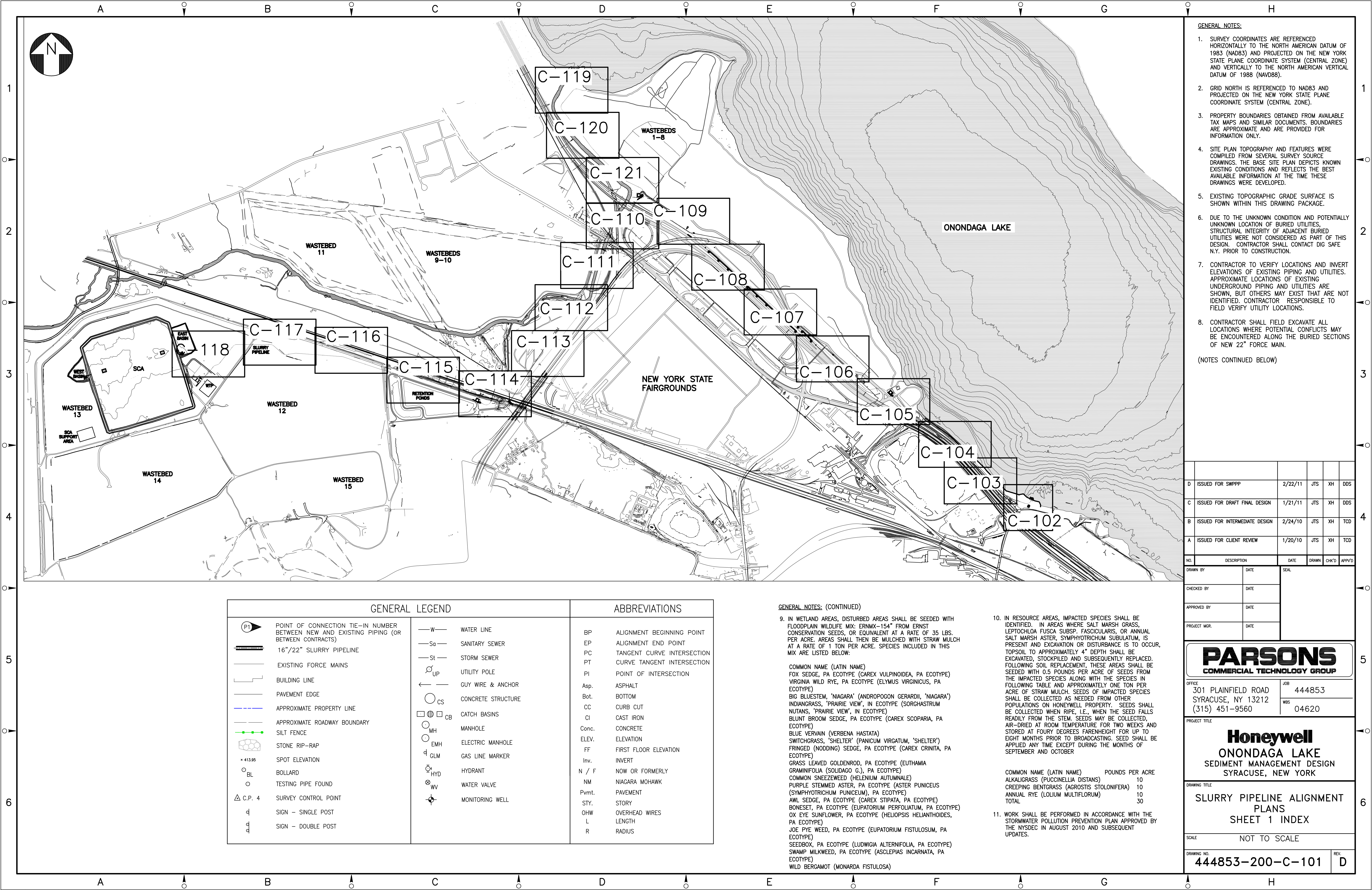


NOTICE: THE PROPERTY OF HONEYWELL IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



- GENERAL NOTES:
- SURVEY COORDINATES ARE REFERENCED HORIZONTALLY TO THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND PROJECTED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM (CENTRAL ZONE) AND VERTICALLY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88).
 - GRID NORTH IS REFERENCED TO NAD83 AND PROJECTED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM (CENTRAL ZONE).
 - PROPERTY BOUNDARIES OBTAINED FROM AVAILABLE TAX MAPS AND SIMILAR DOCUMENTS. BOUNDARIES ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATION ONLY.
 - SITE PLAN TOPOGRAPHY AND FEATURES WERE COMPILED FROM SEVERAL SURVEY SOURCE DRAWINGS. THE BASE SITE PLAN DEPICTS KNOWN EXISTING CONDITIONS AND REFLECTS THE BEST AVAILABLE INFORMATION AT THE TIME THESE DRAWINGS WERE DEVELOPED.
 - EXISTING TOPOGRAPHIC GRADE SURFACE IS SHOWN WITHIN THIS DRAWING PACKAGE.
 - DUE TO THE UNKNOWN CONDITION AND POTENTIALLY UNKNOWN LOCATION OF BURIED UTILITIES, STRUCTURAL INTEGRITY OF ADJACENT BURIED UTILITIES WERE NOT CONSIDERED AS PART OF THIS DESIGN. CONTRACTOR SHALL CONTACT DIG SAFE N.Y. PRIOR TO CONSTRUCTION.
 - CONTRACTOR TO VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING PIPING AND UTILITIES. APPROXIMATE LOCATIONS OF EXISTING UNDERGROUND PIPING AND UTILITIES ARE SHOWN, BUT OTHERS MAY EXIST THAT ARE NOT IDENTIFIED. CONTRACTOR RESPONSIBLE TO FIELD VERIFY UTILITY LOCATIONS.
 - CONTRACTOR SHALL FIELD EXCAVATE ALL LOCATIONS WHERE POTENTIAL CONFLICTS MAY BE ENCOUNTERED ALONG THE BURIED SECTIONS OF NEW 22" FORCE MAIN.
- (NOTES CONTINUED BELOW)

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

JOB: 444853
WBS: 04620

PROJECT TITLE

Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 1 INDEX

SCALE: NOT TO SCALE

DRAWING NO. **444853-200-C-101** REV. **D**

GENERAL LEGEND			ABBREVIATIONS	
	POINT OF CONNECTION TIE-IN NUMBER BETWEEN NEW AND EXISTING PIPING (OR BETWEEN CONTRACTS)		W	WATER LINE
" Slurry Pipeline"/>	16"/22" SLURRY PIPELINE		So	SANITARY SEWER
	EXISTING FORCE MAINS		St	STORM SEWER
	BUILDING LINE		UP	UTILITY POLE
	PAVEMENT EDGE		←	GUY WIRE & ANCHOR
	APPROXIMATE PROPERTY LINE		CS	CONCRETE STRUCTURE
	APPROXIMATE ROADWAY BOUNDARY		CB	CATCH BASINS
	SILT FENCE		MH	MANHOLE
	STONE RIP-RAP		EMH	ELECTRIC MANHOLE
	SPOT ELEVATION		GLM	GAS LINE MARKER
	BOLLARD		HYD	HYDRANT
	TESTING PIPE FOUND		WV	WATER VALVE
	SURVEY CONTROL POINT			MONITORING WELL
	SIGN - SINGLE POST			
	SIGN - DOUBLE POST			

GENERAL NOTES: (CONTINUED)

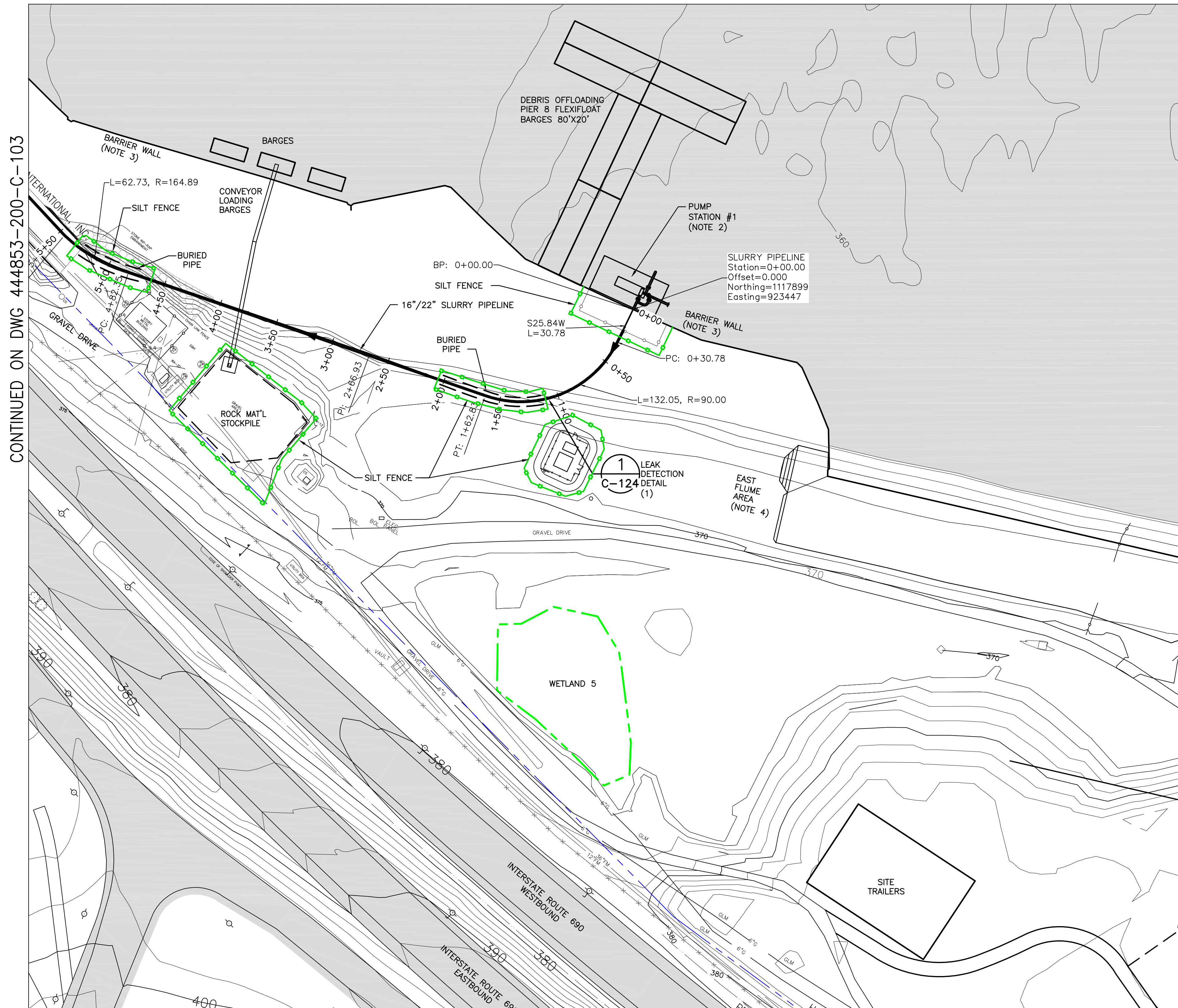

9. IN WETLAND AREAS, DISTURBED AREAS SHALL BE SEEDED WITH FLOODPLAIN WILDLIFE MIX: ERNMX-154" FROM ERNST CONSERVATION SEEDS, OR EQUIVALENT AT A RATE OF 35 LBS. PER ACRE. AREAS SHALL THEN BE MULCHED WITH STRAW MULCH AT A RATE OF 1 TON PER ACRE. SPECIES INCLUDED IN THIS MIX ARE LISTED BELOW:

COMMON NAME (LATIN NAME)
FOX SEDGE, PA ECOTYPE (CAREX VULPINOIDEA, PA ECOTYPE)
VIRGINIA WILD RYE, PA ECOTYPE (ELYMUS VIRGINICUS, PA ECOTYPE)
BIG BLUESTEM, 'NIAGARA' (ANDROPOGON GERARDII, 'NIAGARA')
INDIANGRASS, 'PRAIRIE VIEW', IN ECOTYPE (SORGHASTRUM NUTANS, 'PRAIRIE VIEW', IN ECOTYPE)
BLUNT BROOM SEDGE, PA ECOTYPE (CAREX SCOPARIA, PA ECOTYPE)
BLUE VERVAIN (VERBENA HASTATA)
SWITCHGRASS, 'SHELTER' (PANICUM VIRGATUM, 'SHELTER')
FRINGED (NODDING) SEDGE, PA ECOTYPE (CAREX CRINITA, PA ECOTYPE)
GRASS LEAVED GOLDENROD, PA ECOTYPE (EUTHAMIA GRAMINIFOLIA (SOLIDAGO G.), PA ECOTYPE)
COMMON SNEEZEWEED (HELENIUM AUTUMNALE)
PURPLE STEMMED ASTER, PA ECOTYPE (ASTER PUNICEUS (SYMPHYOTRICHUM PUNICEUM), PA ECOTYPE)
AWL SEDGE, PA ECOTYPE (CAREX STIPATA, PA ECOTYPE)
BONESET, PA ECOTYPE (EUPATORIUM PERFOOLIATUM, PA ECOTYPE)
OX EYE SUNFLOWER, PA ECOTYPE (HELIOPSIS HELIANTHOIDES, PA ECOTYPE)
JOE PYE WEED, PA ECOTYPE (EUPATORIUM FISTULOSUM, PA ECOTYPE)
SEEDBOX, PA ECOTYPE (LUDWIGIA ALTERNIFOLIA, PA ECOTYPE)
SWAMP MILKWEED, PA ECOTYPE (ASCLEPIAS INCARNATA, PA ECOTYPE)
WILD BERGAMOT (MONARDA FISTULOSA)

10. IN RESOURCE AREAS, IMPACTED SPECIES SHALL BE IDENTIFIED. IN AREAS WHERE SALT MARSH GRASS, LEPTOCHLOA FUSCA SUBSP. FASCICULARIS, OR ANNUAL SALT MARSH ASTER, SYMPHYOTRICHUM SUBULATUM, IS PRESENT AND EXCAVATION OR DISTURBANCE IS TO OCCUR, TOPSOIL TO APPROXIMATELY 4" DEPTH SHALL BE EXCAVATED, STOCKPILED AND SUBSEQUENTLY REPLACED. FOLLOWING SOIL REPLACEMENT, THESE AREAS SHALL BE SEEDED WITH 0.5 POUNDS PER ACRE OF SEEDS FROM THE IMPACTED SPECIES ALONG WITH THE SPECIES IN FOLLOWING TABLE AND APPROXIMATELY ONE TON PER ACRE OF STRAW MULCH. SEEDS OF IMPACTED SPECIES SHALL BE COLLECTED AS NEEDED FROM OTHER POPULATIONS ON HONEYWELL PROPERTY. SEEDS SHALL BE COLLECTED WHEN RIPE, I.E., WHEN THE SEED FALLS READILY FROM THE STEM. SEEDS MAY BE COLLECTED, AIR-DRIED AT ROOM TEMPERATURE FOR TWO WEEKS AND STORED AT FOUR DEGREES FARENHEIGHT FOR UP TO EIGHT MONTHS PRIOR TO BROADCASTING. SEED SHALL BE APPLIED ANY TIME EXCEPT DURING THE MONTHS OF SEPTEMBER AND OCTOBER

COMMON NAME (LATIN NAME)	POUNDS PER ACRE
ALKALIGRASS (PUCCINELLIA DISTANS)	10
CREeping BENTGRASS (AGROSTIS STOLONIFERA)	10
ANNUAL RYE (LOLIUM MULTIFLORUM)	10
TOTAL	30

11. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN APPROVED BY THE NYSDEC IN AUGUST 2010 AND SUBSEQUENT UPDATES.





CONTINUED ON DWG 444853-200-C-103

NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. SEE DRAWING 444853-200-C-401 FOR DETAILED CONFIGURATION AND LAYOUT OF BOOSTER PUMP STATION.
3. EXISTING GRADE CONTOURS PRIOR TO INSTALLATION OF BARRIER WALL ARE SHOWN. SITE RESTORATION OF THIS AREA ARE IN PROGRESS.
4. SEE DRAWINGS 43640003, SHEET 3 OF 23 FOR REVISED GENERAL GRADING PLAN WITHIN THE EAST FLUME AREA.
5. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND:

-  PROPERTY LINE
 WETLAND BOUNDARY
 SILT FENCE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS				
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS				
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD				
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD				
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD				
DRAWN BY		DATE	SEAL						
CHECKED BY		DATE							
APPROVED BY		DATE							
PROJECT MGR.		DATE							

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB	444853
WBS	04620

PROJECT TITLE

Honeywell

ONONDAGA LAKE

SEDIMENT MANAGEMENT DESIGN

SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 2

SCALE 1" = 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-102

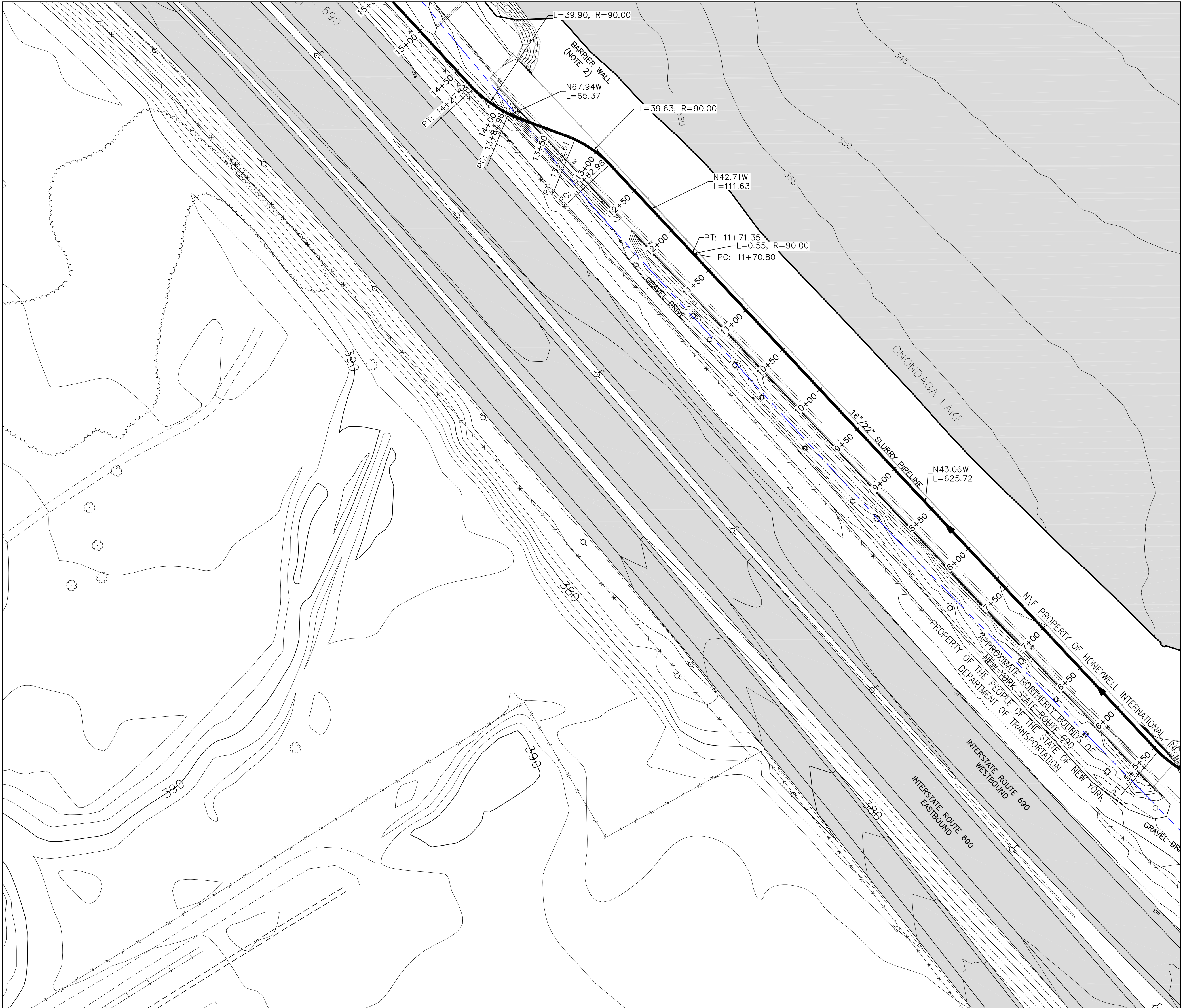
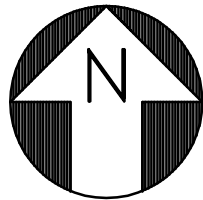
REV. D

FILE NAME: P:\HONEYWELL-SYR\444853 - LAKE DETAIL DESIGN\10 TECHNICAL CATEGORIES\10.1 CAD\DESIGN_TASK 200 SED-MGMT DESIGN\CWL\444853-200-C-101 TO 122.DWG
PLOT DATE: 2/23/2011 1:11 PM PLOTTED BY: SINALVA, JACK

50 25 0 50 100

SCALE: 1"=50'

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-102

- NOTES:
- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
 - EXISTING GRADE CONTOURS PRIOR TO INSTALLATION OF BARRIER WALL ARE SHOWN. SITE MODIFICATIONS AND RESTORATION OF THIS AREA ARE IN PROGRESS.

LEGEND:

----- PROPERTY LINE

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

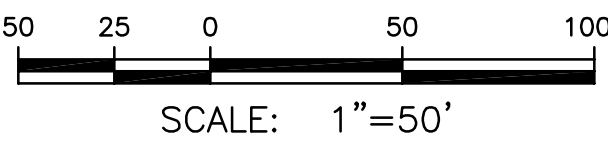
PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 3

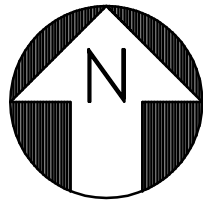
SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-103

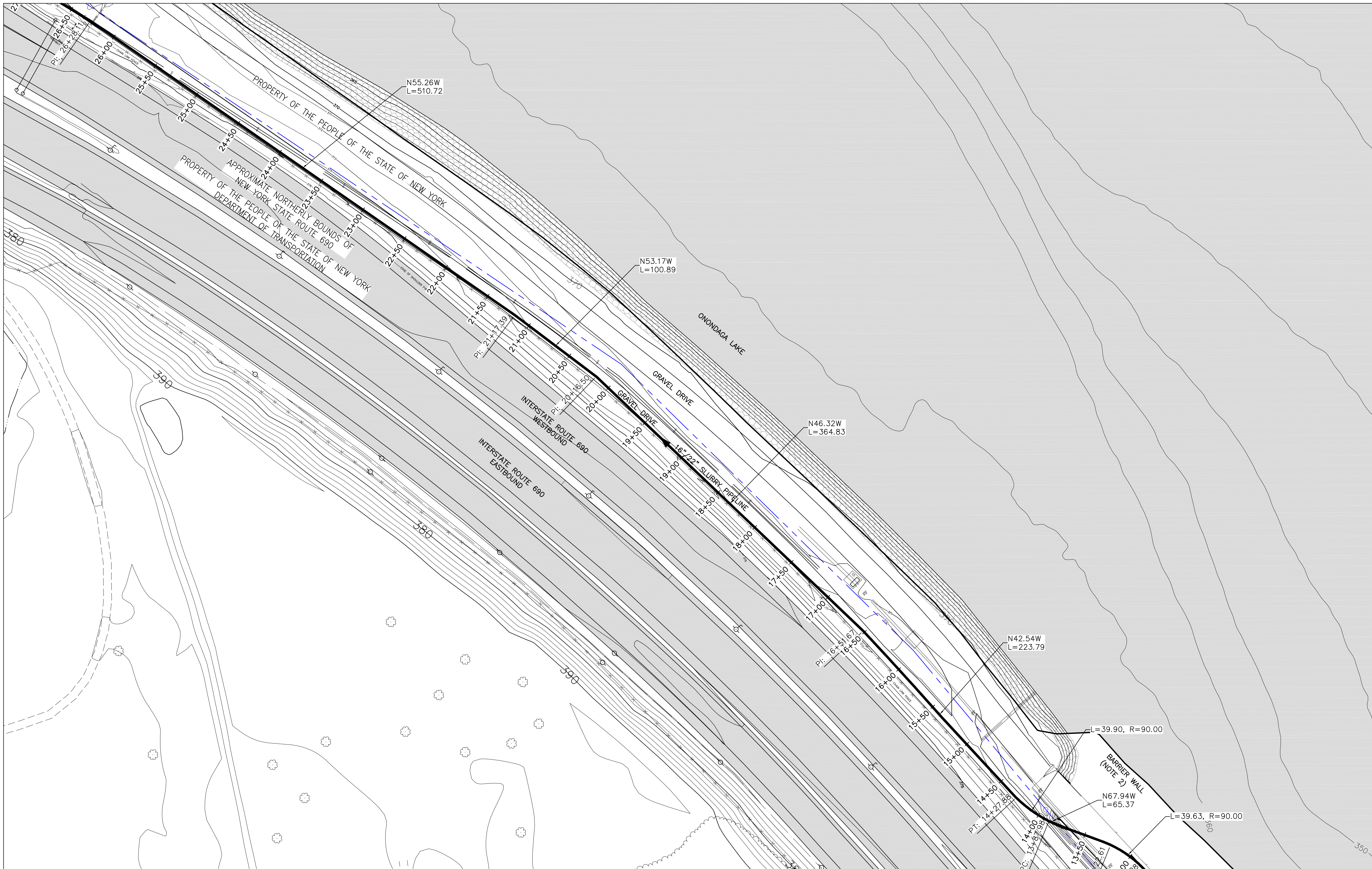
REV.
C



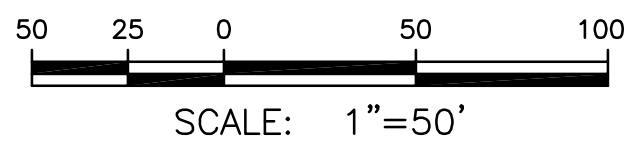
NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-105



CONTINUED ON DWG 444853-200-C-103



NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. EXISTING GRADE CONTOURS PRIOR TO INSTALLATION OF BARRIER WALL ARE SHOWN. SITE MODIFICATIONS AND RESTORATION OF THIS AREA ARE IN PROGRESS.

LEGEND:

--- PROPERTY LINE

C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

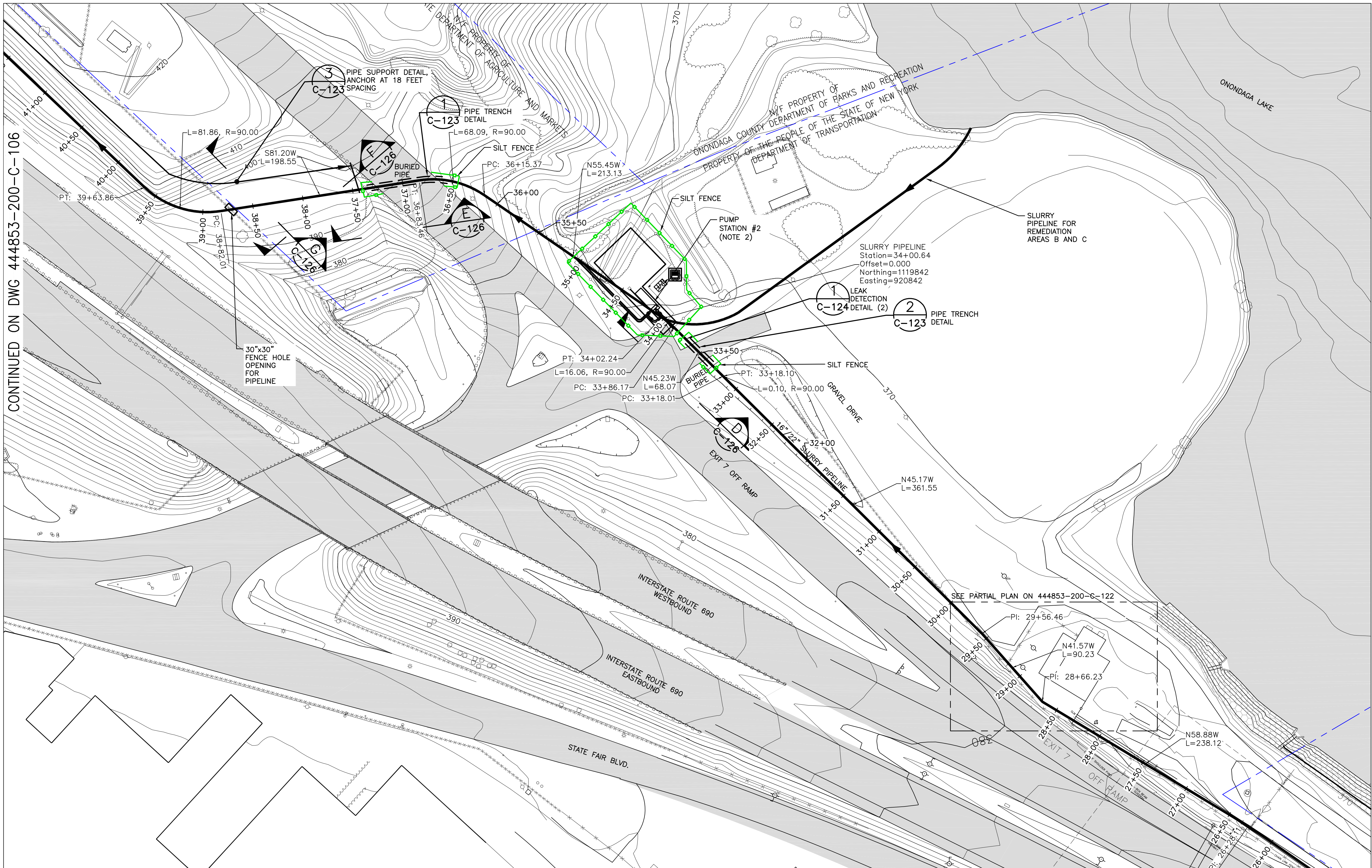
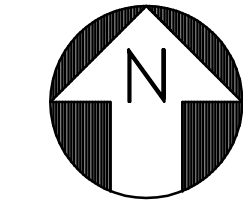
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 4

SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-104

REV.
C

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN SHALL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
- SEE DRAWING 444853-200-C-402 FOR DETAILED CONFIGURATION AND LAYOUT OF BOOSTER PUMP STATION.
- SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.
- SEE DRAWING 444853-200-C-406 FOR PIPELINE ANCHOR EROSION AND SEDIMENT CONTROL MEASURES NOTE.

LEGEND:

--- PROPERTY LINE

--- SILT FENCE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY		DATE	SEAL		
CHECKED BY		DATE			
APPROVED BY		DATE			
PROJECT MGR.		DATE			

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

JOB: 444853
WBS: 04620

Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE

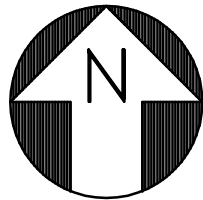
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 5

SCALE: 1"= 50'
(IF PRINTED ON 22x34 SHEET)

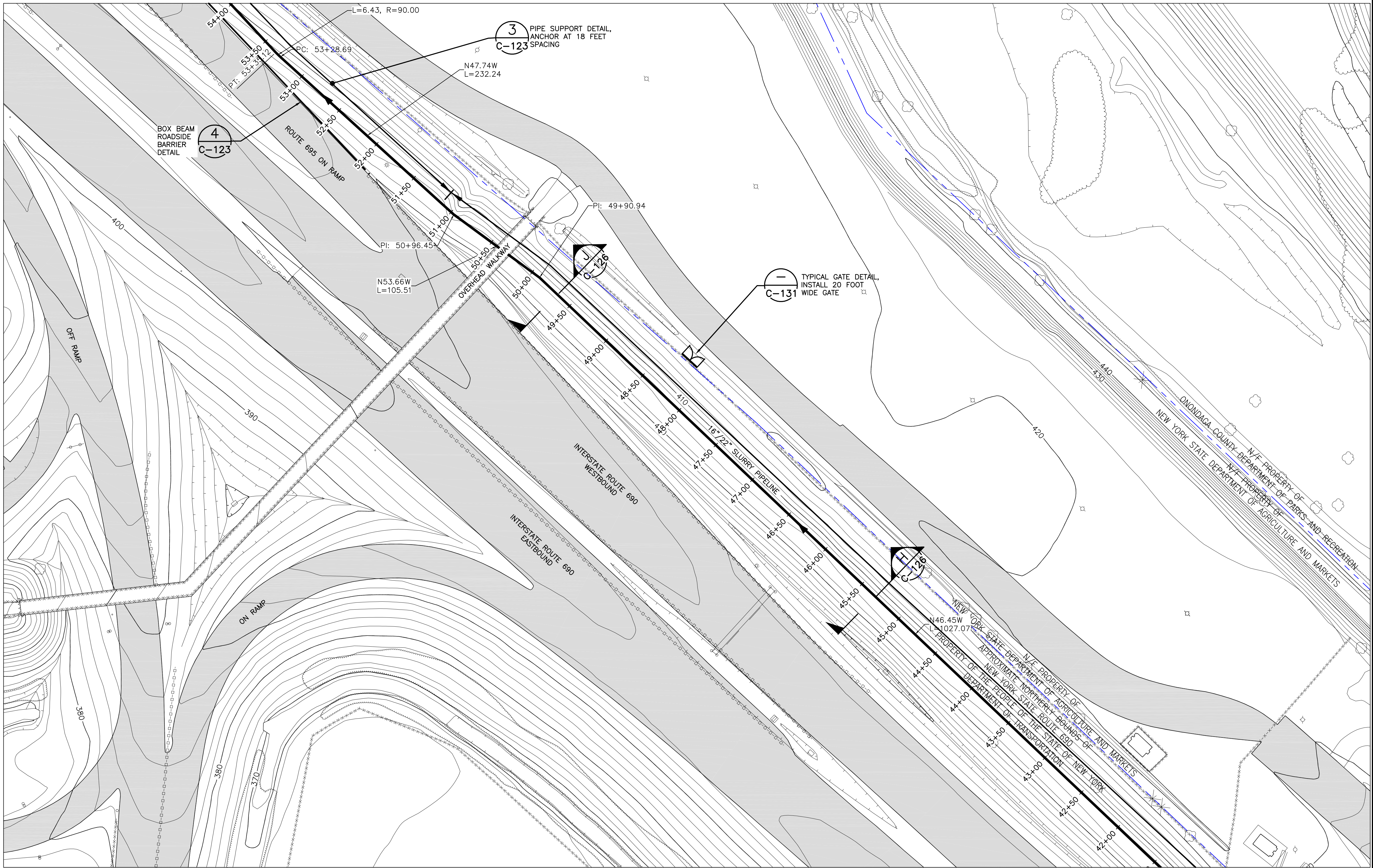
DRAWING NO. **444853-200-C-105**

REV. **D**

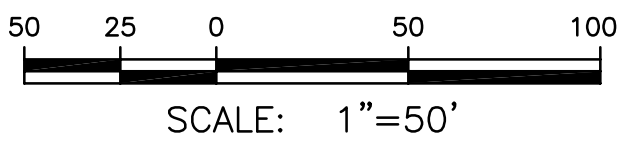
NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-107



CONTINUED ON DWG 444853-200-C-105



NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. SEE DRAWING 444853-200-C-406 FOR PIPELINE ANCHOR EROSION AND SEDIMENT CONTROL MEASURES NOTE.

