

THE PINES AT NORMANSIDE

LEONARD PLACE

TOWN OF BETHLEHEM, ALBANY COUNTY

STATE OF NEW YORK

DRAWING INDEX:

DWG #	TITLE	REV #	DATE
C-1	TITLE SHEET	9	06-17-2013
C-2	GENERAL NOTES AND LEGEND	8	11-07-2011
C-3	EXISTING CONDITIONS PLAN	8	11-07-2011
C-4	FINAL PLAT	9	01-07-2013
C-5	GRADING AND DRAINAGE PLAN	9	06-06-2012
C-6	UTILITIES PLAN	9	06-17-2013
C-7	LANDSCAPING PLAN	8	11-07-2011
C-8	SEDIMENT AND EROSION CONTROL PLAN	8	11-07-2011
C-9	LEONARD PLACE PROFILE	9	06-17-2013
C-10	STORM PROFILE FROM LEONARD PLACE TO BASIN	8	11-07-2011
C-11	SITE & DRAINAGE DETAILS	9	06-17-2013
C-12	SOIL EROSION CONTROL DETAILS I	8	11-07-2011
C-13	SOIL EROSION CONTROL DETAILS II	8	11-07-2011
ATTACHMENT 1 — TOPOGRAPHIC SURVEY (BY OTHERS)			

PROJECT INFORMATION

SUBDIVISION NAME: THE PINES AT NORMANSIDE
 SITE ADDRESS: LEONARD PLACE
DELMAR, NY 12054
 TOWN: BETHLEHEM
 TAX MAP NUMBER: 86.05-3-10.1
L. 2496, P. 93

APPLICANT

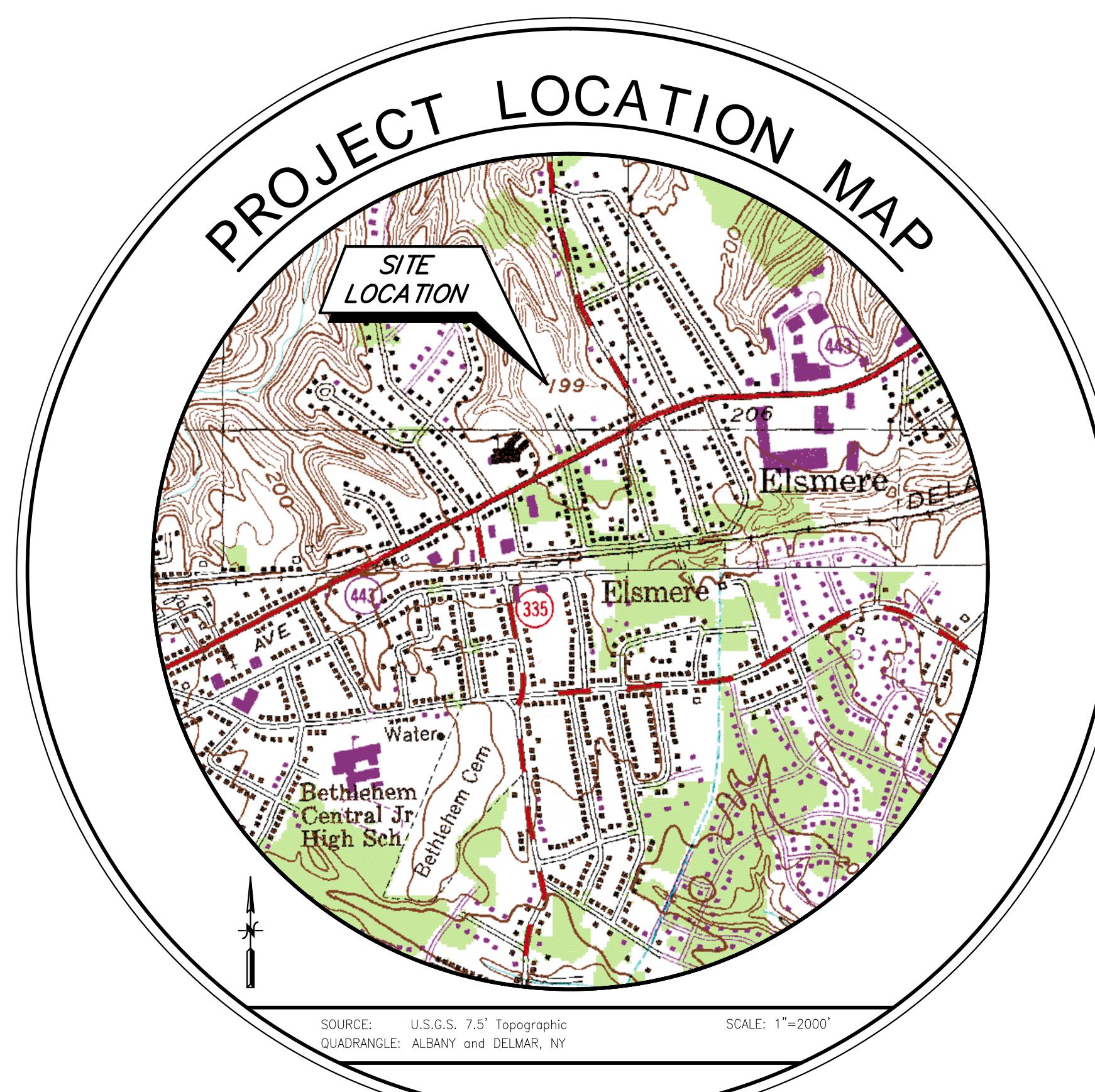
RICHARD BOHL
 PO BOX 7
 GLENMONT, NEW YORK
 12077

DIG ALERT:

CALL FOR UNDERGROUND UTILITIES PRIOR TO DIGGING:
 1-800-962-7962

EMERGENCY:

CALL 911



CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BE THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

1. UNIFORM PLUMBING CODE
2. NATIONAL ELECTRIC CODE
3. LOCAL BUILDING CODE
4. TOWN/COUNTY ORDINANCES

ISSUED FOR:

FINAL SUBDIVISION REVIEW

TOWN OF BETHLEHEM APPROVAL



JUNE 2013

GENERAL NOTES

1. UNDERGROUND UTILITIES ARE SHOWN BASED ON PHYSICAL EVIDENCE LOCATED AT THE GROUND SURFACE.
2. THE PLANS SHOW KNOWN SUBSURFACE STRUCTURES, ABOVEGROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA, BASED UPON RECORD PLANS AND FIELD EVIDENCE RECOVERED DURING THE SURVEY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. CONTRACTOR SHALL COMPLY WITH THE STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE, 16NYCRR PART 753, EFFECTIVE FEBRUARY 5, 1997. CALL BEFORE YOU DIG @ 1-800-962-7962.
3. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE ARCHITECT.
4. THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, CULVERTS, SIGNS AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED AS DETERMINED BY THE ARCHITECT. ANY DAMAGED TREES, SHRUBS, AND/OR HEDGES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC.
7. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.
8. ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF NEW YORK STATE CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
10. MAINTAIN FLOW FOR ALL EXISTING UTILITIES, CULVERTS, AND DITCHES.
11. ALL MANHOLES, CASTINGS, ETC. AND VALVE BOXES WITHIN PAVED AREAS SHALL HAVE THE TOPS SET FLUSH WITH THE EXISTING PAVEMENT GRADE. IN LANDSCAPED AREAS, ALL FRAMES SHALL BE 0.1' ABOVE GRADE.
12. BEFORE CONSTRUCTING LINES TO CONNECT TO EXISTING UTILITIES OR UTILITIES INSTALLED UNDER OTHER CONTRACTS, VERIFY EXISTING UTILITY INVERTS AND NOTIFY ENGINEER IF ANY VARIATION FROM THE PLANS IS REQUIRED.
13. CONTRACTOR TO GRADE ALL AREAS ON THE SITE TO PROVIDE POSITIVE DRAINAGE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS-BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND HIS REPRESENTATIVES, AND THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADMISSIONS TO THE SATISFACTION OF THE OWNER AND HIS REPRESENTATIVES BEFORE UTILITIES WILL BE ACCEPTED.

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BE THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

1. UNIFORM PLUMBING CODE
2. NATIONAL ELECTRIC CODE
3. LOCAL BUILDING CODE
4. TOWN/COUNTY ORDINANCES

15. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN OPERATING CONSTRUCTION EQUIPMENT OVER NEW UTILITY TRENCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MINIMUM OF TWO FEET OR MORE, IF REQUIRED, OVER ANY UTILITY LINE SUBJECT TO CONSTRUCTION TRAFFIC.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK, LANE CLOSURES AND DISRUPTIONS WITH GOVERNING AGENCIES.
17. PRIOR TO BIDDING PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS.
18. ALL PHYSICAL FEATURES, INDIVIDUAL TREES, LANDSCAPING OR UTILITY LOCATIONS COULD NOT BE POSSIBLY SHOWN ON THE CONTRACT DRAWINGS. EACH BIDDER IS ENCOURAGED TO PERSONALLY INSPECT ALL AREAS OF PROPOSED WORK, IN ORDER TO ENSURE THAT HE IS FAMILIAR WITH THE PHYSICAL LAYOUT OF THE AREA AND THE REQUIREMENTS OF THE WORK.
19. PROPERTY LINES ARE APPROXIMATE AS INTERPOLATED FROM EXISTING MAPPING AND ARE SHOWN FOR REFERENCE ONLY. SEE LIST OF MAP REFERENCES FOR FURTHER INFORMATION.
20. ALL PROPOSED WORK MAY BE VARIED IN THE FIELD BY THE ENGINEER TO MEET EXISTING CONDITIONS.
21. UPON COMPLETION OF THE WORK, ALL DISTURBED AREAS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
22. DISTURBED AREAS SHALL BE RESTORED AS WORK PROGRESSES AS DEEMED APPROPRIATE BY THE ENGINEER IN GENERAL. IF CONSTRUCTIONS COMPLETE ON A STREET, THAT STREET SHALL BE RESTORED AS STATED AND/OR IF CONSTRUCTION HAS ADVANCED 1/2 MILE FROM THE DISTURBED AREA IT SHALL BE RESTORED AS STATED.
23. TURF ESTABLISHMENT: ALL DISTURBED, FILL OR CUT AREAS SHALL BE GRADED, SEEDED, AND MULCHED, WITHIN ONE WEEK OF BACK FILLING SHOULDER AREAS, AS SHOWN ON THE DETAILS, AND LAWN AREAS OF PRIVATE PROPERTY DISTURBED DURING THE COURSE OF THE WORK WILL REQUIRE TOP SOIL BEFORE SEEDING AND MULCHING. ANY AREAS THAT SETTLE OR WASH OUT SHALL BE REPAIRED.
24. WHERE PRACTICAL, ALL EROSION CONTROL MEASURES SHALL BE PUT INTO PLACE PRIOR TO BEGINNING CONSTRUCTION.
25. TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT. TEMPORARY PATCH SHALL BE PLACED AT THE END OF EACH WORKING DAY.
26. ALL CONSTRUCTION STAKE OUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. LOCATION OF MANHOLES, ARE TO BE INDIVIDUALLY STAKED OUT. SEWER MAIN TO BE STAKED OUT AT 100 FOOT STATIONS.
27. DIMENSIONS ARE FROM FACE OF CURB, FACE OF BUILDING, FACE OF WALL AND CENTERLINE OF PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.
28. ALL WORK TO BE CONSTRUCTED PER THE TOWN OF BETHLEHEM TOWN STANDARDS.

