

**APPENDIX D**  
**INTERMEDIATE DESIGN DRAWINGS**

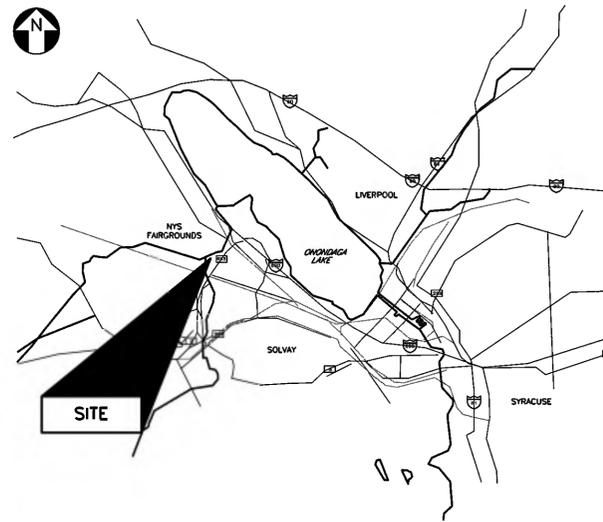
NOTICE: THIS DRAWING IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE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

# SEDIMENT MANAGEMENT INTERMEDIATE DESIGN SYRACUSE, NEW YORK

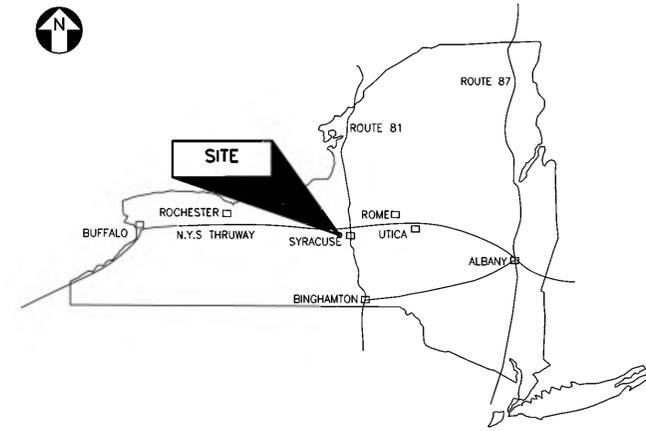
Prepared For:  
**HONEYWELL**

## DRAWING INDEX

NUMBER	REV	TITLE
444853-200-G-001	B	TITLE SHEET AND DRAWING INDEX
444853-200-C-001	B	SITE PLAN OVERVIEW
444853-200-C-002	B	WASTEBEDS 12-15 PLAN
444853-200-C-003	B	PROCESS AREA PLAN
444853-200-C-004	B	SLURRY PIPELINE AND PUMP STATION LOCATION PLAN
444853-200-C-005	B	STORM WATER BASIN 1 PLAN
444853-200-C-006	B	STORM WATER BASIN 2 PLAN
444853-200-C-007	B	STORM WATER BASINS SECTIONS AND DETAILS
444853-200-C-101	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 1 INDEX
444853-200-C-102	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 2
444853-200-C-103	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 3
444853-200-C-104	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 4
444853-200-C-105	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 5
444853-200-C-106	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 6
444853-200-C-107	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 7
444853-200-C-108	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 8
444853-200-C-109	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 9
444853-200-C-110	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 10
444853-200-C-111	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 11
444853-200-C-112	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 12
444853-200-C-113	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 13
444853-200-C-114	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 14
444853-200-C-115	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 15
444853-200-C-116	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 16
444853-200-C-117	B	SLURRY PIPELINE ALIGNMENT PLANS SHEET 17
444853-200-D-001	B	MASS BALANCE PROCESS FLOW DIAGRAM PHASE 1
444853-200-D-002	B	MASS BALANCE PROCESS FLOW DIAGRAM PHASE 1 TABLES
444853-200-D-003	B	MASS BALANCE PROCESS FLOW DIAGRAM PHASE 2
444853-200-D-004	B	MASS BALANCE PROCESS FLOW DIAGRAM PHASE 2 TABLES
444853-200-D-101	B	P&ID LEGEND AND ABBREVIATION SHEET
444853-200-D-102	B	SLURRY TRANSPORT SYSTEM P&ID SLURRY PIPELINE
444853-200-D-103	B	SLURRY TRANSPORT SYSTEM P&ID SLURRY PIPELINE
444853-200-D-104	B	SLURRY TRANSPORT SYSTEM P&ID SLURRY PIPELINE
444853-200-D-105	B	SLURRY TRANSPORT SYSTEM P&ID SLURRY PRECONDITIONING
444853-200-D-106	B	SLURRY TRANSPORT SYSTEM P&ID SLURRY PRECONDITIONING PHASE 2
444853-200-D-107	B	SLURRY TRANSPORT SYSTEM P&ID SAND SEPARATION SYSTEM # 1 PHASE 2
444853-200-D-108	B	SLURRY TRANSPORT SYSTEM P&ID SAND SEPARATION SYSTEM # 2 PHASE 2
444853-200-D-109	B	SLURRY TRANSPORT SYSTEM P&ID SLURRY PRECONDITIONING PHASE 2
444853-200-D-110	B	SLURRY TRANSPORT SYSTEM P&ID POLYMER FEED SYSTEM
444853-200-D-111	B	SLURRY TRANSPORT SYSTEM P&ID SCA AND BASIN 1 - NORTHWEST
444853-200-D-112	B	SLURRY TRANSPORT SYSTEM P&ID SCA AND BASIN 2 - NORTHEAST
444853-200-D-113	B	SLURRY TRANSPORT SYSTEM P&ID DRY POLYMER MIXING AND MAKE-UP WATER
444853-200-M-001	B	PROCESS AREA PLAN
444853-200-E-001	B	POWER DISTRIBUTION ONE-LINE DIAGRAM
444853-200-E-002	B	BOOSTER PUMP STATIONS ONE-LINE DIAGRAMS



