



Legend

-  Runoff from Temporary Facilities
-  Effluent to WTP
-  Runoff from Permanent Facilities

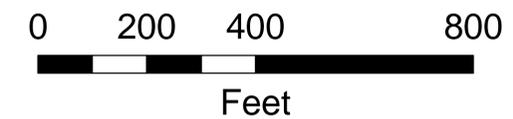


Figure 5

2013 Construction

**Water Treatment Plant &
Sediment Consolidation Area SWPPP**

PARSONS

301 Plainfield Road, Suite 350, Syracuse, NY 13212



Legend

-  Runoff from Temporary Facilities
-  After Liner Installed and Before Operation, Runoff to SPDES Outfall No. 18. After Operation, Effluent to WTP
-  Effluent to WTP
-  Runoff from Permanent Facilities

Note: Phase 3 to be built if needed.

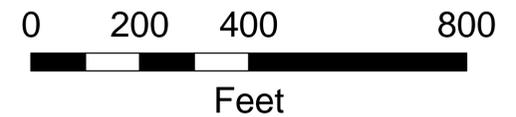


Figure 6

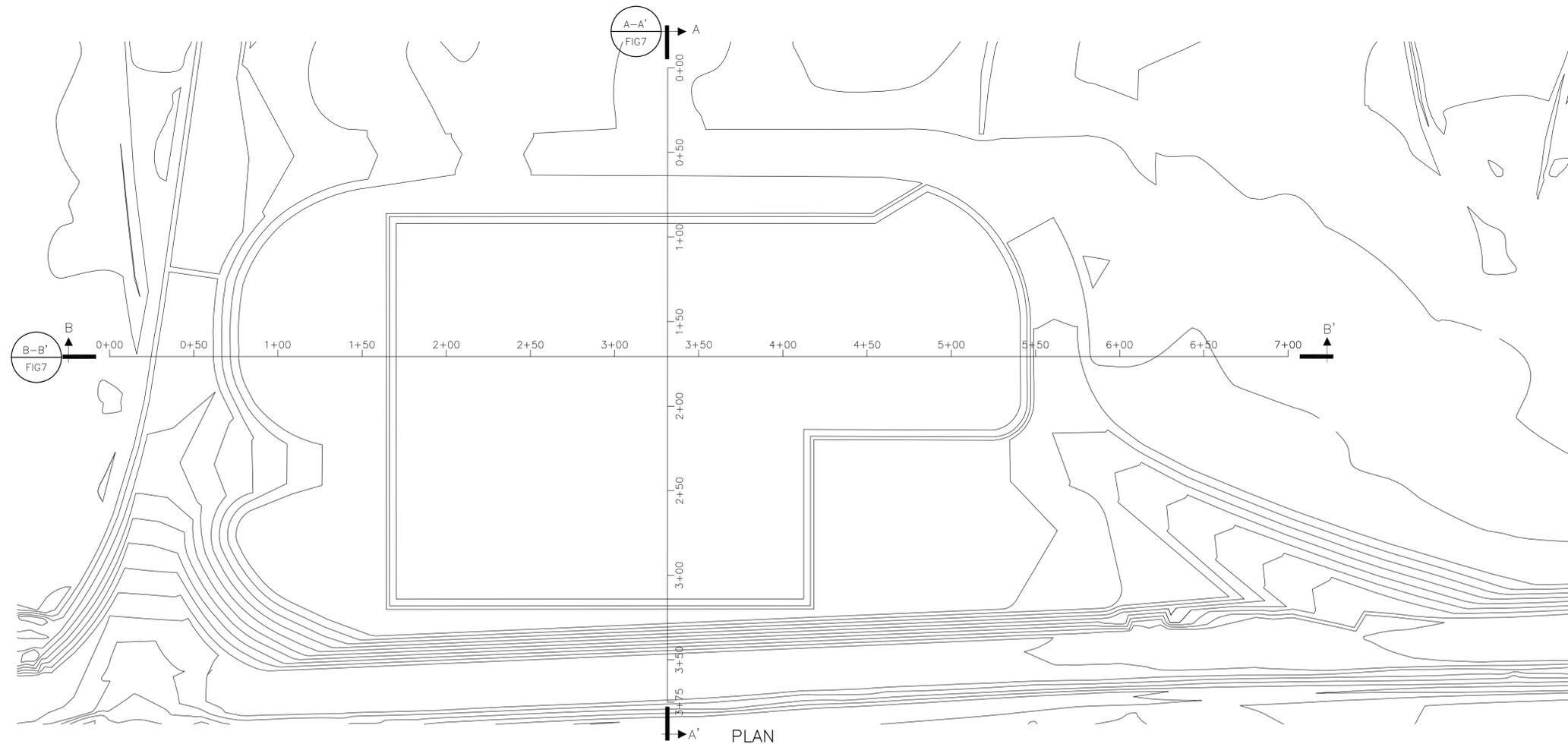
2014 - 2016 Construction

Water Treatment Plant &
Sediment Consolidation Area SWPPP

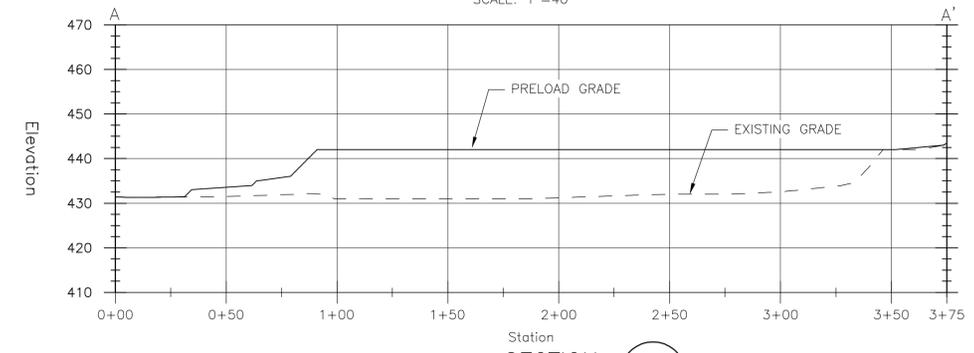
PARSONS

301 Plainfield Road, Suite 350, Syracuse, NY 13212

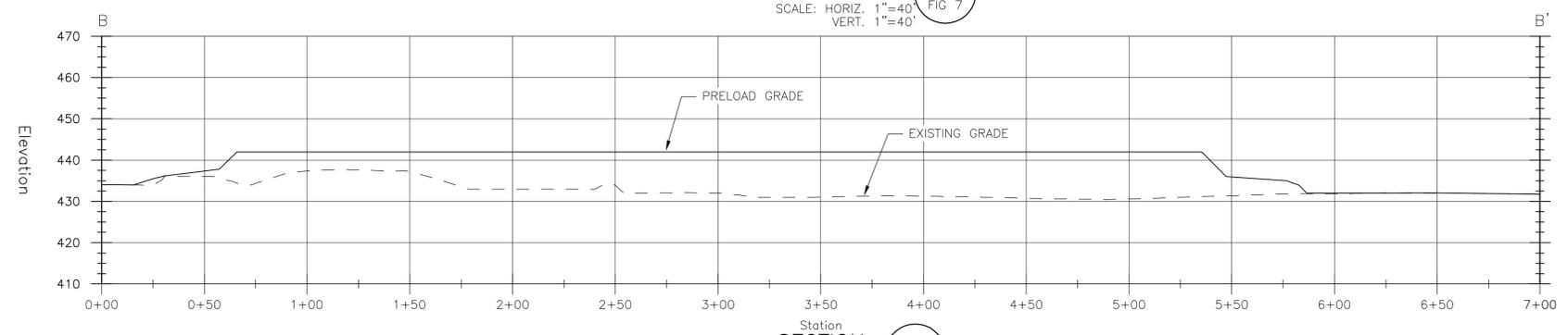
Note: Construction Design for Years 2011 Through 2016 is Conceptual



PLAN
SCALE: 1"=40'

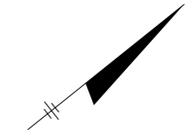


SECTION A-A'
SCALE: HORIZ. 1"=40'
VERT. 1"=40'



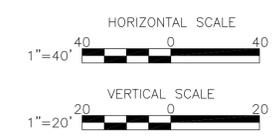
SECTION B-B'
SCALE: HORIZ. 1"=40'
VERT. 1"=40'

