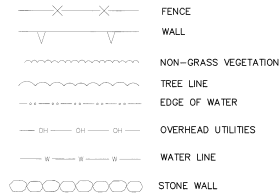


LEGEND

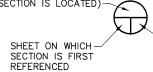


NOTES:

- ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE OSHA STANDARDS. COPIES OF OSHA'S STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE. THE CONTRACTOR ALONE WILL BE RESPONSIBLE FOR THE EXECUTION OF THE WORK IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REQUIREMENTS. THE OWNER NOR THE ENGINEER SHALL INSPECT THE WORK OR THE METHODS OF CONSTRUCTION FOR COMPLIANCE WITH THESE REQUIREMENTS.
- EXISTING BASEMAP COMPILED BY YEC, INC., VALLEY COTTAGE, NY, DATED JANUARY 2011.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE COMMENCING WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPORT ANY DISCREPANCIES TO ENGINEER AND OWNER IN A TIMELY MANNER. FAILURE TO PROSPECT IN ADVANCE OF WORK OR VERIFY DIMENSIONS SHALL NOT BE CAUSE FOR ADDITIONAL COSTS TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS WHICH ARE REQUIRED PRIOR TO CONSTRUCTION, EXCEPT AS NOTED OTHERWISE IN THE CONTRACT DOCUMENTS.
- REFER TO SPECIAL CONSTRUCTION CONDITIONS, SECTION 01 11 15.
- CONTRACTOR SHALL PREPARE, IMPLEMENT, AND CONFORM TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AS APPROVED BY NYSDEC.
- CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS FOR EARTHWORK AND DUST CONTROL FOR ALL SITE OPERATIONS.
- CONTRACTOR SHALL CONFINE ALL WORK, INCLUDING ACCESS, STAGING, AND STORAGE OF EQUIPMENT AND MACHINERY TO THE BOUNDARIES SHOWN.
- THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTAL ITEMS REQUIRED TO MAINTAIN AND REPLACE ANY UTILITIES DISTURBED DURING THE CONSTRUCTION.
- THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER IF UTILITIES ARE DISTURBED AND THE CONTRACTOR SHALL IMMEDIATELY REPAIR THE UTILITY PRIOR TO CONTINUING WORK.
- SCALES SHOWN HEREIN ARE FOR FULL SIZE PLOTS ON 22x34 INCH SHEETS. THE CONTRACTOR IS RESPONSIBLE FOR CONVERTING SCALES ON REDUCED OR ENLARGED PLOTS.

SECTION AND DETAIL KEY

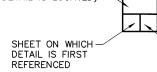
SECTION NUMBER
(CONSECUTIVELY
NUMBERED ON SHEET
SECTION IS LOCATED)



SHEET ON WHICH
SECTION IS FIRST
REFERENCED

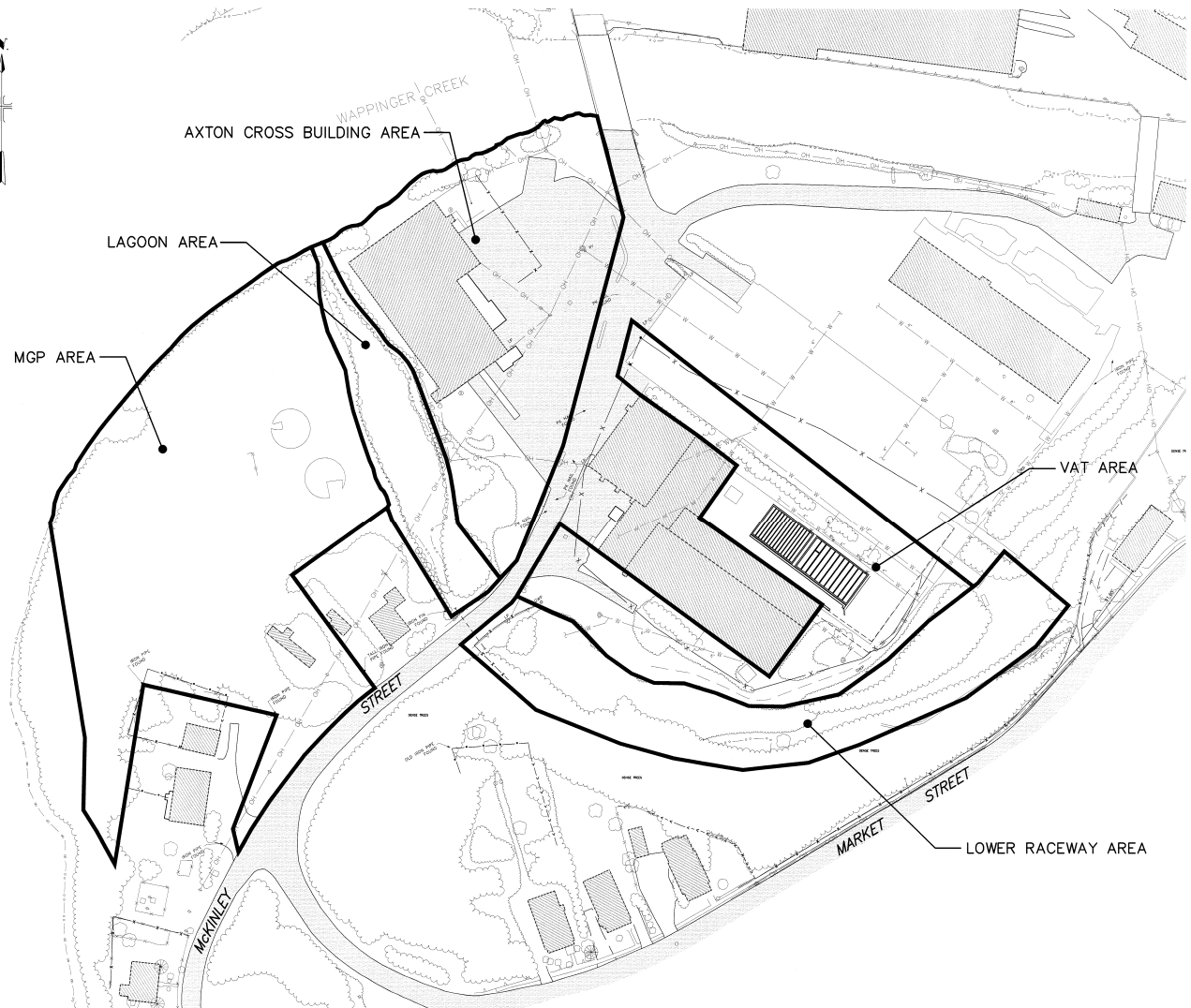
SECTION CALLOUTS

DETAIL NUMBER
(CONSECUTIVELY
NUMBERED ON SHEET
DETAIL IS LOCATED)



SHEET ON WHICH
DETAIL IS FIRST
REFERENCED

DETAIL CALLOUTS



KEY MAP OF AREAS



NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
NYSDEC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

GENERAL NOTES, LEGEND AND KEY MAP

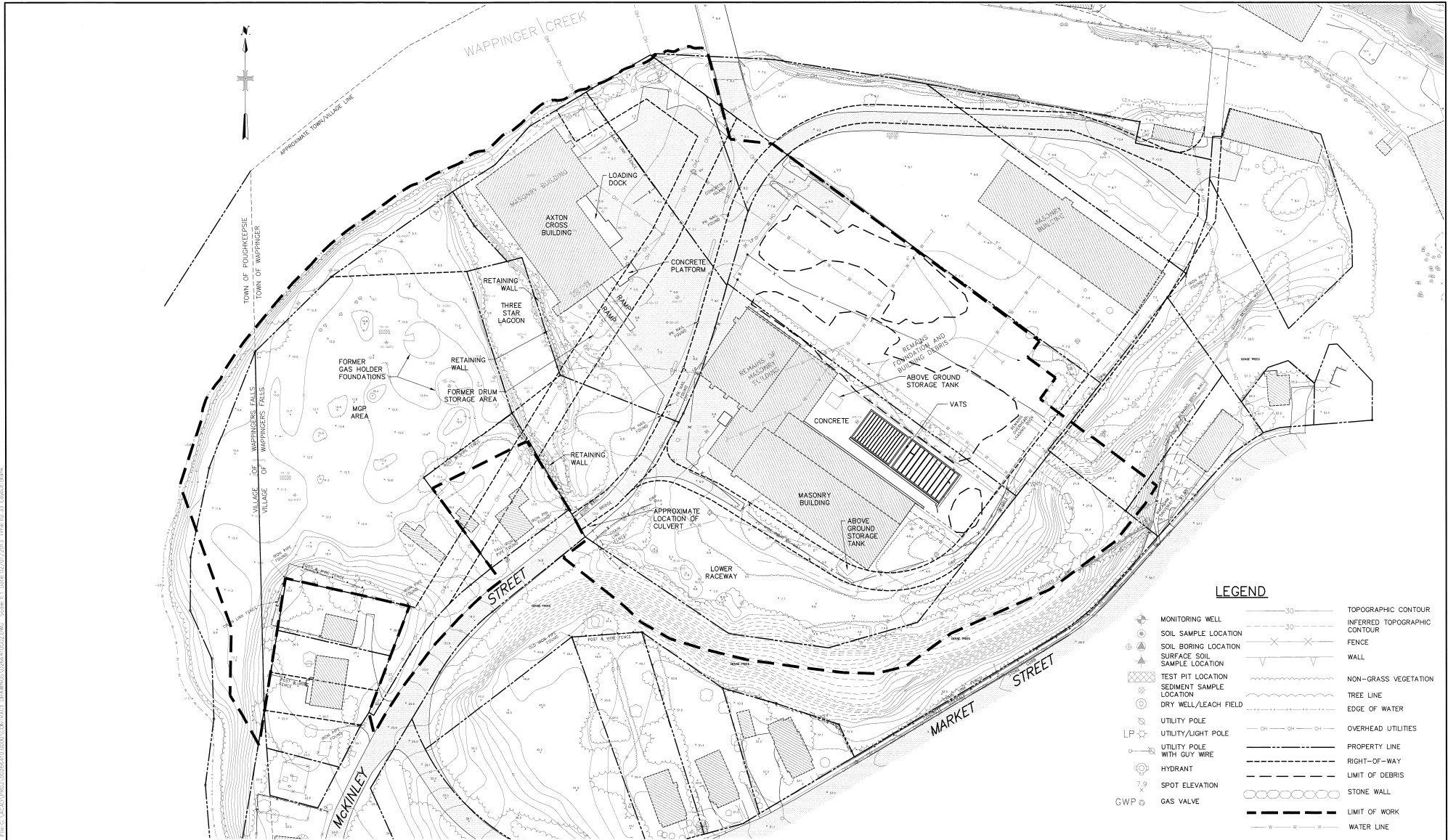
SCALE: AS SHOWN

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DATE: APRIL 2013
G SHEET 1 OF 4
DWG. NO. 0266386G01

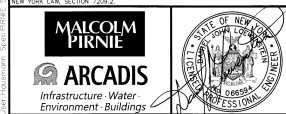


NO.	BY	DATE	REVISIONS	REMARKS

DES: DRH
OWN: SMH
CKD: DJL



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REVISIONS			
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DES	DRH
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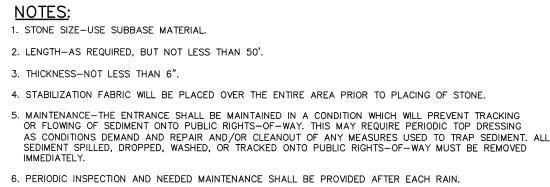
NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
NYSDEC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