SITE LOCATION MAP  
NOT TO SCALE



THE STATE OF NEW YORK  
NOT TO SCALE

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS

DRAWN BY	DATE	SEAL
JTS	12/21/09	
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  
**TITLE SHEET AND DRAWING INDEX**

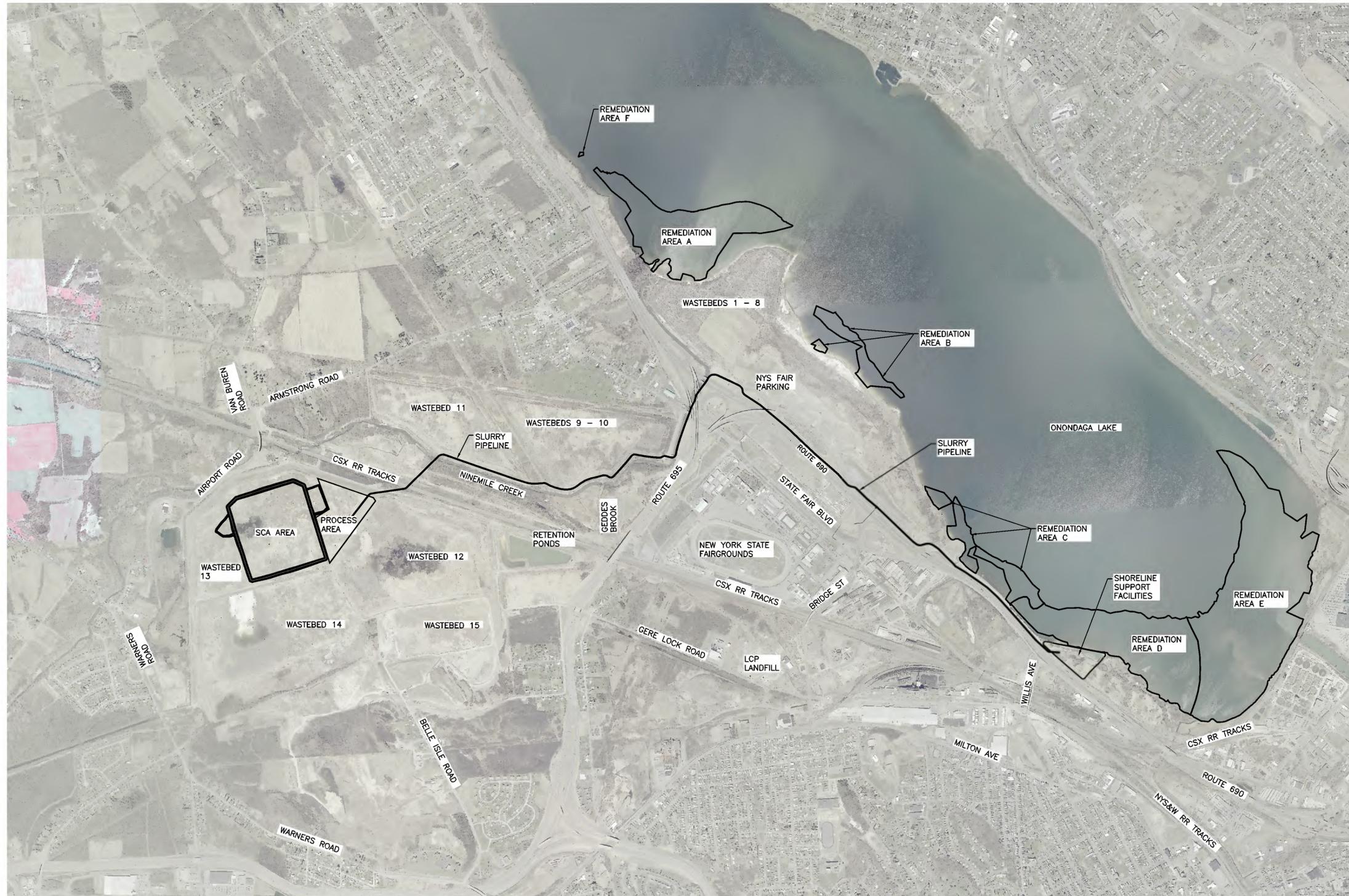
SCALE  
NO SCALE

DRAWING NO.  
**444853-200-G-001**

REV.  
**B**

NOT FOR  
CONSTRUCTION

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.