FIGURE 7

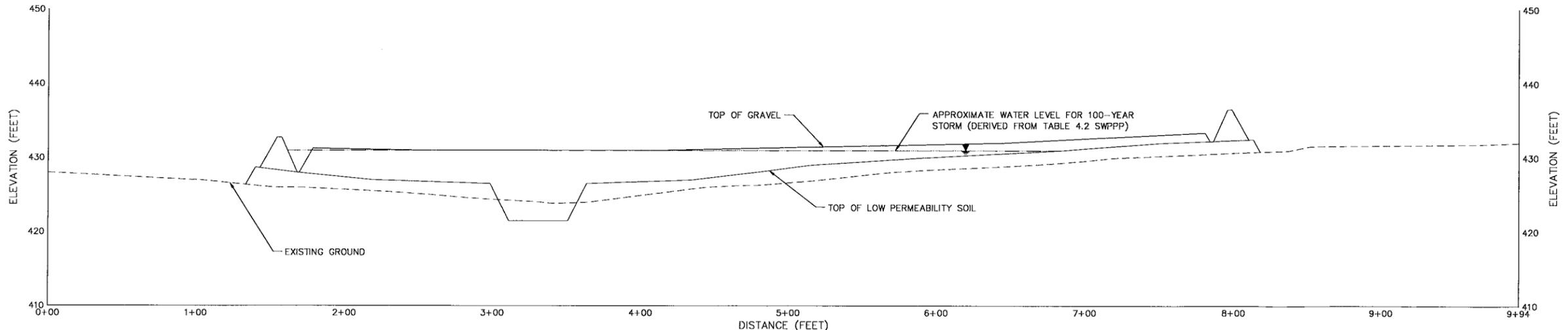
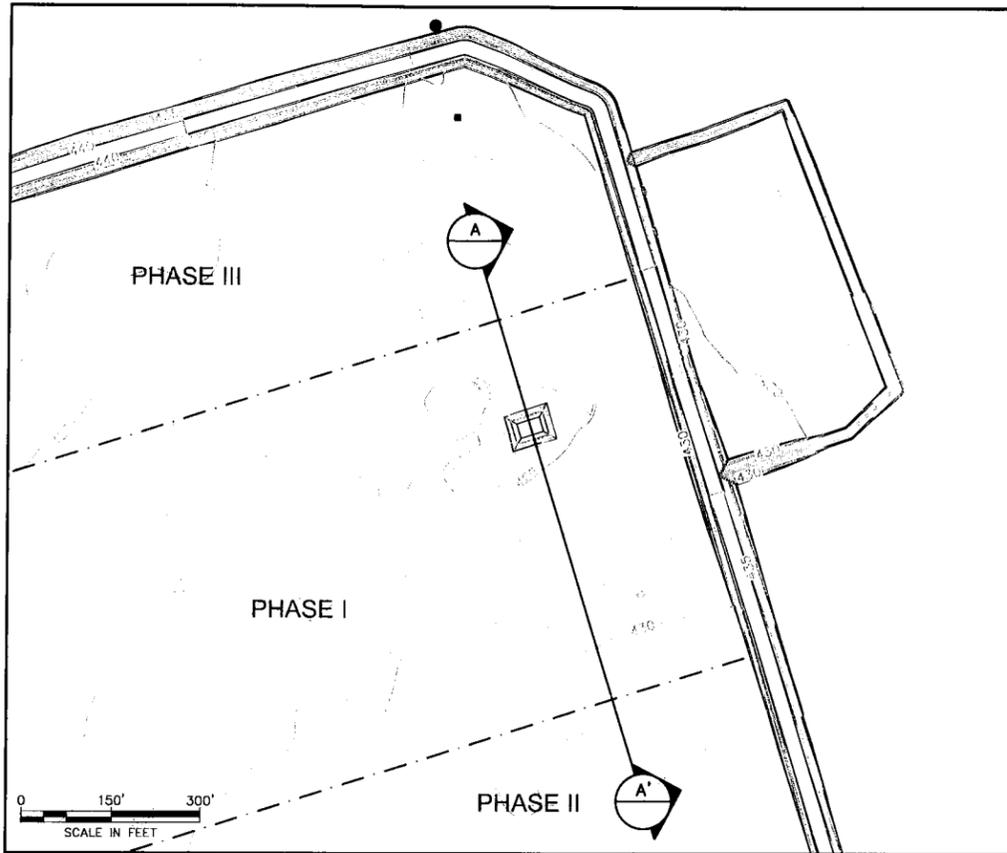


HONEYWELL
INTERNATIONAL INC.
TOWN OF GREDDES
ONONDAGA COUNTY,
NEW YORK

TYPICAL SECTIONS
OF PRELOAD



FILE NO. 1163-45613-FIG7
JULY 2010



SECTION A-A'

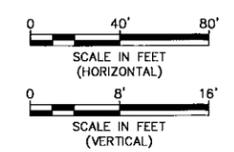
HORIZONTAL: 1" = 40'

VERTICAL: 1" = 8'