EXISTING SITE PLAN

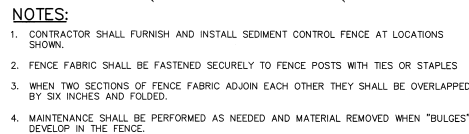
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DATE: APRIL 2013
G SHEET 2 OF 4
DWG. NO. 0266386G02

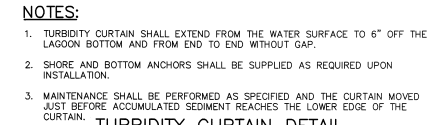
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL. CURRENT EDITION. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STORMWATER PERMITS, INCLUDING THE NYSED ORDER GENERATING PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES, AND WITH THE REQUIREMENTS OF THE APPROVED STORMWATER POLLUTION PREVENTION PLAN.
5. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. CONTRACTOR SHALL INSPECT AND REPORT SEDIMENT AND EROSION CONTROL MEASURES DAILY.
6. UPON COMPLETION OF FINAL GRADING, IF THE SEASON PREVENTS THE ESTABLISHMENT OF A PERMANENT COVER, THE DISTURBED AREA WILL BE TEMPORARILY SEEDED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
7. PERMANENT VEGETATION TO BE SEEDED ON ALL EXPOSED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
8. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROWTH OR SOIL STABILIZATION OR OTHERWISE DEGRADED, SHALL BE FULLY PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER THEM SUITABLE FOR VEGETATIVE GROUND COVER. THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND COVER STABILIZATION SHALL BE EMPLOYED.
9. DISTURBED AREAS AND STOCKPILED MATERIALS, WHICH WILL NOT BE RE-CONSTRUCTED WITHIN THIRTY (30) DAYS, SHALL BE STABILIZED BY USE OF MULCHING, SEEDING, GEOTEXTILE FABRIC, OR OTHER APPROVED METHODS.
10. CLEANING OF ROADWAYS: CONTRACTOR SHALL KEEP ALL TRAVELED WAYS FREE OF FOREIGN OBJECTS SUCH AS SPILLED ALTE, ROCK, AND OTHER ITEMS THAT MAY FALL FROM TRANSPORTING VEHICLES. MATERIALS SPILLED BY OR DROPPED FROM OR OFF OF ANY CARRYING VEHICLE USED IN CONTRACTOR'S HAULING OPERATIONS ALONG OR ACROSS ANY PUBLIC TRAVELED WAY SHALL BE REMOVED IMMEDIATELY.



NOT TO SCALE



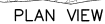
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

1. TO BE INSTALLED AT ALL INLETS WITHIN THE LIMITS OF WORK.

**MALCOLM
PIRNIE**

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Environment · Buildings



UTS	DRH
DWN	SMH
CKD	DJL

GENERAL DETAILS II

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G SHEET 4 OF 4
DWG. NO. 0266286G03

PROJECT: NYSDEC GAS PLANT REMEDIATION, NYSDEC SITE 314058, CONTRACT D008793, DRAWING: 0266386MGP01.DWG, SCALE: 1"=30', DATE: 02/07/2013, TIME: 10:56, LAYOUT: 1

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NO.	BY	DATE	REMARKS		

DES DRH
OWN SMH
CKD DJL

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DIVISION OF ENVIRONMENTAL REMEDIATION
OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
NYSDEC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

MANUFACTURED GAS PLANT (MGP) AREA
EXISTING PLAN

SCALE: 1"=30'

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MGP SHEET 1 OF 4
DWG. NO. 0266386MGP01



LEGEND

- MONITORING WELL
- SOIL SAMPLE LOCATION
- SOIL BORING LOCATION
- SURFACE SOIL SAMPLE LOCATION
- TEST PIT LOCATION
- SEDIMENT SAMPLE LOCATION
- DRY WELL/LEACH FIELD
- UTILITY POLE
- UTILITY/LIGHT POLE
- UTILITY POLE WITH GUY WIRE
- HYDRANT
- GAS VALVE
- TOPOGRAPHIC CONTOUR
- INFERRED TOPOGRAPHIC CONTOUR
- FENCE
- WALL
- NON-GRASS VEGETATION
- TREE LINE
- EDGE OF WATER
- OVERHEAD UTILITIES
- PROPERTY LINE
- RIGHT-OF-WAY
- STONE WALL
- LIMIT OF WORK
- WATER LINE



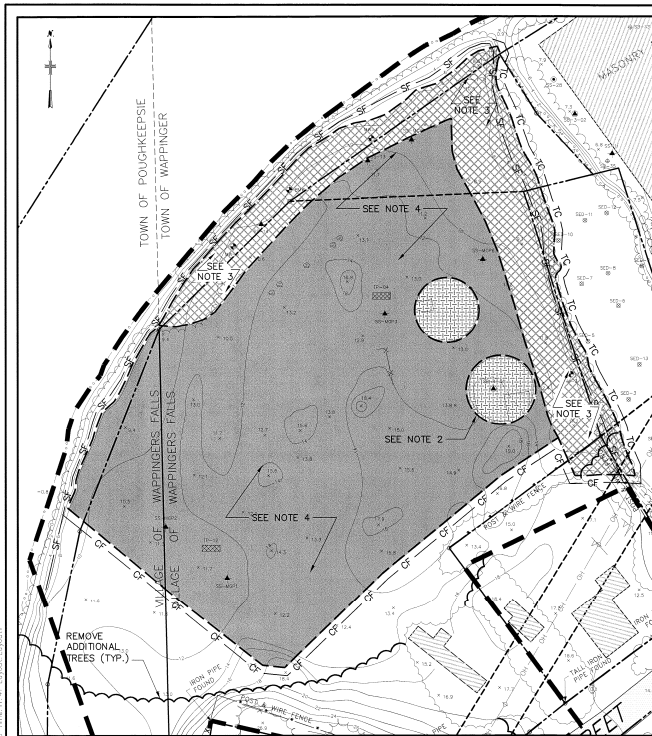


NO.	BY	DATE	REVISIONS	REMARKS

NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
 DIVISION OF ENVIRONMENTAL REMEDIATION
OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
 NYSDEC SITE 314058, CONTRACT D008793
 CONTRACT DRAWINGS

MANUFACTURED GAS PLANT (MGP) AREA
TEMPORARY FACILITIES PLAN
 SCALE: 1"=30'
 DATE: APRIL 2013
 MGP SHEET 2 of 4
 DWG. NO. 0266386MGP02

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EXCAVATION PLAN

SCALE: 1"=40'

LEGEND:

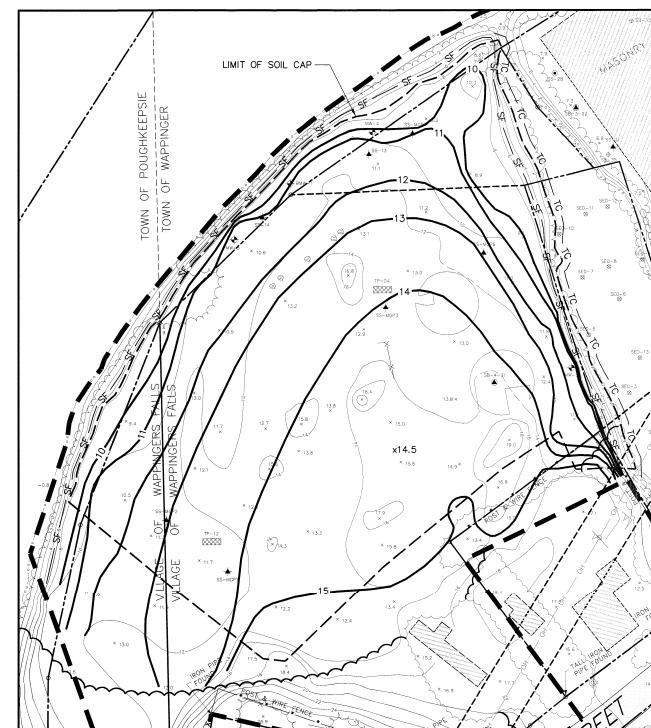
	MONITORING WELL		TOPOGRAPHIC CONTOUR		NEW GROUND SURFACE
	SOIL SAMPLE LOCATION		INFERRED TOPOGRAPHIC CONTOUR		MGP BUFFER AREA, (SEE NOTE 3)
	SOIL BORING LOCATION		FENCE		SOIL CAP EXCAVATION, (SEE NOTE 4)
	SURFACE SOIL SAMPLE LOCATION		WALL		GAS HOLDER EXCAVATION, (SEE NOTE 2)
	TEST PIT LOCATION		NON-GRASS VEGETATION		NEW TEMPORARY SILT FENCE
	SEDIMENT SAMPLE LOCATION		TREE LINE		CONSTRUCTION FENCE
	DRY WELL/LEACH FIELD		EDGE OF WATER		LAGOON BANK TURBIDITY CURTAIN
	UTILITY POLE		OVERHEAD UTILITIES		
	UTILITY/LIGHT POLE		PROPERTY LINE		
	UTILITY POLE WITH GUY WIRE		RIGHT-OF-WAY		
	HYDRANT		STONE WALL		
	GAS VALVE		WATER LINE		
			LIMIT OF WORK		
			NEW TREE LINE		

SUBGRADE PLAN

SCALE: 1"=40'

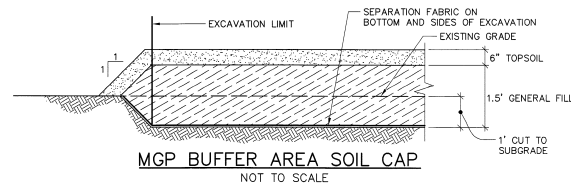
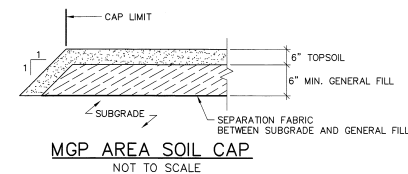
NOTES:

- CONTRACTOR SHALL CLEAR AND GRUB AREAS PRIOR TO EXCAVATION. CLEARING DEBRIS SHALL BE CHIPPED AND DISPOSED OFF-SITE AT NO ADDITIONAL COST TO OWNER. ALL CHIP AND STUMP DEBRIS SHALL BE CLEAN OF SOIL MATERIAL PRIOR TO OFF-SITE DISPOSAL. ANY SOIL MATERIALS GENERATED BY THE CLEARING ACTIVITIES SHALL BE CONSIDERED CONTAMINATED AND DISPOSED OF OFF-SITE.
- CONTRACTOR SHALL DEMOLISH EXISTING GAS HOLDER FOUNDATIONS AND DISPOSE OF OFF-SITE. CONTRACTOR SHALL EXCAVATE SOIL WITHIN GAS HOLDER FOUNDATIONS TO A DEPTH OF 8 FEET AND DISPOSE OF SOIL OFF-SITE. CONTRACTOR SHALL INSTALL SEPARATION FABRIC ON BOTTOM AND SIDES OF EXCAVATIONS. BACKFILL WITH GENERAL FILL TO ORIGINAL GRADE AND INSTALL MGP AREA SOIL CAP ABOVE.
- CONTRACTOR SHALL EXCAVATE 1 FOOT OF MATERIAL FROM THE MGP BUFFER AREA AND INSTALL A SEPARATION FABRIC, 1.5 FEET OF GENERAL FILL AND 6 INCHES OF TOPSOIL WITHIN THE AREA.
- CONTRACTOR SHALL INSTALL A SEPARATION FABRIC AND A MINIMUM OF 6 INCHES OF GENERAL FILL AND 6 INCHES OF TOPSOIL WITHIN THIS AREA AND AT THE GAS HOLDER EXCAVATIONS.
- CONTRACTOR SHALL RELOCATE SOIL AND REGRADE MGP AREA TO THE GRADES SHOWN IN THE SUBGRADE PLAN. DURING THIS REGRADING, CONTRACTOR SHALL REMOVE TOP OFF-SITE DISPOSAL UP TO 50 CUBIC YARDS OF CONTAMINATED SOIL TO BE IDENTIFIED BY THE NYSDOC OR ITS REPRESENTATIVES.
- ALL DISTURBED AREAS TO BE SEEDS FOLLOWING THE INSTALLATION OF TOPSOIL.



