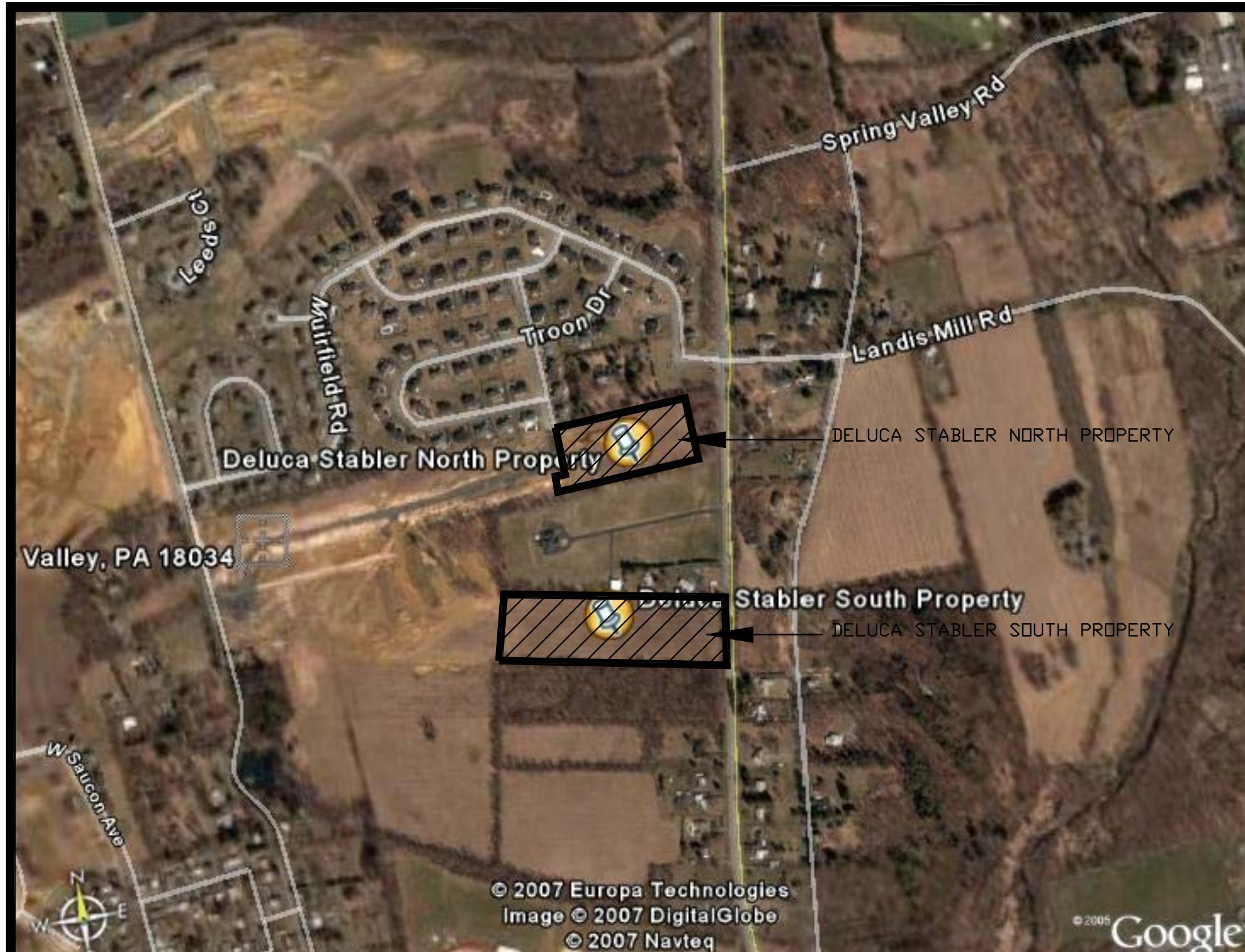


# **DELUCA HOMES STABLER CENTER PRELIMINARY LAND DEVELOPMENT PLANS**

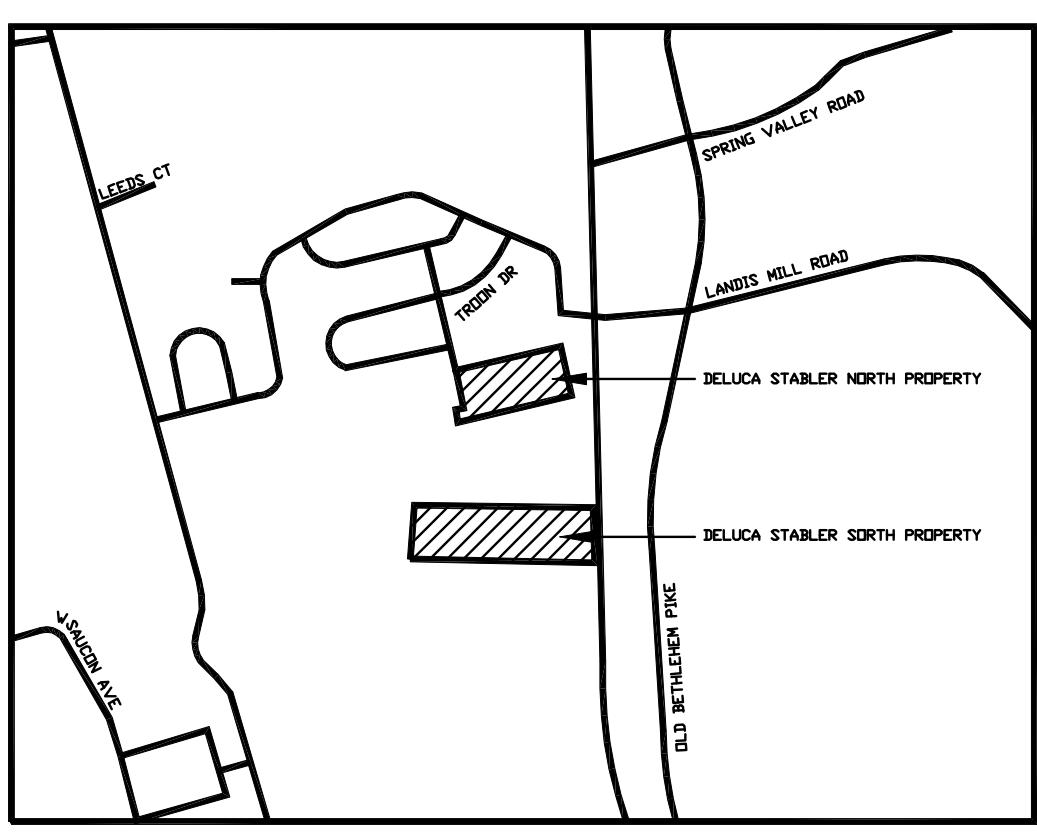
SITUATED IN:

## **UPPER SAUCON TOWNSHIP LEHIGH COUNTY, PA**

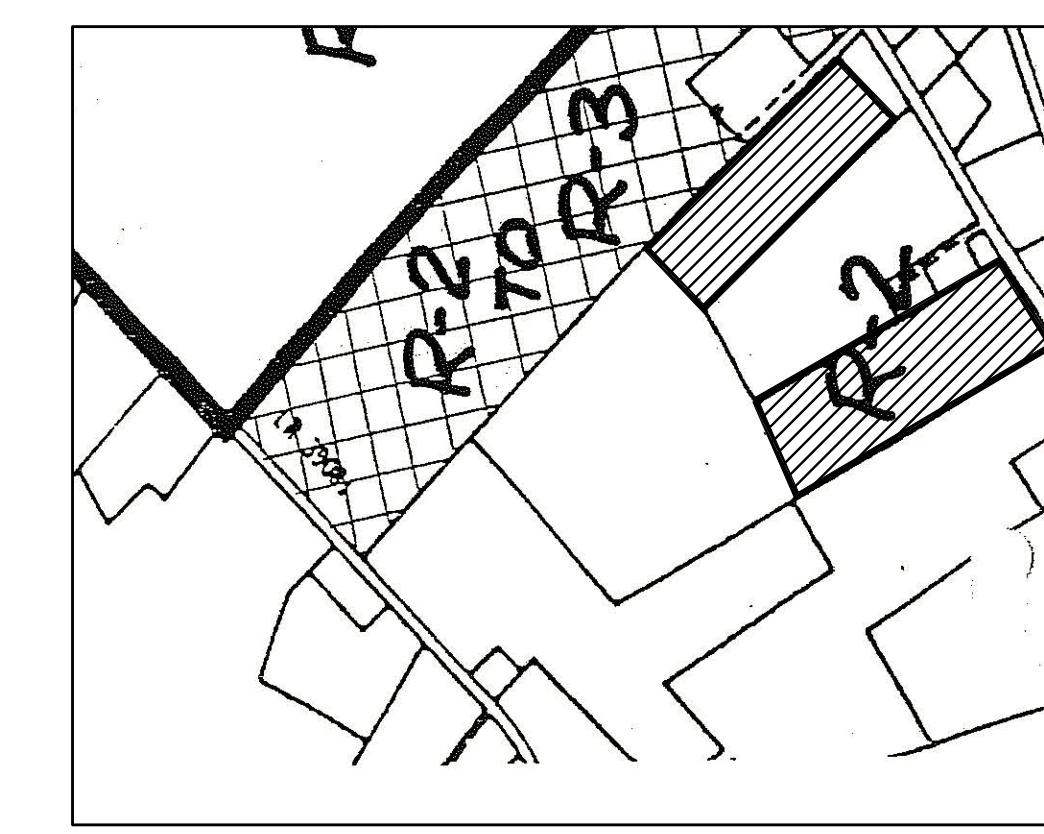


**LOCATION MAP**

SCALE: 1"=1000'



**VICINITY MAP**



**ZONING MAP**

**CERTIFICATIONS**

**SURVEYOR'S CERTIFICATION**

I HEREBY CERTIFY THAT I, \_\_\_\_\_, AM A REGISTERED PROFESSIONAL LAND SURVEYOR, LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF PENNSYLVANIA; THAT THIS IS A TRUE AND ACCURATE SURVEY MADE ON THE GROUND COMPLETED BY ME ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_ THAT ALL THE MARKERS SHOWN THEREON ACTUALLY EXIST; THAT THEIR LOCATION, SIZE, TYPE, AND MATERIAL ARE ACCURATELY SHOWN; AND THAT NO ENCROACHMENTS, RIGHT-OF-WAY, OR EASEMENTS EXIST, EXCEPT AS SHOWN HEREIN.

**SURVEYOR SIGNATURE** \_\_\_\_\_ **DATE** \_\_\_\_\_ **LICENSE NUMBER** \_\_\_\_\_

**OWNER CERTIFICATION**

I, (WE), \_\_\_\_\_, HAVE LAID OUT UPON MY (OUR) LAND, SITUATED IN COOPERSBURG, COUNTY OF LEHIGH, COMMONWEALTH OF PENNSYLVANIA, LOTS AND STREETS ACCORDING TO THIS PLAN WHICH IS INTENDED TO BE RECORDED. WITNESS MY (OUR) HAND AND SEAL THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_

**NOTARY**

COMMONWEALTH OF PENNSYLVANIA, COUNTY OF LEHIGH, ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_, BEFORE ME, THE SUBSCRIBER, A NOTARY PUBLIC OF THE COMMONWEALTH OF PENNSYLVANIA, PERSONALLY APPEARED \_\_\_\_\_ OWNER \_\_\_\_\_ OWNER WHO ACKNOWLEDGED THIS PLAN TO BE THE OFFICIAL PLAN OF PROPERTY OWNER SHOWN THEREON, SITUATE IN THE TOWNSHIP OF UPPER SAUCON, COUNTY OF LEHIGH, COMMONWEALTH OF PENNSYLVANIA AND DESIRED THAT THIS PLAN BE RECORDED ACCORDING TO THE LAW.

**NOTARY PUBLIC** \_\_\_\_\_ **SEAL** \_\_\_\_\_  
MY COMMISSION EXPIRES ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

**DESIGN ENGINEER CERTIFICATION**

TO THE BEST OF MY KNOWLEDGE, THE PLANS ARE IN CONFORMITY WITH ENGINEERING, ZONING, BUILDING, SANITATION, AND OTHER APPLICABLE UPPER SAUCON TOWNSHIP ORDINANCES AND REGULATIONS.

**DESIGN ENGINEER SIGNATURE** \_\_\_\_\_ **DATE** \_\_\_\_\_

**TOWNSHIP ENGINEER REVIEW**

REVIEWED BY THE UPPER SAUCON TOWNSHIP ENGINEER THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

**ENGINEER'S SIGNATURE** \_\_\_\_\_

**LEHIGH COUNTY PLANNING COMMISSION REVIEW BCPC NO. \_\_\_\_\_**

CERTIFIED BY EXECUTIVE DIRECTOR OF LEHIGH COUNTY PLANNING COMMISSION THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

**LCPC SIGNATURE** \_\_\_\_\_

**TOWNSHIP PLANNING COMMISSION APPROVAL**

APPROVED BY THE UPPER SAUCON TOWNSHIP PLANNING COMMISSION ON THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

**MEMBER** \_\_\_\_\_ **MEMBER** \_\_\_\_\_ **MEMBER** \_\_\_\_\_

**UPPER SAUCON TOWNSHIP BOARD OF SUPERVISORS APPROVAL**

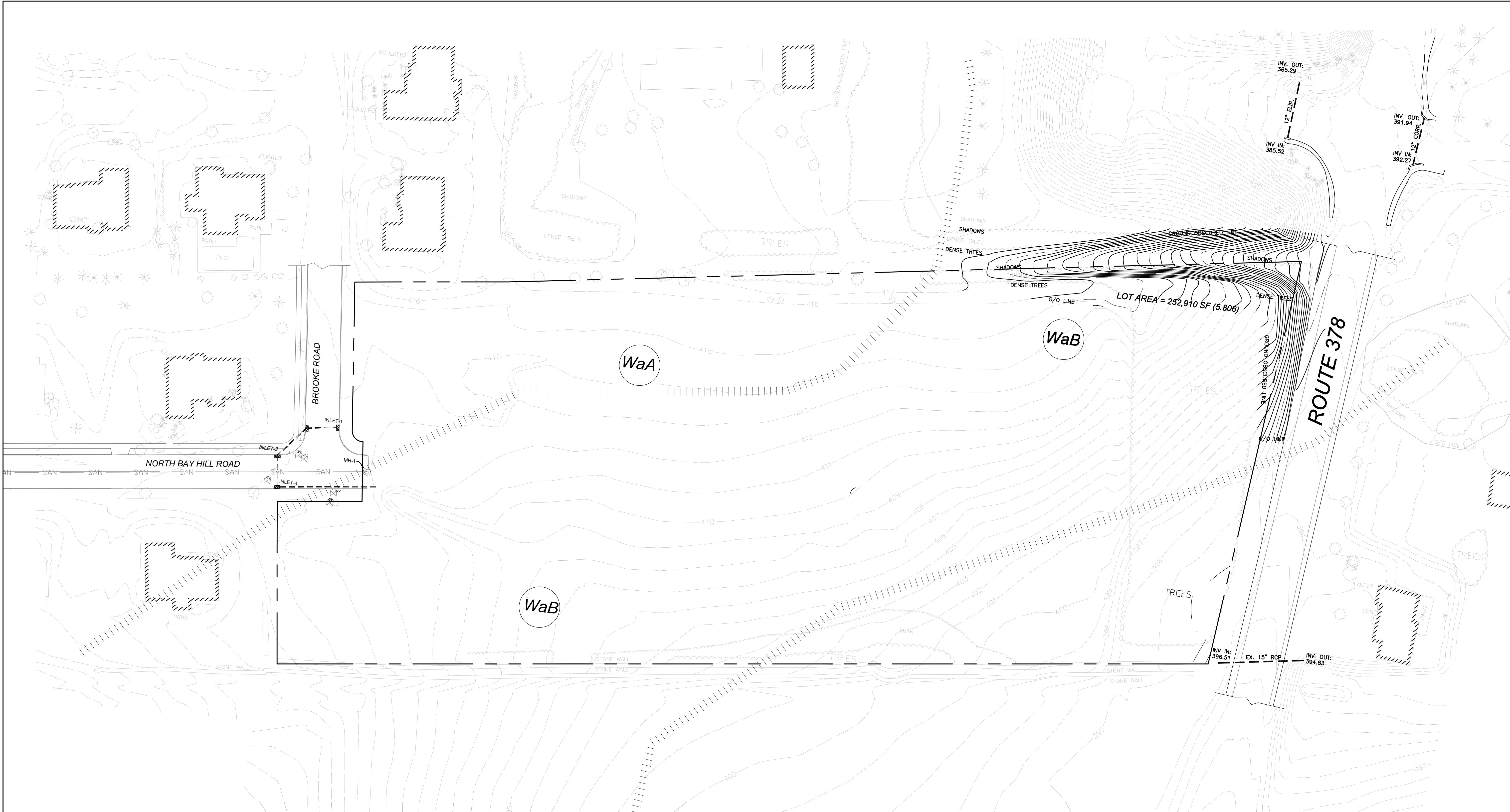
APPROVED BY THE UPPER SAUCON TOWNSHIP BOARD OF SUPERVISORS ON THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

**SUPERVISOR** \_\_\_\_\_ **SUPERVISOR** \_\_\_\_\_ **SUPERVISOR** \_\_\_\_\_

COVER SHEET

1

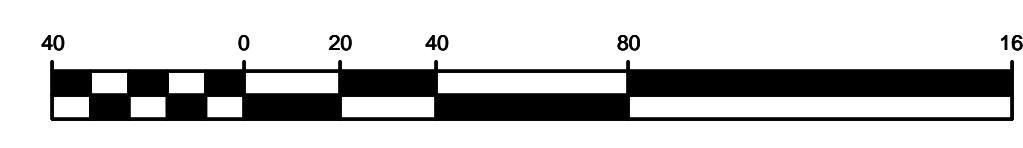
AS SHOWN



LEGEND

EX. BUILDING	_____
EX. CARTWAY	_____
EX. CENTERLINE	_____
EX. CONTOUR	_____
EX. CULVERTS	_____
EX. PROPERTY LINE	— — — — —
EX. SANITARY	SAN SAN SAN
EX. SIDEWALKS	_____
EX. SOILS	
EX. STORM	_____
EX. TEXT	_____
EX. TREELINE	~~~~~
EX. WETLANDS	_____
EX. NEIGHBORING PROPERTY LINE	— — — — —

EXISTING CONDITIONS - NORTH



2

1":40'





#### LEGEND

- EX. BUILDING
- EX. CARTWAY
- EX. CENTERLINE
- EX. CONTOUR
- EX. CULVERTS
- EX. PROPERTY LINE
- EX. SANITARY
- EX. SIDEWALKS
- EX. SOILS
- EX. STORM
- EX. TEXT
- EX. TREELINE
- EX. WETLANDS
- EX. NEIGHBORING PROPERTY LINE

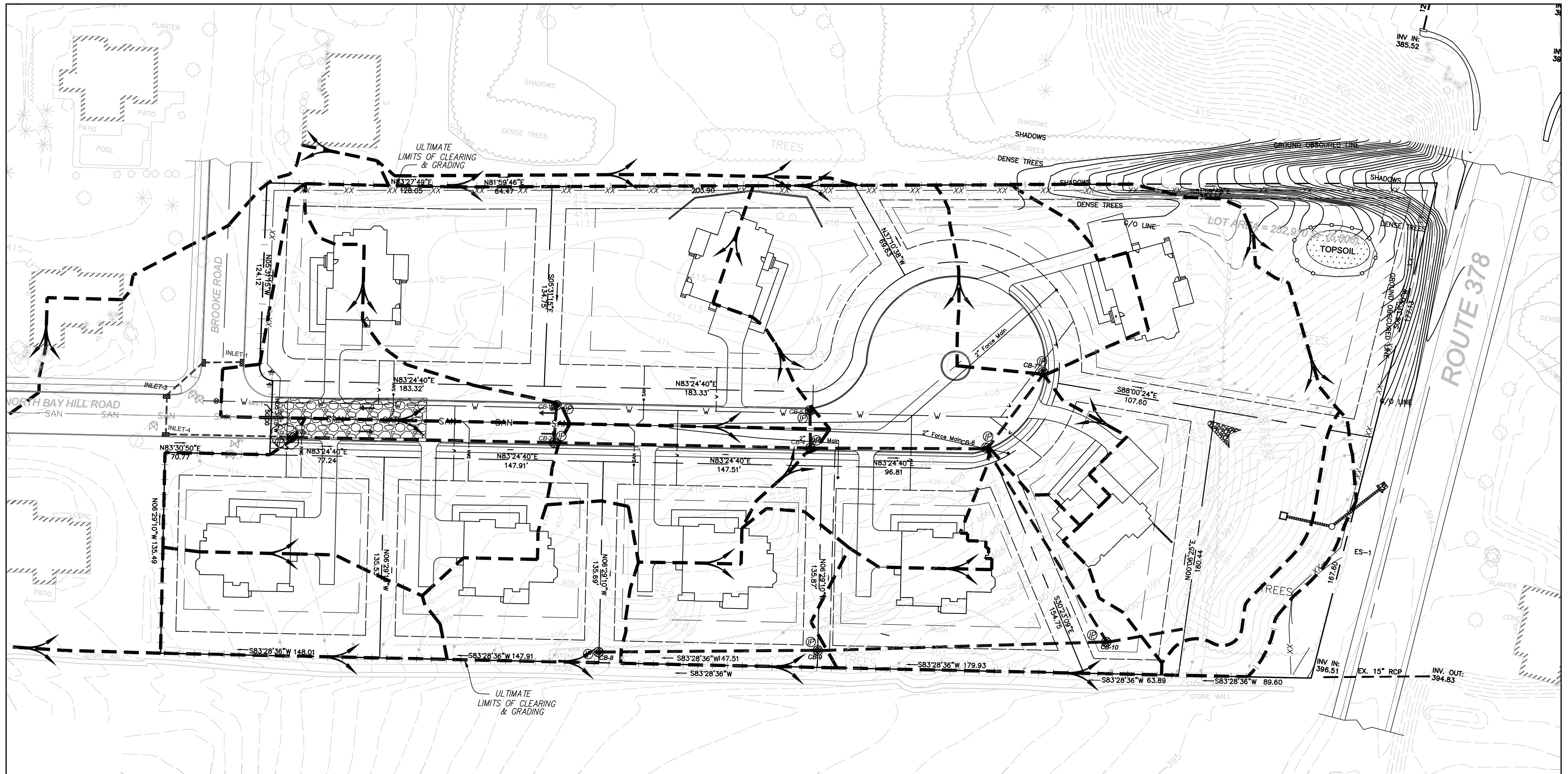
EX. WETLANDS  
EX. NEIGHBORING PROPERTY LINE