SEDIMENT CONSOLIDATION AREA
ONONDAGA LAKE

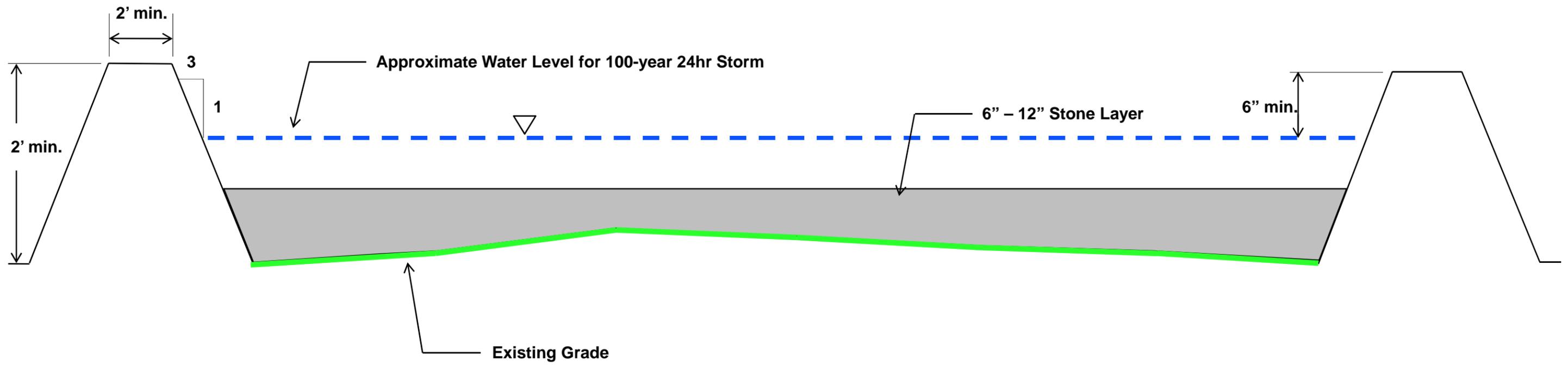
Geosyntec
consultants

KENNESAW, GA



DATE:	July 10	SCALE:	AS SHOWN
PROJECT NO.	GJ4299.04.24	FILE NO.	4299X035
DOCUMENT NO.	-	FIGURE NO.	SCA-1

L:\CAD\0\ONONDAGA LAKE\PERMIT\SCA SEDIMENT\FINAL DESIGN\CA299.04.17\DRAWINGS\4299X035_CROSS SECTION



1" = 20' Horizontal

1" = 1' Vertical

Note: Ramps will be constructed to access to interior of Staging Area

Preliminary Draft – Settlement Confidential

Figure SA-1

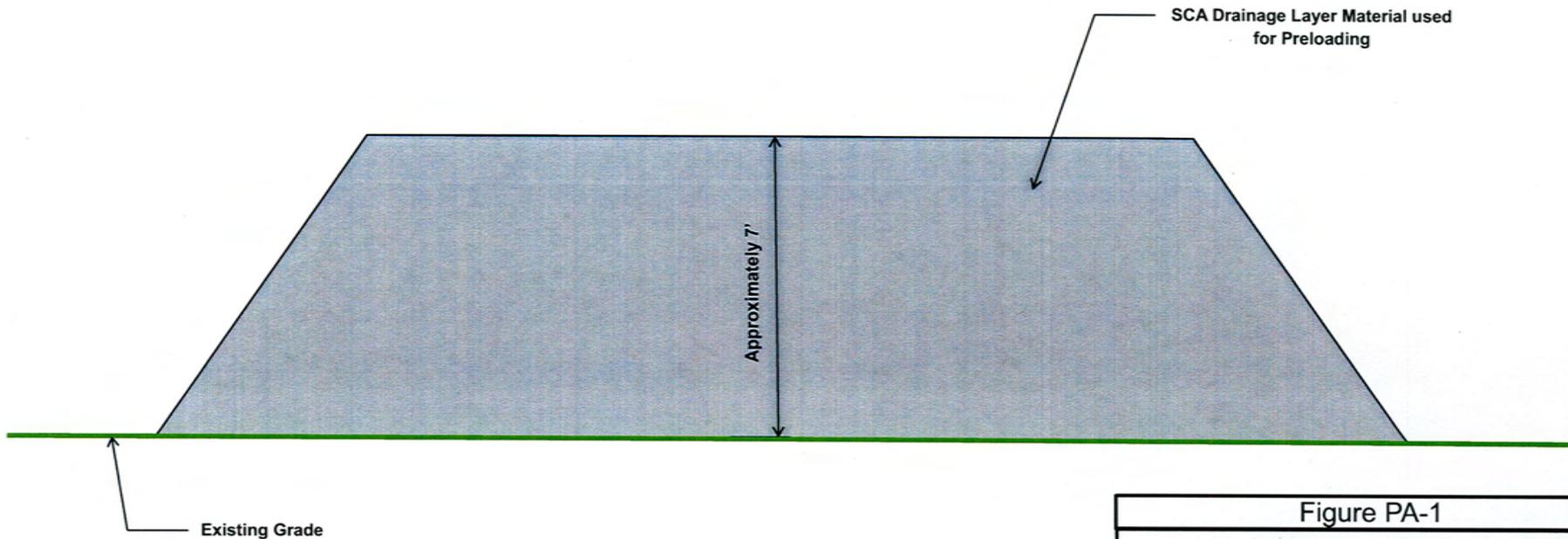
Staging Area 1 – Cross Section

2010 Construction

Water Treatment Plant & Sediment
Consolidation Area SWPP

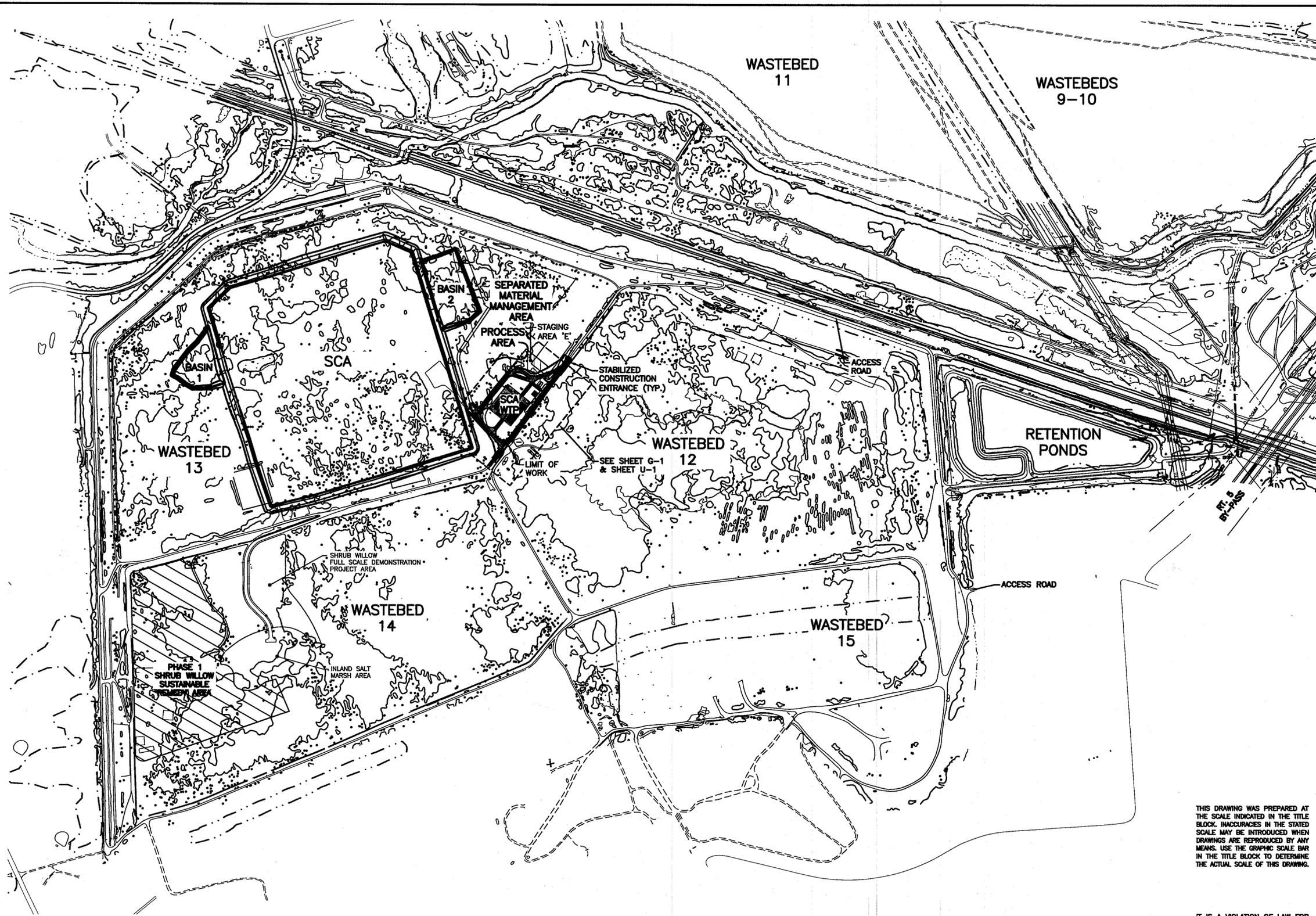
PARSONS

301 Plainfield Road * Suite 350 * Syracuse, NY 13212 * Phone: (315) 451-9560



1" = 20' Horizontal
 1" = 2.5' Vertical

Figure PA-1
Process Preload Area – Cross Section
2010 Construction
Water Treatment Plant & Sediment Consolidation Area SWPP
PARSONS 301 Plainfield Road * Suite 350 * Syracuse, NY 13212 * Phone: (315) 451-9560



- NOTE:**
- YEAR 2010 CONSTRUCTION INCLUDES PRELOAD GRADING AND INITIATION PRELOAD REMOVAL AS SHOWN ON SHEETS G-3 & G-4.
 - THE CONTRACTOR SHALL CUT AND REMOVE VEGETATION FROM STAGING AREA E, INSTALL ONE LAYER OF TENSAR BX1200 AND 12-INCHES OF TYPE F SELECT FILL IN TWO 6-INCH LAYERS COMPACTED TO 95% MODIFIED PROCTOR.

SURVEY NOTE:

THE BASE PLAN SURVEY CONTROL IS BASED ON THE FOLLOWING:

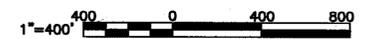
HORIZONTAL - NORTH AMERICAN DATUM 1983 (NAD83) PROJECTED ON NEW YORK STATE PLANE COORDINATE SYSTEM (CENTRAL ZONE)

VERTICAL - NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

- LEGEND**
- 100 YEAR FEMA FLOOD ZONE
 - - - NYS FRESHWATER WETLAND

THIS DRAWING IS PROVIDED FOR INFORMATION ONLY. SEE SHEETS G-3 & G-4 FOR YEAR 2010 ACTIVITIES

F	7/28/10	FOR SWPPP SUBMITTAL	
E	7/20/10	FINAL DESIGN	
D	5/27/10	EFFLUENT PIPING RFP PACKAGE	
C	5/19/10	REVISED TO INCLUDE CONSTRUCTION STAGING AREAS	
B	5/12/10	DP #2 FOR NYSDEC AND COUNTY REVIEW	
A	4/09/10	DP #2 DRAFT FOR HONEYWELL REVIEW	
NO.	DATE	REVISION	INIT.



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PLAN
SCALE: 1"=400'



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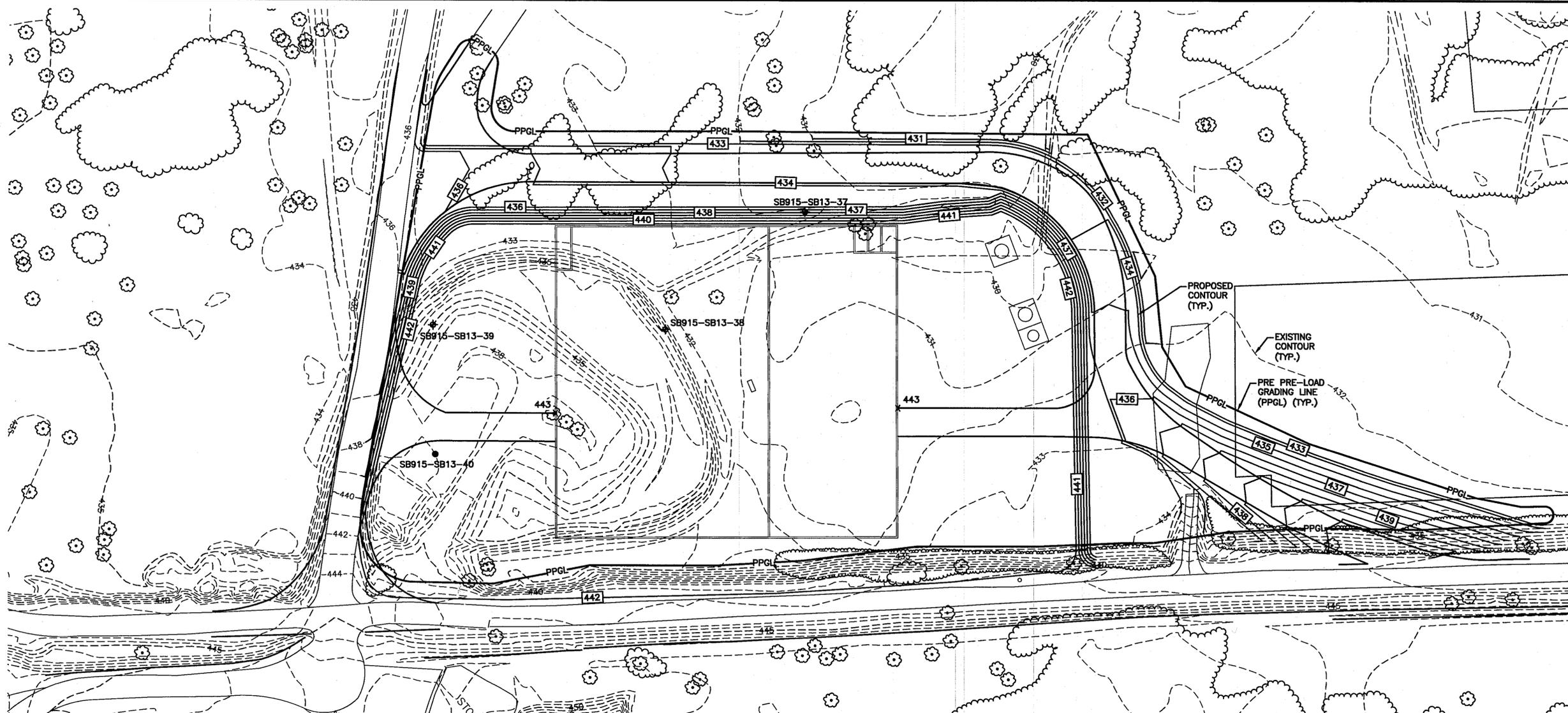
HONEYWELL INTERNATIONAL, INC.
DP #2
WATER TREATMENT PLANT
TOWN OF CAMILLUS, NEW YORK