B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS

NO.	DESCRIPTION	DATE	SEAL	DRAWN	CHK'D	APP'VD
1	DRAWN BY	DATE	[Seal Area]			
	JTS	12/21/09				
	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

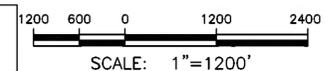
**Honeywell**  
ONONDAGA LAKE  
SEDIMENT MANAGEMENT DESIGN  
SYRACUSE, NEW YORK

DRAWING TITLE: **SITE PLAN OVERVIEW**

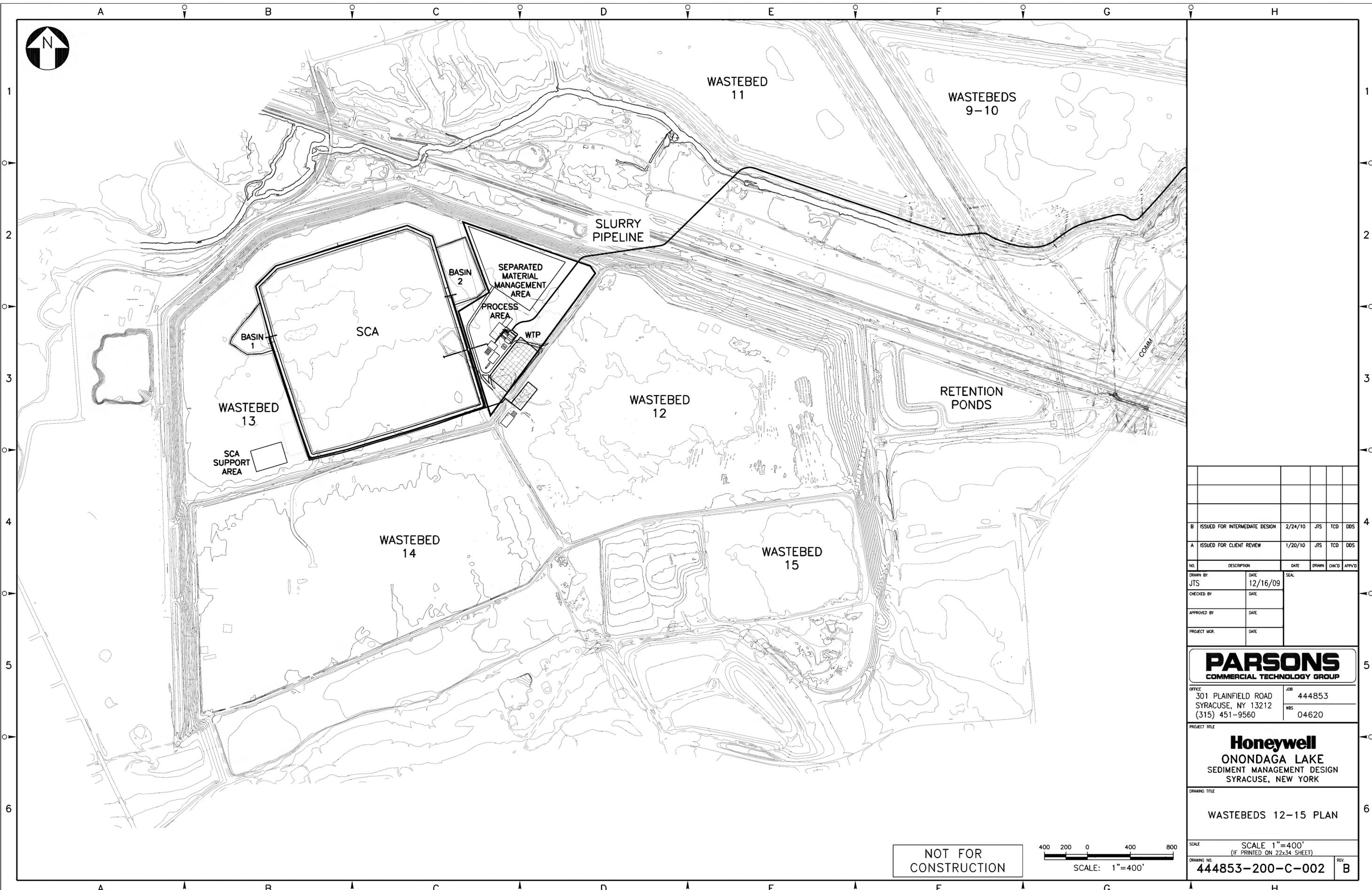
SCALE: 1"=1200'  
(IF PRINTED ON 22x34 SHEET)

DRAWING NO: **444853-200-C-001** REV: **B**

NOT FOR CONSTRUCTION



NOTICE: THIS DRAWING 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.



B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS	
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS	
NO.	DESCRIPTION	DATE	SEAL	DRAWN	CHK'D	APP'VD
DRAWN BY	JTS	DATE	12/16/09			
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

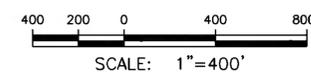
PROJECT TITLE  
**Honeywell**  
ONONDAGA LAKE  
SEDIMENT MANAGEMENT DESIGN  
SYRACUSE, NEW YORK