FINAL GRADING PLAN

SCALE: 1"=40'



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NO.	BY	DATE	REVISIONS	REMARKS

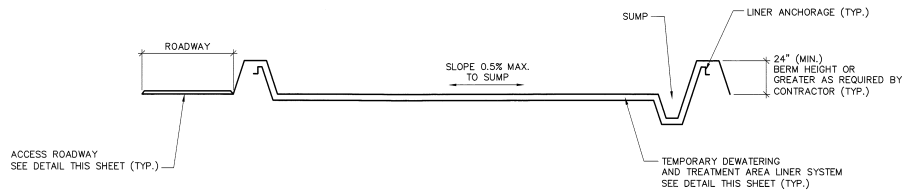
DES	DRH
DWN	SMH
CHK	DJL

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NYSDOC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

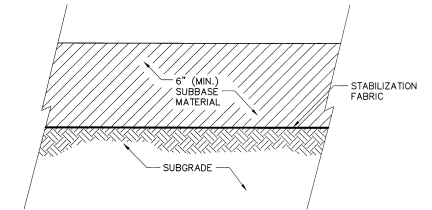
MANUFACTURED GAS PLANT (MGP) AREA
EXCAVATION AND BACKFILL PLAN

SCALE: AS SHOWN

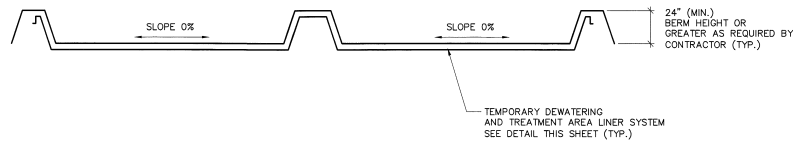
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DATE: APRIL 2013
MGP SHEET 3 OF 4
DWG. NO. 0266386MGP03



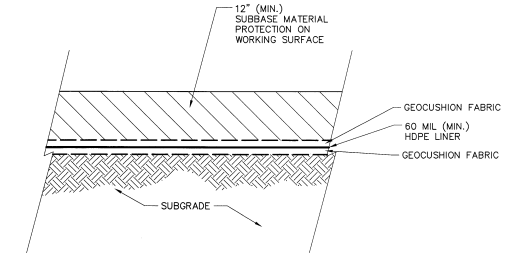
LONGITUDINAL SECTION
NOT TO SCALE



ACCESS ROADWAY DETAIL
NOT TO SCALE



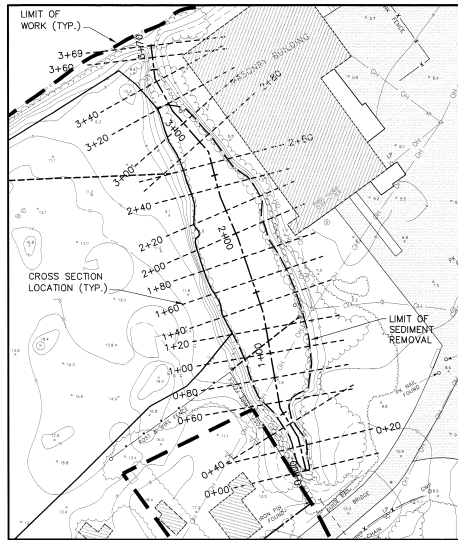
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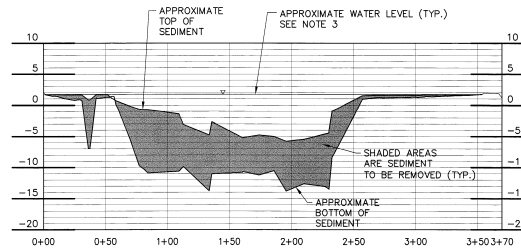
1. GEOMEMBRANE LINER SHALL EXTEND UNDER ALL OF TEMPORARY DEWATERING AND TREATMENT AREA, PROVIDE PERIMETER BERMS TO MAINTAIN CONTAINMENT NECESSARY FOR OPERATIONS AND STORMWATER COLLECTION.
2. GEOMEMBRANE LINER SHALL BE MINIMUM 60 MIL DOUBLE-SIDED TEXTURED HDPE GEOMEMBRANE OR EQUAL. GEOMEMBRANE SHALL BE INSTALLED BY FUSION WELDING AND LIMITED EXTRUSION WELDING, AS NECESSARY. ALL SEAMS, PATCHES, DEFECTS, ETC. SHALL BE NON-DESTRUCTIVELY TESTED AND DOCUMENTED IN ACCORDANCE WITH THE MINIMUM STANDARDS OF 6 NYCRR PART 360 REGULATIONS.

**TEMPORARY DEWATERING AND
TREATMENT AREA DETAIL**
NOT TO SCALE

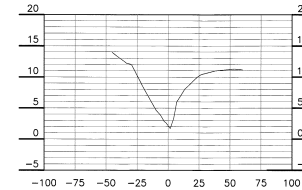
NO.	BY	DATE	REVISIONS	REMARKS
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003	DUL			



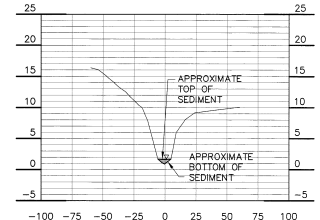
SEE LEGEND ON SHEET G-2 OF 4
PLAN
SCALE: 1"=50'



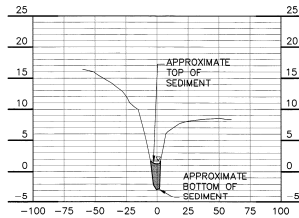
LAGOON PROFILE STA. 0+00 TO 3+70
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VERT. 1"=10'



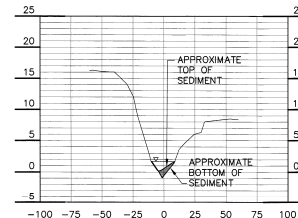
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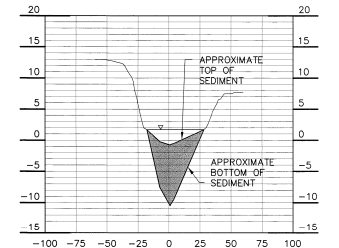
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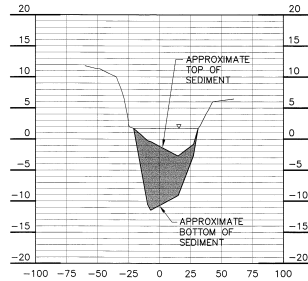
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SCALE: HORIZ. 1"=50'
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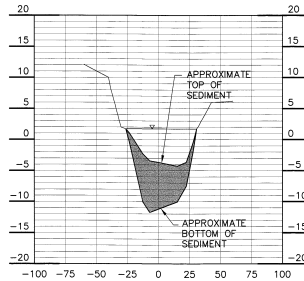
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SCALE: HORIZ. 1"=50'
VERT. 1"=10'



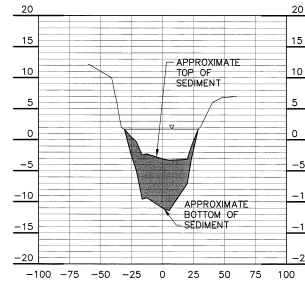
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VERT. 1"=10'



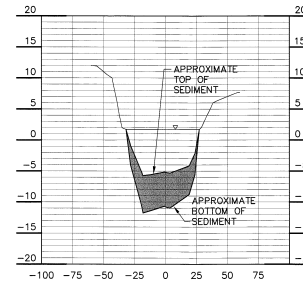
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VERT. 1"=10'



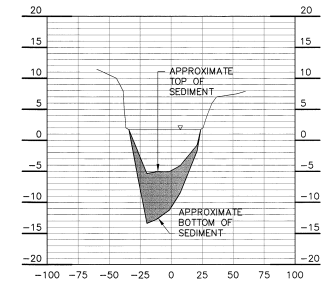
SECTION AT STA. 1+20
SCALE: HORIZ. 1"=50'
VERT. 1"=10'



SECTION AT STA. 1+40
SCALE: HORIZ. 1"=50'
VERT. 1"=10'



SECTION AT STA. 1+60
SCALE: HORIZ. 1"=50'
VERT. 1"=10'



SECTION AT STA. 1+80
SCALE: HORIZ. 1"=50'
VERT. 1"=10'

NOTES:

1. SHADED AREAS ON SECTIONS INDICATE SEDIMENT TO BE REMOVED (TYP.).
2. CONTRACTOR SHALL NOTE THE AXTON CROSS BUILDING AND STONE RETAINING WALLS ARE IN CLOSE PROXIMITY TO THE LAGOON. CONTRACTOR SHALL PROVIDE A WORK PLAN TO MONITOR AND SHORE THE BUILDING, STONE RETAINING WALLS AND OTHER STRUCTURES AS NECESSARY TO CONDUCT THE DREDGING AND BACKFILL ACTIVITIES.
3. THE WATER LEVEL IN THE LAGOON FLUCTUATES WITH THE TIDE, PRECIPITATION AND OTHER NATURAL OCCURRENCES.

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CONTRACT DRAWINGS

LAGOON AREA
LAGOON CROSS SECTIONS I

SCALE: AS SHOWN



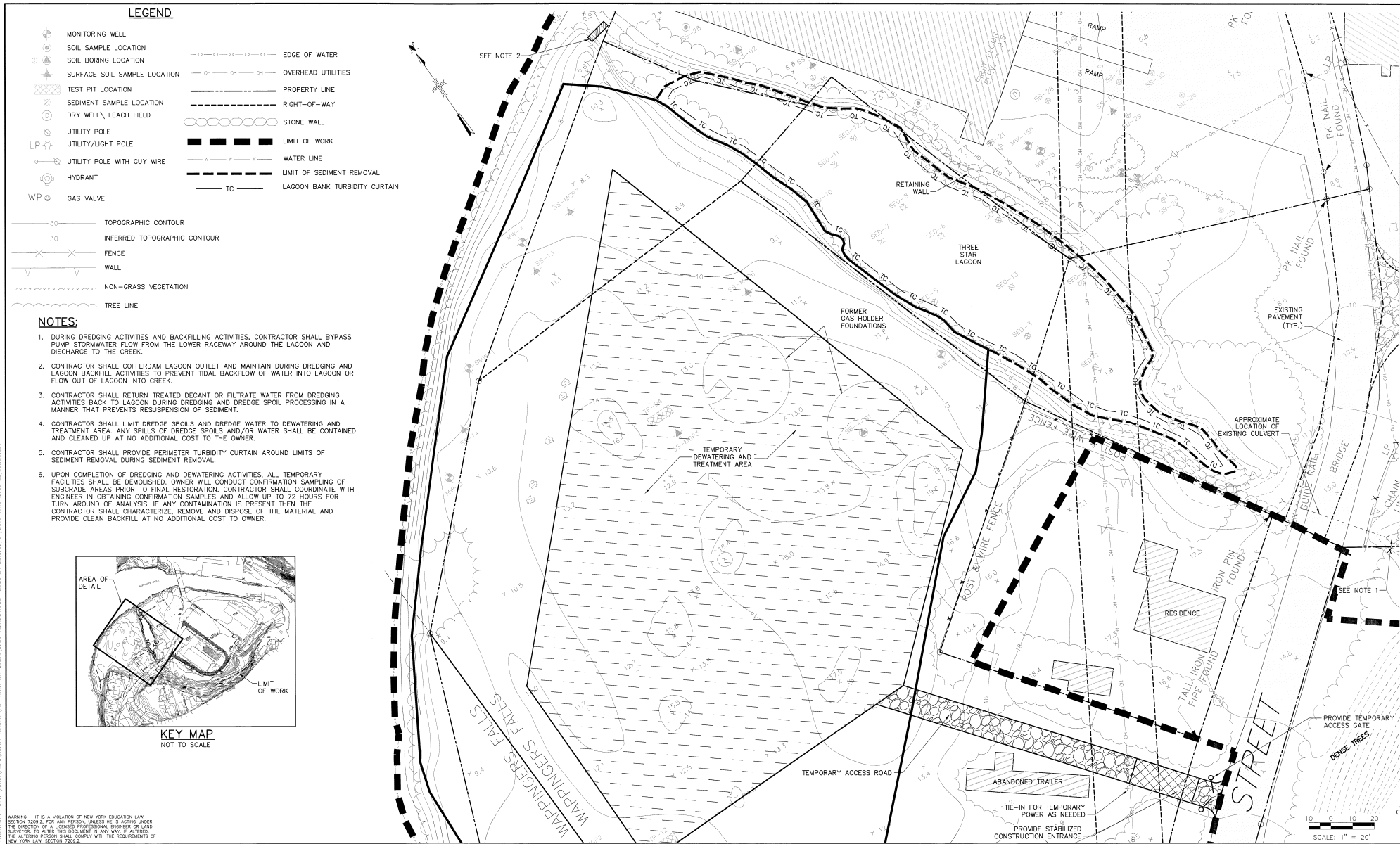
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DWG. NO. 02B6386LAG02

