMPORARY FACILITIES AND REPLACE WITH THREADED BRASS PLUGS.  
3. COST FOR TEMPORARY FILLING/ BLOW-OFF TAP TO BE INCLUDED IN PIPE ITEM.

**11** DETAIL  
SAMPLING TAP  
SCALE: NOT TO SCALE

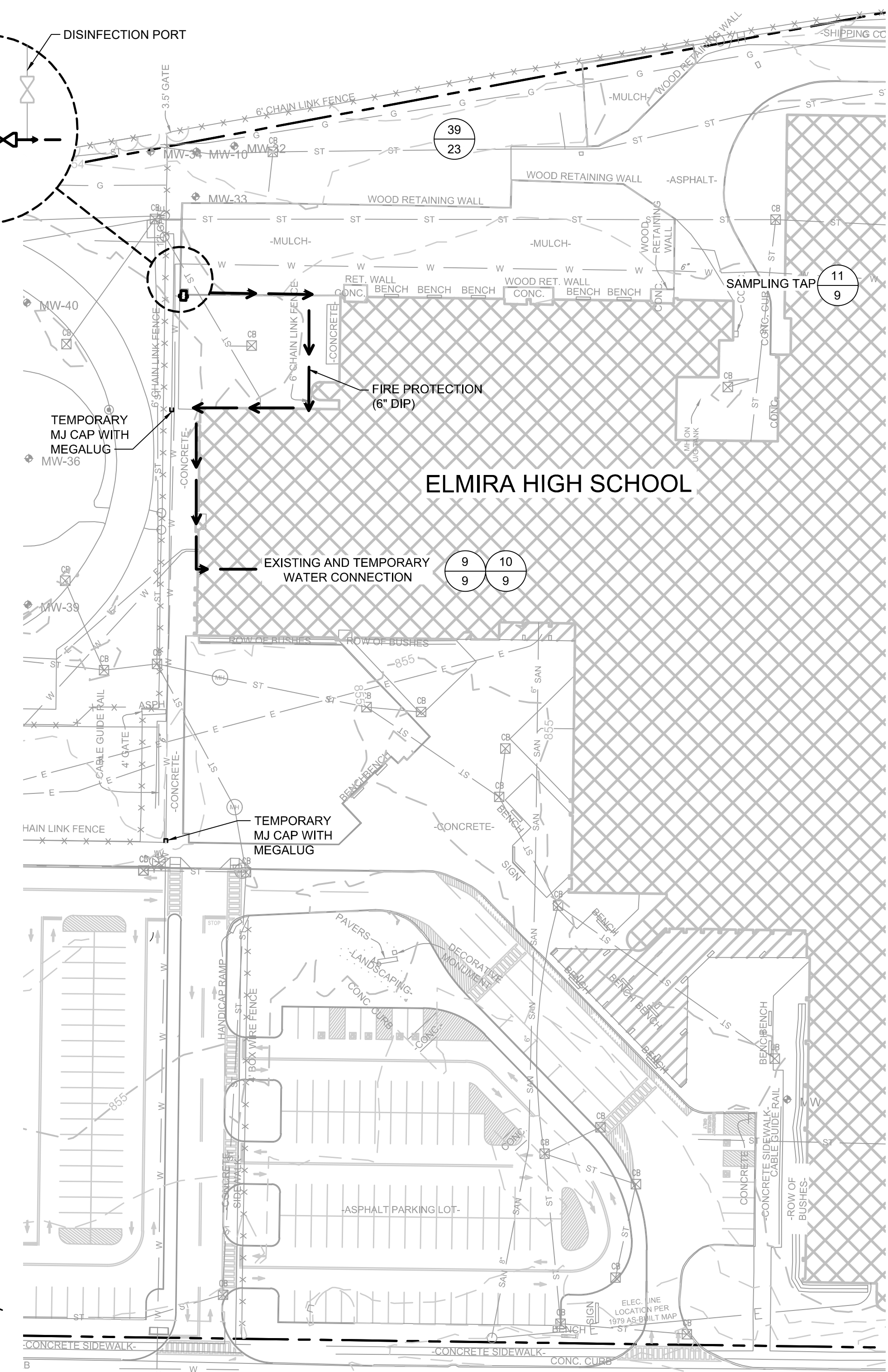
NOTES:  
1. PIPING IS 6" DUCTILE IRON.  
2. BACKFLOW PREVENTER MUST BE COMPLIANT WITH ASSE 1024 OR CSA B64.  
3. EXISTING WATER LINE AND WALL PENETRATION SHALL BE RESTORED TO ORIGINAL CONDITION AFTER REMOVAL OF TEMPORARY CONNECTION.  
4. CONTRACTOR SHALL COORDINATE USE OF FIRE HYDRANT WITH ECSD AND ELMIRA WATER BOARD.