OVERALL SITE & KEY PLAN



IN CHARGE OF	M.E. REWKOWSKI	FILE NO.	1163.45613-SP1
DESIGNED BY	MER	CHECKED BY	RGD
DRAWN BY	SLJ/DOK	DATE	MAY 2010

SP-1



LEGEND

--- 446 ---	EXISTING CONTOUR
--- 437 ---	PROPOSED CONTOUR
— PPGL —	PRE PRE-LOAD GRADING LINE

PLAN
SCALE: 1"=40'

C	7/28/10	REVISED FOR SWPPP SUBMITAL	
B	7/20/10	FINAL DESIGN	
A	6/29/10	ISSUED FOR REVIEW	
NO.	DATE	REVISION	INIT.



HONEYWELL INTERNATIONAL, INC.
WATER TREATMENT PLANT
TOWN OF CAMILLUS, NY

PRE-LOAD GRADING PLAN

- NOTES:**
1. THE SITE SHALL BE GRADED BY REMOVAL OF MATERIAL FROM WITHIN THE LIMITS OF PRE PRE-LOAD GRADING LINE (PPGL) LINE TO AN APPROXIMATE ELEVATION OF 431'.
 2. REQUIRED PIEZOMETERS AND SETTLEMENT PLATES SHALL BE INSTALLED AT THE LOCATIONS AS DIRECTED BY PARSONS AND GEOSYNTEC.
 3. PRELOAD MATERIAL SHALL BE PLACED IN LIFTS NOT EXCEEDING 12 INCHES TO THE GRADES AND ELEVATIONS SHOWN. EACH LIFT SHOULD BE COMPACTED TO A MINIMUM OF 95% PROCTOR AND ATTAIN A MINIMUM DENSITY OF 120 POUNDS PER CUBIC FOOT. EACH LIFT SHALL BE TESTED USING A NUCLEAR DENSITY TESTING METER IN ACCORDANCE WITH ASTM D2922. A MINIMUM OF 4 TESTS PER LIFT SHALL BE PERFORMED.
 4. THE SETTLEMENT PLATES AND PIEZOMETERS SHALL BE MONITORED AT THE FREQUENCY PROVIDED BY PARSONS AND GEOSYNTEC.
 5. PRELOAD SOILS SHALL BE REMOVED FOLLOWING THE COMPLETION OF THE PRELOAD CYCLE. THE PRE-LOAD MATERIAL SHALL BE REMOVED TO THE GRADES SHOWN ON G-4 PRE-LOAD REMOVAL GRADING PLAN.

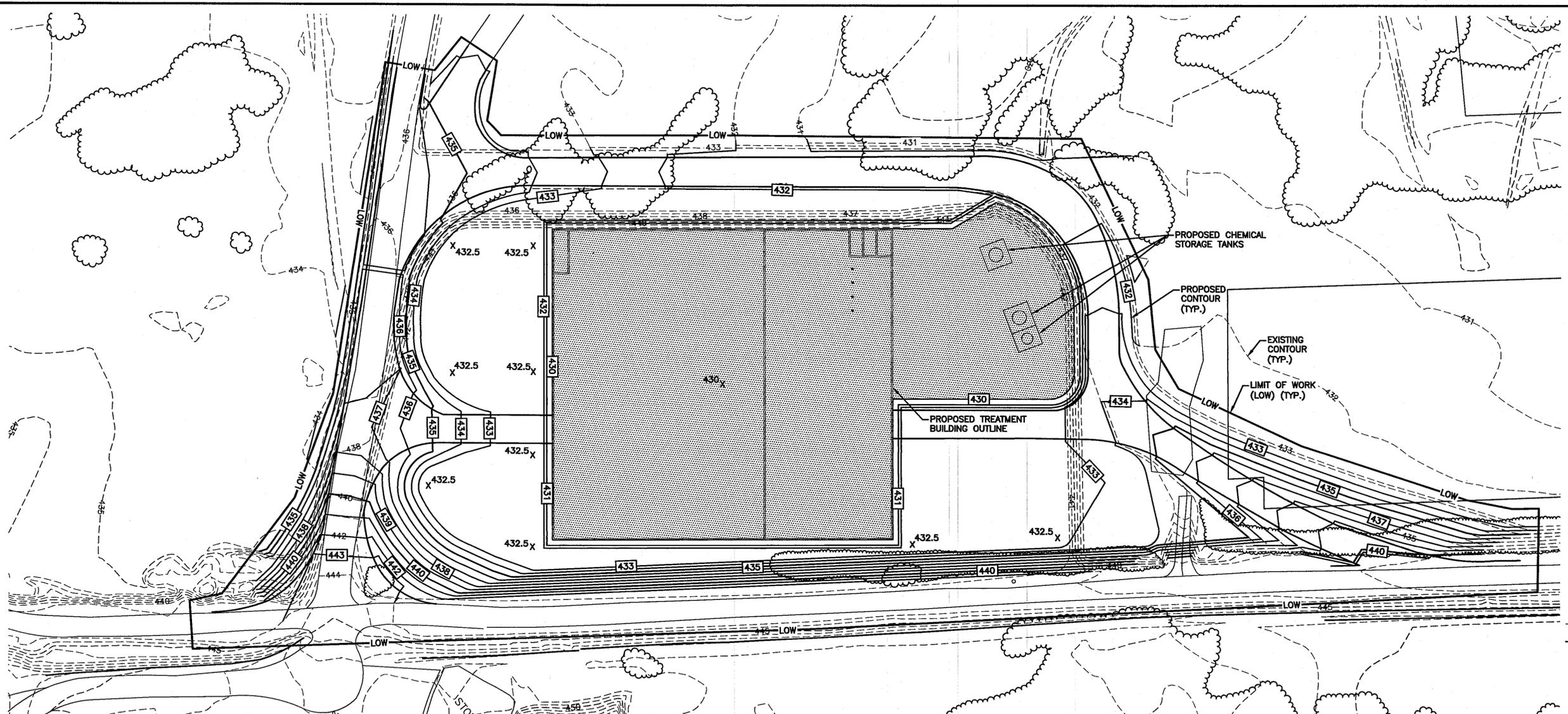
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Brian White

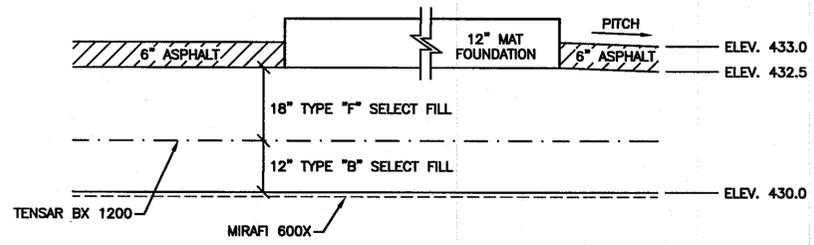
IN CHARGE OF	P. D. SCHULTZ	FILE NO.	1163.45613-G3	G-3
DESIGNED BY	DTF	CHECKED BY	MER	
DRAWN BY	SLJ	DATE	MAY 2010	



LEGEND

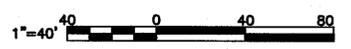
---	446	EXISTING CONTOUR
- - -	437	PROPOSED CONTOUR
[Hatched Box]		PROPOSED TENSAR BX1200

PLAN
SCALE: 1"=40'