LEGEND:

--- PROPERTY LINE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

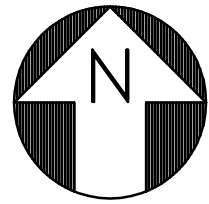
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 6

SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

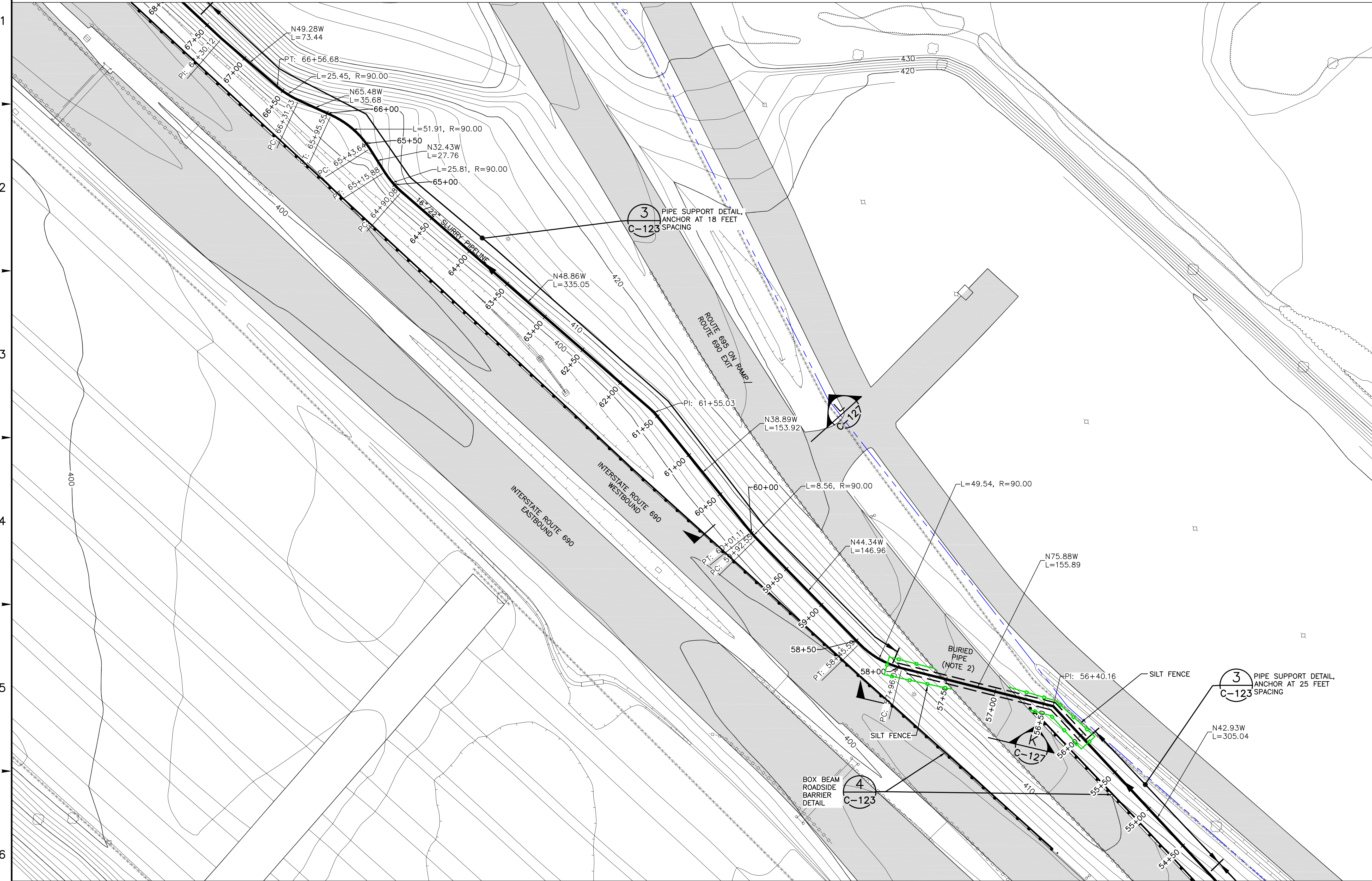
DRAWING NO.
444853-200-C-106

REV.
D

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN SHALL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-108



CONTINUED ON DWG 444853-200-C-106

NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. BURIED PIPELINE BELOW EXIT RAMP WILL BE INSTALLED USING TRENCHLESS TECHNOLOGY. DETAILED INSTALLATION WILL BE IN ACCORDANCE WITH NYSDOT REQUIREMENTS.
3. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.
4. SEE DRAWING 444853-200-C-406 FOR PIPELINE ANCHOR EROSION AND SEDIMENT CONTROL MEASURES NOTE.

LEGEND:

- PROPERTY LINE
- SILT FENCE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

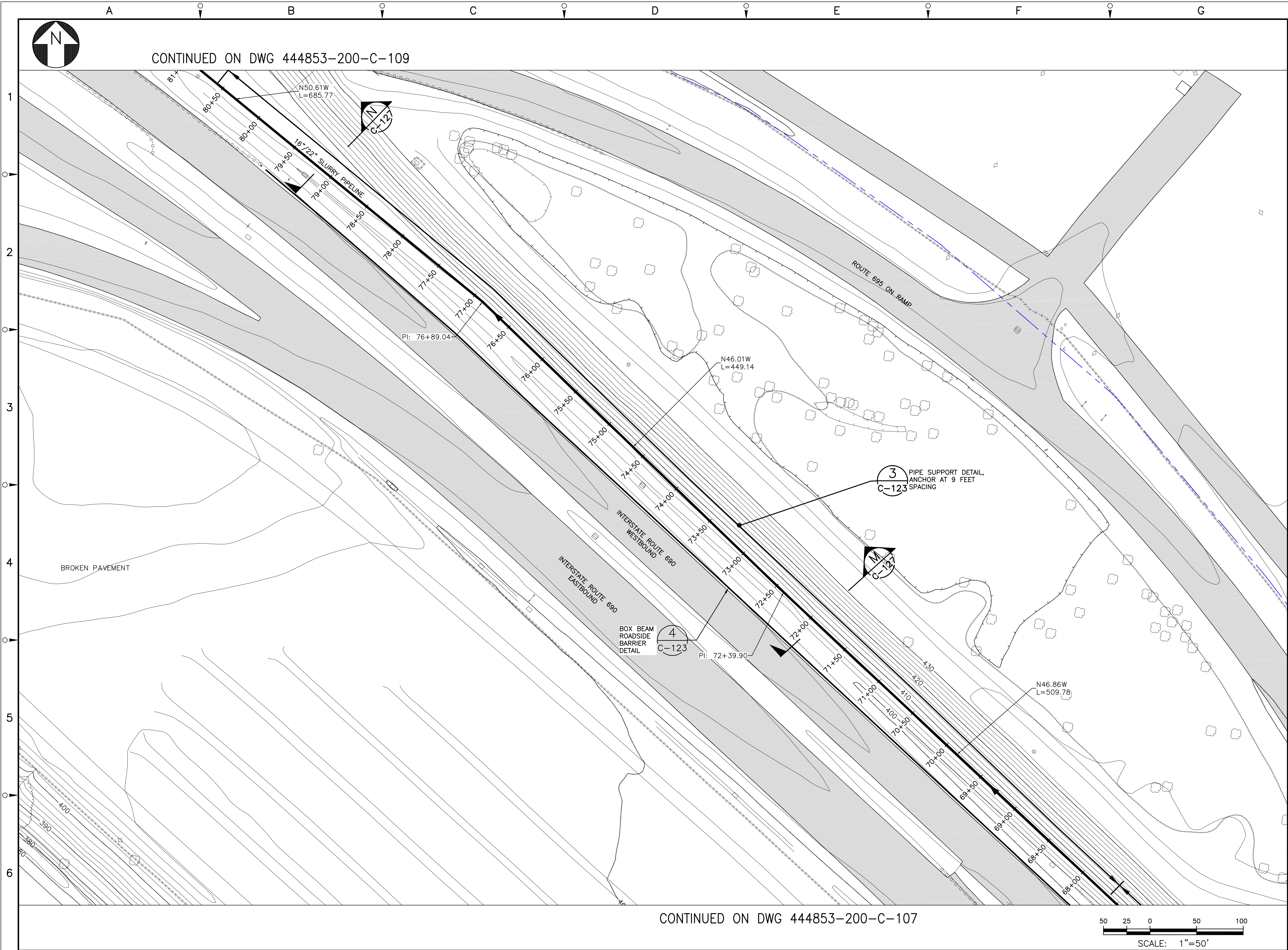
OFFICE 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560	JOB 444853 WBS 04620
---	-------------------------------

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 7

SCALE SCALE 1"= 50' (IF PRINTED ON 22x34 SHEET)	REV. D
---	-----------

NOTICE: THIS DRAWING IS THE PROPERTY OF HONEYWELL. IT IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-109

NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
- SEE DRAWING 444853-200-C-406 FOR PIPELINE ANCHOR EROSION AND SEDIMENT CONTROL MEASURES NOTE.

LEGEND:

----- PROPERTY LINE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'D

PARSONS

COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853

WBS
04620

PROJECT TITLE

Honeywell

ONONDAGA LAKE

SEDIMENT MANAGEMENT DESIGN

SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE ALIGNMENT PLANS

SHEET 8

SCALE

SCALE 1"= 50'

(IF PRINTED ON 22x34 SHEET)

DRAWING NO.

444853-200-C-108

REV.

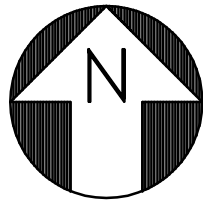
D

CONTINUED ON DWG 444853-200-C-107

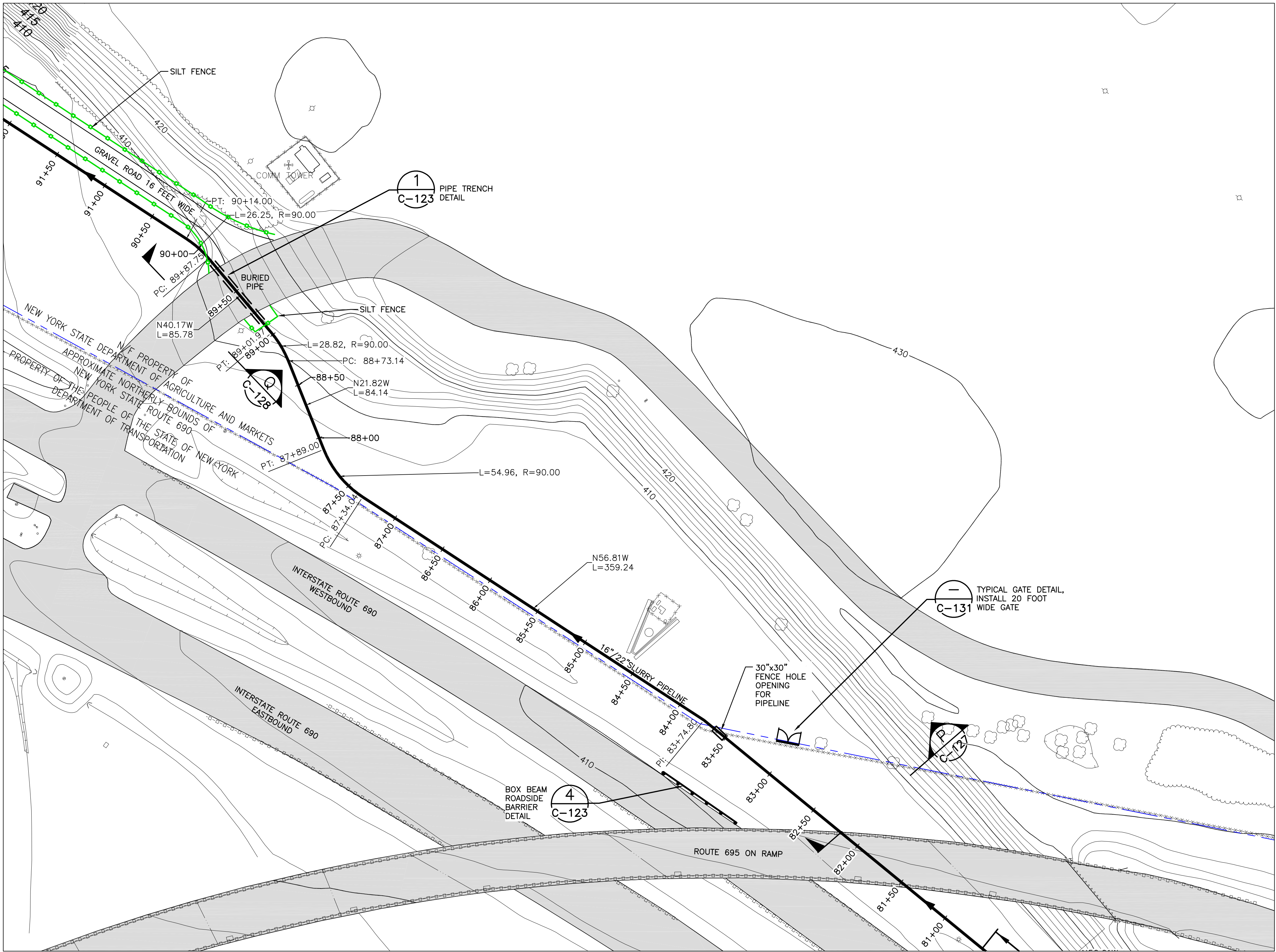
50 25 0 50 100

SCALE: 1"=50'

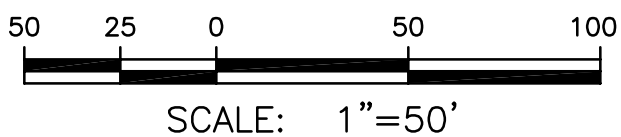
NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-110



CONTINUED ON DWG 444853-200-C-108



NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.
3. SEE DRAWING 444853-200-C-406 FOR PIPELINE ANCHOR EROSION AND SEDIMENT CONTROL MEASURES NOTE.

LEGEND:

- PROPERTY LINE
- SILT FENCE

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

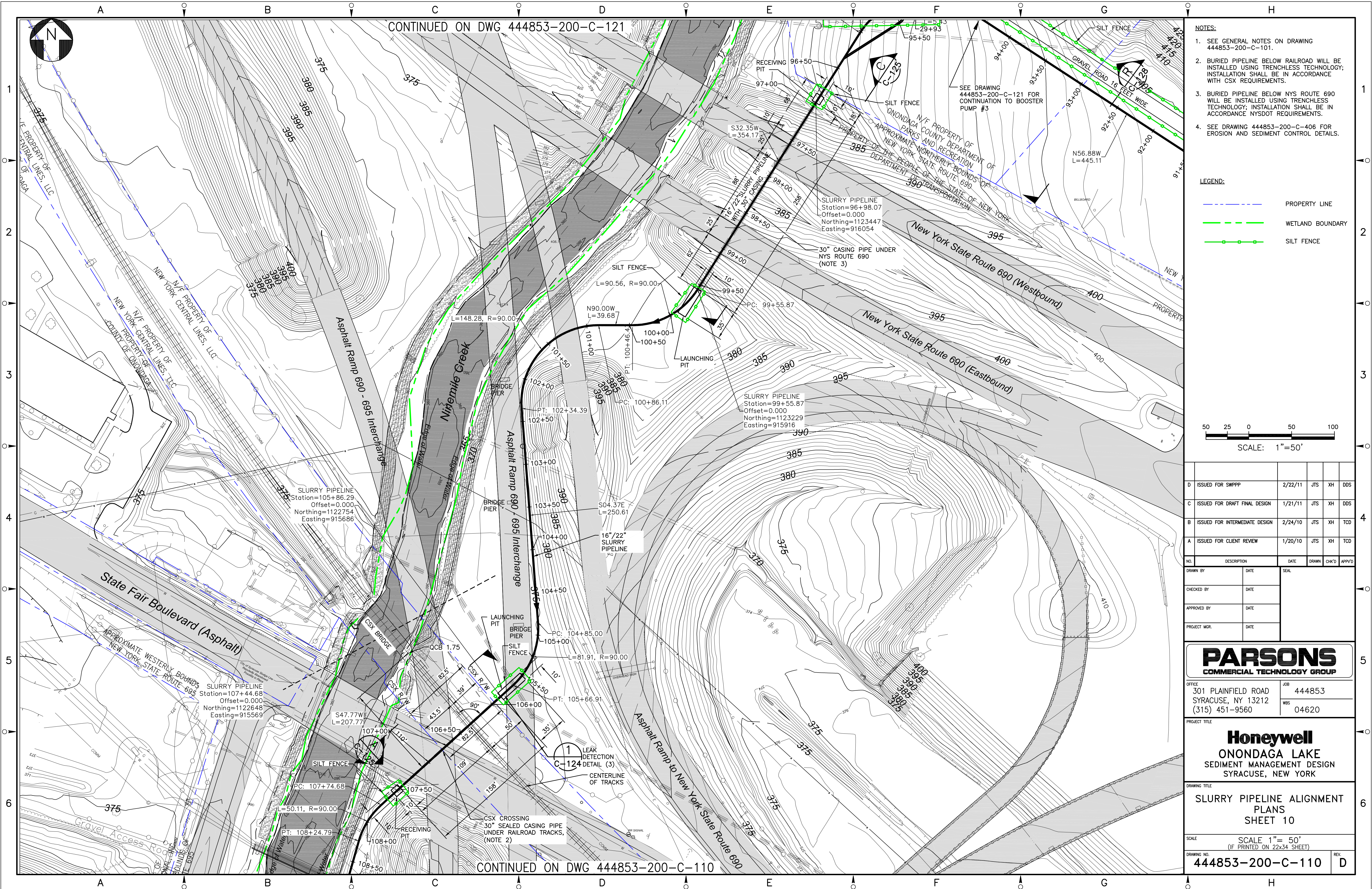
DRAWING TITLE
**SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 9**

SCALE
SCALE 1" = 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-109

REV.
D

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



- NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
 2. BURIED PIPELINE BELOW RAILROAD WILL BE INSTALLED USING TRENCHLESS TECHNOLOGY; INSTALLATION SHALL BE IN ACCORDANCE WITH CSX REQUIREMENTS.
 3. BURIED PIPELINE BELOW NYS ROUTE 690 WILL BE INSTALLED USING TRENCHLESS TECHNOLOGY; INSTALLATION SHALL BE IN ACCORDANCE WITH NYSOT REQUIREMENTS.
 4. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

- LEGEND:
- PROPERTY LINE
 - WETLAND BOUNDARY
 - SILT FENCE

SCALE: 1"=50'

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

JOB: 444853
WBS: 04620

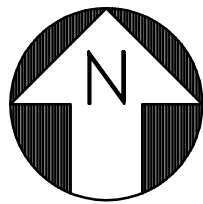
PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 10

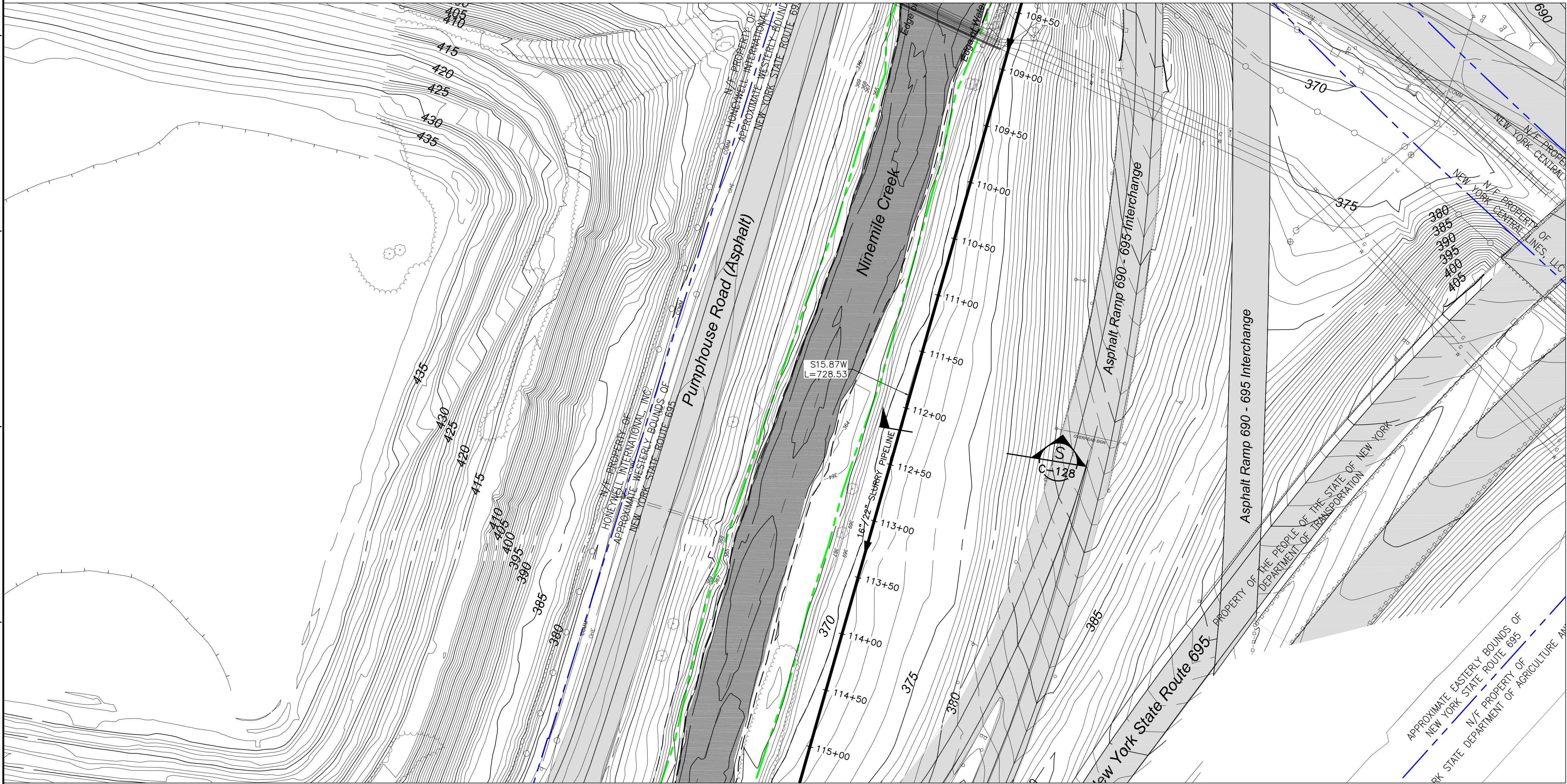
SCALE: SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. **444853-200-C-110** REV. **D**

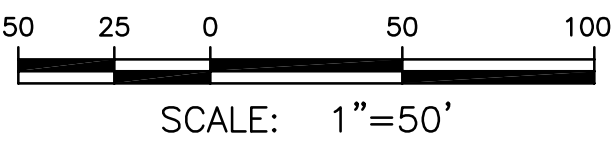
NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-110



CONTINUED ON DWG 444853-200-C-112



NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.

LEGEND:

- PROPERTY LINE
- WETLAND BOUNDARY

C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DI
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TO
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TO

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE	301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560	JOB	444853
WBS	04620		

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

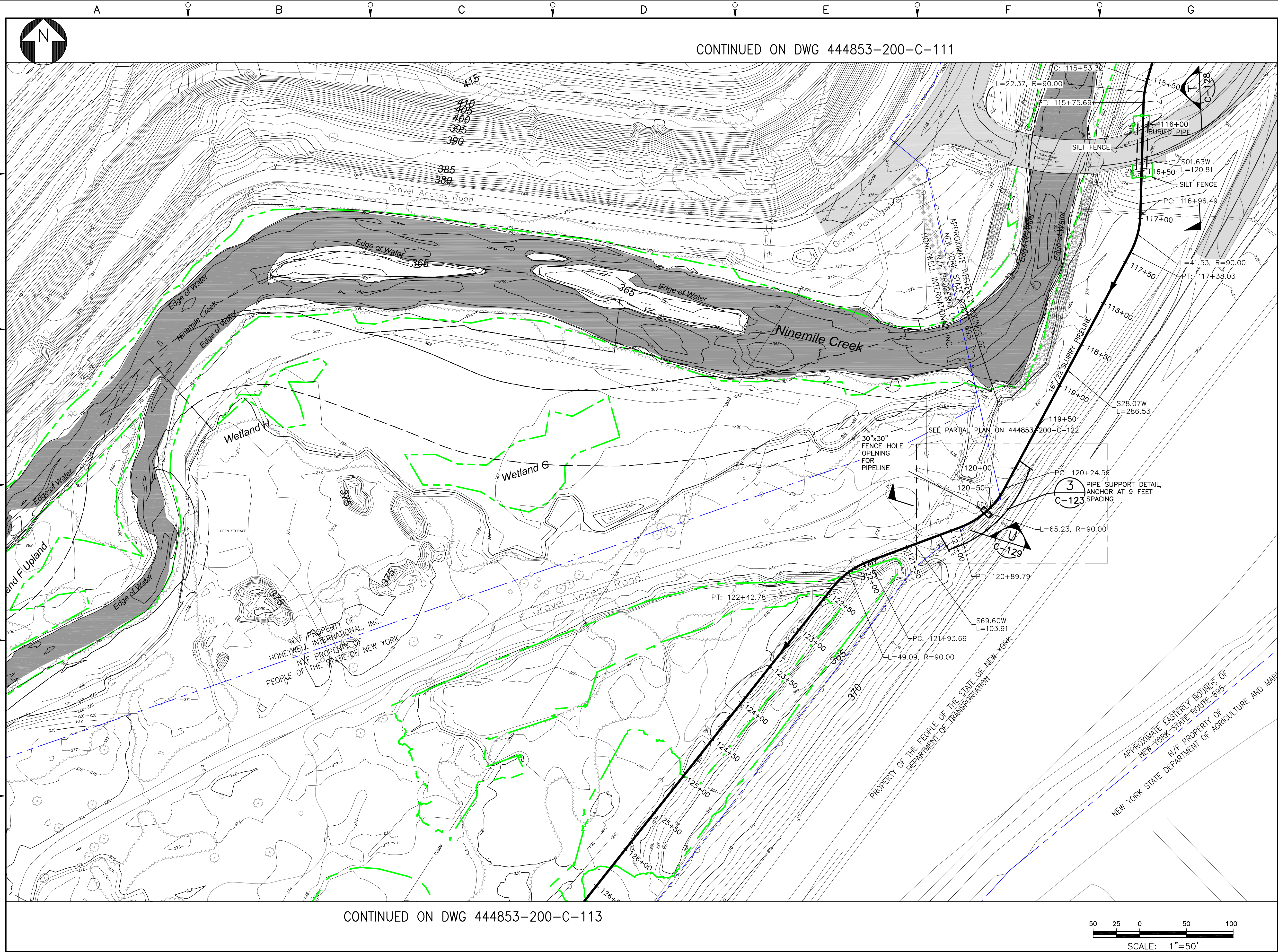
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 11

SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-111

REV.
C

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN SHALL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-111

CONTINUED ON DWG 444853-200-C-113

NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.
3. SEE DRAWING 444853-200-C-406 FOR PIPELINE ANCHOR EROSION AND SEDIMENT CONTROL MEASURES NOTE.

LEGEND:

- PROPERTY LINE
- WETLAND BOUNDARY
- SILT FENCE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

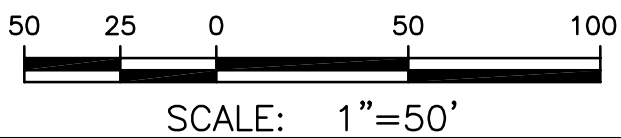
PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: 301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
JOB: 444853
WBS: 04620

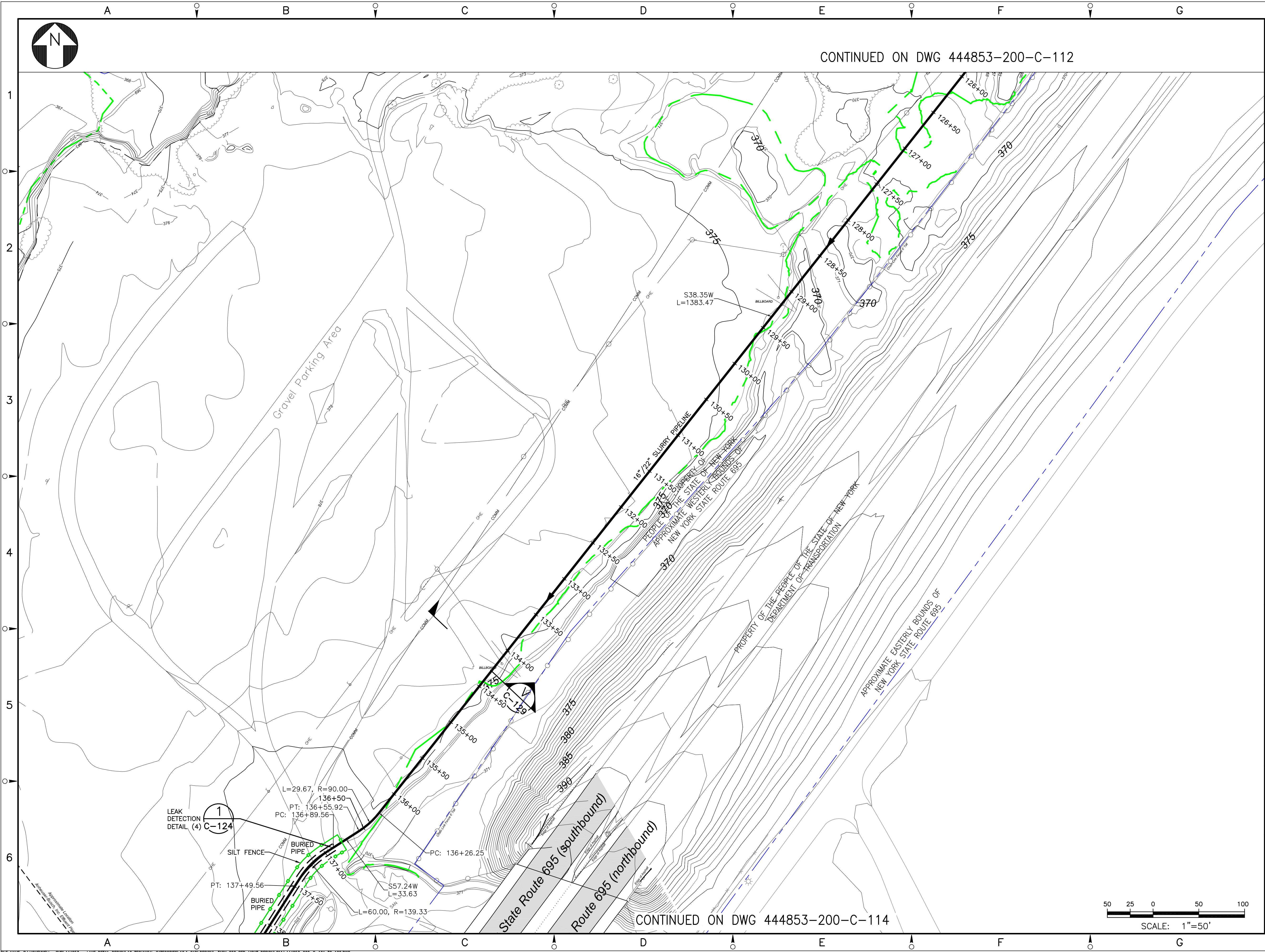
PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 12

SCALE: SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
DRAWING NO. **444853-200-C-112**
REV. **D**



NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-112

LEGEND:

- PROPERTY LINE
- WETLAND BOUNDARY
- SILT FENCE

NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
- SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'Y'D
D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'Y'D
1	LEAK DETECTION DETAIL (4) C-124				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