LEGEND

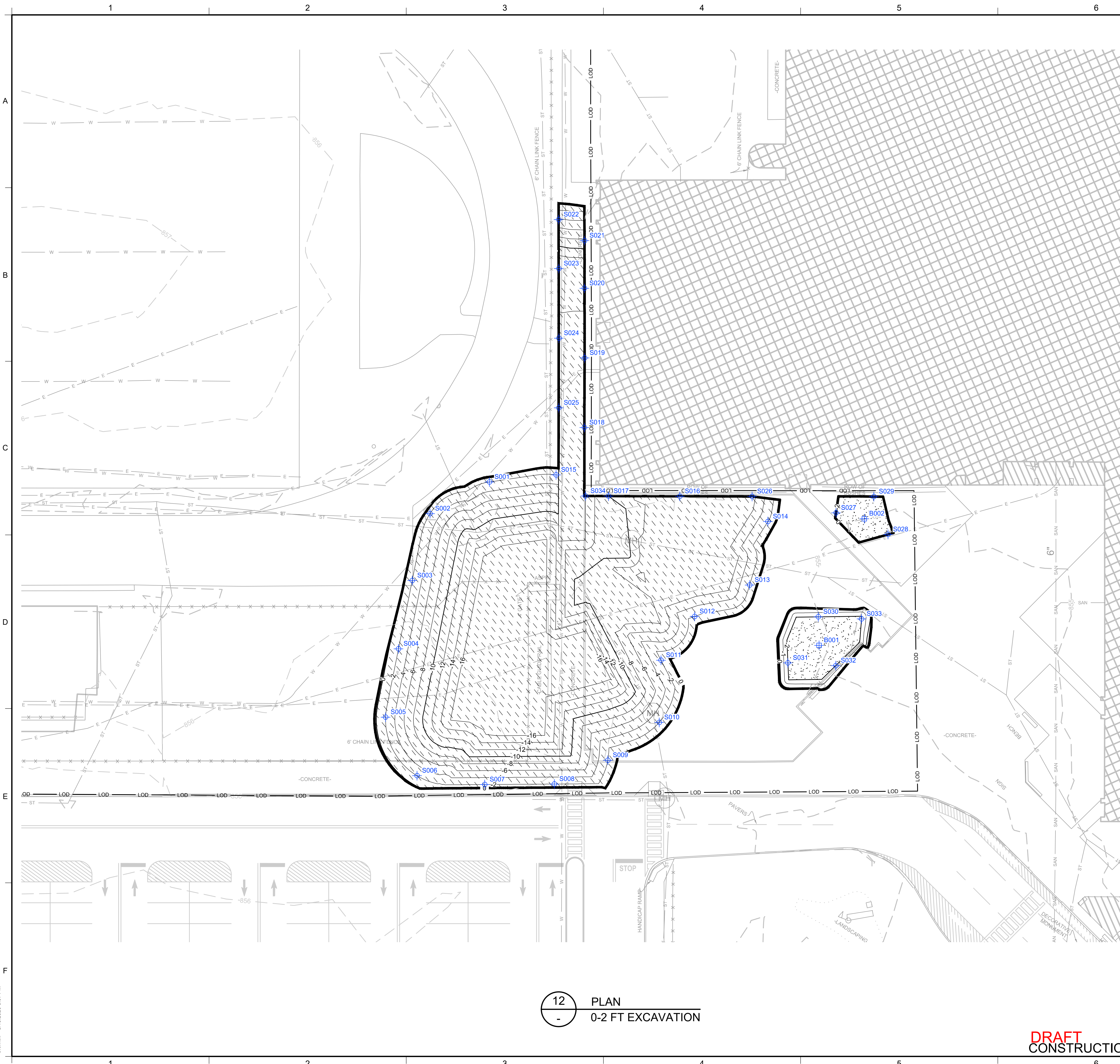
--- 12" CMP ---	CULVERT PIPE	(M)	MANHOLE
- x - x - x -	CHAIN LINK FENCE	(CB)	CATCH BASIN
- [ ] -	WOODEN FENCE	(SM)	SANITARY MANHOLE
- - - - -	PROPERTY LINE	(MP)	METAL POLE
- - - - -	EXISTING CONTOUR LINE	(GP)	GATE POST
- - - - -	EDGE OF WATER	(SP)	SPRINKLER
- - - - -	EDGE OF WOODS OR BRUSH	(SL)	STREET LIGHT
- - - - -	BURIED ELECTRIC CABLE	(EB)	ELECTRIC BOX
- SAN -	SANITARY SEWER	(WV)	WATER VALVE
- ST -	STORM SEWER	(H)	HYDRANT
- G -	NATURAL GAS LINE	(MW)	MONITORING WELL
- W -	WATER LINE		
(T)	TREE		

