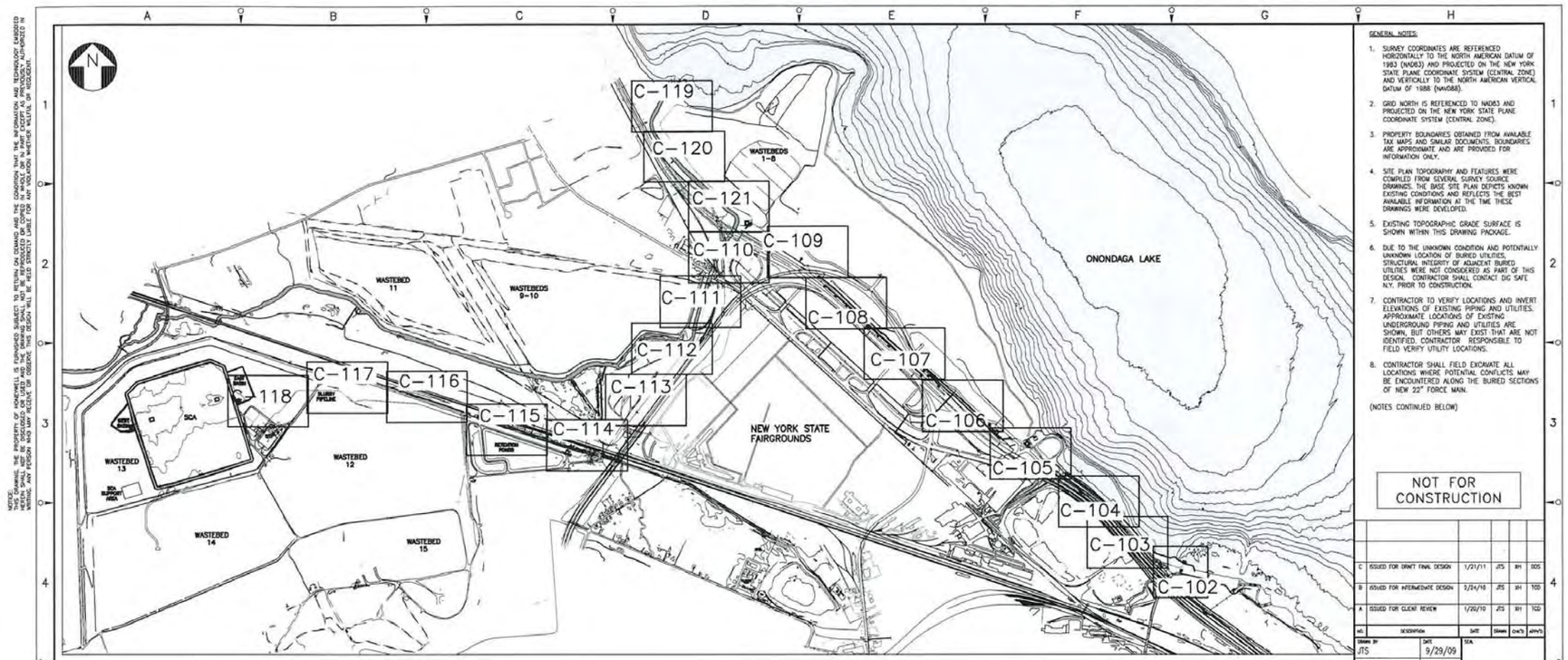
APPENDIX III. PROJECT PLANS



GENERAL NOTES:

1. 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 (NAVD88).
2. GRID NORTH IS REFERENCED TO NAD83 AND PROJECTED ON THE NEW YORK STATE PLANE COORDINATE SYSTEM (CENTRAL ZONE).
3. PROPERTY BOUNDARIES OBTAINED FROM AVAILABLE TAX MAPS AND SIMILAR DOCUMENTS. BOUNDARIES ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATION ONLY.
4. 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.
5. EXISTING TOPOGRAPHIC GRADE SURFACE IS SHOWN WITHIN THIS DRAWING PACKAGE.
6. 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.
7. 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.
8. CONTRACTOR SHALL FIELD EXCAVATE ALL LOCATIONS WHERE POTENTIAL CONFLICTS MAY BE ENCOUNTERED ALONG THE BURIED SECTIONS OF NEW 22" FORCE MAIN.

(NOTES CONTINUED BELOW)

NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APPV'D
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	RH	SDS
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	RH	TCG
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	RH	TCG

DRAWN BY JTS DATE 9/29/09
CHECKED BY DATE
APPROVED BY DATE
PROJECT MGR. DATE
SEAL

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. C

GENERAL LEGEND

- POINT OF CONNECTION TIE-IN NUMBER BETWEEN NEW AND EXISTING PIPING (OR BETWEEN CONTRACTS)
- 16"/22" SLURRY PIPELINE
- EXISTING FORCE MAINS
- BUILDING LINE
- PAVEMENT EDGE
- APPROXIMATE PROPERTY LINE
- APPROXIMATE ROADWAY BOUNDARY
- STONE RIP-RAP
- SPOT ELEVATION
- BOLLARD
- TESTING PIPE FOUND
- SURVEY CONTROL POINT
- SIGN - SINGLE POST
- SIGN - DOUBLE POST
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- UTILITY POLE
- GUY WIRE & ANCHOR
- CONCRETE STRUCTURE
- CATCH BASINS
- MANHOLE
- ELECTRIC MANHOLE
- GAS LINE MARKER
- HYDRANT
- WATER VALVE
- MONITORING WELL

ABBREVIATIONS

BP	ALIGNMENT BEGINNING POINT
EP	ALIGNMENT END POINT
PC	TANGENT CURVE INTERSECTION
PT	CURVE TANGENT INTERSECTION
PI	POINT OF INTERSECTION
Asp.	ASPHALT
Bot.	BOTTOM
CC	CURB CUT
CI	CAST IRON
Conc.	CONCRETE
ELEV.	ELEVATION
FF	FIRST FLOOR ELEVATION
Inv.	INVERT
N / F	NOW OR FORMERLY
NM	NIAGARA MOHAWK
Pvmt.	PAVEMENT
STY.	STORY
OHW	OVERHEAD WIRES
L	LENGTH
R	RADIUS

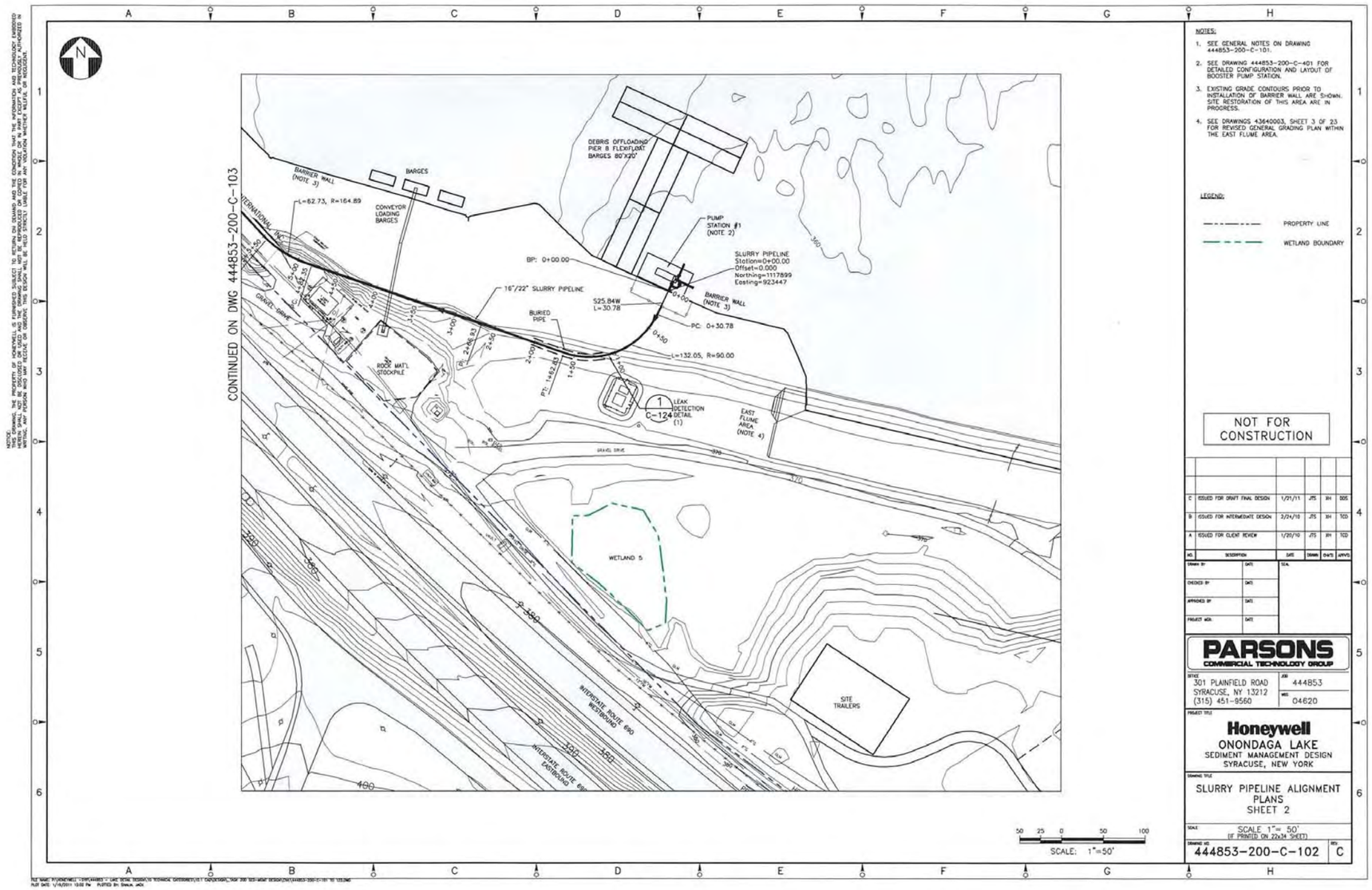
GENERAL NOTES: (CONTINUED)

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 (WOODING) 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 PERFOLIATUM, 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 FOURTY 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



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.

LEGEND:

PROPERTY LINE

WETLAND BOUNDARY

NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	DRWN	CHKD	APRVD
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	XH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	3/24/10	JTS	XH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	XH	TCD

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

PARSONS
COMMERCIAL TECHNOLOGY GROUP

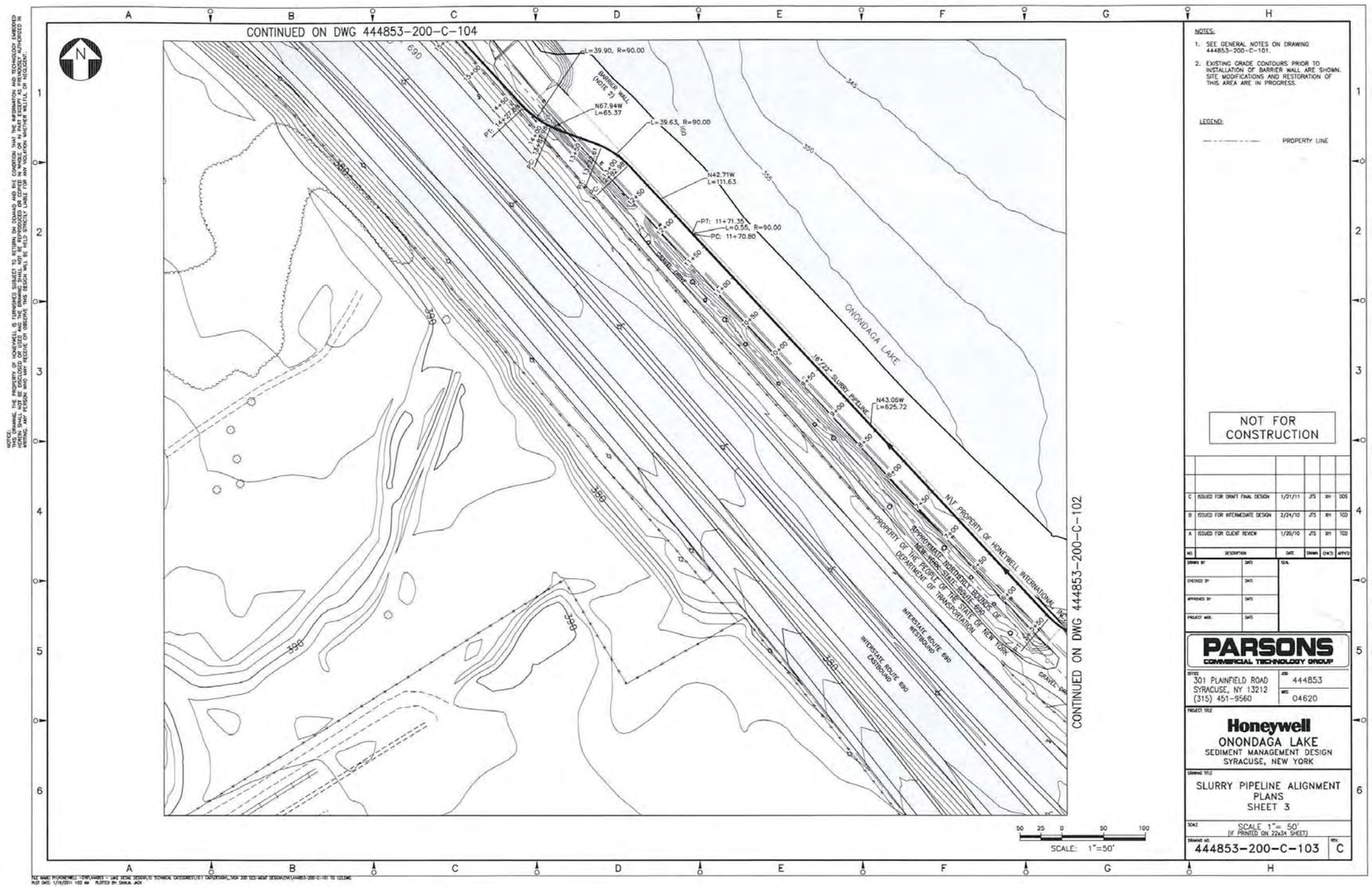
OFFICE 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560
JOB 444853
WBS 04620