JOB: 444853
WBS: 04620

PROJECT TITLE: Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

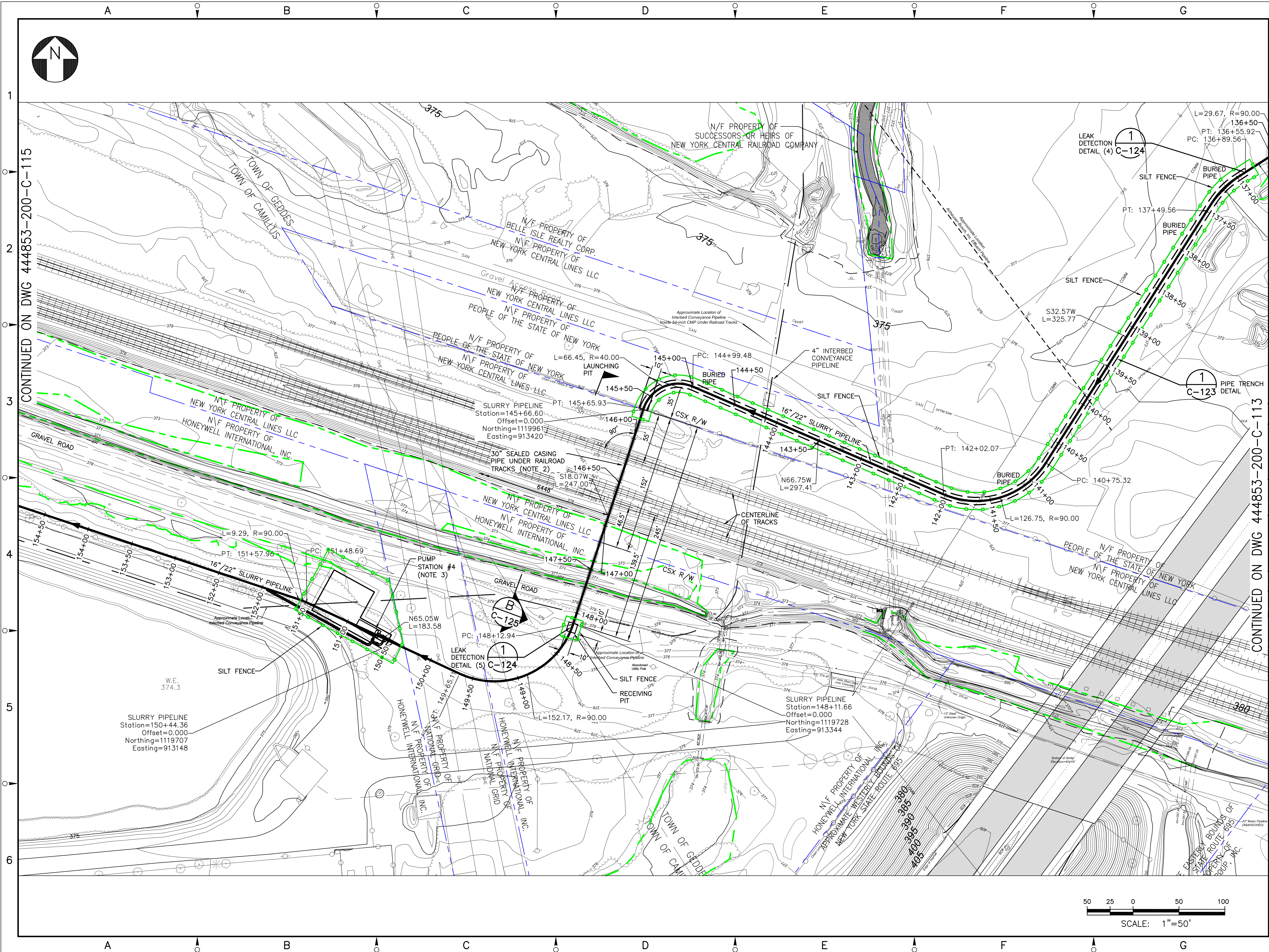
DRAWING TITLE: SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 13

SCALE: SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. 444853-200-C-113

REV. D

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN SHALL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



- NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
 2. BURIED PIPELINE BELOW RAILROAD WILL BE INSTALLED USING TRENCHLESS TECHNOLOGY IN ACCORDANCE WITH CSX REQUIREMENTS.
 3. SEE DRAWING 444853-200-C-404 FOR DETAILED CONFIGURATION AND LAYOUT OF BOOSTER PUMP STATION.
 4. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

- LEGEND:
- PROPERTY LINE
 - WETLAND BOUNDARY
 - SILT FENCE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'Y'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

JOB: 444853
WBS: 04620

Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

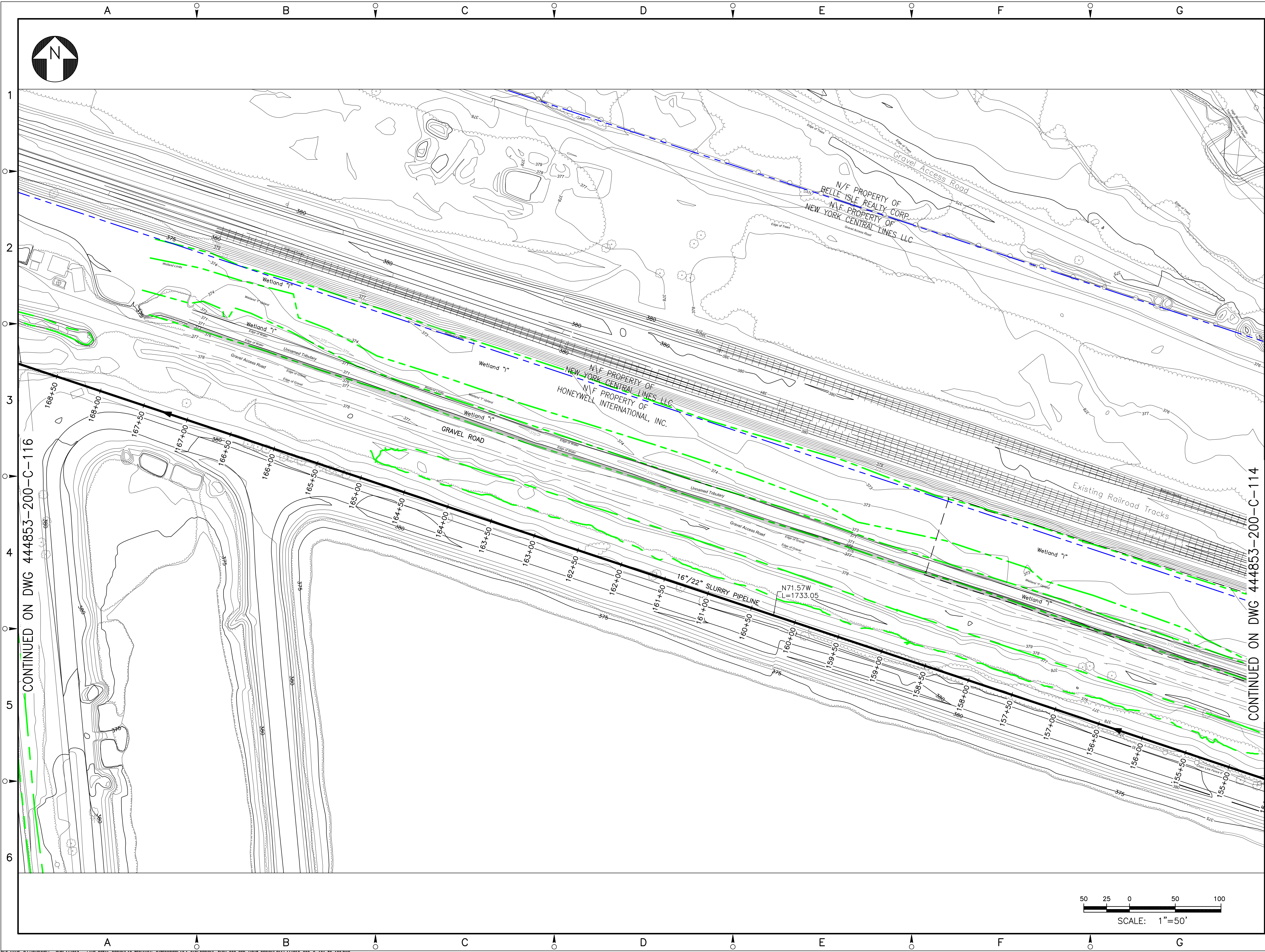
DRAWING TITLE
**SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 14**

SCALE: 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. **444853-200-C-114**

REV. **D**

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DRAWING WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.

LEGEND:

- PROPERTY LINE
- WETLAND BOUNDARY

C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'Y'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560	JOB 444853 WBS 04620
---	-------------------------------

PROJECT TITLE

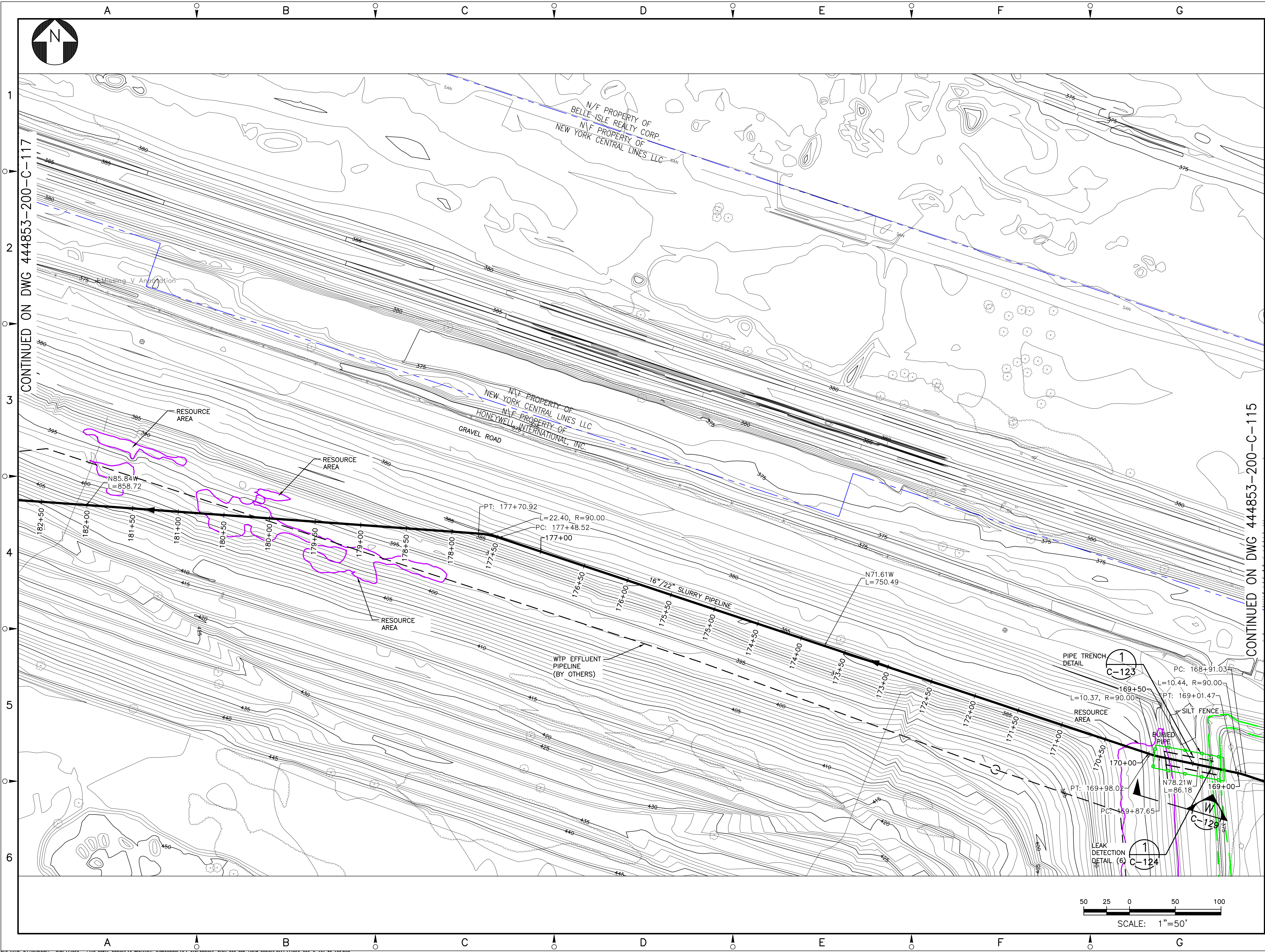
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 15

SCALE DRAWING NO. 444853-200-C-115	SCALE 1"= 50' (IF PRINTED ON 22x34 SHEET)	REV. C
---	--	------------------

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN MUST BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



- NOTES:
- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
 - SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND:

	PROPERTY LINE
	WETLAND BOUNDARY
	RESOURCE AREA
	SILT FENCE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	IN PROGRESS REVISION	1/20/10	JTS	XH	TCD

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853

WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

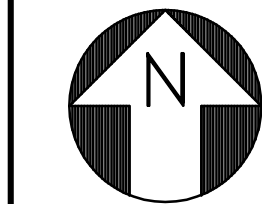
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 16

SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-116

REV.
D

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-118

CONTINUED ON DWG 444853-200-C-116

NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND:

- PROPERTY LINE
- WETLAND BOUNDARY
- RESOURCE AREA
- SILT FENCE

D	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 17

SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-117

REV.
D

50 25 0 50 100
SCALE: 1"=50'

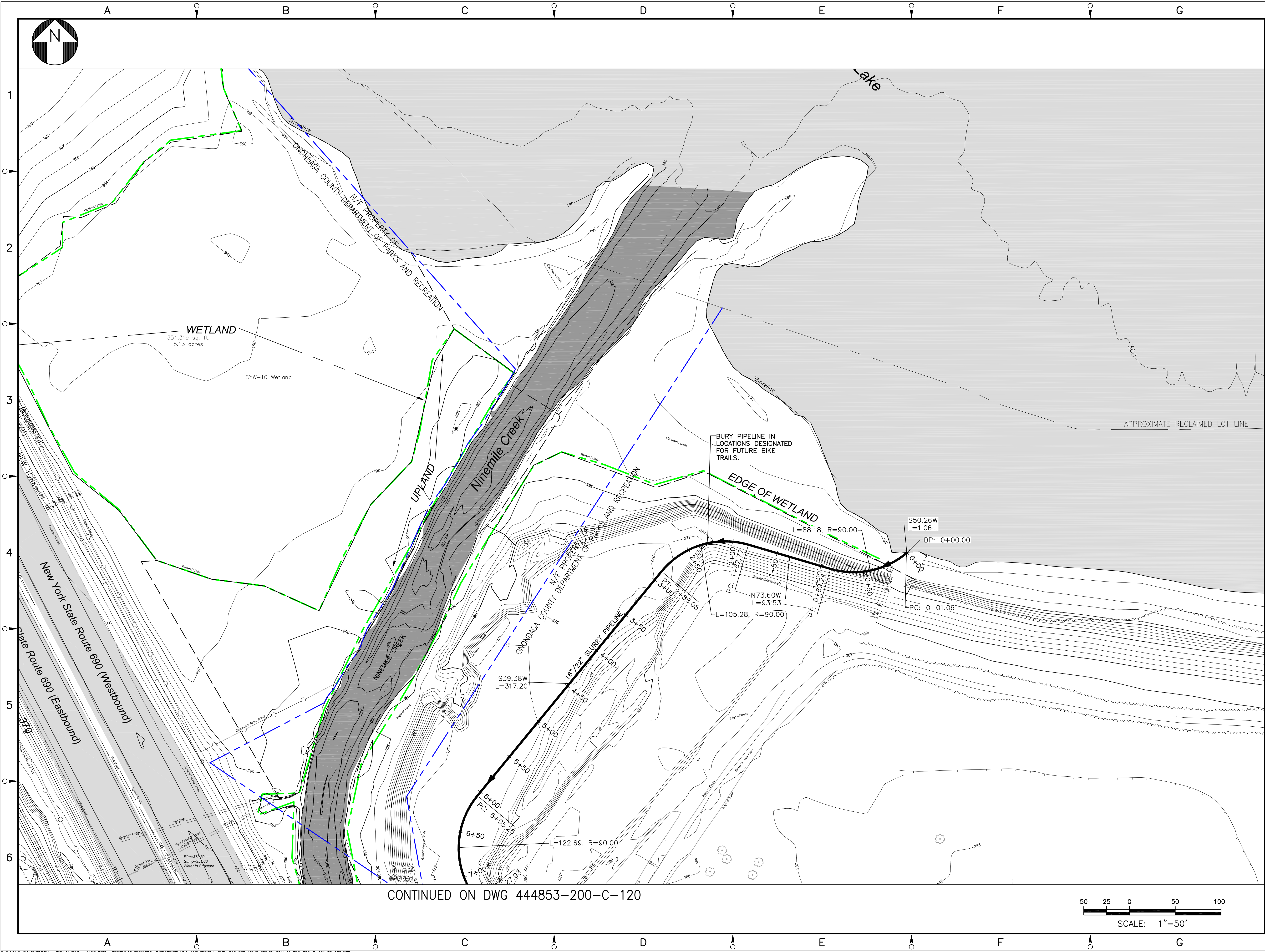
Engineering plan view of a 16" / 22" SLURRY PIPELINE. The drawing shows the pipeline route from station 196+50 to 206+67.20, passing through a SLURRY PROCESS AREA and near an EAST BASIN. Key features include stationing, curve data (e.g., PC: 198+04.20, L=80.97, R=90.00), slope indicators (e.g., S38.45W, L=402.22), and a PIPE TRENCH DETAIL callout. A north arrow and a scale bar (1" = 50') are also present.

SCALE		SCALE 1" = 50' (IF PRINTED ON 22x34 SHEET)
DRAWING NO. 444853-200-C-118		REV. A

50 25 0 50 100

SCALE: 1"=50'

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.

LEGEND:

--- PROPERTY LINE

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS

DRAWN BY	DATE	SEAL
CHECKED BY	DATE	
APPROVED BY	DATE	
PROJECT MGR.	DATE	

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

JOB: 444853
WBS: 04620

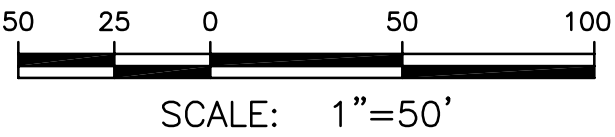
PROJECT TITLE:
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK


DRAWING TITLE:
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 19

SCALE: SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. **444853-200-C-119** REV. **A**

CONTINUED ON DWG 444853-200-C-120



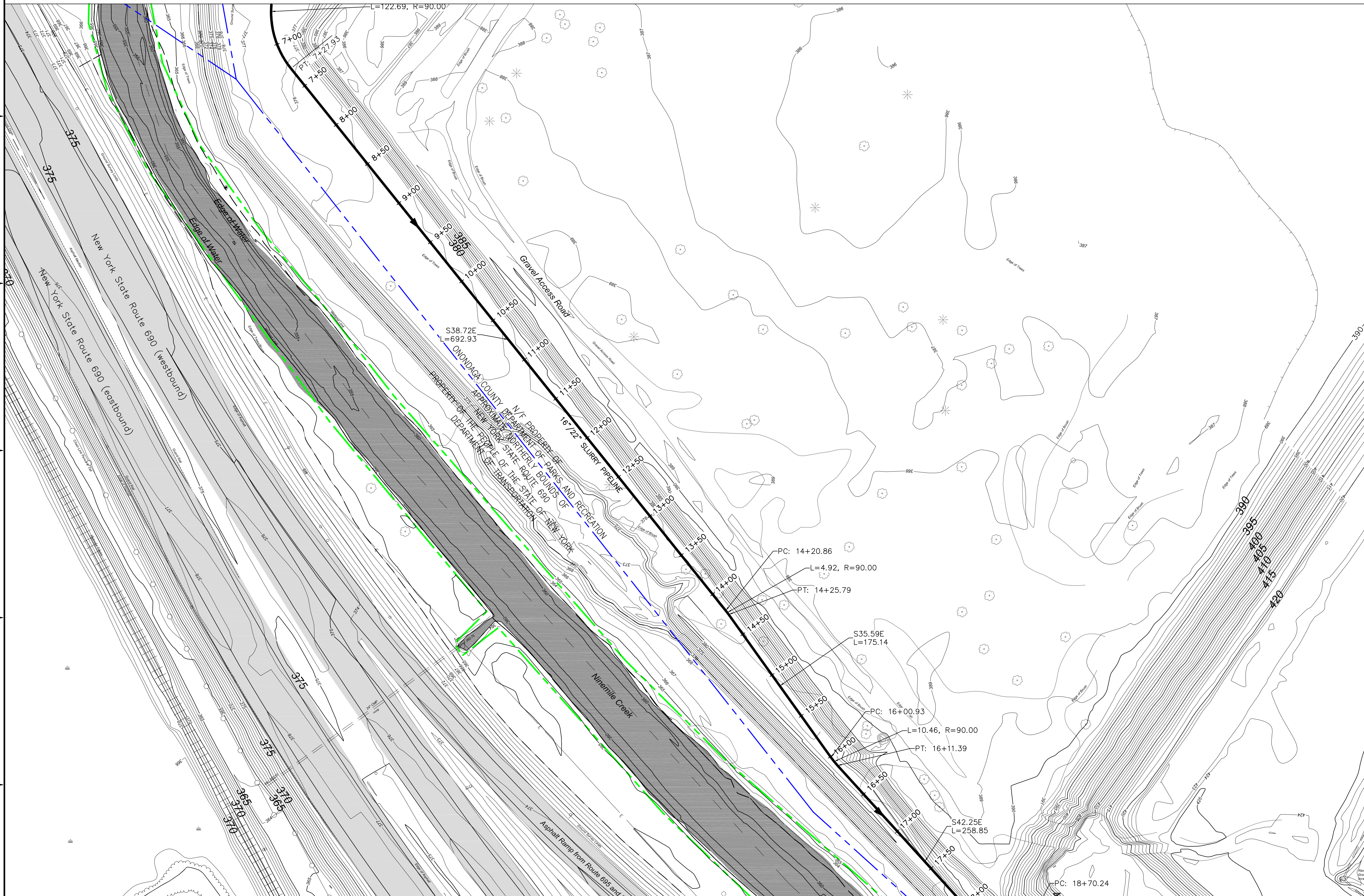


NOTES:

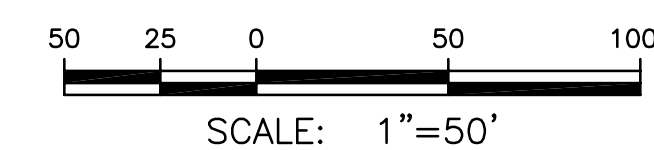
1. SEE GENERAL NOTES ON DRAWING
444853-200-C-101.

LEGEND:

----- PROPERTY LINE



CONTINUED ON DWG 444853-200-C-121



PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE	JOB
301 PLAINFIELD ROAD	444853
SYRACUSE, NY 13212	
(315) 451-9560	WBS
	04620

PROJECT TITLE

Honeywell

ONONDAGA LAKE

SEDIMENT MANAGEMENT DESIGN

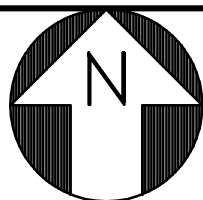
SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 20

SCALE	SCALE 1" = 50' (IF PRINTED ON 22x34 SHEET)	
DRAWING NO.	444853-200-C-120	REV. A

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



CONTINUED ON DWG 444853-200-C-120

CONTINUED ON DWG 444853-200-C-110

NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. SEE DRAWING 444853-200-C-403 FOR DETAILED CONFIGURATION AND LAYOUT OF BOOSTER PUMP STATION.
3. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND:

- PROPERTY LINE
- SILT FENCE

B	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS	
A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS	
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD	
DRAWN BY	DATE	SEAL				
CHECKED BY	DATE					
APPROVED BY	DATE					
PROJECT MGR.	DATE					

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

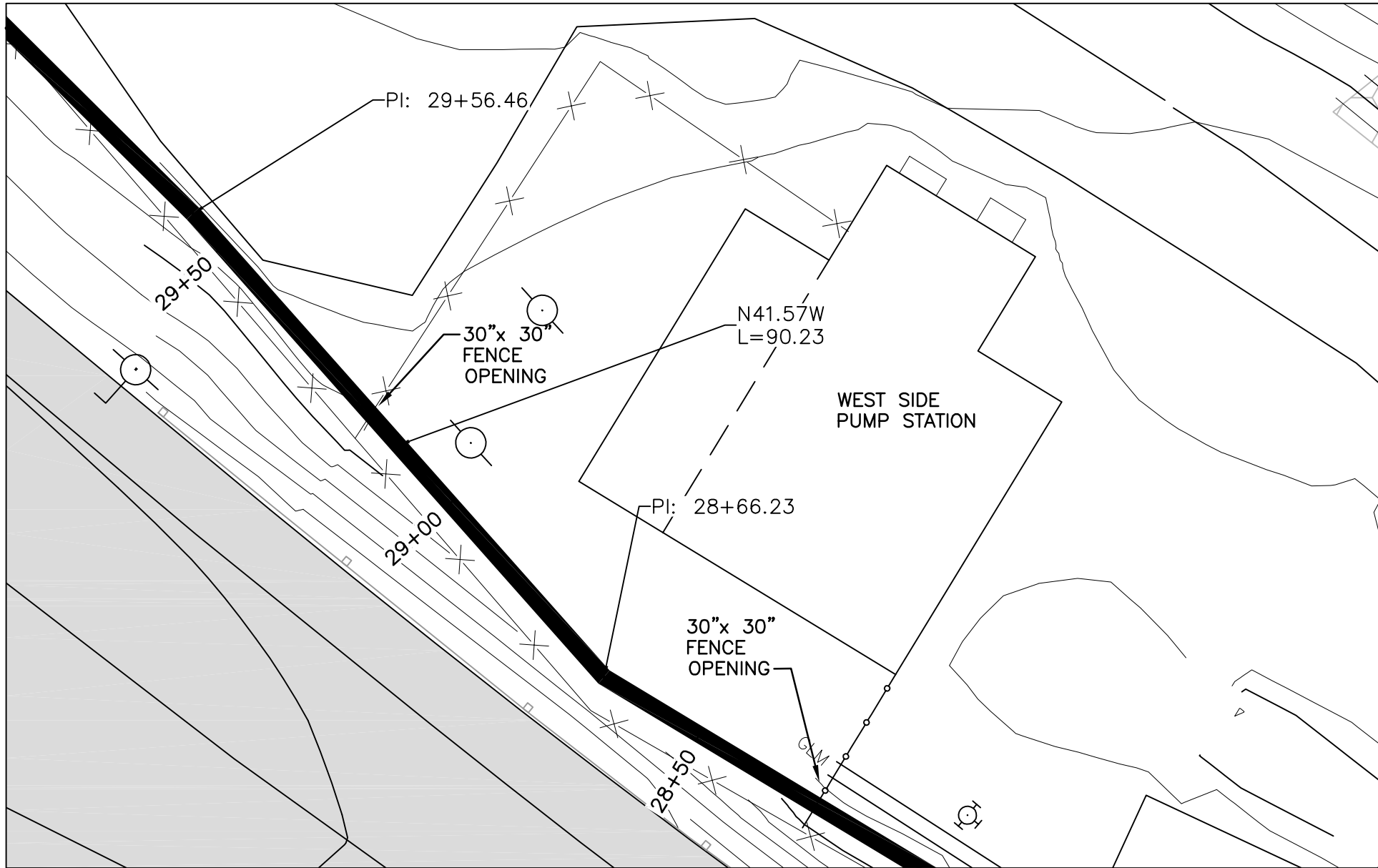
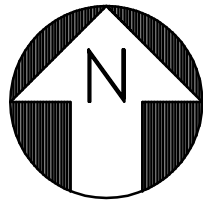
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 21

SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

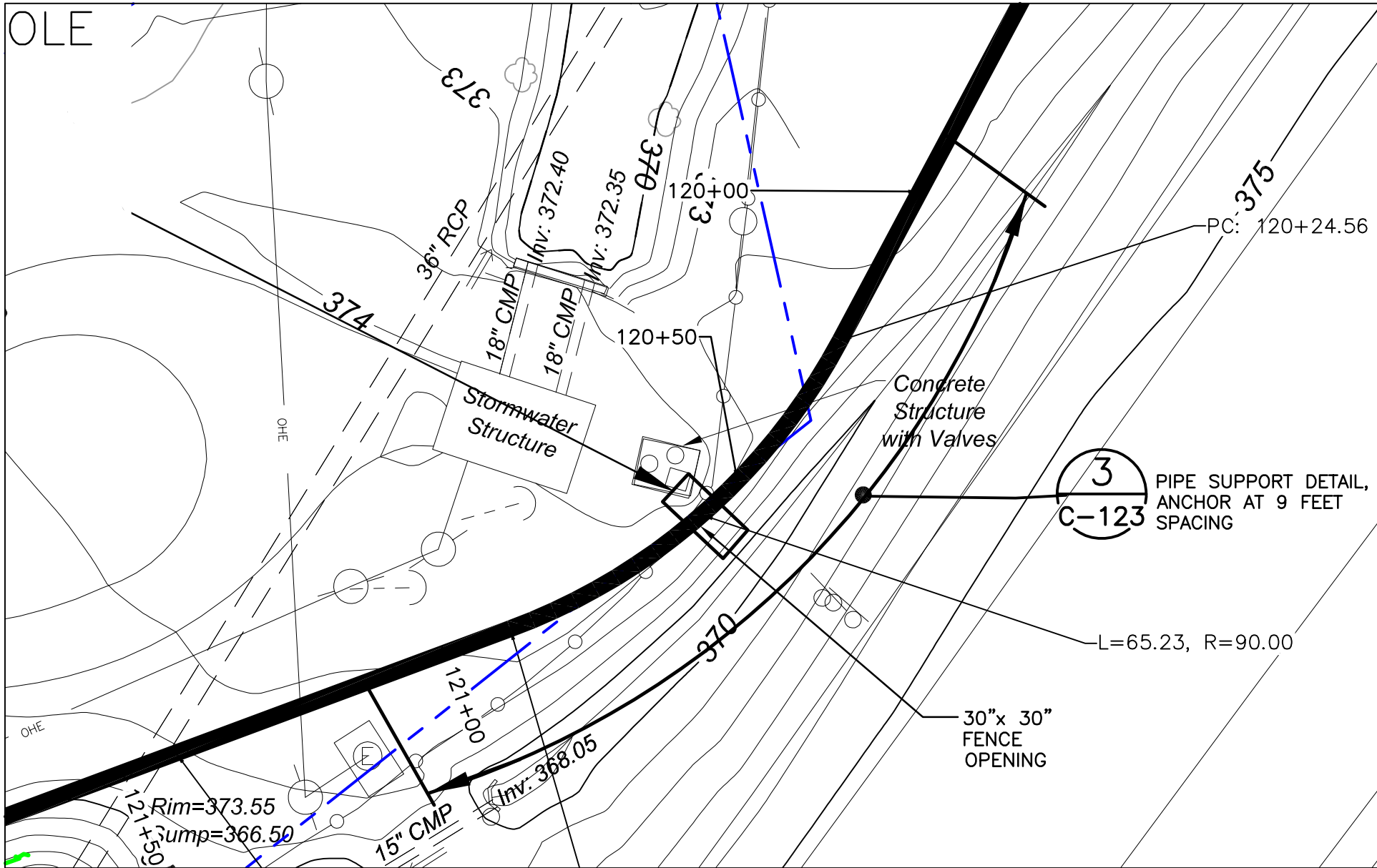
DRAWING NO.
444853-200-C-121

REV.
B

NOTICE: THE PROPERTY OF HONEYWELL IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



WEST SIDE SANITARY PUMP STATION PARTIAL PLAN
(FROM DRAWING 444853-200-C-105)
SCALE: 1"=20'



STORMWATER STATION PARTIAL PLAN
(FROM DRAWING 444853-200-C-112)
SCALE: 1"=20'

NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.