40 0 20 40 160  
GRAPHIC SCALE  
1"=40'

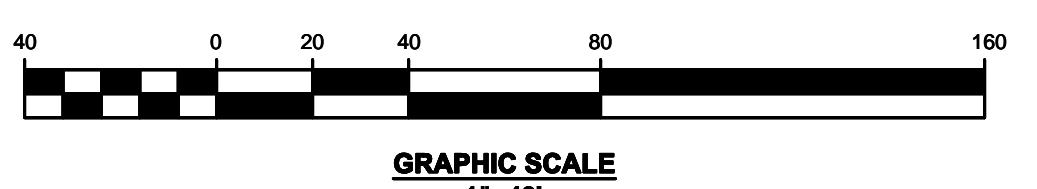
3

1":40'



**LEGEND**

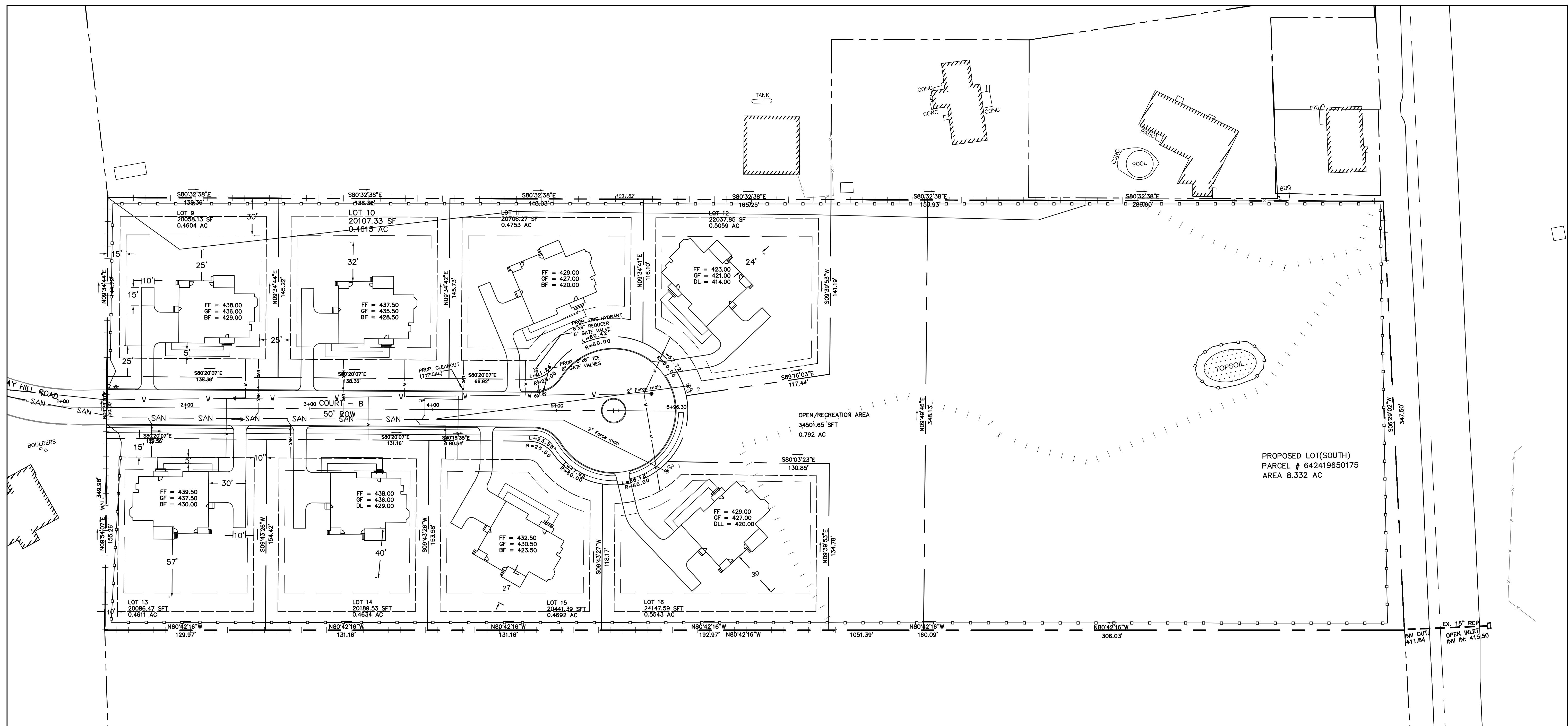
SUPER SILT FENCE	(SF)	— XX —
INLET PROTECTION	(IP)	○
TEMPORARY STONE CONSTRUCTION ENTRANCE		[Blank Box]



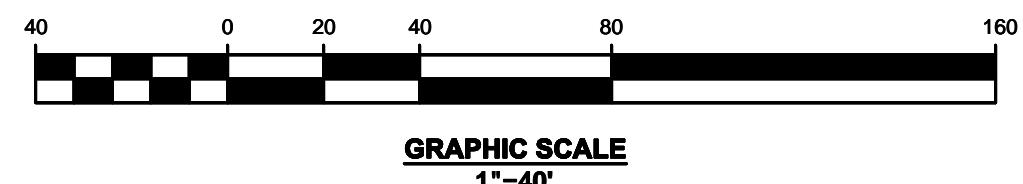
E & S CONTROL PHASE II - NORTH

27

1":40'

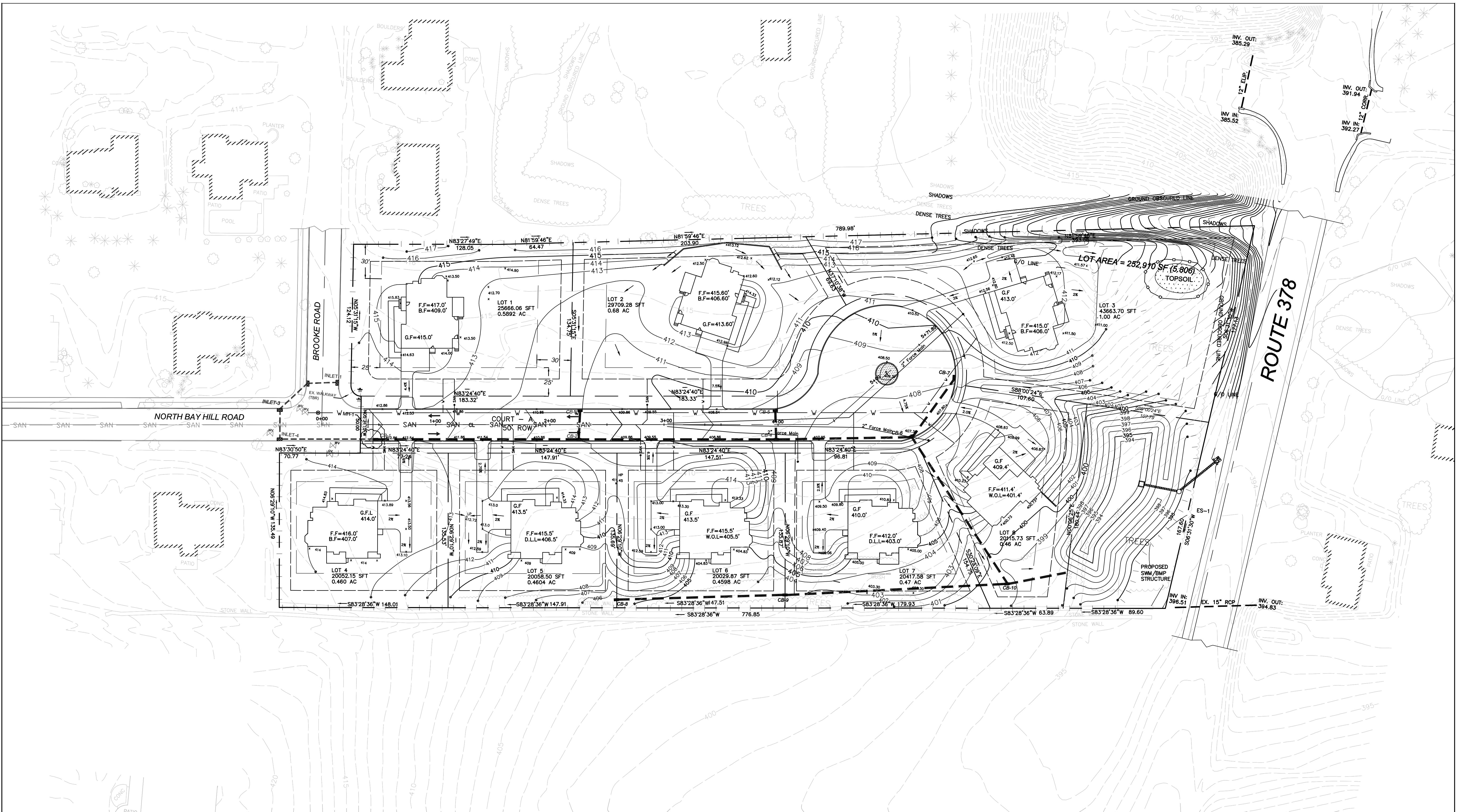


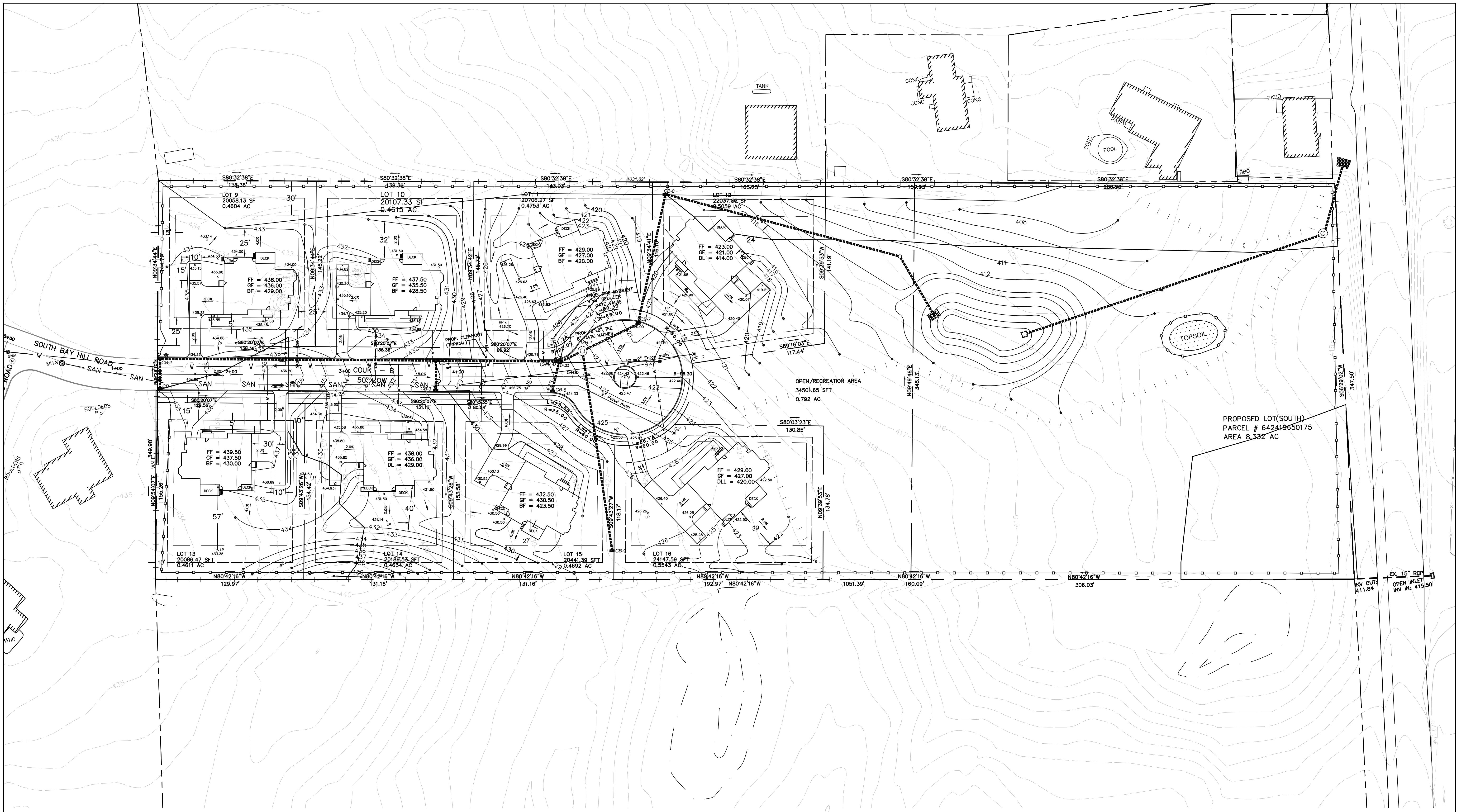
## SITE PLAN - SOUTH



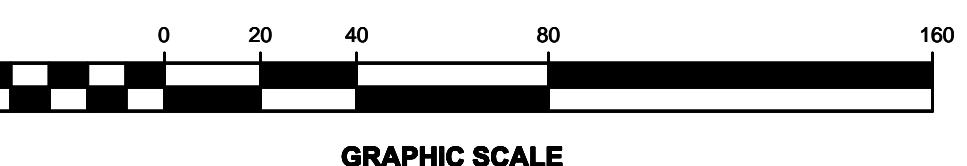
5

1":40'





## GRADING PLAN - SOUTH

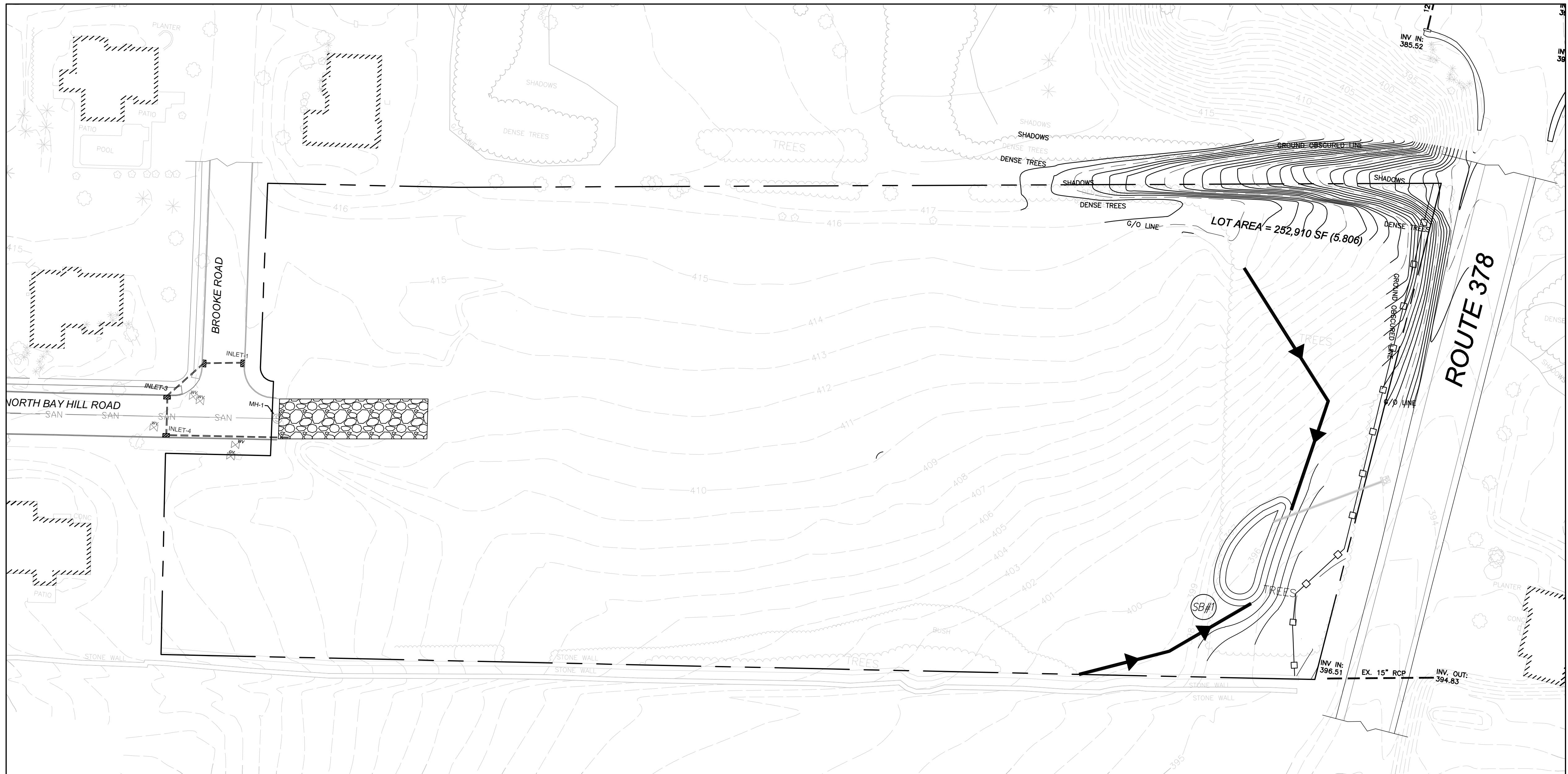


# **GRAPHIC SCALE**

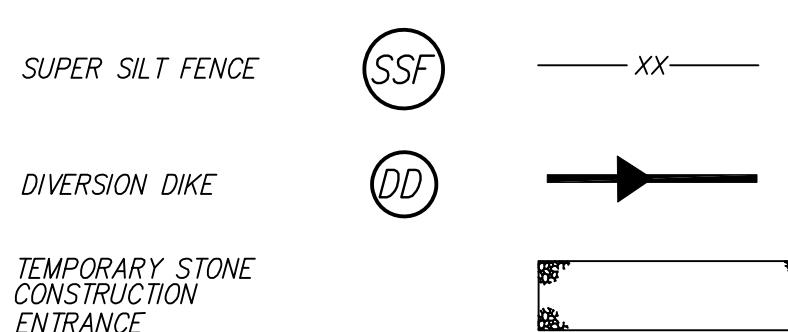
## **1 " = 40'**

·40'

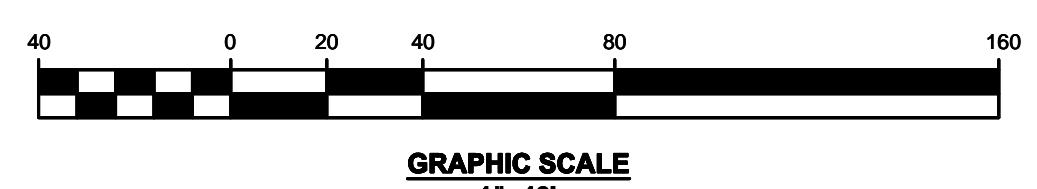
-40'



LEGEND

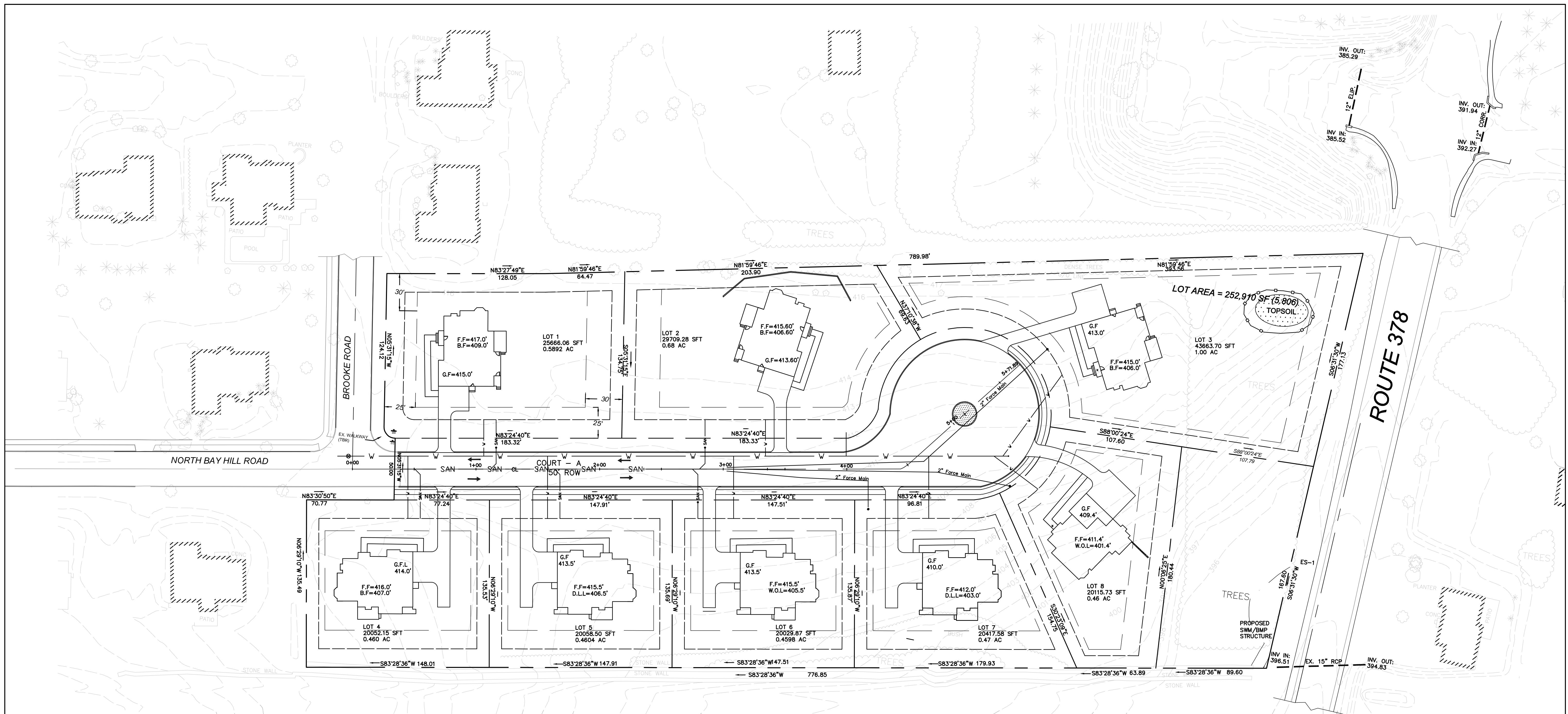


NOTE: THE DIVERSION DIKES ARE REQUIRED TO BE STABILIZED WITHIN 24 HOURS.