SITE AFTER PRE-LOAD IS REMOVED
TYPICAL MAT FOUNDATION/ASPHALT DETAIL
NOT TO SCALE

NO.	DATE	REVISION	INIT.
C	7/28/10	REVISED FOR SWPPP SUBMITTAL	
B	7/20/10	FINAL DESIGN	
A	6/29/10	ISSUED FOR REVIEW	



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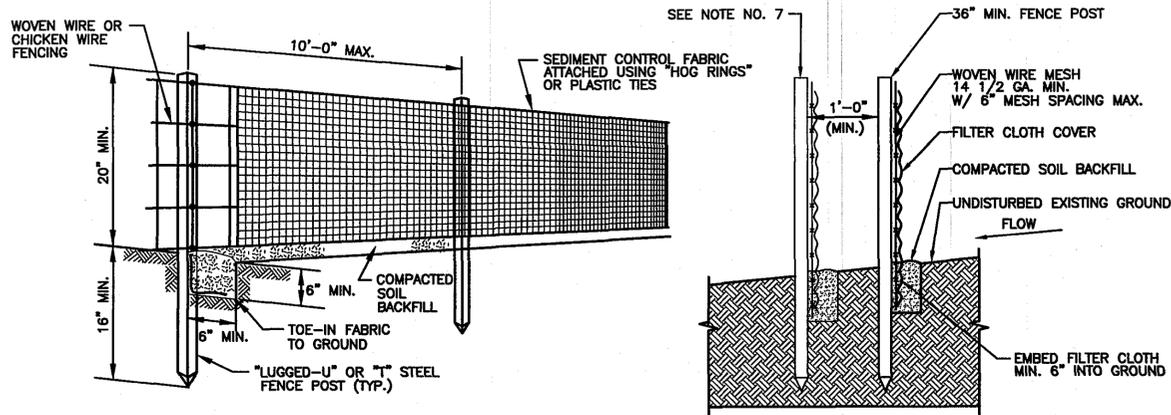
B. White



HONEYWELL INTERNATIONAL, INC.
WATER TREATMENT PLANT
TOWN OF CAMILLUS, NEW YORK

PRE-LOAD REMOVAL GRADING PLAN

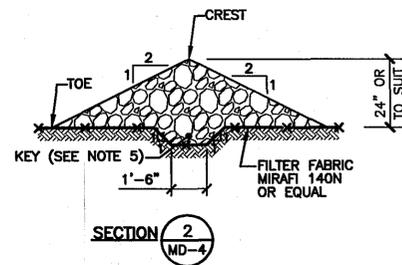
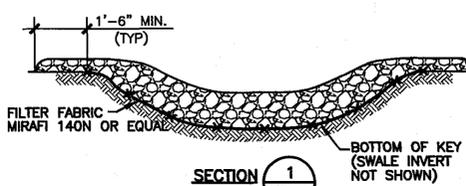
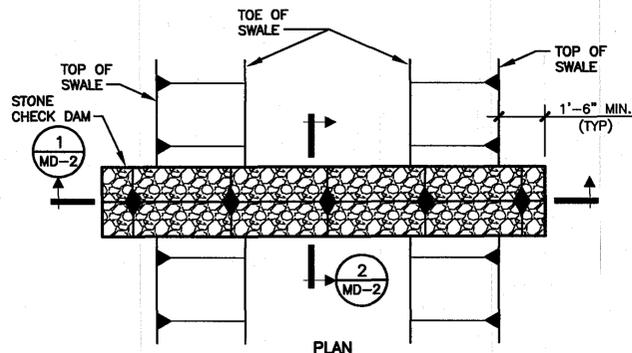
IN CHARGE OF	P. D. SCHULTZ	FILE NO.	1163.45613-G4	G-4
DESIGNED BY	DTF	CHECKED BY	MER	
DRAWN BY	SLJ	DATE	MAY 2010	



1. SILT FENCE SHALL BE PLACED AS INDICATED ON THE ESC PLANS.
2. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
3. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. FENCE TO BE ALIGNED ALONG CONTOUR AS CLOSELY AS POSSIBLE.
7. FENCE SHALL BE DOUBLED AT THE TOE OF ALL SLOPES GREATER THAN 15 PERCENT, AND ADJACENT TO WATER BODIES.

POSTS : STEEL EITHER T OR U TYPE OR 2" HARDWOOD
 FENCE : WOVEN WIRE 14.5 GAUGE 6" MAX. MESH OPENING
 FILTER CLOTH : MINIMUM TENSILE STRENGTH OF 120 LBS. (ASTM D-16826)
 PREFABRICATED UNIT : MIRAFI ENVIROFENCE, OR APPROVED EQUAL
 STANDARD SYMBOL —SF—SF

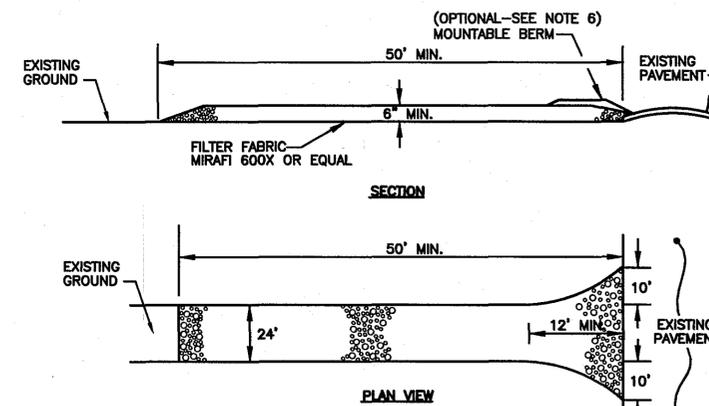
SILT FENCE DETAIL
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. NYS DOT ITEM 623.12 STONE SHALL BE PLACED ON A FILTER FABRIC FOUNDATION.
2. SET SPACING OF CHECK DAMS SUCH THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM. MAXIMUM SPACING 300 FEET.
3. EXTEND THE STONE A MINIMUM OF 1.5' BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. KEY SHALL BE 0'-6" DEEP AND LINED WITH FILTER FABRIC FOR FULL LENGTH OF CHECK DAM.

CHECK DAM DETAIL
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET
3. THICKNESS - NOT LESS THAN SIX (6) INCHES
4. WIDTH TWENTY-FOUR (24) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE EGRESS OCCURS.
5. FILTER FABRIC (MIRAFI 600X OR EQUAL) - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS NOT POSSIBLE, A MOUNTABLE BERM 3' WIDE (MIN.) WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO ADJACENT SEDIMENT BASINS.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT STORM WATER POLLUTION PREVENTION PLAN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

NO.	DATE	REVISION	INIT.
D	7/28/10	REVISED FOR SWPPP SUBMITTAL	
C	5/27/10	EFFLUENT PIPING RFP PACKAGE	
B	5/12/10	DP #2 FOR NYSDEC AND COUNTY REVIEW	
A	4/09/10	DP #2 DRAFT FOR HONEYWELL REVIEW	

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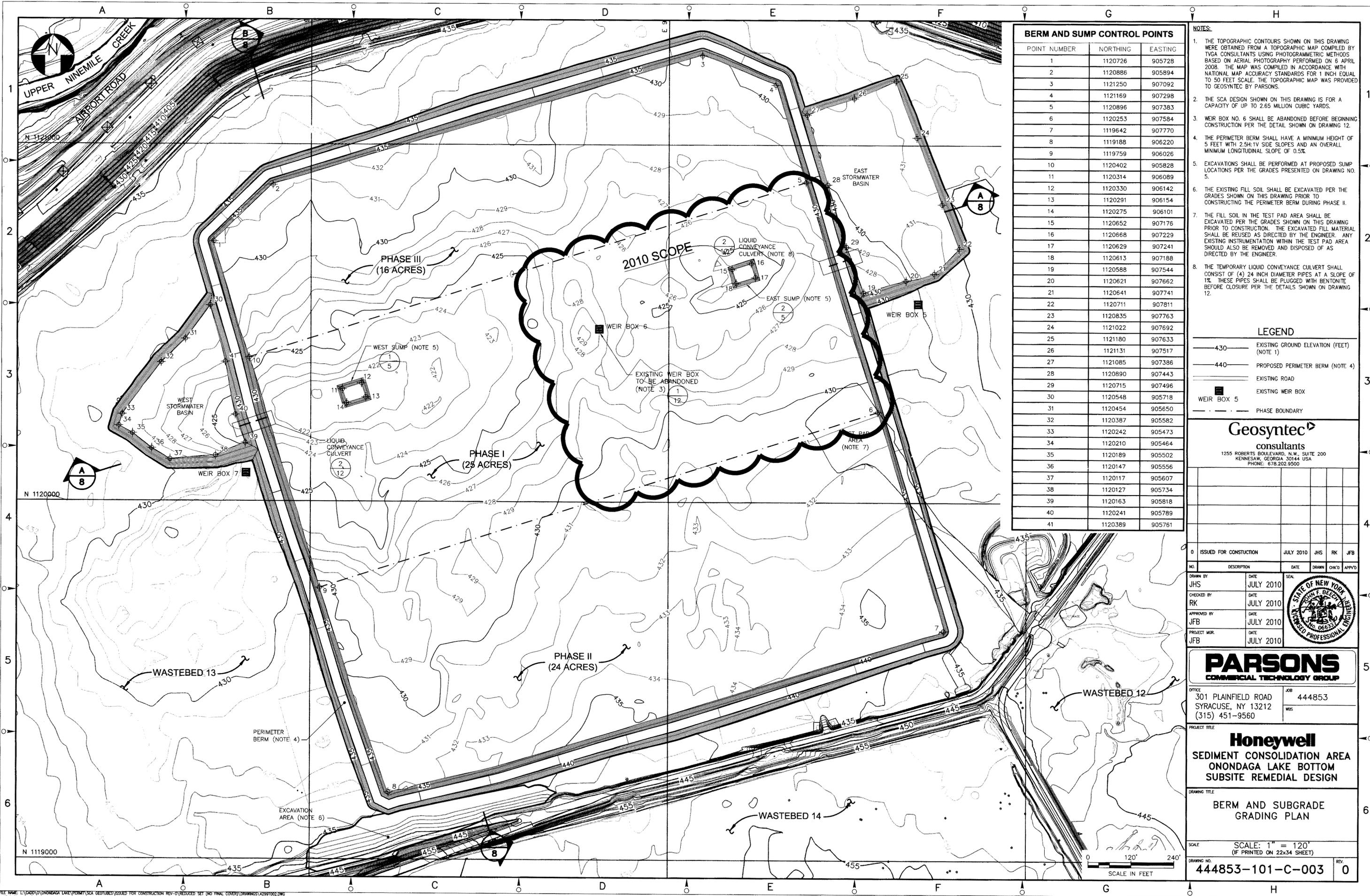
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HONEYWELL INTERNATIONAL, INC.
DP #2
WATER TREATMENT PLANT
TOWN OF CAMILLUS, NEW YORK