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. C



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

NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APPV'D
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	RH	DCG
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	RH	TCD
A	ISSUED FOR CLIENT REVIEW	1/29/10	JTS	RH	TCD

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

PARSONS
COMMERCIAL TECHNOLOGY GROUP

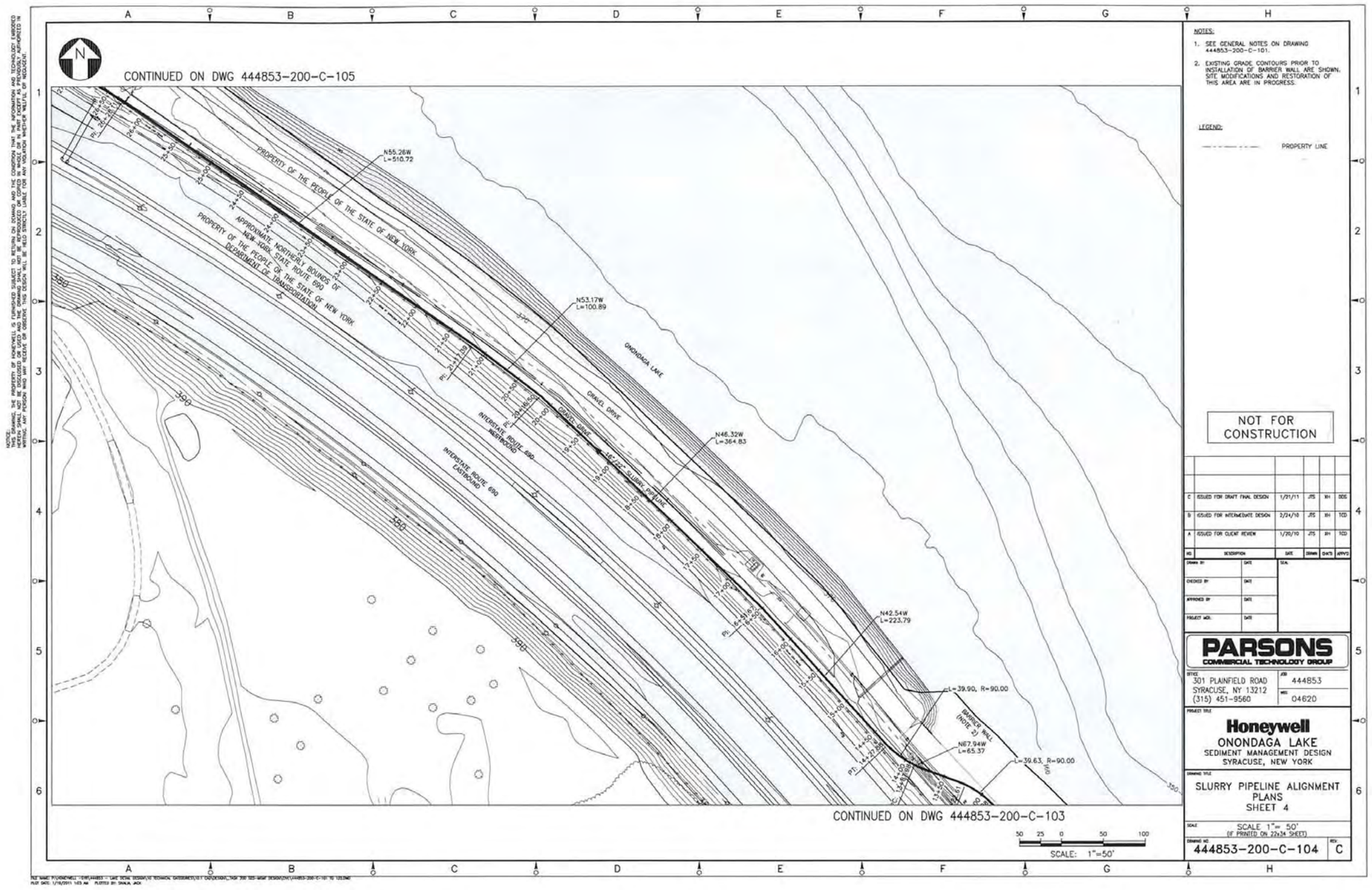
OFFICE: 301 PLAINFIELD ROAD, SYRACUSE, NY 13212, (315) 451-9560
JOB: 444853
WBS: 04620

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



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

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE	DRWN	CHKD	APPVD
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

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

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

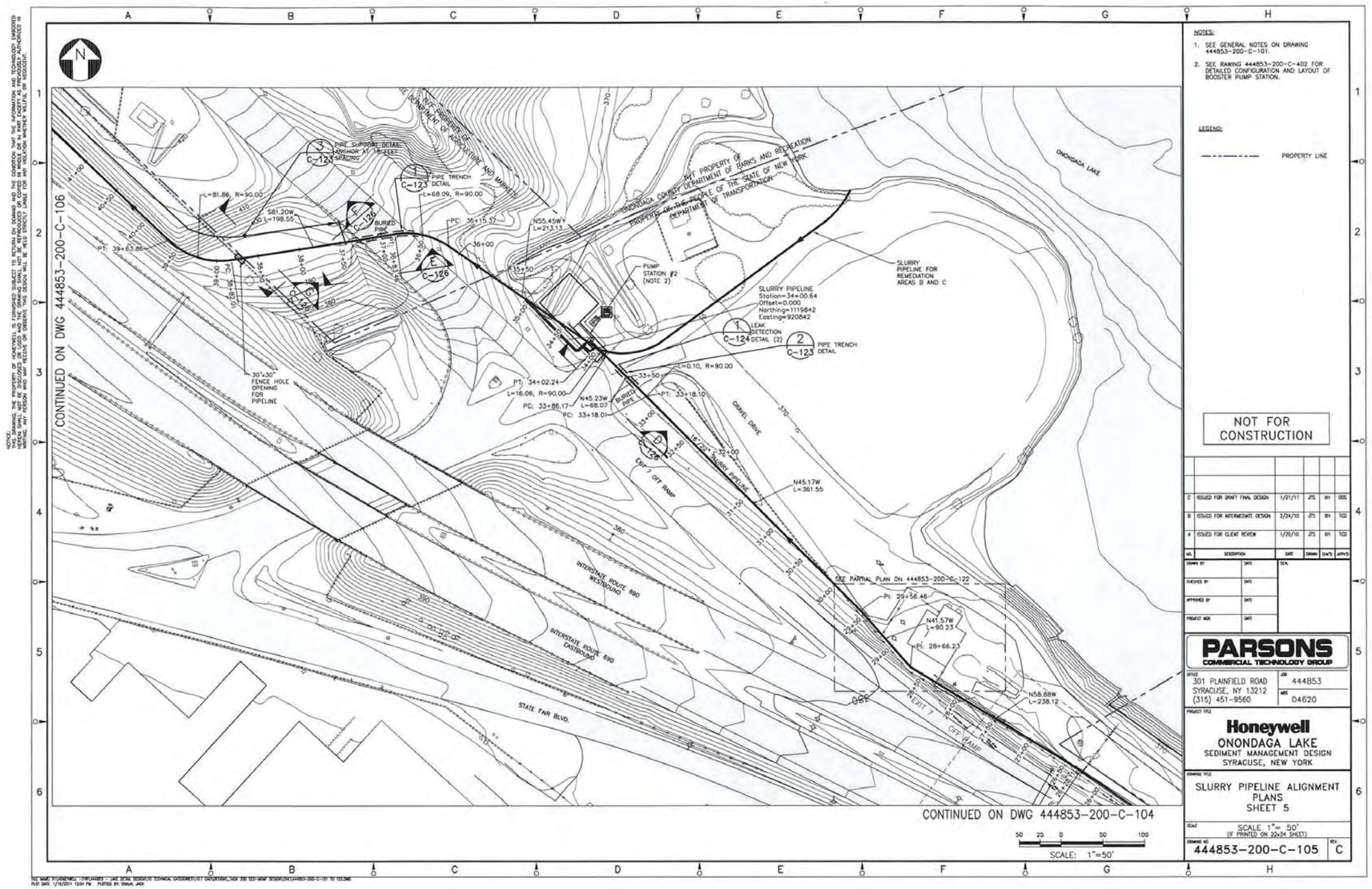
JOB 444853
WBS 04620

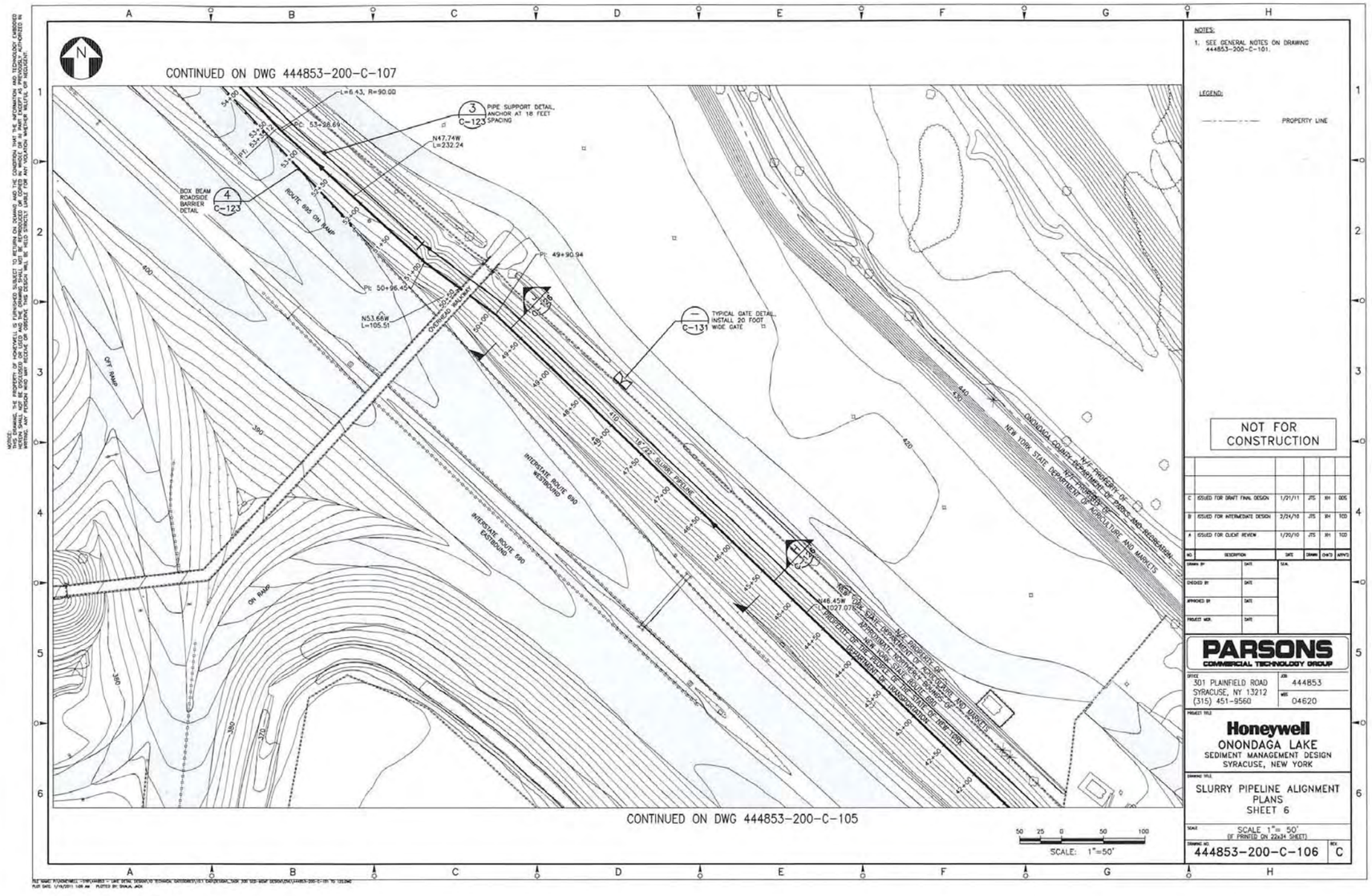
PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 4