DRAFT  
CONSTRUCTION DRAWING



**8** PLAN  
TEMPORARY WATER SERVICE  
SCALE: 1" = 50'

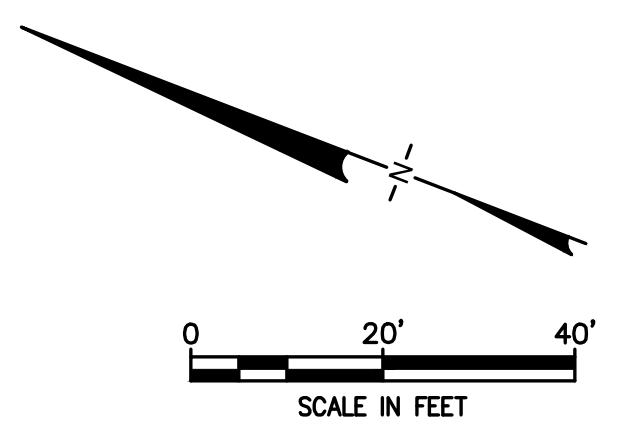
1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
<b>B&amp;B Engineers &amp; Geologists</b> of new york, p.c. an affiliate of Geosyntec Consultants				
<b>UNISYS</b>				
<b>TEMPORARY WATER SERVICE BYPASS</b>				
<b>INTERIM REMEDIATION MEASURE #4</b>				
<b>FORMER SPERRY-REMINGTON SITE - NORTH PORTION</b> <b>ELMIRA, NEW YORK</b>				
DESIGN BY: AK DRAWN BY: AD CHECKED BY: TBR REVIEWED BY: PLB APPROVED BY: AK		DATE: APRIL 2020 PROJECT NO.: MN0832I FILE: MN0832I-09 DRAWING NO.: 9 OF 25		
<i>Alex Kumpul</i> SIGNATURE 5/19/2020 DATE				



**LEGEND**

	PRE-DELINEATION CONFIRMATION SAMPLE		NON RCRA/TSCA FOR OFF-SITE DISPOSAL (PCBS >=10 AND < 50 MG/KG)
	MANHOLE		LAYBACK SOIL TO BE REUSED AS BACKFILL PENDING TESTING
	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		
	TSCA OVERLAY AREA		
	BOTTOM AREA		
	SIDEWALL SAMPLE		
	BOTTOM SAMPLE		

- NOTES:**
- SEE SHEET 3 FOR GENERAL NOTES.
  - SEE SHEET 6 FOR GRADING PLAN.
  - SEE SECTION 02 61 00 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. SEE SECTION 2.4 OF IRM #4 WORK PLAN FOR SAMPLING REQUIREMENTS PRIOR TO STOCKPILING.
  - 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 WITH PCBs > 3.2 Mg/Kg FROM AT OR NEAR THE WATER TABLE 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.
  - LAYBACK SOILS SHOWN ON SHEETS 10 TO 17 SHALL BE SEGREGATED AND STOCKPILED AT THE MATERIAL STAGING AREA FOR SAMPLING BY THE ENGINEER FOR POTENTIAL REUSE PER PER-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.