MISCELLANEOUS DETAILS

IN CHARGE OF	M.E. REWKOWSKI	FILE NO.	1163.45613-MD4	MD-4
DESIGNED BY	MER	CHECKED BY	RGD	
DRAWN BY	SLJ/DOK	DATE	MAY 2010	

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BERM AND SUMP CONTROL POINTS		
POINT NUMBER	NORTHING	EASTING
1	1120726	905728
2	1120886	905894
3	1121250	907092
4	1121169	907298
5	1120896	907383
6	1120253	907584
7	1119642	907770
8	1119188	906220
9	1119759	906026
10	1120402	905828
11	1120314	906089
12	1120330	906142
13	1120291	906154
14	1120275	906101
15	1120652	907176
16	1120668	907229
17	1120629	907241
18	1120613	907188
19	1120588	907544
20	1120621	907662
21	1120641	907741
22	1120711	907811
23	1120835	907763
24	1121022	907692
25	1121180	907633
26	1121131	907517
27	1121085	907386
28	1120890	907443
29	1120715	907496
30	1120548	905718
31	1120454	905650
32	1120387	905582
33	1120242	905473
34	1120210	905464
35	1120189	905502
36	1120147	905556
37	1120117	905607
38	1120127	905734
39	1120163	905818
40	1120241	905789
41	1120389	905761

- NOTES:
- THE TOPOGRAPHIC CONTOURS SHOWN ON THIS DRAWING WERE OBTAINED FROM A TOPOGRAPHIC MAP COMPILED BY TIGA CONSULTANTS USING PHOTOGRAMMETRIC METHODS BASED ON AERIAL PHOTOGRAPHY PERFORMED ON 6 APRIL 2008. THE MAP WAS COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FOR 1 INCH EQUAL TO 50 FEET SCALE. THE TOPOGRAPHIC MAP WAS PROVIDED TO GEOSYNTEC BY PARSONS.
 - THE SCA DESIGN SHOWN ON THIS DRAWING IS FOR A CAPACITY OF UP TO 2.65 MILLION CUBIC YARDS.
 - WEIR BOX NO. 6 SHALL BE ABANDONED BEFORE BEGINNING CONSTRUCTION PER THE DETAIL SHOWN ON DRAWING 12.
 - THE PERIMETER BERM SHALL HAVE A MINIMUM HEIGHT OF 5 FEET WITH 2:5H:1V SIDE SLOPES AND AN OVERALL MINIMUM LONGITUDINAL SLOPE OF 0.5%.
 - EXCAVATIONS SHALL BE PERFORMED AT PROPOSED SUMP LOCATIONS PER THE GRADES PRESENTED ON DRAWING NO. 5.
 - THE EXISTING FILL SOIL SHALL BE EXCAVATED PER THE GRADES SHOWN ON THIS DRAWING PRIOR TO CONSTRUCTING THE PERIMETER BERM DURING PHASE II.
 - THE FILL SOIL IN THE TEST PAD AREA SHALL BE EXCAVATED PER THE GRADES SHOWN ON THIS DRAWING PRIOR TO CONSTRUCTION. THE EXCAVATED FILL MATERIAL SHALL BE REUSED AS DIRECTED BY THE ENGINEER. ANY EXISTING INSTRUMENTATION WITHIN THE TEST PAD AREA SHOULD ALSO BE REMOVED AND DISPOSED OF AS DIRECTED BY THE ENGINEER.
 - THE TEMPORARY LIQUID CONVEYANCE CULVERT SHALL CONSIST OF (4) 24 INCH DIAMETER PIPES AT A SLOPE OF 1% THESE PIPES SHALL BE PLUGGED WITH BENTONITE BEFORE CLOSURE PER THE DETAILS SHOWN ON DRAWING 12.

LEGEND

	EXISTING GROUND ELEVATION (FEET) (NOTE 1)
	PROPOSED PERIMETER BERM (NOTE 4)
	EXISTING ROAD
	EXISTING WEIR BOX
	PHASE BOUNDARY

Geosyntec
consultants
1255 ROBERTS BOULEVARD, N.W., SUITE 200
KENNESAW, GEORGIA 30144 USA
PHONE: 678.202.9500

NO.	DESCRIPTION	DATE	DRAWN	CHKD	APPVD
0	ISSUED FOR CONSTRUCTION	JULY 2010	JHS	RK	JFB
DRAWN BY	JHS	DATE	JULY 2010	SEAL	
CHECKED BY	RK	DATE	JULY 2010		
APPROVED BY	JFB	DATE	JULY 2010		
PROJECT MGR.	JFB	DATE	JULY 2010		



PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: 301 PLAINFIELD ROAD, SYRACUSE, NY 13212, (315) 451-9560
JOB: 444853
WIS:

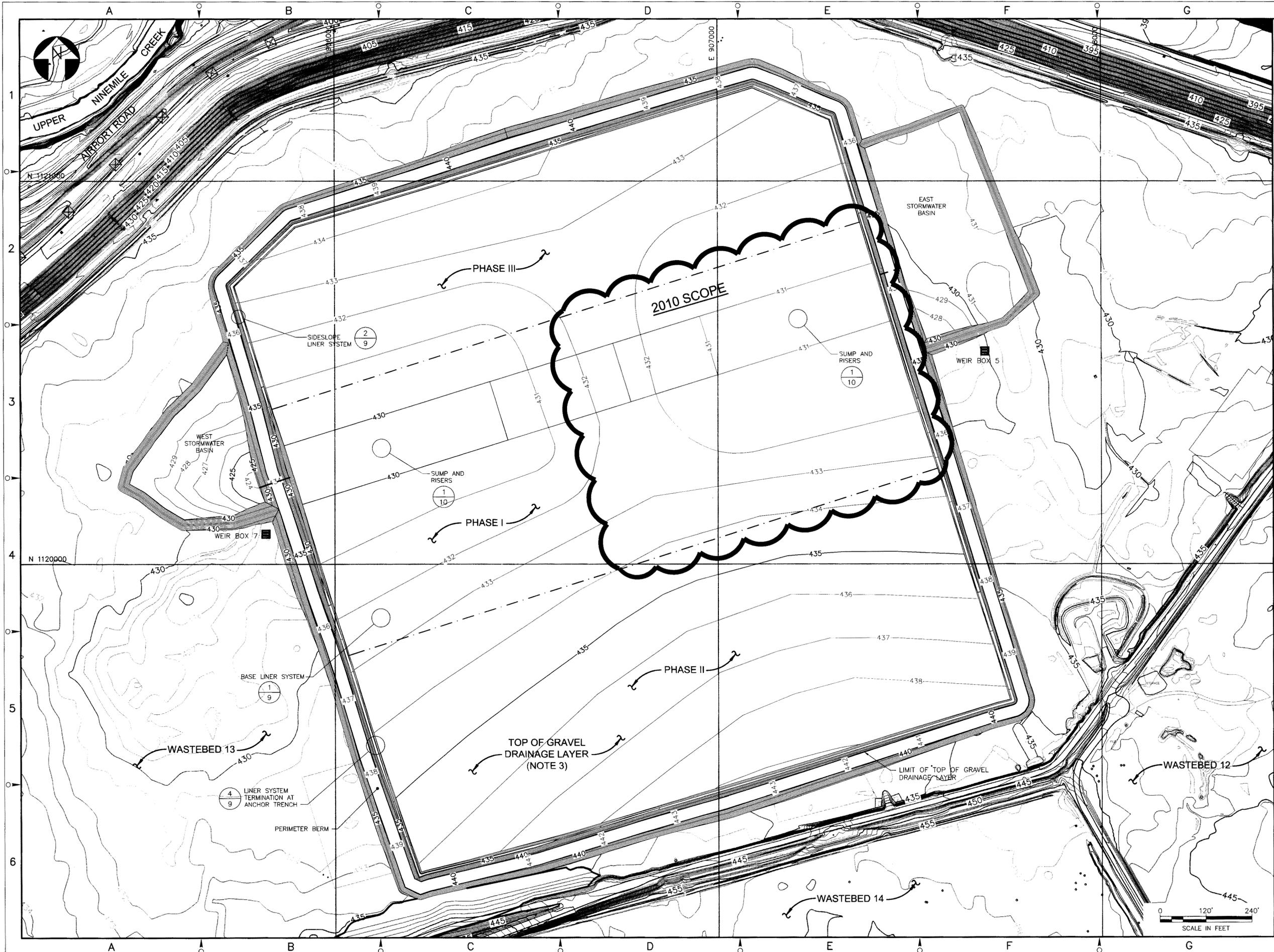
PROJECT TITLE:
Honeywell
SEDIMENT CONSOLIDATION AREA
ONONDAGA LAKE BOTTOM
SUBSITE REMEDIAL DESIGN