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

DRAWING NO 444853-200-C-104
REV. C


CONTINUED ON DWG 444853-200-C-106
CONTINUED ON DWG 444853-200-C-104
NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. SEE RAWING 444853-200-C-402 FOR DETAILED CONFIGURATION AND LAYOUT OF BOOSTER PUMP STATION.
LEGEND:
PROPERTY LINE
NOT FOR CONSTRUCTION
C ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS RH DDS
B ISSUED FOR INTERMEDIATE DESIGN 3/24/10 JTS RH TCD
A ISSUED FOR CLIENT REVIEW 1/20/10 JTS RH TCD
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 5
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-105
C
SCALE: 1"=50'
ONONDAGA LAKE
SLURRY PIPELINE
Station=34+00.64
Offset=0.000
Northing=1119842
Easting=920842
PUMP STATION #2 (NOTE 2)
SLURRY PIPELINE FOR REMEDIATION AREAS B AND C
INTERSTATE ROUTE 690 WESTBOUND
INTERSTATE ROUTE 690 EASTBOUND
STATE FAIR BLVD.
GRAVEL DRIVE
EXIT 7 OFF RAMP
30"x30" FENCE HOLE OPENING FOR PIPELINE
SEE PARTIAL PLAN ON 444853-200-C-122



NOTES:

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

LEGEND:

PROPERTY LINE

NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APPV'D
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	RH	DDS
B	ISSUED FOR INTERMEDIATE DESIGN	3/24/10	JTS	RH	TCD
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	RH	TCD

DRAWN BY: DATE: SCA.
CHECKED BY: DATE:
APPROVED BY: DATE:
PROJECT MGR. DATE:

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

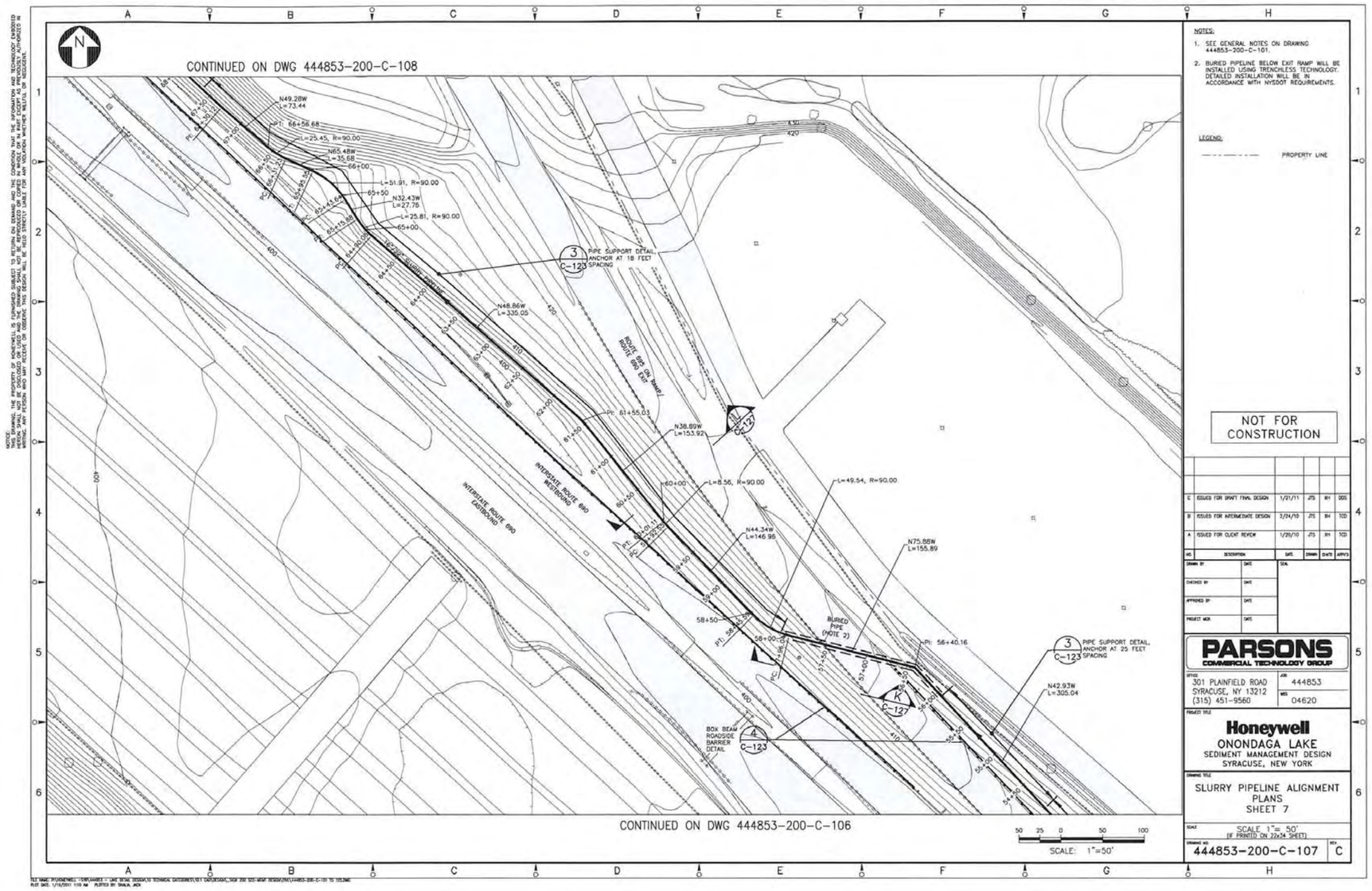
JOB: 444853
WBS: 04620

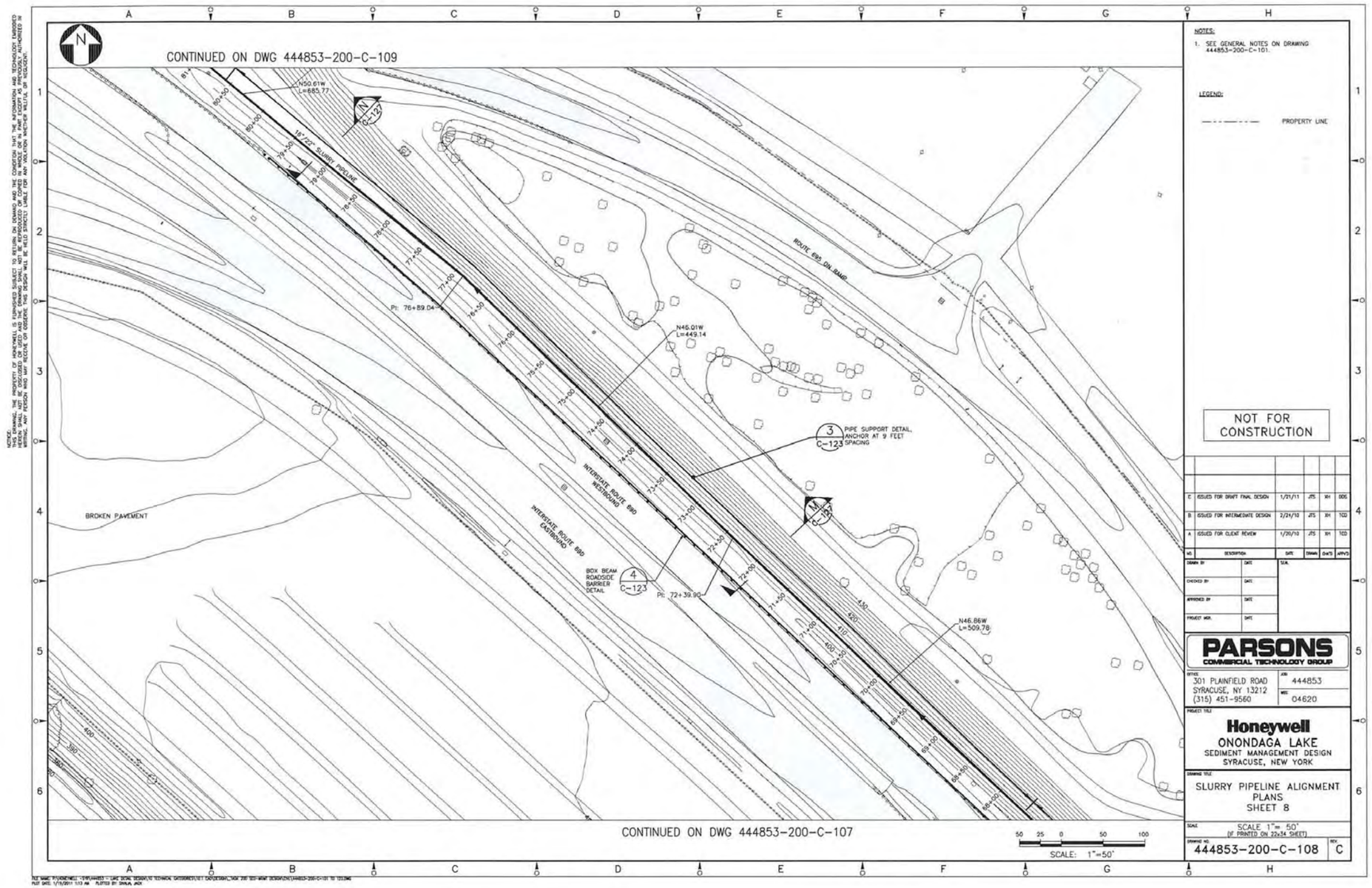
PROJECT TITLE: Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

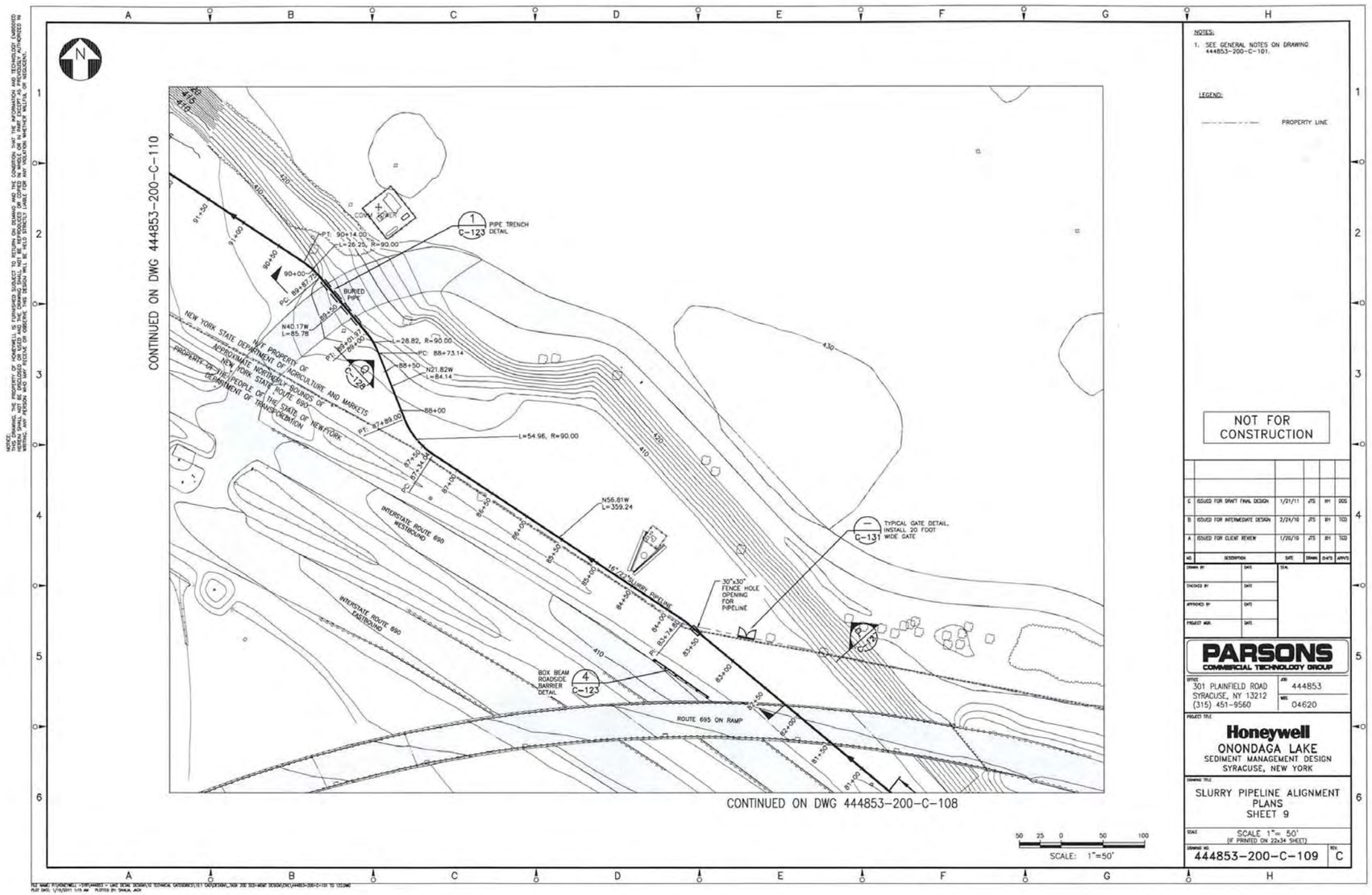
DRAWING TITLE: SLURRY PIPELINE ALIGNMENT PLANS SHEET 6

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

DRAWING NO. 444853-200-C-106 REV. C


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.
LEGEND:
PROPERTY LINE
NOT FOR CONSTRUCTION
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 7
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-107
C
SCALE: 1"=50'
PIPE SUPPORT DETAIL, ANCHOR AT 18 FEET SPACING
PIPE SUPPORT DETAIL, ANCHOR AT 25 FEET SPACING
BOX BEAM ROADSIDE BARRIER DETAIL
INTERSTATE ROUTE 690 WESTBOUND
INTERSTATE ROUTE 690 EASTBOUND
ROUTE 695 ON RAMP/ ROUTE 690 EXIT
BURIED PIPE (NOTE 2)
N49.28W L=73.44
N65.48W L=35.68
N32.43W L=27.76
N48.86W L=335.05
N38.89W L=153.92
N44.34W L=146.96
N75.88W L=155.89
N42.93W L=305.04
L=25.45, R=90.00
L=51.91, R=90.00
L=25.81, R=90.00
L=8.56, R=90.00
L=49.54, R=90.00
PI: 61+55.03
PI: 56+40.16