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
FENCE		
5' OR 10' CONTOUR LINE		
1' OR 2' CONTOUR LINE		
EDGE OF STREAM OR RIVER		
LAKE OR POND		
PROPERTY LINE		
SILT FENCE		
GRADING LIMITS		
EDGE OF PAVEMENT		
EDGE OF WOODS		
BUILDING		
STORM SEWER		
SANITARY SEWER		
WATER LINE		
CATCH BASIN		
MANHOLE		
HYDRANT		
WATER VALVE/CONTROL VALVE		
POWER POLE / UTILITY POLE		
WETLAND/MARSH		

TOWN OF BETHLEHEM STANDARD NOTES

1. "All utilities to be installed in accordance with Town Standard Details and Specifications. Prior to construction, the contractor shall obtain these two documents for use on the job."
2. "All elevations shown are on USGS elevation base."
3. "All grading to be 3:1 (horizontal:vertical) maximum slope. Graded lawn/yard areas shall have a minimum slope of 2%."
4. "Prior to any work in the Town right-of-way, the contractor shall obtain a highway work permit from the Town Highway Superintendent."
5. "Prior to any work in the County right-of-way, a highway work permit from the County of Albany Department of Public Works is required."
6. "Prior to any work in the State right-of-way, a highway work permit from the New York State Department of Transportation is required."
7. "Prior to any work on sanitary sewer and water, the contractor shall obtain the necessary permits from the Town Department of Public Works."
8. "Unless otherwise noted, the locations and footprint configurations of proposed dwellings, driveways and associated lot grading as shown on this plan are conceptual and are included for municipal review purposes. Actual building locations and configurations, and related site grading, may vary from what is shown. However, any substantial variation from what is shown on any lot, as determined by the Town Building Inspector, shall be subject to further review by the Town Department of Public Works (and possibly other Town entities) prior to the issuance of a Building Permit for that lot."
9. "Any lot that has a proposed house location or building envelope that is located on the downhill side of the Safe Set Back Line will need to have a site-specific soils report submitted to the Building Inspector before a building permit will be issued for that lot."
10. "All controlled fill shall be certified by a licensed soils engineer, that placement of the material was done in a manner suitable for the construction of the road and the installation of water main, storm sewers, and sanitary sewers. To this end, no fill shall be placed in areas identified on these plans as controlled fill areas until the certifying soils engineer has been consulted."
11. "For all lots that have areas designated as preserved Federal Wetlands as shown on the Plans, the Town has no control over and accepts no responsibility for future drainage problems that could occur in these areas. This pertains whether such problems are a result of leaving the areas as they presently exist, or a result of future lot owners filling in and around the areas without regard for local drainage patterns."
12. "For all lots having preserved Federal Wetlands, such wetlands will be shown on the plot plans submitted to the Town Building Department for a Building Permit. This wetland information can be taken directly from the plat or Federal Wetlands Map. Said plot plans shall note that further filling of wetlands may require authorization from Federal regulatory authorities."
13. "The contractor shall call the U.F.P.O. (1-800 962-7962) two working days prior to any excavation to have underground utilities located in the field."
14. "Street right-of-way monuments shall be installed following completion of home construction at points designated by the Town of Bethlehem."
15. "No sump pump, roof drains, cellar drains, or footing drains shall be connected to the sanitary sewer system."

THE PINES AT NORMANSIDE	LEONARD PLACE	TOWN OF BETHLEHEM, NEW YORK
GENERAL NOTES AND LEGEND		
DATE: 11-07-2011	CME No.: 08-000	SCALE: AS NOTED
DESIGNED: M.B.T.	DRAWN BY: T.A.R.	CHECKED: M.B.T.
C 2		

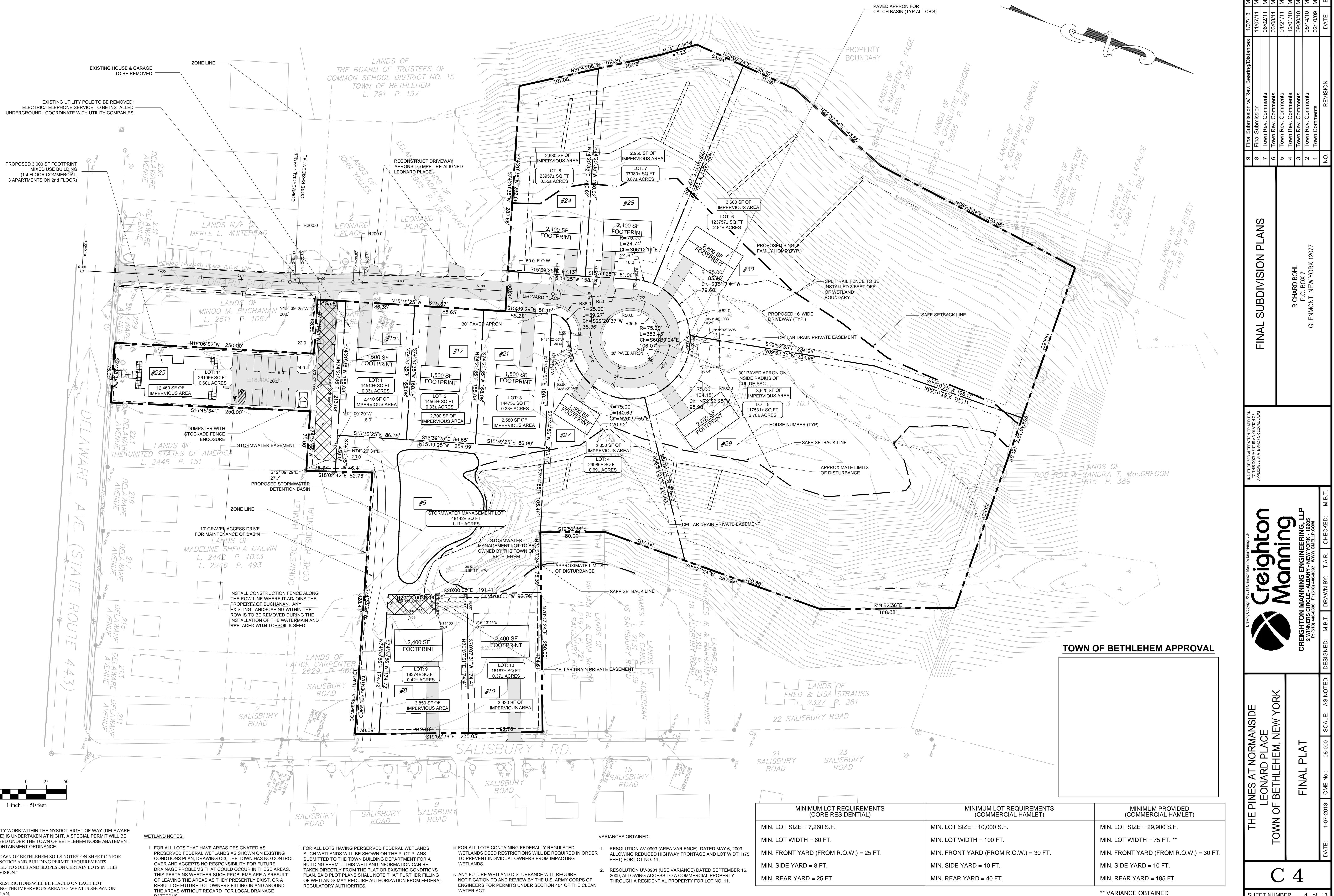
UNAUTHORIZED ALTERATION OR MODIFICATION IS PROHIBITED. THIS PLAN IS SUBJECT TO APPLICABLE STATE AND/OR LOCAL LAWS	FINAL SUBDIVISION PLANS	REVISION NO.
	8 Final Submission	11/07/11 MBT
	7 Town Rev. Comments	06/02/11 MBT
	6 Town Rev. Comments	03/08/11 MBT
	5 Town Rev. Comments	01/21/11 MBT
	4 Town Rev. Comments	12/01/10 MBT
	3 Town Rev. Comments	09/30/10 MBT
	2 Town Rev. Comments	05/14/10 MBT
	1 Town Comments	02/10/09 MBT
		DATE
RICHARD BOHL P.O. BOX 7 GLEMONT, NEW YORK 12077		
Creighton Manning	Creighton Manning Engineering, LLP 2 WINNERS CIRCLE - ALBANY - NEW YORK 12205 (518) 445-0266 FAX (518) 445-0267 WWW.CREIGHTONMANNING.COM	