NORTH

E & S CONTROL PHASE I - NORTH



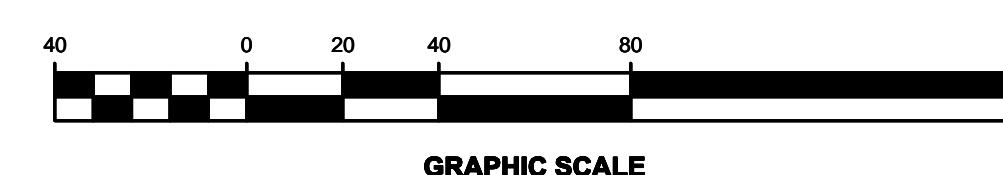
SITE PLAN - NORTH

4

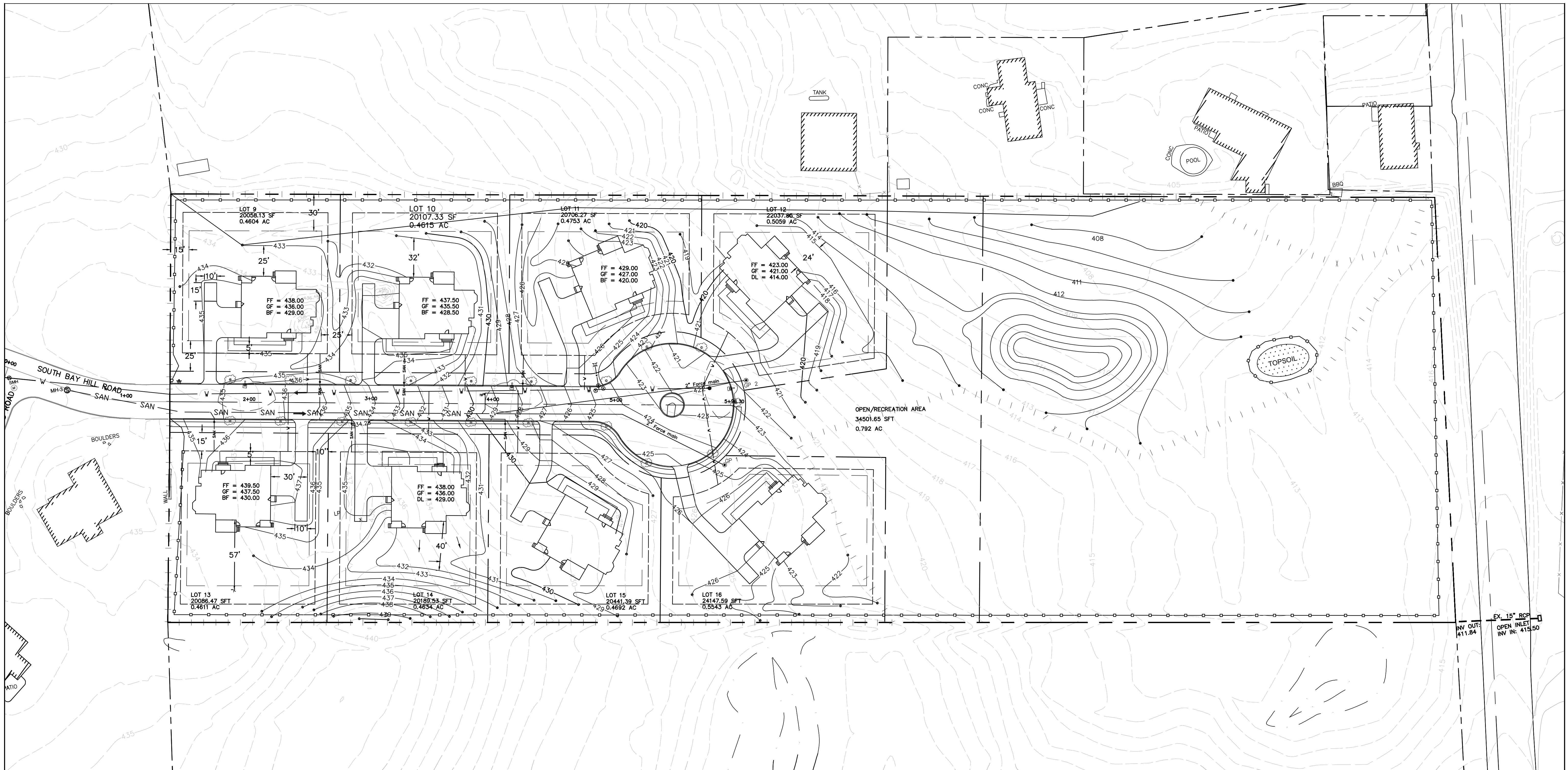
11-140

LOT INFORMATION

DEFINITION	LOT AREA	IMPERVIOUS AREA
LOT 1	25666.06 SFT	3351.16 SFT
LOT 2	29709.28 SFT	3383.47 SFT
LOT 3	43663.70 SFT	3556.08 SFT
LOT 4	20052.15 SFT	4261.90 SFT
LOT 5	20058.50 SFT	4303.08 SFT
LOT 6	20029.87 SFT	4317.86 SFT
LOT 7	20417.58 SFT	4305.03 SFT
LOT 8	20115.73 SFT	2575.25 SFT



**GRAPHIC SCALE**  
**1"-40'**

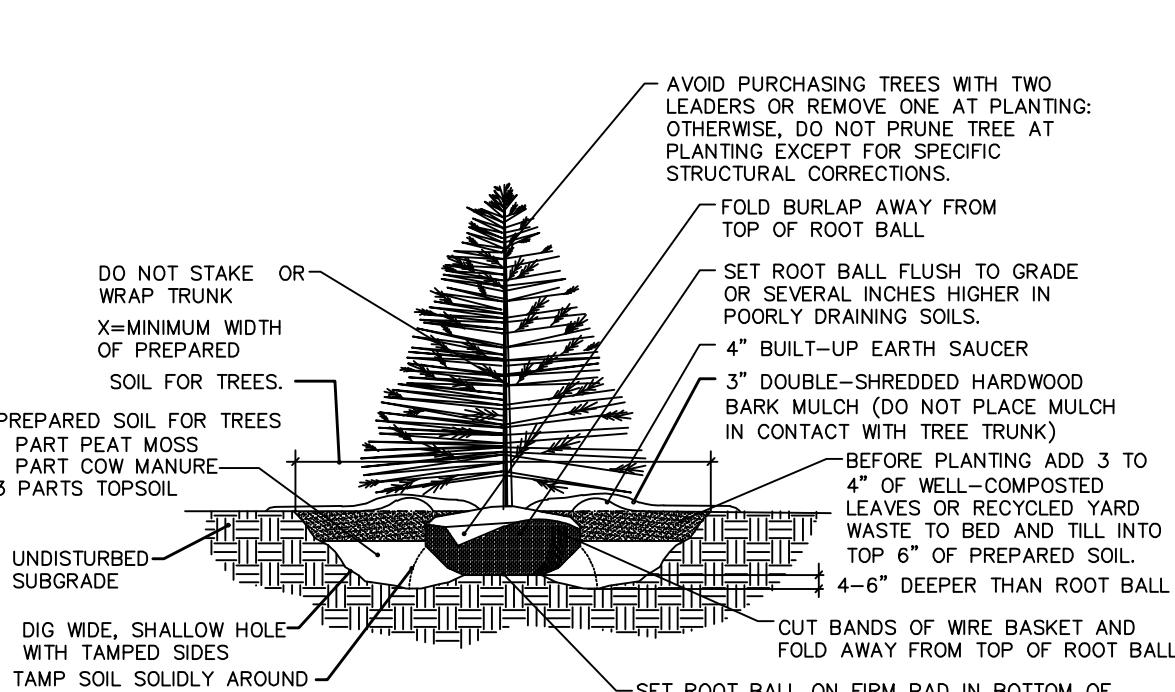


KEY	BOTANICAL NAME	COMMON NAME	SIZE, IN
(A) QTY-6	ACER GINNALA ACER PLANTANOIDES	AMERICAN MAPLE NORWAY MAPLE	2 1/2
(B) QTY-6	FRAXINUS AMERICANA FRAXINUS PENNSYLVANIACA LANCEOLATA	WHITE OAK GREEN ASH	2 1/2
(C) QTY-7	QUERCUS ALBA QUERCUS BOREALIS	WHITE OAK RED OAK	2 1/2



#### GENERAL PLANTING NOTES:

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS & DISEASES.
- ALL PLANTS MUST BE CONTAINER-GROWN OR BALLED & BURLAPPED (B&B).
- ALL TREES MUST BE STRAIGHT TRUNKED, FULL-HEADED & MEET ALL REQUIREMENTS SPECIFIED.
- ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT & THE OWNER BEFORE, DURING & AFTER INSTALLATION UNTIL THE DATE OF FINAL ACCEPTANCE.
- ALL TREES MUST BE GUYED OR STAKED AS DETERMINED BY THE LANDSCAPE ARCHITECT.
- ALL PLANTS & PLANTING AREAS MUST BE COMPLETELY MULCHED AS PER DRAWINGS.
- PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES & SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY & ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) OF PLANTING AREAS & LAWNS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE LANDSCAPE ARCHITECT & THE OWNER.

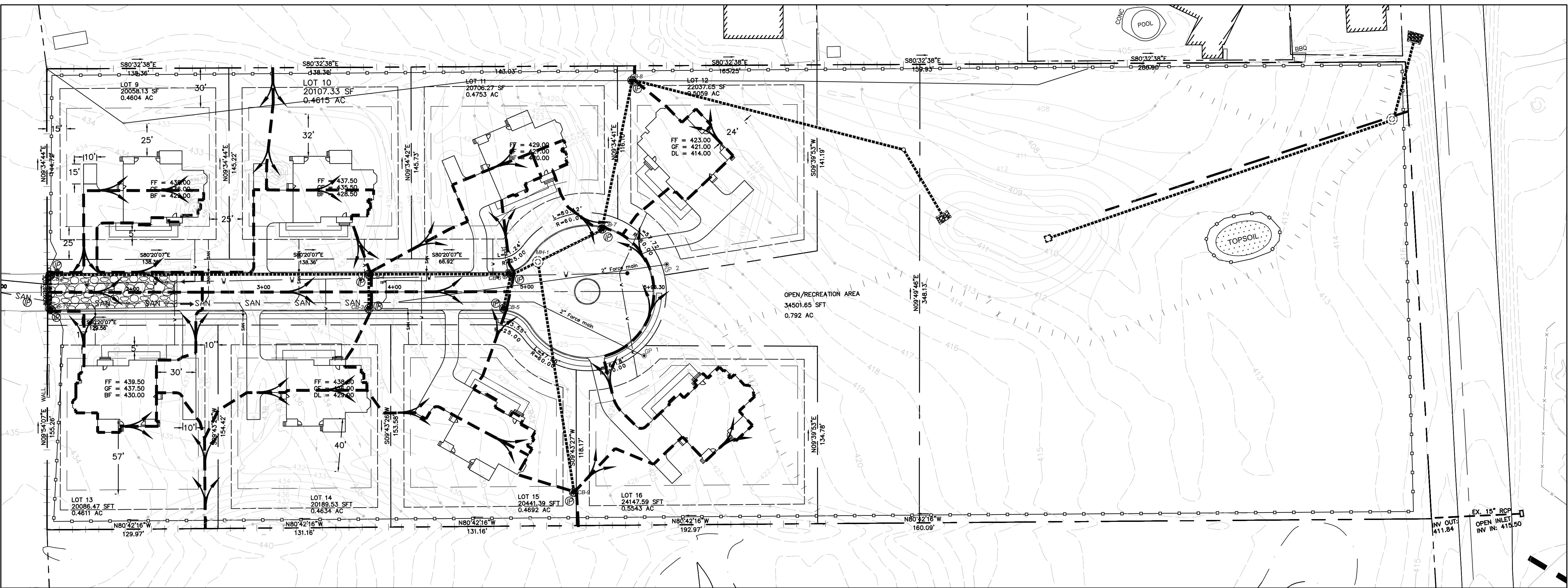


EVERGREEN TREE PLANTING DETAIL  
NOT TO SCALE

DRAWING LEGEND	
EX PROPERTY LINE	_____
EX NEIGHBORING PROPERTY LINE	_____
EX CONTOUR MAJOR	_____
EX CONTOUR MINOR	_____
EX CARTWAY	PR. CARTWAY
PR. CENTERLINE	_____
PR. DRIVEWAY	_____
PR. SETBACK LINE	_____
PR. RIGHT OF WAY	_____
PR. SIDEWALK	_____
PR. PROPERTY LINE	_____
PR. BLOBS	_____
PR. SILT FENCE	_____

GRAPHIC SCALE  
1"-40'

Landscape Plan - South



#### LEGEND

SUPER SILT FENCE

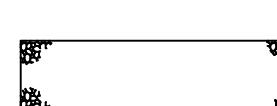


XX

LIMITS OF CLEARING AND GRADING



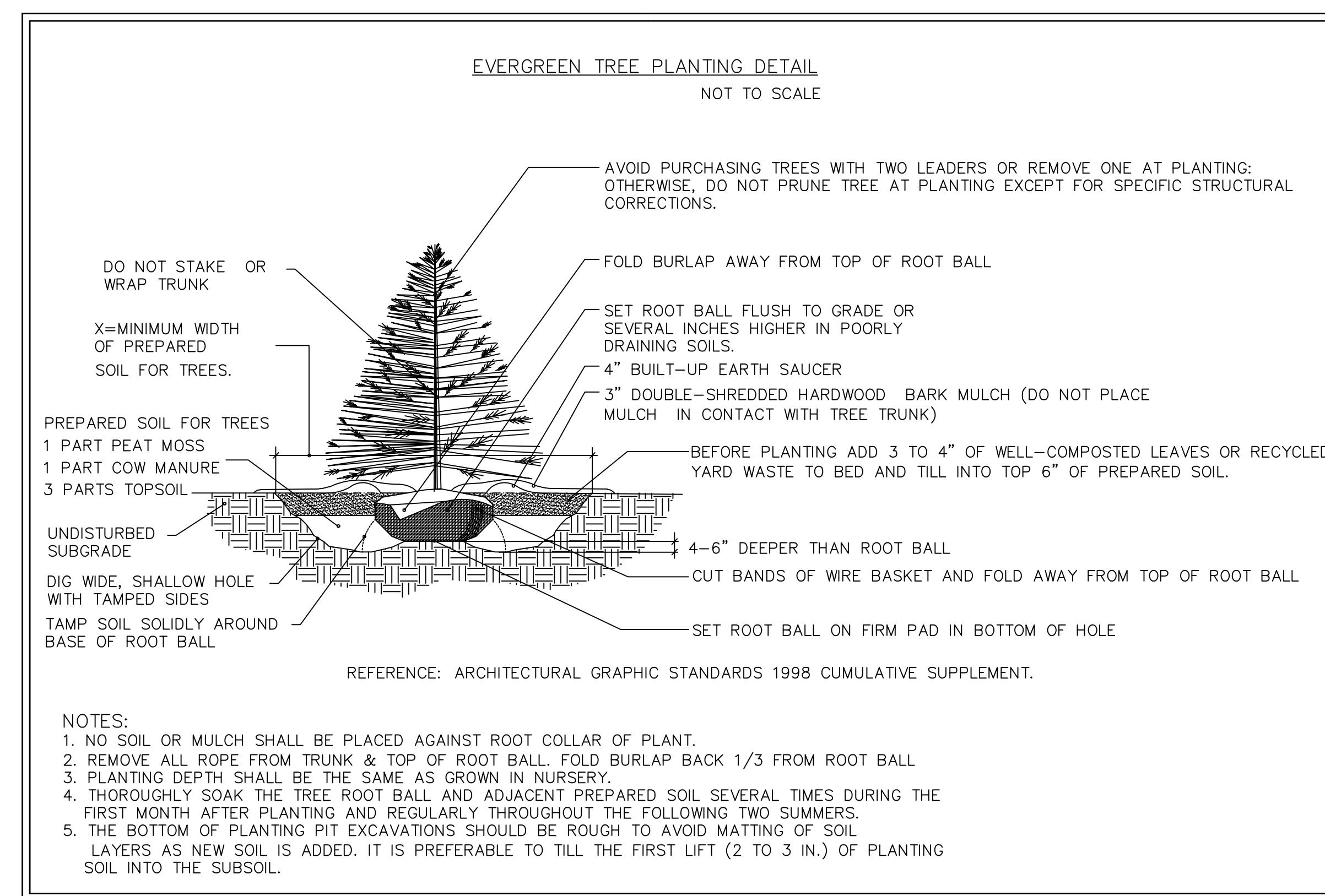
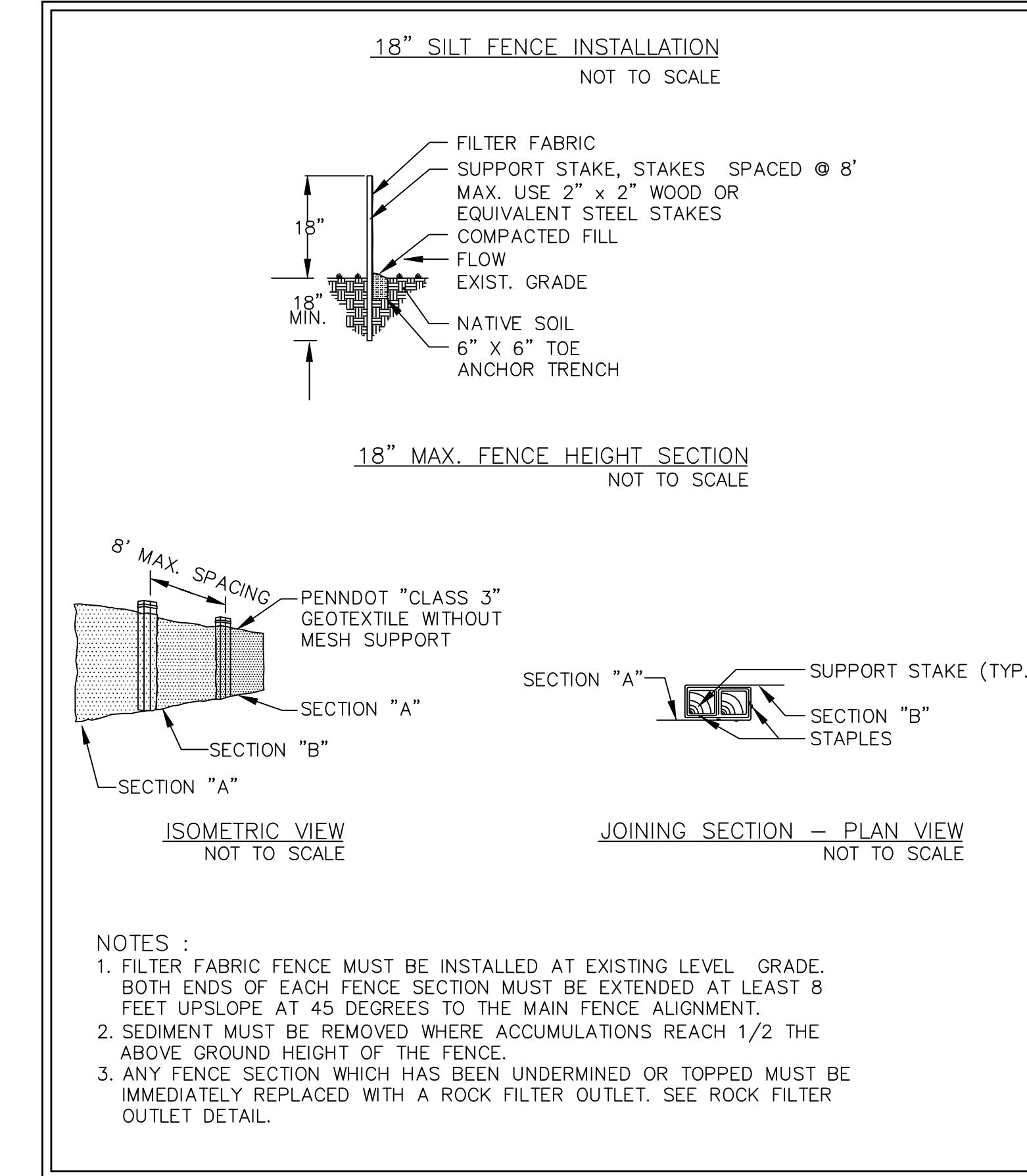
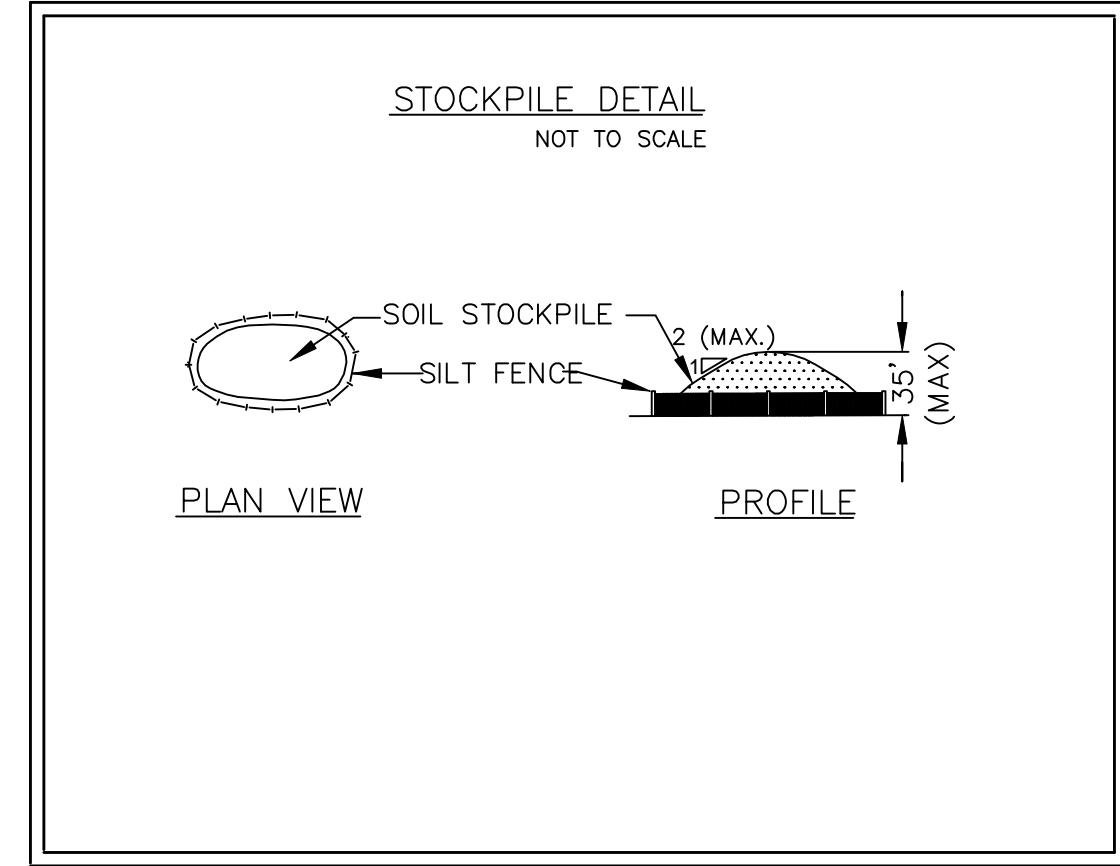
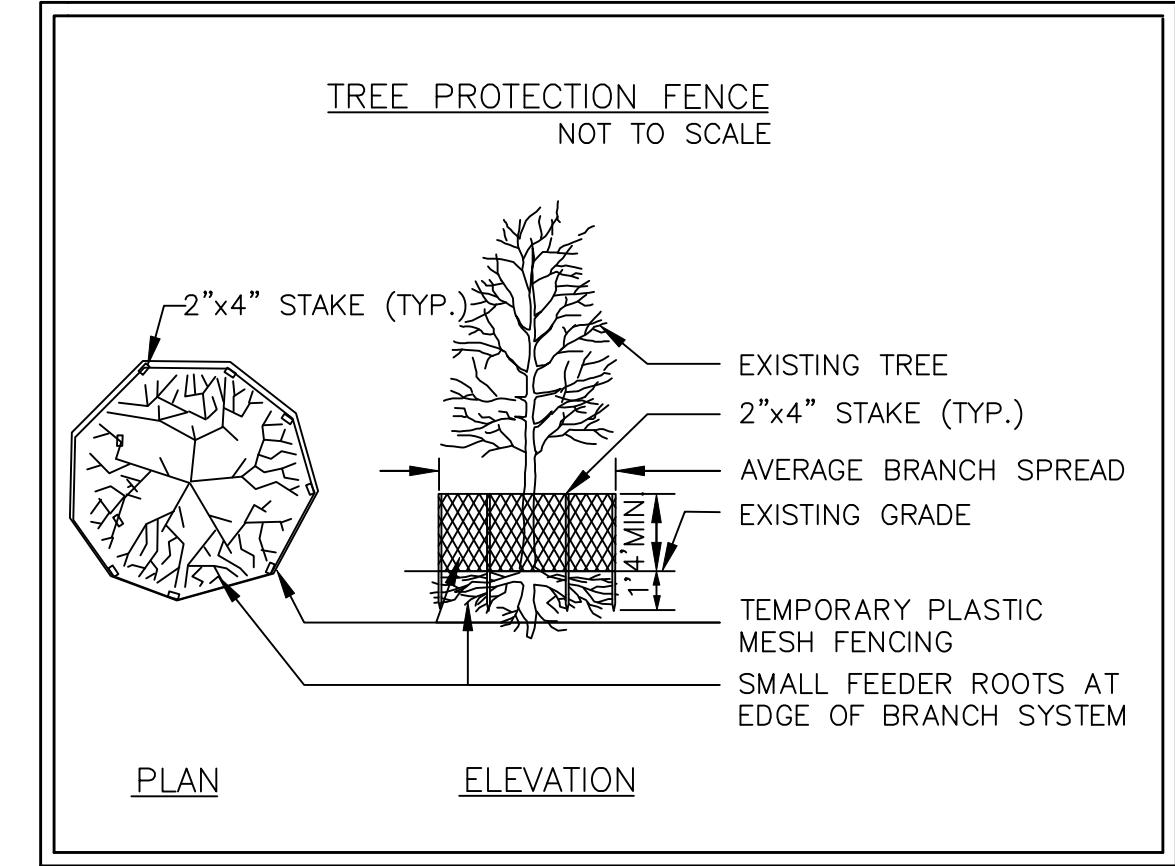
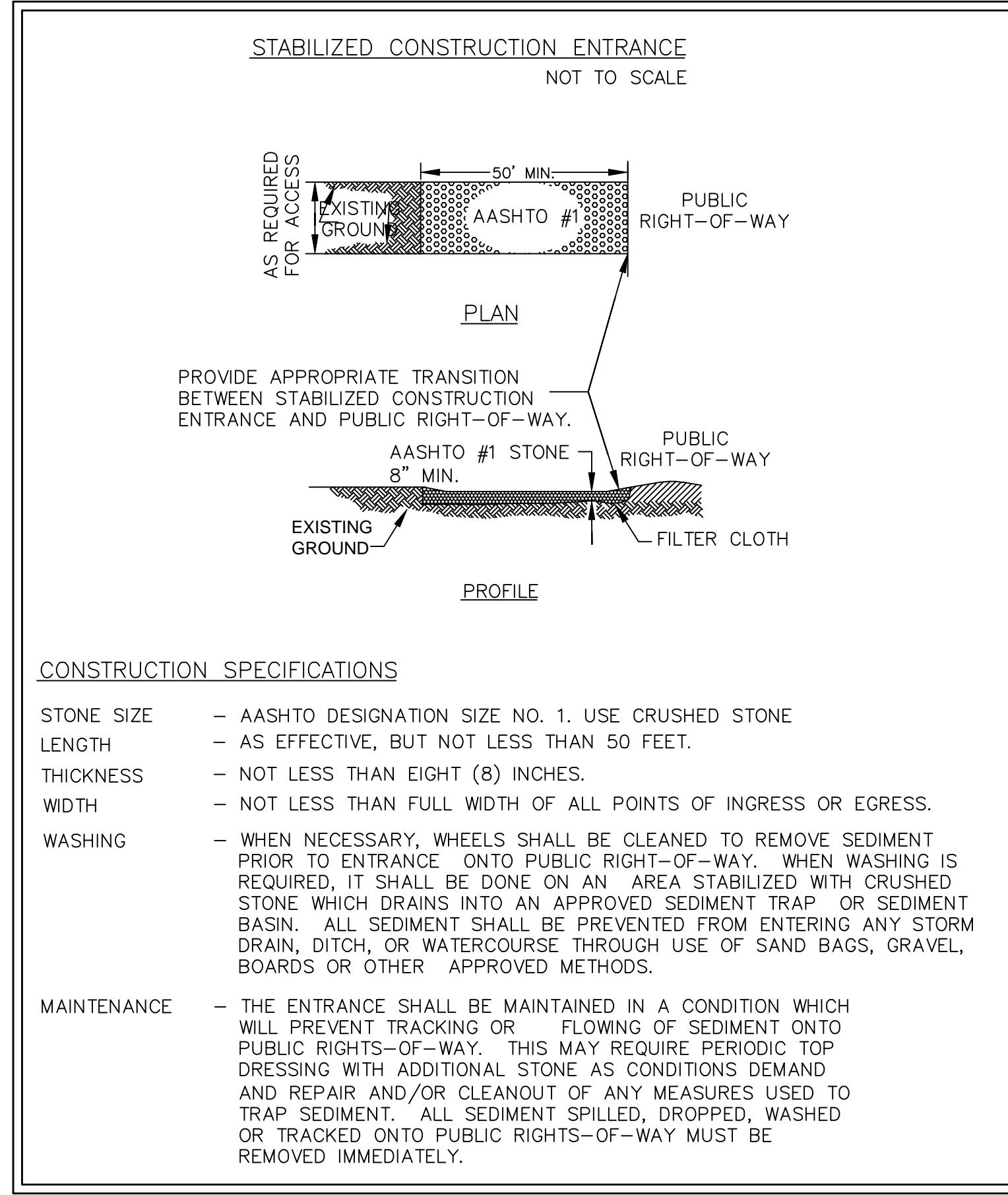
TEMPORARY STONE  
CONSTRUCTION  
ENTRANCE