DRAWING TITLE  
WASTEBEDS 12-15 PLAN

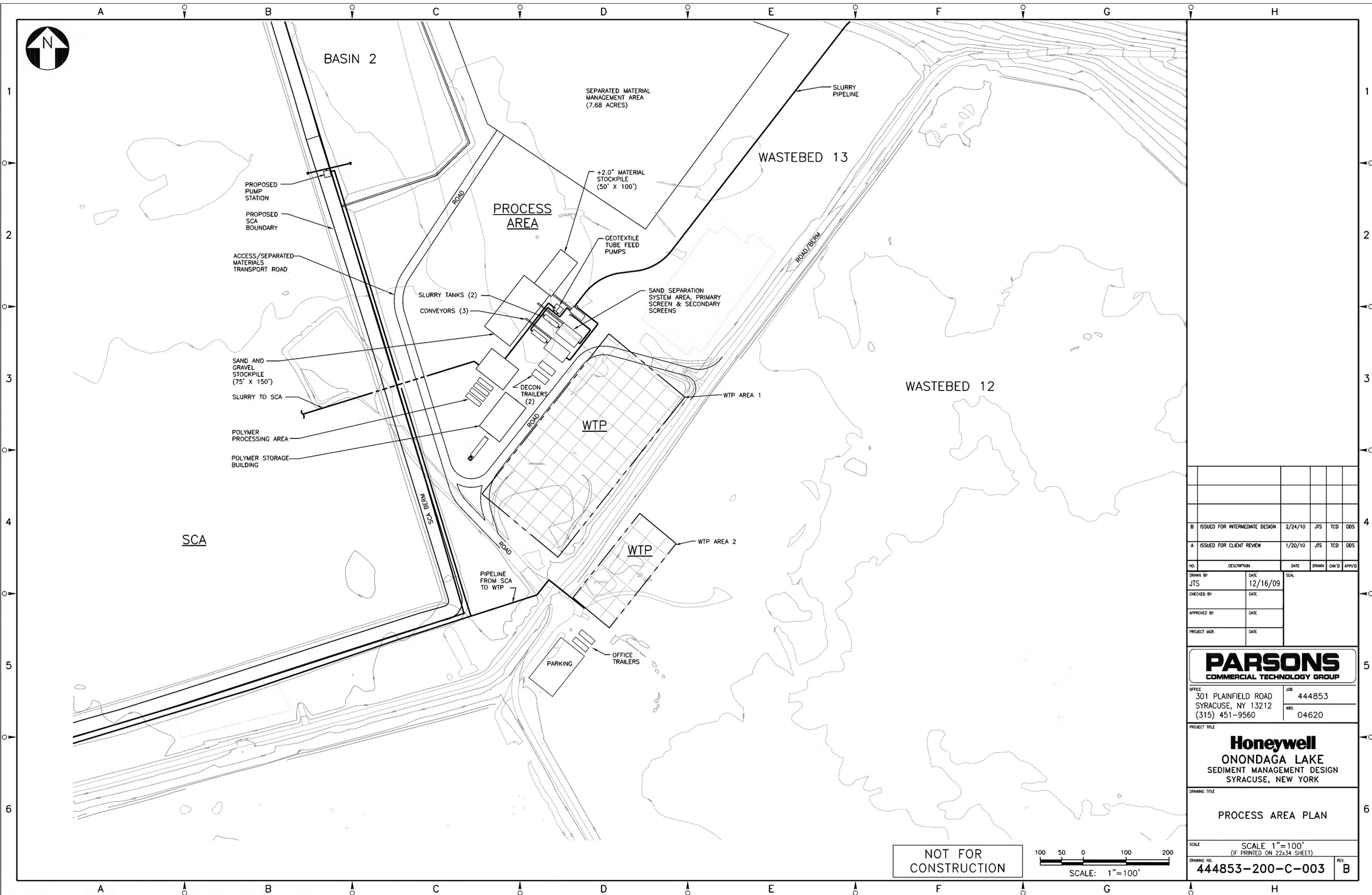
SCALE: 1"=400'  
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. **444853-200-C-002** REV. **B**

NOT FOR CONSTRUCTION



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.



B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
DRAWN BY	JTS	12/16/09			
CHECKED BY					
APPROVED BY					
PROJECT MGR.					

**PARSONS**  
COMMERCIAL TECHNOLOGY GROUP

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

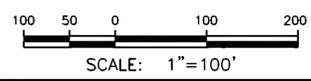
**Honeywell**  
ONONDAGA LAKE  
SEDIMENT MANAGEMENT DESIGN  
SYRACUSE, NEW YORK