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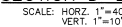
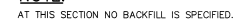
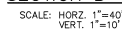
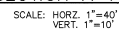
NO.	BY	DATE	REVISIONS	REMARKS

DES	DRH
DWN	SMH
OKD	DJL





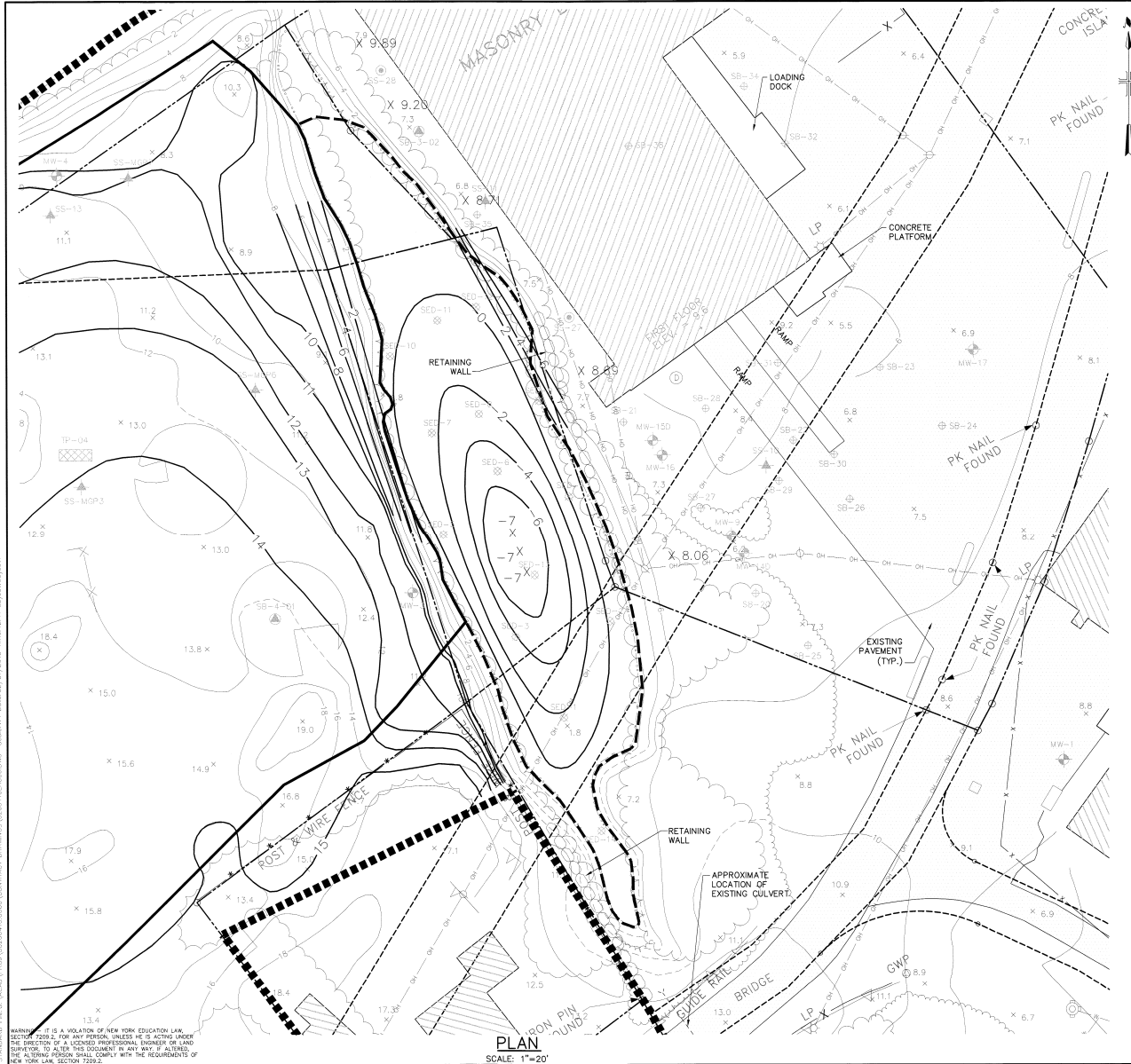
1. SHADED AREAS ON SECTIONS INDICATE SEDIMENT TO BE REMOVED (TYP.).
2. CONTRACTOR SHALL NOTE THE AXTON CROSS BUILDING AND STONE RETAINING WALLS ARE IN CLOSE PROXIMITY TO THE LAGOON. CONTRACTOR SHALL PROVIDE A WORK PLAN TO MONITOR AND SHORE THE BUILDING, STONE RETAINING WALLS AND OTHER STRUCTURES AS NECESSARY TO CONDUCT THE DREDGING AND BACKFILL ACTIVITIES.
3. THE WATER LEVEL IN THE LAGOON FLUCTUATES WITH THE TIDE, PRECIPITATION AND OTHER NATURAL OCCURRENCES.



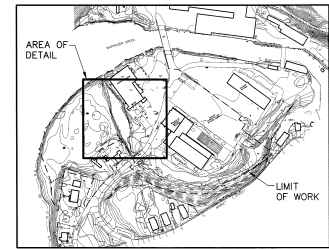
DES _____
DWN SMH
CKD DRH

LAGOON AREA
BACKFILL PLAN AND SECTIONS
SCALE: AS SHOWN

DATE APRIL 2013
 LAG SHEET 5 OF 6
 DWG. NO. 0266386LAG05



- LEGEND**
- MONITORING WELL
 - SOIL SAMPLE LOCATION
 - SOIL BORING LOCATION
 - SURFACE SOIL SAMPLE LOCATION
 - TEST PIT LOCATION
 - SEDIMENT SAMPLE LOCATION
 - DRY WELL/LEACH FIELD
 - UTILITY POLE
 - UTILITY/LIGHT POLE
 - UTILITY POLE WITH GUY WIRE
 - HYDRANT
 - GAS VALVE
 - TOPOGRAPHIC CONTOUR
 - INFERRED TOPOGRAPHIC CONTOUR
 - FENCE
 - WALL
 - NON-GRASS VEGETATION
 - TREE LINE
 - EDGE OF WATER
 - OVERHEAD UTILITIES
 - PROPERTY LINE
 - RIGHT-OF-WAY
 - STONE WALL
 - LIMIT OF WORK
 - WATER LINE
 - LIMIT OF SEDIMENT REMOVAL
 - RESTORED SURFACE GRADE



SCALE: 1" = 20'

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MALCOLM PIRNIE
ARCADIS
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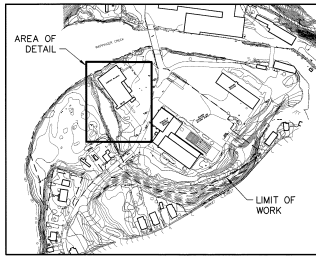
DES DRH
 DWN SMH
 OKD DJL

NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
 DIVISION OF ENVIRONMENTAL REMEDIATION
OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
 NYSDEC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

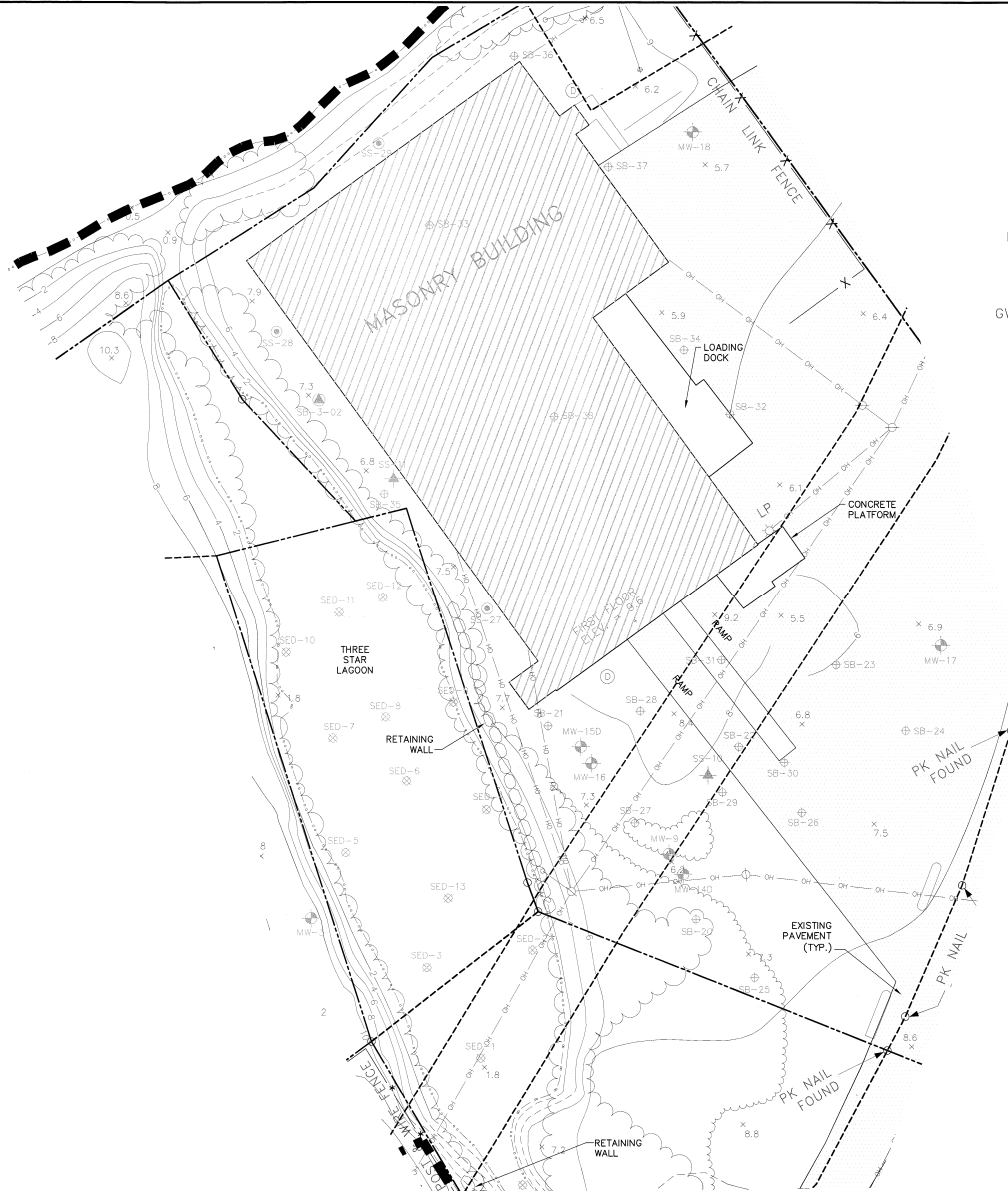
LAGOON AREA
RESTORATION PLAN

SCALE: 1"=20'

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 LAG SHEET 6 OF 6
 DWG. NO. 0266386LAG06



KEY MAP
NOT TO SCALE



LEGEND		
	MONITORING WELL	TOPOGRAPHIC CONTOUR
	SOIL SAMPLE LOCATION	INFERRED TOPOGRAPHIC CONTOUR
	SOIL BORING LOCATION	FENCE
	SURFACE SOIL SAMPLE LOCATION	WALL
	TEST PIT LOCATION	NON-GRASS VEGETATION
	SEDIMENT SAMPLE LOCATION	TREE LINE
	DRY WELL/LEACH FIELD	EDGE OF WATER
	UTILITY POLE	OVERHEAD UTILITIES
	UTILITY/LIGHT POLE	PROPERTY LINE
	UTILITY POLE WITH GUY WIRE	RIGHT-OF-WAY
	HYDRANT	STONE WALL
	GAS VALVE	LIMIT OF WORK
		WATER LINE

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 2204.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 2204.2.