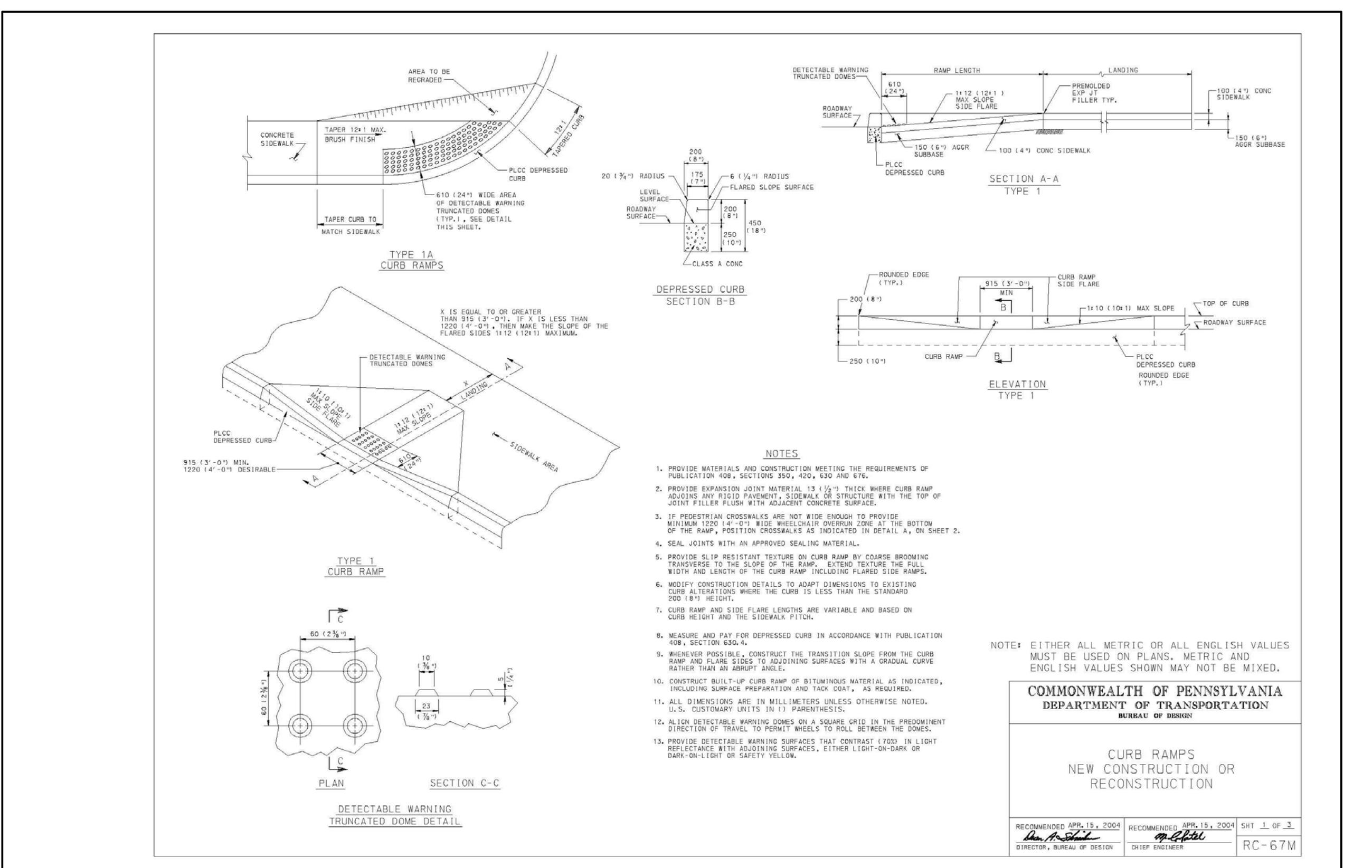
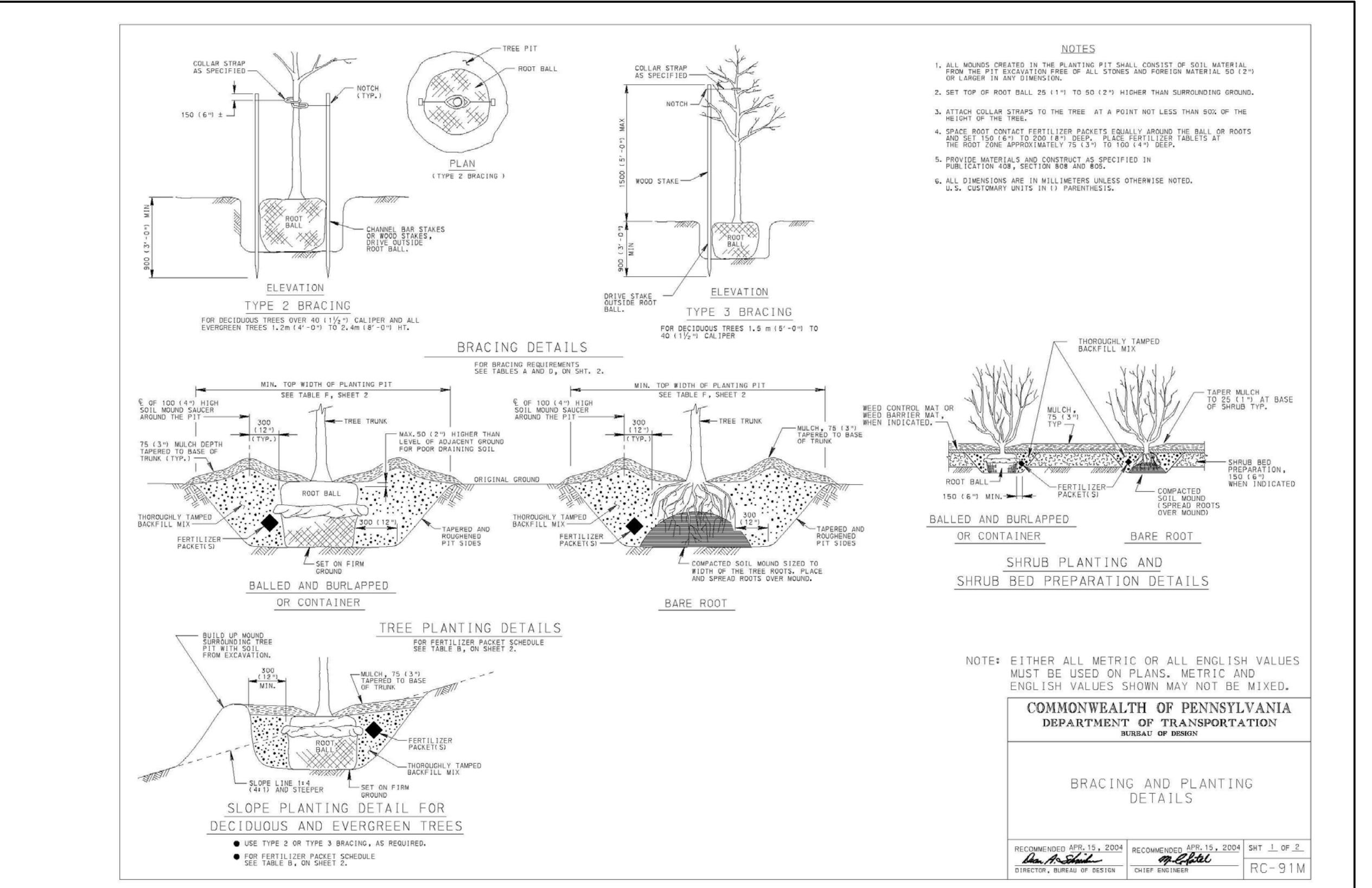
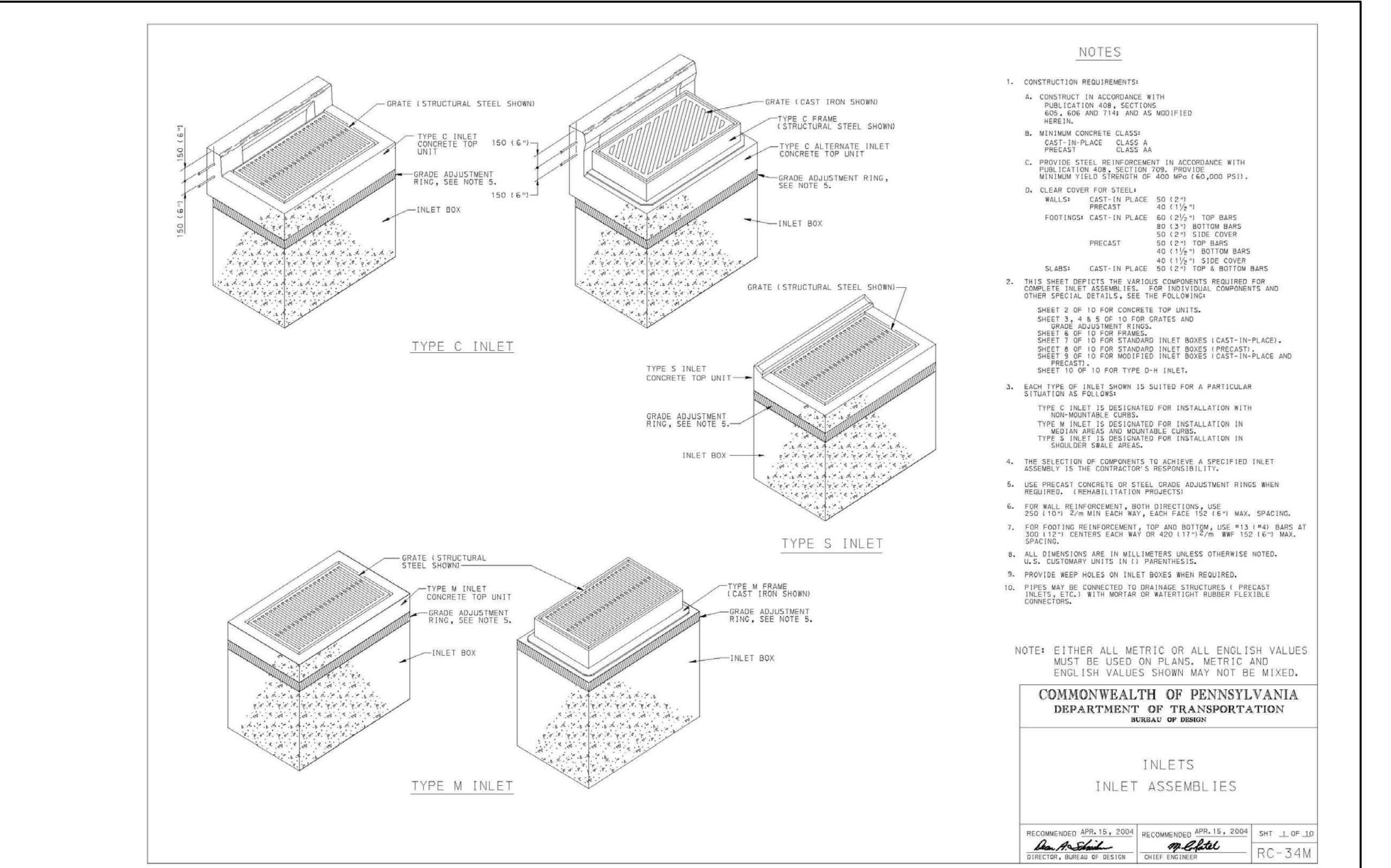


E & S CONTROL PHASE I - SOUTH

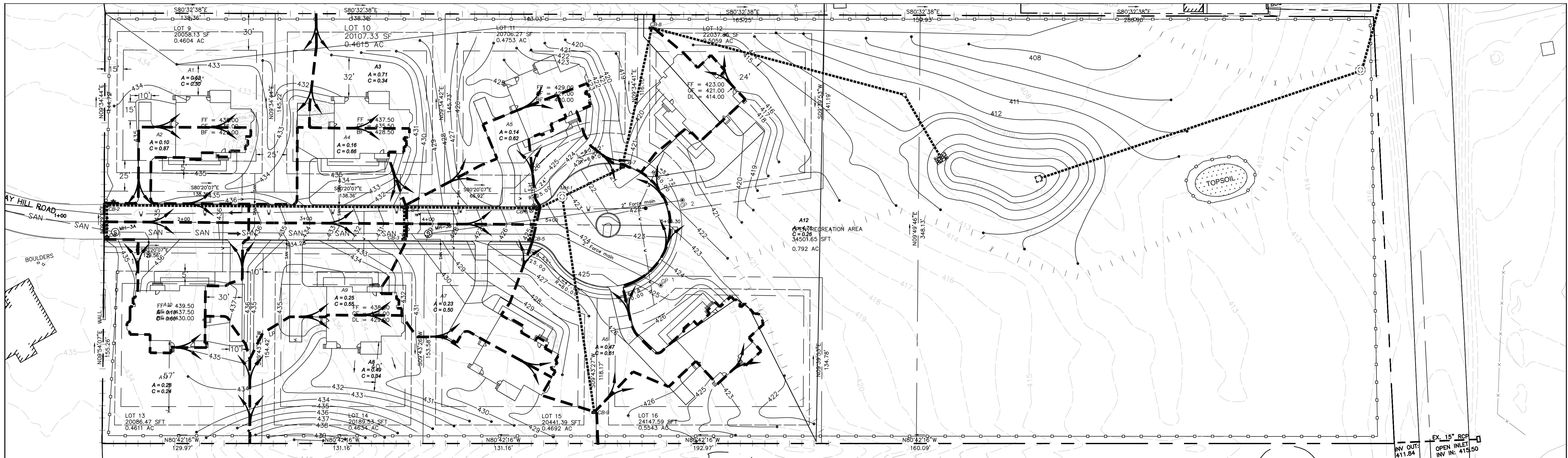


GRAPHIC SCALE  
1"=40'





GENERAL DETAIL



BMP FACILITY DESIGN CALCULATIONS

Worksheet 1. General Site Information

Project Name: DELUCA STABLER - SOUTH  
Municipality: LEXON COUNTY  
County: Total Area (acres): 8.33 AC  
Major River Basin: SAUCON CREEK  
Nearest Surface Waterbody to Receive Runoff: SAUCON CREEK  
Nearest Surface Waterbody to Receive Runoff: SAUCON CREEK  
Impaired according to Chapter 200 List?: No  
List Causes of Impairment:  
Is project subject to or part of:  
Major Stormwater Management System (SMS) Requirements?: No  
Existing or planned drinking water supply?: No  
If yes, distance from proposed discharge (feet): Approved Act 147 Plan?: No  
Existing River Conservation Plan?: No

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Worksheet 2. Sensitive Natural Resources

INSTRUCTIONS: Fill out Worksheet 1 for each watershed

PROJECT: DELUCA STABLER - SOUTH  
2-Year Rainfall: 1.25 in.  
3.1 Area of Minimum Disturbance/Reduced Grading: 0.00 ac.

1. Provide Sensitive Resource Map according to nonstructural BMP 3.1  
2. Summarize the existing extent of sensitive resources in the listing Sensitive Resource Table below, using Area. If none present, insert 0.

3. Summarize the existing extent of sensitive resources in the listing Sensitive Resource Table below, using Area. If none present, insert 0.