LEGEND:

----- PROPERTY LINE

A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

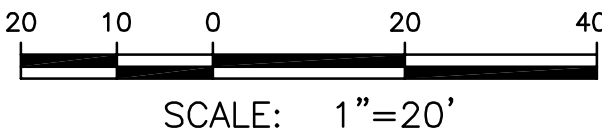
PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PARTIAL PLANS

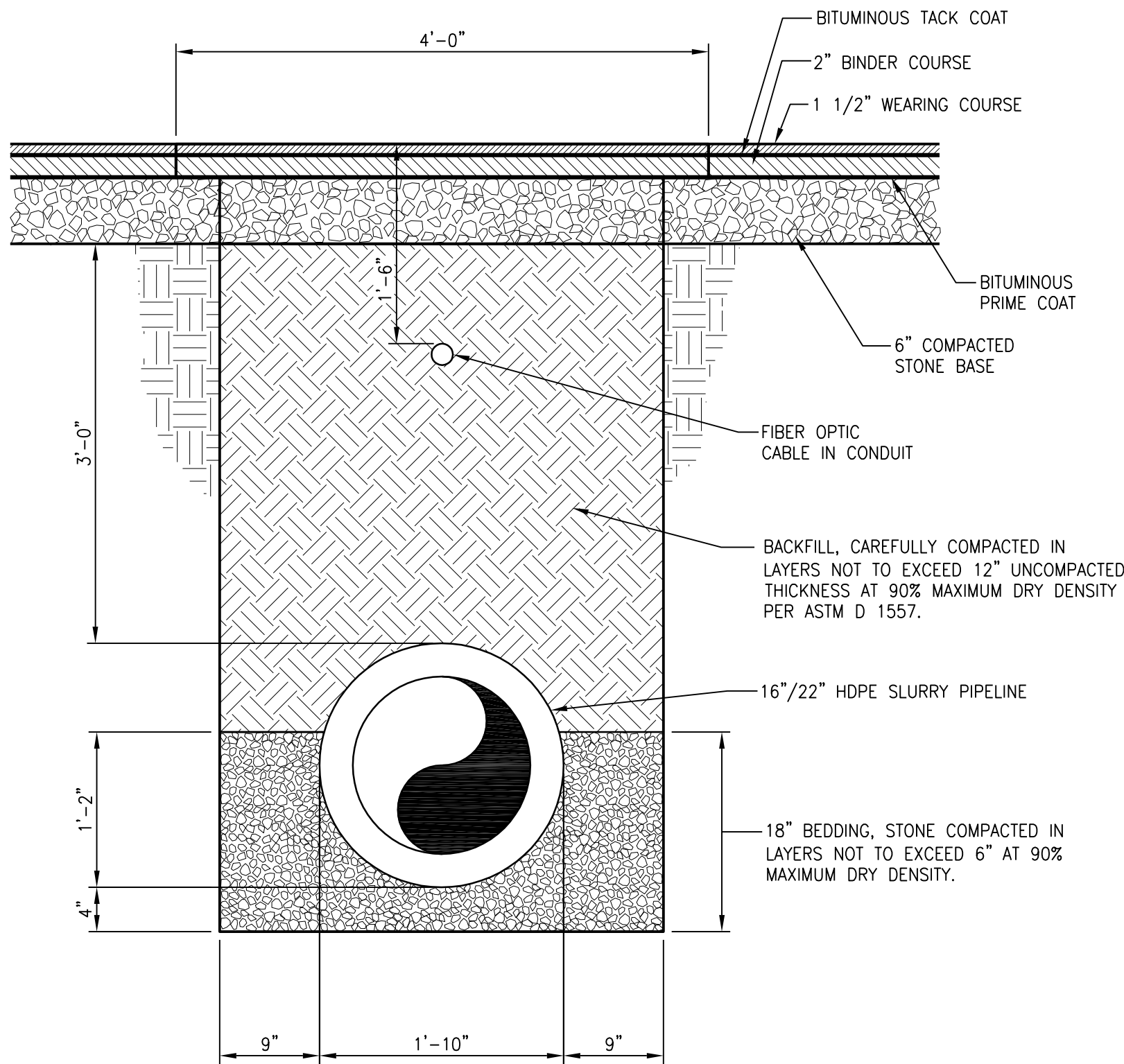
SCALE
SCALE 1"= 20'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-122

REV.
A

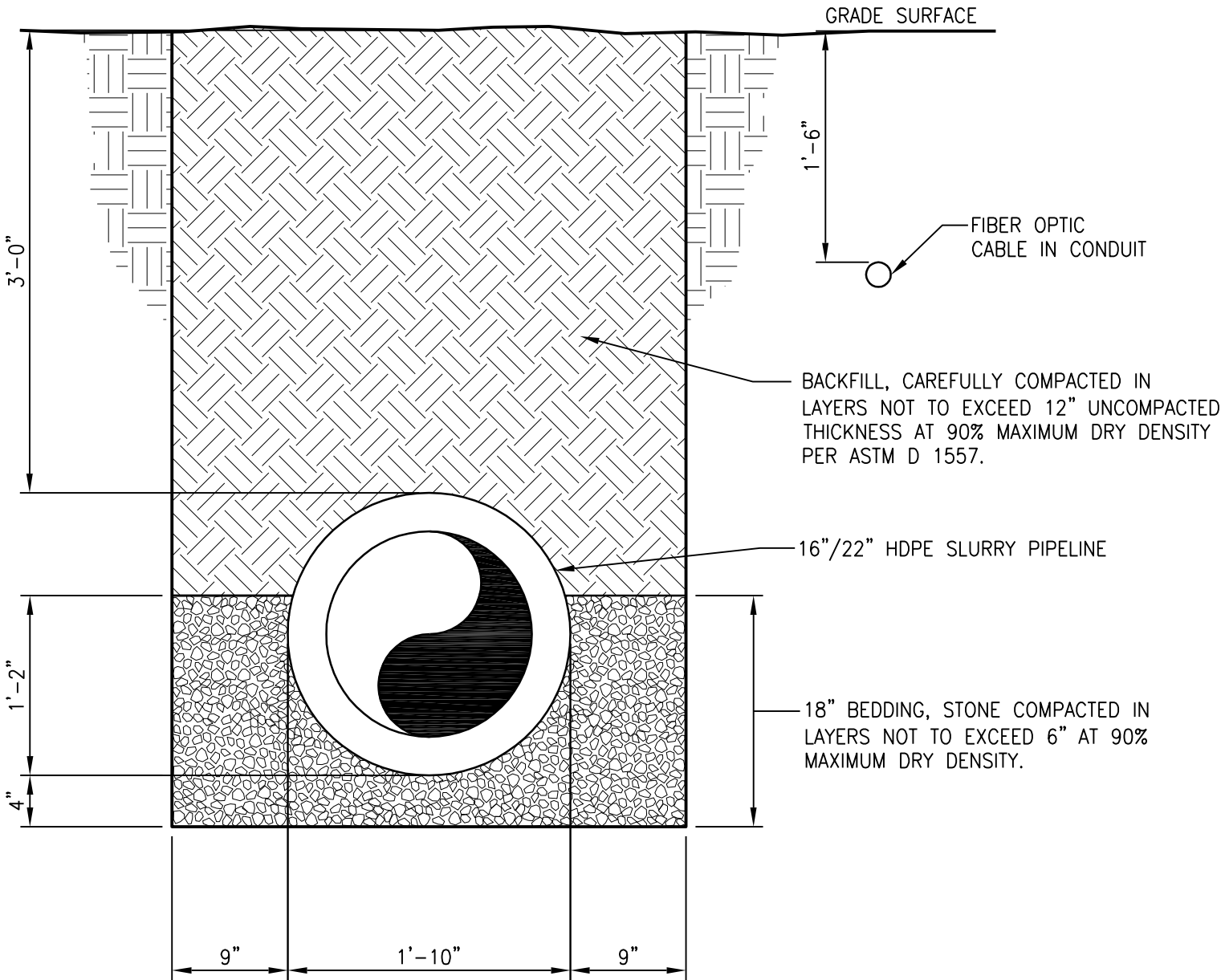


NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.

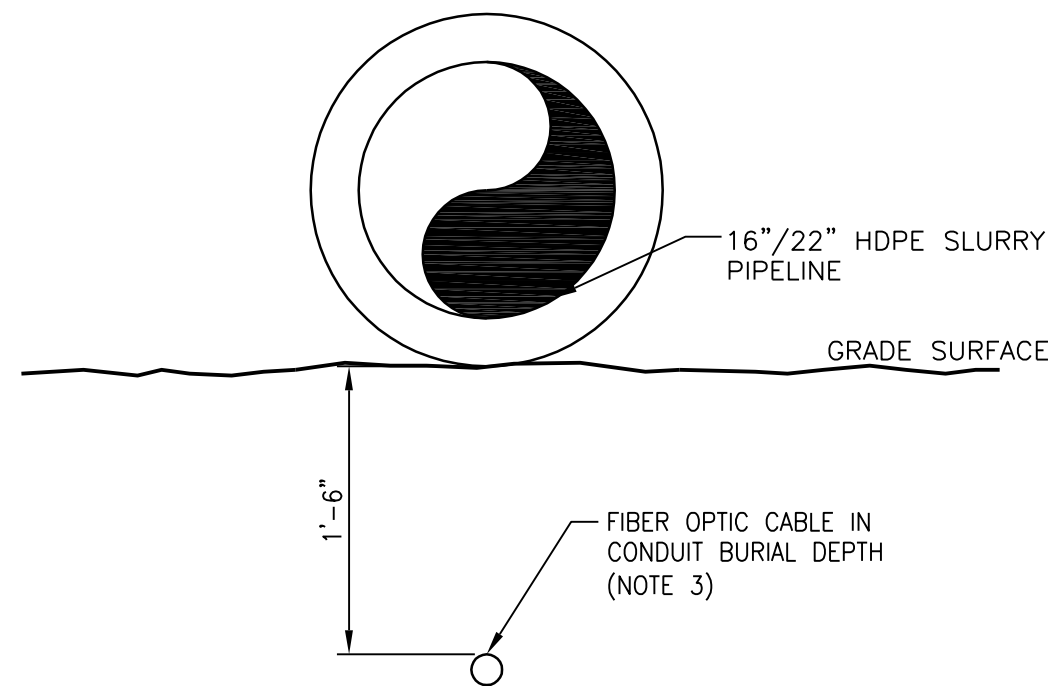


TRENCHING & PAVEMENT REPLACEMENT

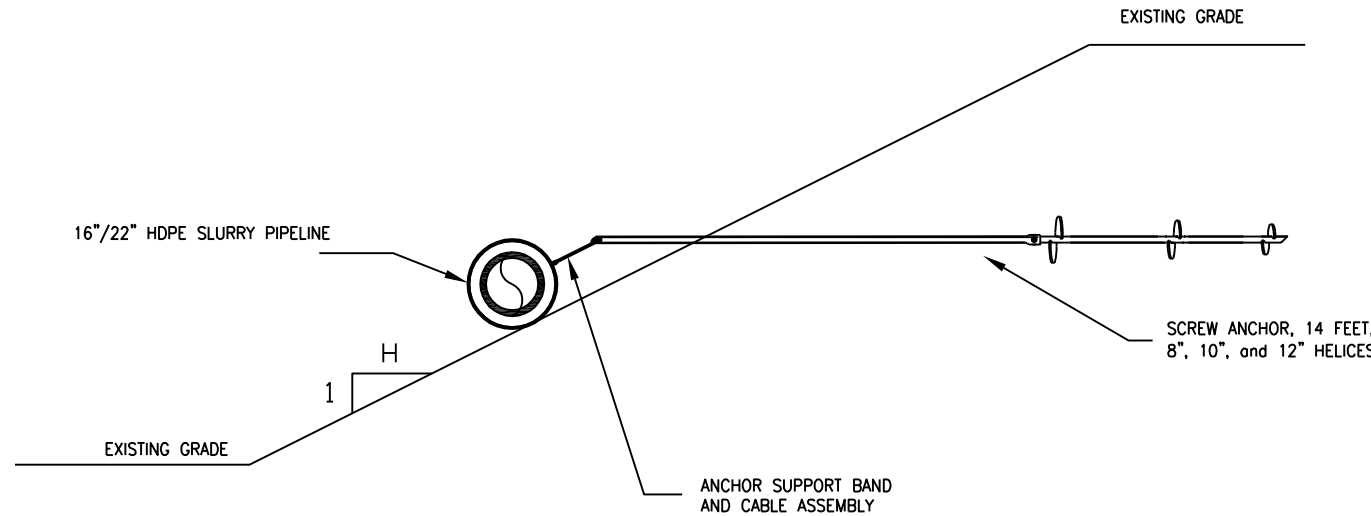
DETAIL 1
SCALE: NOT TO SCALE VARIES



TYPICAL PIPELINE TRENCHING

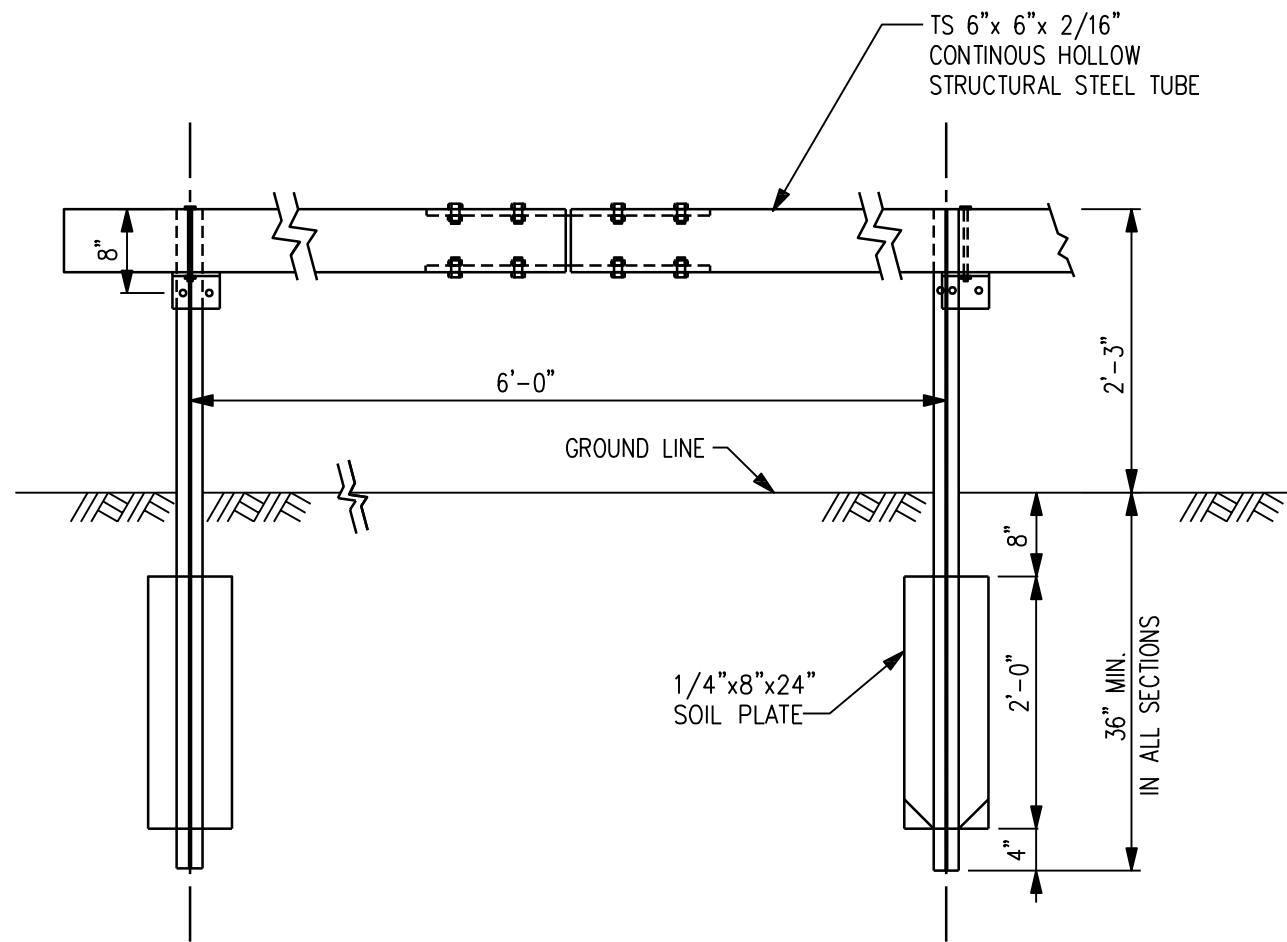


PIPELINE ON GRADE
DETAIL 2
SCALE: NOT TO SCALE



MAX SPACING 5ft for 1:1-2H
MAX SPACING 9ft for 1:2-3H
MAX SPACING 18ft for 1: >3H

TYPICAL ANCHOR
DETAIL 3
SCALE: NOT TO SCALE VARIES



TYPICAL BOX BEAM ROADSIDE BARRIER
DETAIL 4
SCALE: NOT TO SCALE VARIES

- NOTES:
- FIBER OPTIC CABLE TO FOLLOW ROUTE OF SLURRY LINE IN HDPE CONDUIT.
 - BOX BEAM BARRIER MATERIAL REQUIREMENTS AND CONSTRUCTION DETAILS, SEE NYSDOT STANDARD SPECIFICATION FOR GUIDERAILS SECTION 606.
 - FIBER OPTIC CABLE IN CONDUIT BURIED OR ON GRADE, DEPENDING ON SITE CONSIDERATIONS.

A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH DDS

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

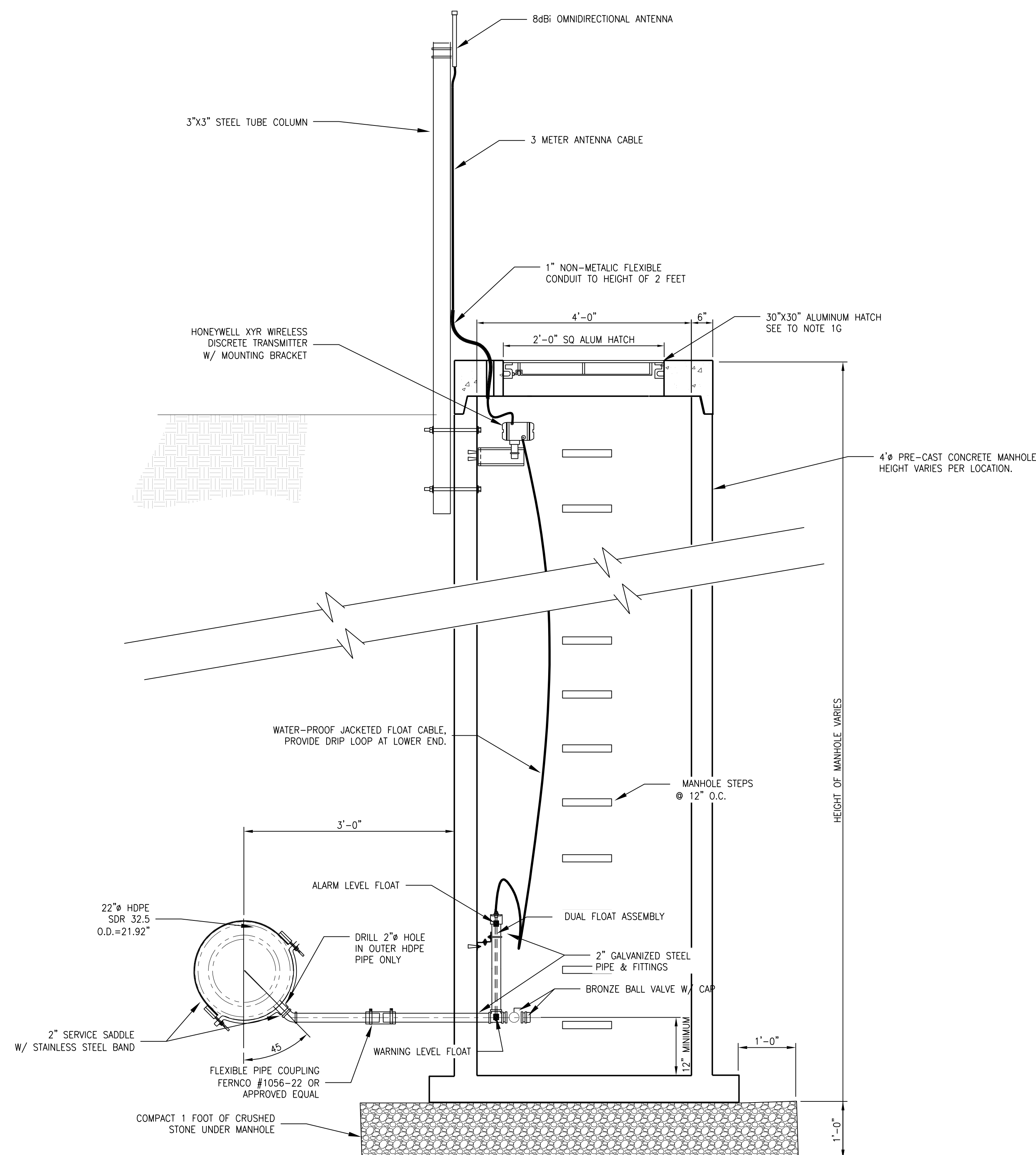
PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE 301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
JOB 444853
WBS 04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
SECTIONS AND DETAILS

SCALE SCALE AS NOTED
(IF PRINTED ON 22x34 SHEET)
DRAWING NO. 444853-200-C-123
REV. A



LEAK DETECTION FOR UNDERGROUND PIPE

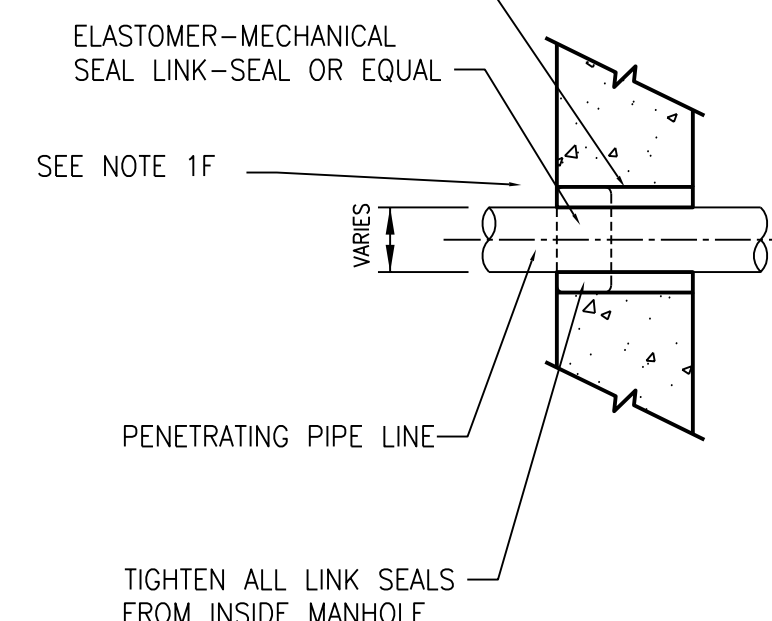
DETAIL

1
VARIES

LEAK DETECTION NOTES:

1. LEAK DETECTION REQUIRED AT APPROXIMATE PIPELINE STATIONS 1+05, 33+75, 105+30, 136+90, 148+15 & 169+30.
2. PRE CAST MANHOLE SHALL BE A KISTNER 4-FOOT DIAMETER SANITARY MANHOLE OR APPROVED EQUAL:
 - A. MANHOLES DESIGN SPECIFICATION SHALL CONFORM TO A.S.T.M. C478 WITH SINGLE POUR MONOLITHIC BASE SECTION.
 - B. REINFORCING STEEL CONFORMS TO A.S.T.M. A185; 0.12 SQ. IN. / LINEAL FT. AND 0.12 SQ. IN. EACH WAY IN BASE SLAB.
 - C. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
 - D. MANHOLE RING-JOINT SEALS SHALL BE A FACTORY LUBED OFFSET GASKET CONFORMING TO A.S.T.M. C443. INSIDE AND OUTSIDE JOINT GAPS SHALL BE FURTHER SEALED WITH A COAL TAR BITUMASTIC SEALING COMPOUND.
 - E. MANHOLE STEPS SHALL BE A 1/2-INCH, GRADE 60, STEEL BAR MOLDED IN A COPOLYMER POLYPROPYLENE PLASTIC IN ACCORDANCE WITH A.S.T.M. C478 PARA. 11, WITH A MINIMUM VERTICAL DESIGN LOAD RATING OF 800 LBS.
 - F. 2-INCH PIPE CONNECTION, CORE A 3.5-INCH HOLE, USE A LINK-SEAL MODEL LS-200-C-8 MECHANICAL SEAL.
 - G. ALUMINUM ACCESS HATCHES OF THE SIZE SHOWN ON THE DRAWING, SHALL BE SYRACUSE CASTINGS EC-4 HD STYLE AND ECD-12 ECD STYLE (FOR VALVE VAULT), OR APPROVED EQUAL; HEAVY DUTY DESIGN H-20 LOAD RATING 300 PSF FROM 1/4-INCH GRADE 5086 CHECKER PLATE WITH GRADE 6061-T6 ALUMINUM BARS AND ANGLE SUPPORTS, EXPOSED PADLOCK CLIP, 18" HOLE DUTY HINGES, HOLD OPEN ARM.
 - H. OUTSIDE CONCRETE SURFACES FROM TOP SLAB TO BOTTOM INCLUDING UNDERSIDE OF BASE SLAB SHALL BE COATED WITH A COAL TAR EPOXY COATING, EQUAL TO INTERNATIONAL INTERFUT 132 OR APPROVED EQUAL. APPLY PER MANUFACTURERS' RECOMMENDATIONS; NUMBER OF COATS AS REQUIRED TO ACHIEVE A WET COAT THICKNESS GREATER THAN 8 MILS.
2. FLOAT ASSEMBLY: GEMS SENSORS & CONTROLS SERIES LS-300TFE OR APPROVED EQUAL
 - A. ALL PTFE WETTED PARTS FACTORY ASSEMBLED W/ #22 AWG PVC JACKETED WIRE CABLE
 - B. DUAL PTFE ACTUATION 18" APART ON 24" PTFE ROD.
 - C. TYPE 22, 1" NPT PROCESS CONNECTION W/ TYPE 3 LIQUID-TIGHT CABLE GLAND.
3. WIRELESS TRANSMITTER: HONEYWELL XVR 6000 DISCRETE INPUT TRANSMITTER.
 - A. POWERED BY INTERNAL "D" SIZED LITHIUM BATTERIES
 - B. 125 mW MAXIMUM TRANSMIT POWER
 - C. REMOTE ANTENNA, 8dBd OMnidIRECTIONAL W/ 3 METER CABLE AND LIGHTNING ARRESTER.
 - D. TRANSMITS TO BASE STATION AT BOOSTER PUMP STATIONS.

OPENING FOR PIPE TO BE MACHINE CORED.
CONNECTION TO BE RESILIENT AND WATERTIGHT.



2" PIPE PENETRATION DETAIL

A	ISSUED FOR DRAFT FINAL DESIGN	01/21/11	WGS	AJD	DDS
---	-------------------------------	----------	-----	-----	-----

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB	444853
WBS	04620

PROJECT TITLE

Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE ALIGNMENT LEAK DETECTION DETAILS

SCALE

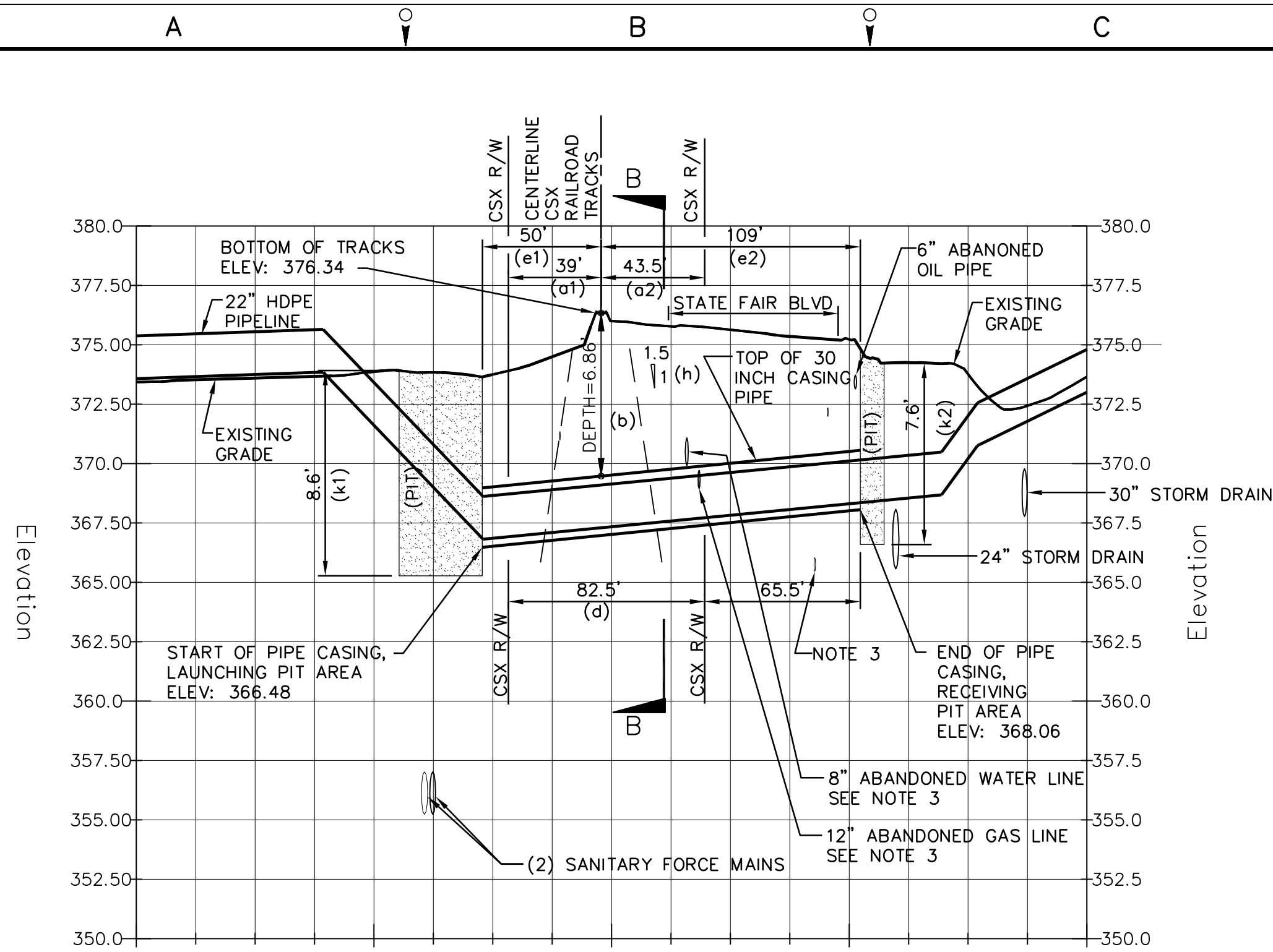
SCALE AS NOTED
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.

DRAWING NO.
444853-200-C-124

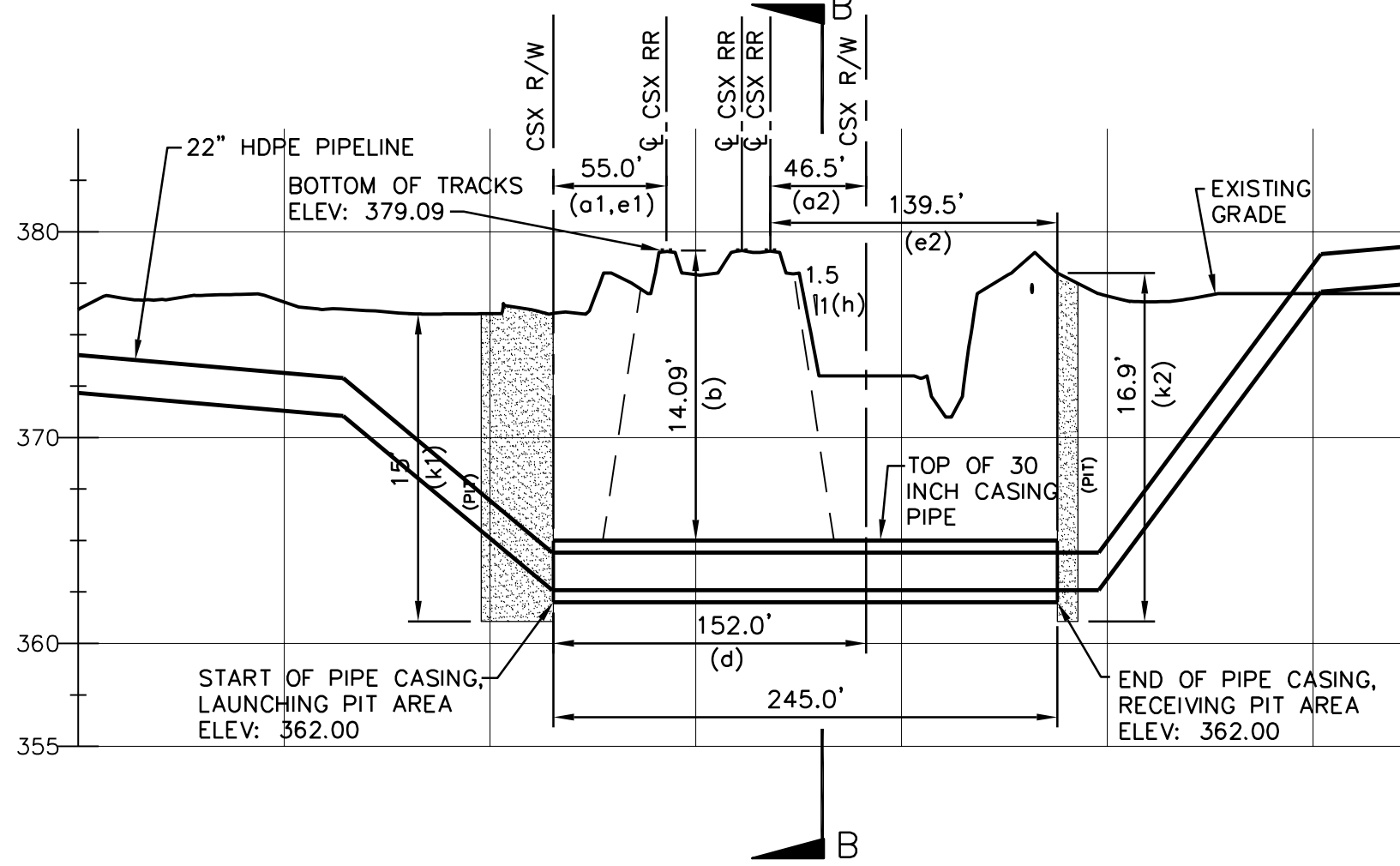
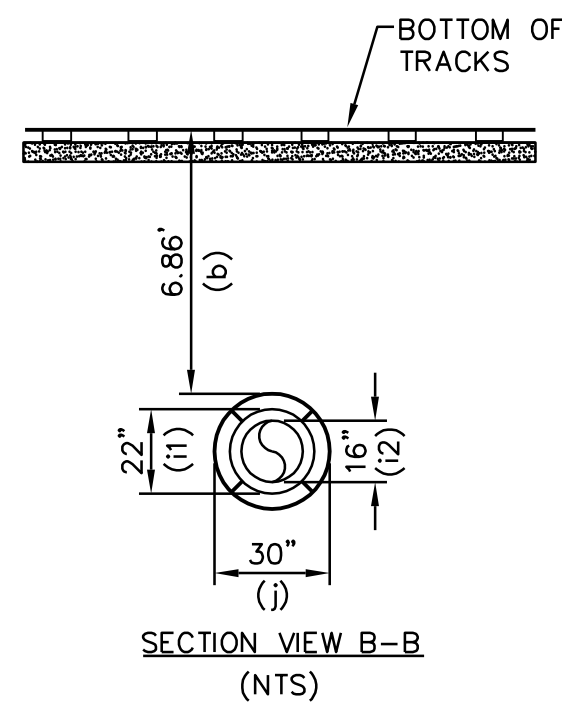
REV.