CONTINUED ON DWG 444853-200-C-109
N50.61W
L=685.77
18"/22" SLURRY PIPELINE
PI: 76+89.04
N46.01W
L=449.14
ROUTE 695 ON RAMP
3
C-123
PIPE SUPPORT DETAIL, ANCHOR AT 9 FEET SPACING
INTERSTATE ROUTE 690 WESTBOUND
INTERSTATE ROUTE 690 EASTBOUND
BROKEN PAVEMENT
BOX BEAM ROADSIDE BARRIER DETAIL
4
C-123
PI: 72+39.90
N46.86W
L=509.78
CONTINUED ON DWG 444853-200-C-107
SCALE: 1"=50'
NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
NOT FOR CONSTRUCTION
C ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS RH SDG
B ISSUED FOR INTERMEDIATE DESIGN 2/24/10 JTS RH TCD
A ISSUED FOR CLIENT REVIEW 1/20/10 JTS RH TCD
NO. DESCRIPTION DATE DRAWN CHK'D APPV'D
DRAWN BY DATE
CHECKED BY DATE
APPROVED BY DATE
PROJECT MGR. DATE
SEAL
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
C



NOTES:

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

LEGEND:

PROPERTY LINE

NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	DRAWN	CHKD	APPVD
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	RH	DCG
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	RH	TCG
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	RH	TCG

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

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

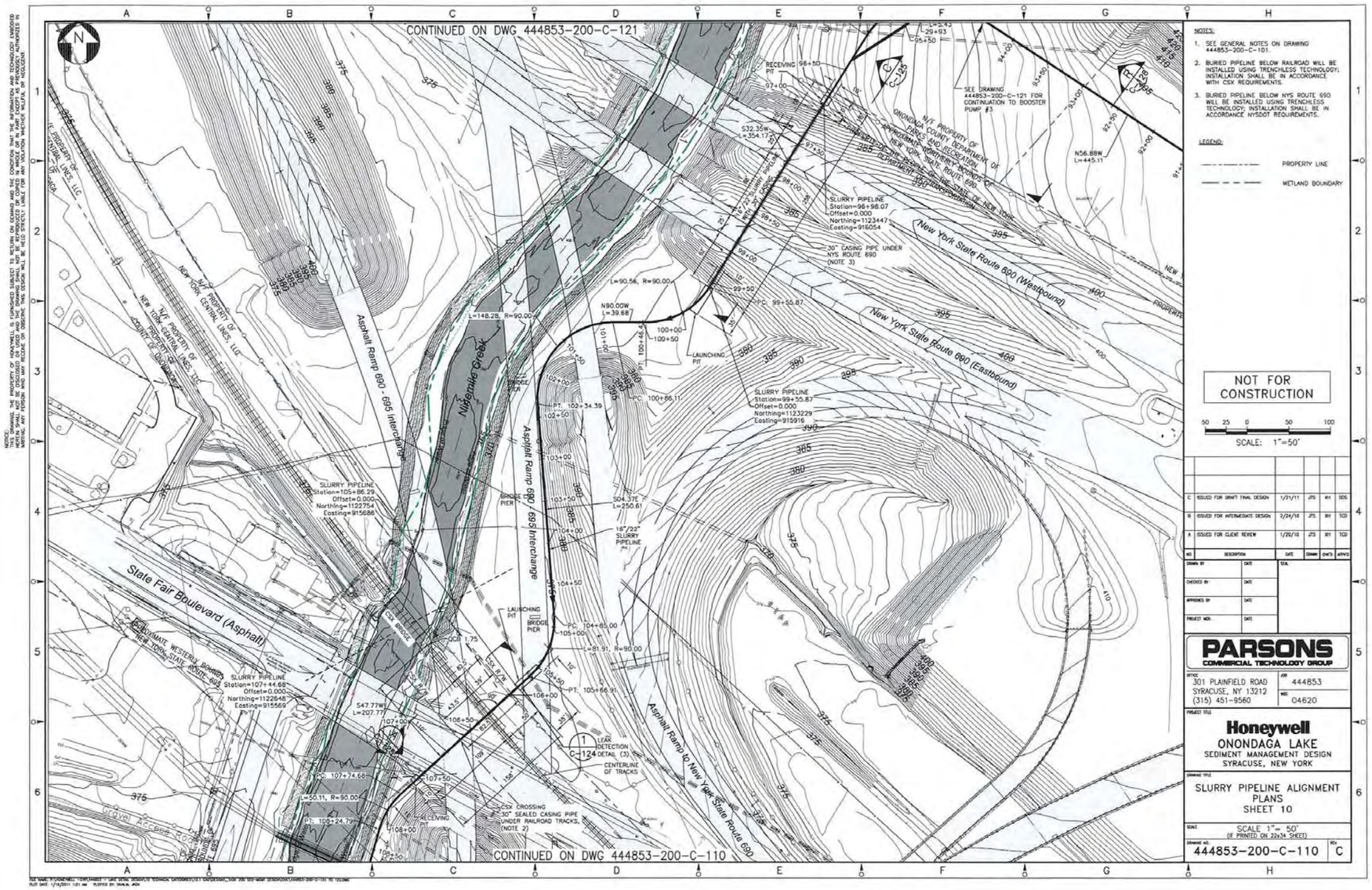
JOB: 444853
WBS: 04620

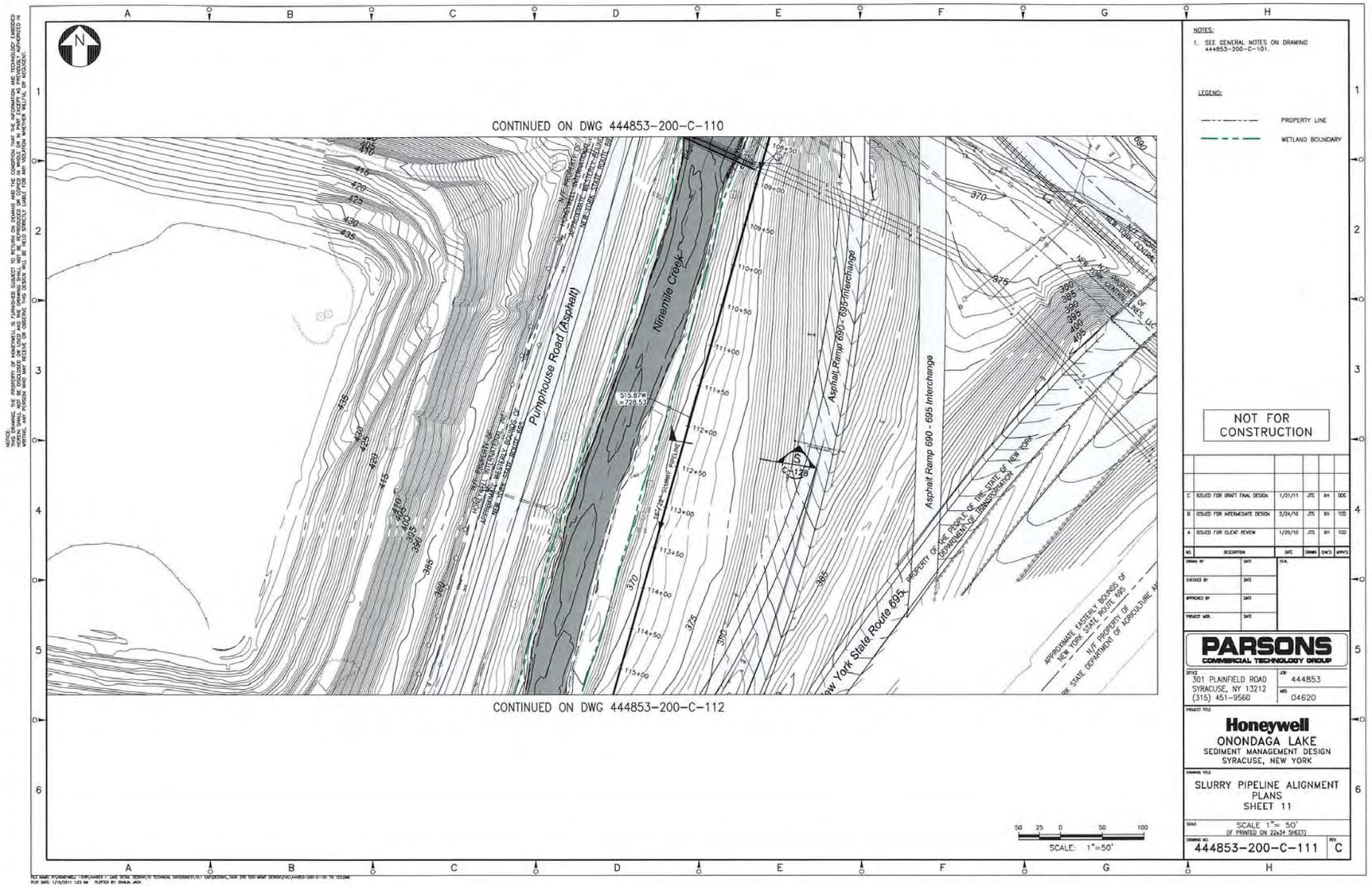
PROJECT TITLE: Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