4. On no more than any area here. For example, an area that is both a forest and a wetland may only be considered once.

EXISTING NATURAL SENSITIVE RESOURCE TOTAL AREA (AC.) PROTECTED AREA (AC.)  
Wetlands: 0.00 ac. 0.00 ac.  
Riparian Areas: 0.00 ac. 0.00 ac.  
Woodlands: 0.00 ac. 0.00 ac.  
Natural Drainage Ways: 0.00 ac. 0.00 ac.  
Roads: 0.00 ac. 0.00 ac.  
Impenetrable Areas: 0.00 ac. 0.00 ac.  
TOTAL EXISTING: 0.00 ac.

TOTAL NON-STRUCTURAL VOLUME CREDIT: 0.00

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Worksheet 3. Nonstructural BMP Credits

PROTECTED AREA  
PROJECT: DELUCA STABLER - SOUTH  
Drainage Area: 8.33 AC  
2-Year Rainfall: 1.25 in.  
3.1 Area of Minimum Disturbance/Reduced Grading: 0.00 ac.

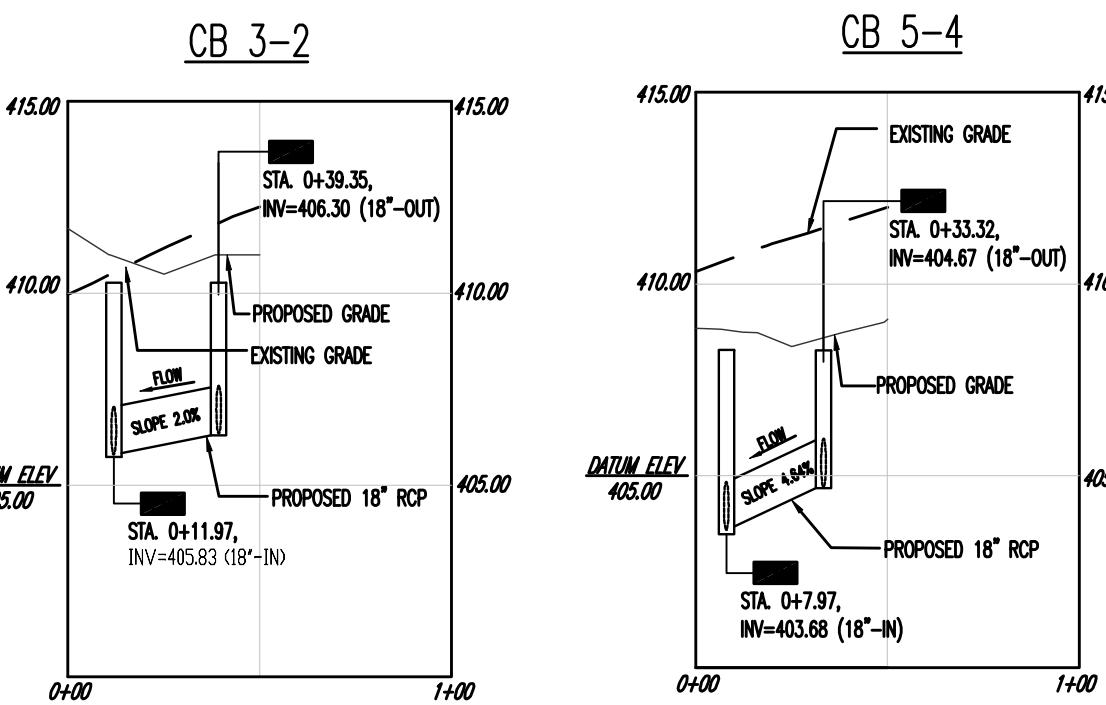
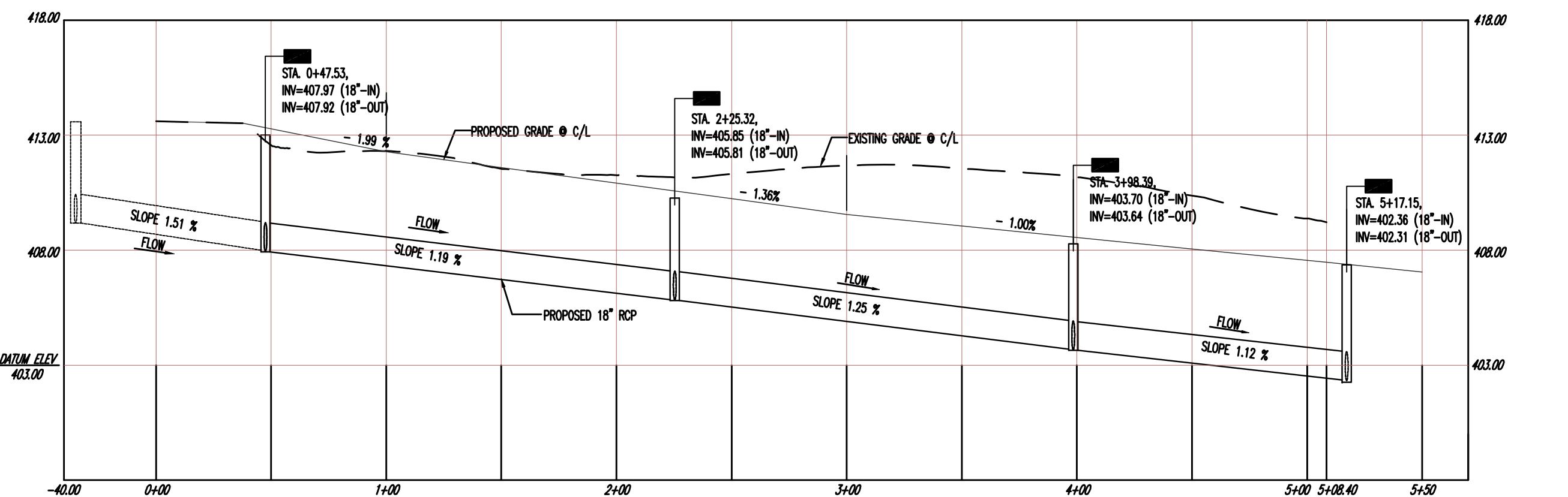
Site Area	Protected	Total
8.33 AC	0.00	8.33 AC

VOLUME CREDITS

Land Cover Type/Credit	Type	Area (Ac.)	CW	Revised (Ac.)
Lawn	1	302.945	8.33	2.65
Meadow	2	102.552	8.33	0.32
Woodland	3	15.727	8.33	1.57
Wetland	4	0.000	8.33	0.00
Tree Canopy	5	1.02	8.33	0.00
Impenetrable	6	38.229	8.33	3.26
Riparian	7	0.000	8.33	0.00
Woodland/Riparian	8	0.000	8.33	0.00
Woodland/Wetland	9	0.000	8.33	0.00
Wetland/Woodland	10	0.000	8.33	0.00
Wetland/Riparian	11	0.000	8.33	0.00
Riparian/Woodland	12	0.000	8.33	0.00
Wetland/Woodland/Riparian	13	0.000	8.33	0.00
Impenetrable/Woodland	14	0.000	8.33	0.00
Impenetrable/Wetland	15	0.000	8.33	0.00
Impenetrable/Woodland/Riparian	16	0.000	8.33	0.00
Impenetrable/Wetland/Woodland	17	0.000	8.33	0.00
Impenetrable/Woodland/Wetland	18	0.000	8.33	0.00
Impenetrable/Wetland/Riparian	19	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	20	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	21	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	22	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	23	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	24	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	25	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	26	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	27	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	28	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	29	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	30	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	31	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	32	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	33	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	34	0.000	8.33	0.00
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Impenetrable/Woodland/Riparian/Wetland	38	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	39	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	40	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	41	0.000	8.33	0.00
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Impenetrable/Woodland/Wetland/Riparian	43	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	44	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	45	0.000	8.33	0.00
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Impenetrable/Woodland/Wetland/Riparian	47	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	48	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	49	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	50	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	51	0.000	8.33	0.00
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Impenetrable/Woodland/Wetland/Riparian	53	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	54	0.000	8.33	0.00
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Impenetrable/Woodland/Riparian/Wetland	56	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	57	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	58	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	59	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	60	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	61	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	62	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	63	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	64	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	65	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	66	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	67	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	68	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	69	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	70	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	71	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	72	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	73	0.000	8.33	0.00
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Impenetrable/Woodland/Riparian/Wetland	86	0.000	8.33	0.00
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Impenetrable/Woodland/Riparian/Wetland	88	0.000	8.33	0.00
Impenetrable/Woodland/Wetland/Riparian	89	0.000	8.33	0.00
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Impenetrable/Woodland/Riparian/Wetland	92	0.000	8.33	0.00
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Impenetrable/Woodland/Wetland/Riparian	97	0.000	8.33	0.00
Impenetrable/Woodland/Riparian/Wetland	98	0.000	8.33	0.00
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Impenetrable/Woodland/Riparian/Wetland	118	0.000		

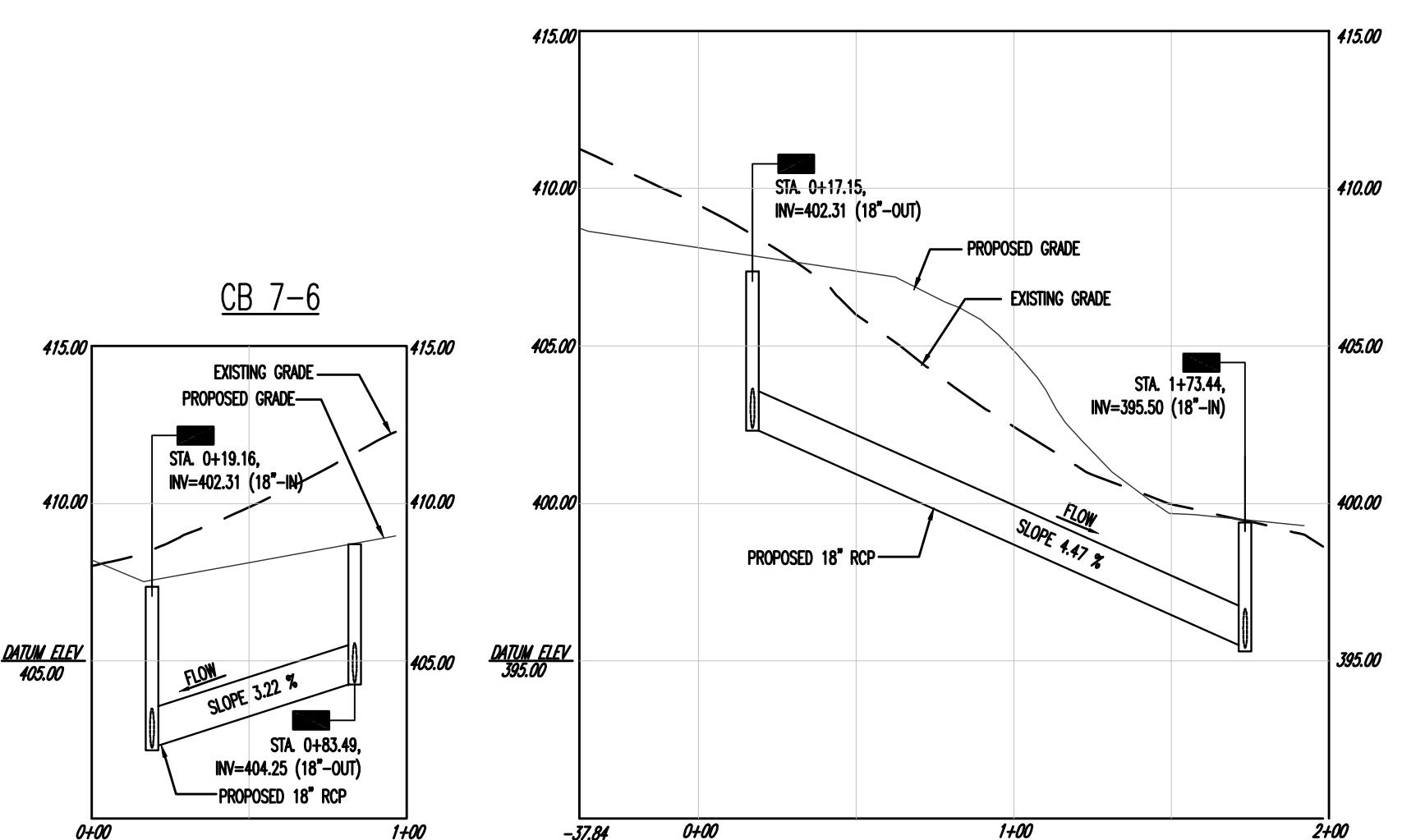


CB 1-2, 2-4, 4-6 PROFILE FROM CB-1 TO CB-2

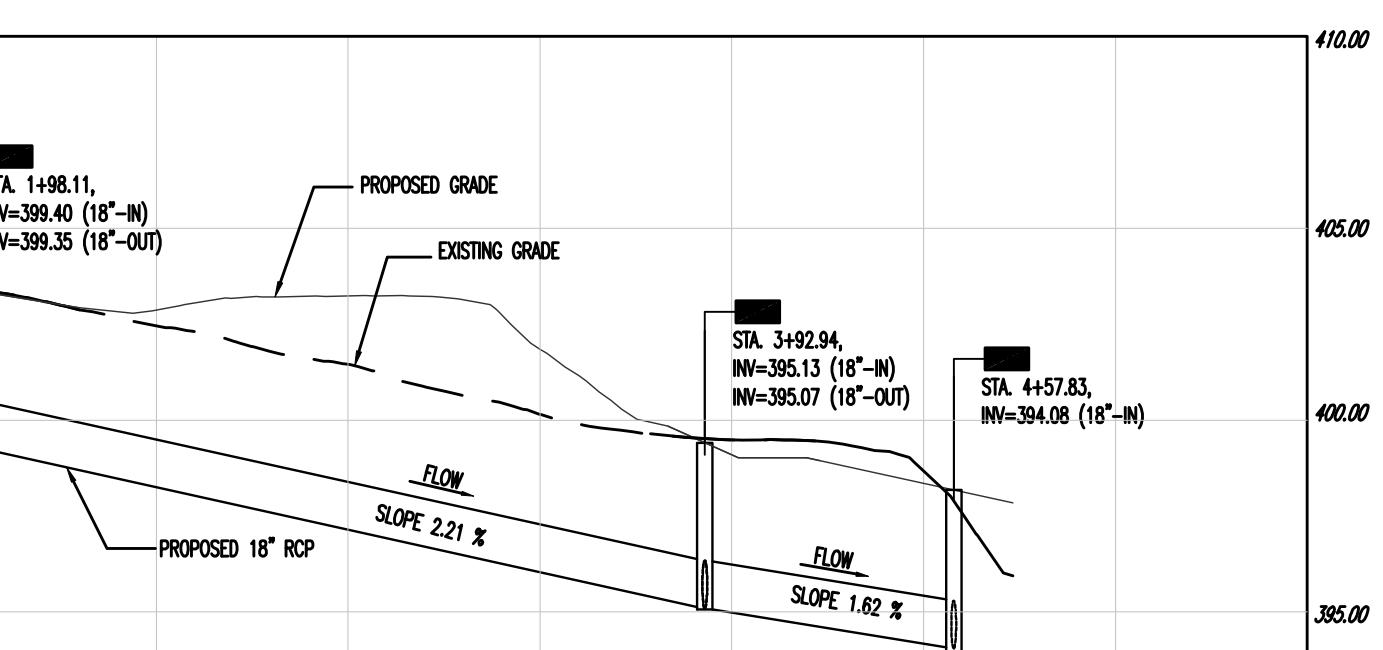


INLET DRAINAGE AREA TABLE-NORTH					
INLET	INLET AREA (AC)	C	LOCAL RATIONAL FLOW (CFS)	LOCAL Tc (MIN.)	LOCAL INTENSITY (IN/HR)
CB1	0.97	0.44	1.77	6.50	7.33
CB2	0.30	0.35	1.16	5.00	7.33
CB3	0.30	0.35	0.60	5.00	7.33
CB4	0.26	0.38	0.55	5.00	7.33
CB5	0.92	0.30	0.87	8.50	7.33
CB6	0.89	0.37	1.84	5.00	7.33
CB7	0.28	0.34	0.54	5.00	7.33
CB8	0.27	0.33	0.57	8.40	7.33
CB9	0.26	0.36	0.52	5.00	7.33
CB10	0.42	0.30	0.69	5.00	7.33

CB 6-10



CB 8-9 , 9-10, 10-POND



GRAPHIC SCALE:

HR: 1"=50'

VR: 1"=5'

STORM RUN TABLE-NORTH				
RUN	LENGTH (LF)	SLOPE (%)	SIZE (IN)	MATERIAL
IN4 - CB1	80.20	1.51	24x48	RCP
CB1 - CB2	173.80	1.19	24x48	RCP
CB3 - CB2	23.35	2.0	24x48	RCP
CB2 - CB4	169.07	1.25	24x48	RCP
CB5 - CB4	21.35	4.64	24x48	RCP
CB4 - CB6	114.76	1.12	24x48	RCP
CB7 - CB6	60.32	3.22	24x48	RCP
CB6 - CB10	152.29	4.47	24x48	RCP
CB8 - CB9	143.38	1.52	24x48	RCP
CB9 - CB10	190.83	2.21	24x48	RCP
CB10 - POND	60.89	1.62	24x48	RCP

STORM STRUCTURE TABLE-NORTH

STRUCTURE	RIM/GRATE	INVERT(S) IN	INVERT OUT
IN4	413.58	409.26	409.18
CB1	413.00	407.97	407.92
CB2	410.27	405.85/405.83	405.81
CB3	410.27	-	406.30
CB4	408.27	403.70/403.68	403.64
CB5	408.27	-	404.67
CB6	407.36	402.36/402.31	402.31
CB7	407.00	-	404.25
CB8	407.05	-	401.58
CB9	403.46	399.40	399.35
CB10	399.40	395.50/395.13	395.07
POND	398.18	394.08	-

INLET DRAINAGE AREA TABLE-SOUTH

INLET	INLET AREA (AC)	C	LOCAL RATIONAL FLOW (CFS)	LOCAL Tc (MIN.)	LOCAL INTENSITY (IN/HR)
CB1	0.18	0.66	0.65	5.00	7.33
CB2	0.10	0.87	0.47	5.00	7.33
CB3	0.25	0.55	0.76	5.00	7.33
CB4	0.16	0.66	0.60	5.00	7.33
CB5	0.23	0.50	0.64	5.00	7.33
CB6	0.14	0.62	0.48	5.00	7.33
CB7	0.47	0.61	1.61	5.00	7.33
CB8 (A1/A3)	0.71/0.53	0.34/0.30	1.35/0.62	5.00/6.80	7.33/7.33
CB9	0.49	0.34	0.93	5.00	7.33

STORM RUN TABLE-SOUTH

RUN	LENGTH (LF)	SLOPE (%)	SIZE (IN)	MATERIAL
CB1 - CB2	24.14	4.39	24x48	RCP
CB2 - CB4	237.88	1.78	24x48	RCP
CB3 - CB4	24.14	4.27	24x48	RCP
CB4 - CB6	103.79	3.75	24x48	RCP
CB5 - CB6	24.74	1.01	24x48	RCP
CB6 - MH1	17.20	4.19	24x48	RCP
MH1 - CB7	172.20	1.77	24x48	RCP
CB7 - CB8	51.10	2.45	24x48	RCP
CB8 - POND	113.21	5.39	24x48	RCP
POND	251.20	2.90	24x48	RCP