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



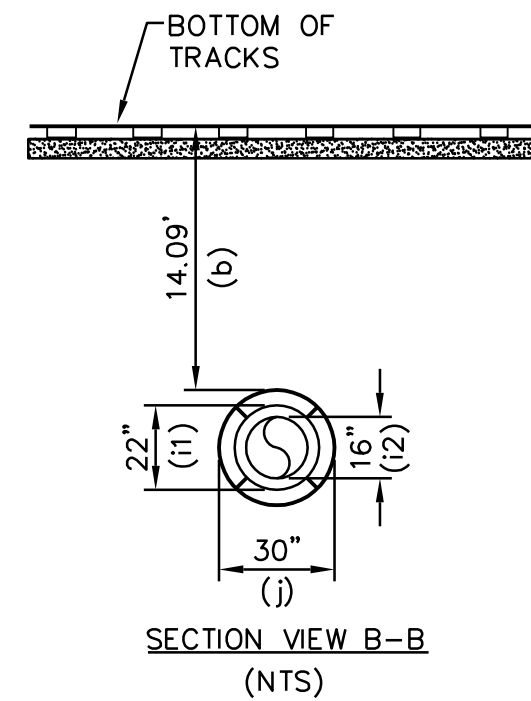
CSX CROSSING 1 PROFILE

SECTION A
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



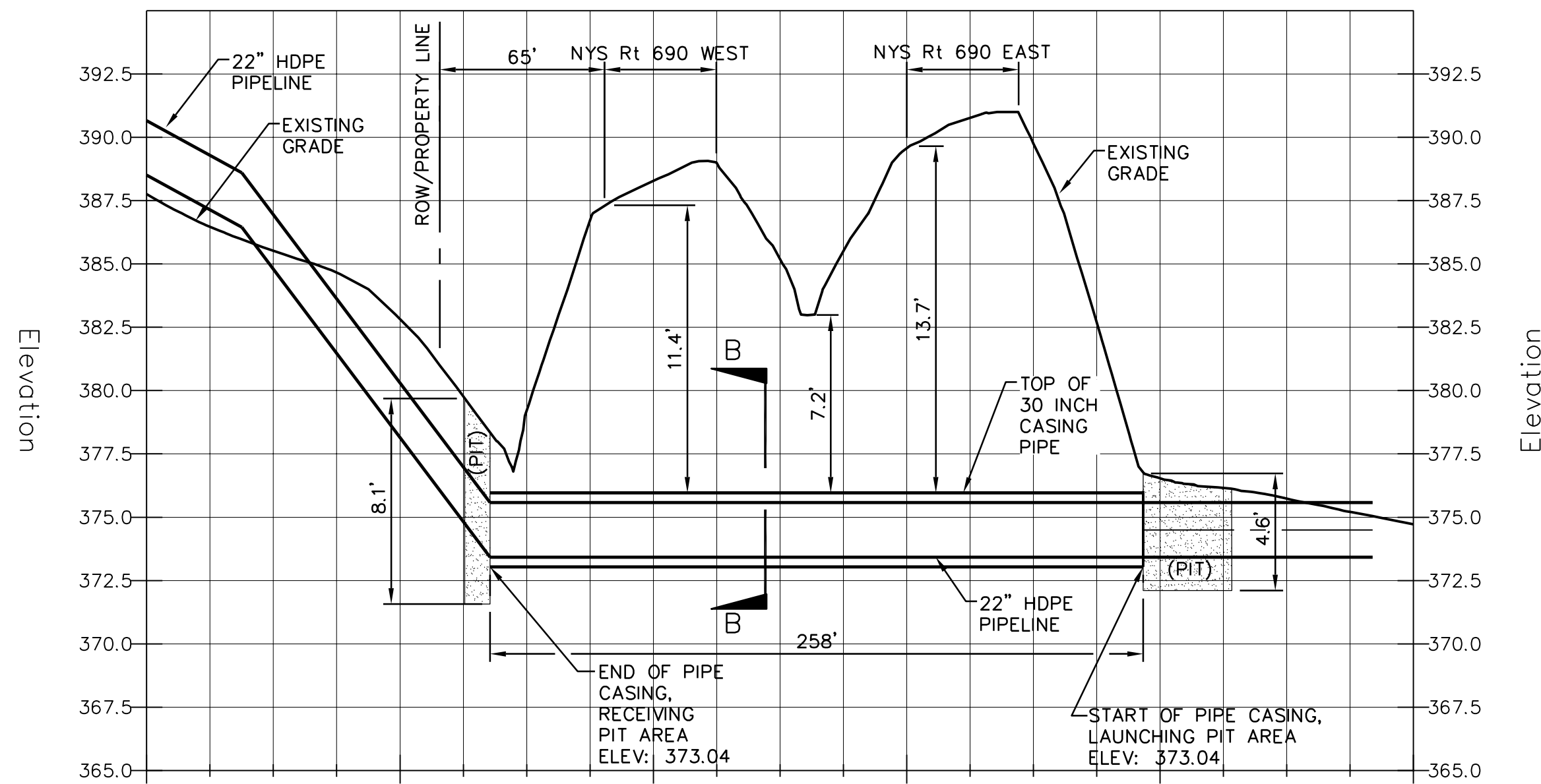
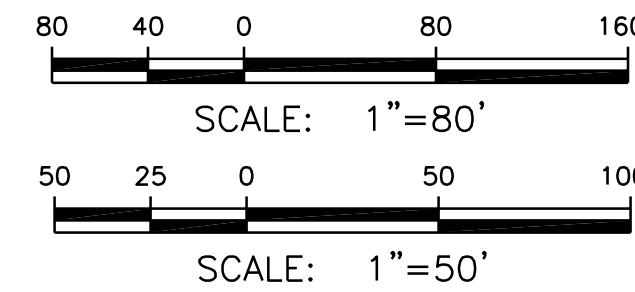
CSX CROSSING 2 PROFILE

SECTION B
SCALE: HORIZ. 1"=80'
VERT. 1"=8'



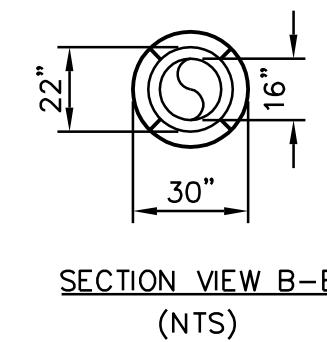
SECTIONS A AND B - LETTER DESCRIPTIONS
(e1), (e2) DISTANCE FROM CENTERLINE OF TRACKS TO CSX R/W.
(b) DISTANCE FROM BASE-OF-RAIL TO TOP OF CASING.
(c) N/A, BASE-OF-DITCH TO TOP OF CASING.
(d) TOTAL LENGTH OF PIPE ON CSX R/W.
(e1), (e2) DISTANCE FROM CENTERLINE OF NEAREST TRACK TO THE FACE OF PITS, AT A 90 DEGREE ANGLE TO THE TRACKS.
(f) N/A, DISTANCE FROM TOP-OF-VENT PIPE TO GROUND SURFACE. (NOT VENTED)
(g) N/A, DISTANCE FROM CENTERLINE OF TRACKS TO VENT PIPE. (NOT VENTED)
(h) THEORETICAL EMBANKMENT LINE: STARTS 12' FROM CENTERLINE OF TRACKS AND EXTENDS AWAY FROM TRACKS AT A SLOPE OF 1.5' OVER AND 1' DOWN.
(i1), (i2) PRIMARY AND SECONDARY CARRIER PIPE DIAMETERS.
(j) CASING PIPE DIAMETER.
(k1) (k2) DEPTH OF LAUNCHING AND RECEIVING PITS.

- NOTES:
- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
 - BURIED PIPELINE BELOW RAILROAD WILL BE INSTALLED USING TRENCHLESS TECHNOLOGY. DETAILED INSTALLATION WILL BE ADDRESSED IN THE FINAL DESIGN DOCUMENTS AND WILL BE IN ACCORDANCE WITH CSX REQUIREMENTS.
 - ESTIMATED LOCATION OF ABANDONED UTILITIES FROM NYSOT RECORD DRAWINGS (1970, FASH 71-3, FIRC 71-51).



NYS ROUTE 690 PROFILE

SECTION C
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

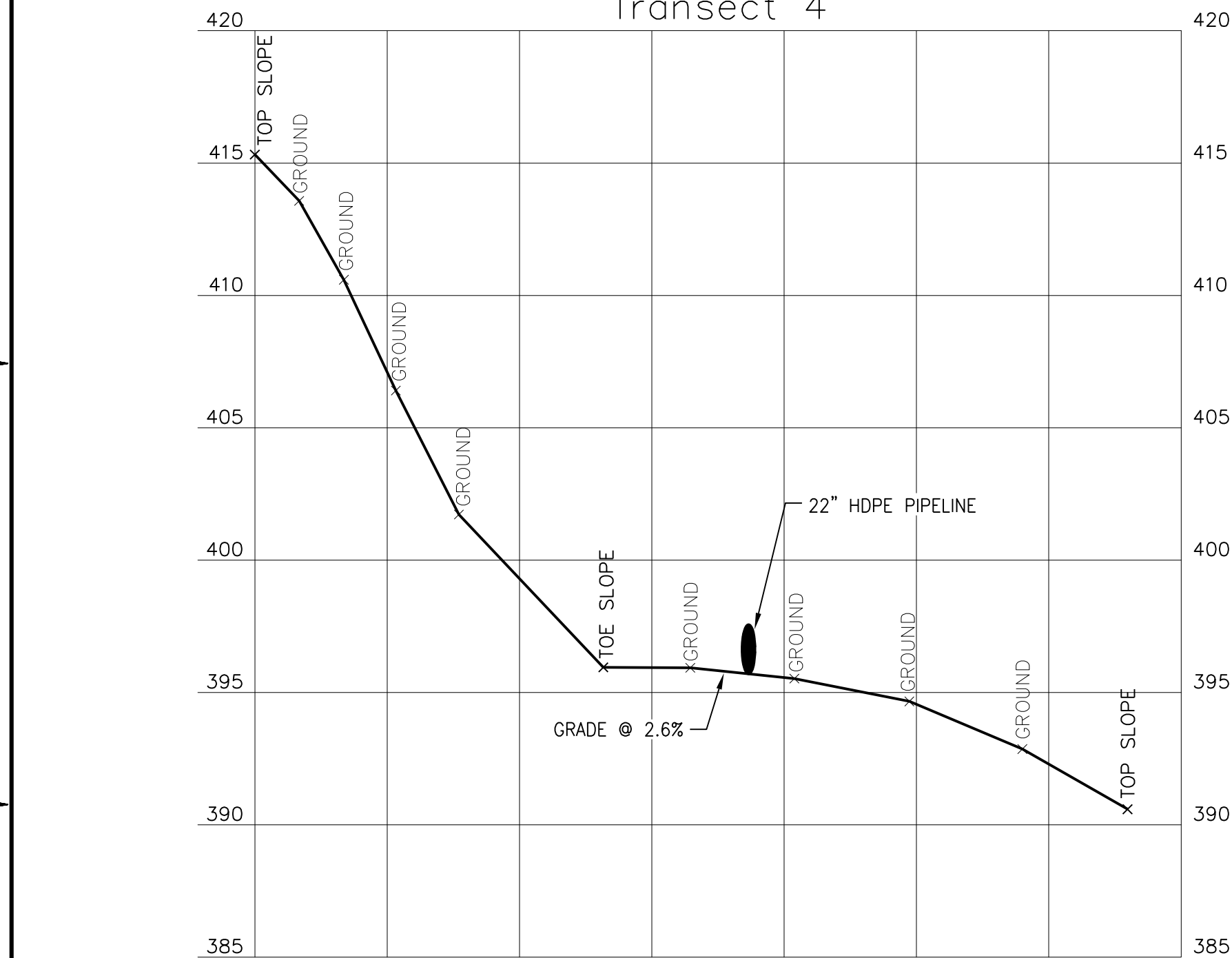
OFFICE: 301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
JOB: 444853
WBS: 04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

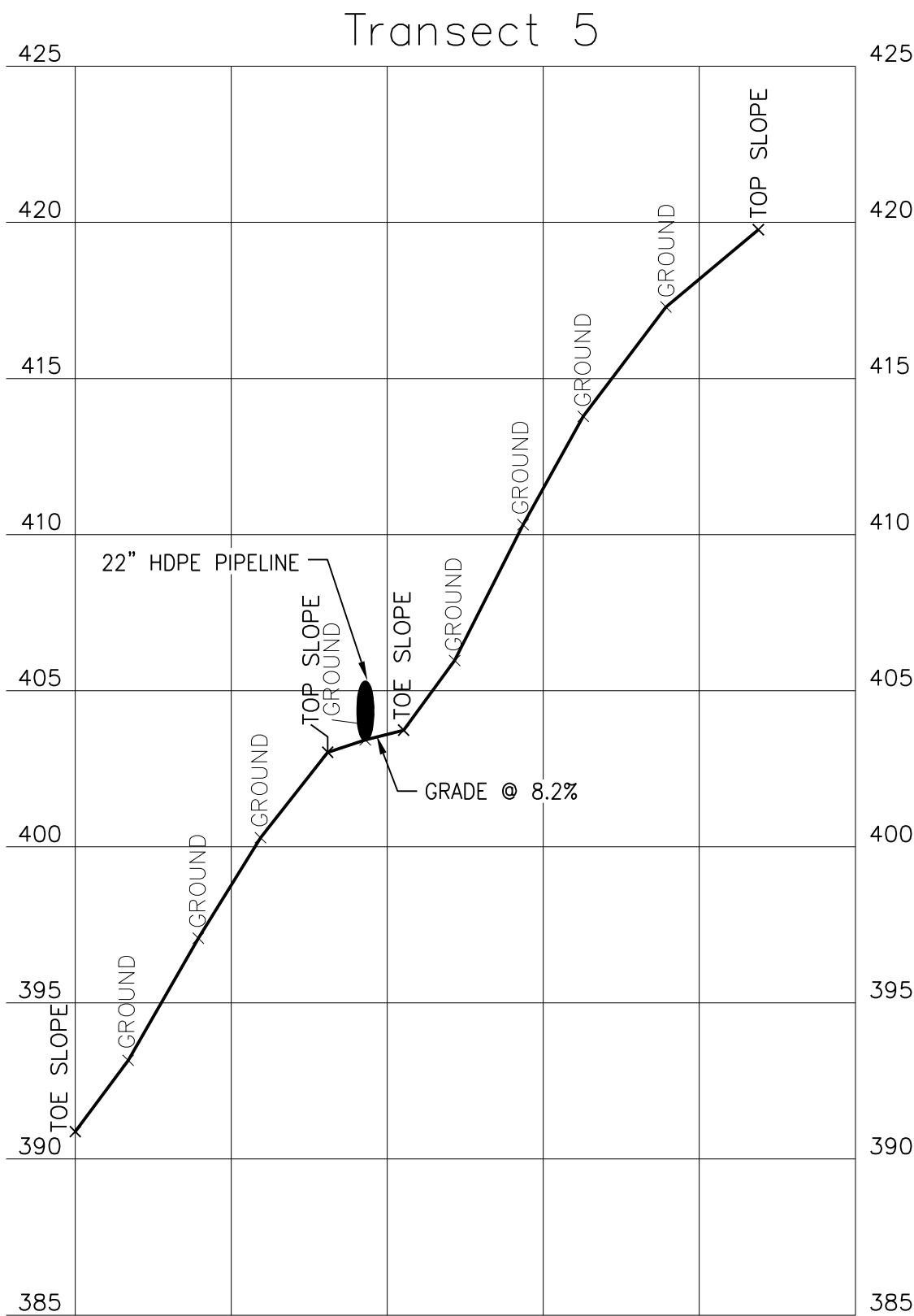
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
SECTIONS AND PROFILES
SHEET 1 OF 5

SCALE: SCALE AS NOTED
(IF PRINTED ON 22x34 SHEET)
DRAWING NO. **444853-200-C-125**
REV. **A**

FILE NAME: P:\HONEYWELL -SYR\444853 - LAKE DETAIL DESIGN\10 TECHNICAL CATEGORIES\10.1 CAD\DESIGN\TASK 200 SED-MGMT DESIGN\CIVL\444853-200-C-125 TO 129.DWG
PLOT DATE: 1/18/2011 7:25 PM PLOTTED BY: GOLDTHWAIT, JAMES

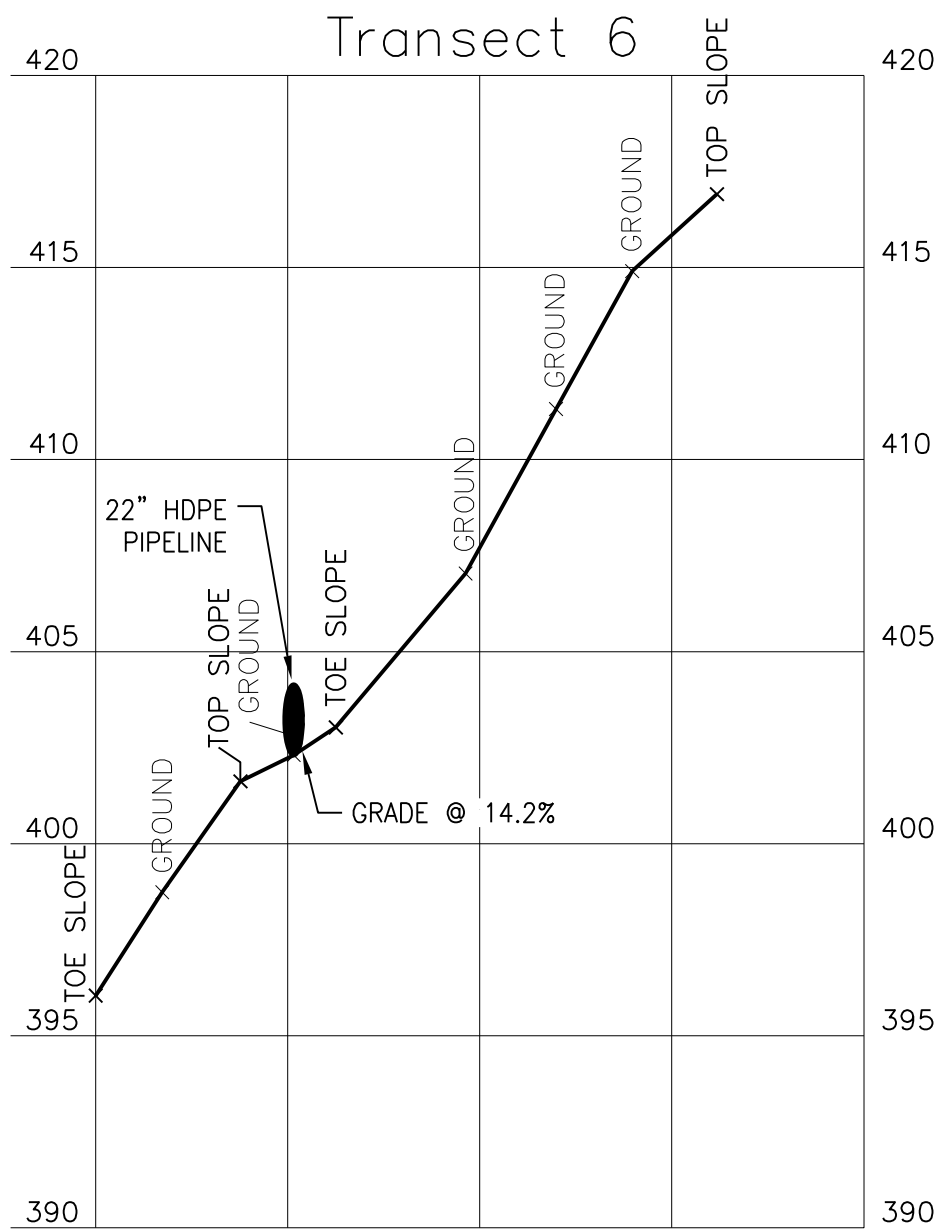


SECTION G
 SCALE: HORIZ. 1"=20'
 VERT. 1"=5'



SECTION H
C-106

SCALE: HORIZ. 1"=20'
VERT. 1"=5'

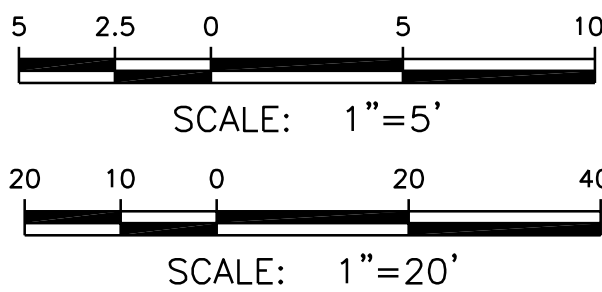


SECTION J

SCALE: HORIZ. 1"=20'
VERT. 1"=5'

C-106

1. SEE GENERAL NOTES ON DRAWING
444853-200-C-101.



A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DOS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	<div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">SEAL</div> </div>			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560	JOB <div style="font-size: 1.5em; font-weight: bold;">444853</div> WBS <div style="font-size: 1.5em; font-weight: bold;">04620</div>
---	---

PROJECT TITLE

Honeywell

ONONDAGA LAKE

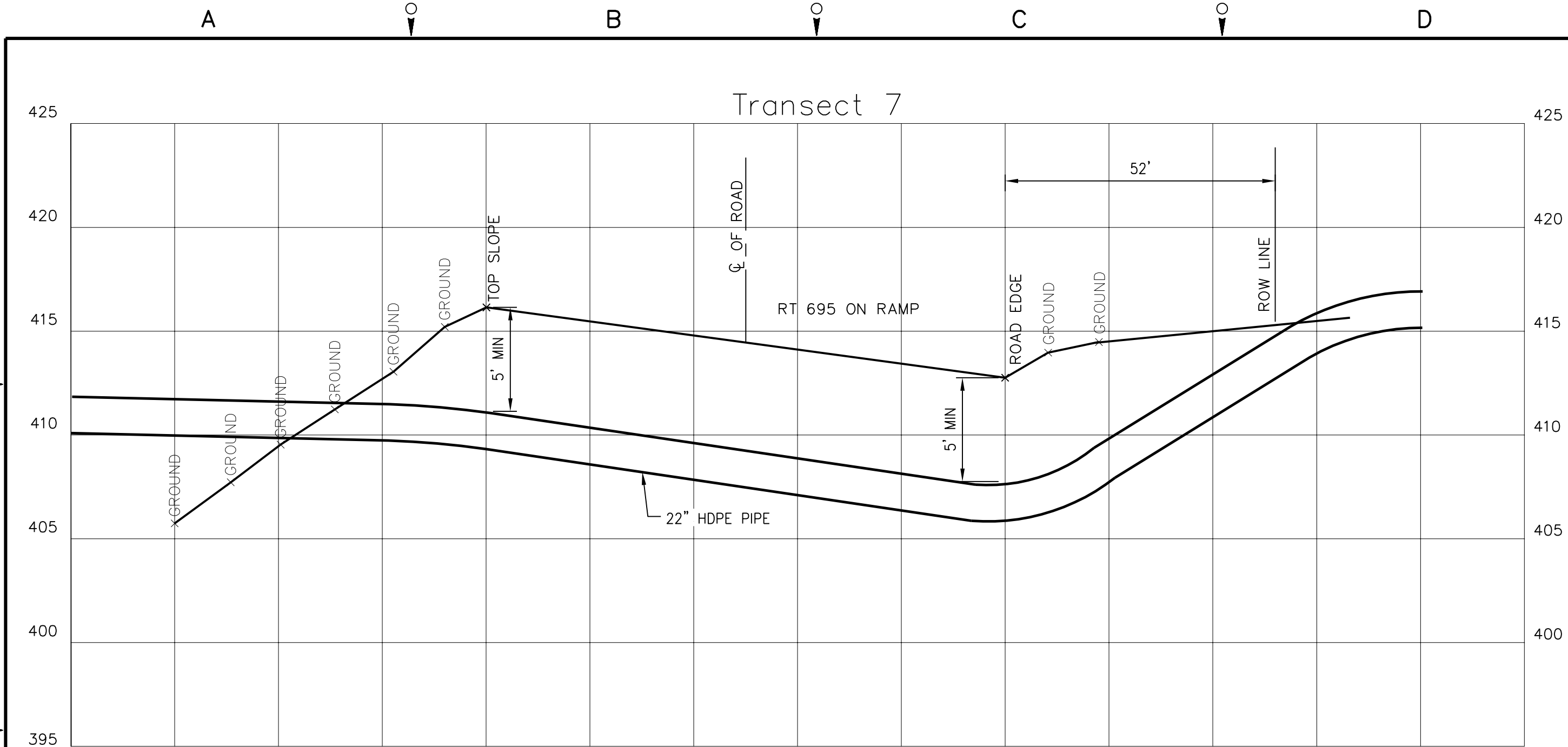
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE

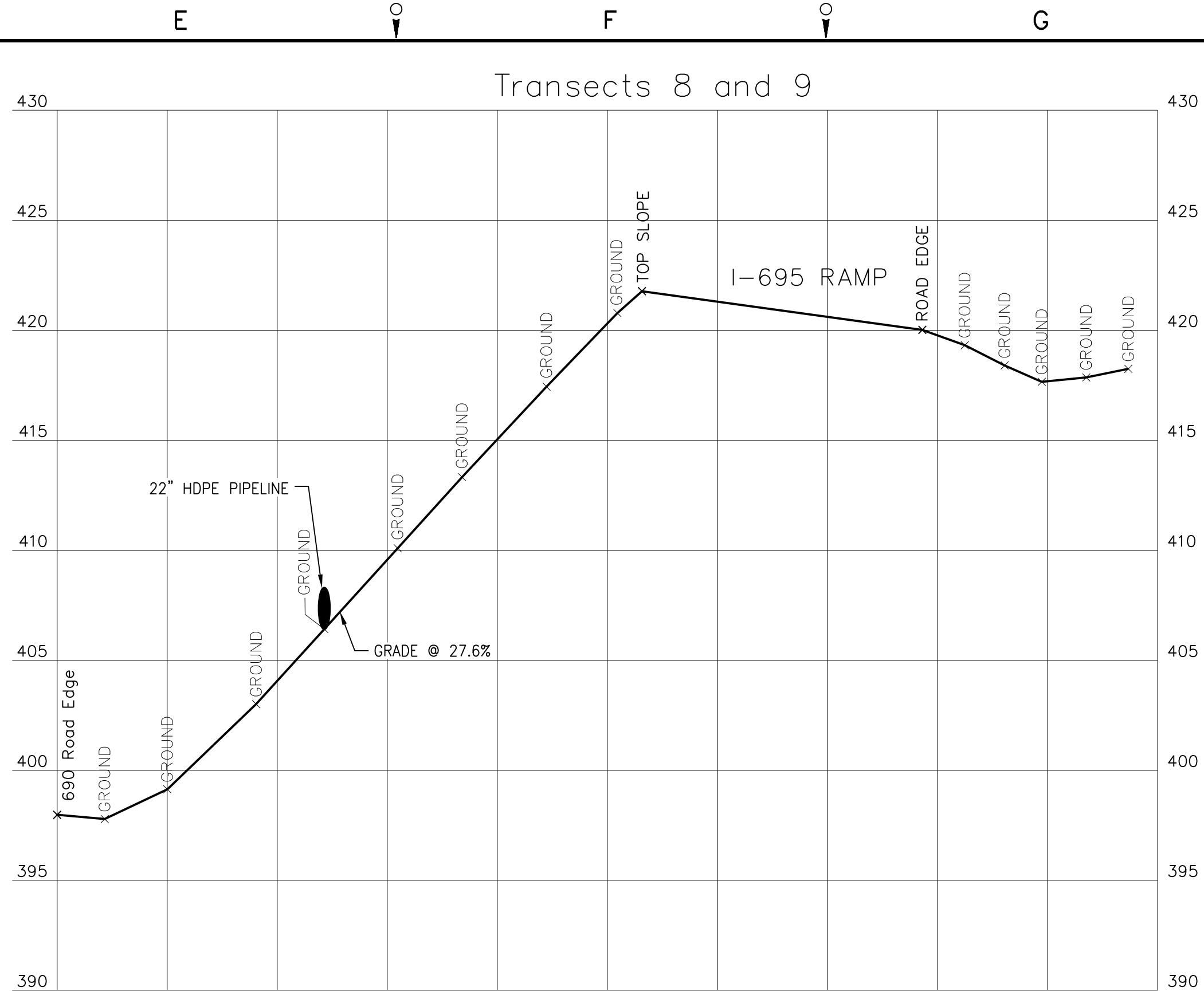
SLURRY PIPELINE ALIGNMENT SECTIONS AND PROFILES SHEET 2 OF 5

SCALE	SCALE AS NOTED <small>(IF PRINTED ON 22x34 SHEET)</small>
DRAWING NO. <div style="font-size: 1.5em; font-weight: bold;">444853-200-C-126</div>	REV. <div style="font-size: 1.5em; font-weight: bold;">A</div>

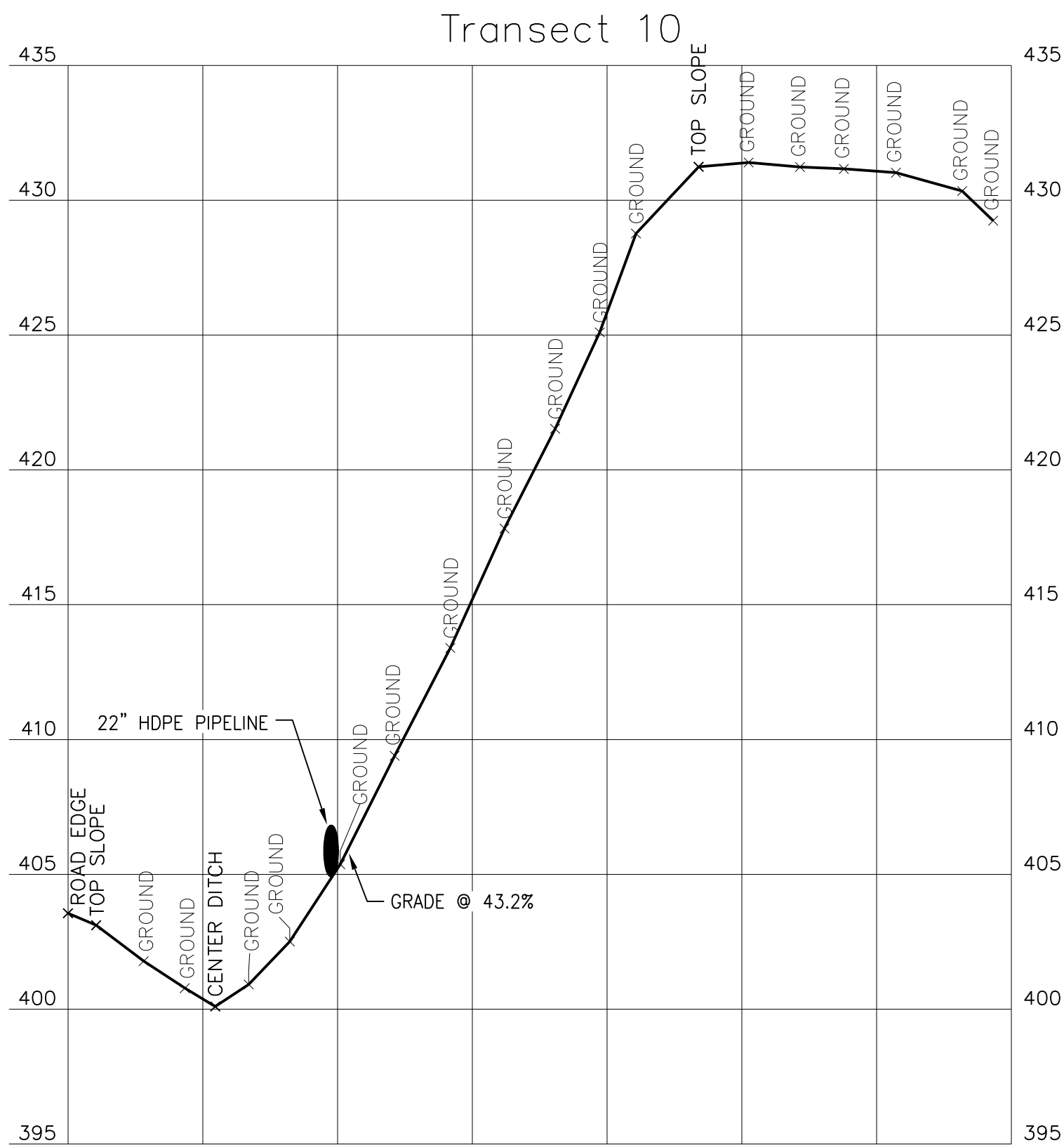
NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