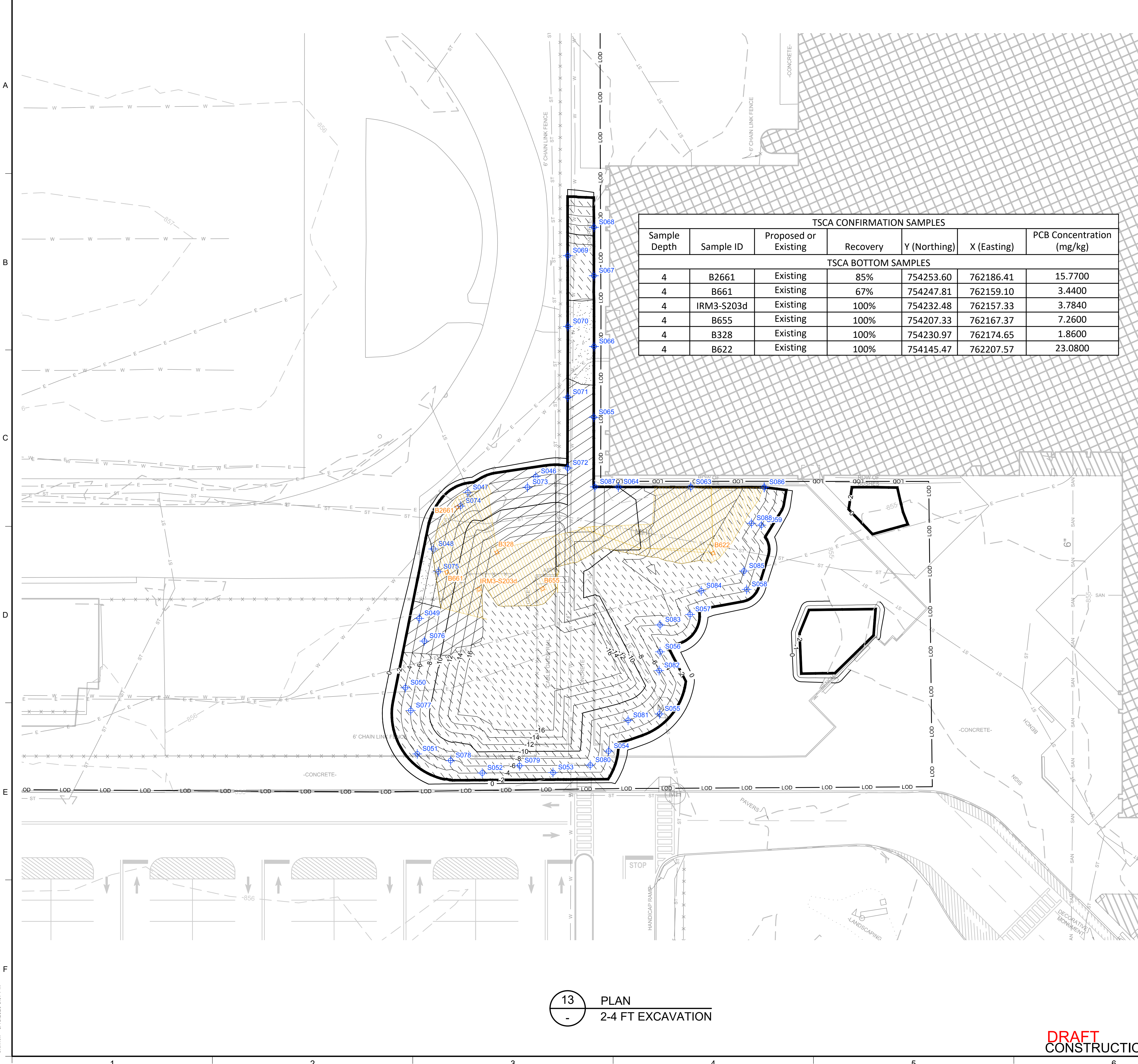


12 PLAN  
0-2 FT EXCAVATION

DRAFT  
CONSTRUCTION DRAWING

1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
<b>TITLE:</b> 0-2 FT EXCAVATION				
<b>PROJECT:</b> INTERIM REMEDIATION MEASURE #4				
<b>SITE:</b> FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
SIGNATURE 5/19/2020 DATE		DESIGN BY: AK    DATE: APRIL 2020 DRAWN BY: AD    PROJECT NO.: MN0832I CHECKED BY: TBR    FILE: MN0832I-10-17 REVIEWED BY: PLB    DRAWING NO.: APPROVED BY: AK    10 OF 25		

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bferrek - 5/19/2020 8:07 PM



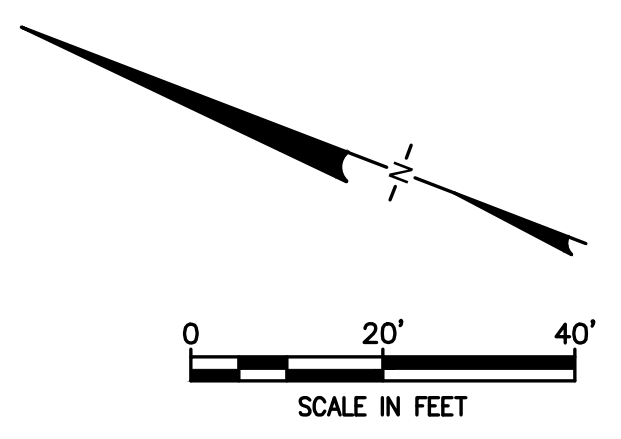
TSCA CONFIRMATION SAMPLES						
Sample Depth	Sample ID	Proposed or Existing	Recovery	Y (Northing)	X (Easting)	PCB Concentration (mg/kg)
TSCA BOTTOM SAMPLES						
4	B2661	Existing	85%	754253.60	762186.41	15.7700
4	B661	Existing	67%	754247.81	762159.10	3.4400
4	IRM3-S203d	Existing	100%	754232.48	762157.33	3.7840
4	B655	Existing	100%	754207.33	762167.37	7.2600
4	B328	Existing	100%	754230.97	762174.65	1.8600
4	B622	Existing	100%	754145.47	762207.57	23.0800

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
- TSCA OVERLAY AREA
- BOTTOM AREA
- SIDEWALL 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
- TSCA BOTTOMS
- PROPOSED TSCA SIDEWALL OR BOTTOM SAMPLE
- EXISTING TSCA BOTTOM SAMPLE

NOTES:

- SEE SHEET 3 FOR GENERAL NOTES.
- SEE SHEET 6 FOR GRADING PLAN.
- SEE SECTION 02 61 00 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. SEE SECTION 2.4 OF IRM #4 WORK PLAN FOR SAMPLING REQUIREMENTS PRIOR TO STOCKPILING.
- 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 WITH PCBs > 3.2 Mg/Kg FROM AT OR NEAR THE WATER TABLE 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.
- LAYBACK SOILS SHOWN ON SHEETS 10 TO 17 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.