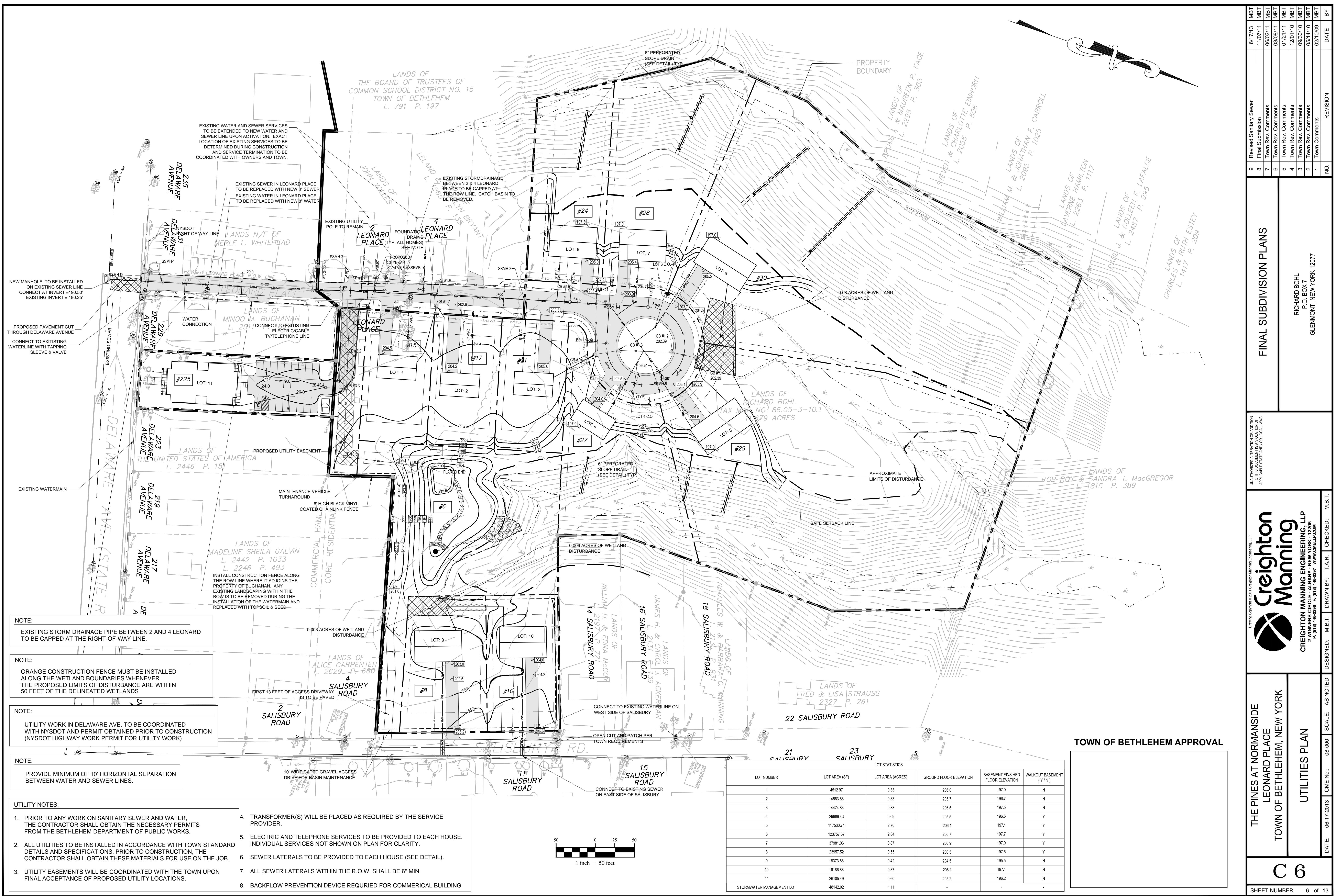
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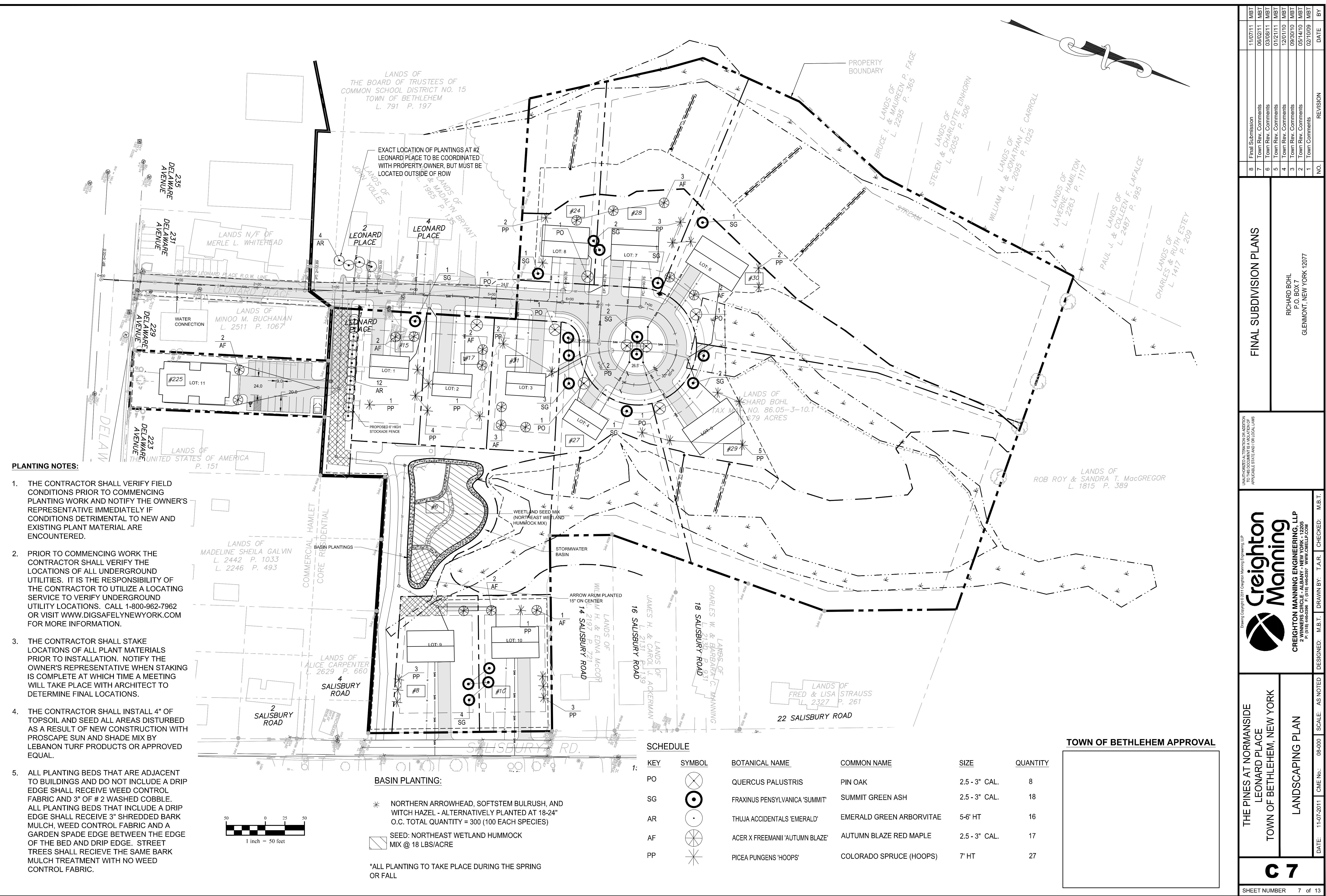
1. WETLAND LINES SHOWN ARE BASED ON A DELINEATION CONDUCTED BY INFINIGY ENGINEERING AND SURVEYING IN SEPTEMBER, 2007.
2. WETLAND LINES IN LIMITED AREAS OR FILL AS SHOWN ON THE PLANS ARE AUTHORIZED UNDER ACOE PERMIT APPLICATION NUMBER NAN-2007-01349.
3. EXISTING CONDITIONS SURVEY COMPLETED BY BREWER ENGINEERING ASSOCIATES, P.C.
4. ADDITIONAL UTILITIES LOCATED BY INFINIGY ENGINEERING AND SURVEYING ON NOV. 19, 2009.
5. ADDITIONAL TOPOGRAPHY AND SITE FEATURES LOCATED BY INFINIGY ENGINEERING AND SURVEYING ON APRIL 12, 2010.

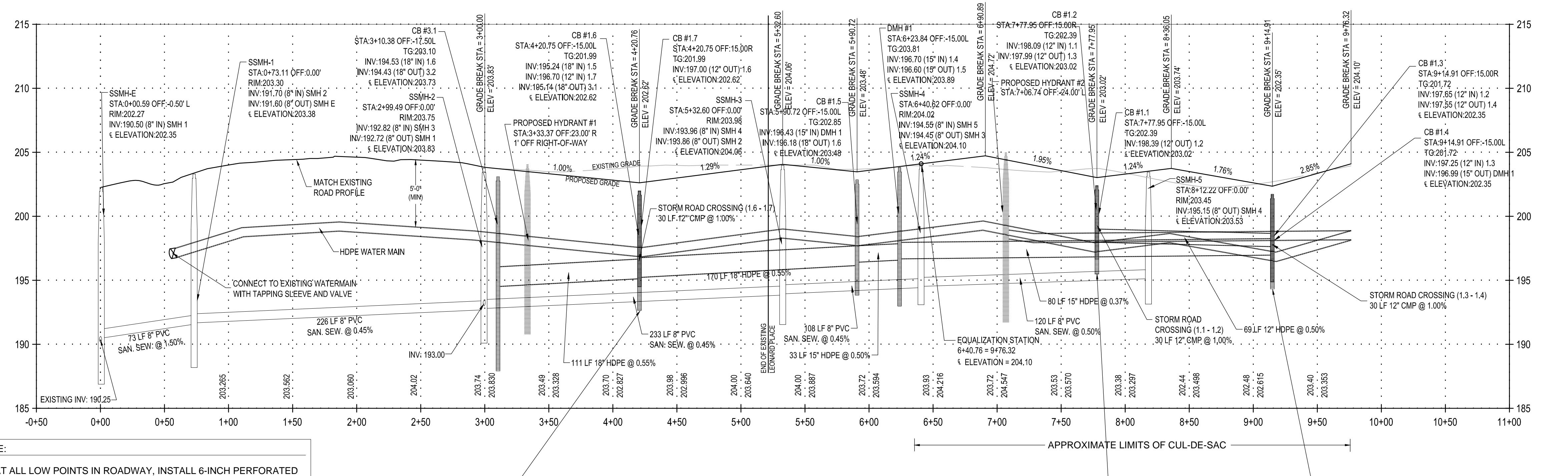
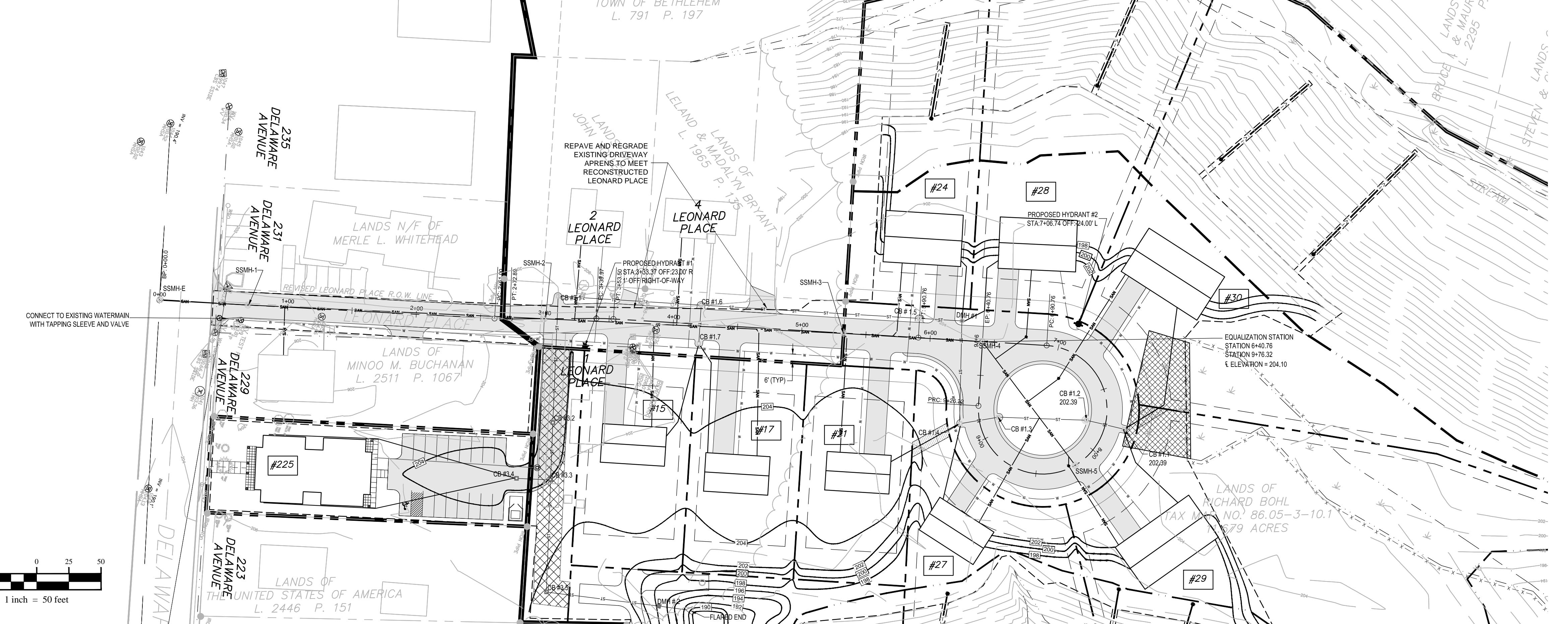


EXISTING CONDITIONS PLAN		TOWN OF BETHLEHEM APPROVAL		FINAL SUBDIVISION PLANS			
DATE: 11-07-2011	CME No.: 08-000	SCALE: AS NOTED		DESIGNED: M.B.T.	DRAWN BY: T.A.R. CHECKED: M.B.T.		
C 3							
Sheet Number	3 of 13						
CREIGHTON MANNING ENGINEERING, LLP 2 PINE STATION, P.O. BOX 77 GLENMONT, NEW YORK 12077 Richard Bohl P.O. BOX 77 GLENMONT, NEW YORK 12077							
<small>Drawing Copyright © 2010 Creighton Manning Engineering, LLP Using Autodesk Civil 3D 2010. This document is not a legal document. All applicable documents is to contain the applicable state and local laws.</small>							
8	Final Submission	110711	MBT	8	Final Submission		
7	Town Rev. Comments	060211	MBT	7	Town Rev. Comments		
6	Town Rev. Comments	030811	MBT	6	Town Rev. Comments		
5	Town Rev. Comments	012111	MBT	5	Town Rev. Comments		
4	Town Rev. Comments	120110	MBT	4	Town Rev. Comments		
3	Town Rev. Comments	093010	MBT	3	Town Rev. Comments		
2	Town Rev. Comments	051410	MBT	2	Town Rev. Comments		
1	Town Comments	021010	MBT	1	Town Comments		
NO.	REVISION	DATE	BY	NO.	REVISION	DATE	BY









LEONARD PLACE PROFILE

VERTICAL SCALE: 1" = 50'
HORIZONTAL SCALE: 1" = 5'

NOTE:

AT ALL LOW POINTS IN ROADWAY, INSTALL 6-INCH PERFORATED
CMP IN CRUSHED STONE. PARALLEL TO CROSSOVER PIPE.
CROWNS OF PIPE TO BE AT SAME ELEVATION, 6" UNDERDRAIN
TO BE CONNECTED TO CATCHBASINS AT BOTH ENDS.