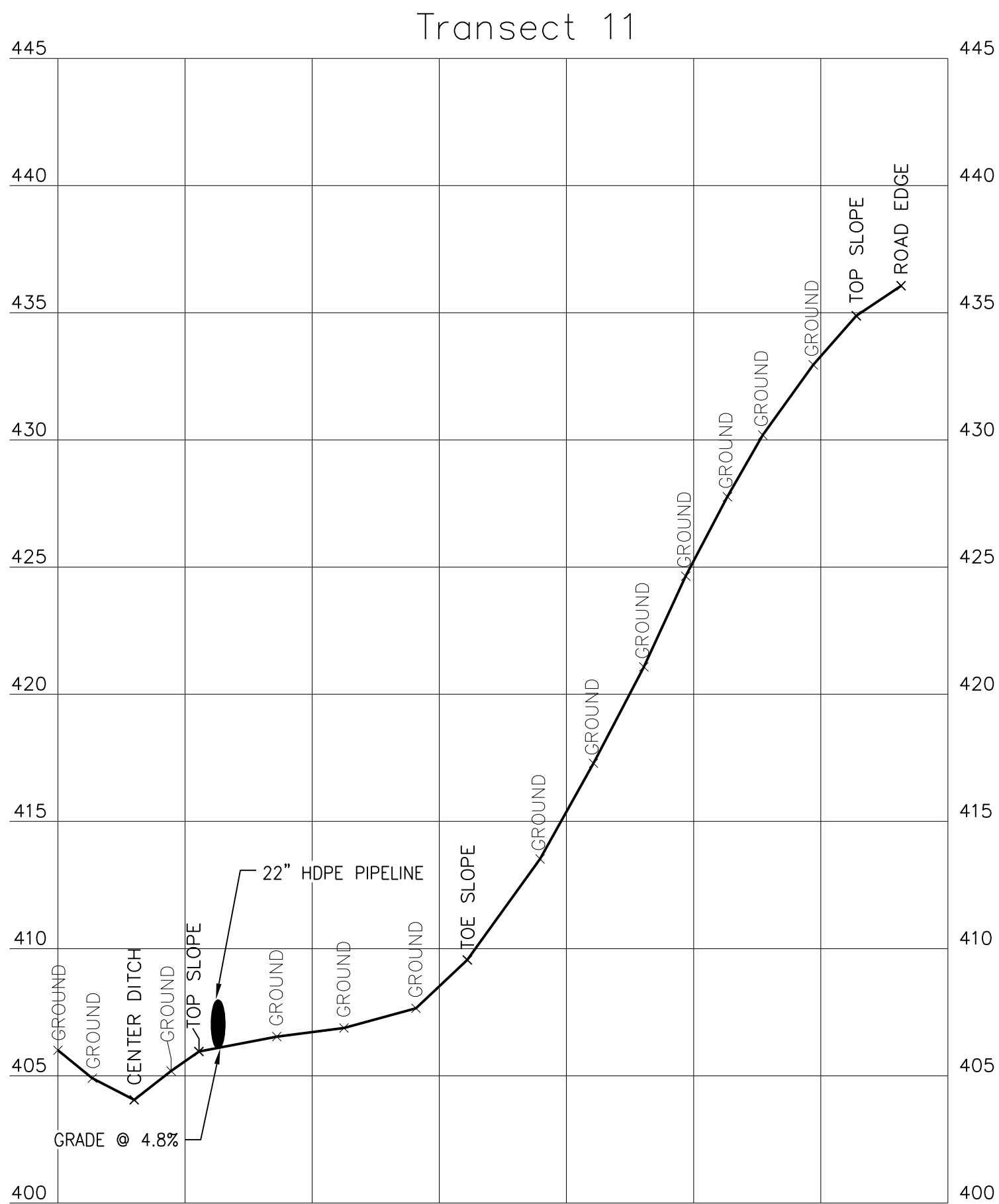
SECTION **K**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-107



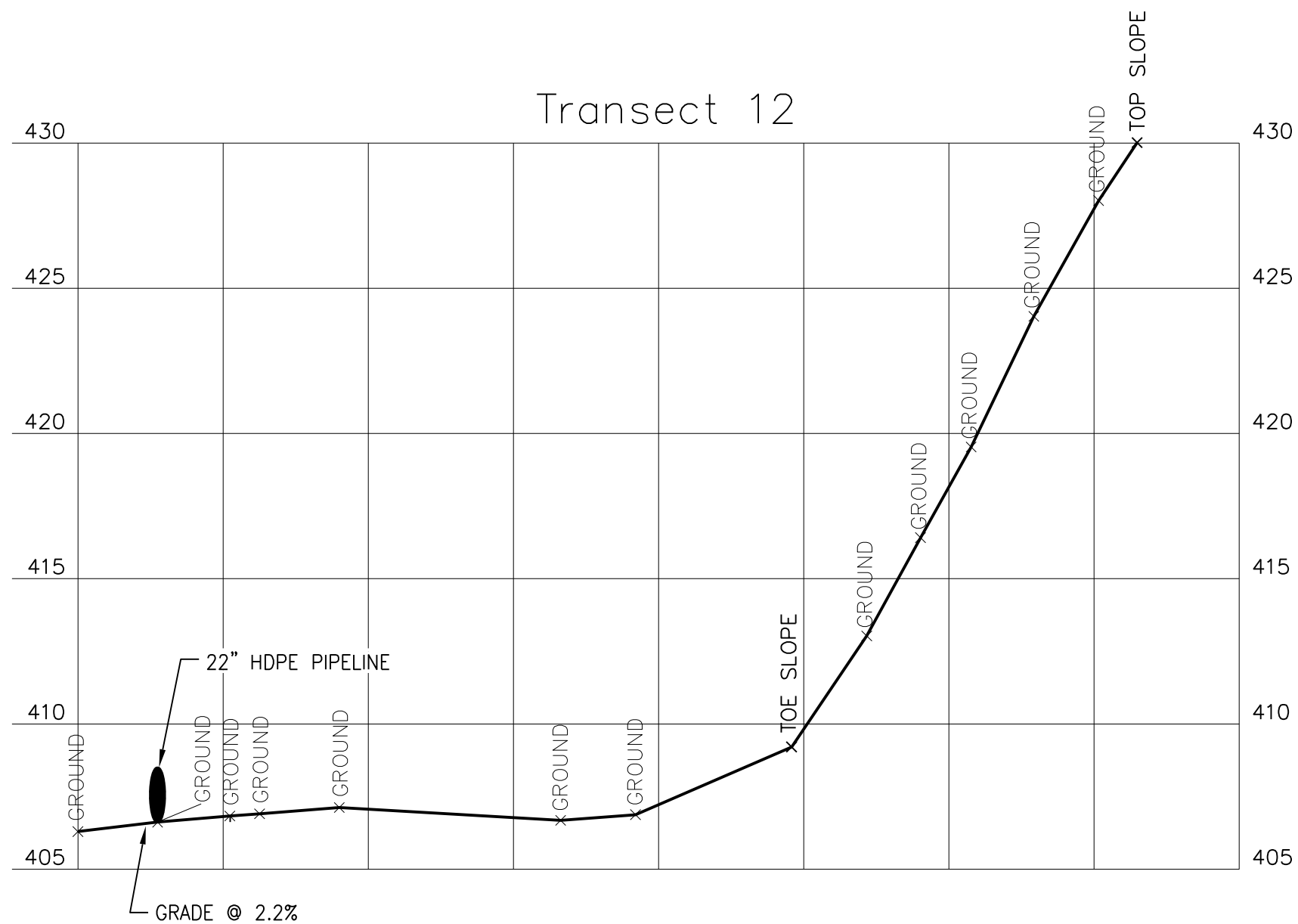
SECTION **L**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-107



SECTION **M**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-108



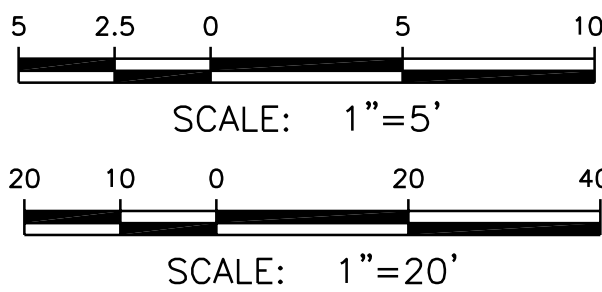
SECTION **N**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-108



SECTION **P**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-109

NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.



A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
---	-------------------------------	---------	-----	----	-----

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE 301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB 444853
WBS 04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

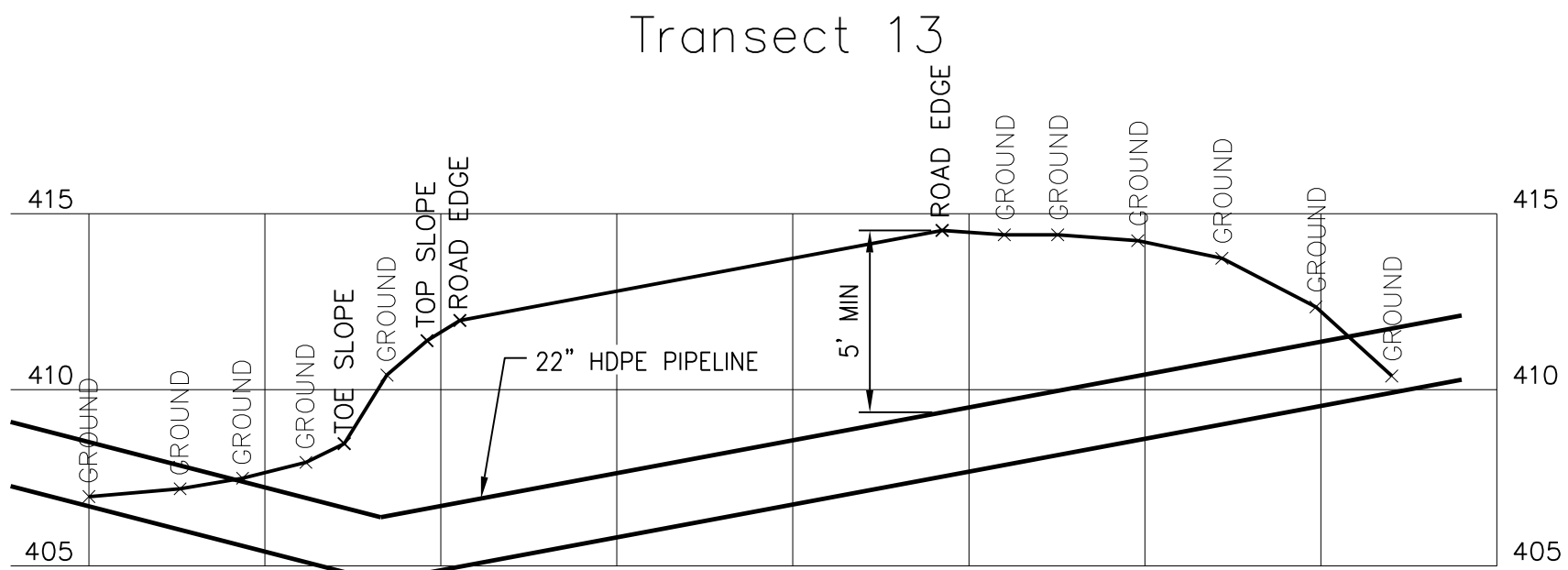
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
SECTIONS AND PROFILES
SHEET 3 OF 5

SCALE AS NOTED
(IF PRINTED ON 22x34 SHEET)

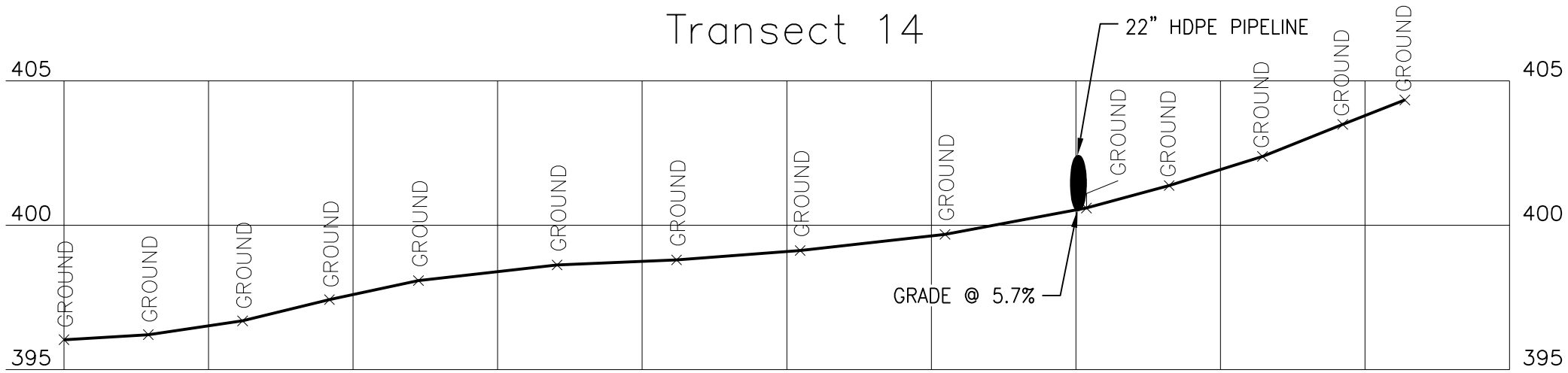
DRAWING NO. **444853-200-C-127**

REV. **A**

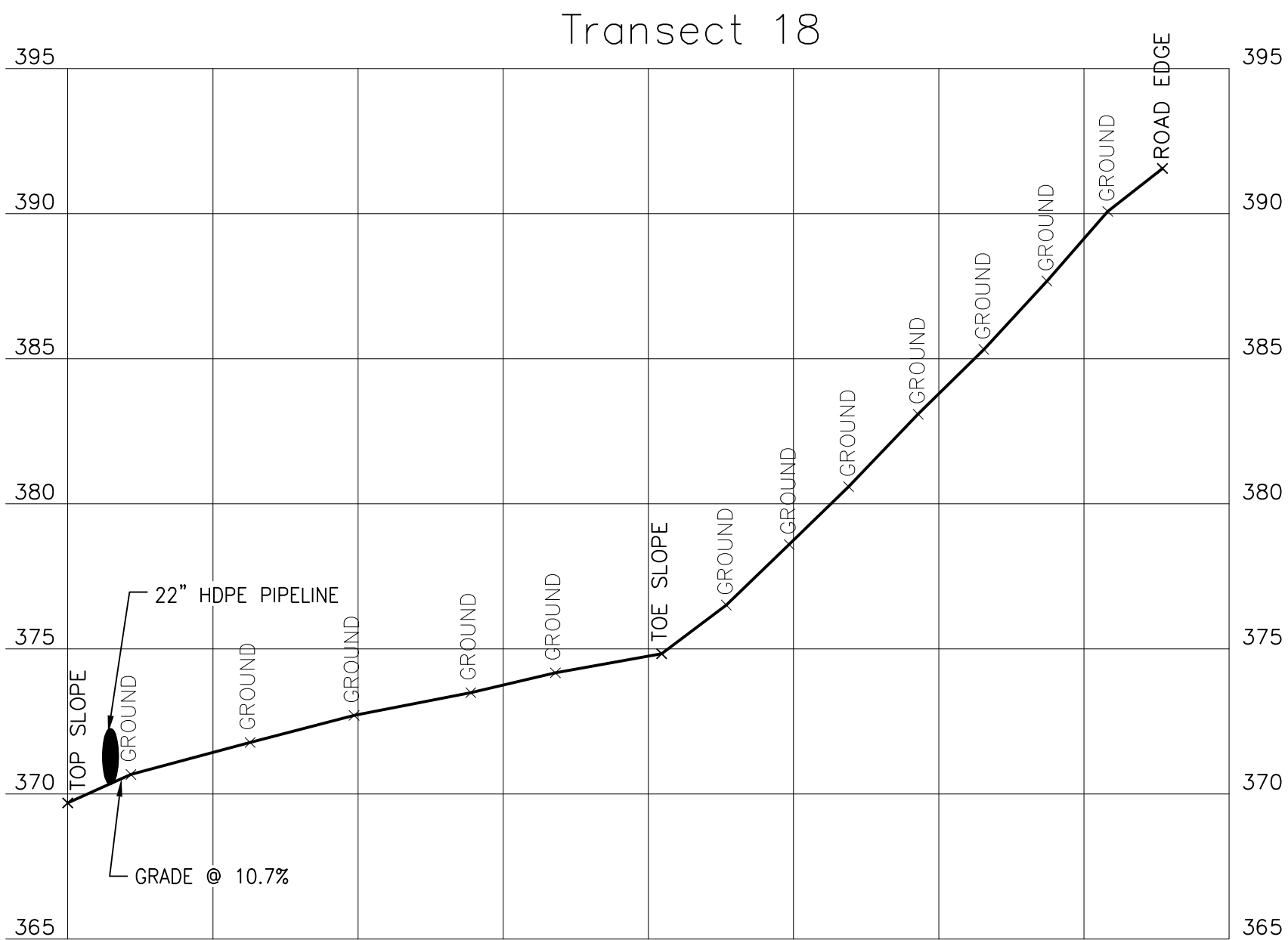
NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN SHALL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



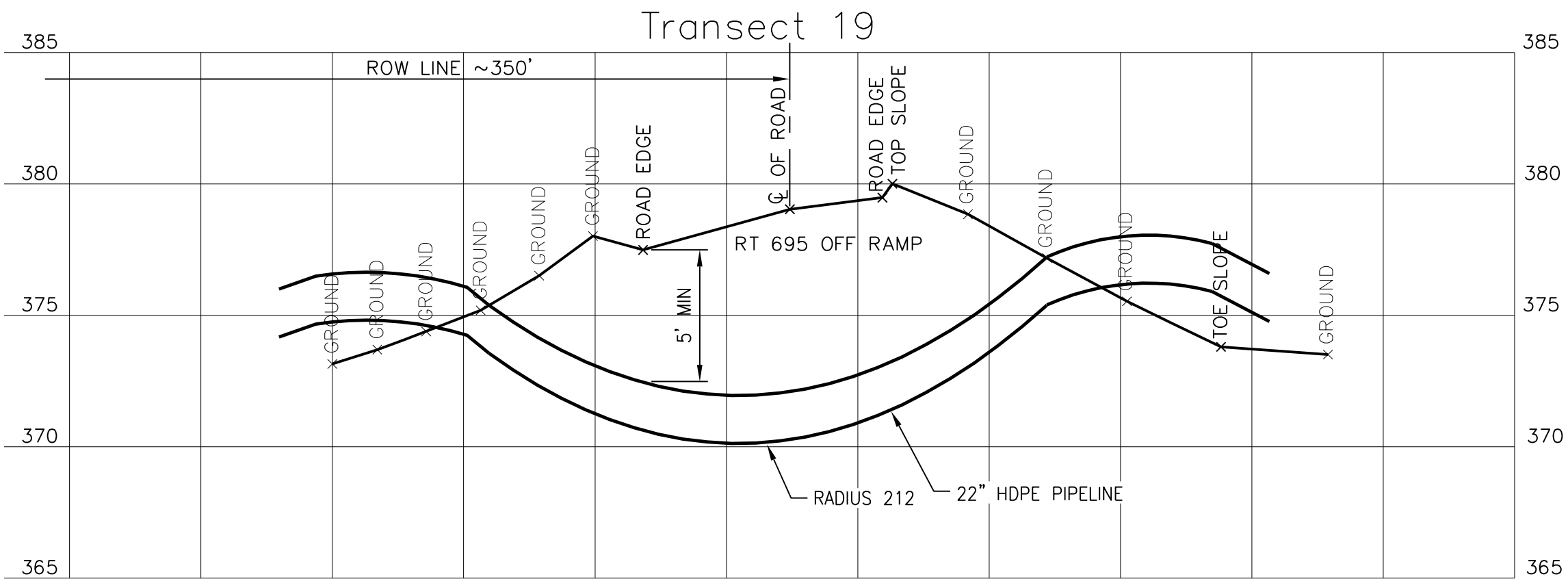
SECTION Q
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-109



SECTION R
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-110



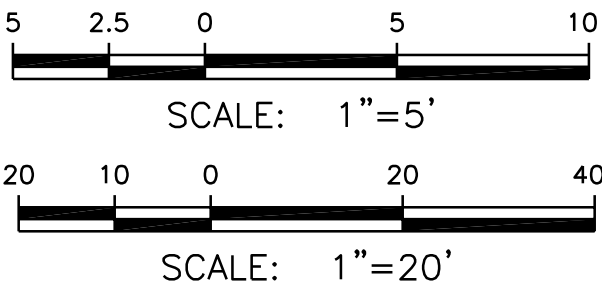
SECTION S
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-111



SECTION T
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-112

NOTES:

1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.



A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APPV'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

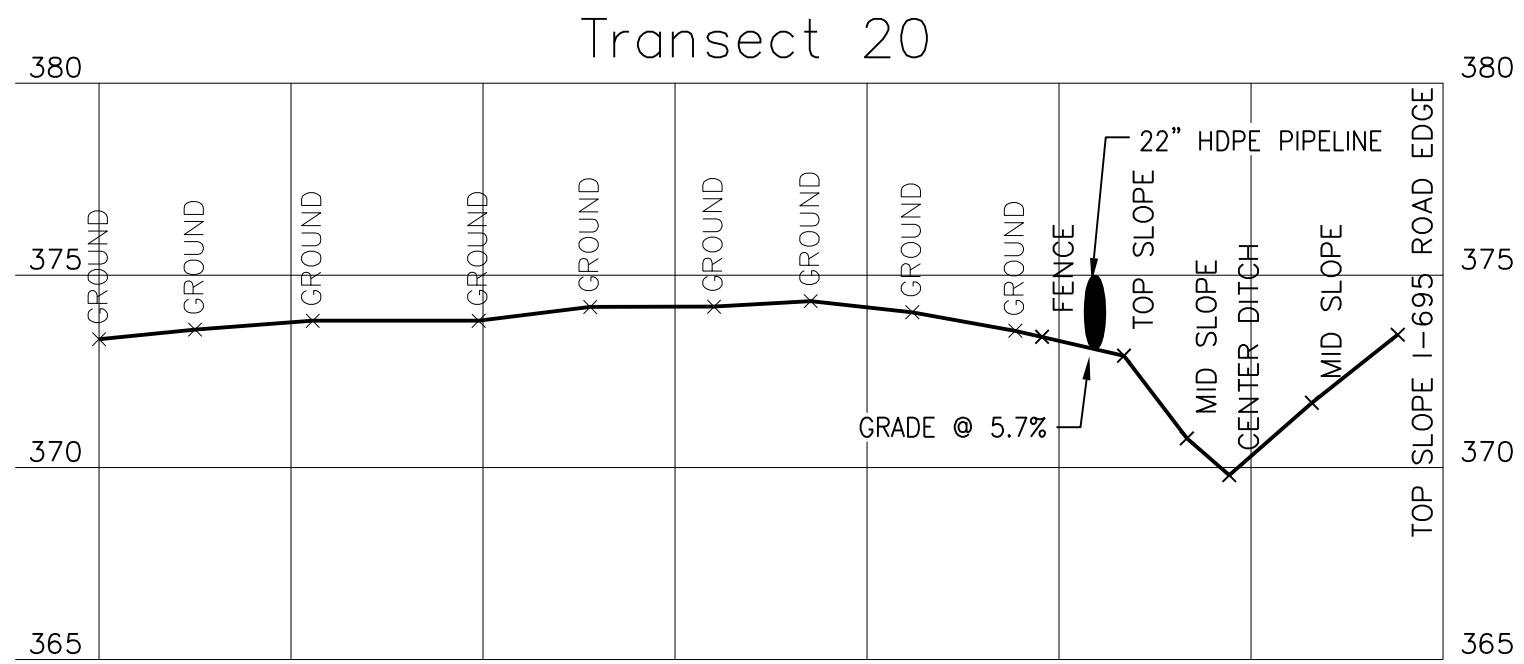
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
SECTIONS AND PROFILES
SHEET 4 OF 5

SCALE
SCALE AS NOTED
(IF PRINTED ON 22x34 SHEET)

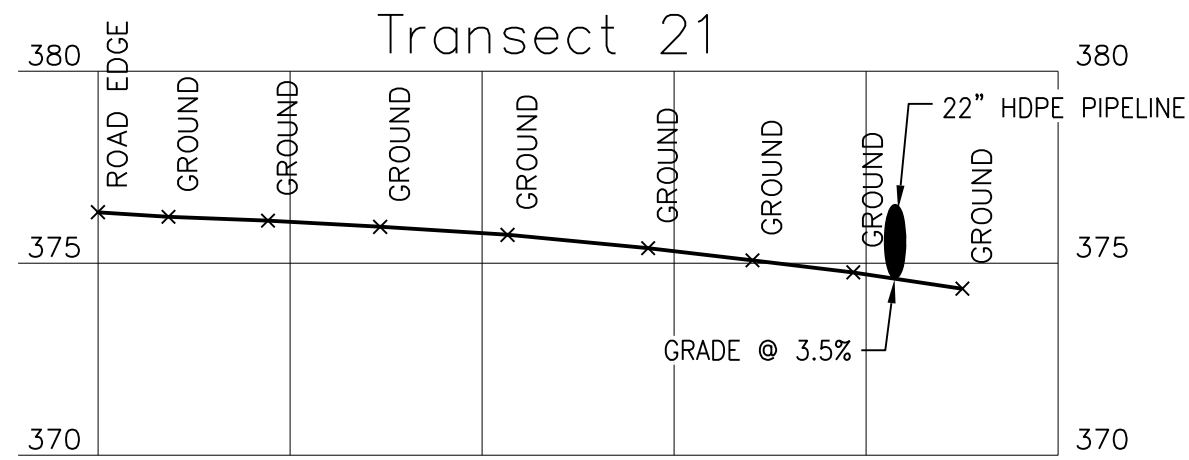
DRAWING NO.
444853-200-C-128

REV.
A

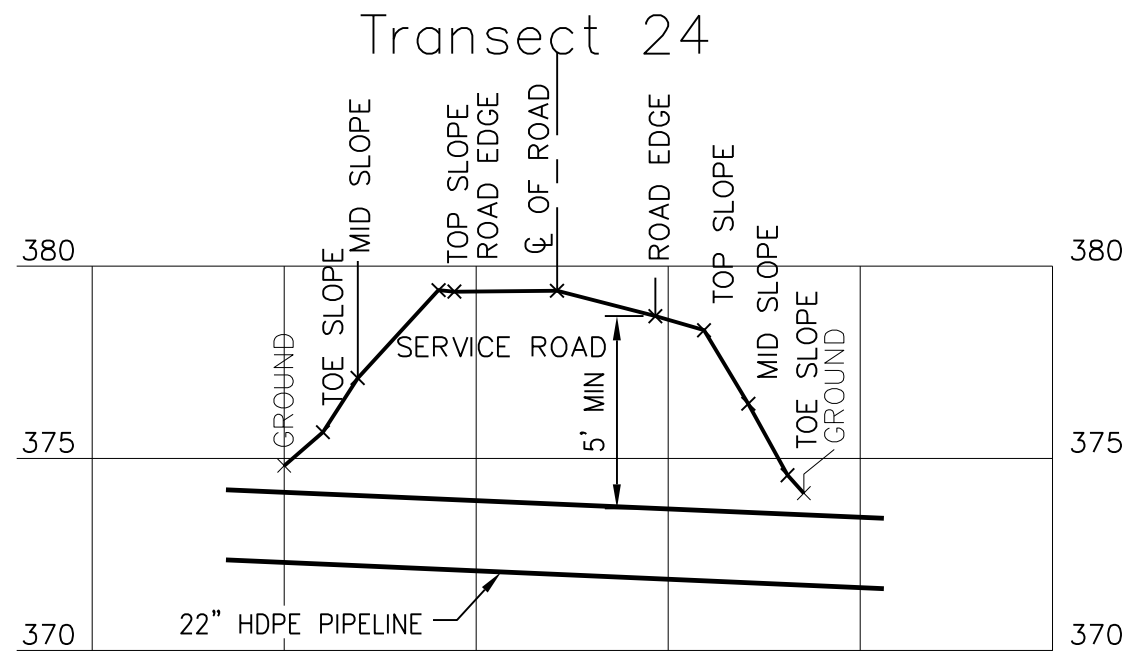
NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



SECTION **U**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-112



SECTION **V**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-113



SECTION **W**
SCALE: HORIZ. 1"=20'
VERT. 1"=5'
C-116

NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.



SCALE: 1"=5'



SCALE: 1"=20'

A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853

WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

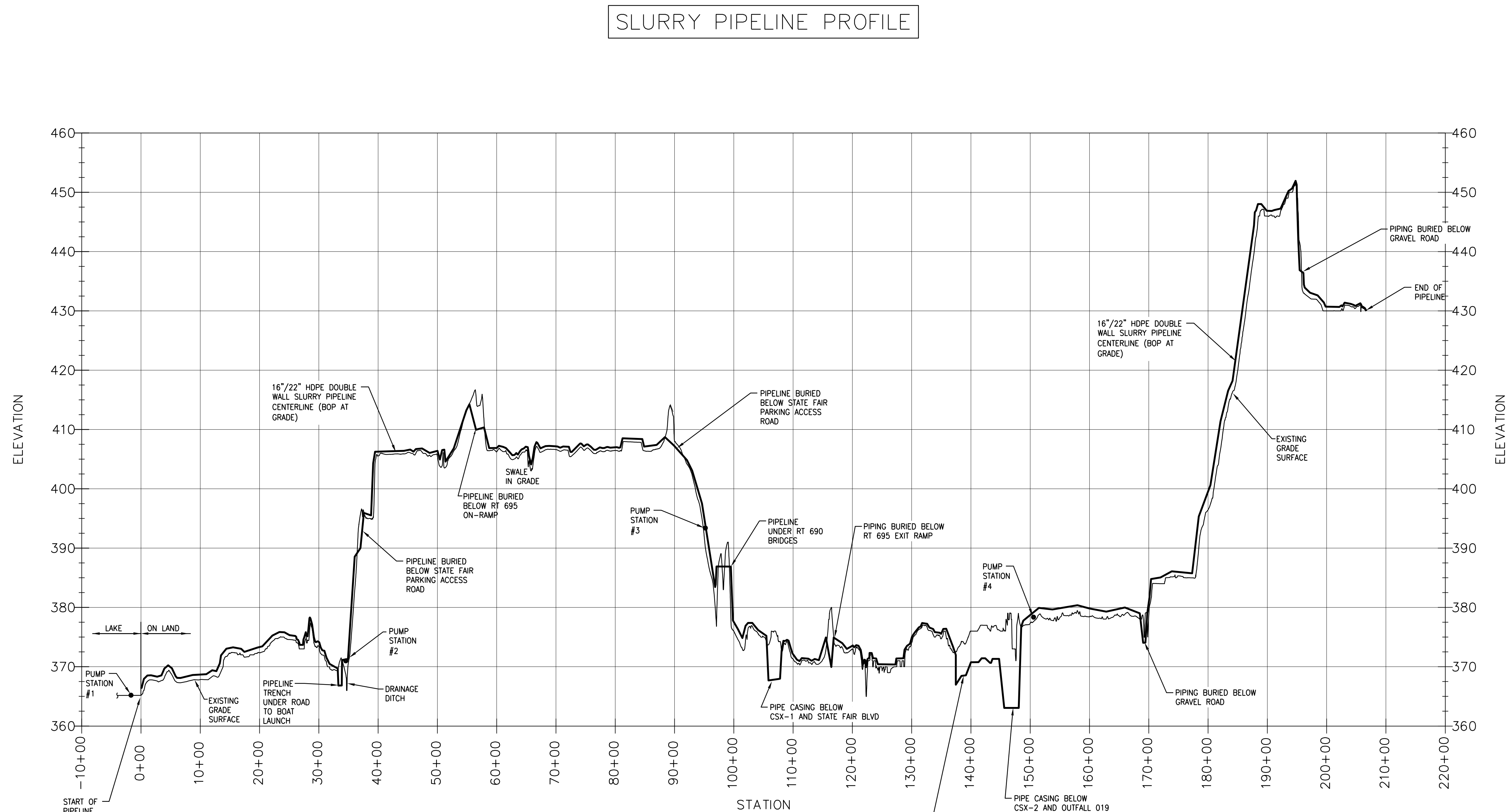
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
SECTIONS AND PROFILES
SHEET 5 OF 5

SCALE
SCALE AS NOTED
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-129

REV.
A

- 1
- 2
- 3



A	ISSUED FOR DRAFT FINAL DESIGN				1/21/11	JTS	XH	DOS	
NO.	DESCRIPTION				DATE	DRAWN	CHK'D	APP'V'D	
DRAWN BY		DATE		SEAL					
CHECKED BY		DATE							
APPROVED BY		DATE							
PROJECT MGR.		DATE							

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE	JOB
301 PLAINFIELD ROAD	444853
SYRACUSE, NY 13212	WBS
(315) 451-9560	04620

PROJECT TITLE

Honeywell

ONONDAGA LAKE

SEDIMENT MANAGEMENT DESIGN

SYRACUSE, NEW YORK

DRAWING TITLE

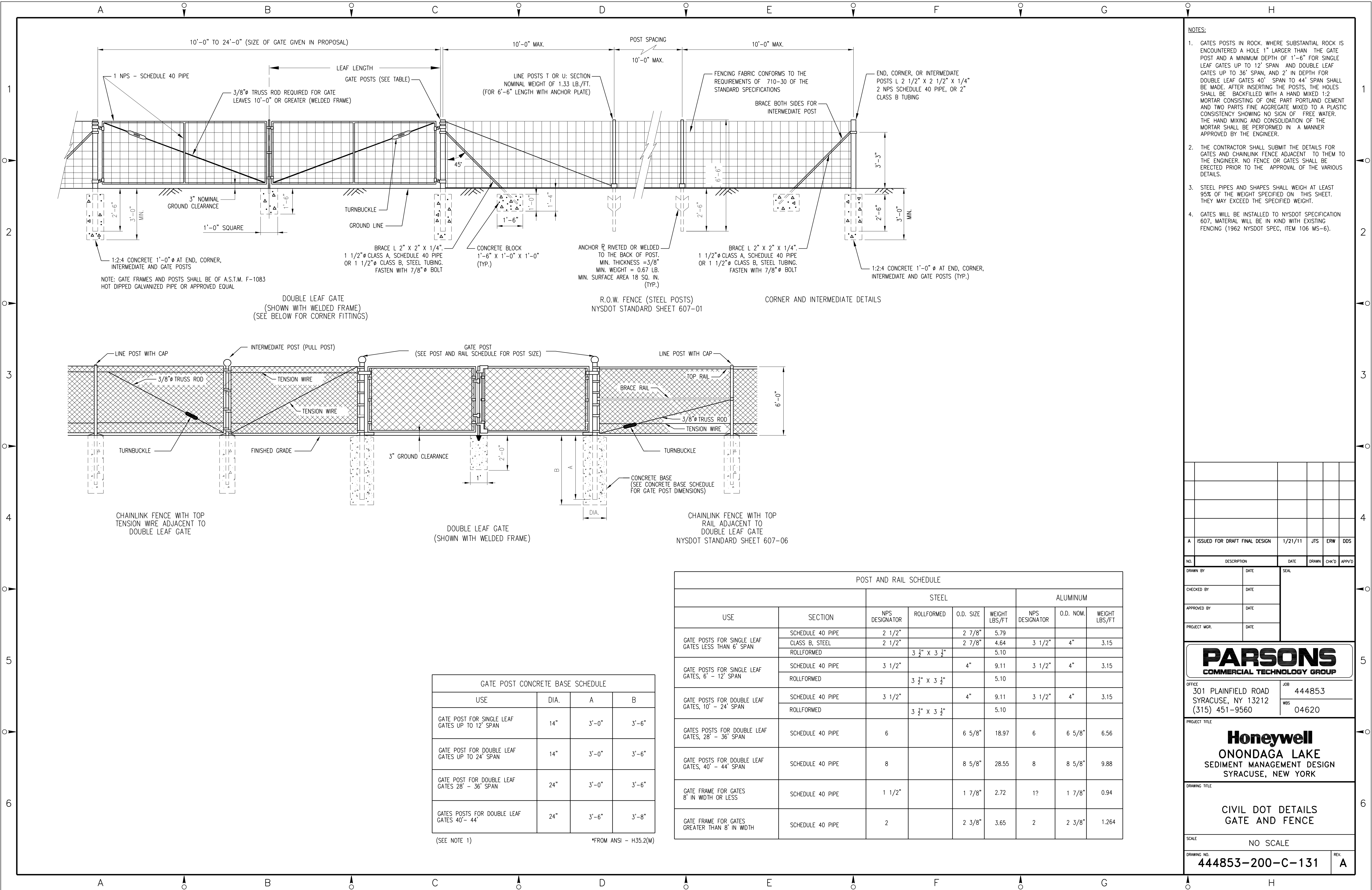
SLURRY PIPELINE
ALIGNMENT PROFILE

SCALE AS NOTED

DRAWING NO.
444853-200-C-130

FILE NAME: P:\HONEYWELL -SYR\444853 - LAKE DETAIL DESIGN\TO TECHNICAL CATEGORIES\TO CAD\DESIGN_TASK 200 SED-MGMT DESIGN\CVL\444853-200-C-130.DWG
PLOT DATE: 1/19/2011 12:17 PM PLOTTED BY: SIVALIA, JACK

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DRAWING MAY BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



NOTES:

- GATES POSTS IN ROCK, WHERE SUBSTANTIAL ROCK IS ENCOUNTERED A HOLE 1" LARGER THAN THE GATE POST AND A MINIMUM DEPTH OF 1'-6" FOR SINGLE LEAF GATES UP TO 12' SPAN AND DOUBLE LEAF GATES UP TO 36' SPAN, AND 2' IN DEPTH FOR DOUBLE LEAF GATES 40' SPAN TO 44' SPAN SHALL BE MADE. AFTER INSERTING THE POSTS, THE HOLES SHALL BE BACKFILLED WITH A HAND MIXED 1:2 MORTAR CONSISTING OF ONE PART PORTLAND CEMENT AND TWO PARTS FINE AGGREGATE MIXED TO A PLASTIC CONSISTENCY SHOWING NO SIGN OF FREE WATER. THE HAND MIXING AND CONSOLIDATION OF THE MORTAR SHALL BE PERFORMED IN A MANNER APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL SUBMIT THE DETAILS FOR GATES AND CHAINLINK FENCE ADJACENT TO THEM TO THE ENGINEER. NO FENCE OR GATES SHALL BE ERECTED PRIOR TO THE APPROVAL OF THE VARIOUS DETAILS.
- STEEL PIPES AND SHAPES SHALL WEIGH AT LEAST 95% OF THE WEIGHT SPECIFIED ON THIS SHEET. THEY MAY EXCEED THE SPECIFIED WEIGHT.
- GATES WILL BE INSTALLED TO NYSDOT SPECIFICATION 607, MATERIAL WILL BE IN KIND WITH EXISTING FENCING (1962 NYSDOT SPEC, ITEM 106 MS-6).

A ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS ERW DDS

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE 301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB 444853
WBS 04620

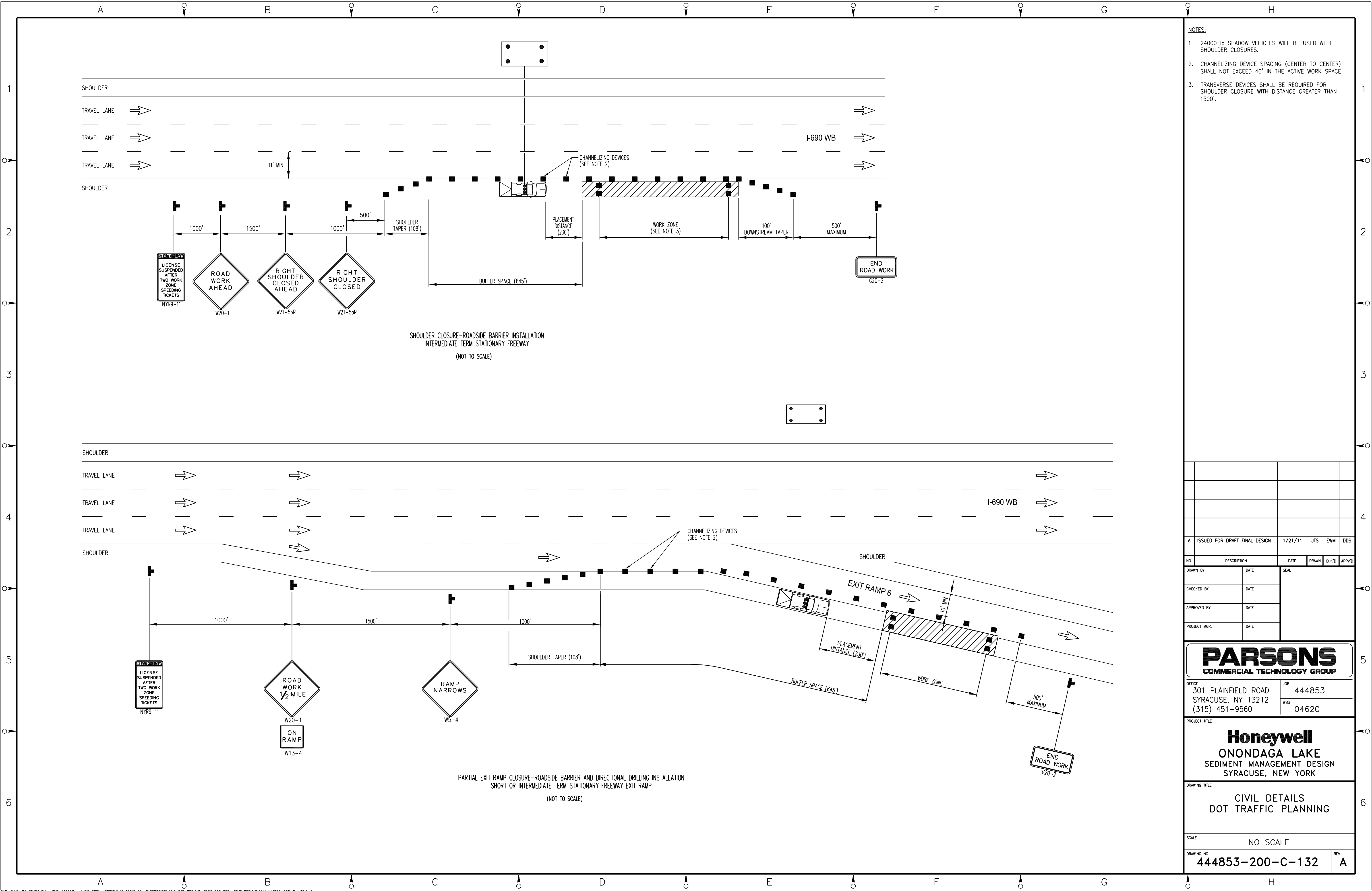
PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
CIVIL DOT DETAILS
GATE AND FENCE

SCALE NO SCALE

DRAWING NO. **444853-200-C-131** REV. **A**

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



- NOTES:
- 24000 lb SHADOW VEHICLES WILL BE USED WITH SHOULDER CLOSURES.
 - CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
 - TRANSVERSE DEVICES SHALL BE REQUIRED FOR SHOULDER CLOSURE WITH DISTANCE GREATER THAN 1500'.

A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	EWM	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

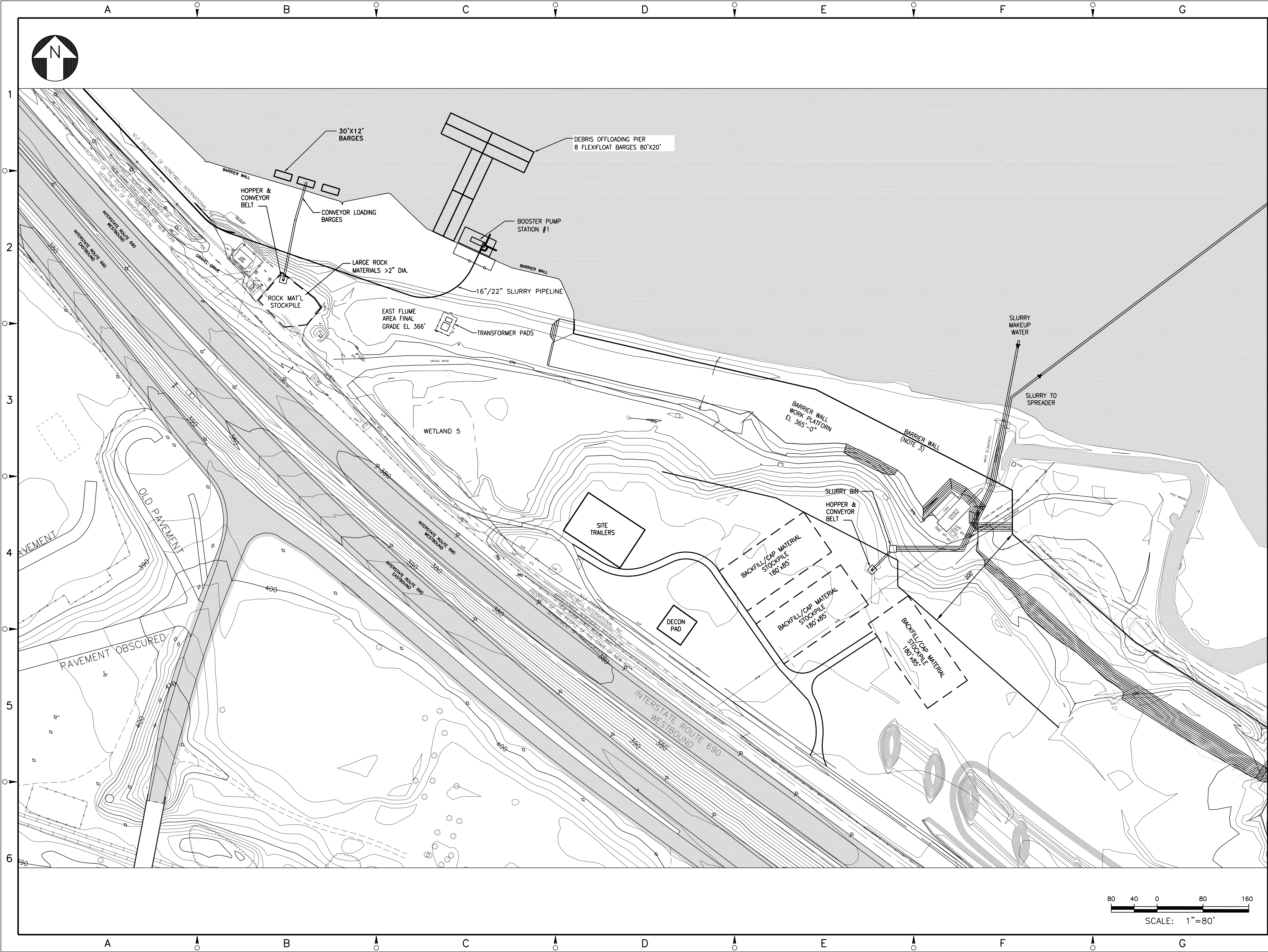
DRAWING TITLE
CIVIL DETAILS
DOT TRAFFIC PLANNING

SCALE
NO SCALE

DRAWING NO.
444853-200-C-132

REV.
A

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



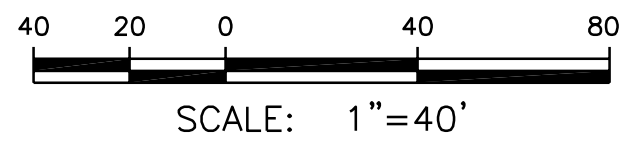
- NOTES:
- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
 - EXISTING AND PROPOSED GRADE CONTOURS NEAR THE BARRIER WALL ARE SHOWN. SITE MODIFICATIONS AND RESTORATION OF THIS AREA IS IN PROGRESS AND WILL BE DETAILED IN THE FINAL DESIGN.

LEGEND:

----- PROPERTY LINE

----- WETLAND BOUNDARY

A	ISSUED FOR DRAFT FINAL DESIGN				1/21/11	JTS	XH	DDS	
NO.	DESCRIPTION				DATE	DRAWN	CHK'D	APP'D	
DRAWN BY					DATE	SEAL			
CHECKED BY					DATE				
APPROVED BY					DATE				
PROJECT MGR.					DATE				

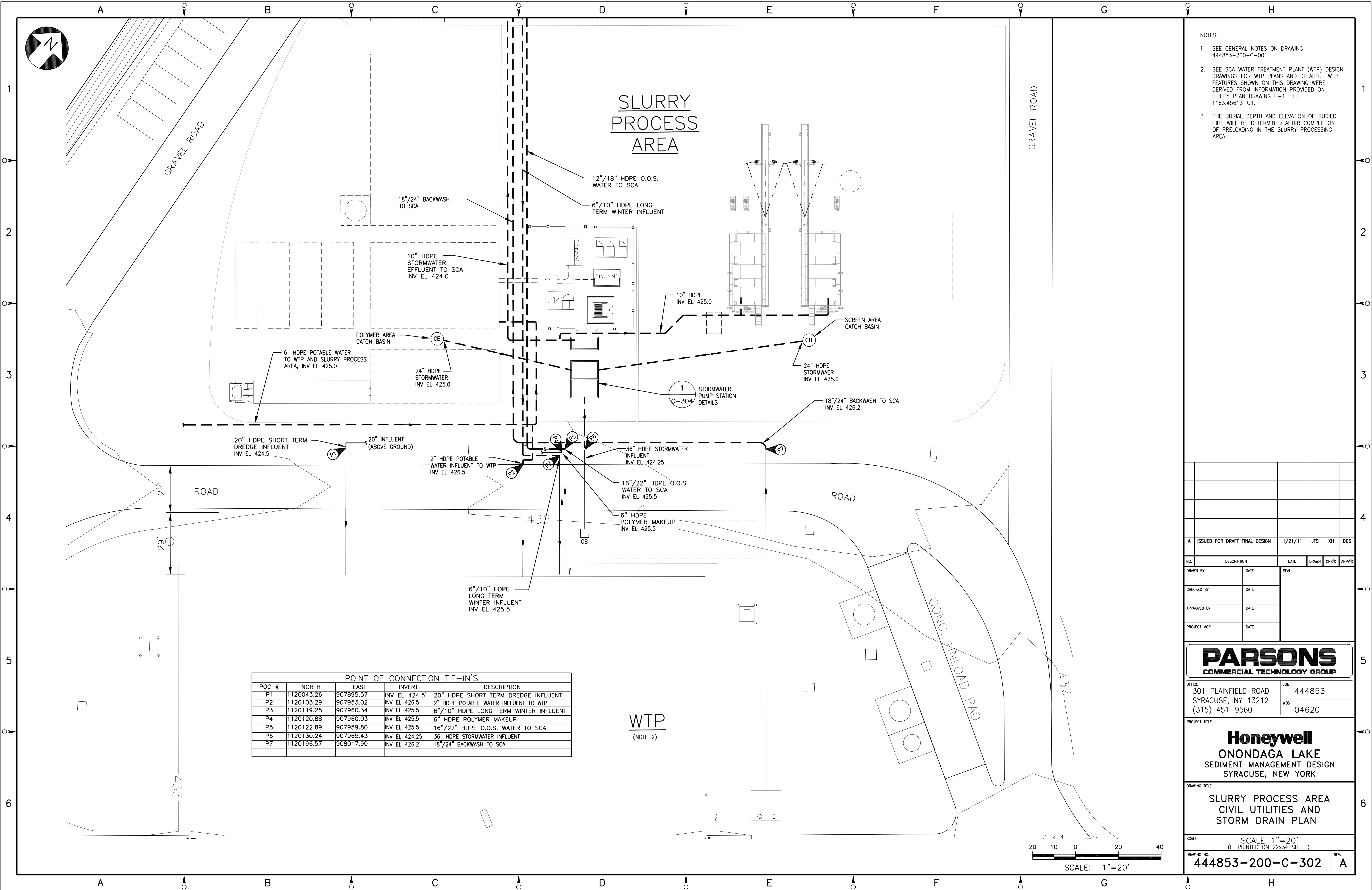


LIMIT OF ASHALT

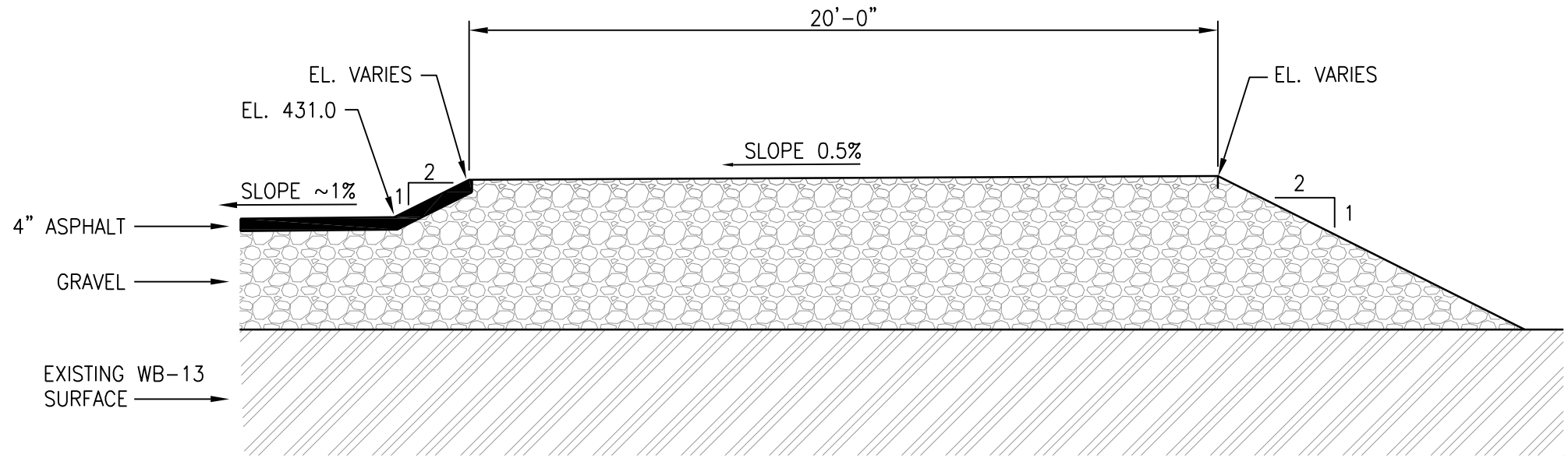
H

PLOT DATE: 1/18/2011 7:46 PM PLOTTED BY: GOLDTHWAIT, JAMES

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.

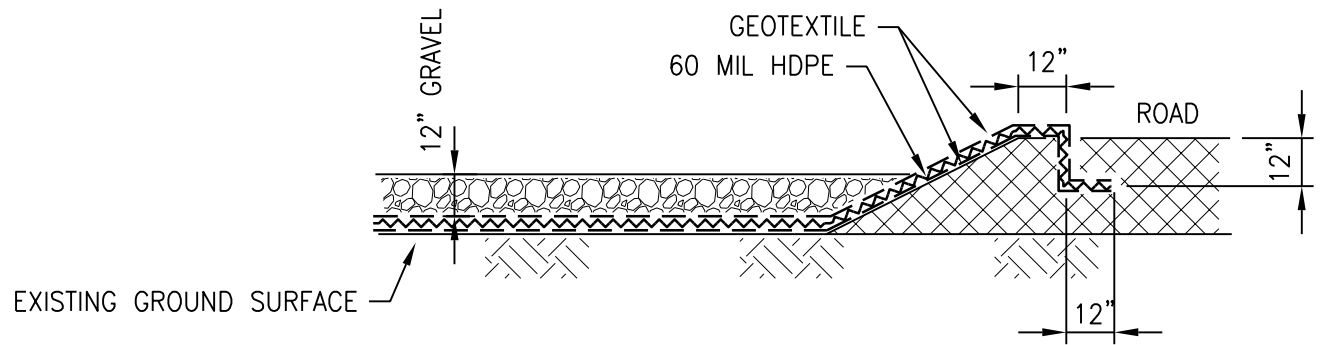


NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



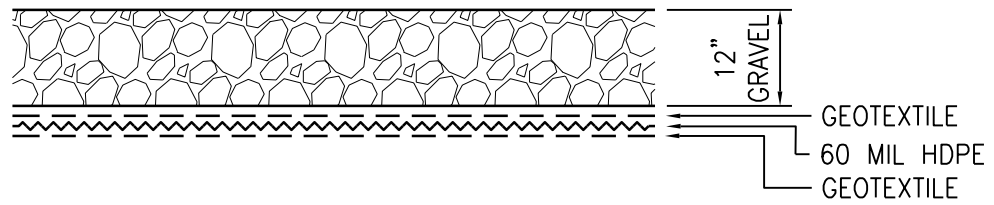
TYPICAL ROAD CROSS-SECTION

SECTION **A**
SCALE: 1/4" = 1'-0" C-301



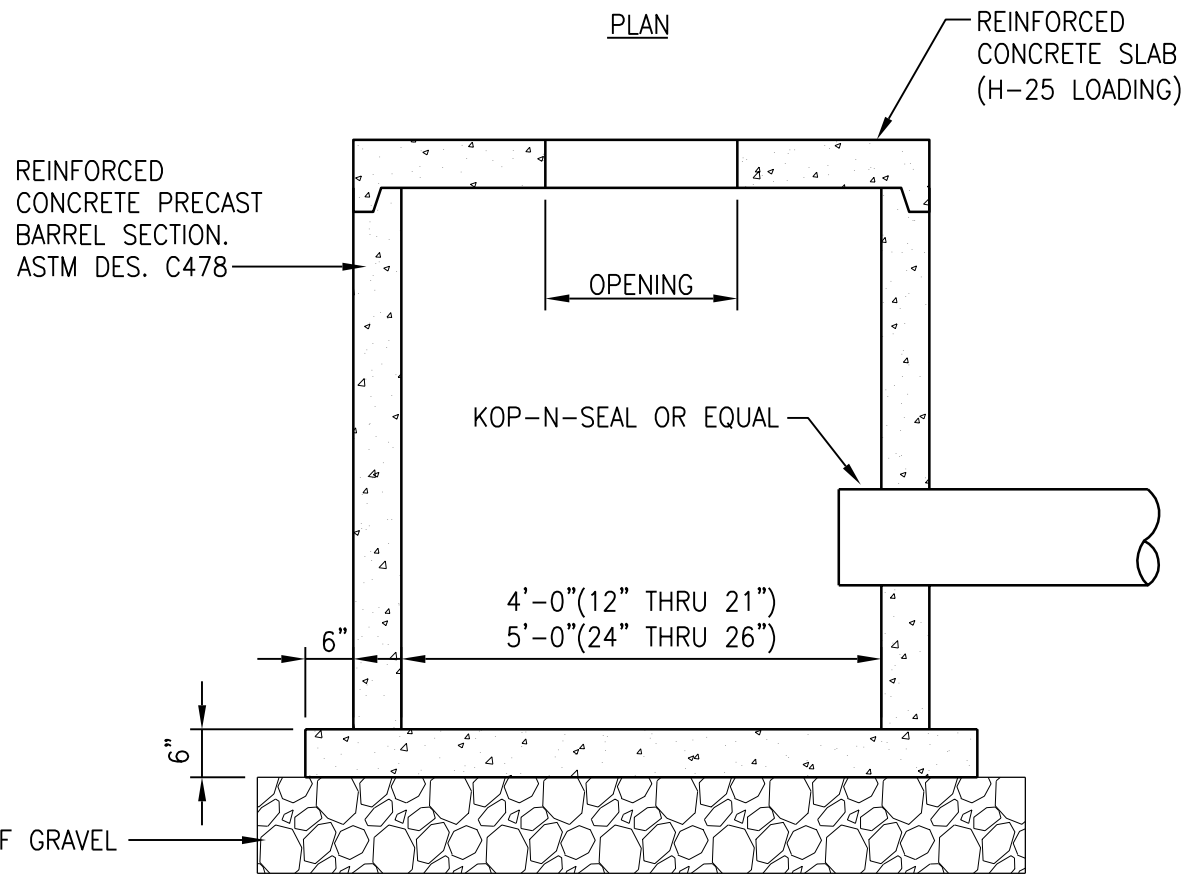
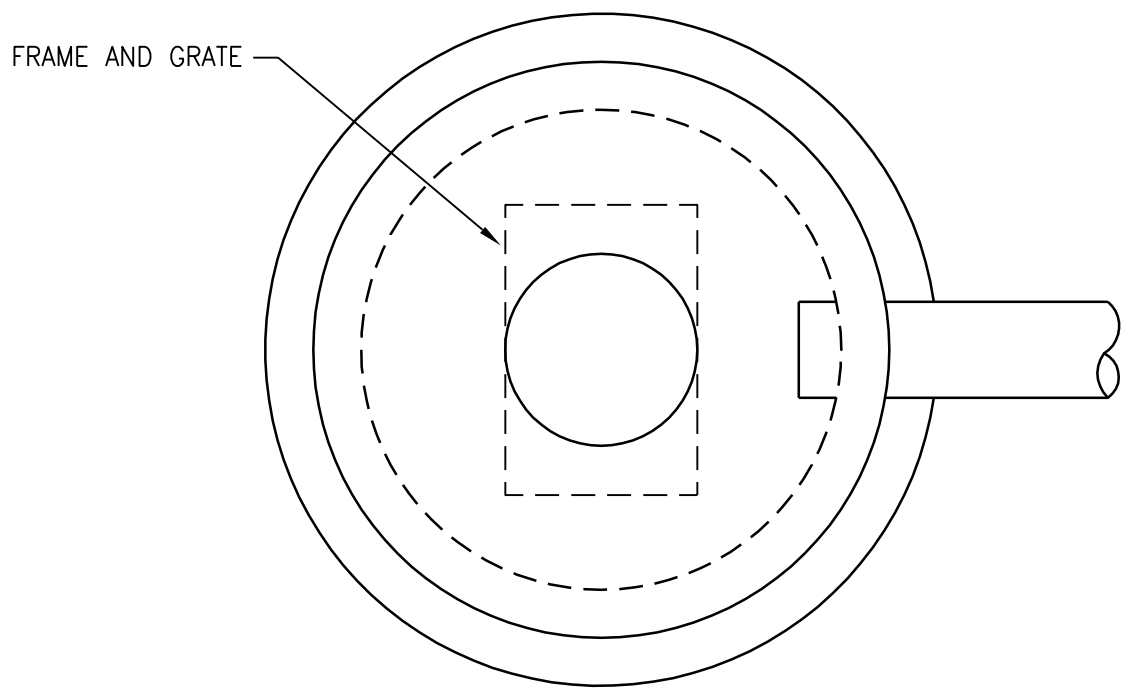
SEPARATED MATERIAL MANAGEMENT AREA TYPICAL ROAD EDGE

SECTION **B**
SCALE: NTS C-301



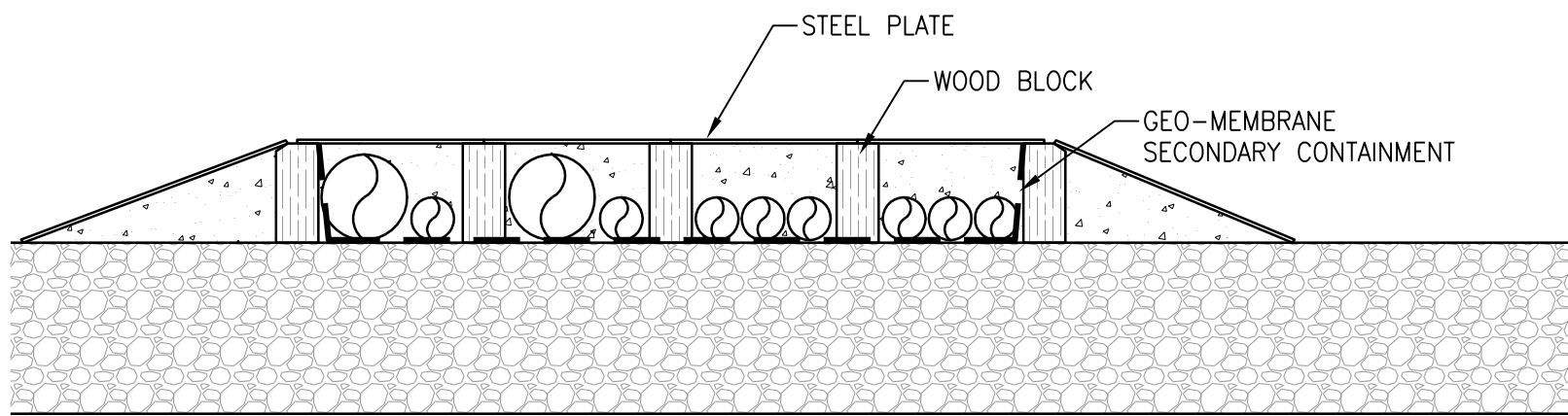
SEPARATED MATERIAL MANAGEMENT AREA TYPICAL LINER

SECTION **C**
SCALE: NTS C-301



TYPICAL CATCH BASIN DETAIL

DETAIL **1**
SCALE: 1/2" = 1'-0" C-301



ROAD PIPE CROSSING RAMP (CONCEPT ONLY)

SECTION **D**
SCALE: 1/4" = 1'-0" C-301

A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	SBM	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APPV'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853

WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PROCESS AREA
CIVIL SECTIONS AND DETAILS

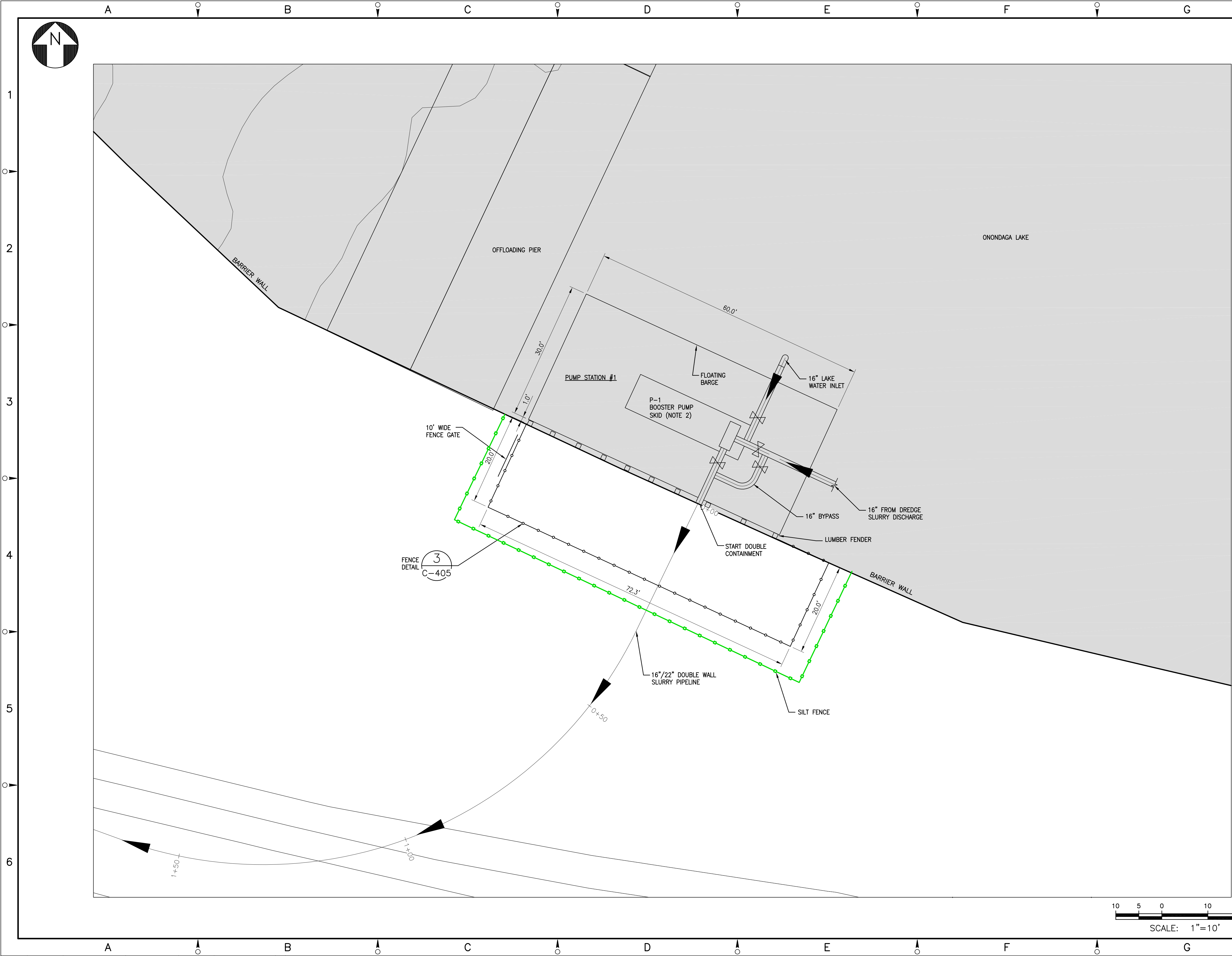
SCALE
SCALE 1/4" = 1'-0"
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-303

REV.
A

A vertical line with three points labeled 1, 2, and 3. Each point is marked with a small circle and a right-pointing arrow.