PROCESS AREA PLAN

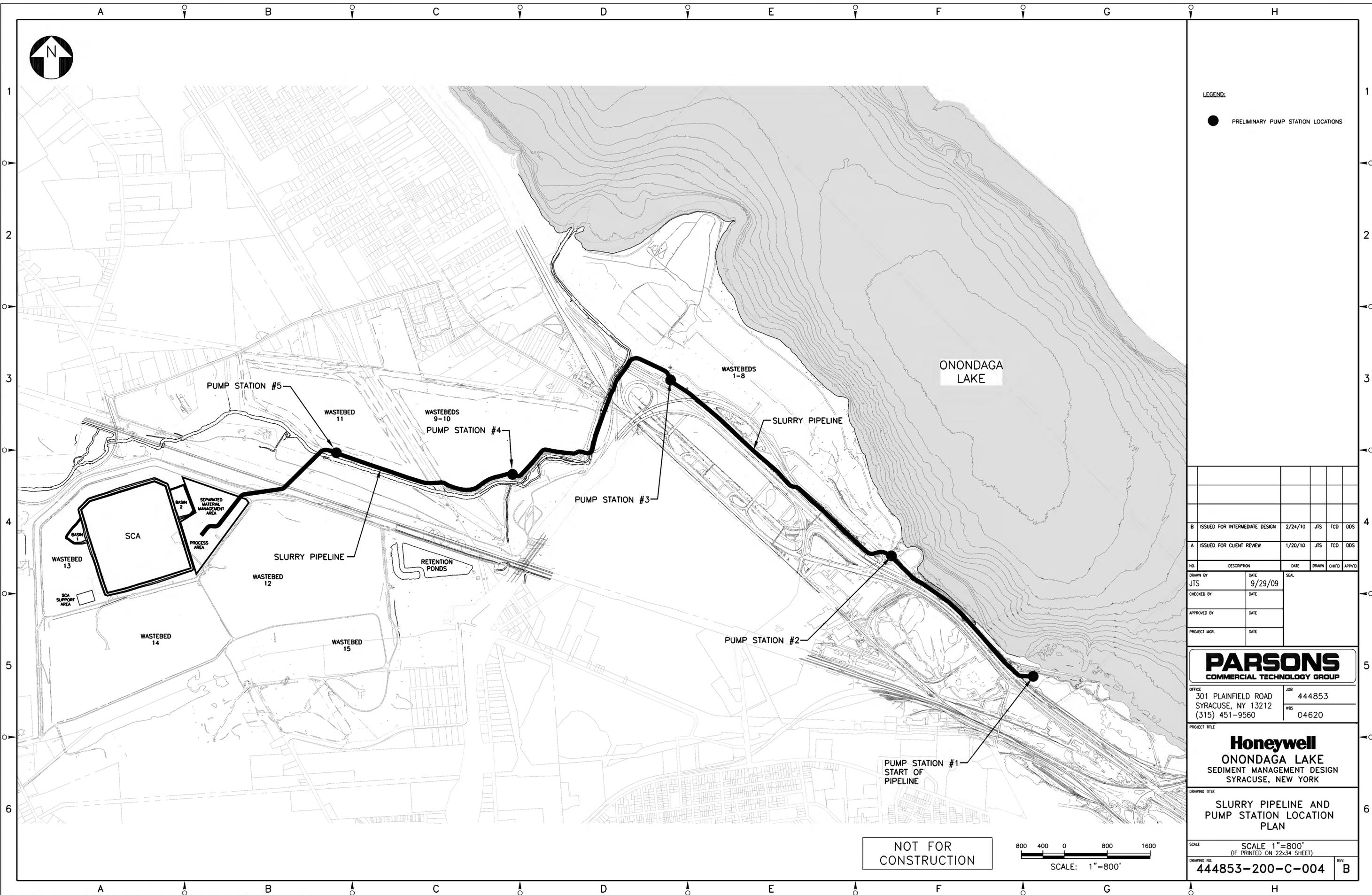
SCALE: 1" = 100'  
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. **444853-200-C-003** REV. **B**

NOT FOR CONSTRUCTION



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.



**LEGEND:**  
 ● PRELIMINARY PUMP STATION LOCATIONS

NO.	DESCRIPTION	DATE	SEAL	DRAWN	CHK'D	APP'VD
B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS	
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS	
	DRAWN BY	DATE	SEAL			
	JTS	9/29/09				
	CHECKED BY	DATE				
	APPROVED BY	DATE				
	PROJECT MGR.	DATE				

**PARSONS**  
 COMMERCIAL TECHNOLOGY GROUP

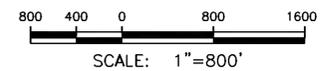
OFFICE: 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560  
 JOB: 444853  
 WBS: 04620