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DWN SMH
CKD DJL

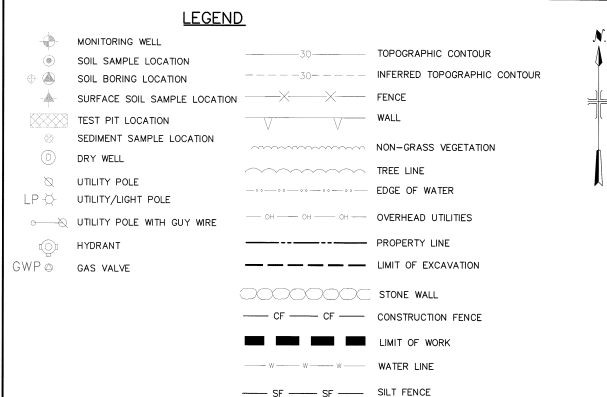
NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
NYSDEC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

AXTON CROSS BUILDING AREA
EXISTING PLAN

SCALE: 1"=20'

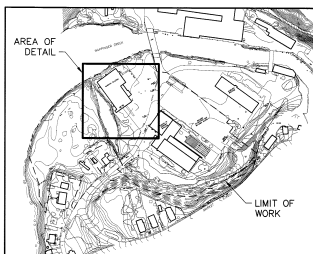
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SCALE: 1" = 20'

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AC SHEET 1 OF 3
DWG. NO. 0266386AC01



NOTES:

- EXCAVATE ASPHALT AND SOIL TO EL. 2.0 OR TO LEACH FIELD IF ENCOUNTERED.
- CONTRACTOR SHALL DEVELOP AND IMPLEMENT WORK PLAN FOR THE MONITORING AND SHORING OF THE AXTON CROSS BUILDING AS NECESSARY DURING EXCAVATION AND BACKFILL OPERATIONS.
- CONTRACTOR SHALL COORDINATE WORK AND BUILDING ACCESS IN ACCORDANCE WITH SECTION 01 11 15, SPECIAL CONSTRUCTION CONDITIONS.
- CONTRACTOR SHALL PROTECT UTILITIES AND OTHER BUILT FEATURES WITHIN AND ADJACENT TO THE LIMIT OF EXCAVATION. CONTRACTOR SHALL PROVIDE TEMPORARY UTILITIES TO MAINTAIN SERVICES TO AXTON CROSS BUILDING AT ALL TIMES.



WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 2206(2), FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY IF ALTERED. THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 2206(2).



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CKD	DJL

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OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
NYSDEC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

AXTON CROSS BUILDING AREA
EXCAVATION PLAN

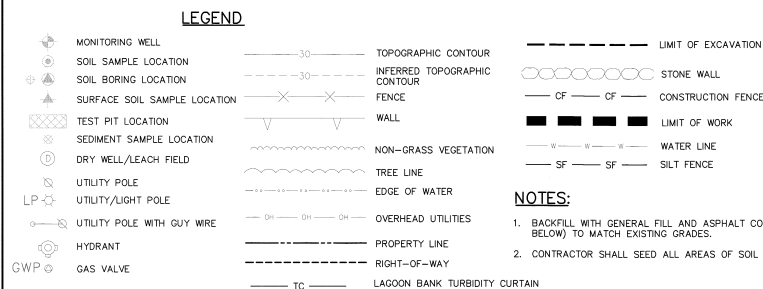
SCALE: 1"=20'

10 0 10 20
SCALE: 1" = 20'

DATE APRIL 2013

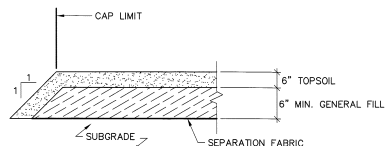
AC SHEET 2 OF 3

DWG. NO. 0266386AC02

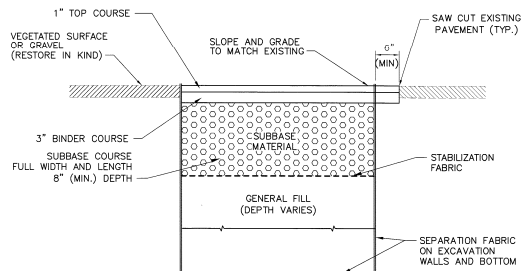


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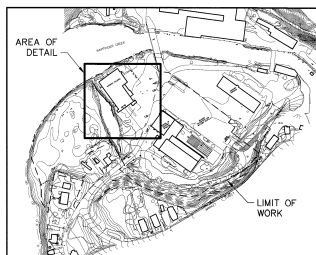
1. BACKFILL WITH GENERAL FILL AND ASPHALT COVER (SEE DETAIL BELOW) TO MATCH EXISTING GRADES.
2. CONTRACTOR SHALL SEED ALL AREAS OF SOIL CAP.



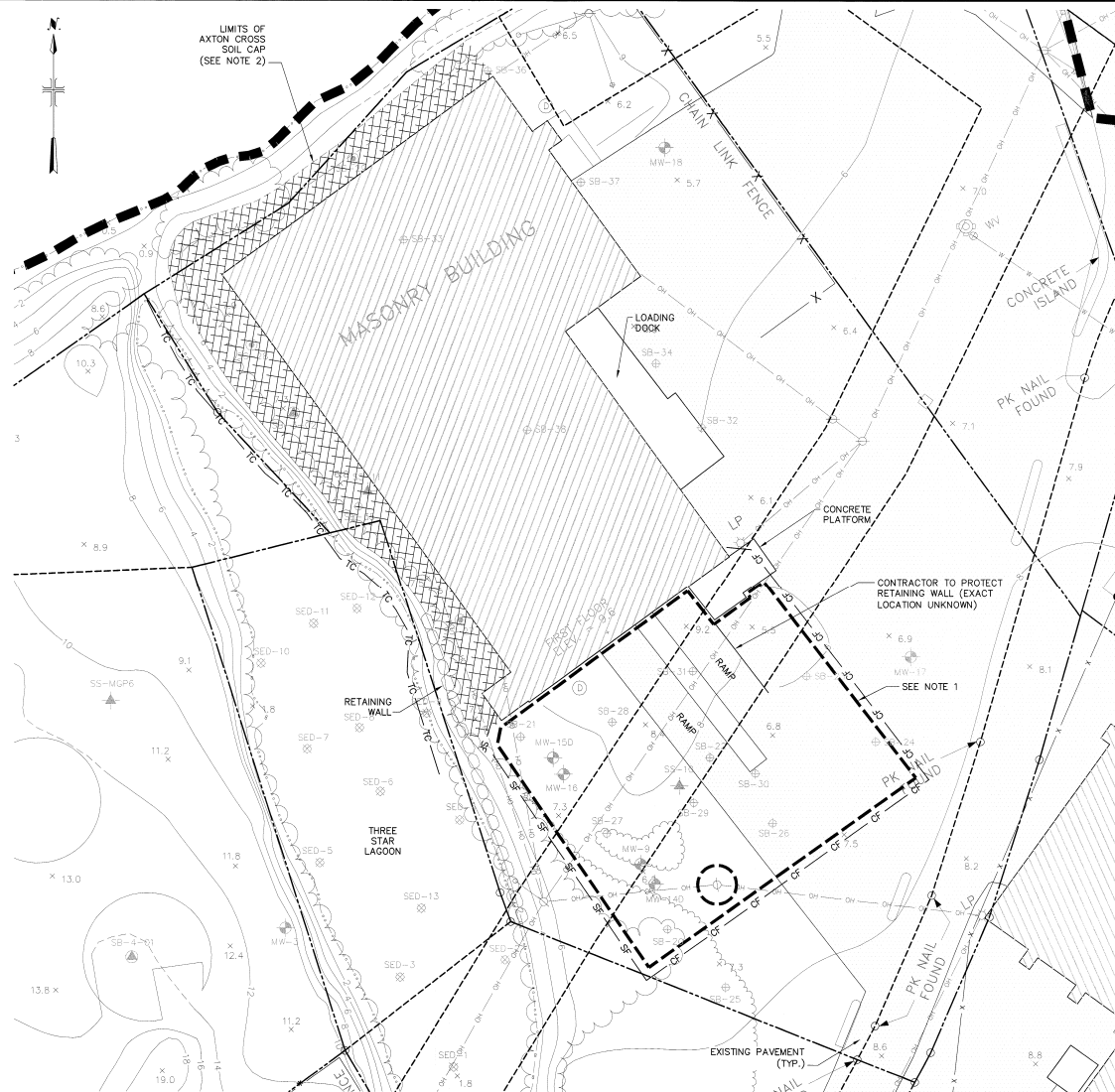
AXTON CROSS BUILDING AREA SOIL CAP
NOT TO SCALE



ASPHALT COVER DETAIL
NOT TO SCALE



KEY MAP
NOT TO SCALE



WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 1205.8, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 1205.8.