STORM STRUCTURE TABLE-SOUTH

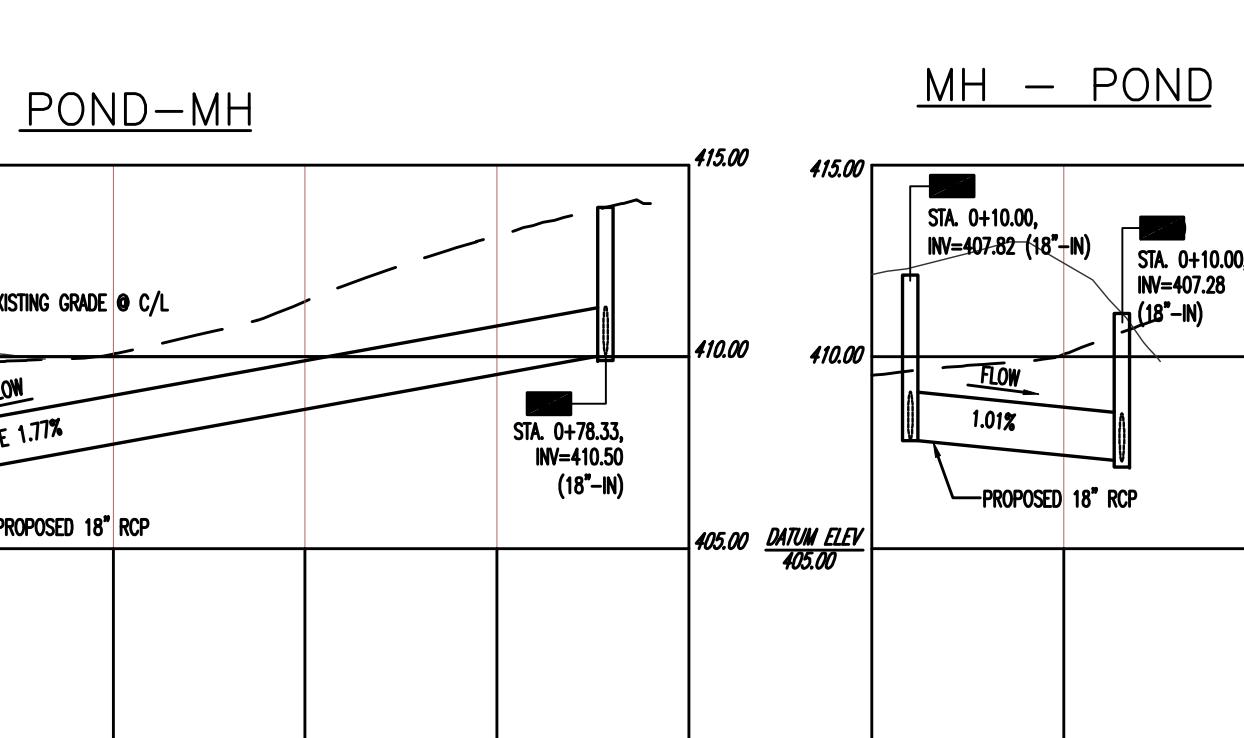
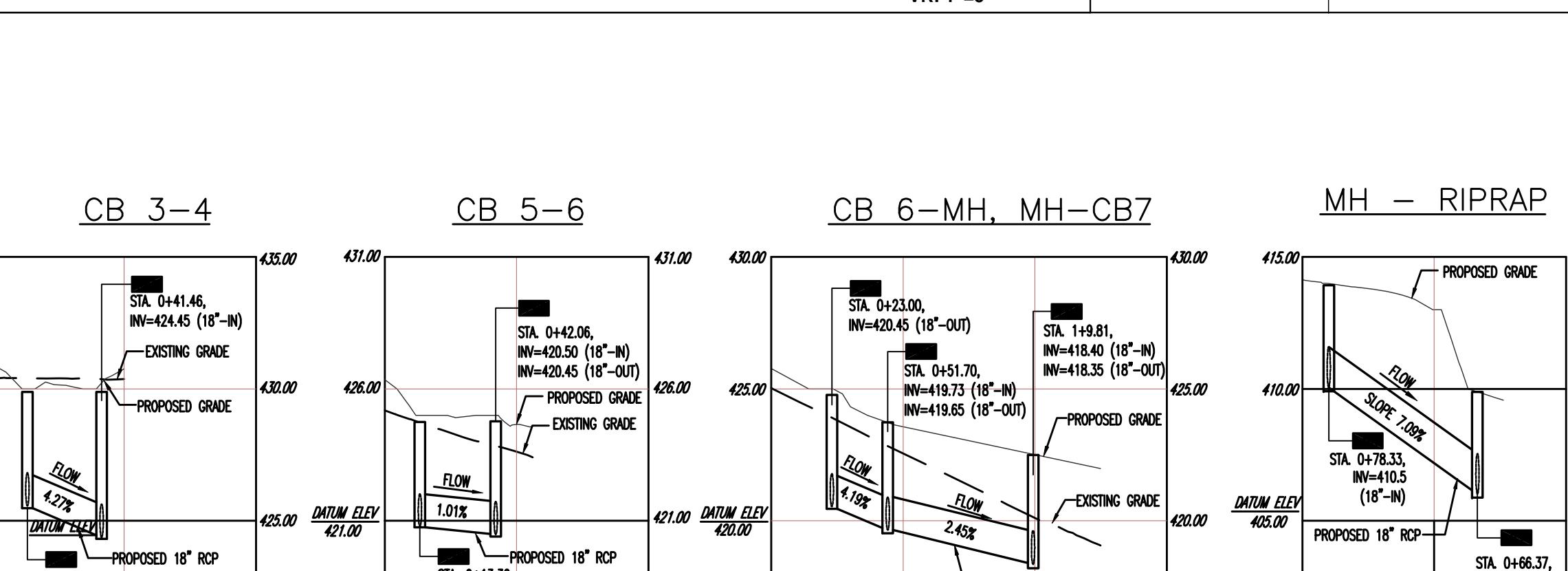
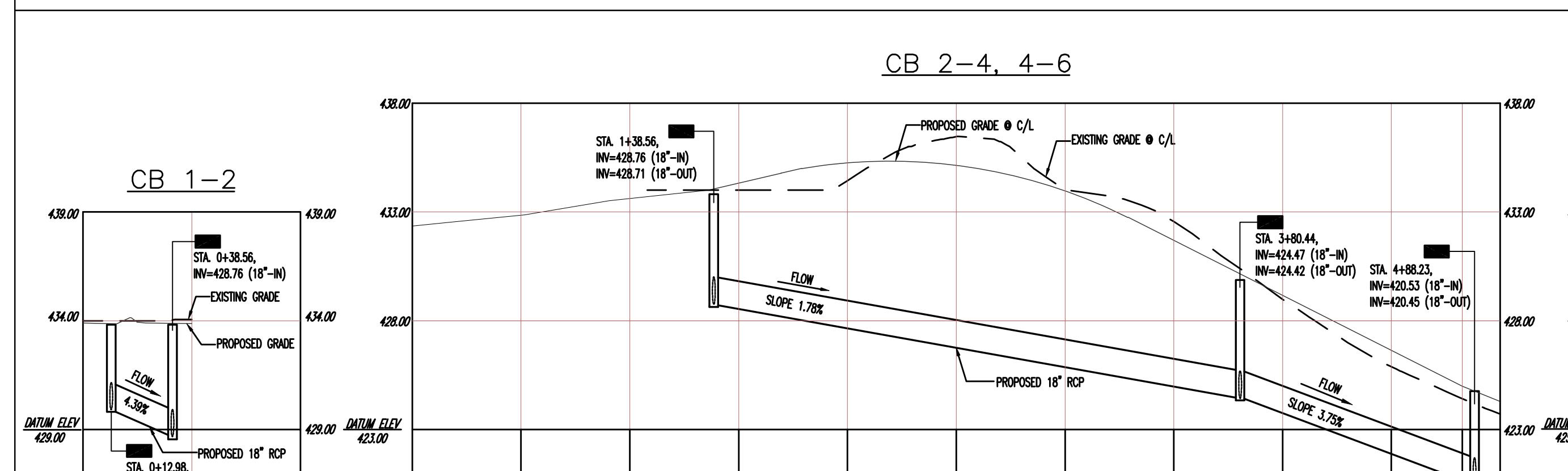
STRUCTURE	RIM/GRATE	INVERT(S) IN	INVERT OUT
CB1	433.82	-	429.82
CB2	433.82	428.76	428.71
CB3	429.88	-	425.48
CB4	429.88	424.47/424.45	424.42
CB5	424.75	-	420.75
CB6	424.77	420.53/420.50	420.45
CB7	422.50	416.40	418.35
CB8	416.25	412.25	412.20
CB9	427.00	-	422.75
MH1	423.73	419.73/419.70	419.65
POND	409.02	404.80	-

SCALE:1:40

SWM PROFILES-NORTH&amp;SOUTH

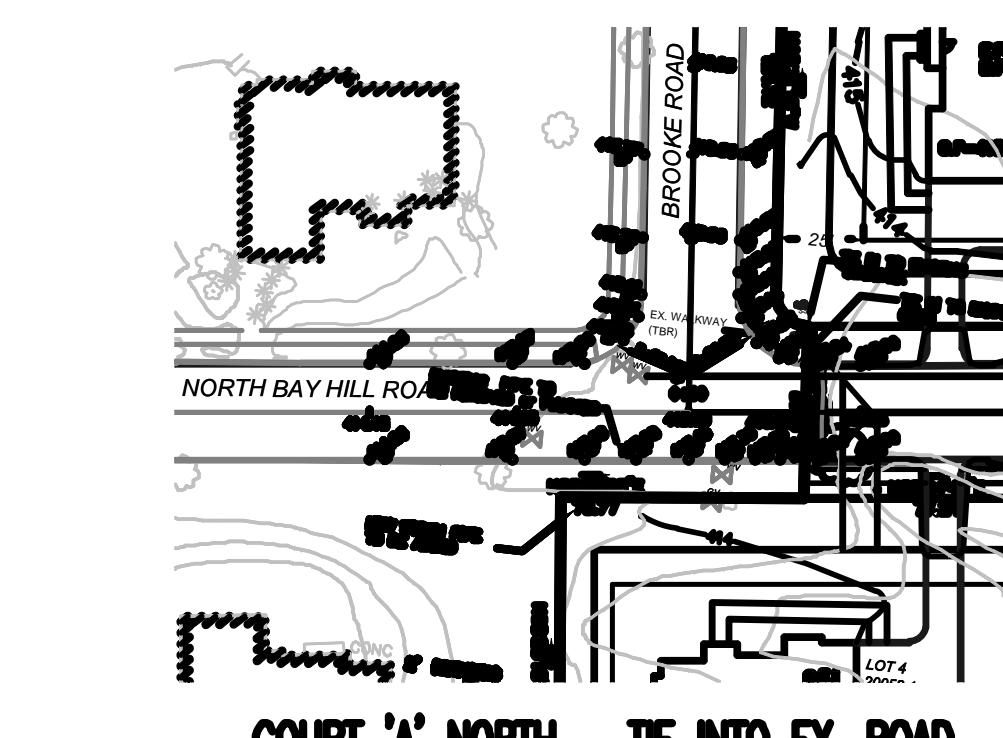
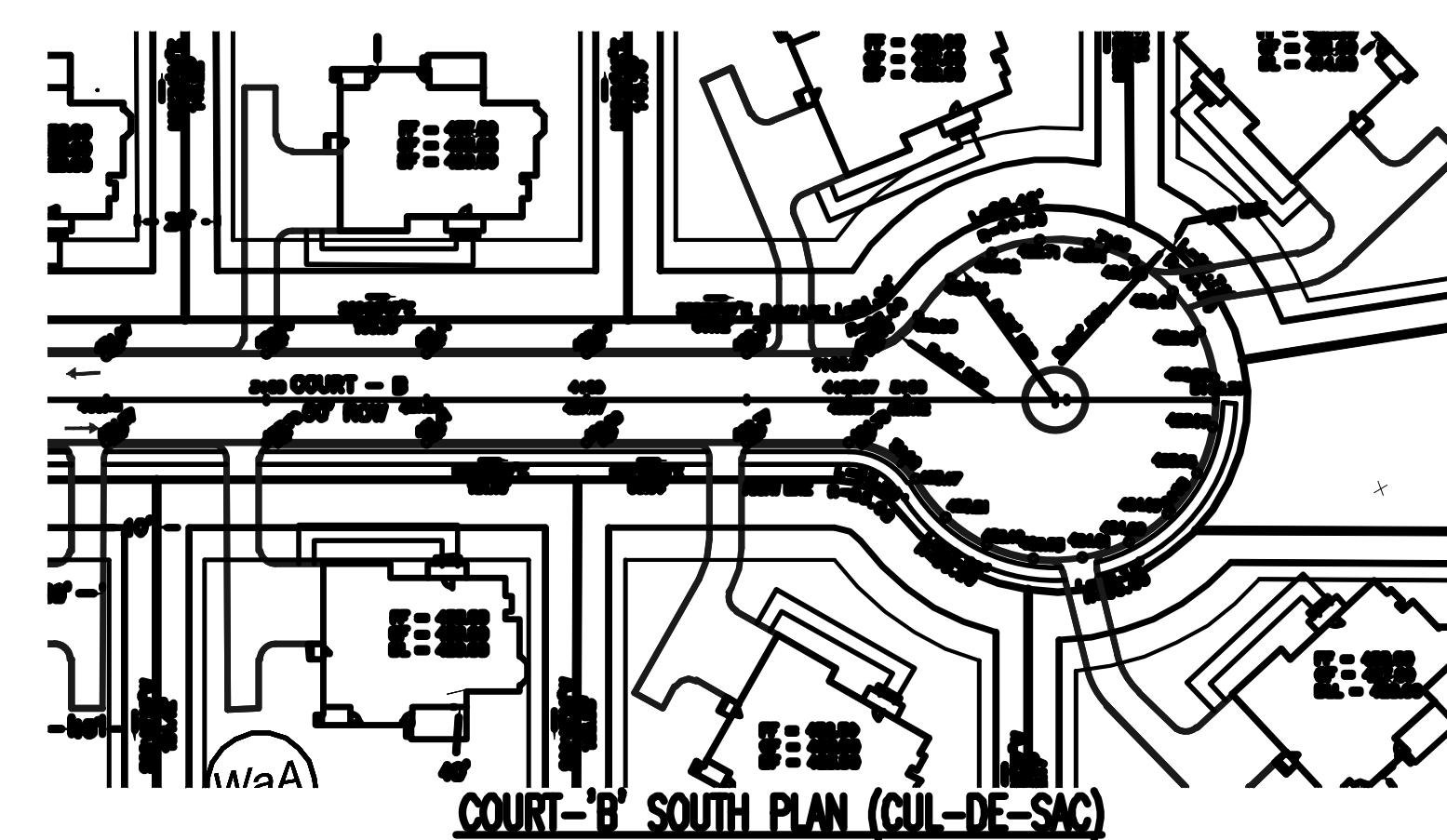
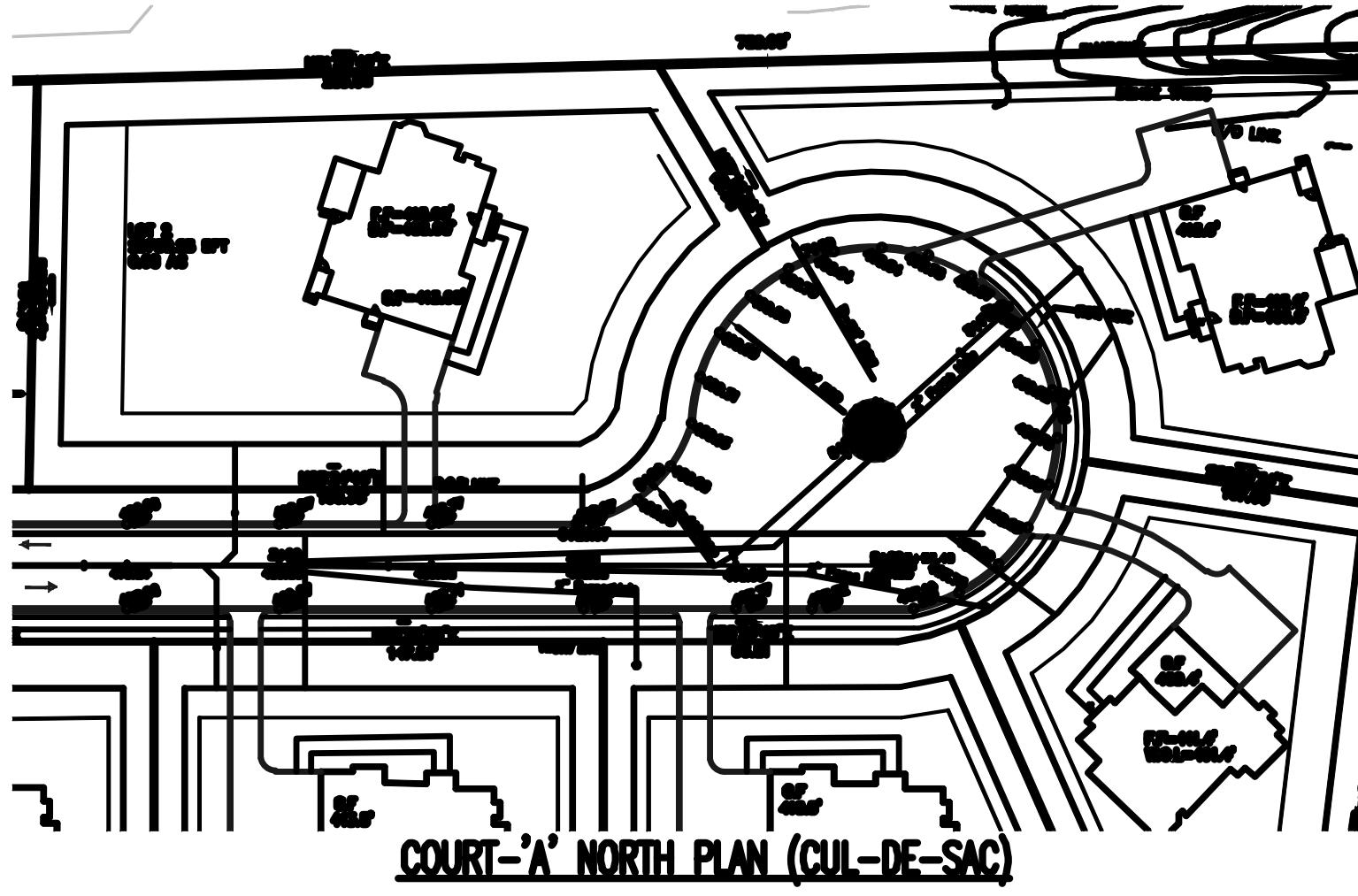
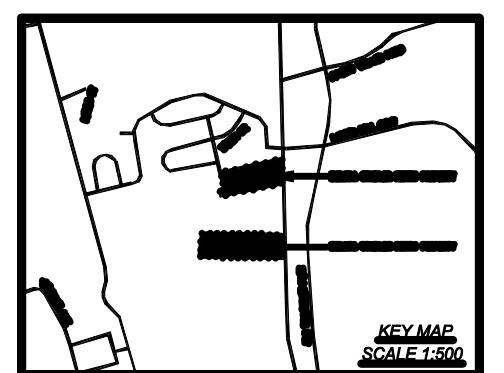
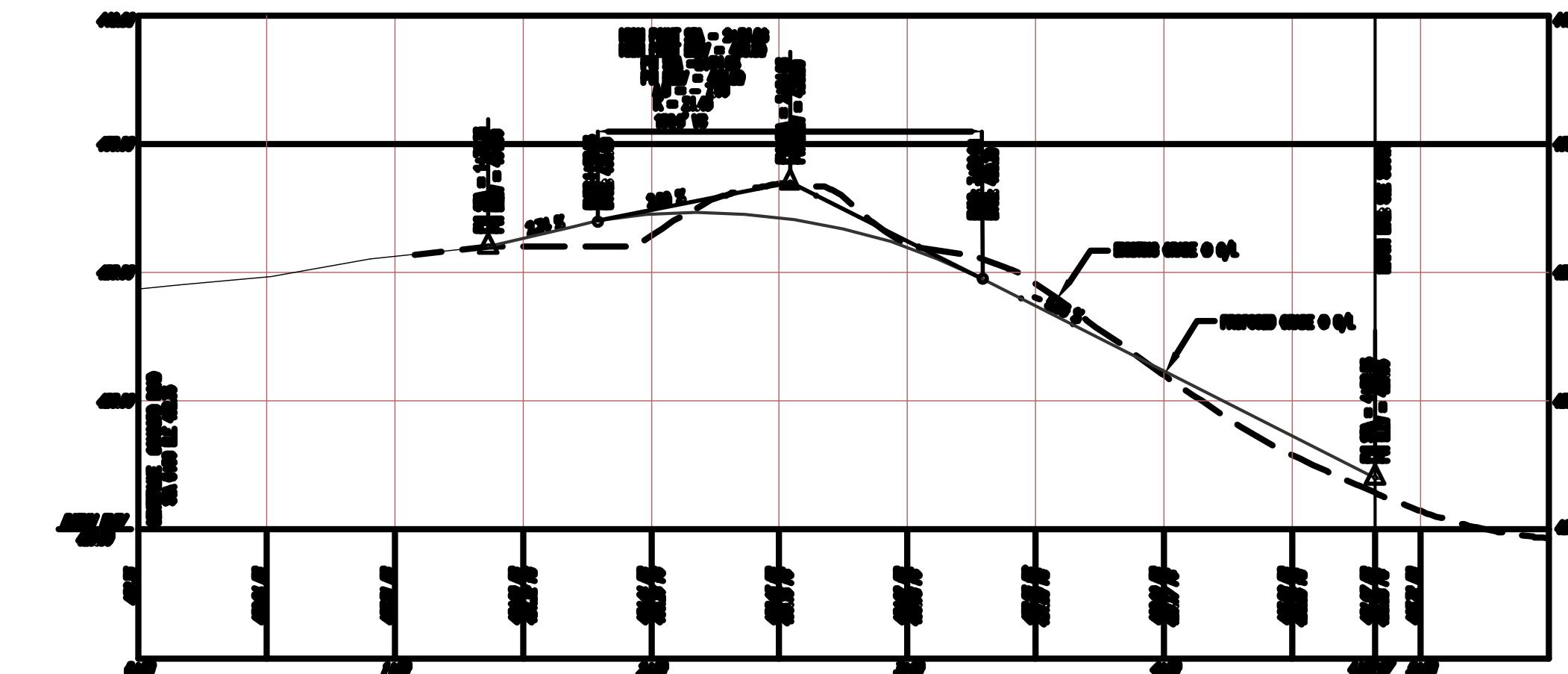
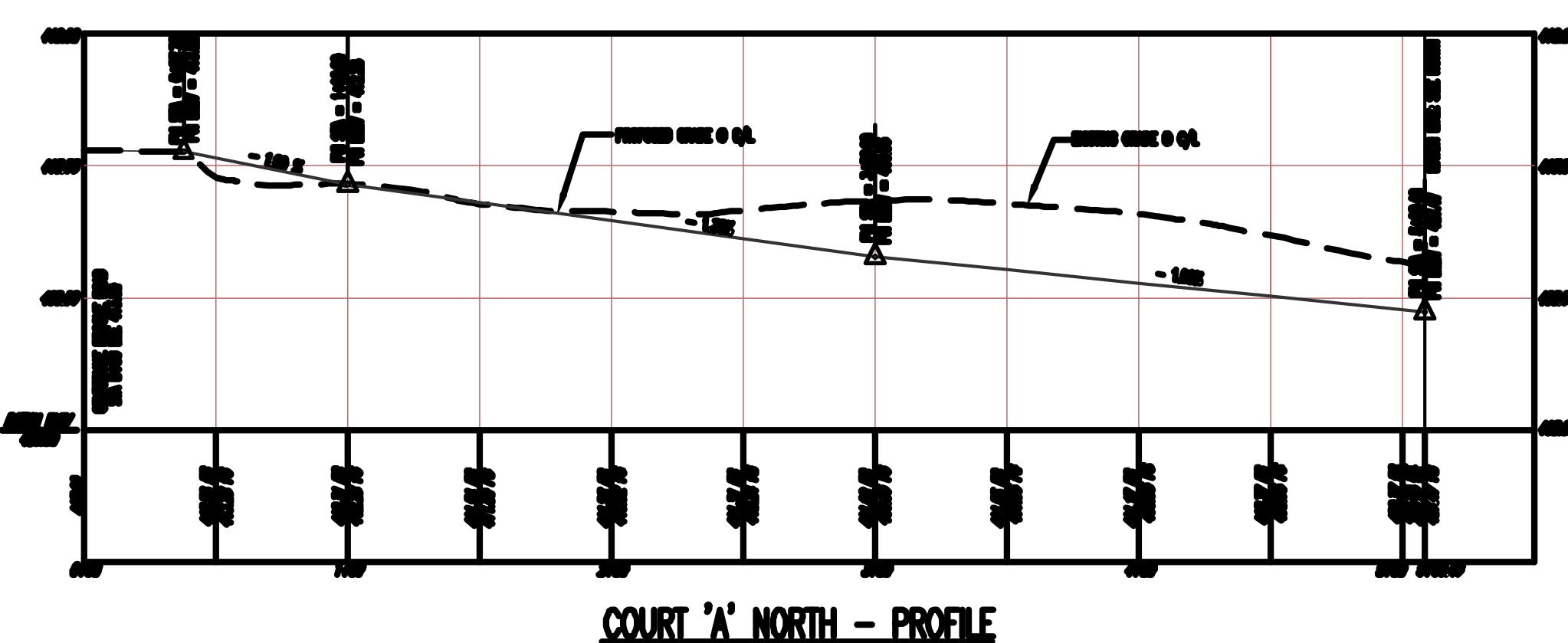
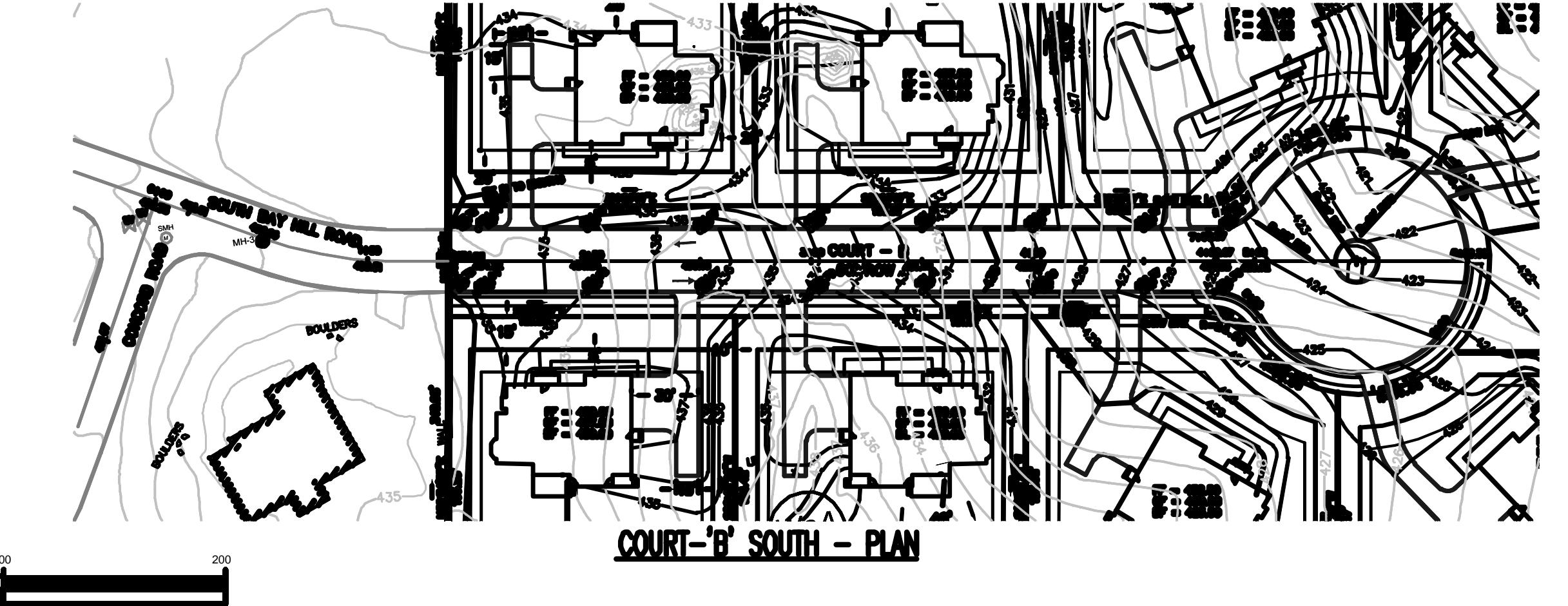
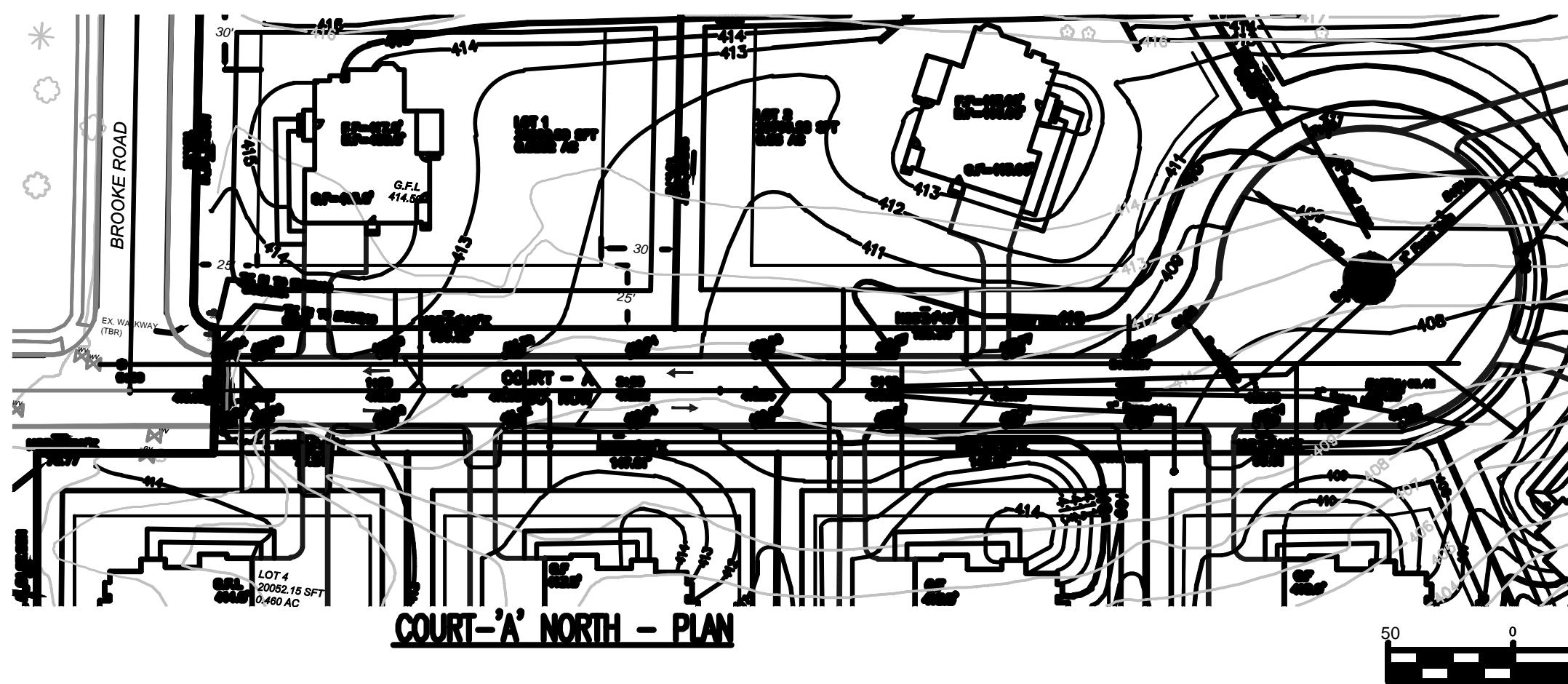
12A