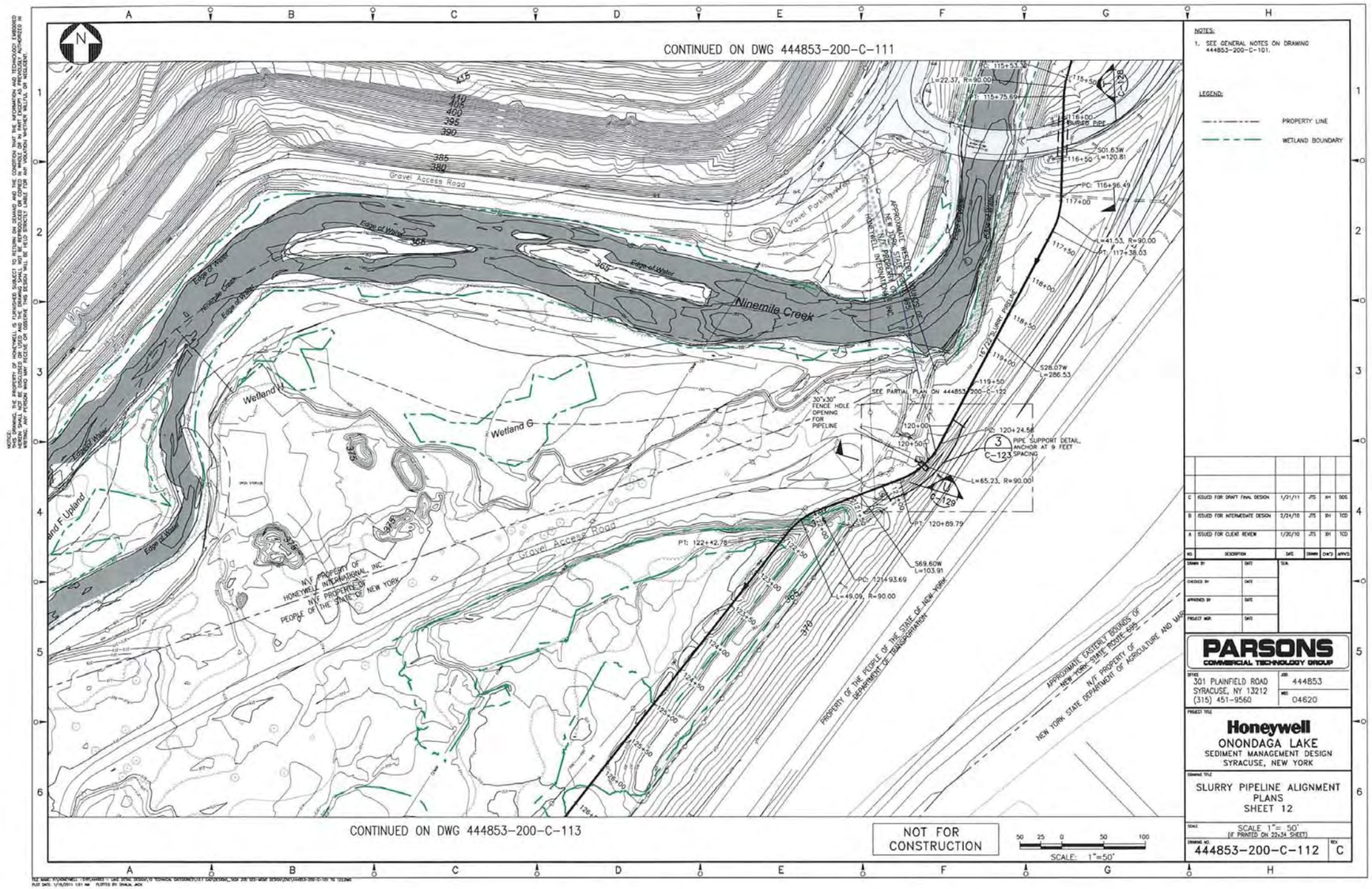
DRAWING TITLE: SLURRY PIPELINE ALIGNMENT PLANS SHEET 9

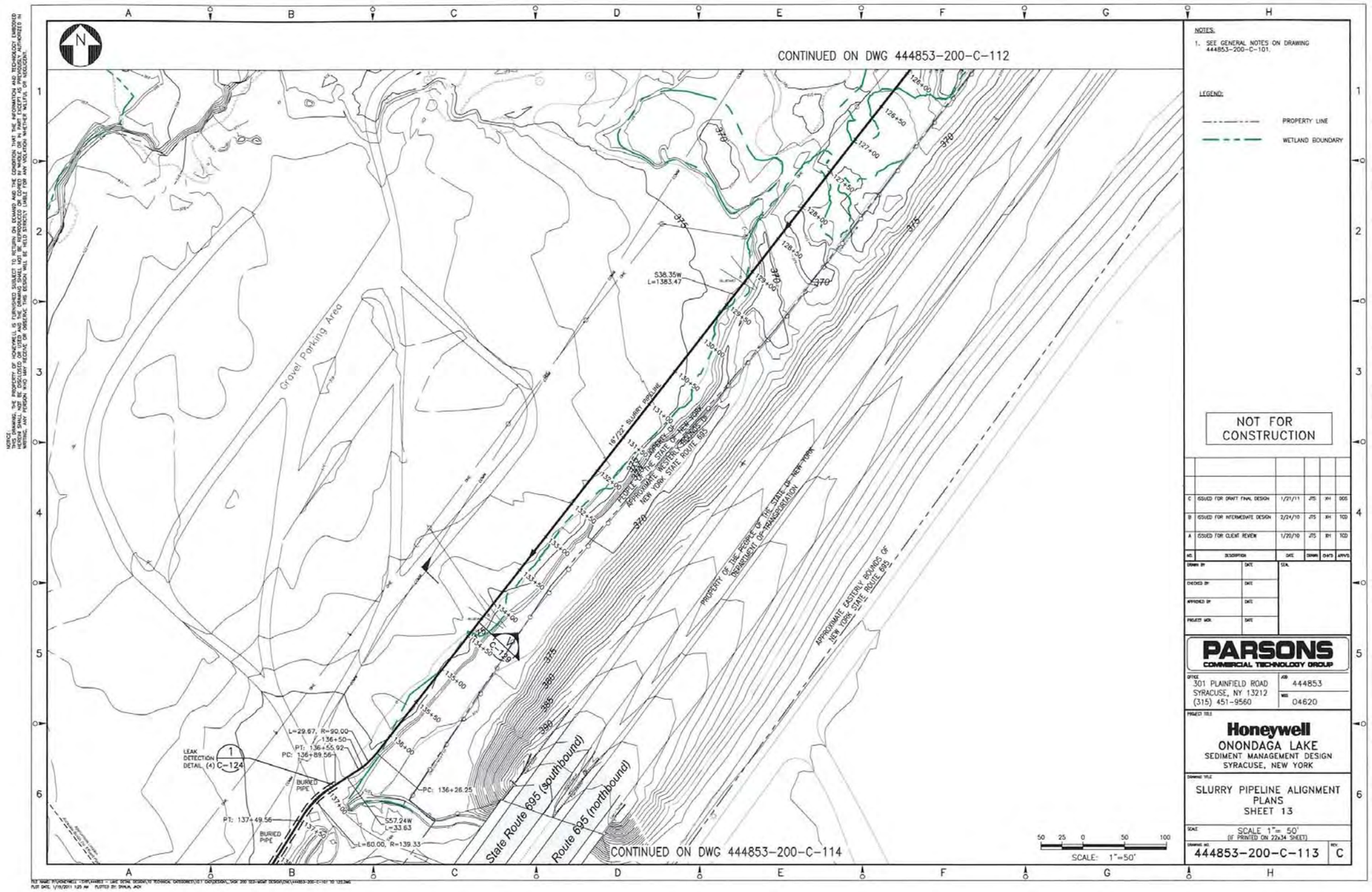
SCALE: SCALE 1"= 50' (IF PRINTED ON 22x34 SHEET)