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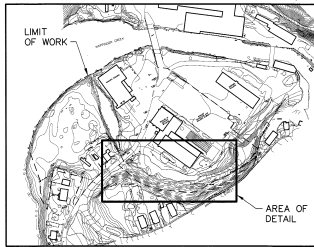
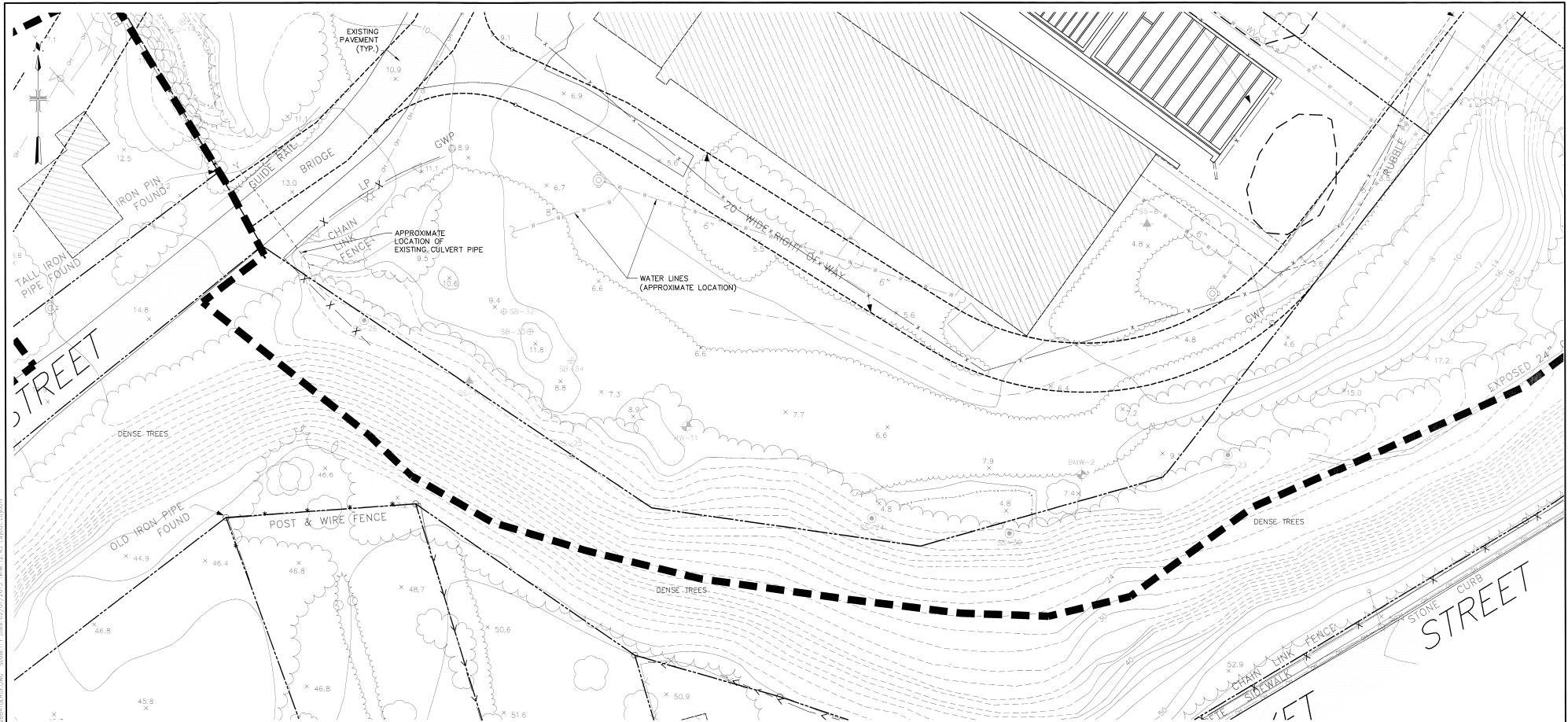
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DWN	SMH
CHK	DJL

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AXTON CROSS BUILDING AREA
FINAL PLAN AND DETAILS

SCALE: 1"=20'

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AC SHEET 3 OF 3
DWG. NO. 0266386AC03



KEY MAP
NOT TO SCALE

	MONITORING WELL		TOPOGRAPHIC CONTOUR		EDGE OF WATER
	SOIL SAMPLE LOCATION		INFERRED TOPOGRAPHIC CONTOUR		OVERHEAD UTILITIES
	SURFACE SOIL SAMPLE LOCATION		FENCE		PROPERTY LINE
	UTILITY POLE		WALL		RIGHT-OF-WAY
	UTILITY/LIGHT POLE		NON-GRASS VEGETATION		LIMIT OF DEBRIS
	UTILITY POLE WITH GUY WIRE		TREE LINE		STONE WALL
	HYDRANT				LIMIT OF WORK
	GAS VALVE				

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 2202-B, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 2202-B.

MALCOLM PIRNIE
Professional Engineer
No. 008551001

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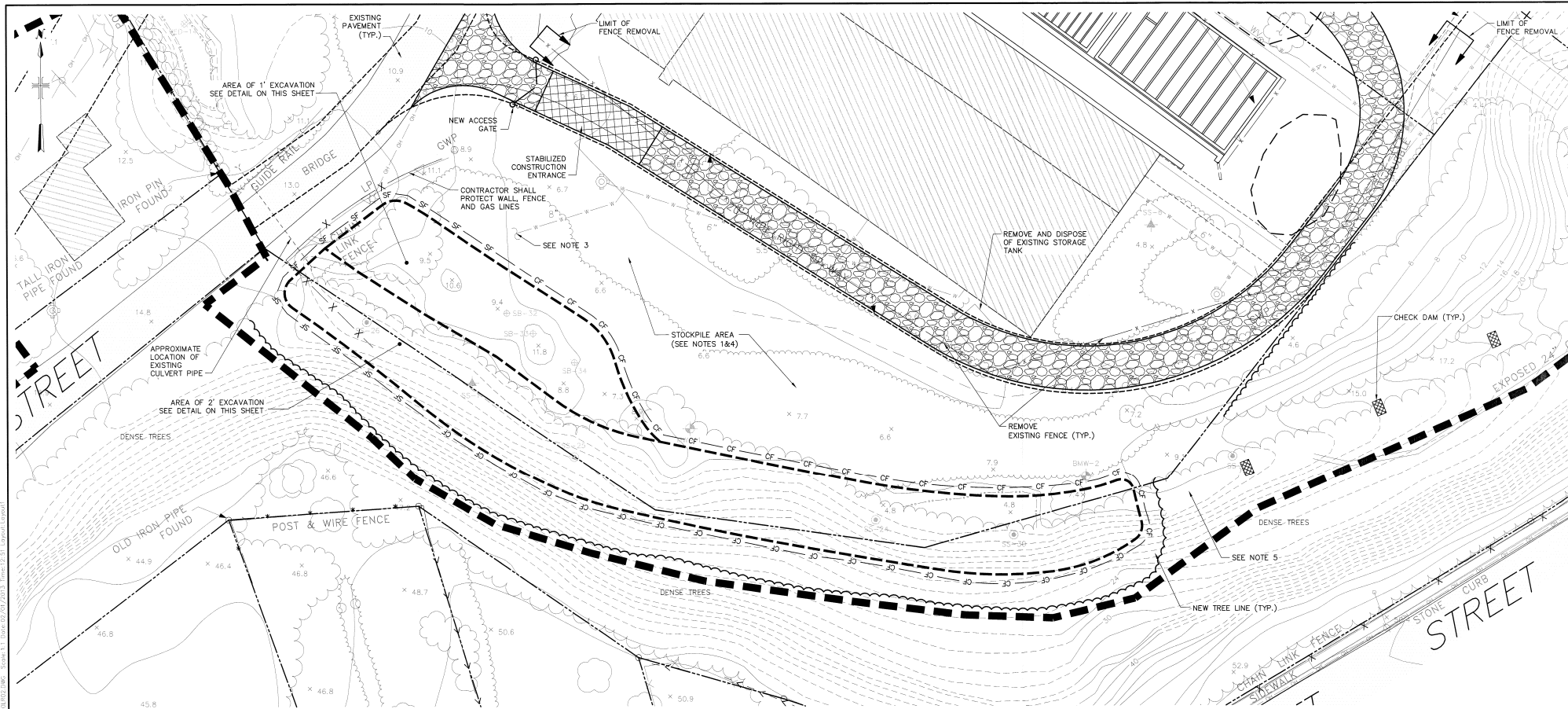
NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
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3 STAR ANODIZING SITE
NYSDEC SITE 314058, CONTRACT D008793
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LOWER RACEWAY AREA
EXISTING PLAN

SCALE: 1"=20'

10 0 10 20
SCALE: 1" = 20'

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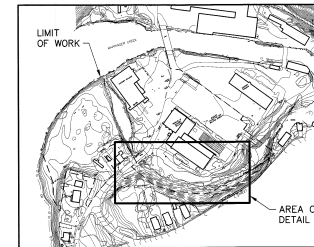


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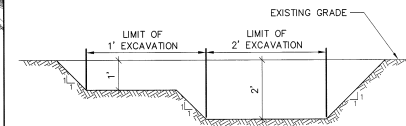
- CONTRACTOR SHALL CLEAR AND GRUB AREAS PRIOR TO EXCAVATION. CLEARING DEBRIS SHALL BE CHIPPED AND DISPOSED OF OFF-SITE. ALL CHIP AND STUMP DEBRIS SHALL BE CLEAN OF SOIL MATERIAL PRIOR TO OFF-SITE DISPOSAL. ANY SOIL MATERIALS GENERATED BY THE CLEARING ACTIVITIES SHALL BE CONSIDERED CONTAMINATED AND DISPOSED OF OFF-SITE PER THE REQUIREMENTS FOR DISPOSAL OF CONTAMINATED SOILS.
- CONTRACTOR SHALL EXCAVATE CONTAMINATED SOILS TO THE DEPTH AND LIMITS SHOWN. EXCAVATED SOILS SHALL BE DISPOSED OF OFF-SITE AS CONTAMINATED SOIL MATERIAL. CONTRACTOR SHALL BACKFILL WITH GENERAL FILL AND TOPSOIL TO MATCH PRE-EXCAVATION GRADES.
- CONTRACTOR SHALL PROTECT ALL UTILITIES. DURING EXCAVATION AND BACKFILL CONTRACTOR SHALL FIELD LOCATE WATER LINE PRIOR TO EXCAVATION AS NECESSARY. CONTRACTOR SHALL DIG TEST PITS TO IDENTIFY ROUTE OF WATER LINE IN THE AREAS OF EXCAVATION.
- CONTRACTOR SHALL STOCKPILE CONTAMINATED SOIL ON AND UNDER POLYETHYLENE SHEETING WHILE AWAITING OFF-SITE TRANSPORT AND DISPOSAL.
- CONTRACTOR SHALL DIVERT FLOW OF SURFACE WATER IN LOWER RACEWAY TO OUTSIDE THE LIMIT OF EXCAVATION DURING THE EXCAVATION AND BACKFILL WORK.

LEGEND

	MONITORING WELL		TOPOGRAPHIC CONTOUR
	SOIL SAMPLE LOCATION		INFERRED TOPOGRAPHIC CONTOUR
	SURFACE SOIL SAMPLE LOCATION		FENCE
	UTILITY POLE		WALL
	UTILITY/LIGHT POLE		NON-GRASS VEGETATION
	UTILITY POLE WITH GUY WIRE		TREE LINE
	HYDRANT		EDGE OF WATER
	GAS VALVE		OVERHEAD UTILITIES
	LIMIT OF EXCAVATION		PROPERTY LINE
	CONSTRUCTION FENCE		RIGHT-OF-WAY
	SILT FENCE		LIMIT OF DEBRIS
	NEW TREE LINE		STONE WALL
	LIMIT OF WORK		WATER LINE



KEY MAP
NOT TO SCALE



EXCAVATION DETAIL
NOT TO SCALE

SCALE: 1" = 20'

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 2205.4, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 2205.5.