DRAWING TITLE:
BERM AND SUBGRADE
GRADING PLAN

SCALE: 1" = 120'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.: 444853-101-C-003
REV: 0

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- NOTES:
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 2. THE SCA DESIGN SHOWN ON THIS DRAWING IS FOR A CAPACITY OF UP TO 2.65 MILLION CUBIC YARDS.
 3. GRAVEL DRAINAGE LAYER THICKNESS WILL BE USED TO VERIFY THAT THE MINIMUM THICKNESS REQUIREMENTS ARE MET AS PRESENTED IN THE TECHNICAL SPECIFICATIONS. THE ELEVATION MEASUREMENTS OF THE TOP OF THE GRAVEL DRAINAGE LAYER TAKEN AFTER THE CONSTRUCTION SHALL BE USED TO VERIFY GENERAL CONFORMANCE WITH DESIGN SLOPES AS PRESENTED IN THE TECHNICAL SPECIFICATIONS. DUE TO THE COMPRESSIBLE NATURE OF THE FOUNDATION, A STRICT CONFORMANCE WITH THE DESIGN ELEVATIONS IS NOT REQUIRED.
 4. GRAVEL DRAINAGE LAYER MATERIAL CAN BE USED TO LOCALLY ADJUST THE SLOPES DURING FILLING OF GEOTEXTILE TUBES AS NEEDED.
 5. A MINIMUM OF 2 FT OF GRAVEL MATERIAL SHALL BE PLACED IN AREAS TRAFFICKED BY RUBBER-TIRED VEHICLES. THE GRAVEL CAN BE GRADED OUT WITH A BULLDOZER WHEN NO LONGER NEEDED.

LEGEND

	EXISTING GROUND ELEVATION (FEET) (NOTE 1)
	PROPOSED PERIMETER BERM
	EXISTING ROAD
	EXISTING WEIR BOX
	WEIR BOX 5
	PHASE BOUNDARY

Geosyntec
consultants
1255 ROBERTS BOULEVARD, N.W., SUITE 200
KENNESAW, GEORGIA 30144 USA
PHONE: 678.202.9500

ISSUED FOR CONSTRUCTION	JULY 2010	JHS	RK	JFB	
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD

DRAWN BY	JHS	DATE	JULY 2010	SEAL
CHECKED BY	RK	DATE	JULY 2010	
APPROVED BY	JFB	DATE	JULY 2010	
PROJECT MGR.	JFB	DATE	JULY 2010	



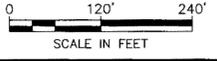
PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: 301 PLAINFIELD ROAD, SYRACUSE, NY 13212, (315) 451-9560
JOB: 444853
WBS:

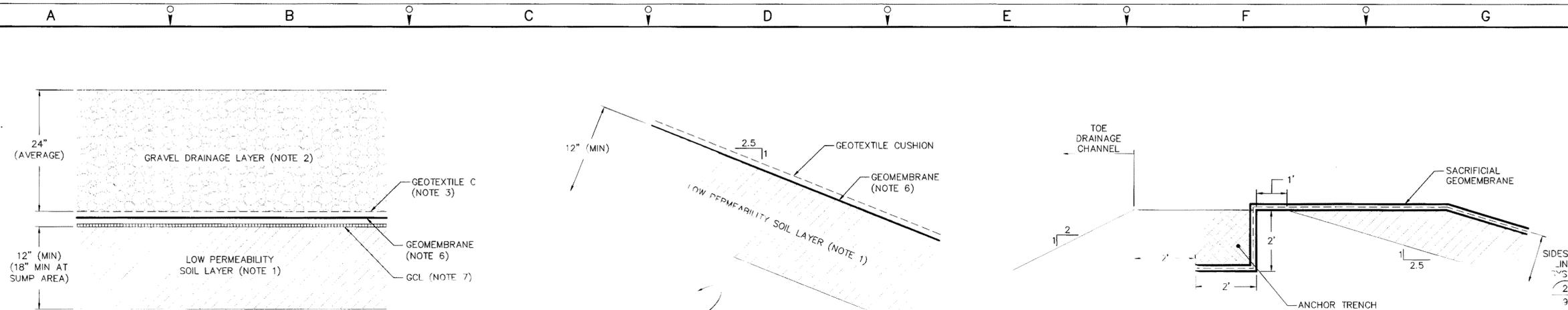
PROJECT TITLE: **Honeywell**
SEDIMENT CONSOLIDATION AREA
ONONDAGA LAKE BOTTOM
SUBSITE REMEDIAL DESIGN

DRAWING TITLE: **TOP OF GRAVEL DRAINAGE LAYER**

SCALE: SCALE: 1" = 120'
(IF PRINTED ON 22x34 SHEET)
DRAWING NO: 444853-101-C-006
REV: 0



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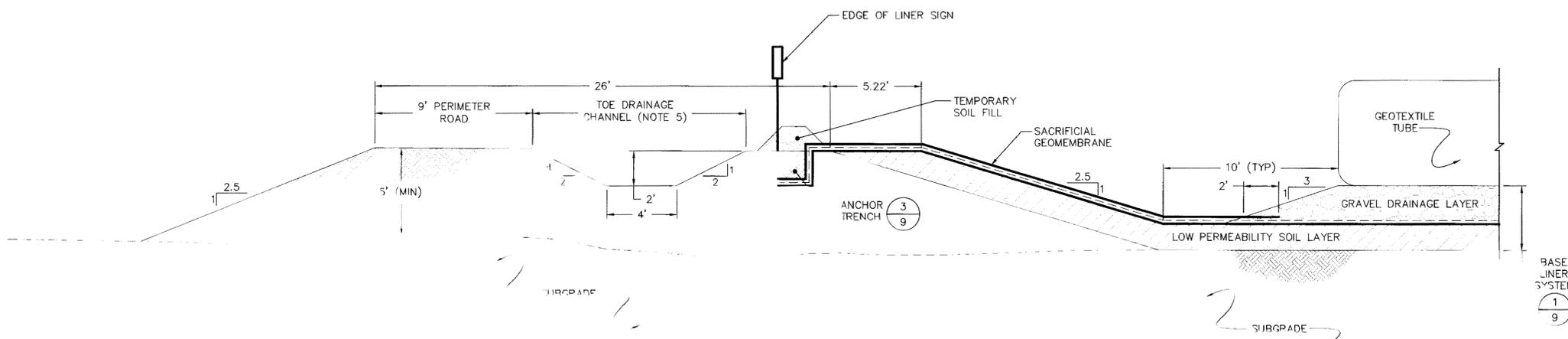