AS SHOWN

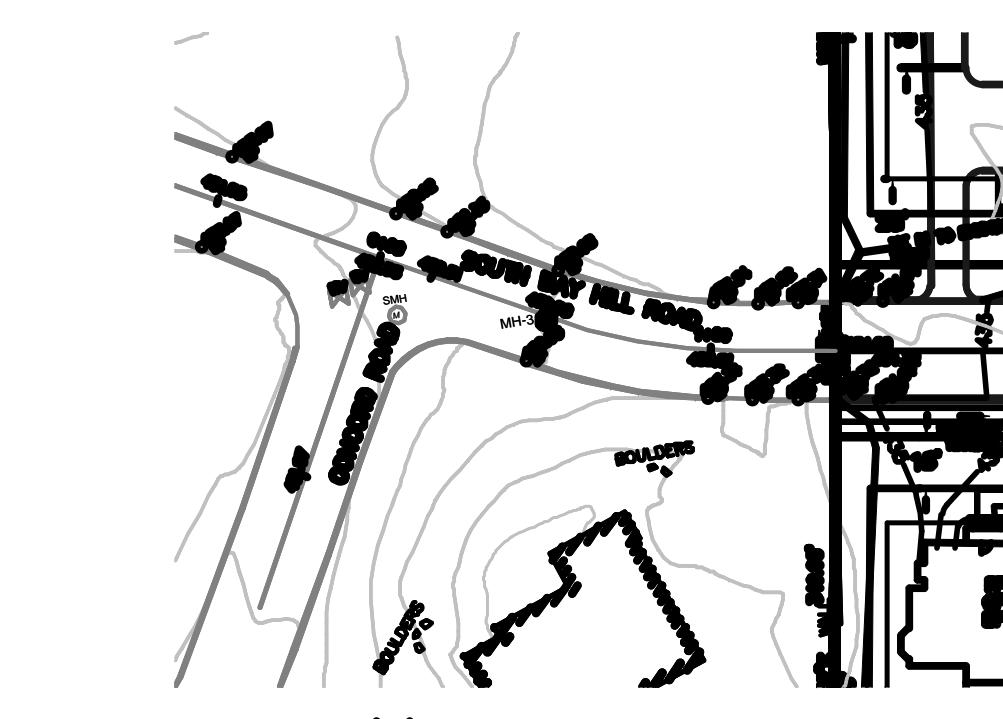
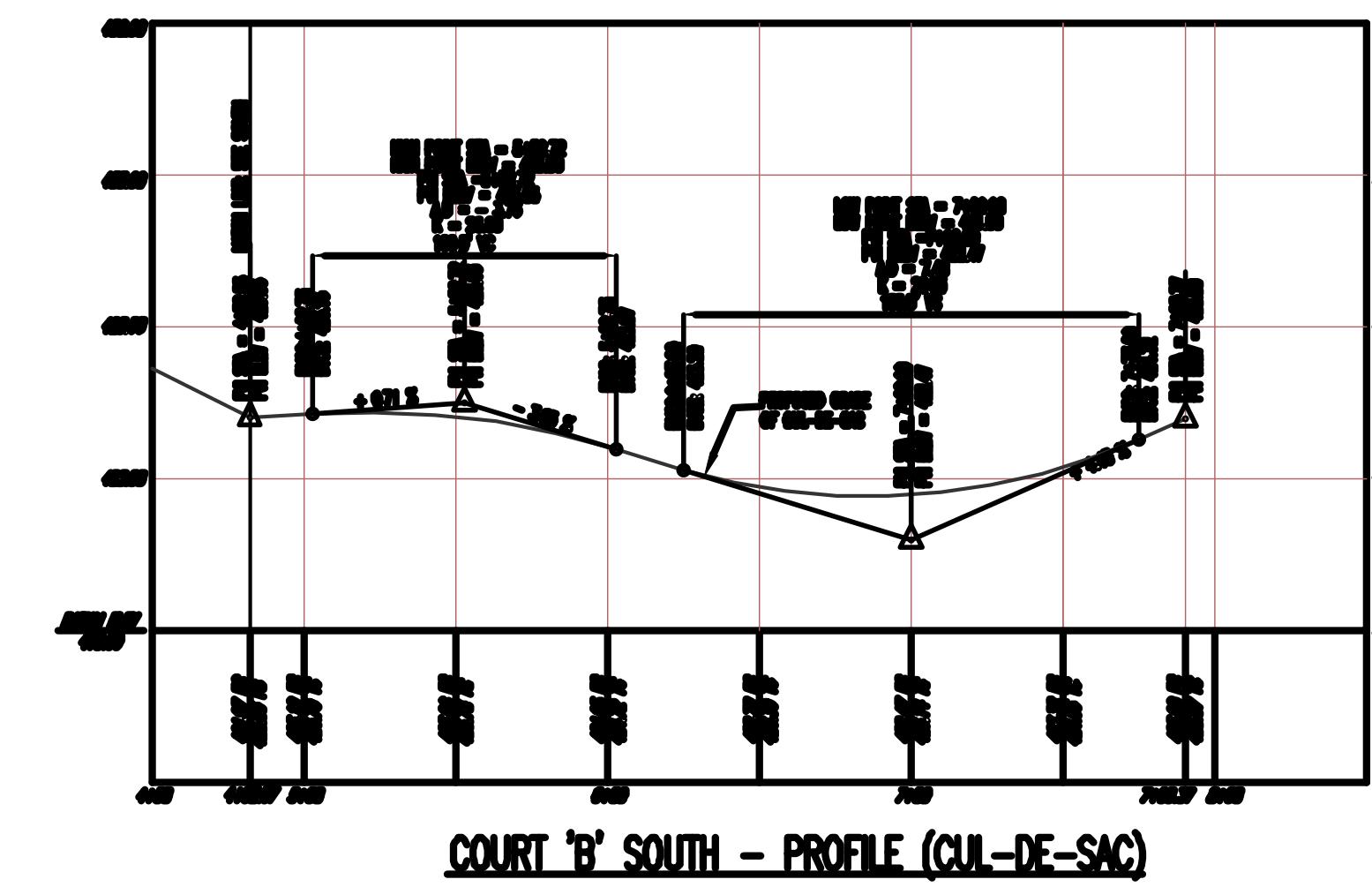
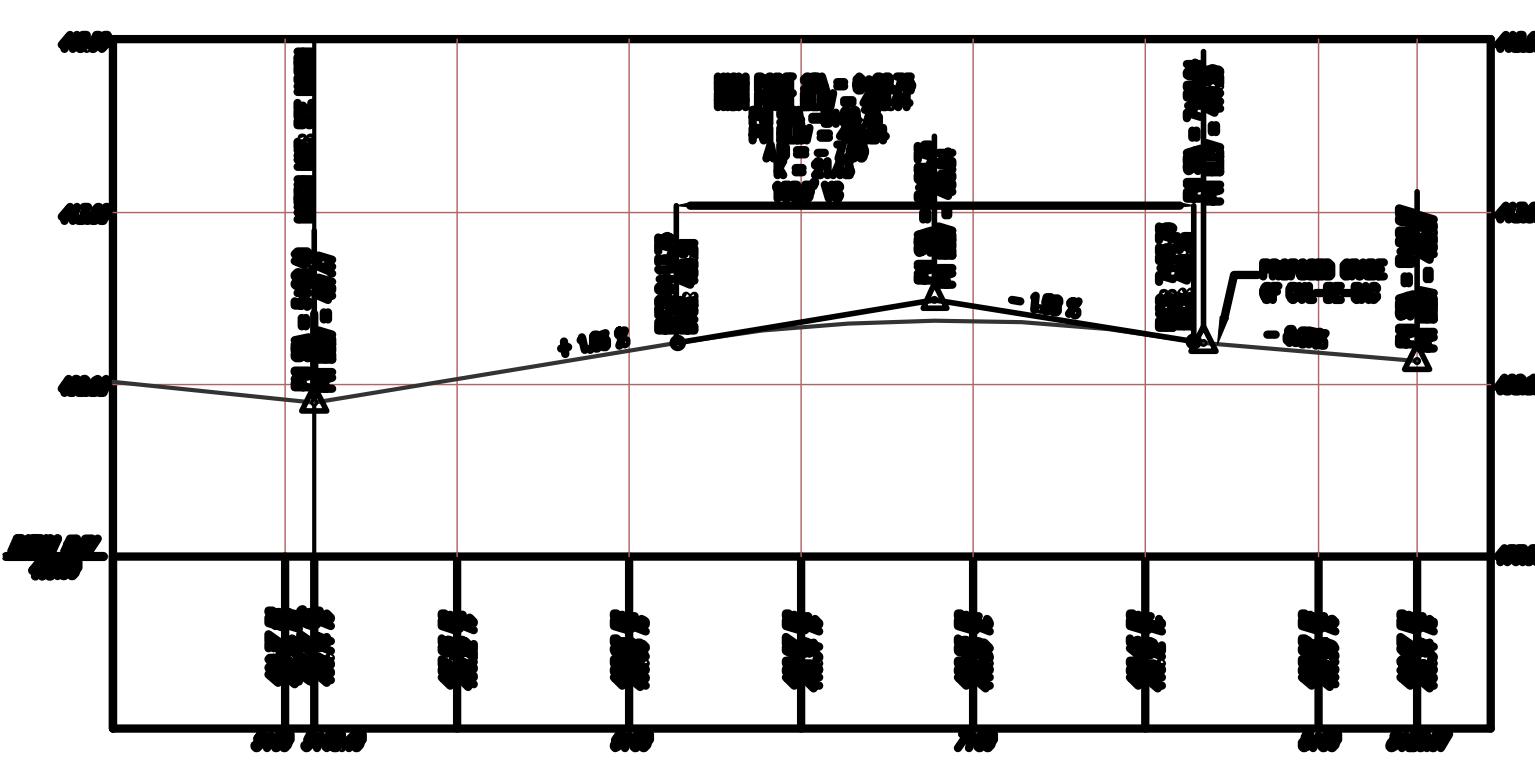


SWM PROFILES-SOUTH

GRAPHIC SCALE:  
HR: 1"=50'  
VR: 1"=5'