**Honeywell**  
 ONONDAGA LAKE  
 SEDIMENT MANAGEMENT DESIGN  
 SYRACUSE, NEW YORK

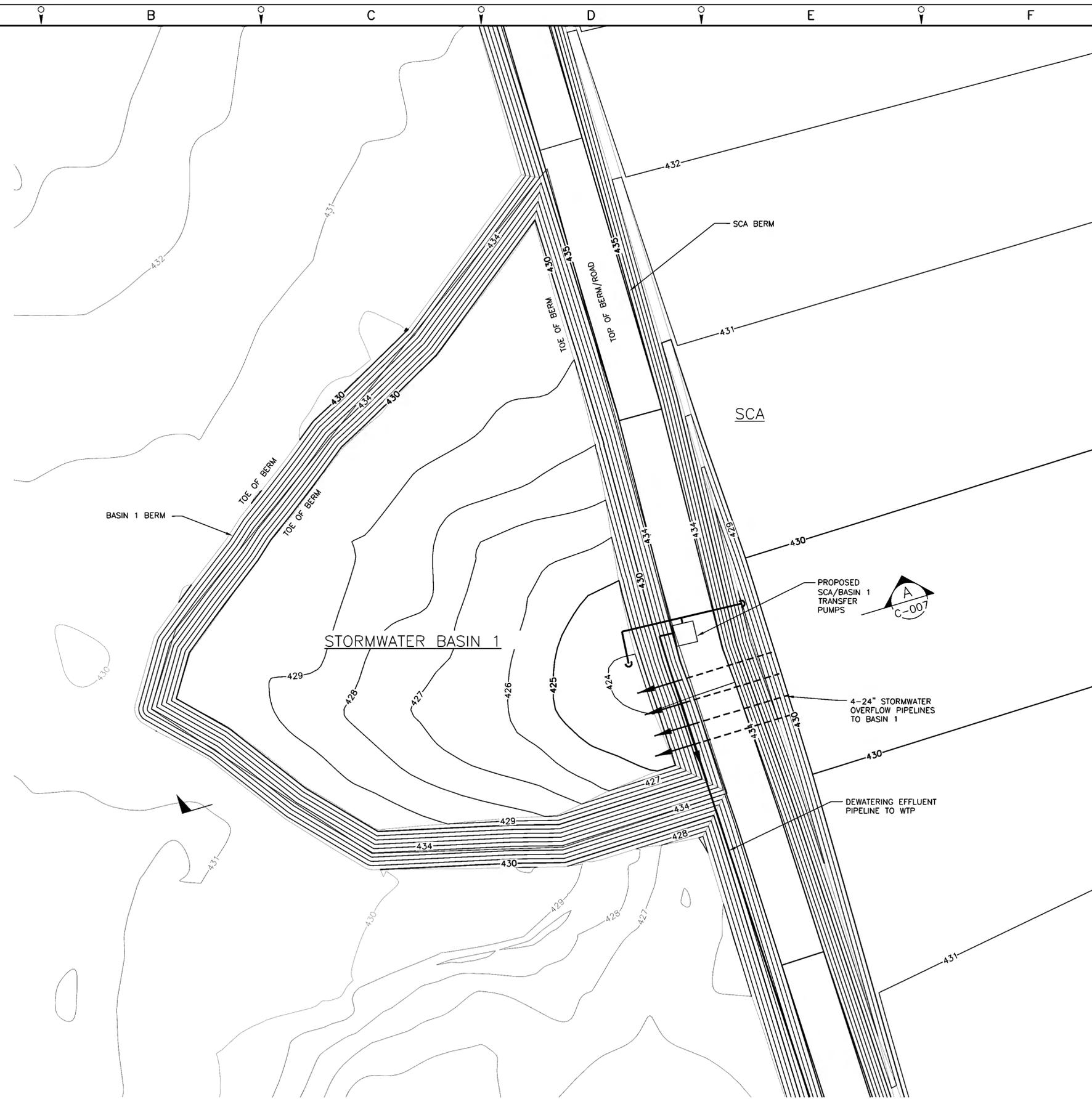
DRAWING TITLE:  
**SLURRY PIPELINE AND  
 PUMP STATION LOCATION  
 PLAN**

SCALE: 1"=800'  
 (IF PRINTED ON 22x34 SHEET)  
 DRAWING NO. **444853-200-C-004** REV. **B**

**NOT FOR  
 CONSTRUCTION**



NOTICE: THIS DRAWING IS THE PROPERTY OF HONEYWELL AND 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 SCA DESIGN DRAWINGS DEVELOPED BY GEOSYNTEC FOR SCA DESIGN PLANS AND DETAILS.
  - CONTOURS IN SCA ARE TOP OF DRAINAGE GRAVEL.

- LEGEND:
- 431 — EXISTING ELEVATION CONTOUR
  - 431 — NEW MINOR ELEVATION CONTOUR
  - 430 — NEW MAJOR ELEVATION CONTOUR

B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS

NO.	DESCRIPTION	DATE	SEAL	DRAWN	CHK'D	APP'VD
DRAWN BY	JTS	1/11/10				
CHECKED BY						
APPROVED BY						
PROJECT MGR.						



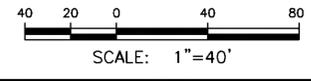
OFFICE: 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560  
 JOB: 444853  
 WBS: 04620