1
6 **DETAIL**
BASE LINER SYSTEM
SCALE: 1" = 1'
REF: 42902010

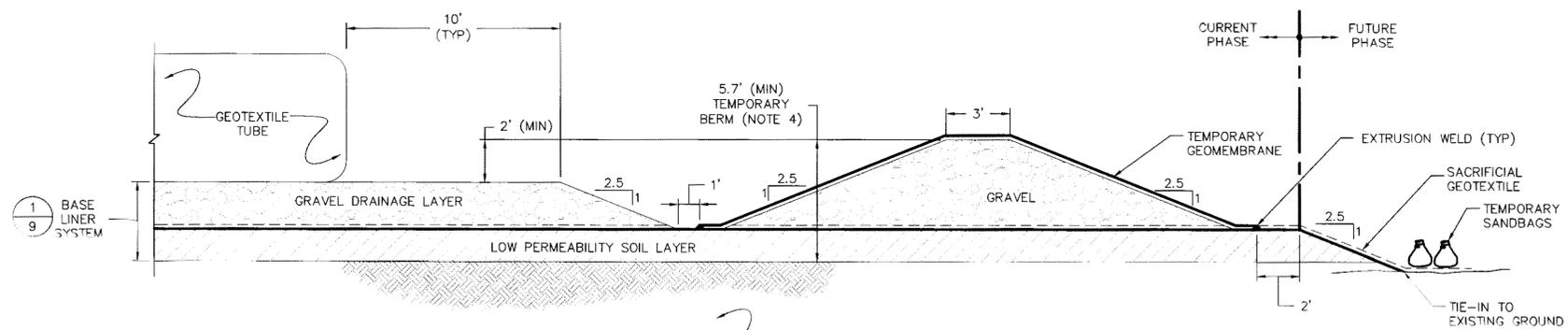
2
6 **DETAIL**
SIDESLOPE LINER SYSTEM
SCALE: 1" = 1'
REF: 42902010

3
9 **DETAIL**
ANCHOR TRENCH
SCALE: 1" = 2'
REF: 42902010

- NOTES:**
1. THE TOP SIX (6) INCHES OF THE LOW PERMEABILITY SOIL LAYER SHALL HAVE A HYDRAULIC CONDUCTIVITY NOT MORE THAN 1×10^{-6} CENTIMETER PER SECOND (CM/S) AND MEET ALL REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS.
 2. THE GRAVEL DRAINAGE LAYER SHALL HAVE A HYDRAULIC CONDUCTIVITY NOT LESS THAN 10 CENTIMETER PER SECOND (CM/S) AND MEET ALL REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS. THE GRAVEL DRAINAGE LAYER SHALL HAVE A MINIMUM THICKNESS OF ONE FOOT. ONLY LOW GROUND PRESSURE EQUIPMENT SHALL BE ALLOWED IN AREAS WITH LESS THAN TWO FEET GRAVEL THICKNESS.
 3. THE REQUIRED MINIMUM DENSITY FOR THE GEOTEXTILE CUSHION WILL BE DETERMINED BASED ON PUNCTURE TESTING USING THE SELECTED GRAVEL AND GEOMEMBRANE AND SHALL NOT BE LESS THAN 12 OZ PER YD².
 4. TEMPORARY BERM SHALL BE REMOVED TO TIE-IN LINER SYSTEM EXPANSION.
 5. TOE DRAINAGE CHANNEL CAN BE INSTALLED AT THE TIME OF CLOSURE.
 6. THE GEOMEMBRANE LINER SHALL BE 60 MIL LLDFE TEXTURED ON BOTH SIDES.
 7. A LAYER OF GCL SHALL BE PLACED DIRECTLY UNDER THE GEOMEMBRANE IN THE SUMP AND ADJACENT AREAS EXTENDING UP TO ELEVATION 424 FOR THE WESTERN SUMP AND ELEVATION 427 FOR THE EASTERN SUMP ON THE TOP OF LOW PERMEABILITY SOIL LINER CONTOURS SHOWN ON DRAWING 4.



4
6 **DETAIL**
LINER SYSTEM TERMINATION AT ANCHOR TRENCH
SCALE: 1" = 4'
REF: 42902010



5
4 **DETAIL**
LINER SYSTEM TERMINATION AT TEMPORARY BERM
SCALE: 1" = 4'
REF: 42902010

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KENNESAW, GEORGIA 30144 USA
PHONE: 678.202.9500

0	ISSUED FOR CONSTRUCTION	JULY 2010	JHS	RK	JFB
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NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
1					

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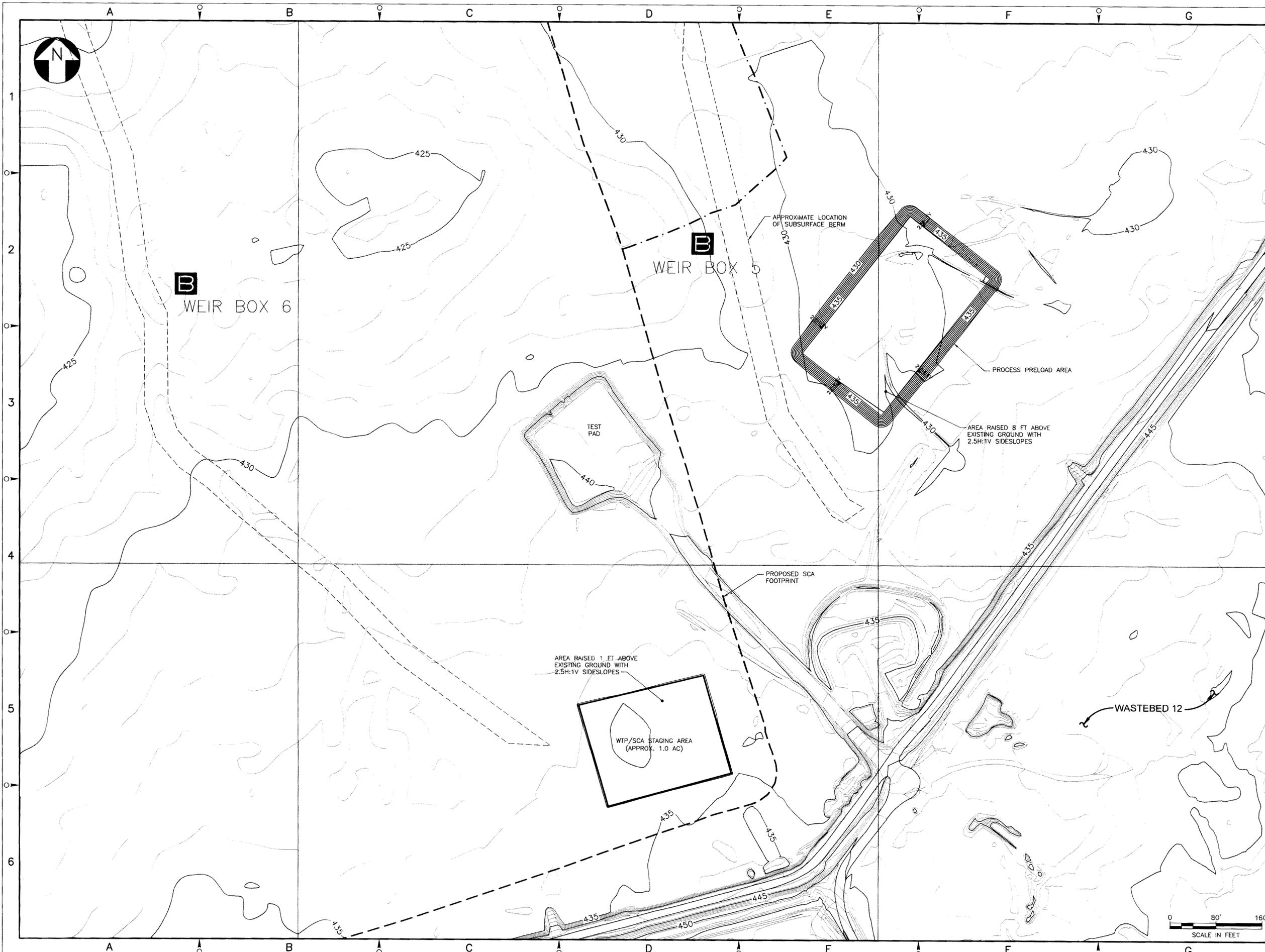
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WBS

Honeywell
SEDIMENT CONSOLIDATION AREA
ONONDAGA LAKE BOTTOM
SUBSITE REMEDIAL DESIGN

DRAWING TITLE
LINER SYSTEM DETAILS

SCALE: AS SHOWN (IF PRINTED ON 22x34 SHEET)
DRAWING NO: 444853-101-C-009
REV: 0

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- NOTES:**
1. THE TOPOGRAPHIC CONTOURS SHOWN ON THIS DRAWING WERE OBTAINED FROM A TOPOGRAPHIC MAP COMPILED BY TVGA CONSULTANTS USING PHOTOGRAMMETRIC METHODS BASED ON AERIAL PHOTOGRAPHY PERFORMED ON 6 APRIL 2008. THE MAP WAS COMPILED IN ACCORDANCE WITH NATIONAL MAP ACCURACY STANDARDS FOR 1" EQUAL TO 50 FEET SCALE. THE TOPOGRAPHIC MAP WAS PROVIDED TO GEOSYNTEC BY PARSONS.
 2. COORDINATES SHOWN HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND REFERENCED TO THE NORTH AMERICAN DATUM OF 1983/1996 (NAD 83/96) - NEW YORK STATE PLANE GRID, ZONE CENTRAL. ELEVATIONS SHOWN HEREIN ARE EXPRESSED IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
 3. A FIELD SURVEY SHOULD BE PERFORMED IF NEEDED BEFORE THE CONSTRUCTION OF DIFFERENT SCA PHASES.
 4. THE EXISTING LEACHATE CONTROL SYSTEM AND SPDES DISCHARGE POINT LOCATIONS WERE OBTAINED FROM A DRAWING PREPARED BY O'BRIEN AND GERE AND PROVIDED TO GEOSYNTEC BY PARSONS.

LEGEND

	430	EXISTING GROUND ELEVATION (FEET) (NOTE 1)
		EXISTING ROAD
		EXISTING WEIR BOX

ISSUED FOR SWPPP 7-24-10	
NO.	DESCRIPTION
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
PROJECT MGR.	DATE



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COMMERCIAL TECHNOLOGY GROUP

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JOB: 444853
WBS:

PROJECT TITLE:
Honeywell
SEDIMENT CONSOLIDATION AREA
ONONDAGA LAKE BOTTOM
SUBSITE REMEDIAL DESIGN

DRAWING TITLE:
GRADING PLAN FOR PROCESS
PRELOAD AND STAGING AREAS

SCALE: 1" = 80'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.: 444853-101-C-999
REV: -