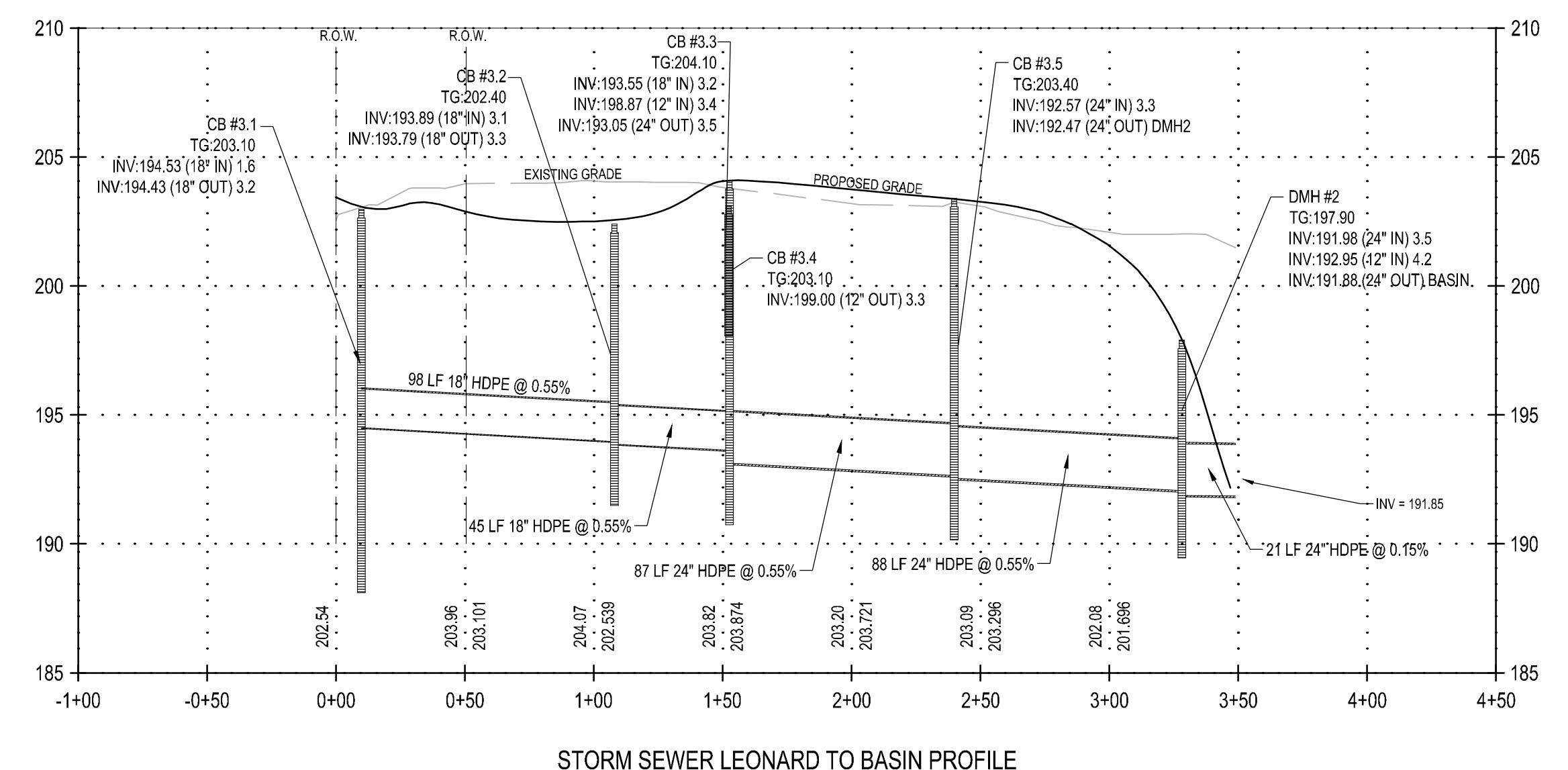
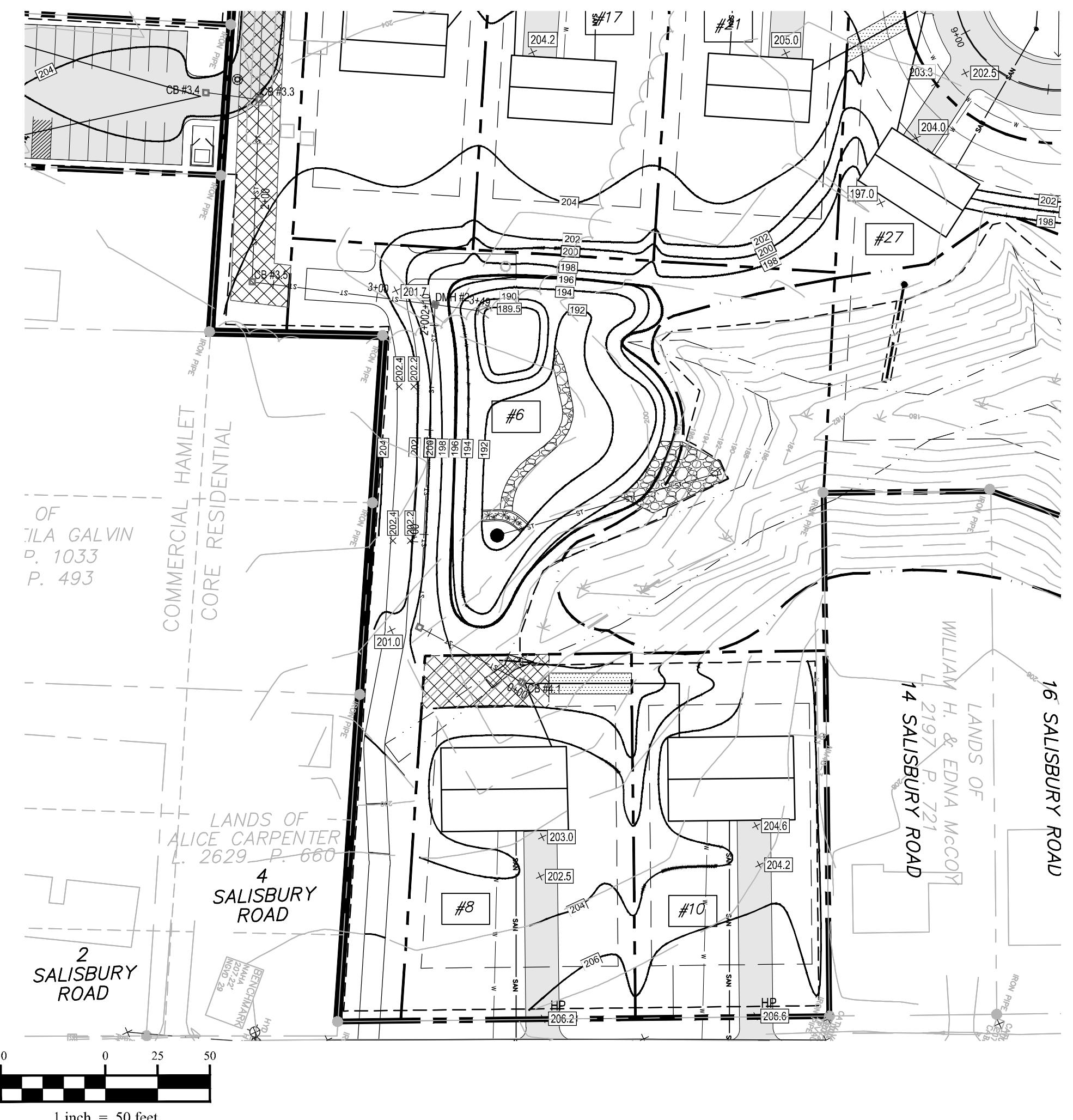
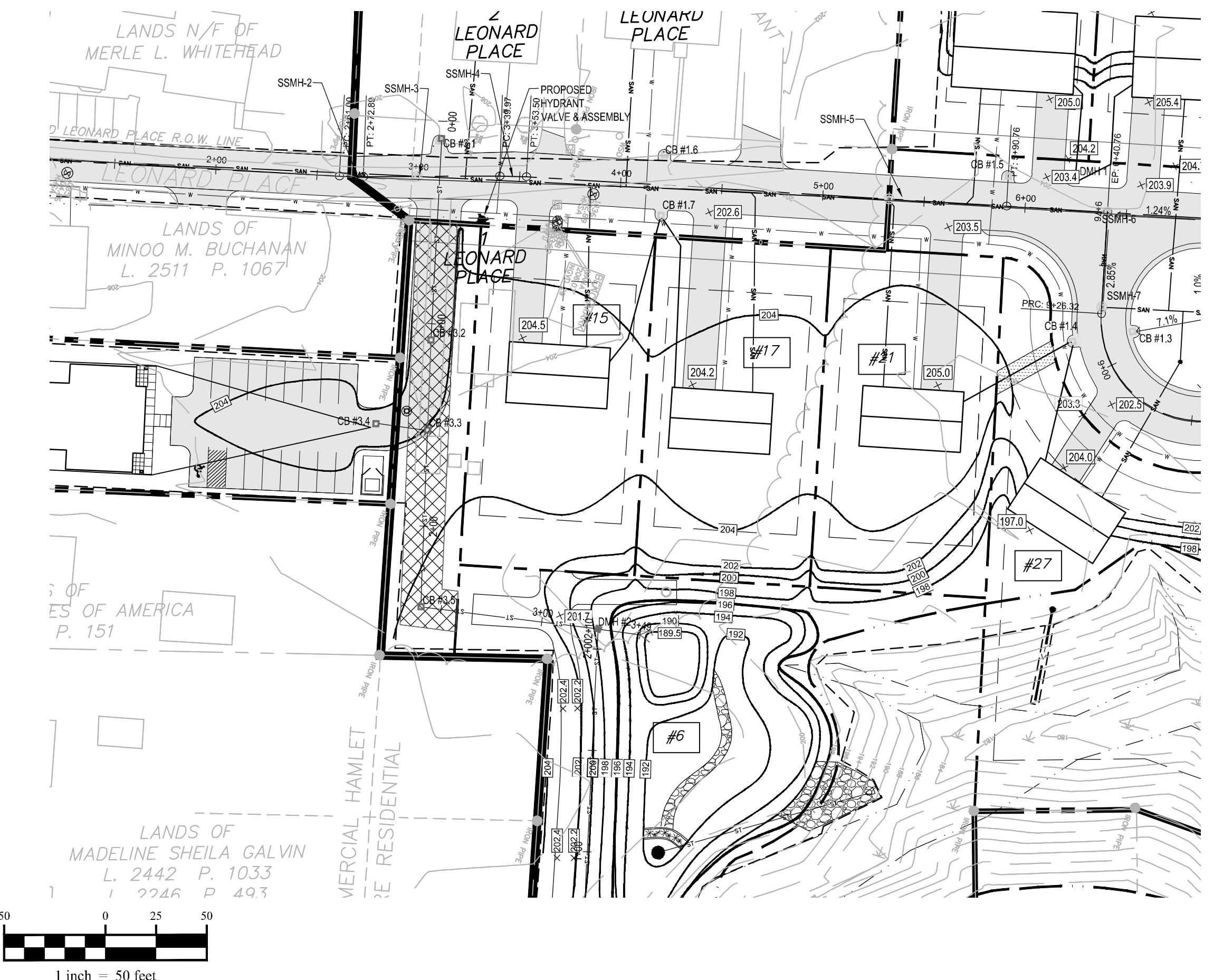
NOTE:

UTILITY WORK IN DELAWARE AVE. TO BE COORDINATED
WITH NYSDOT AND PERMIT OBTAINED PRIOR TO CONSTRUCTION
(NYSDOT HIGHWAY WORK PERMIT FOR UTILITY WORK)

NOTE:
INSTALL CONSTRUCTION FENCE ALONG THE RIGHT-OF-WAY LINE WHERE IT ADJOINS THE PROPERTY OF BUCHANAN. ANY EXISTING LANDSCAPING WITHIN THE RIGHT-OF-WAYS IS TO BE REMOVED DURING THE INSTALLATION OF THE WATER MAIN AND

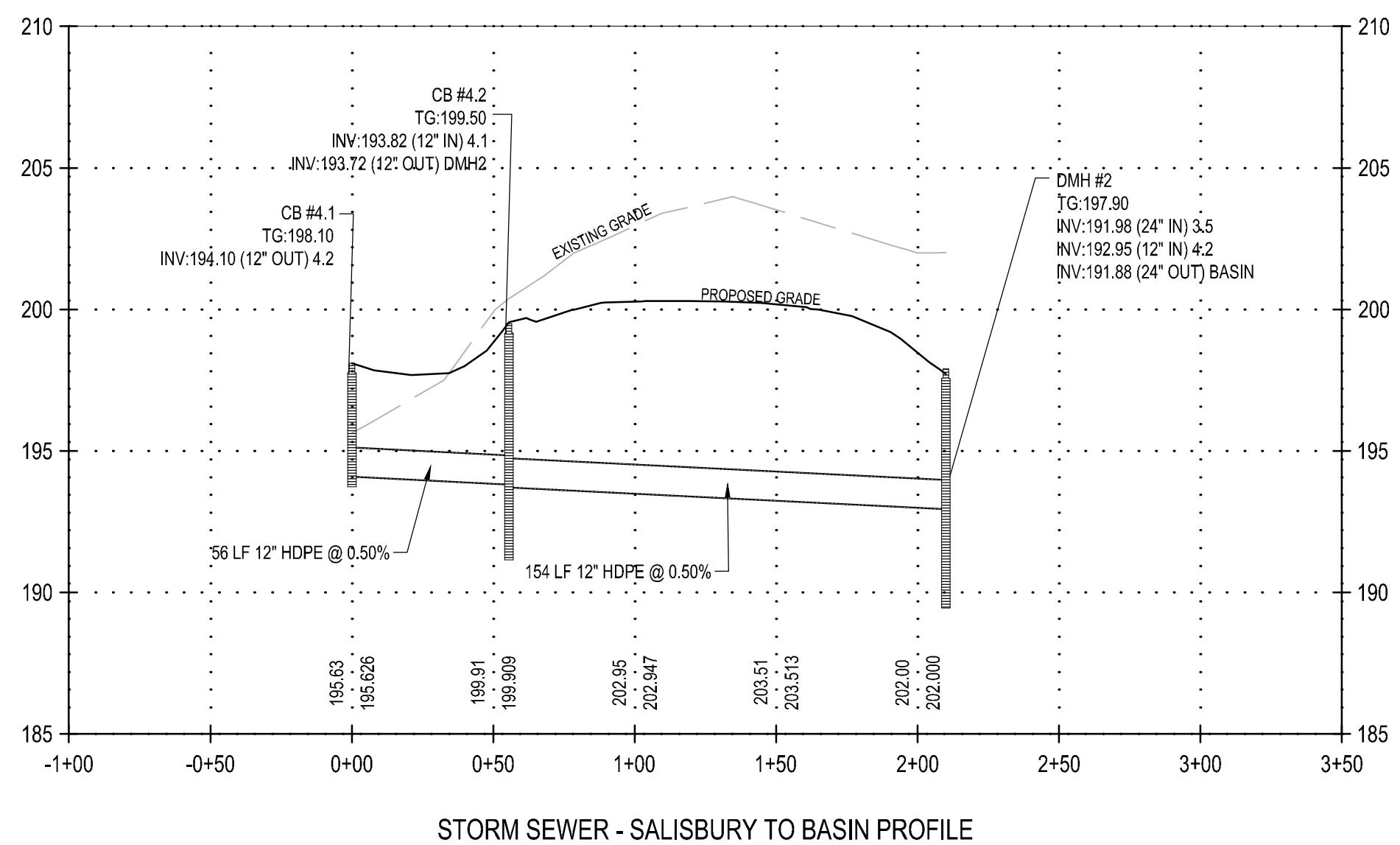
OWN OF BETHLEHEM APPROVAL

C 9		THE PINES AT NORMA LEONARD PLACE TOWN OF BETHLEHEM, N.Y.		LEONARD PLACE PR	
				DATE: 06-17-2013 CME No.: 08-000	



STORM PROFILE FROM LEONARD PLACE TO BASIN

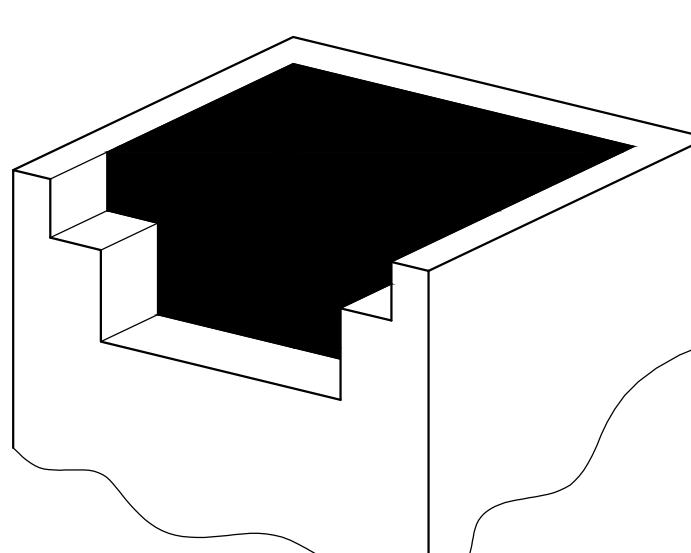
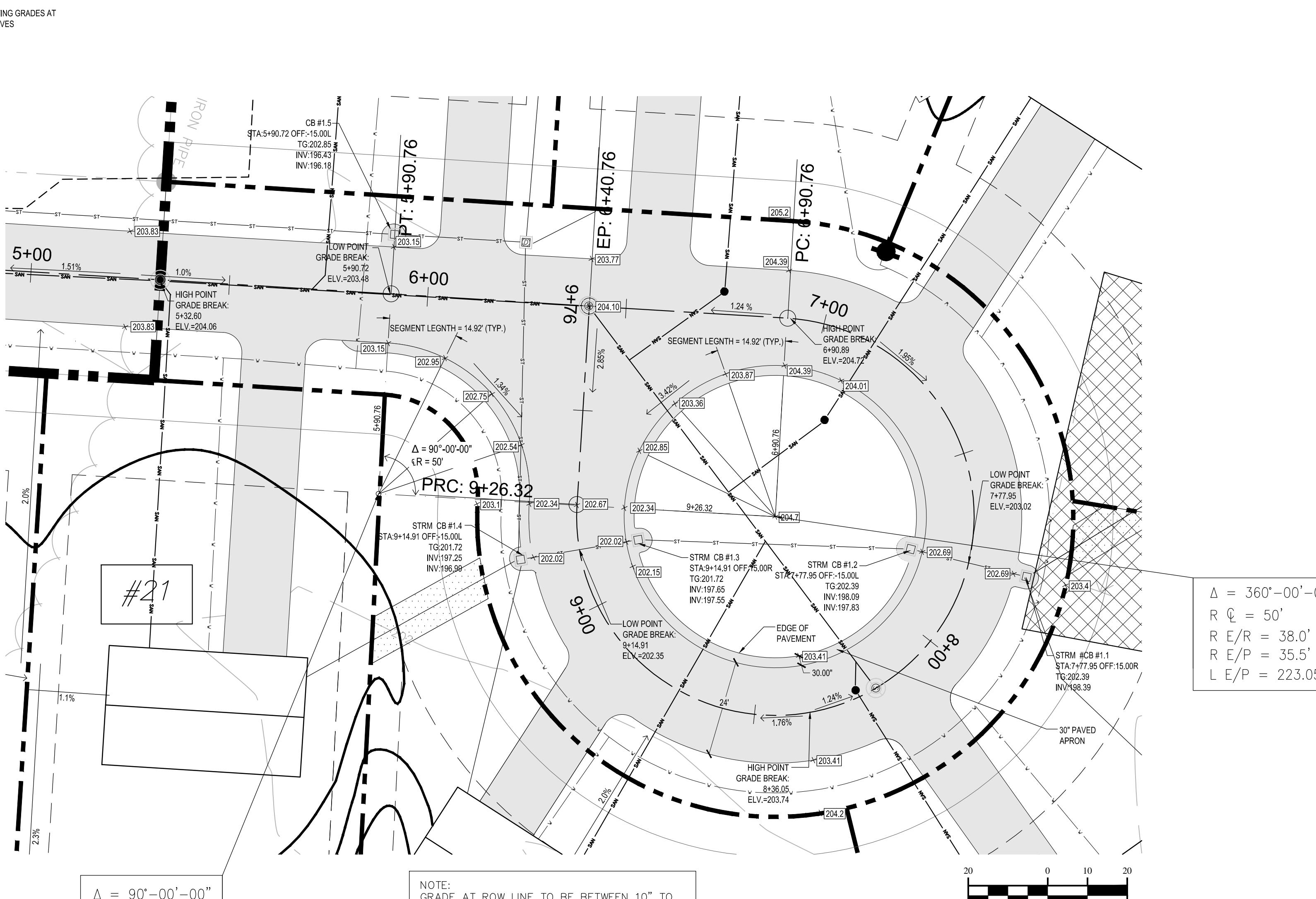
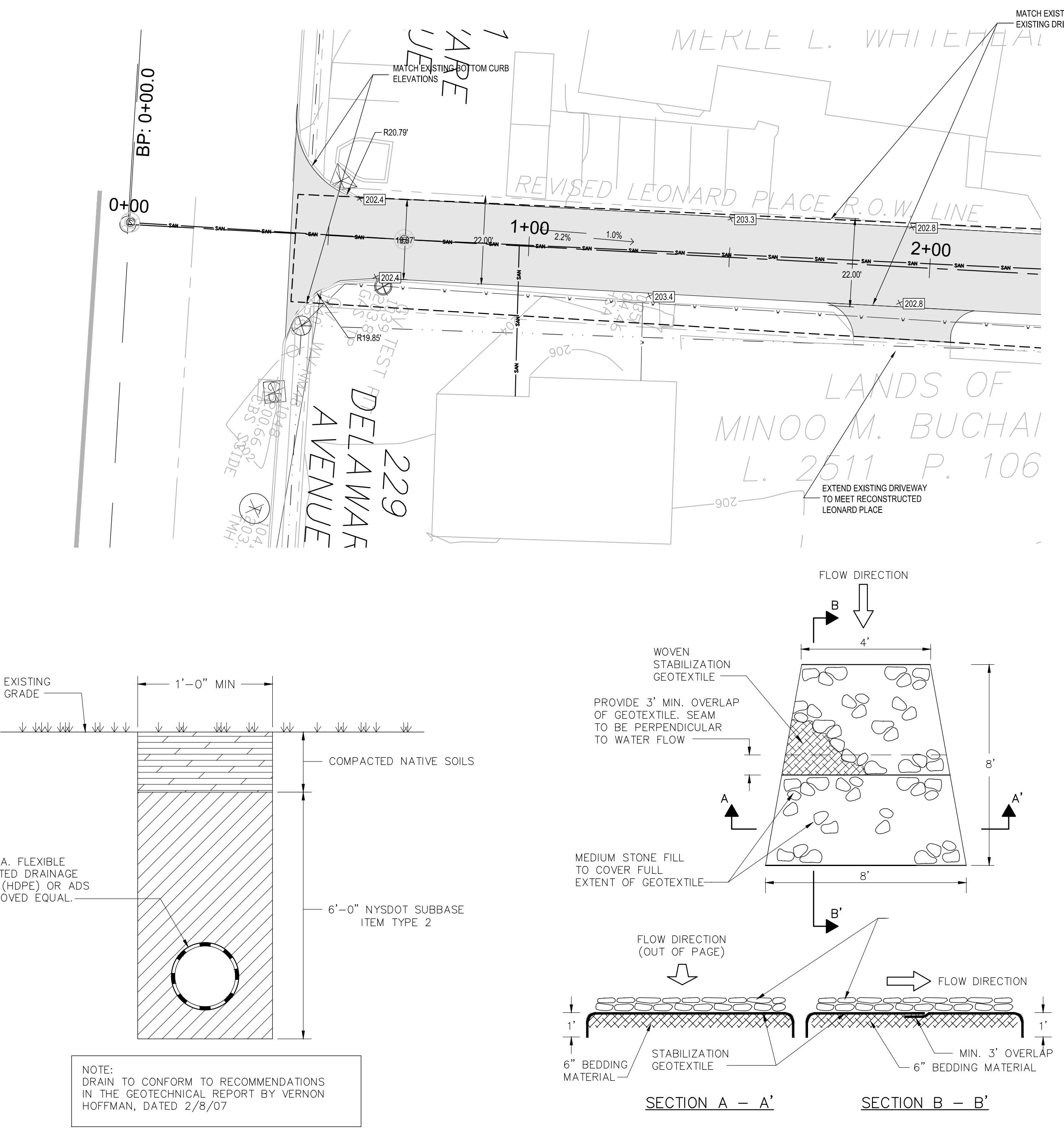
VERTICAL SCALE: 1" = 50'
HORIZONTAL SCALE: 1" = 5'