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

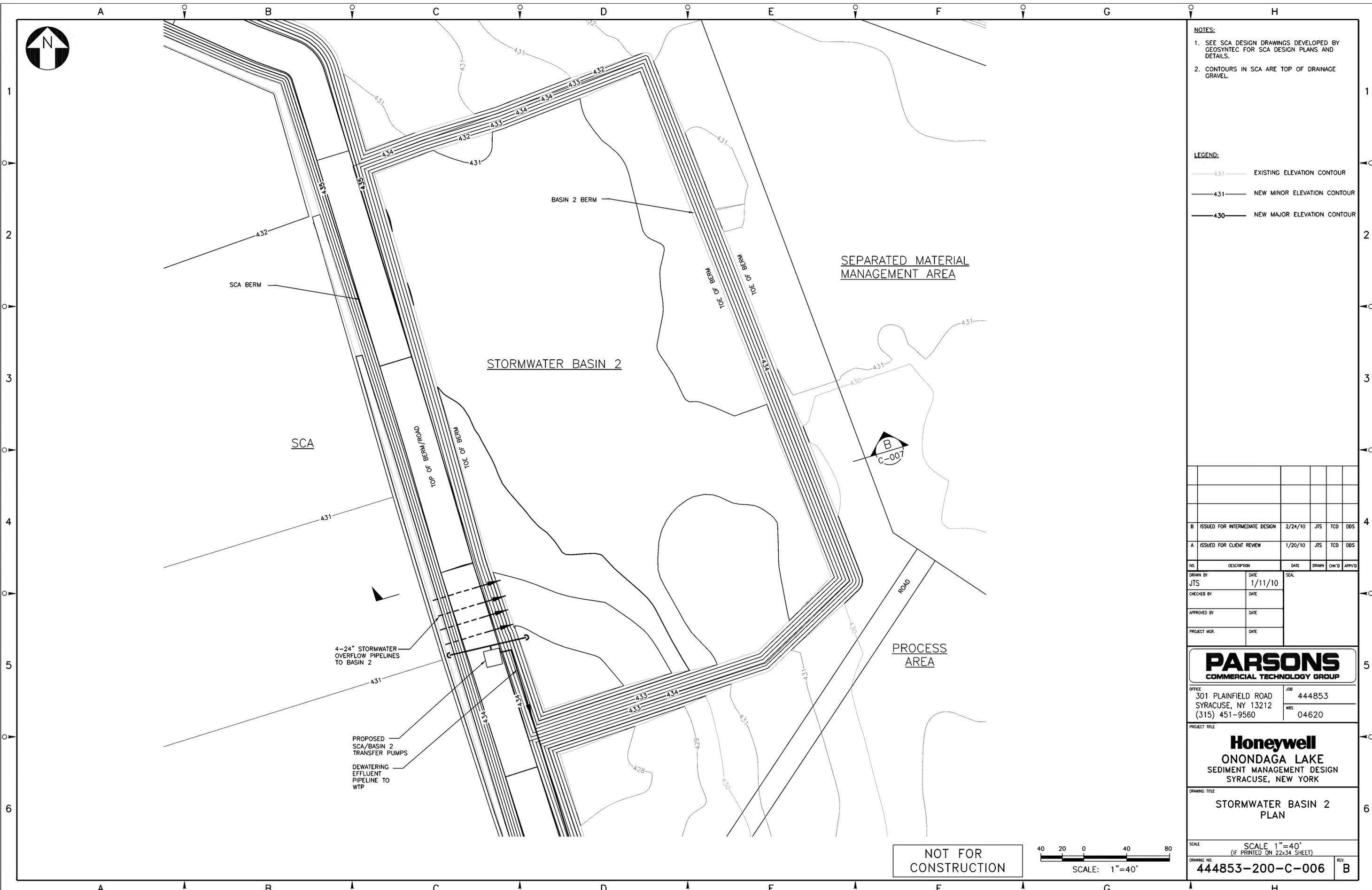
DRAWING TITLE:  
 STORMWATER BASIN 1  
 PLAN

SCALE: 1"=40'  
 (IF PRINTED ON 22x34 SHEET)  
 DRAWING NO.: 444853-200-C-005  
 REV. B

NOT FOR CONSTRUCTION



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 SCA DESIGN DRAWINGS DEVELOPED BY GEOSYNTec FOR SCA DESIGN PLANS AND DETAILS.
  - CONTOURS IN SCA ARE TOP OF DRAINAGE GRAVEL.

- LEGEND:**
- 431 EXISTING ELEVATION CONTOUR
  - 431 NEW MINOR ELEVATION CONTOUR
  - 430 NEW MAJOR ELEVATION CONTOUR

B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS

NO.	DESCRIPTION	DATE	SEAL	DRAWN	CHK'D	APP'VD
DRAWN BY	JTS	1/11/10	[Seal]			
CHECKED BY						
APPROVED BY						
PROJECT MGR.						

**PARSONS**  
COMMERCIAL TECHNOLOGY GROUP

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

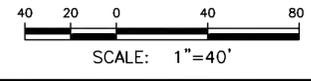
**Honeywell**  
ONONDAGA LAKE  
SEDIMENT MANAGEMENT DESIGN  
SYRACUSE, NEW YORK

DRAWING TITLE:  
**STORMWATER BASIN 2  
PLAN**

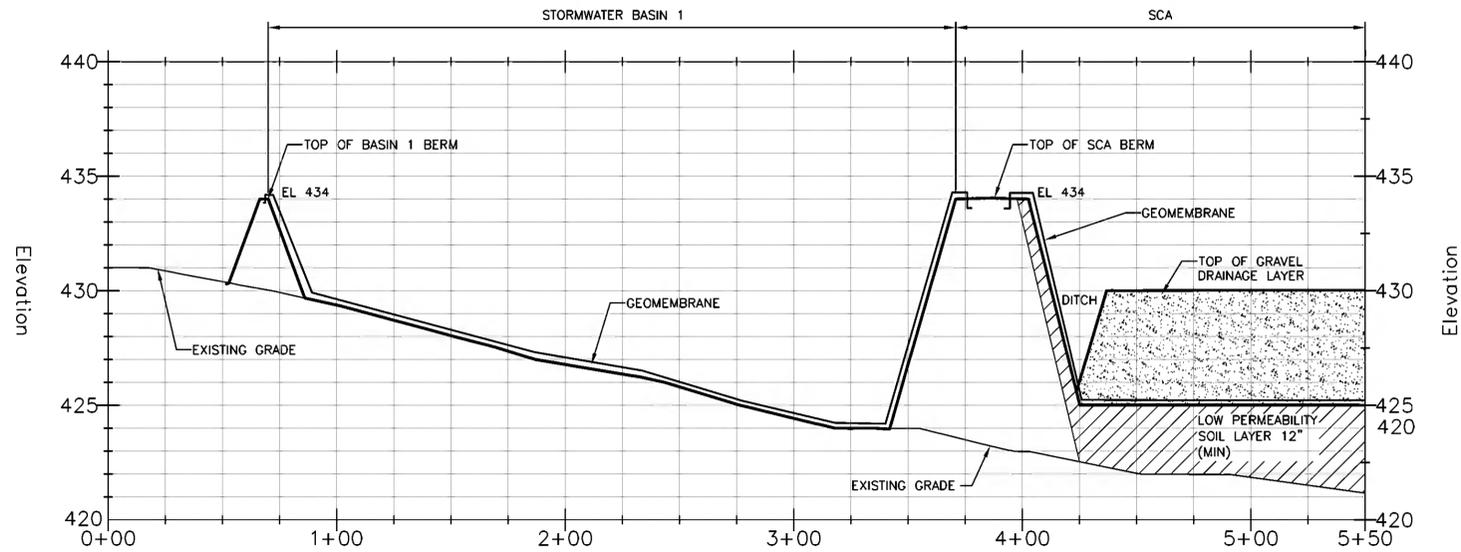
SCALE: 1"=40'  
(IF PRINTED ON 22x34 SHEET)