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, EITHER AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



- NOTES:**
- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
 - BOOSTER PUMP SKID IS LOCATED ON A FLOATING BARGE ADJACENT TO BARRIER WALL; SEE P&ID'S FOR BOOSTER PUMP COMPONENTS.
 - PIPING LAYOUT PENDING VENDOR DESIGN.
 - SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND:

—○—○—○— SILT FENCE

A	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'Y'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

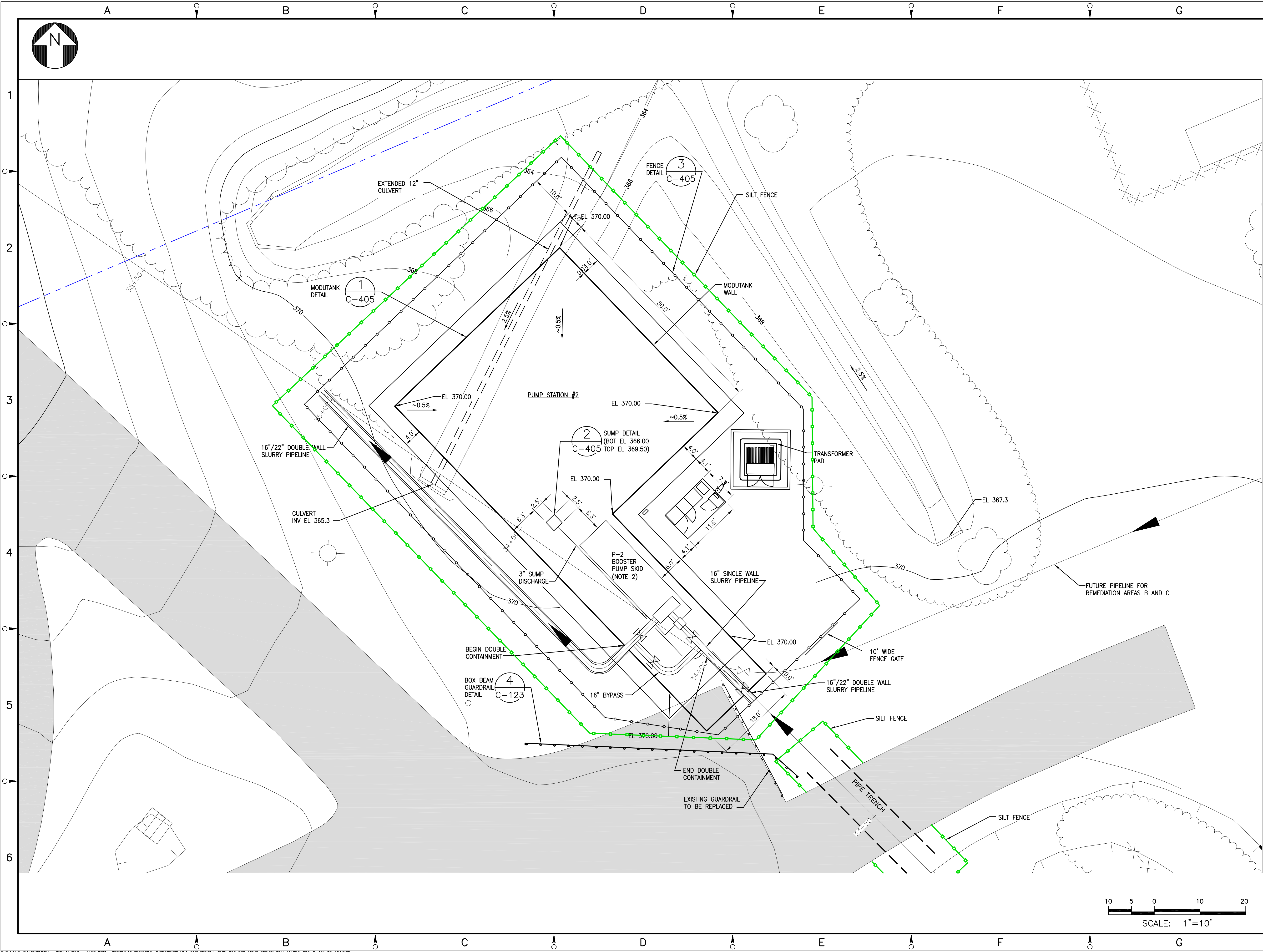
DRAWING TITLE
SLURRY PIPELINE
BOOSTER PUMP 1
PUMP STATION PLAN

SCALE
SCALE 1"= 10'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-401

REV.
B

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
- BOOSTER PUMP SKID, SEE P&ID'S FOR COMPONENTS.
- PIPING LAYOUT PENDING VENDOR DESIGN.
- SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND:

PROPERTY LINE

SILT FENCE

B	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE

Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

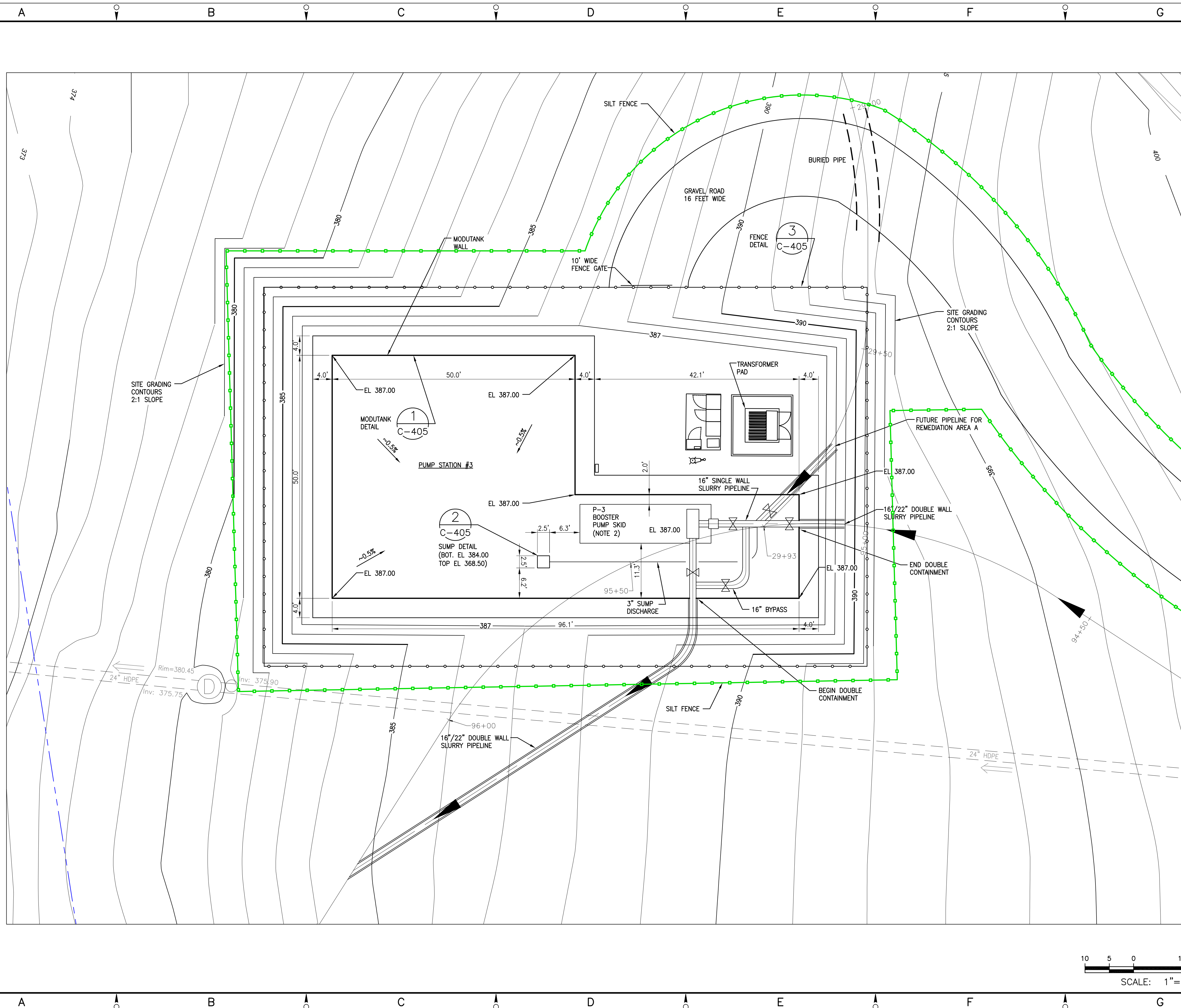

DRAWING TITLE

**SLURRY PIPELINE
BOOSTER PUMP 2
PUMP STATION PLAN**

SCALE 1"= 10'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. **444853-200-C-402**

REV. **B**



1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. BOOSTER PUMP SKID, SEE P&ID'S FOR COMPONENTS.
3. PIPING LAYOUT PENDING VENDOR DESIGN.
4. SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS

PROPERTY LINE

SILT FENCE

B	ISSUED FOR SWPPP	2/22/11	JTS	XH	DD				
A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DD				
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APPR.				
DRAWN BY	DATE	SEAL							
CHECKED BY	DATE								
APPROVED BY	DATE								
PROJECT MGR.	DATE								

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB	444853
WBS	04620

PROJECT TITLE

Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE
BOOSTER PUMP 3
PUMP STATION PLAN

SCALE

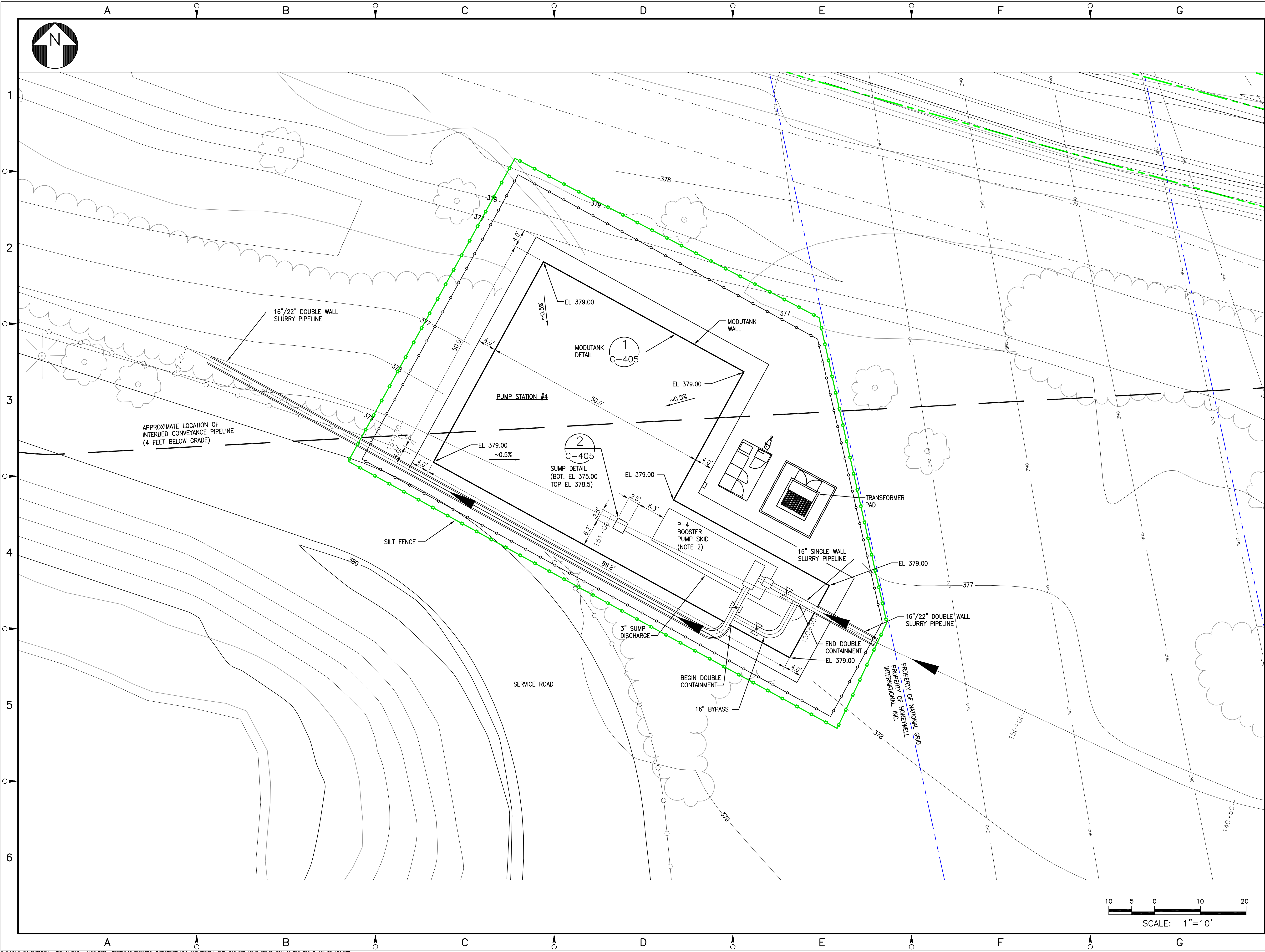
SCALE SCALE 1"= 10'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.

DRAWING NO. 444853-200-C-403

	REV
--	-----

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.



NOTES:

- SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
- BOOSTER PUMP SKID, SEE P&ID'S FOR COMPONENTS.
- PIPING LAYOUT PENDING VENDOR DESIGN.
- SEE DRAWING 444853-200-C-406 FOR EROSION AND SEDIMENT CONTROL DETAILS.

LEGEND:

PROPERTY LINE

SILT FENCE

B	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
A	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'Y'D
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853

WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
**SLURRY PIPELINE
BOOSTER PUMP 4
PUMP STATION PLAN**

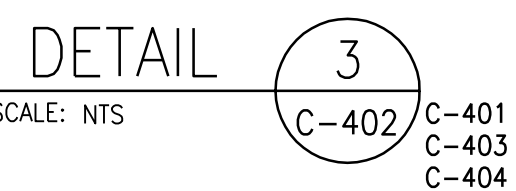
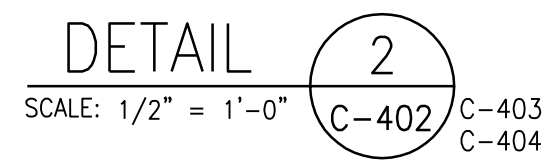
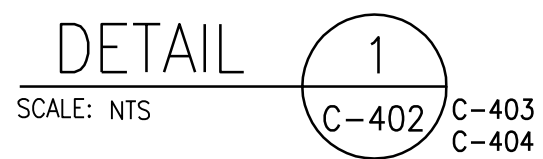
SCALE
SCALE 1"= 10'
(IF PRINTED ON 22x34 SHEET)

DRAWING NO.
444853-200-C-404

REV.
B

FILE NAME: P:\HONEYWELL -SYR\444853 - LAKE DETAIL DESIGN\10 TECHNICAL CATEGORIES\10.1 CAD\DESIGN_TASK 200 SED-MGMT DESIGN\CON\444853-200-C-401 TO 404.DWG
PLOT DATE: 2/22/2011 5:54 PM PLOTTED BY: SVALJA, JACK

FILE NAME: P:\HONEYWELL -SYR\444853 - LAKE DETAIL DESIGN\10 TECHNICAL CATEGORIES\10.1 CAD\DESIGN\TASK 200 SED-MGMT DESIGN\CIVL\444853-200-C-405.DWG
PLOT DATE: 1/19/2011 10:25 AM PLOTTED BY: SIVALIA, JACK



PARSONS

COMMERCIAL TECHNOLOGY GROUP

OFFICE

301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB

444853

WBS

04620

PROJECT TITLE

Honeywell

ONONDAGA LAKE

SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE

SLURRY PIPELINE BOOSTER PUMP STATION DETAILS

SCALE

SCALE: AS NOTED
(IF PRINTED ON 22x34 SHEET)

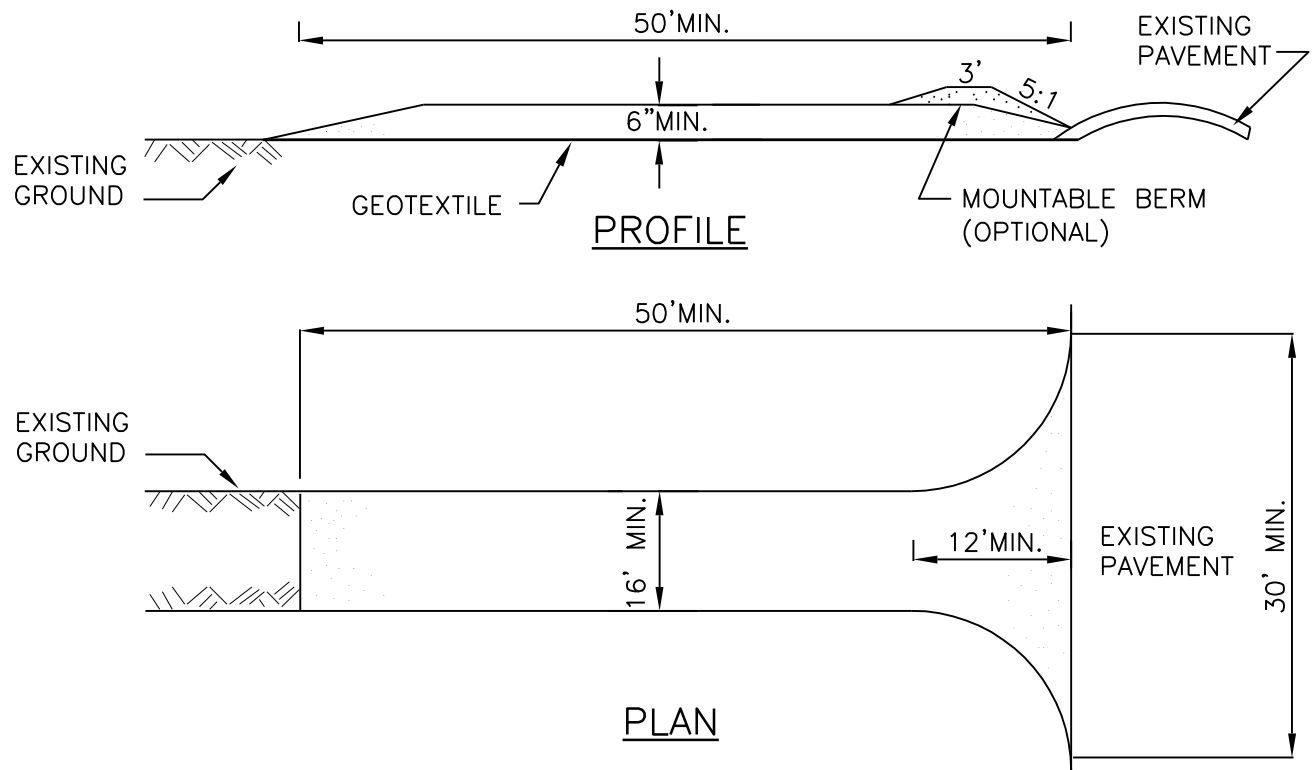
DRAWING NO.

444853-200-C-405

REV.

A

NOTICE: THIS DRAWING, THE PROPERTY OF HONEYWELL, IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.

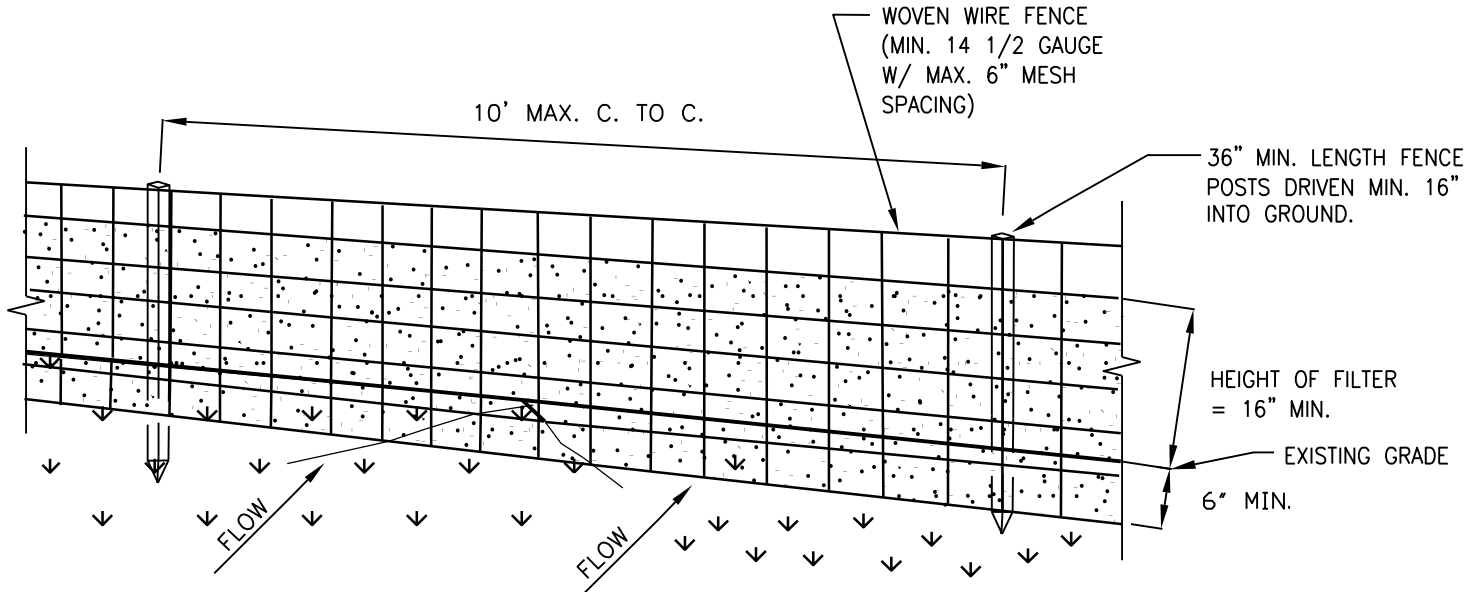


NOTES:

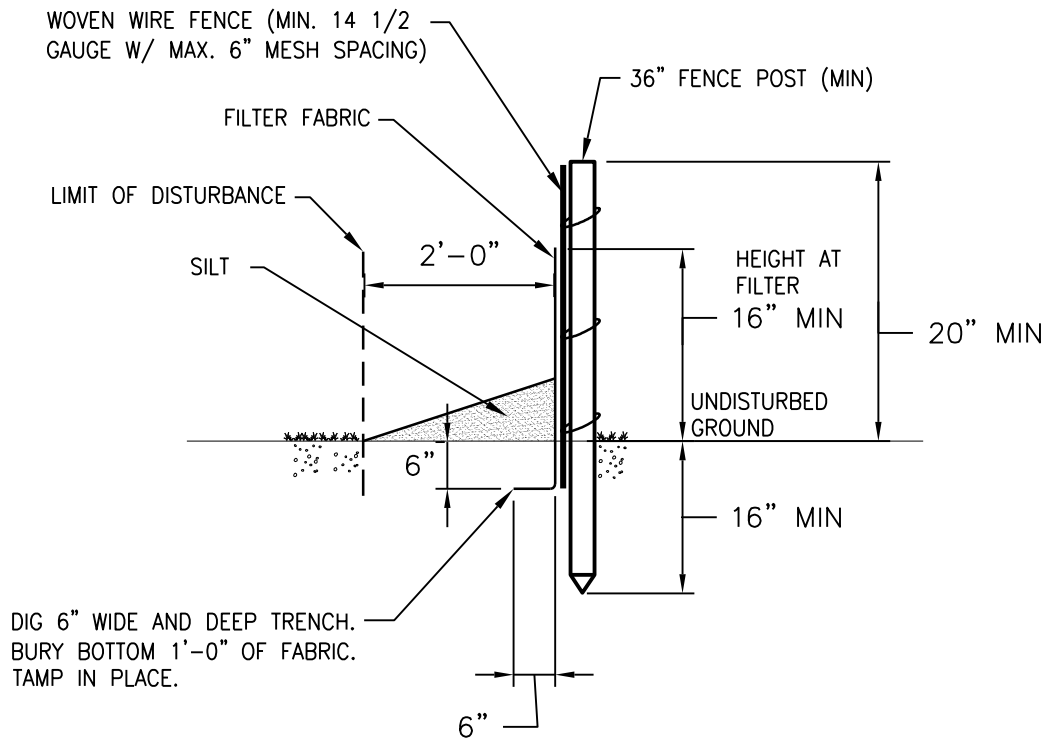
1. A STABILIZED CONSTRUCTION ENTRANCE WILL BE LOCATED AT ALL LOCATIONS WHERE SITE TRAFFIC ENTERS/EXITS PUBLIC ROADS..
2. STABILIZATION GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO GRAVEL PLACEMENT. GEOTEXTILE WILL ALSO PROVIDE SEPARATION.
3. A MINIMUM 6 IN. OF 1 TO 4 IN. CLEAN CRUSHED STONE SHALL BE PLACED TO THE DIMENSIONS INDICATED.
4. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS.
5. PERIODIC TOP-DRESSING WITH ADDITIONAL STONE MAY BE REQUIRED.
6. INSPECTION SHALL BE UNDERTAKEN FOLLOWING RAIN.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



PERSPECTIVE VIEW



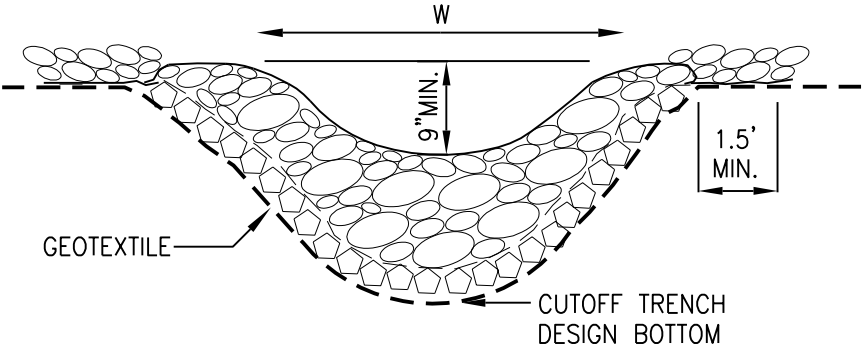
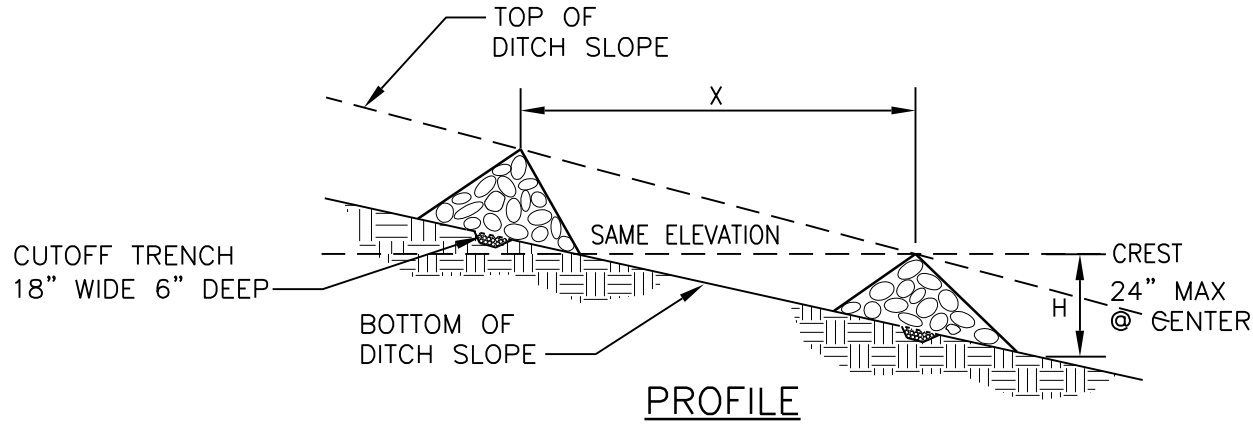
SECTION

NOTES:

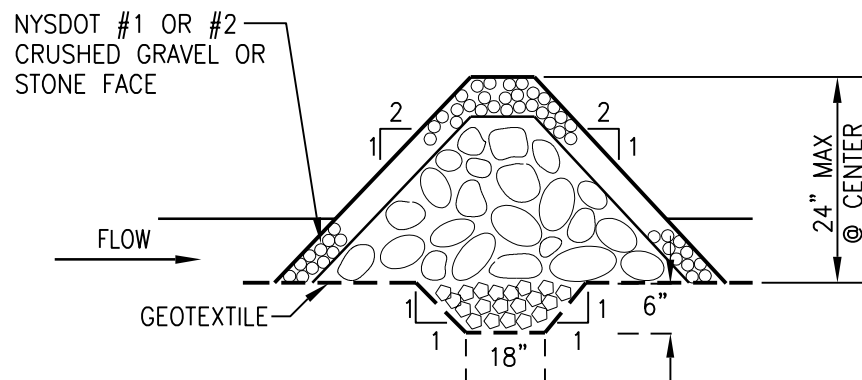
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID-SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABLINKA T14N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
6. SILT FENCE SHALL BE INSTALLED ON THE DOWNGRADIENT SIDE OF THE EARTH WORK, ALONG THE SLURRY PIPELINE WHERE SUBSURFACE PIPELINE INSTALLATION AS REQUIRED, AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

SILT FENCE

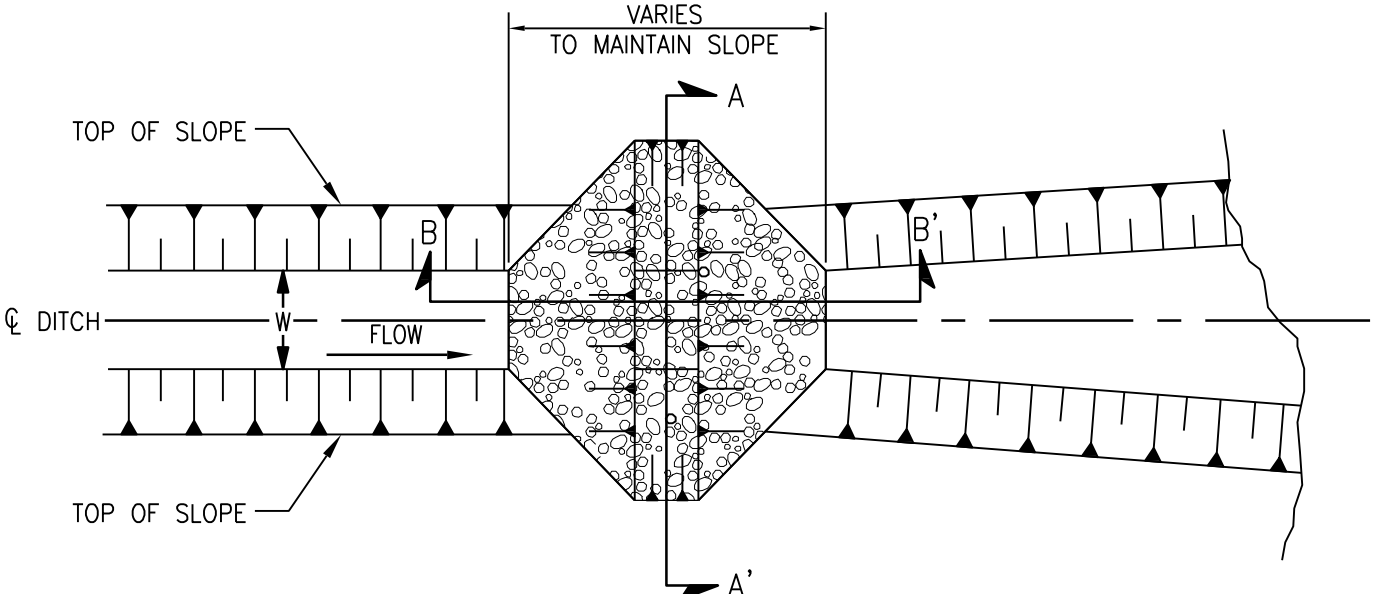
NOT TO SCALE



SECTION A-A



SECTION B-B



PLAN

NOTES:

1. THE CREST OF THE DOWNSTREAM DAM SHALL BE AT THE ELEVATION OF THE TOE OF THE UPSTREAM DAM.
2. $X \text{ (FT)} = H \text{ (FT)} / \text{SLOPE (FT/FT)}$.
3. SLOPES EXCEEDING 10% SHALL INCLUDE PROTECTION USING A ROLLED EROSION CONTROL PRODUCT (RECP), OR OTHER APPROPRIATE MATERIAL.
4. EXTEND THE STONE A MINIMUM OF 1.5 FT ABOVE THE HIGHEST EXPECTED WATER ELEVATION OR A MINIMUM OF 1.5 FT BEYOND THE LATERAL EXTENT OF THE SWALE, IN ORDER TO PREVENT CUTTING AROUND THE DAM.
5. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR RECP AS APPROPRIATE.
6. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
7. SAND/GRAVEL BAGS MAY BE SUBSTITUTED FOR STONE. BAGS MUST BE FILLED WITH CLEAN SAND/GRAVEL TO PREVENT RECEIVING WATERS FROM BECOMING TURBID.
8. IF SAND/GRAVEL BAGS ARE USED, THEY MUST BE INDIVIDUALLY TIED, DOUBLE BAGGED AND INVERSELY INSERTED. BAGS SHALL LAP THE JOINTS BETWEEN THE BAGS IN THE LAYER BELOW.

CHECK DAM

NOT TO SCALE

NOTES:

1. THE PIPELINE ANCHOR WILL HAVE MINIMAL DISTURBANCE TO THE AREA, SO A SILT FENCE IS NOT NECESSARY. ANY DISTURBED SOIL WILL BE REGRADED, AND THE AREAS WILL BE FERTILIZED, RESEED, AND MULCHED AS APPROPRIATE. THE AREAS WILL BE PERIODICALLY INSPECTED AND PROPERLY MAINTAINED.

A	ISSUED FOR SWPPP	2/22/11	JTS	XH	DDS
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	DATE	SEAL			
CHECKED BY	DATE				
APPROVED BY	DATE				
PROJECT MGR.	DATE				

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560

JOB
444853
WBS
04620

PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
EROSION AND SEDIMENT
CONTROL DETAILS

SCALE
NO SCALE

DRAWING NO.
444853-200-C-406

REV.
A