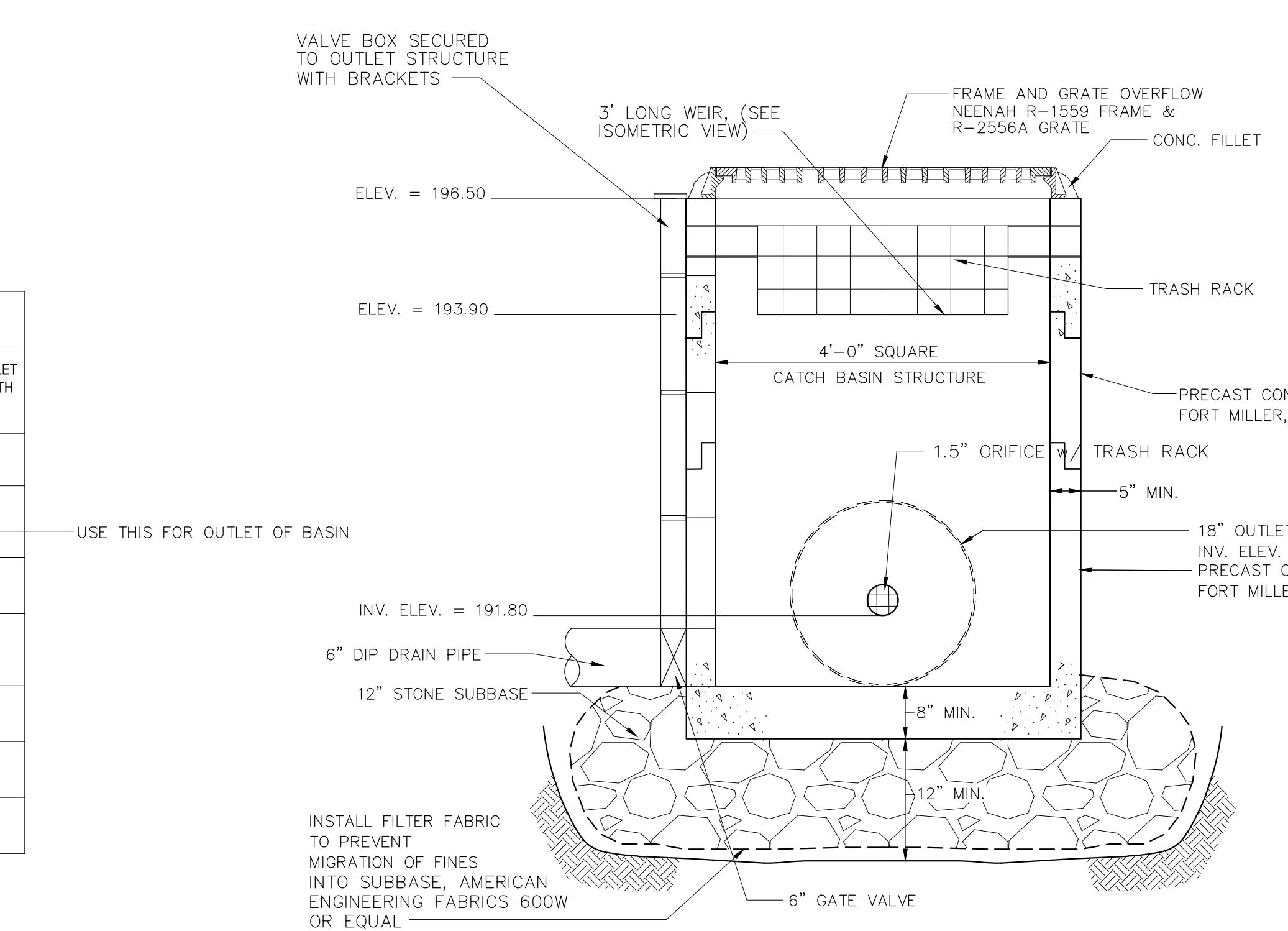
STORM PROFILE FROM SALISBURY ROAD TO BASIN

VERTICAL SCALE: 1" = 50'
HORIZONTAL SCALE: 1" = 5'

10 STORM PROFILES		CREIGHTON MANNING ENGINEERING, LLP 2 WINNERS CIRCLE - ALBANY - NEW YORK - 12205 P: (518) 446-0396 F: (518) 446-0397 WWW.CMELP.COM	
C 1 THE PINES AT NORMANSIDE LEONARD PLACE TOWN OF BETHELHEM, NEW YORK		FINAL SUBDIVISION PLANS	
		UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF APPLICABLE STATE AND / OR LOCAL LAWS	
DATE: 11-07-2011 CMFNc: 08-000 SCALE: AS NOTED		DESIGNED: M.B.T. DRAWN BY: T.A.R. CHECKED: M.B.T.	
NO. REVISION		DATE BY	
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RICHARD BOHL P.O. BOX 7 GLENMONT, NEW YORK 12077			



GEOMETRIC VIEW OF WEIR

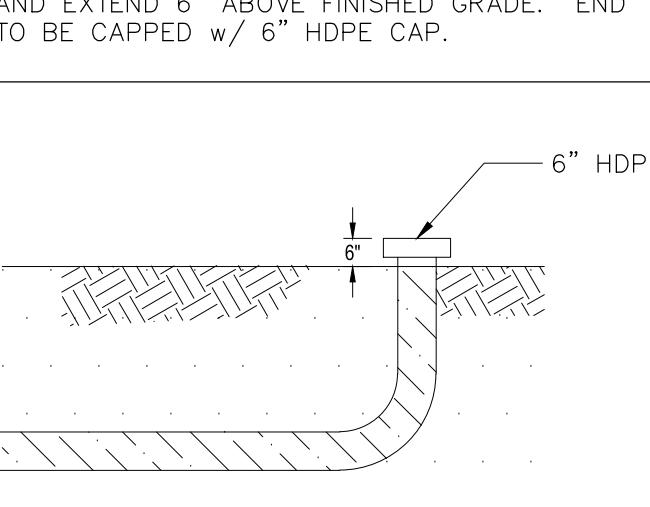


OUTLET STRUCTURE DETAIL

NOTE: OUTLET STRUCTURE TO MEET THE REQUIREMENTS
OF THE TOWN OF BETHLEHEM

STONE APRON SIZING REQUIREMENT TABLE "A"						
CULVERT DIA. (D)	CULVERT SLOPE, %	NYSDOT STANDARD STONE FILLING APRON MATERIAL	d50	dMAX	MINIMUM APRON THICKNESS (IN)	MINIMUM OUTL. APRON LENGTH (FT)
12"	< 8 8-10	LIGHT MEDIUM	6" 9"-12"	9" 14"-18"	18 24	10 10
18"	< 4	LIGHT	6"	9"	18	10
	4-6	MEDIUM	9"-12"	14"-18"	24	12
	6-8	HEAVY	15"-18"	22"-27"	36	12
	8-10	HEAVY	15"-18"	22"-27"	36	18
24"	< 3	LIGHT	6"	9"	18	12
	3-4	MEDIUM	9"-12"	14"-18"	24	16
	4-8	HEAVY	15"-18"	22"-27"	36	24
30"	< 1	LIGHT	6"	9"	18	15
	1-2	MEDIUM	9"-12"	14"-18"	24	20
	2-4	HEAVY	15"-18"	22"-27"	36	25
	4-6	HEAVY	15"-18"	22"-27"	36	30
36"	< 2	MEDIUM	9"-12"	14"-18"	24	24
	2-3	HEAVY	15"-18"	22"-27"	36	30
	3-5	HEAVY	15"-18"	22"-27"	36	36
42"	< 1	MEDIUM	9"-12"	14"-18"	24	28
	1-2	HEAVY	15"-18"	22"-27"	36	35
	2-3	HEAVY	15"-18"	22"-27"	36	42
48"	< 1	MEDIUM	9"-12"	14"-18"	24	32
	1-2	HEAVY	15"-18"	22"-27"	36	40
	2-3	HEAVY	15"-18"	22"-27"	36	48

NOTE:
TOP OF SLOPE END OF DRAIN TO TURN 90° UP
AND EXTEND 6" ABOVE FINISHED GRADE. END
TO BE CAPPED w/ 6" HDPE CAP.