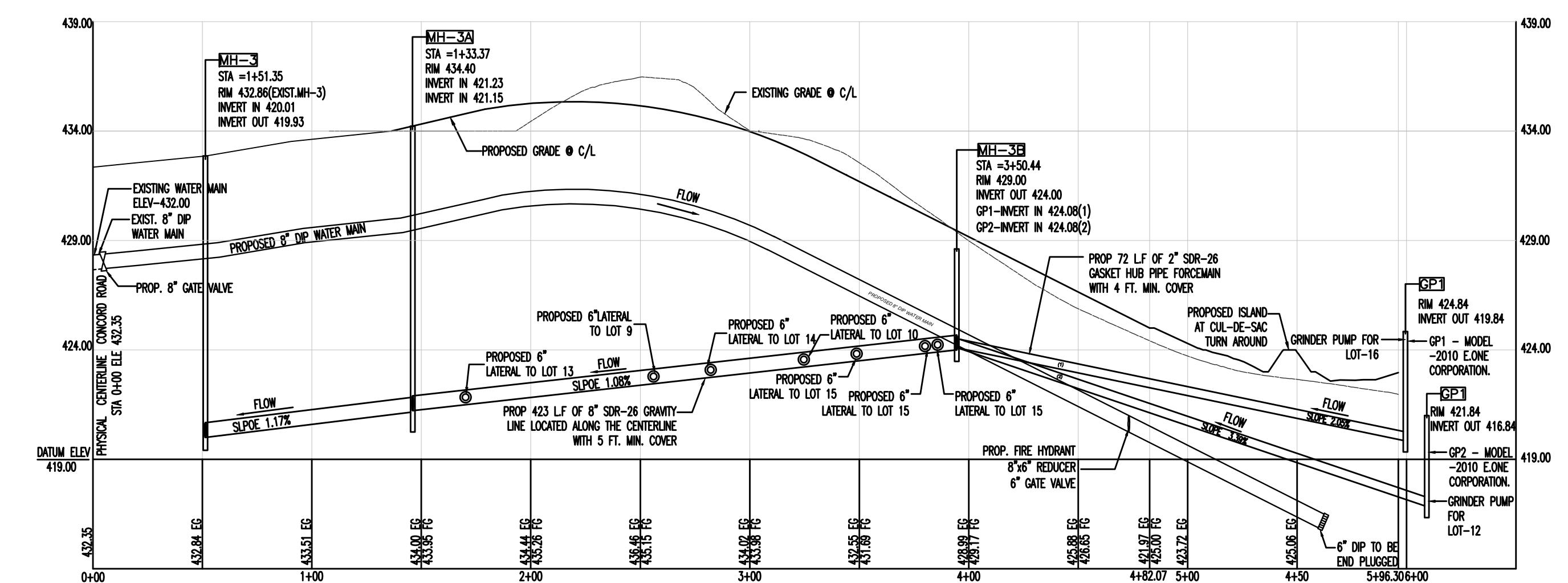
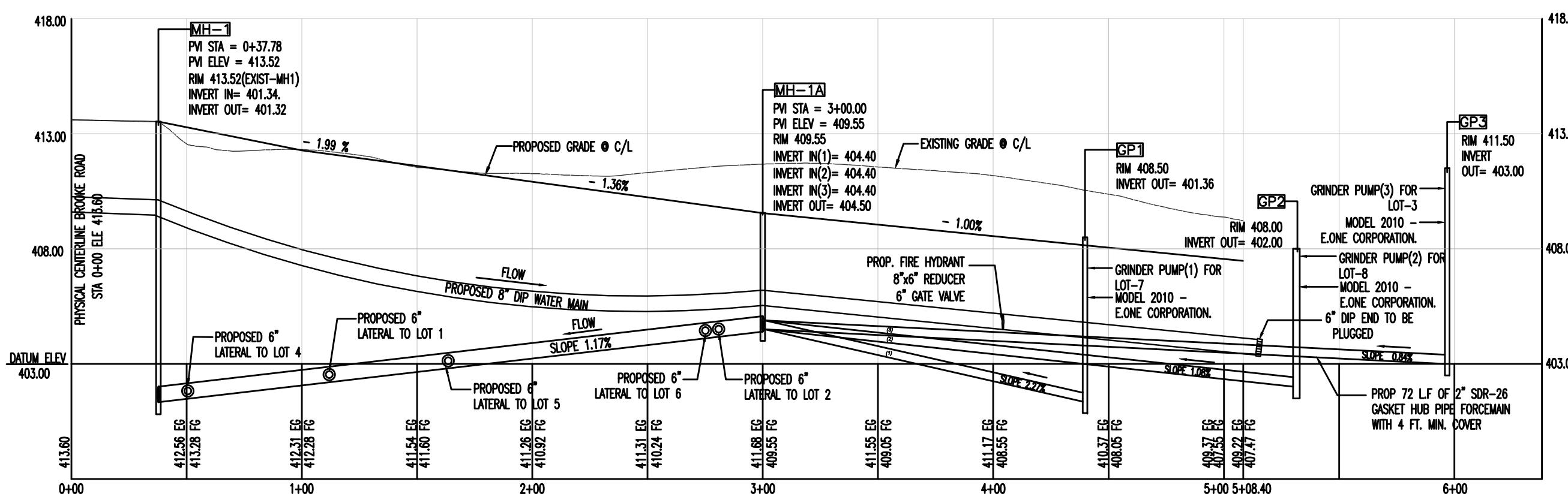
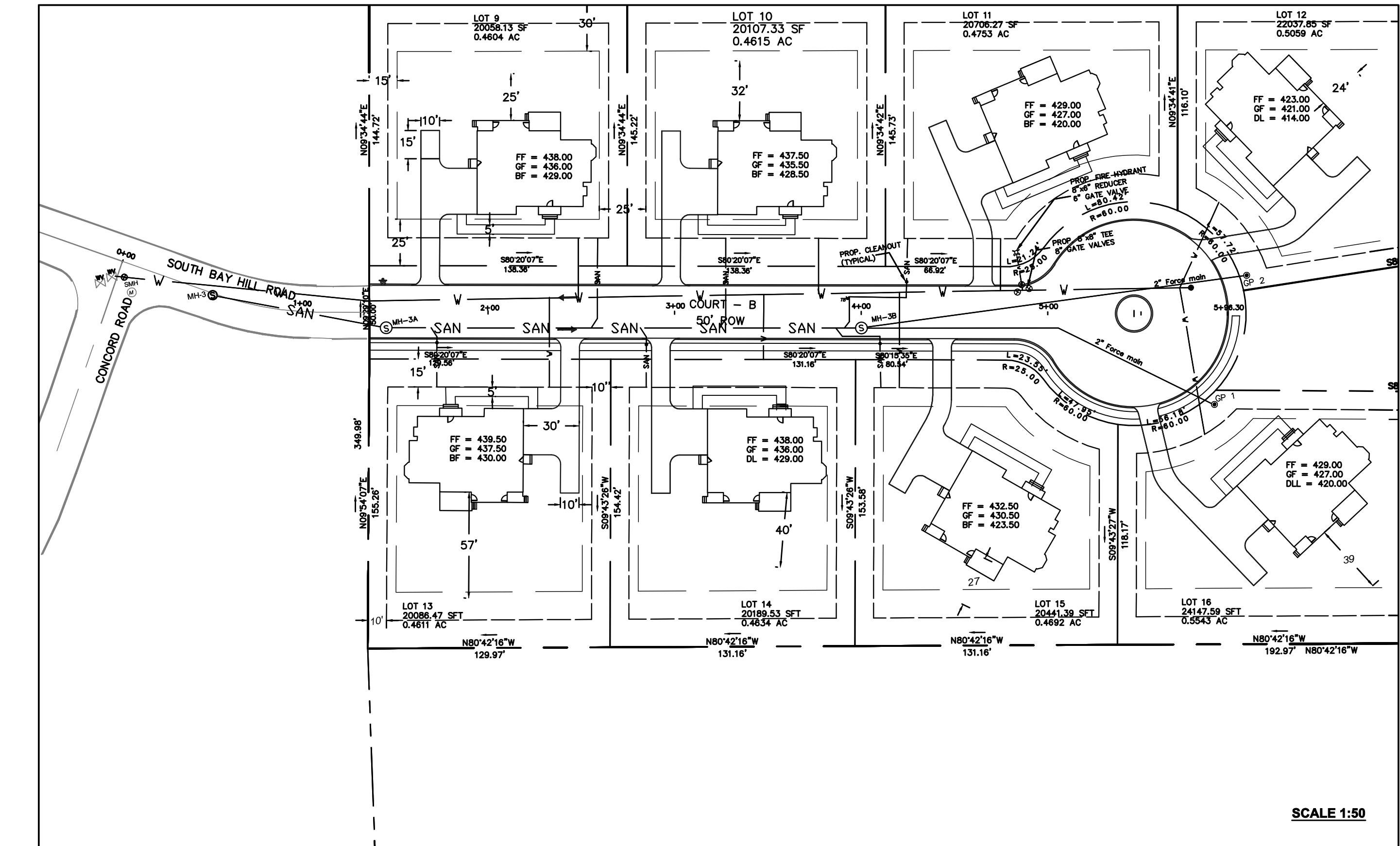
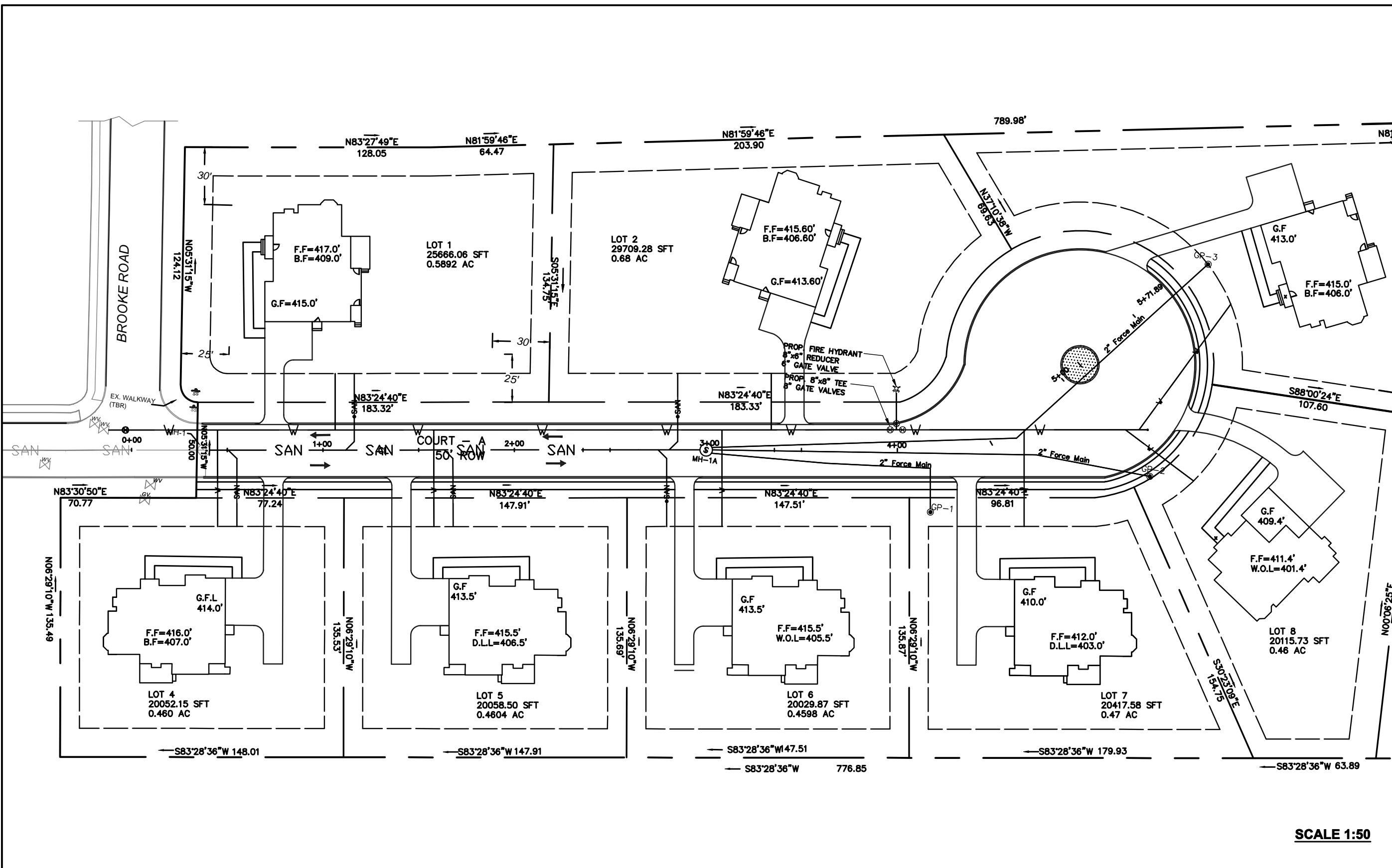
DRAWING LEGEND	
PR. CARTWAY	—
PR. CENTERLINE	—
PR. DRIVEWAY	—
PR. RIGHT OF WAY	—
PR. SIDEWALK	—
PR. PROPERTY LINE	—
PR. BLOCKS	—
PR. BASIN	—
EX. CARTWAY	—
EX. CENTERLINE	—
EX. PROPERTY LINE	—
EX. NEIGHBORING PROPERTY LINE	—
EX. CONTOUR MAJOR	—
EX. CONTOUR MINOR	—
EX. STORM	—
TELEPHONE BOX	○
EX. SANITARY MANHOLE	○
EX. STORM INLET	○
EX. STORM MANHOLE	○
EX. STREET SIGN	○
EX. WATER VALVE	○
EX. GAS VALVE	○
PR. EDGE OF PAVEMENT	—
EX. EDGE OF PAVEMENT	—



GRAPHIC SCALE  
HR. 1'-50'  
VR. 1'-5'

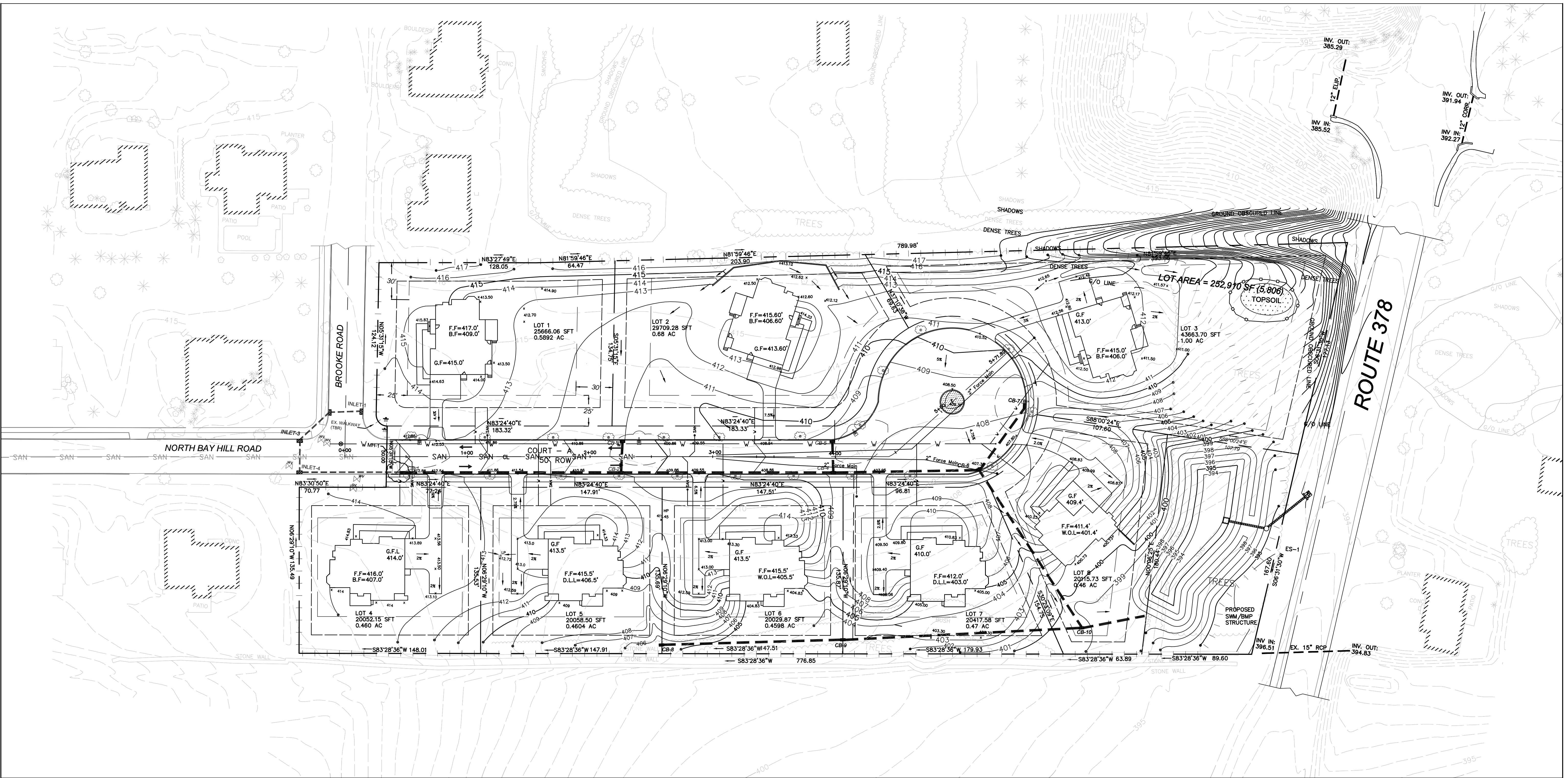
NORTH & SOUTH ROAD PROFILE

22A

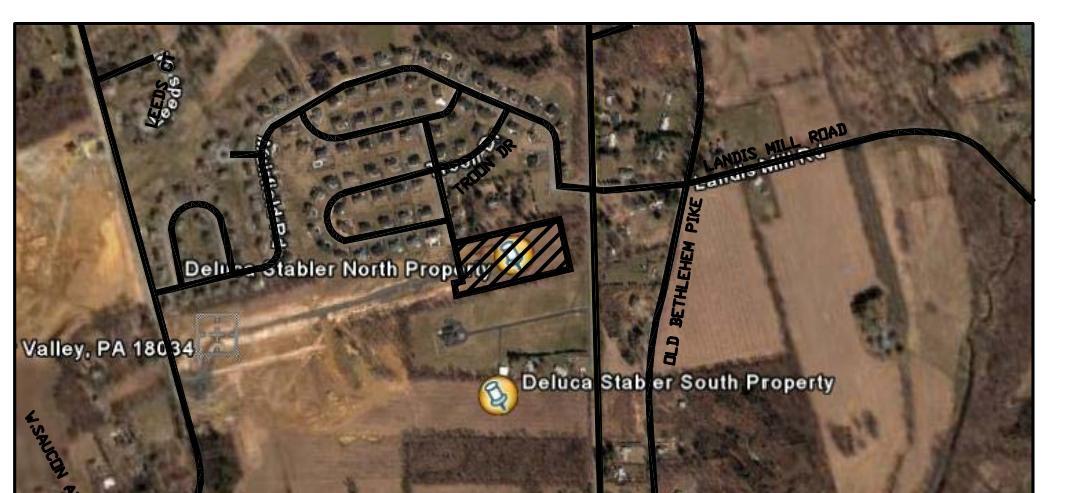


EX UTILITIES TABLE/NORTH				
TYPE M INLET	RIM (OR) T.G. ELEV	INLET INV ELEV(1)	INLET INV ELEV(2)	OUTLET INV ELEV
INLET #1	413.11	-	-	410.14
INLET #2	413.19	410.04	-	410.00
INLET #3	413.64	409.75	-	409.72
INLET #4	413.58	409.26	-	409.18
SANITARY MANHOLE				
MH #1	413.52	401.34	-	401.32
MH #2	416.81	399.72	399.92	399.66

TYPE M INLET	RIM (OR) T.G. ELEV	INLET INV ELEV(1)	INLET INV ELEV(2)	OUTLET INV ELEV
INLET #1	413.11	-	-	410.14
INLET #2	413.19	410.04	-	410.00
INLET #3	413.64	409.75	-	409.72
INLET #4	413.58	409.26	-	409.18
SANITARY MANHOLE				
MH #1	413.52	401.34	-	401.32
MH #2	416.81	399.72	399.92	399.66



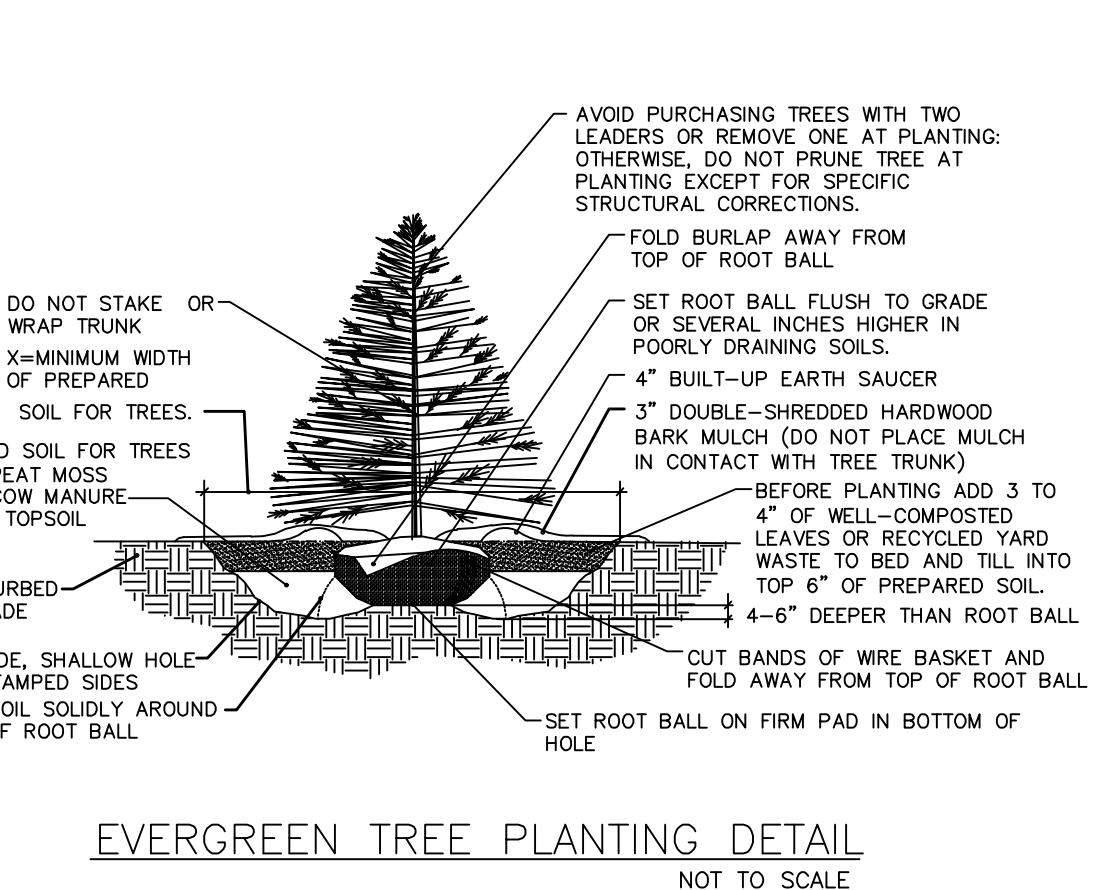
KEY	BOTANICAL NAME	COMMON NAME	SIZE, IN
(A) QTY-9	ACER GINNALA ACER PLANTANOIDES	AMERICAN MAPLE NORWAY MAPLE	2 1/2
(B) QTY-7	FRAXINUS AMERICANA FRAXINUS PENNSYLVANIACA LANCEOLATA	WHITE OAK GREEN ASH	2 1/2
(C) QTY-6	QUERCUS ALBA QUERCUS BOREALIS	WHITE OAK RED OAK	2 1/2



KEY MAP  
SCALE 1:500

#### GENERAL PLANTING NOTES:

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS & DISEASES.
- ALL PLANTS MUST BE CONTAINER-GROWN OR BALLED & BURLAPPED (B&B).
- ALL TREES MUST BE STRAIGHT TRUNKED, FULL-HEADED & MEET ALL REQUIREMENTS SPECIFIED.
- ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT & THE OWNER BEFORE, DURING & AFTER INSTALLATION UNTIL THE DATE OF FINAL ACCEPTANCE.
- ALL TREES MUST BE GUED OR STAKED AS DETERMINED BY THE LANDSCAPE ARCHITECT.
- ALL PLANTS & PLANTING AREAS MUST BE COMPLETELY MULCHED AS PER DRAWINGS.
- PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES & SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY & ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL PLANTING (INCLUDING, BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) OF PLANTING AREAS & LAWNS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE LANDSCAPE ARCHITECT & THE OWNER.



DRAWING LEGEND	
EX. PROPERTY LINE	EX. NEIGHBORING PROPERTY LINE
EX. CONTOUR MAJOR	EX. CONTOUR MINOR
EX. CARWAY	PR. CARWAY
PR. CENTERLINE	
PR. DRIVEWAY	
PR. SETBACK LINE	
PR. RIGHT OF WAY	
PR. SIDEWALK	
PR. PROPERTY LINE	
PR. BLOCKS	PR. SILT FENCE

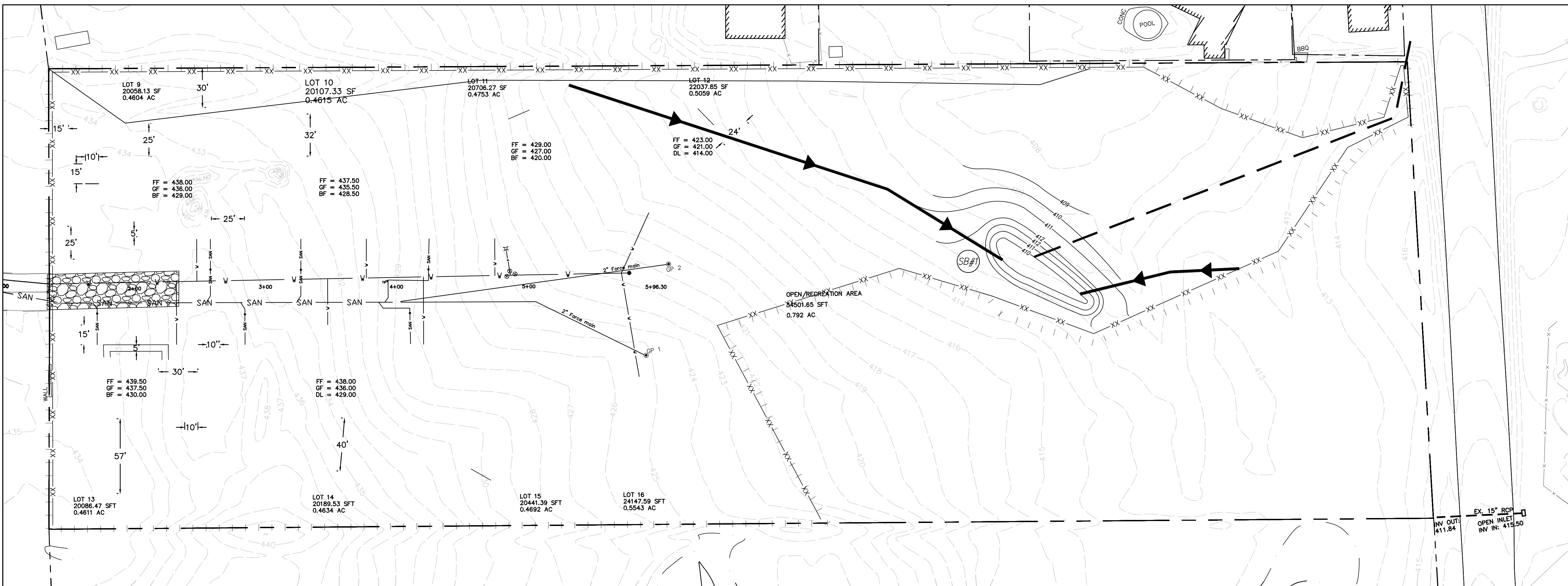


GRAPHIC SCALE  
1:40'

LANDSCAPE PLAN - NORTH

8

1":40'



## *LEGEND*

SUPER SILT FENCE



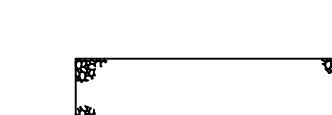
— XX —

### *DIVERSION DA*



A horizontal black arrow pointing to the right.

DIVERSION D



**TEMPORARY STONE  
CONSTRUCTION  
ENTRANCE**

*NOTE: THE DIVERSION DIKES ARE REQUIRED TO BE STABILIZED WITHIN 24 HOURS.*

E & S CONTROL PHASE I - SOUTH

28

A graphic scale diagram consisting of a horizontal line with numerical markings at 40, 0, 20, 40, 80, and 160. The segment from 0 to 40 is divided into four equal parts by vertical tick marks, each containing a small white square. The segment from 40 to 80 is solid black. The segment from 80 to 160 is also solid black. The text "GRAPHIC SCALE" is centered below the line, and "11-42" is printed below that.

## **GRAPHIC SCALE**

1":40'

1":40'