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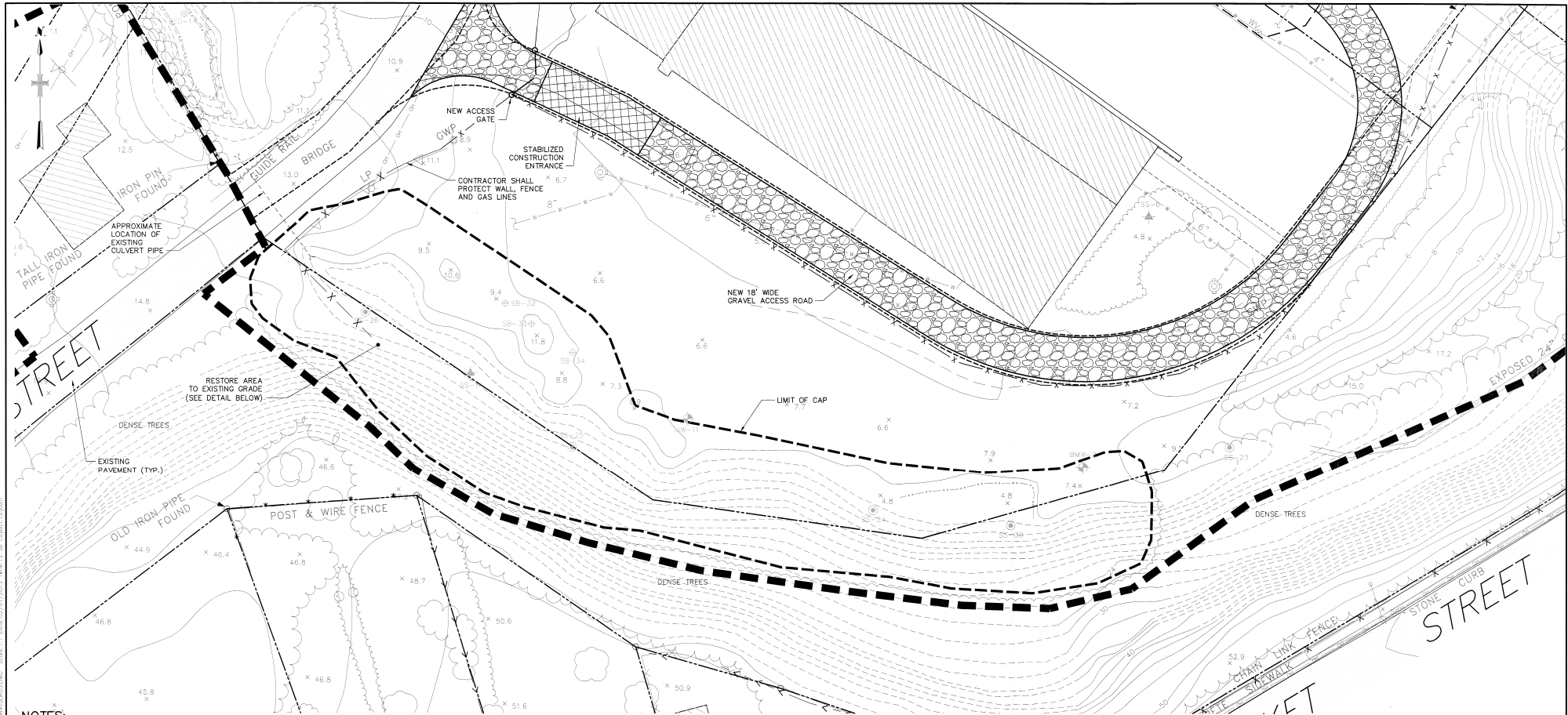
DES	DRH
DWN	SMH
OKD	DJL

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CONTRACT DRAWINGS

LOWER RACEWAY AREA
EXCAVATION PLAN

SCALE: 1"=20'

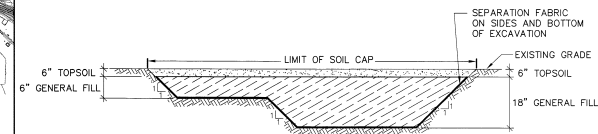
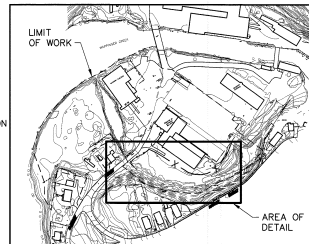
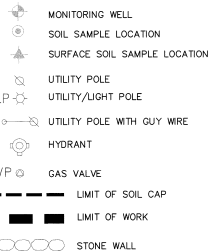
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NOTES:

1. CONTRACTOR SHALL CLEAR AND GRUB AREAS PRIOR TO EXCAVATION. CLEARING DEBRIS SHALL BE CHIPPED AND DISPOSED OF OFF-SITE. ALL CHIP AND STUMP DEBRIS SHALL BE CLEAN OF SOIL MATERIAL PRIOR TO OFF-SITE DISPOSAL. ANY SOIL MATERIALS GENERATED BY THE CLEARING ACTIVITIES SHALL BE CONSIDERED CONTAMINATED SOILS AND DISPOSED OF OFF-SITE PER THE REQUIREMENTS FOR DISPOSAL OF CONTAMINATED SOILS.
2. CONTRACTOR SHALL EXCAVATE CONTAMINATED SOILS TO THE DEPTH AND LIMITS SHOWN. EXCAVATED SOILS SHALL BE DISPOSED OF OFF-SITE. CONTRACTOR SHALL BACKFILL WITH GENERAL FILL AND TOPSOIL TO MATCH PRE-EXCAVATION GRADES.
3. CONTRACTOR SHALL PROTECT ALL UTILITIES. DURING EXCAVATION AND BACKFILL CONTRACTOR SHALL FIELD LOCATE WATER LINE PRIOR TO EXCAVATION AS NECESSARY. CONTRACTOR SHALL DIG TEST PITS TO IDENTIFY ROUTE OF WATER LINE IN THE AREAS OF EXCAVATION.

4. CONTRACTOR SHALL STOCKPILE CONTAMINATED SOIL ON AND UNDER POLYETHYLENE SHEETING WHILE AWAITING OFF-SITE TRANSPORT AND DISPOSAL.
5. CONTRACTOR SHALL DIVERT FLOW OF SURFACE WATER IN LOWER RACEWAY TO OUTSIDE THE LIMIT OF EXCAVATION DURING THE EXCAVATION AND BACKFILL WORK.
6. CONTRACTOR SHALL SEED ALL DISTURBED AREAS.



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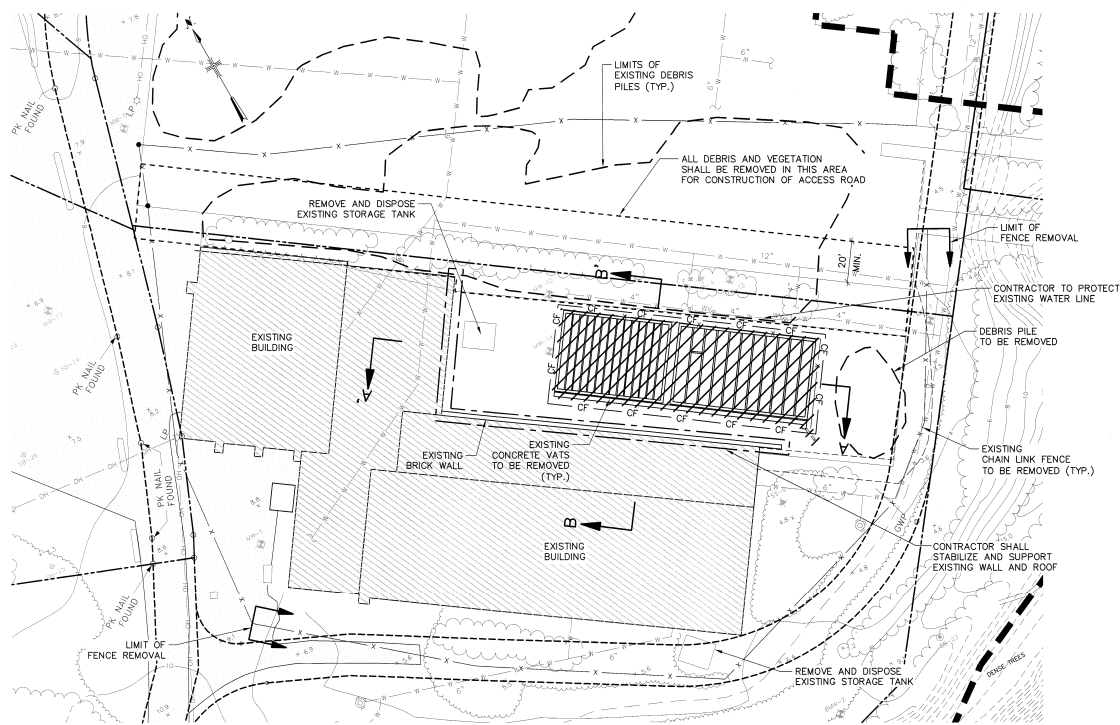
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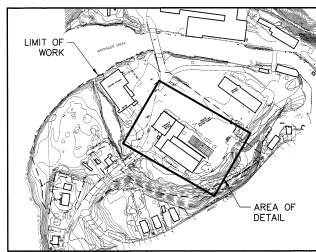
LOWER RACEWAY AREA
FINAL PLAN AND DETAILS

SCALE: 1"=20'

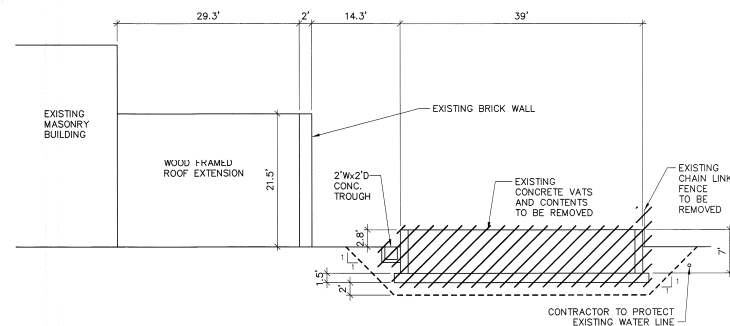
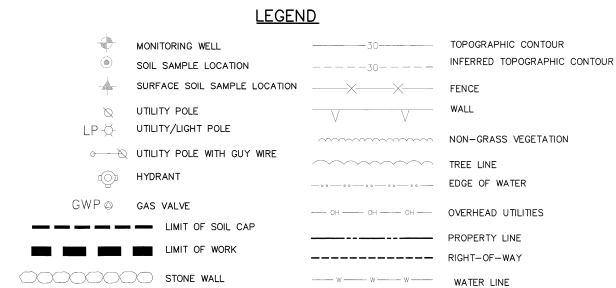
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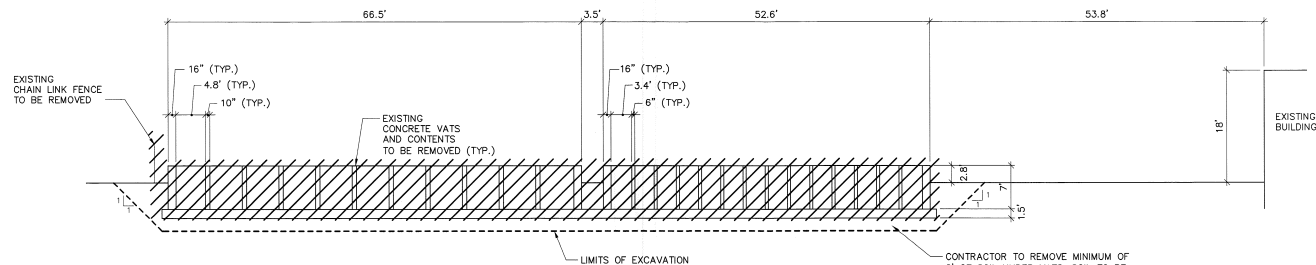
PLAN
SCALE: 1"=30'



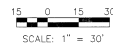
KEY MAP
NOT TO SCALE



SECTION B-B'
SCALE: 1"=10'



SECTION A-A'
SCALE: 1"=10'