DRAWING NO. **444853-200-C-006** REV. **B**

**NOT FOR  
CONSTRUCTION**

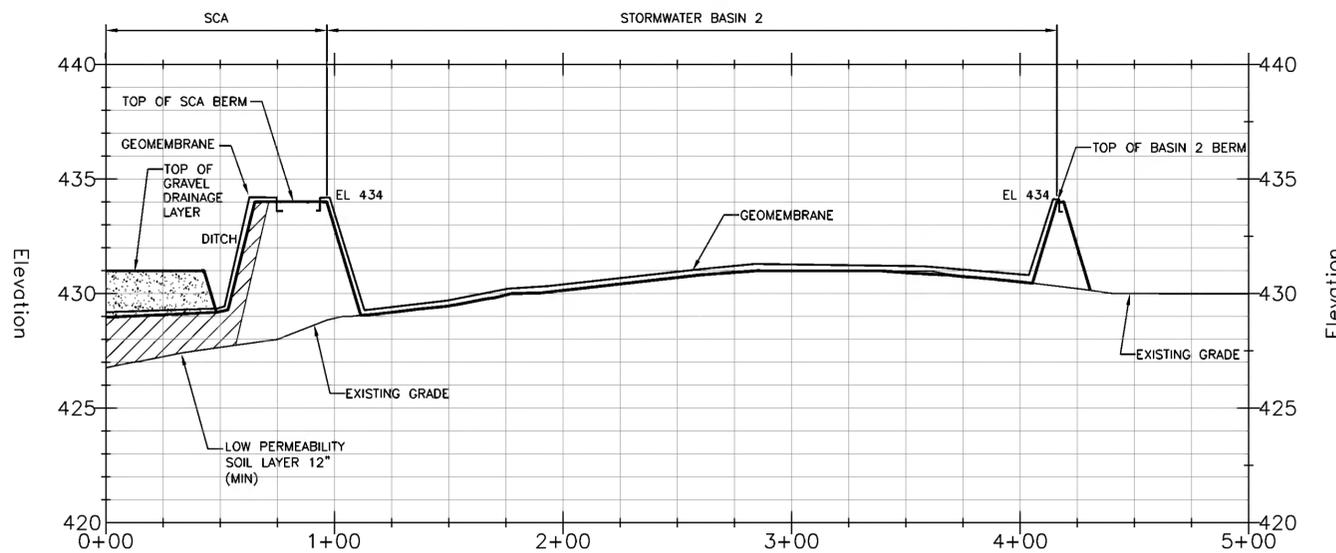


NOTICE: THIS DRAWING IS THE PROPERTY OF HONEYWELL. IT IS FURNISHED SUBJECT TO RETURN ON DEMAND AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART EXCEPT AS PREVIOUSLY AUTHORIZED IN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



STORMWATER BASIN 1

SECTION A  
 SCALE: 1"=40' HORIZ.  
 1"=4' VERT. C-005



STORMWATER BASIN 2

SECTION B  
 SCALE: 1"=40' HORIZ.  
 1"=4' VERT. C-006

NOTES:  
 1. SEE SCA DESIGN DRAWINGS DEVELOPED BY GEOSYNTEC FOR SCA DESIGN PLANS AND DETAILS.

B	ISSUED FOR INTERMEDIATE DESIGN	2/24/10	JTS	TCD	DDS
A	ISSUED FOR CLIENT REVIEW	1/20/10	JTS	TCD	DDS

NO.	DESCRIPTION	DATE	SEAL	DRAWN	CHK'D	APP'VD
1	DRAWN BY	DATE	 JTS 1/11/10			
	CHECKED BY	DATE				
	APPROVED BY	DATE				
	PROJECT MGR.	DATE				



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:  
**STORMWATER BASINS**  
**SECTIONS AND DETAILS**

SCALE: 1"=40'  
 (IF PRINTED ON 22x34 SHEET)  
 DRAWING NO. **444853-200-C-007** REV. **B**

NOT FOR  
CONSTRUCTION