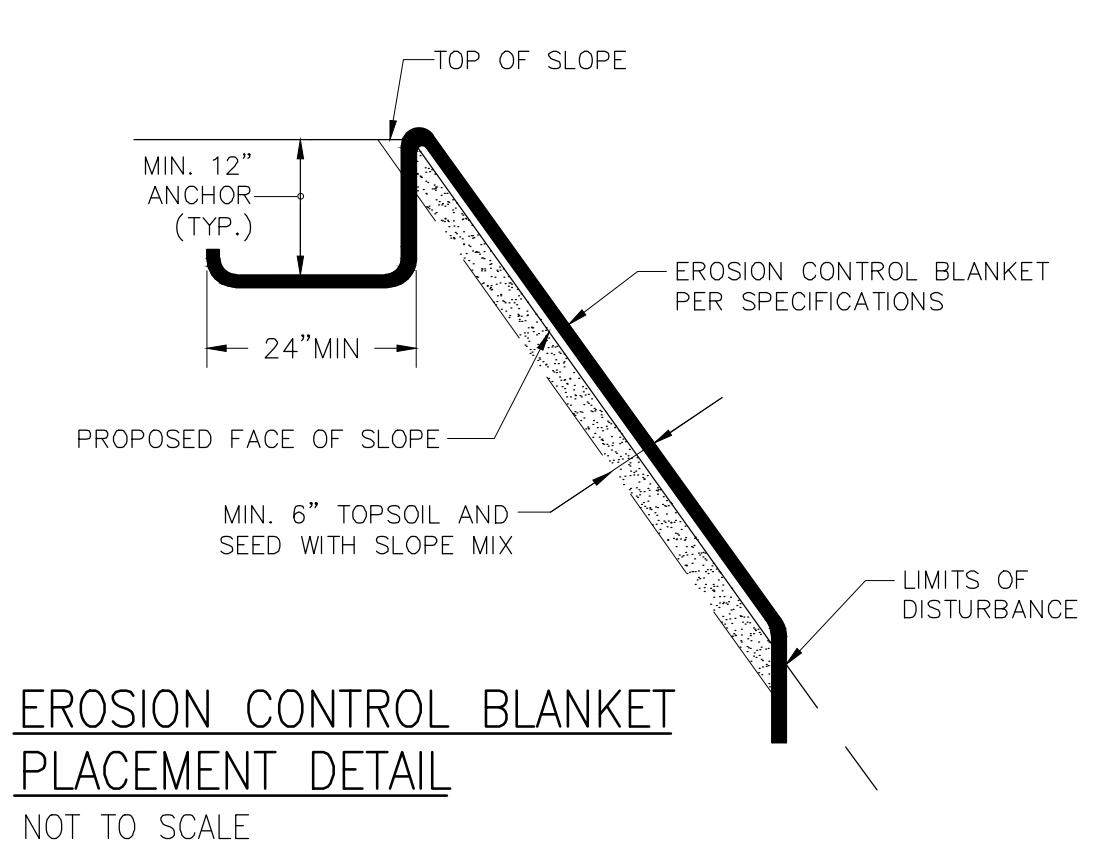
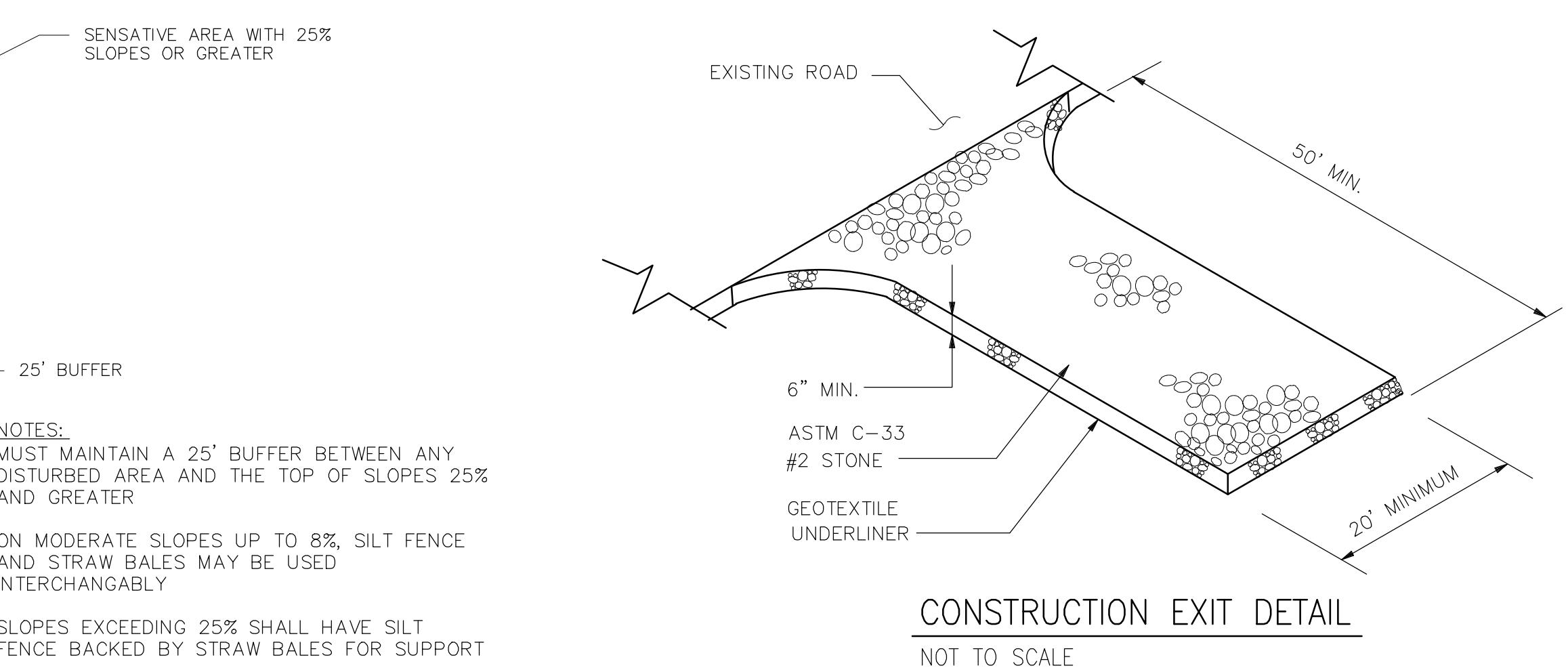
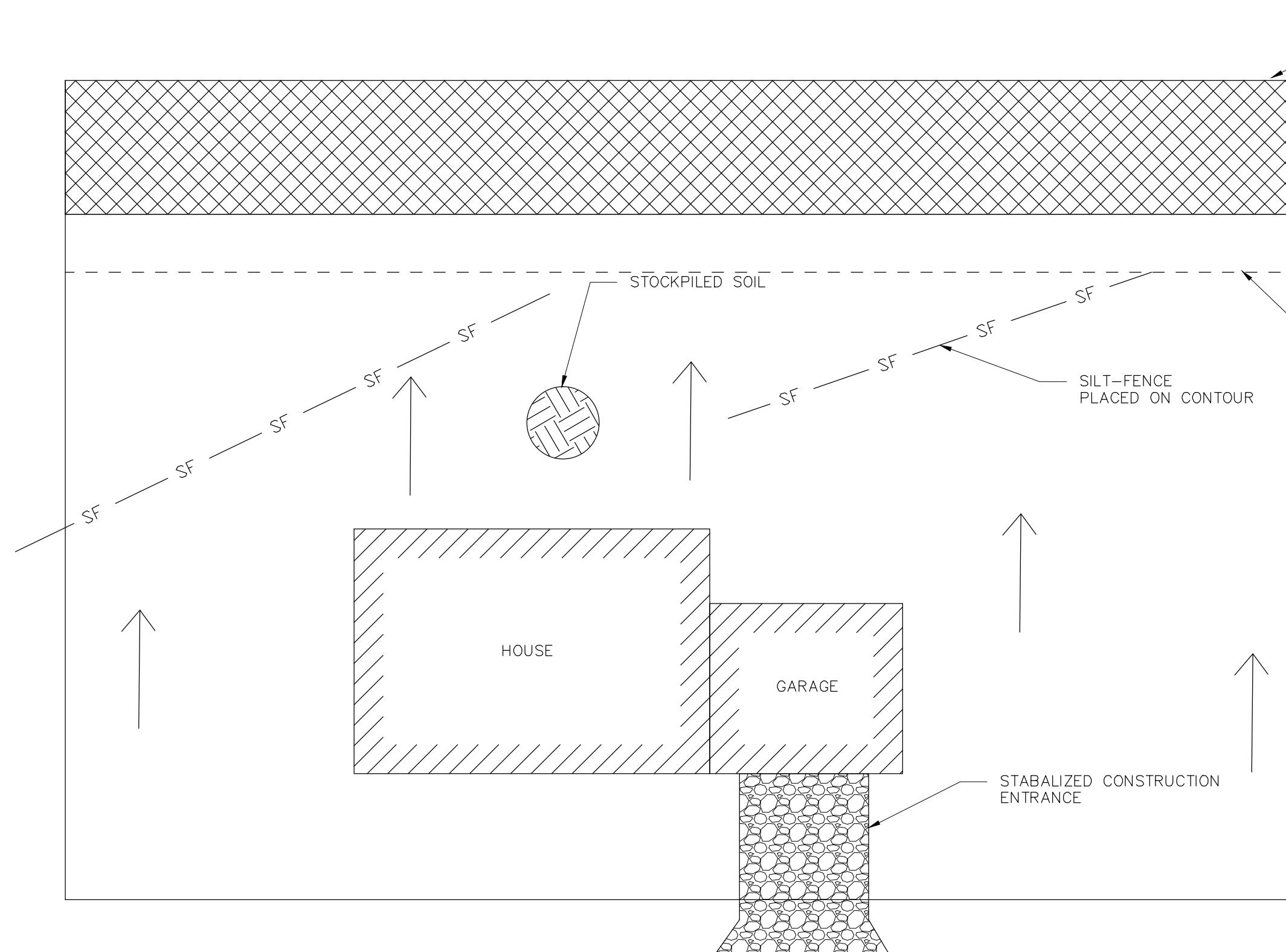
END DRAIN DETAIL
NOT TO SCALE

FINAL SUBDIVISION PLANS

RICHARD BOHL
P.O. BOX 7
GLENMONT, NEW YORK 12077

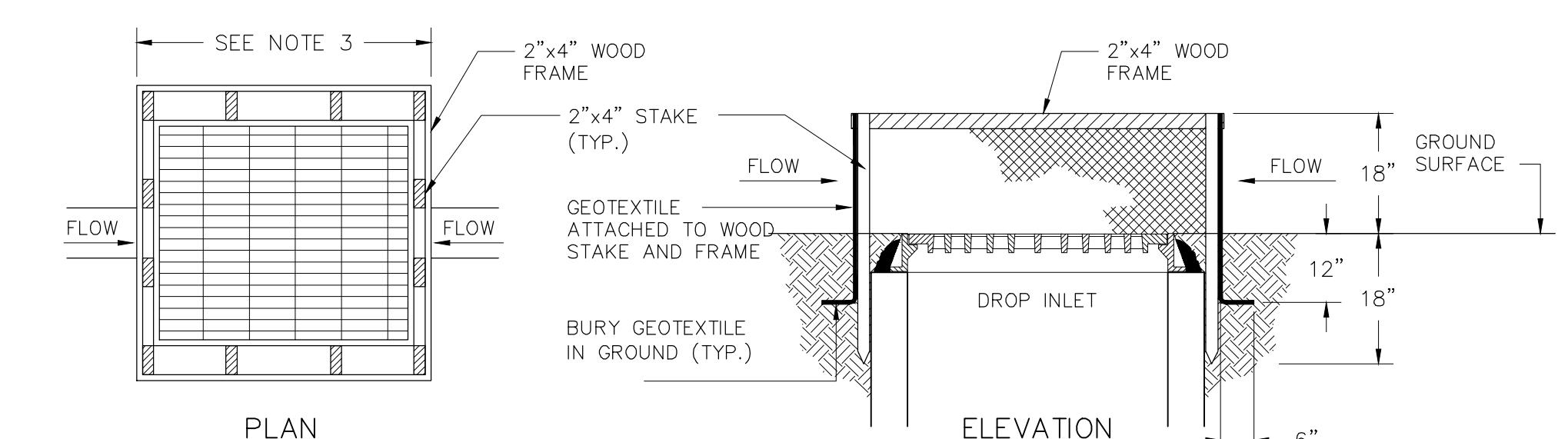
LEONARD PLACE TOWN OF BETHLEHEM, NEW YORK		SITE & DRAINAGE DETAILS			
DATE:	06-17-2013	CME No.:	08-000	SCALE:	AS NOTED
DESIGNED:	M.B.T.	DRAWN BY:	T.A.R.	CHECKED:	M.B.T.
CREIGHTON MANNING ENGINEERING, LLP 2 WINNERS CIRCLE - ALBANY - NEW YORK - 12205 P: (518) 446-0396 F: (518) 446-0397 WWW.CMELL.P.COM					