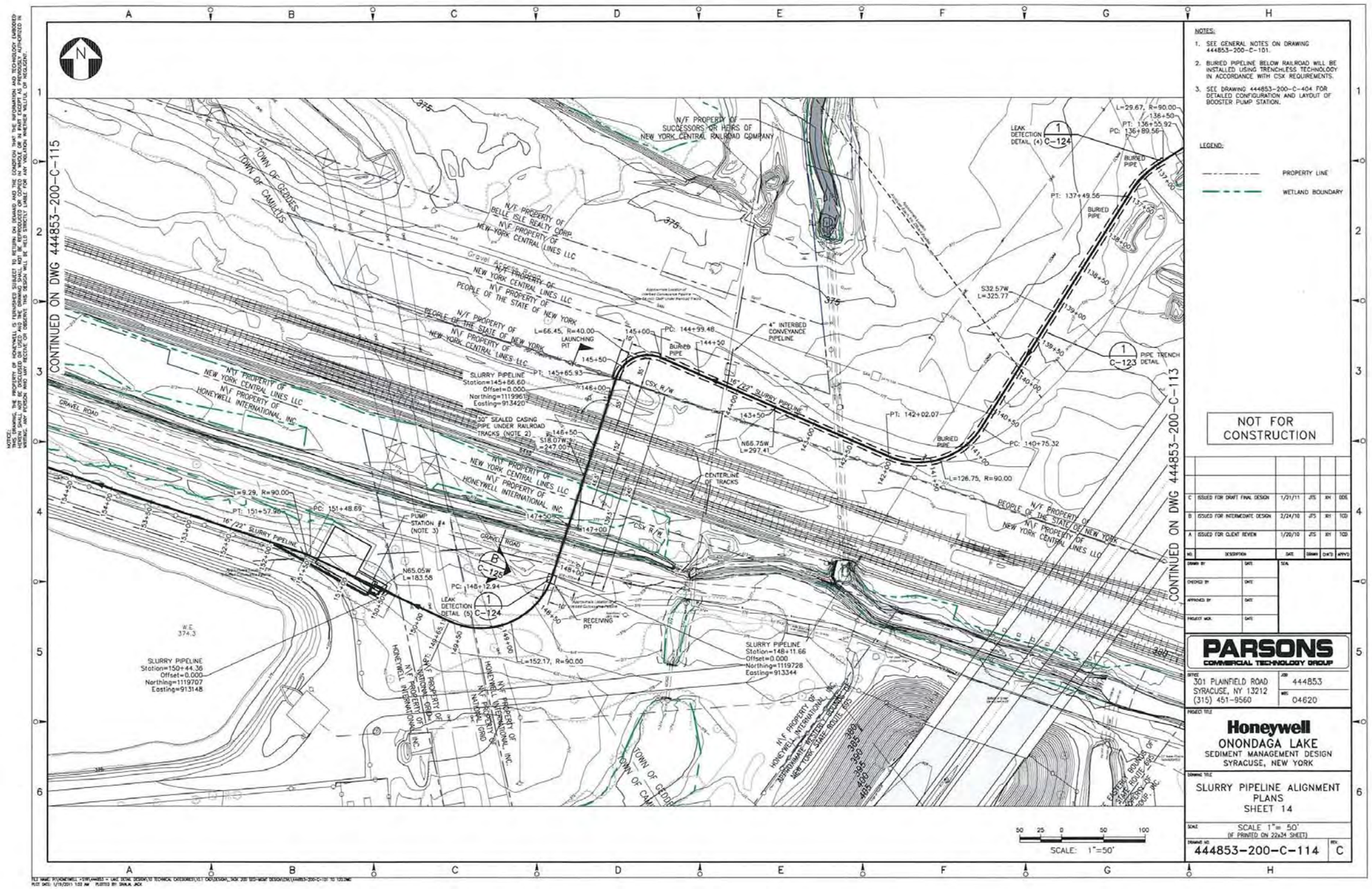
DRAWING NO. 444853-200-C-109 REV. C

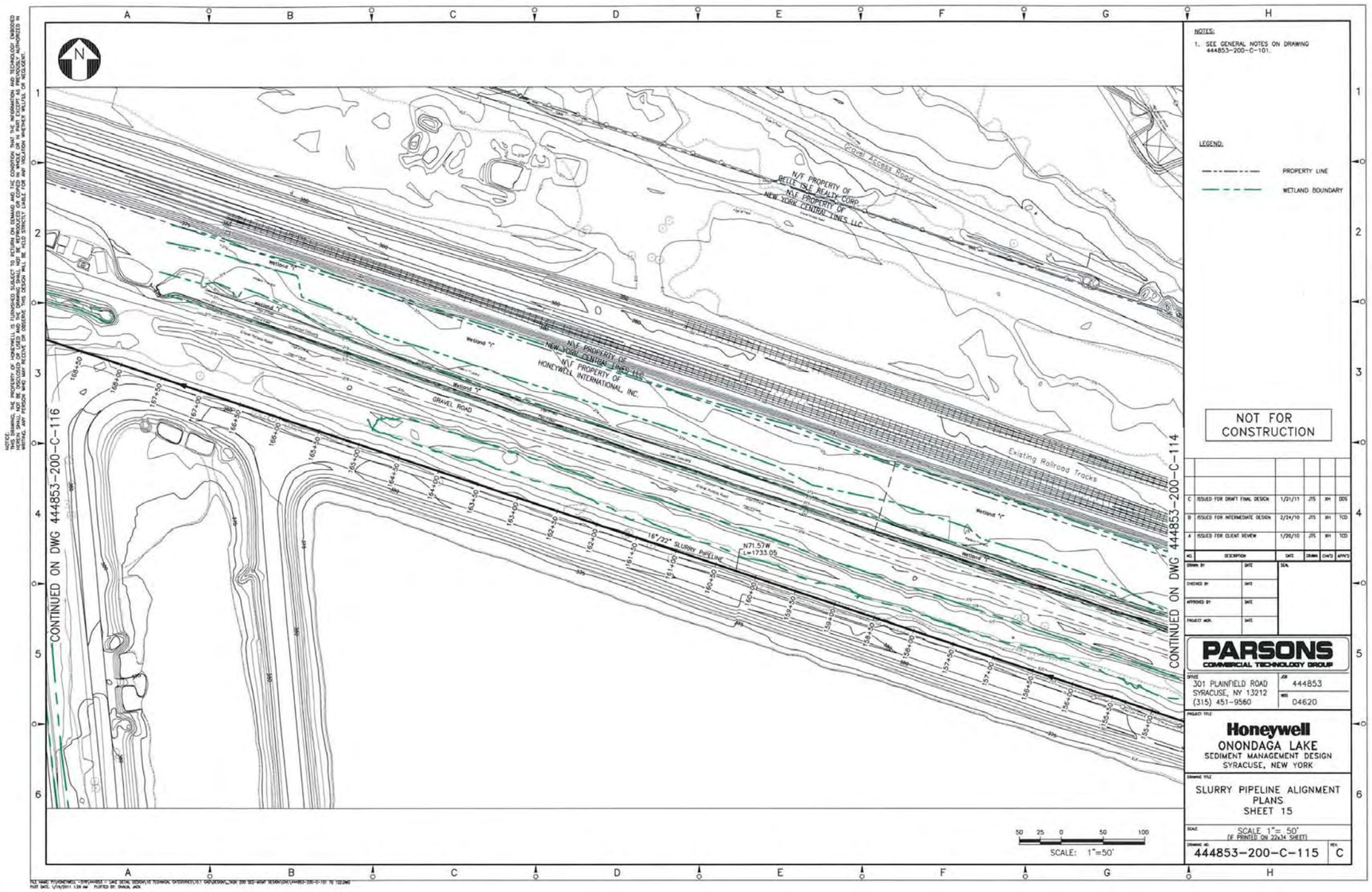

CONTINUED ON DWG 444853-200-C-121
CONTINUED ON DWG 444853-200-C-110
NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
2. BURIED PIPELINE BELOW RAILROAD WILL BE INSTALLED USING TRENCHLESS TECHNOLOGY; INSTALLATION SHALL BE IN ACCORDANCE WITH CSX REQUIREMENTS.
3. BURIED PIPELINE BELOW NYS ROUTE 690 WILL BE INSTALLED USING TRENCHLESS TECHNOLOGY; INSTALLATION SHALL BE IN ACCORDANCE NYSDOT REQUIREMENTS.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
NOT FOR CONSTRUCTION
SCALE: 1"=50'
C ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS KH DDS
B ISSUED FOR INTERMEDIATE DESIGN 2/24/10 JTS KH TCD
A ISSUED FOR CLIENT REVIEW 1/20/10 JTS KH TCD
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 10
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-110
C
New York State Route 690 (Westbound)
New York State Route 690 (Eastbound)
Asphalt Ramp 690 - 695 Interchange
Asphalt Ramp to New York State Route 690
State Fair Boulevard (Asphalt)
Nine Mile Creek
SLURRY PIPELINE
Station=96+98.07
Offset=0.000
Northing=1123447
Easting=916054
30" CASING PIPE UNDER NYS ROUTE 690 (NOTE 3)
SLURRY PIPELINE
Station=99+55.87
Offset=0.000
Northing=1123229
Easting=915916
SLURRY PIPELINE
Station=105+86.29
Offset=0.000
Northing=1122754
Easting=915686
SLURRY PIPELINE
Station=107+44.68
Offset=0.000
Northing=1122648
Easting=915569
CSX CROSSING
30" SEALED CASING PIPE UNDER RAILROAD TRACKS. (NOTE 2)
LEAK DETECTION DETAIL (3)
CENTERLINE OF TRACKS
SEE DRAWING 444853-200-C-121 FOR CONTINUATION TO BOOSTER PUMP #3
N/F PROPERTY OF ONONDAGA COUNTY DEPARTMENT OF PARKS AND RECREATION
N/F PROPERTY OF NEW YORK CENTRAL LINES, LLC
N/F PROPERTY OF NEW YORK CENTRAL LINES, LLC
N/F PROPERTY OF NEW YORK CENTRAL LINES, LLC
PROXIMATE WESTERLY BOUNDS NEW YORK STATE ROUTE 695
Gravel Access Road
RECEIVING PIT
LAUNCHING PIT
BRIDGE PIER
CSX BRIDGE
16"/22" SLURRY PIPELINE
S32.35W L=354.17
N56.88W L=445.11
S04.37E L=250.61
S47.77W L=207.77
N90.00W L=39.68
L=148.28, R=90.00
L=90.56, R=90.00
L=81.91, R=90.00
L=50.11, R=90.00
PC: 99+55.87
PC: 100+86.11
PT: 102+34.39
PC: 104+65.00
PT: 105+66.91
PC: 107+74.68
PT: 108+24.79
QCB 1.75

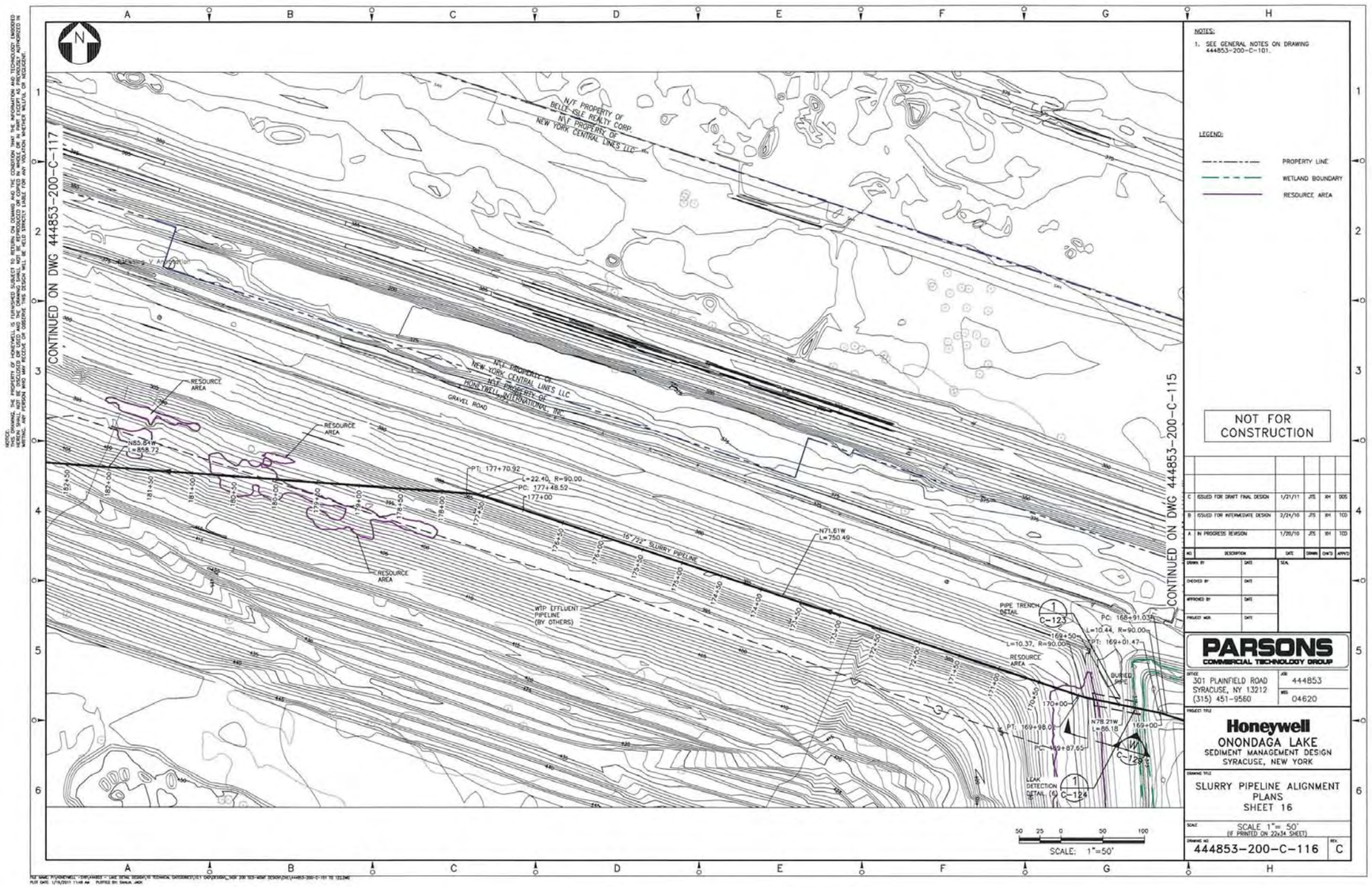

CONTINUED ON DWG 444853-200-C-110
CONTINUED ON DWG 444853-200-C-112
Pumphouse Road (Asphalt)
Ninemile Creek
Asphalt Ramp 690 - 695 Interchange
Asphalt Ramp 690 - 695 Interchange
New York State Route 695
PROPERTY OF THE PEOPLE OF THE STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
APPROXIMATE EASTERLY BOUNDS OF NEW YORK STATE ROUTE 695
N/F PROPERTY OF NEW YORK STATE DEPARTMENT OF AGRICULTURE AND
NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
NOT FOR CONSTRUCTION
C ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS XH DDG
B ISSUED FOR INTERMEDIATE DESIGN 2/24/10 JTS XH TCD
A ISSUED FOR CLIENT REVIEW 1/20/10 JTS XH TCD
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 11
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-111
C
SCALE: 1"=50'


CONTINUED ON DWG 444853-200-C-111
NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
Gravel Access Road
Ninemile Creek
Wetland H
Wetland G
Edge of Water
Gravel Parking Area
SEE PARTIAL PLAN ON 444853-200-C-122
30"x30" FENCE HOLE OPENING FOR PIPELINE
PIPE SUPPORT DETAIL, ANCHOR AT 9 FEET SPACING
N/F PROPERTY OF HONEYWELL INTERNATIONAL, INC.
N/F PROPERTY OF PEOPLE OF THE STATE OF NEW YORK
PROPERTY OF THE PEOPLE OF THE STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
APPROXIMATE EASTERLY BOUNDS OF NEW YORK STATE ROUTE 695
N/F PROPERTY OF NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS
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
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 12
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-112
C
CONTINUED ON DWG 444853-200-C-113
NOT FOR CONSTRUCTION
SCALE: 1"=50'


CONTINUED ON DWG 444853-200-C-112
NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
NOT FOR CONSTRUCTION
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
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 13
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-113
C
Gravel Parking Area
16"/22" SLURRY PIPELINE
S38.35W
L=1383.47
PROPERTY OF THE PEOPLE OF THE STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
APPROXIMATE EASTERLY BOUNDS OF NEW YORK STATE ROUTE 695
State Route 695 (southbound)
Route 695 (northbound)
LEAK DETECTION DETAIL (4) C-124
L=29.67, R=90.00
136+50
PT: 136+55.92
PC: 136+89.56
BURIED PIPE
PC: 136+26.25
PT: 137+49.56
S57.24W
L=33.63
L=60.00, R=139.33
CONTINUED ON DWG 444853-200-C-114
SCALE: 1"=50'


CONTINUED ON DWG 444853-200-C-115
CONTINUED ON DWG 444853-200-C-113
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.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
NOT FOR CONSTRUCTION
C ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS RH DDE
B ISSUED FOR INTERMEDIATE DESIGN 2/24/10 JTS RH TCD
A ISSUED FOR CLIENT REVIEW 1/20/10 JTS RH TCD
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 14
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-114
C
SCALE: 1"=50'
SLURRY PIPELINE
Station=145+86.60
Offset=0.000
Northing=1119961
Easting=913420
SLURRY PIPELINE
Station=150+44.36
Offset=0.000
Northing=1119707
Easting=913148
SLURRY PIPELINE
Station=148+11.66
Offset=0.000
Northing=1119728
Easting=913344
16" /22" SLURRY PIPELINE
30" SEALED CASING PIPE UNDER RAILROAD TRACKS (NOTE 2)
PUMP STATION #4 (NOTE 3)
LAUNCHING PIT
RECEIVING PIT
4" INTERBED CONVEYANCE PIPELINE
CENTERLINE OF TRACKS
CSX R/W
LEAK DETECTION DETAIL (4) C-124
LEAK DETECTION DETAIL (5) C-124
PIPE TRENCH DETAIL C-123
N/F PROPERTY OF SUCCESSORS OR HEIRS OF NEW YORK CENTRAL RAILROAD COMPANY
N/F PROPERTY OF BELLE ISLE REALTY CORP.
N/F PROPERTY OF NEW YORK CENTRAL LINES LLC
N/F PROPERTY OF PEOPLE OF THE STATE OF NEW YORK
N/F PROPERTY OF HONEYWELL INTERNATIONAL INC
TOWN OF GEDDES
TOWN OF CAMILLUS
GRAVEL ROAD
L=66.45, R=40.00
L=9.29, R=90.00
L=183.58
L=152.17, R=90.00
L=126.75, R=90.00
L=29.67, R=90.00
L=325.77
L=297.41
PC: 144+99.48
PT: 145+65.93
PC: 151+48.69
PT: 151+57.90
PC: 148+12.94
PT: 148+65.11
PT: 142+02.07
PC: 140+75.32
PT: 136+55.92
PC: 136+89.56
PT: 137+49.56
BURIED PIPE
S32.57W
N65.05W
N66.75W
S18.07W
=247.00'
W.E. 374.3
375
380
385
390
395
400
405
410
50 25 0 50 100


NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
NOT FOR CONSTRUCTION
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
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 15
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-115
C
CONTINUED ON DWG 444853-200-C-116
CONTINUED ON DWG 444853-200-C-114
N/F PROPERTY OF BELLE ISLE REALTY CORP.
N/F PROPERTY OF NEW YORK CENTRAL LINES LLC
N/F PROPERTY OF HONEYWELL INTERNATIONAL, INC.
Gravel Access Road
GRAVEL ROAD
Existing Railroad Tracks
16"/22" SLURRY PIPELINE
N71.57W
L=1733.05
SCALE: 1"=50'



NOTES:

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

LEGEND:

PROPERTY LINE
WETLAND BOUNDARY
RESOURCE AREA

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE	DRWN	CHK'D	APPV'D
C	ISSUED FOR DRAFT FINAL DESIGN	1/21/11	JTS	RH	DOS
B	ISSUED FOR INTERMEDIATE DESIGN	3/24/10	JTS	RH	TCD
A	IN PROGRESS REVISION	1/20/10	JTS	RH	TCD

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

PARSONS
COMMERCIAL TECHNOLOGY GROUP

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

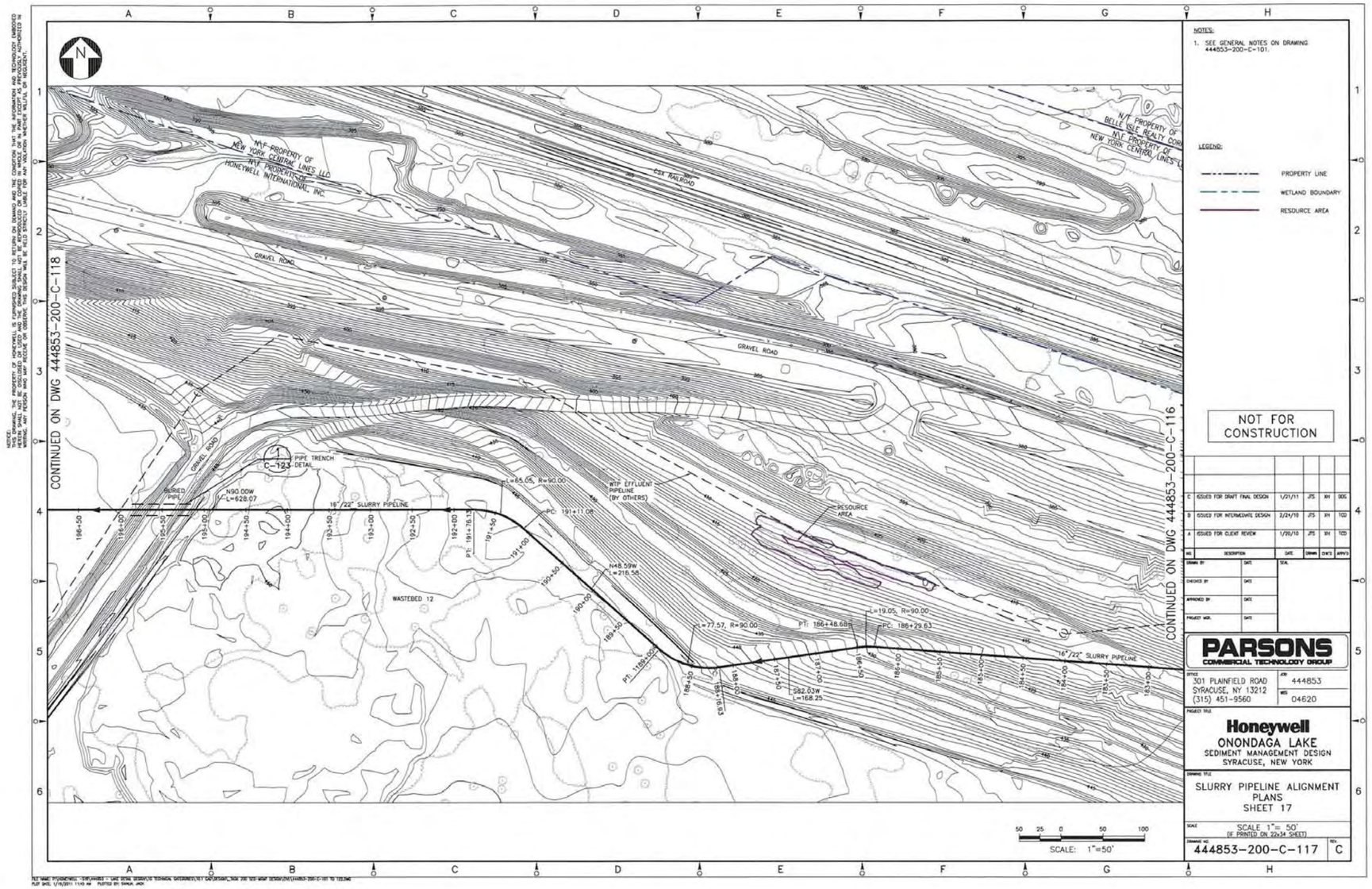
JOB 444853
WBS 04620

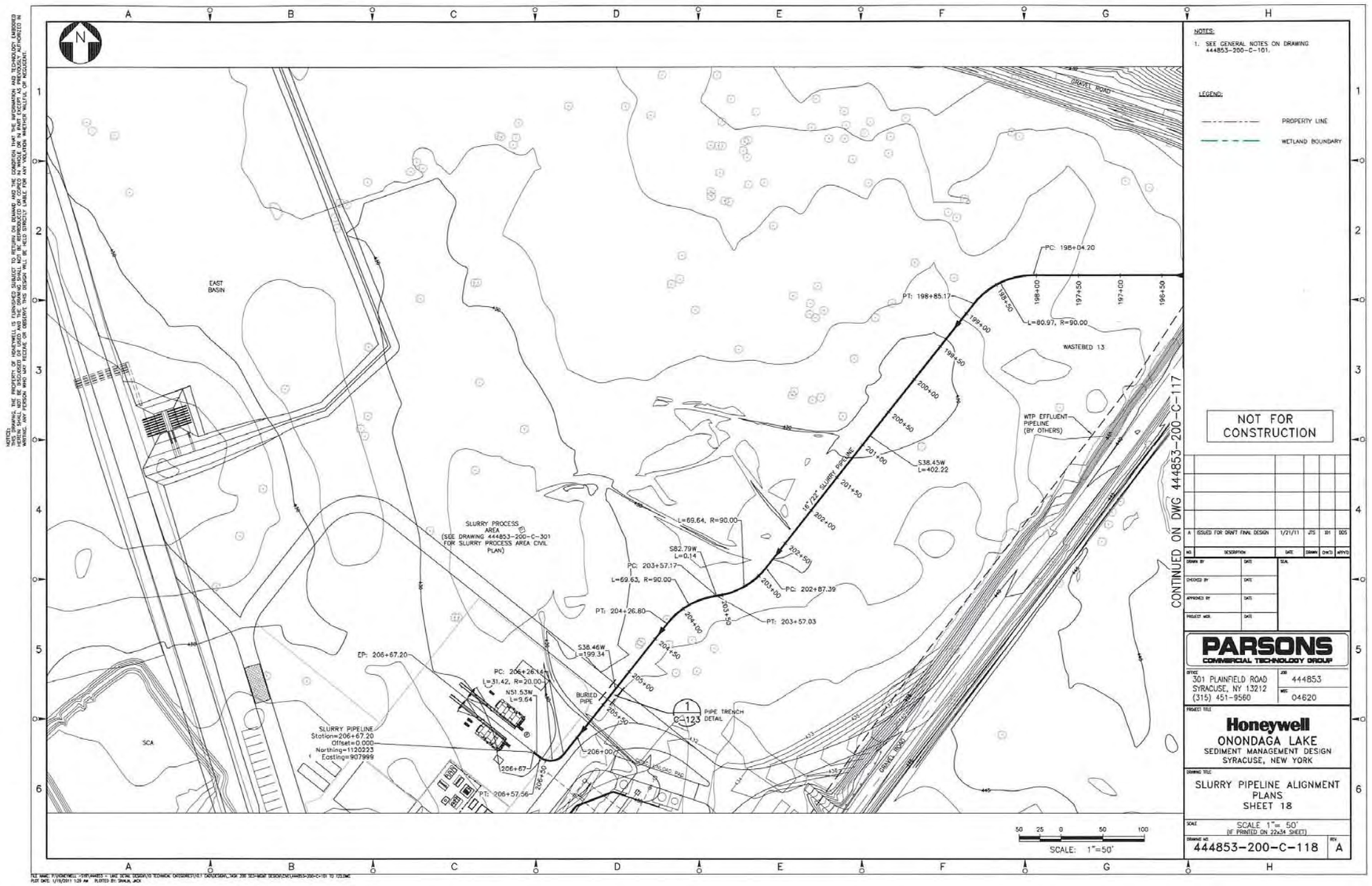
PROJECT TITLE
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK