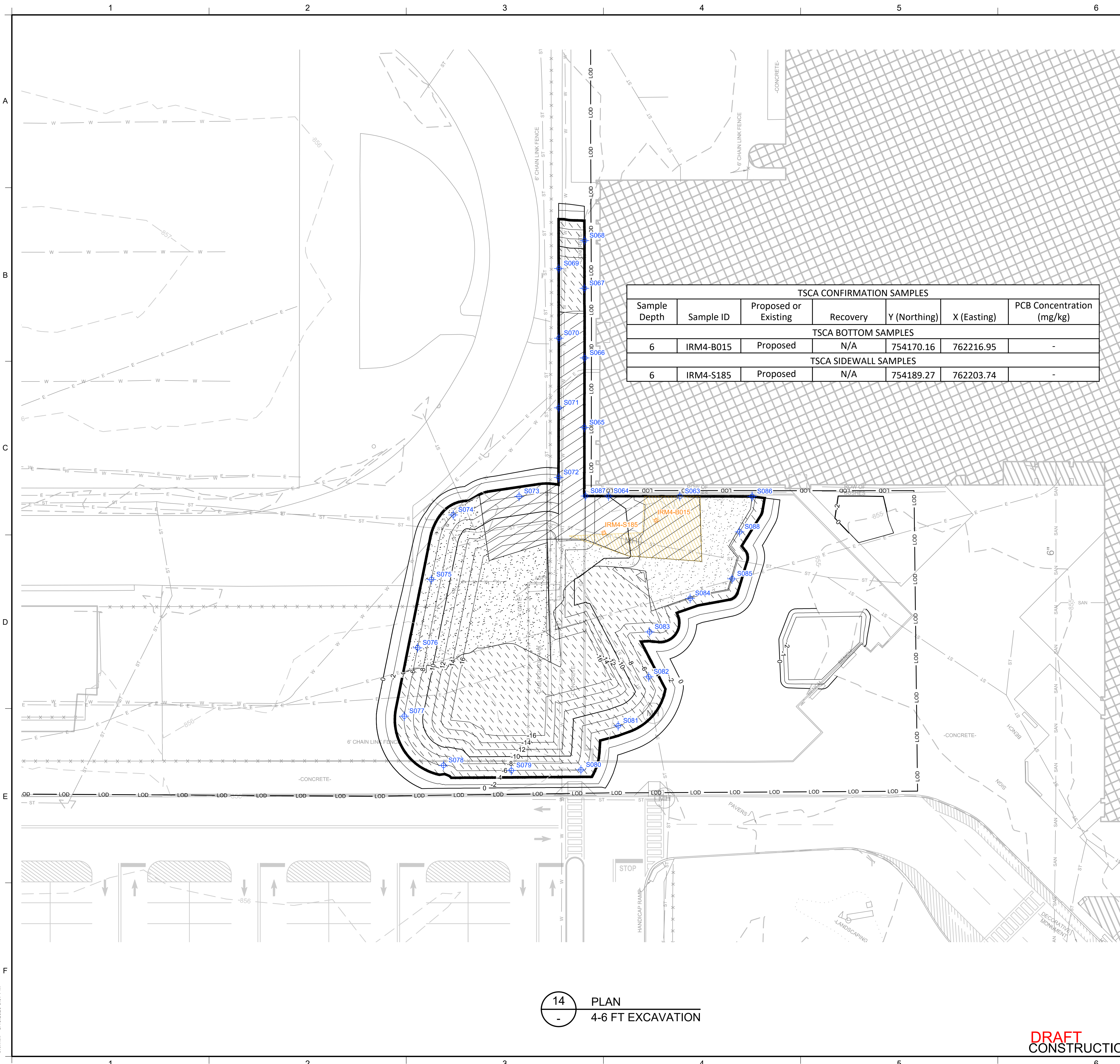


13 PLAN  
2-4 FT EXCAVATION

DRAFT  
CONSTRUCTION DRAWING

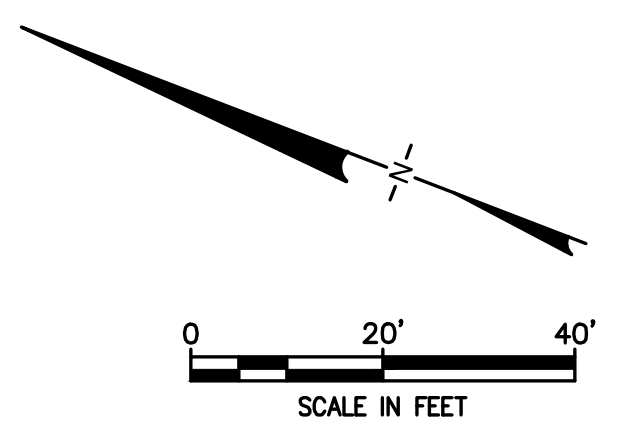
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REV	DATE	DESCRIPTION	DRN	APP
		 an affiliate of Geosyntec Consultants		
TITLE: 2-4 FT EXCAVATION				
PROJECT: INTERIM REMEDIATION MEASURE #4				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: AK		DATE: APRIL 2020		
DRAWN BY: AD		PROJECT NO.: MN0832I		
CHECKED BY: TBR		FILE: MN0832I-10-17		
REVIEWED BY: PLB		DRAWING NO.: 11 OF 25		
APPROVED BY: AK				