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CONTRACT DRAWINGS

VAT AREA
DEMOLITION PLAN AND SECTIONS

SCALE: AS SHOWN

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VAT SHEET 1 OF 3
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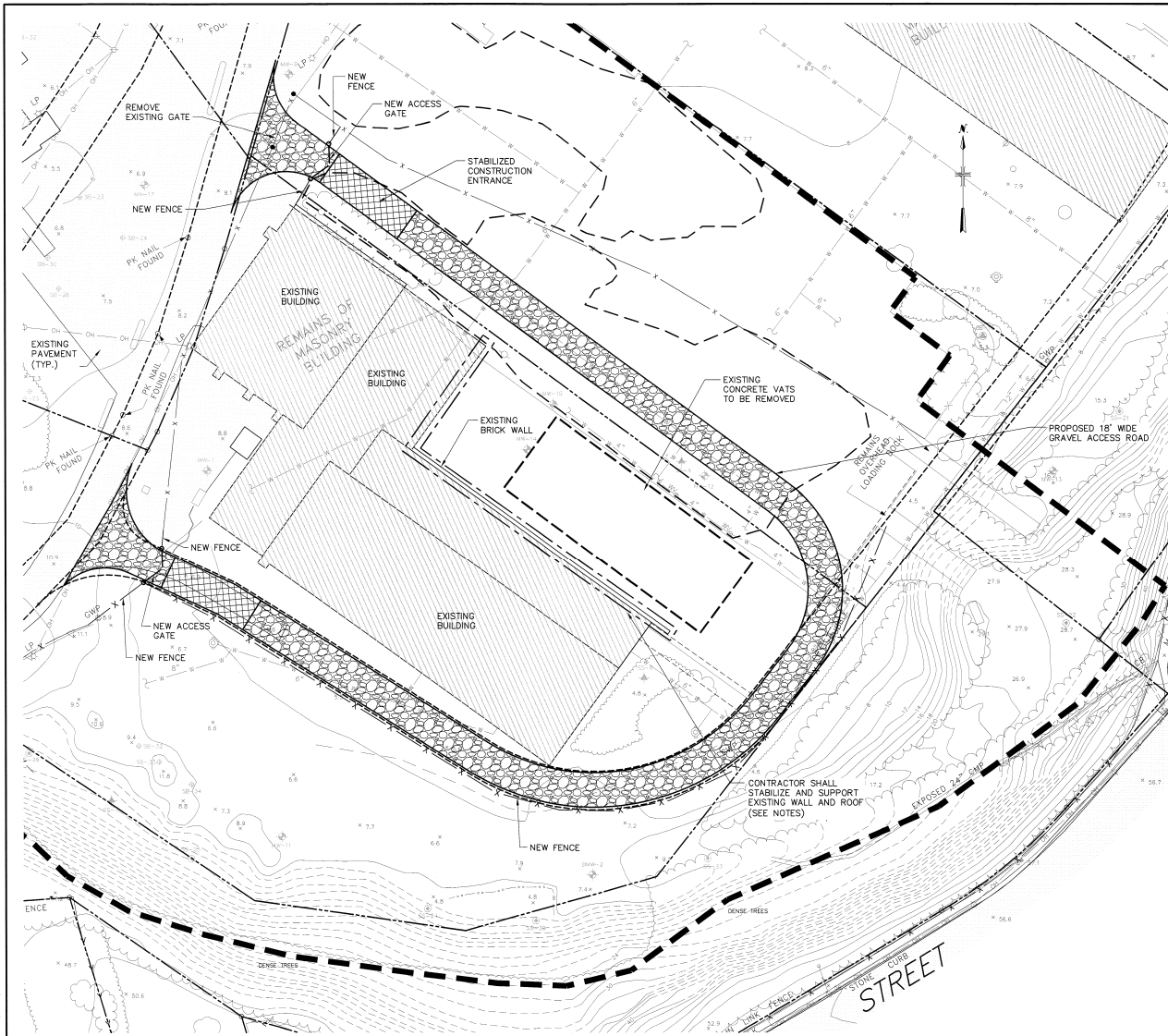
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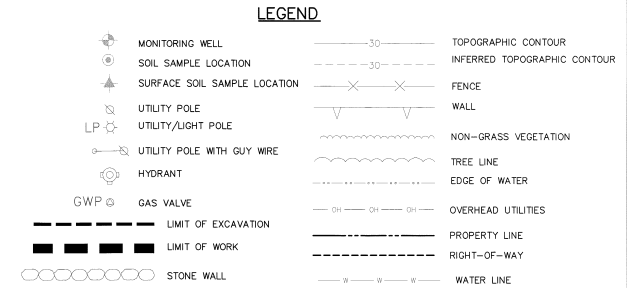


NO.	BY	DATE	REVISIONS	REMARKS

DES: DRH
DWN: SMH
CHK: DJL

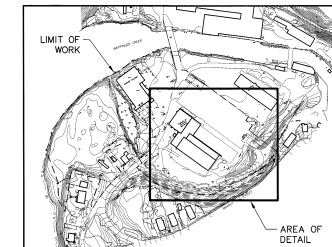


PLAN
SCALE: 1"=30'

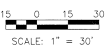


NOTES:

- CONTRACTOR SHALL SAFEGUARD EXISTING BUILDING STRUCTURE AND PERSONNEL FROM DAMAGE DURING VAT EXCAVATION AND BACKFILL ACTIVITIES.
- CONTRACTOR MAY OPT TO SAFEGUARD EXISTING BUILDING STRUCTURE FROM DAMAGE OR SELECTIVELY DEMOLISH STRUCTURE TO ALLOW FOR ACCESS TO VATS WITHOUT COMPROMISING THE BUILDING FOUNDATION. IN THE EVENT OF SELECTIVE BUILDING DEMOLITION, CONTRACTOR SHALL DEMOLISH BUILDING AND STOCKPILE EXEMPTED C&D DEBRIS (I.E. CLEAN AND UNCONTAMINATED) BRICK, BLOCK, GLASS, ROCK, SOIL AND CONCRETE FROM OTHER C&D DEBRIS (I.E. WOOD, ROOFING, INSULATION, MISCELLANEOUS DEBRIS IN STRUCTURE) FOR FUTURE DISPOSAL BY OTHERS.



KEY MAP
NOT TO SCALE



WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 2205.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 2205.2.



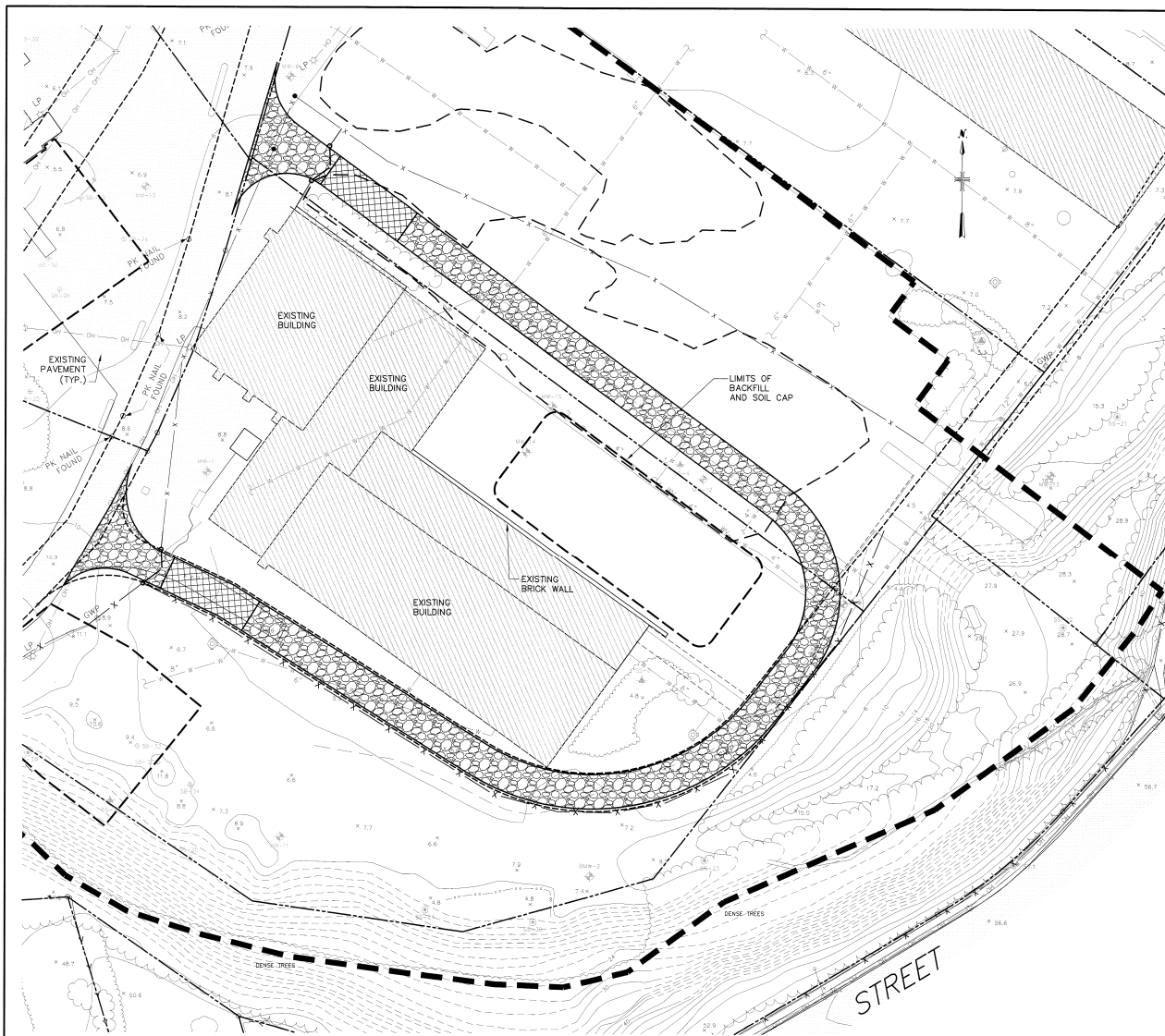
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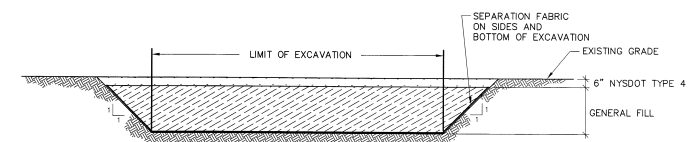
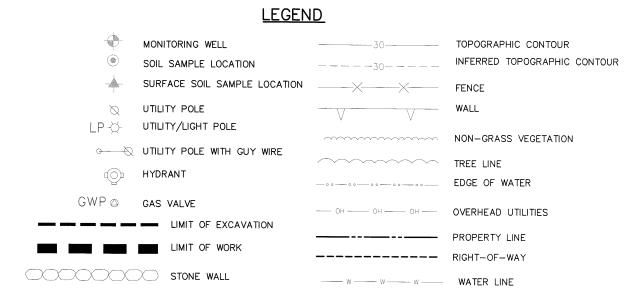
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VAT AREA
**TEMPORARY FACILITIES PLAN
AND DETAILS**
SCALE: AS SHOWN

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PLAN
SCALE: 1"=30'



NOTE:
CONTRACTOR SHALL BACKFILL EXCAVATION AND MATCH PRE-EXCAVATION GRADES.

BACKFILL AND CAP DETAIL
NOT TO SCALE



KEY MAP
NOT TO SCALE

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW, SECTION 2205.6, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK LAW, SECTION 2205.6.



NO.	BY	DATE	REVISIONS	REMARKS

DES	DRH
DWN	SMH
CKD	DJL

NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
OU-1 REMEDIAL CONSTRUCTION
3 STAR ANODIZING SITE
NYSDEC SITE 314058, CONTRACT D008793
CONTRACT DRAWINGS

VAT AREA
RESTORATION PLAN

SCALE: AS SHOWN

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DATE APRIL 2013
VAT SHEET 3 OF 3
DWG. NO. 0266386VAT03