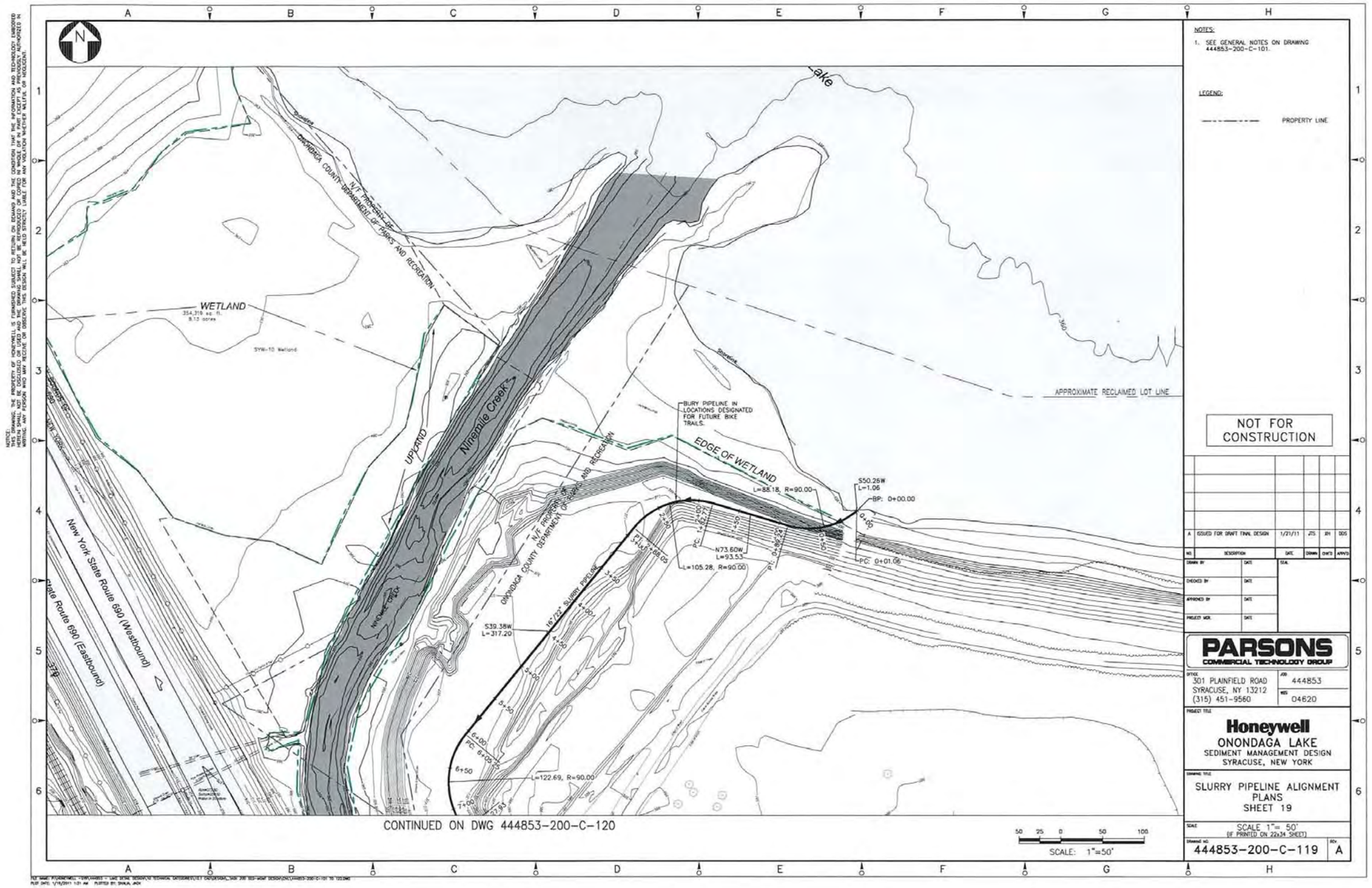
DRAWING TITLE
SLURRY PIPELINE ALIGNMENT
PLANS
SHEET 16

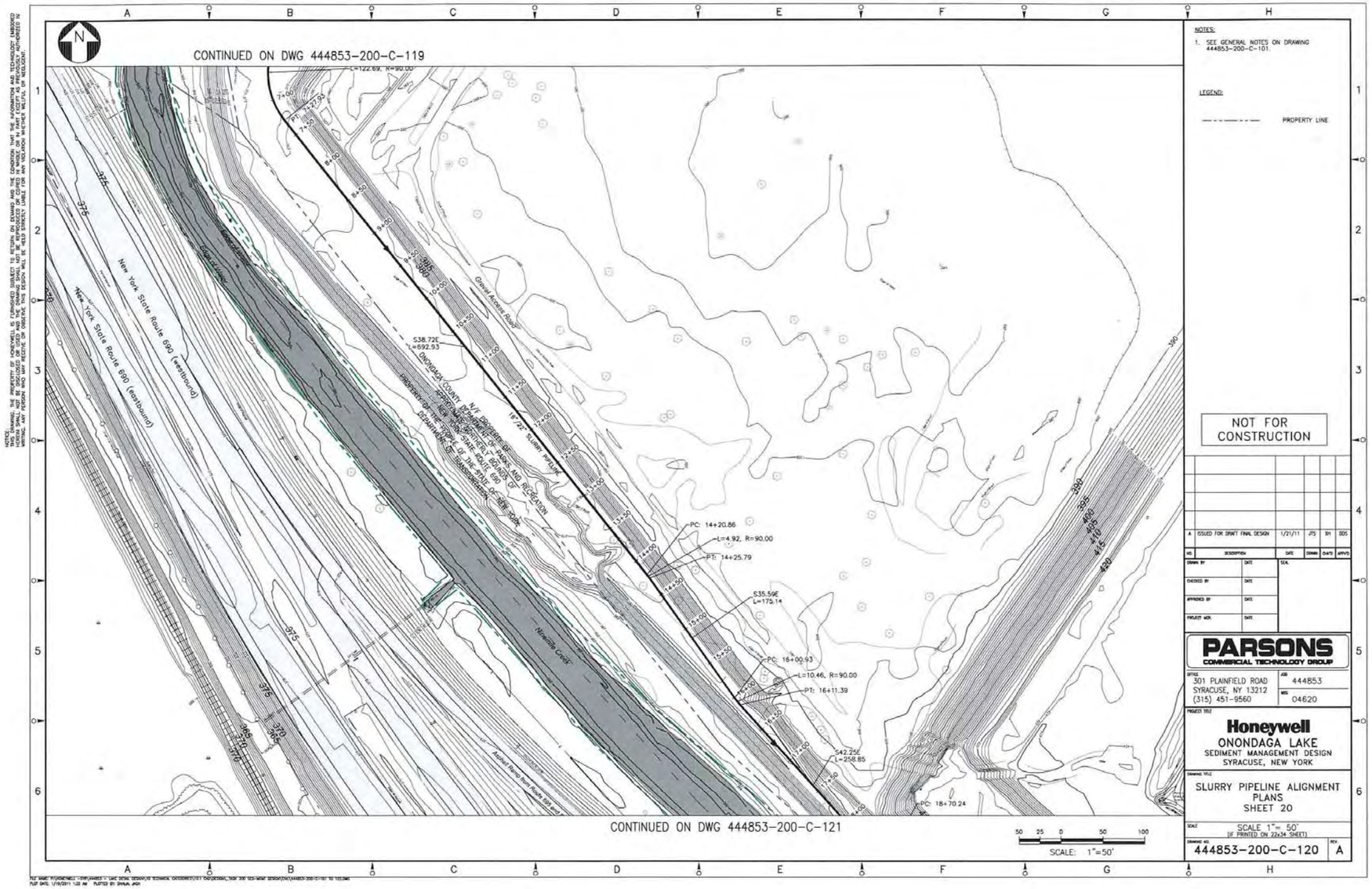
SCALE
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)

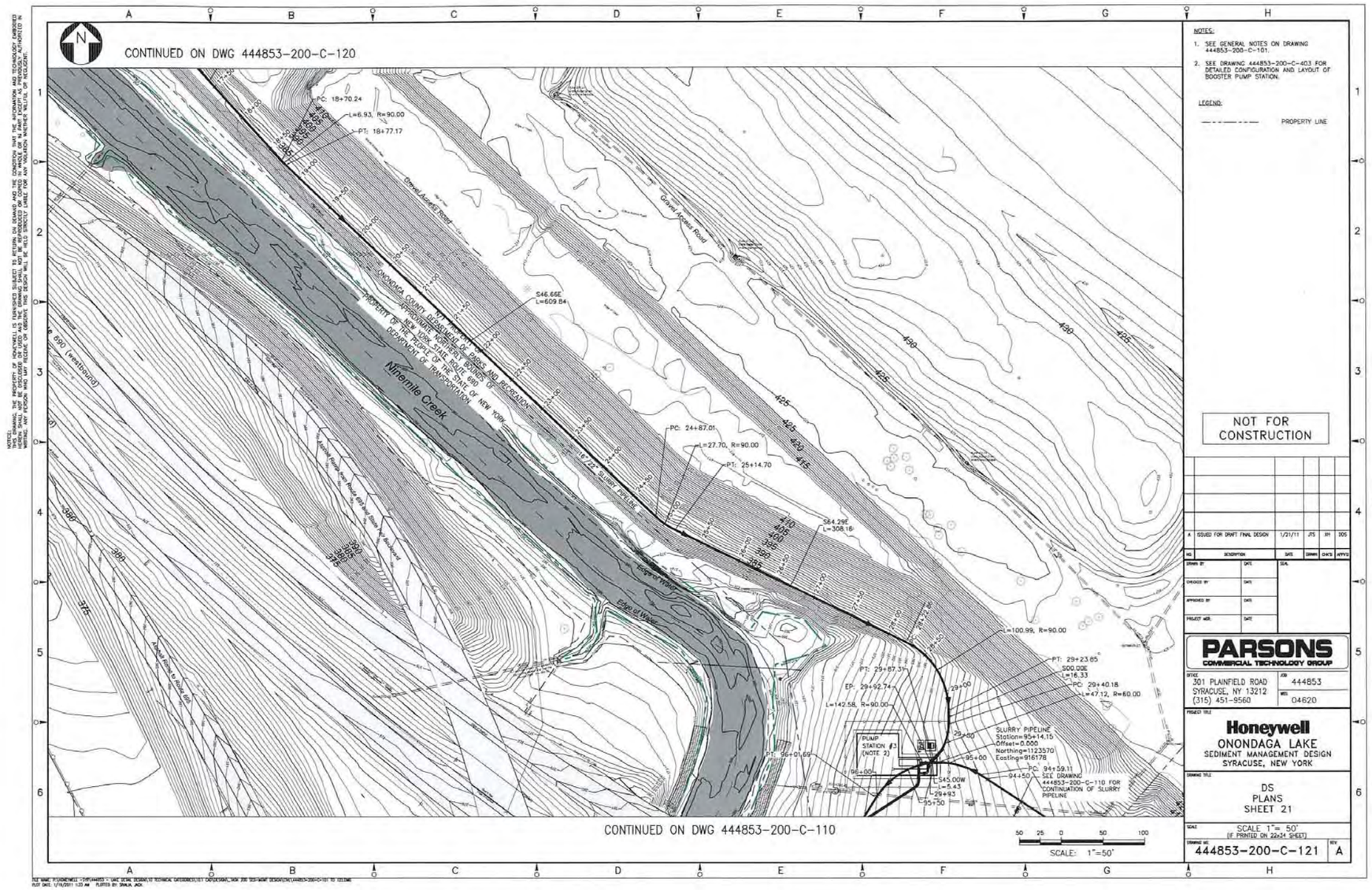
DRAWING NO. 444853-200-C-116
REV. C


NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
RESOURCE AREA
NOT FOR CONSTRUCTION
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
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 17
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-117
C
CONTINUED ON DWG 444853-200-C-118
CONTINUED ON DWG 444853-200-C-116
N/F PROPERTY OF NEW YORK CENTRAL LINES LLC
N/F PROPERTY OF HONEYWELL INTERNATIONAL, INC.
CSX RAILROAD
GRAVEL ROAD
PIPE TRENCH DETAIL
C-123
BURIED PIPE
N90.00W L=628.07
16"/22" SLURRY PIPELINE
WTP EFFLUENT PIPELINE (BY OTHERS)
RESOURCE AREA
WASTEBED 12
L=65.05, R=90.00
PC: 191+11.08
N48.59W L=216.58
L=77.57, R=90.00
PT: 186+48.68
L=19.05, R=90.00
PC: 186+29.63
S82.03W L=168.25
SCALE: 1"=50'


NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
WETLAND BOUNDARY
NOT FOR CONSTRUCTION
CONTINUED ON DWG 444853-200-C-117
EAST BASIN
SCA
GRAVEL ROAD
WASTEBED 13
WTP EFFLUENT PIPELINE (BY OTHERS)
16"/22" SLURRY PIPELINE
SLURRY PROCESS AREA (SEE DRAWING 444853-200-C-301 FOR SLURRY PROCESS AREA CIVIL PLAN)
PC: 198+04.20
PT: 198+85.17
L=80.97, R=90.00
S38.45W L=402.22
L=69.64, R=90.00
S82.79W L=0.14
PC: 203+57.17
L=69.63, R=90.00
PT: 204+26.80
PC: 202+87.39
PT: 203+57.03
S38.46W L=199.34
EP: 206+67.20
PC: 206+26.14
L=31.42, R=20.00
N51.53W L=9.64
BURIED PIPE
PIPE TRENCH DETAIL
SLURRY PIPELINE
Station=206+67.20
Offset=0.000
Northing=1120223
Easting=907999
PT: 206+57.56
SCALE: 1"=50'
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 18
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-118
A
ISSUED FOR DRAFT FINAL DESIGN
1/21/11


NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
NOT FOR CONSTRUCTION
WETLAND
354,319 sq. ft.
8.13 acres
SYW-10 Wetland
UPLAND
Ninemile Creek
New York State Route 690 (Westbound)
State Route 690 (Eastbound)
N.Y. PROPERTY OF ONONDAGA COUNTY DEPARTMENT OF PARKS AND RECREATION
BURY PIPELINE IN LOCATIONS DESIGNATED FOR FUTURE BIKE TRAILS.
EDGE OF WETLAND
APPROXIMATE RECLAIMED LOT LINE
S50.26W
L=1.06
BP: 0+00.00
L=88.18, R=90.00
N73.60W
L=93.53
L=105.28, R=90.00
PC: 0+01.06
S39.38W
L=317.20
L=122.69, R=90.00
CONTINUED ON DWG 444853-200-C-120
SCALE: 1"=50'
A ISSUED FOR DRAFT FINAL DESIGN 1/21/11
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 19
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-119
A


CONTINUED ON DWG 444853-200-C-119
NOTES:
1. SEE GENERAL NOTES ON DRAWING 444853-200-C-101.
LEGEND:
PROPERTY LINE
NOT FOR CONSTRUCTION
A ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS JH DDS
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
SLURRY PIPELINE ALIGNMENT PLANS
SHEET 20
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-120
A
New York State Route 690 (westbound)
New York State Route 690 (eastbound)
Gravel Access Road
Ninemile Creek
18"/22" SLURRY PIPELINE
ONONDAGA COUNTY DEPARTMENT OF PARKS AND RECREATION
N/F PROPERTY OF NEW YORK STATE ROUTE 690
PROPERTY OF THE STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
S38.72E
L=692.93
PC: 14+20.86
L=4.92, R=90.00
PT: 14+25.79
S35.59E
L=175.14
PC: 16+00.93
L=10.46, R=90.00
PT: 16+11.39
S42.25E
L=258.85
PC: 18+70.24
CONTINUED ON DWG 444853-200-C-121
SCALE: 1"=50'


CONTINUED ON DWG 444853-200-C-120
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.
LEGEND:
PROPERTY LINE
NOT FOR CONSTRUCTION
A ISSUED FOR DRAFT FINAL DESIGN 1/21/11 JTS XH SDS
PARSONS
COMMERCIAL TECHNOLOGY GROUP
301 PLAINFIELD ROAD
SYRACUSE, NY 13212
(315) 451-9560
444853
04620
Honeywell
ONONDAGA LAKE
SEDIMENT MANAGEMENT DESIGN
SYRACUSE, NEW YORK
DS
PLANS
SHEET 21
SCALE 1"= 50'
(IF PRINTED ON 22x34 SHEET)
444853-200-C-121
A
PC: 18+70.24
L=6.93, R=90.00
PT: 18+77.17
PC: 24+87.01
L=27.70, R=90.00
PT: 25+14.70
S46.66E
L=609.84
S64.29E
L=308.16
L=100.99, R=90.00
PT: 29+23.65
S00.00E
L=16.33
PC: 29+40.18
L=47.12, R=60.00
PT: 29+87.31
EP: 29+92.74
L=142.58, R=90.00
PT: 96+01.69
PUMP STATION #3 (NOTE 2)
SLURRY PIPELINE
Station=95+14.15
Offset=0.000
Northing=1123570
Easting=916178
PC: 94+59.11
SEE DRAWING 444853-200-C-110 FOR CONTINUATION OF SLURRY PIPELINE
L=545.00W
L=5.43
Ninemile Creek
Gravel Access Road
Edge of Water
ONONDAGA COUNTY DEPARTMENT OF PARKS AND RECREATION
APPROXIMATE NORTHERN BOUNDARY OF NEW YORK STATE ROUTE 690
PROPERTY OF THE PEOPLE OF THE STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
690 (westbound)
CONTINUED ON DWG 444853-200-C-110
SCALE: 1"=50'