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brentk - 5/19/2020 8:07 PM



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	
	TSCA OVERLAY AREA	
	BOTTOM AREA	
	SIDEWALL SAMPLE	
	BOTTOM SAMPLE	

- NOTES:
- SEE SHEET 3 FOR GENERAL NOTES.
  - SEE SHEET 6 FOR GRADING PLAN.
  - SEE SECTION 02 61 00 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. SEE SECTION 2.4 OF IRM #4 WORK PLAN FOR SAMPLING REQUIREMENTS PRIOR TO STOCKPILING.
  - 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 WITH PCBs ≥ 3.2 Mg/Kg FROM AT OR NEAR THE WATER TABLE 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.
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  - 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.

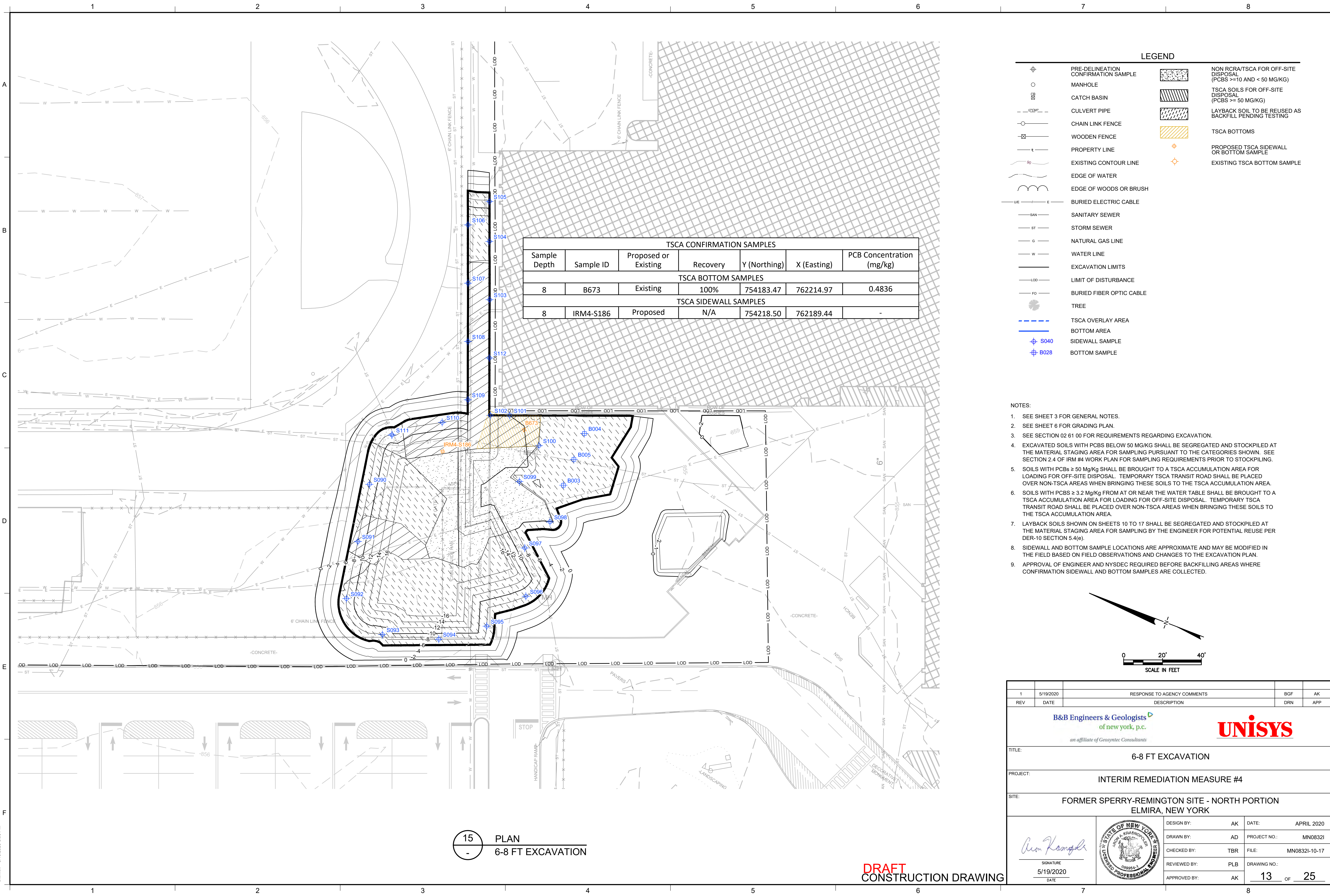


1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
TITLE: 4-6 FT EXCAVATION				
PROJECT: INTERIM REMEDIATION MEASURE #4				
SITE: FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK				
DESIGN BY: AK		DATE: APRIL 2020		
DRAWN BY: AD		PROJECT NO.: MN0832I		
CHECKED BY: TBR		FILE: MN0832I-10-17		
REVIEWED BY: PLB		DRAWING NO.: 12 OF 25		
APPROVED BY: AK				
 SIGNATURE 5/19/2020 DATE				

14 PLAN  
4-6 FT EXCAVATION

DRAFT  
CONSTRUCTION DRAWING

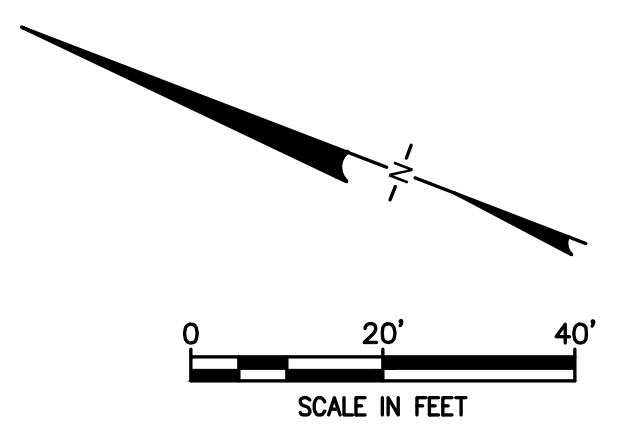
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TSCA CONFIRMATION SAMPLES						
Sample Depth	Sample ID	Proposed or Existing	Recovery	Y (Northing)	X (Easting)	PCB Concentration (mg/kg)
TSCA BOTTOM SAMPLES						
8	B673	Existing	100%	754183.47	762214.97	0.4836
TSCA SIDEWALL SAMPLES						
8	IRM4-S186	Proposed	N/A	754218.50	762189.44	-

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	
	TSCA OVERLAY AREA	
	BOTTOM AREA	
	SIDEWALL SAMPLE	
	BOTTOM SAMPLE	

- NOTES:
- SEE SHEET 3 FOR GENERAL NOTES.
  - SEE SHEET 6 FOR GRADING PLAN.
  - SEE SECTION 02 61 00 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. SEE SECTION 2.4 OF IRM #4 WORK PLAN FOR SAMPLING REQUIREMENTS PRIOR TO STOCKPILING.
  - SOILS WITH PCBs  $\geq 50$  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 WITH PCBs  $\geq 3.2$  Mg/Kg FROM AT OR NEAR THE WATER TABLE 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.
  - LAYBACK SOILS SHOWN ON SHEETS 10 TO 17 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.



15 PLAN  
6-8 FT EXCAVATION

DRAFT  
CONSTRUCTION DRAWING

1	5/19/2020	RESPONSE TO AGENCY COMMENTS	BGF	AK
REV	DATE	DESCRIPTION	DRN	APP
TITLE:		6-8 FT EXCAVATION		
PROJECT:		INTERIM REMEDIATION MEASURE #4		
SITE:		FORMER SPERRY-REMINGTON SITE - NORTH PORTION ELMIRA, NEW YORK		
DESIGN BY:		AK	DATE:	APRIL 2020
DRAWN BY:		AD	PROJECT NO.:	MN0832I
CHECKED BY:		TBR	FILE:	MN0832I-10-17
REVIEWED BY:		PLB	DRAWING NO.:	
APPROVED BY:		AK	13	OF 25

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