C 11



NO.	REVISION	DATE	BY
8	Final Submission	11/07/11	MBT
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5	Town Rev. Comments	03/08/11	MBT
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3	Town Rev. Comments	09/30/10	MBT
2	Town Rev. Comments	05/14/10	MBT
1	Town Comments	02/10/09	MBT

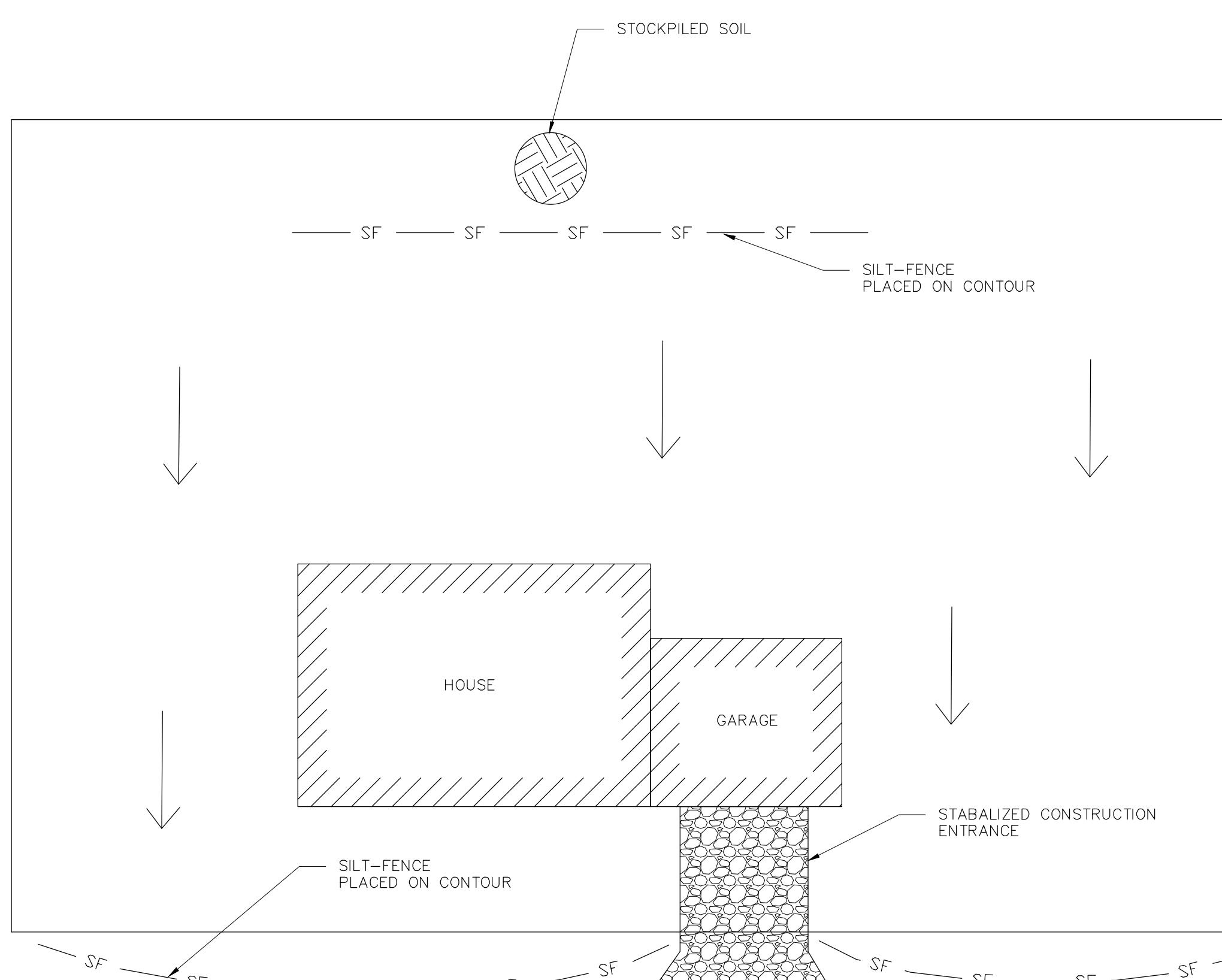
TYPICAL HOUSE SOIL EROSION CONTROL PLAN
NOT TO SCALE



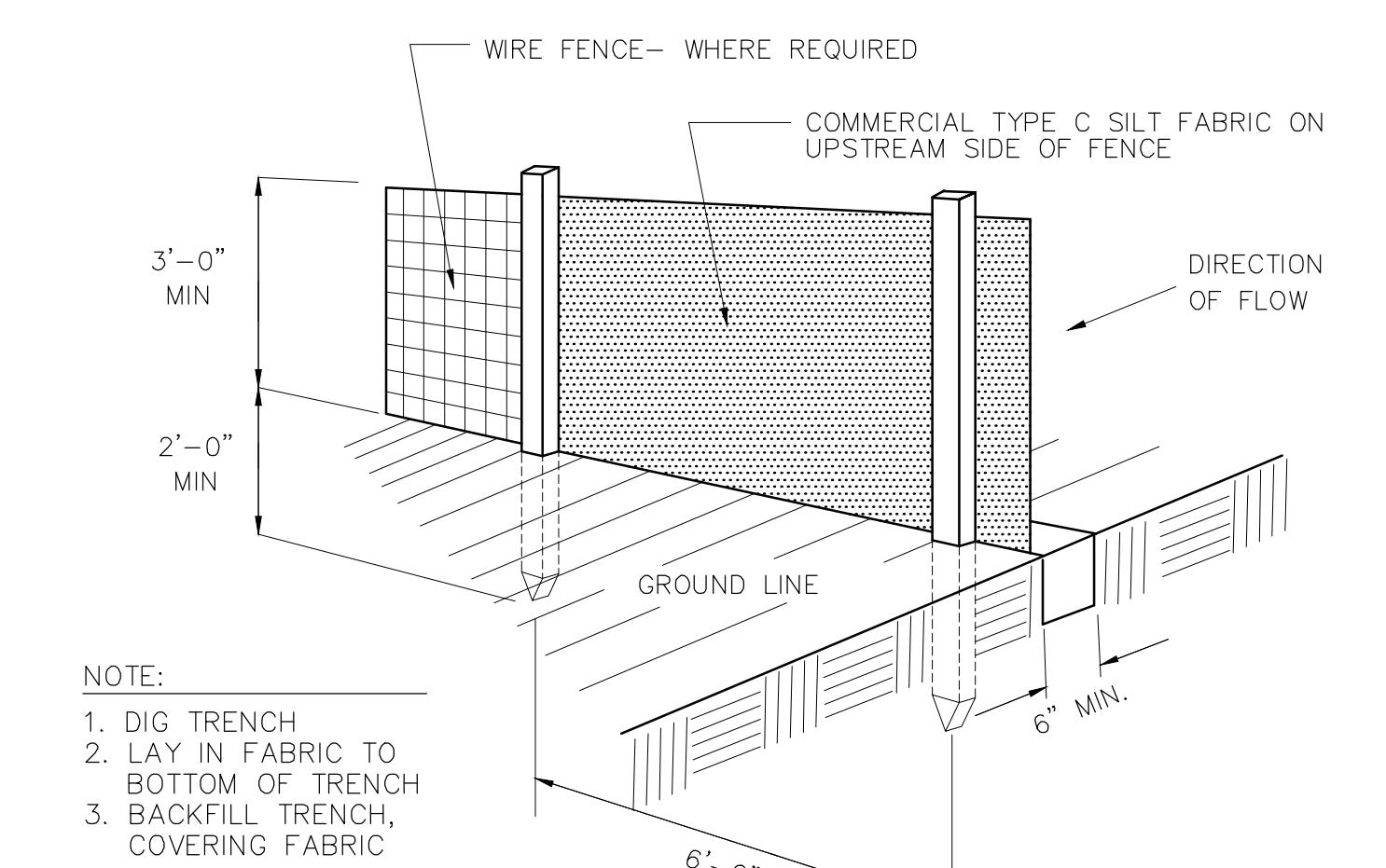
CATCH BASIN INLET PROTECTION (NO PAVEMENT)
NOT TO SCALE

NOTES:

1. GEOTEXTILE SHALL BE CUT FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF ANY JOINTS ARE NECESSARY THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
2. STAKE MATERIAL WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
3. SPACE STAKES EVENLY AROUND INLET WITH A MAXIMUM SPACING OF 3 FEET. DRIVE STAKES 18" MINIMUM INTO GROUND. WIRE MESH MAY BE REQUIRED BEHIND GEOTEXTILE TO PROVIDE SUPPORT.
4. GEOTEXTILE SHALL BE EMBEDDED 12" BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO STAKES AND FRAME.
5. A 2" x 4" WOOD FRAME SHALL BE FORMED AROUND THE CREST OF FABRIC FOR OVERFLOW STABILITY.
6. INLET PROTECTION TO REMAIN IN-PLACE UNTIL AREA IS STABILIZED.



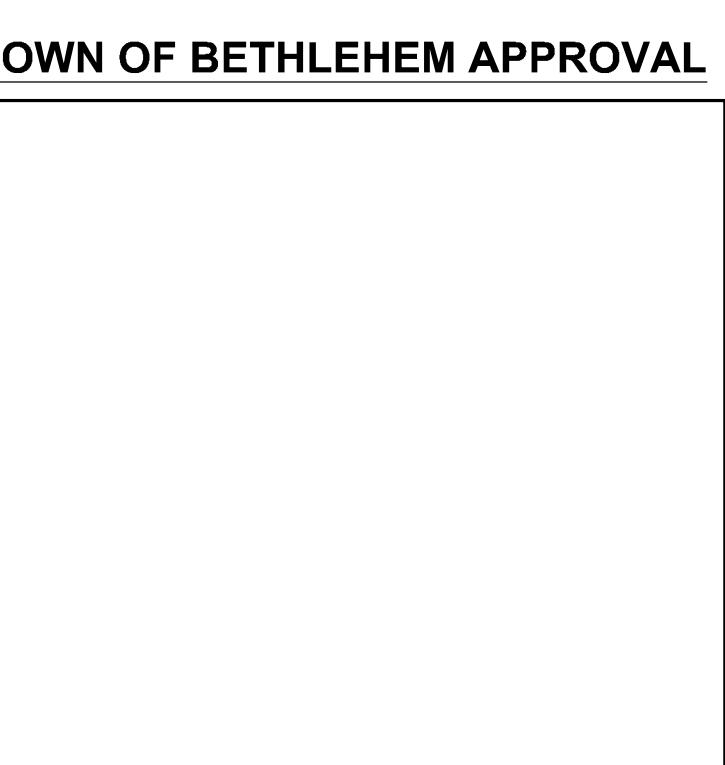
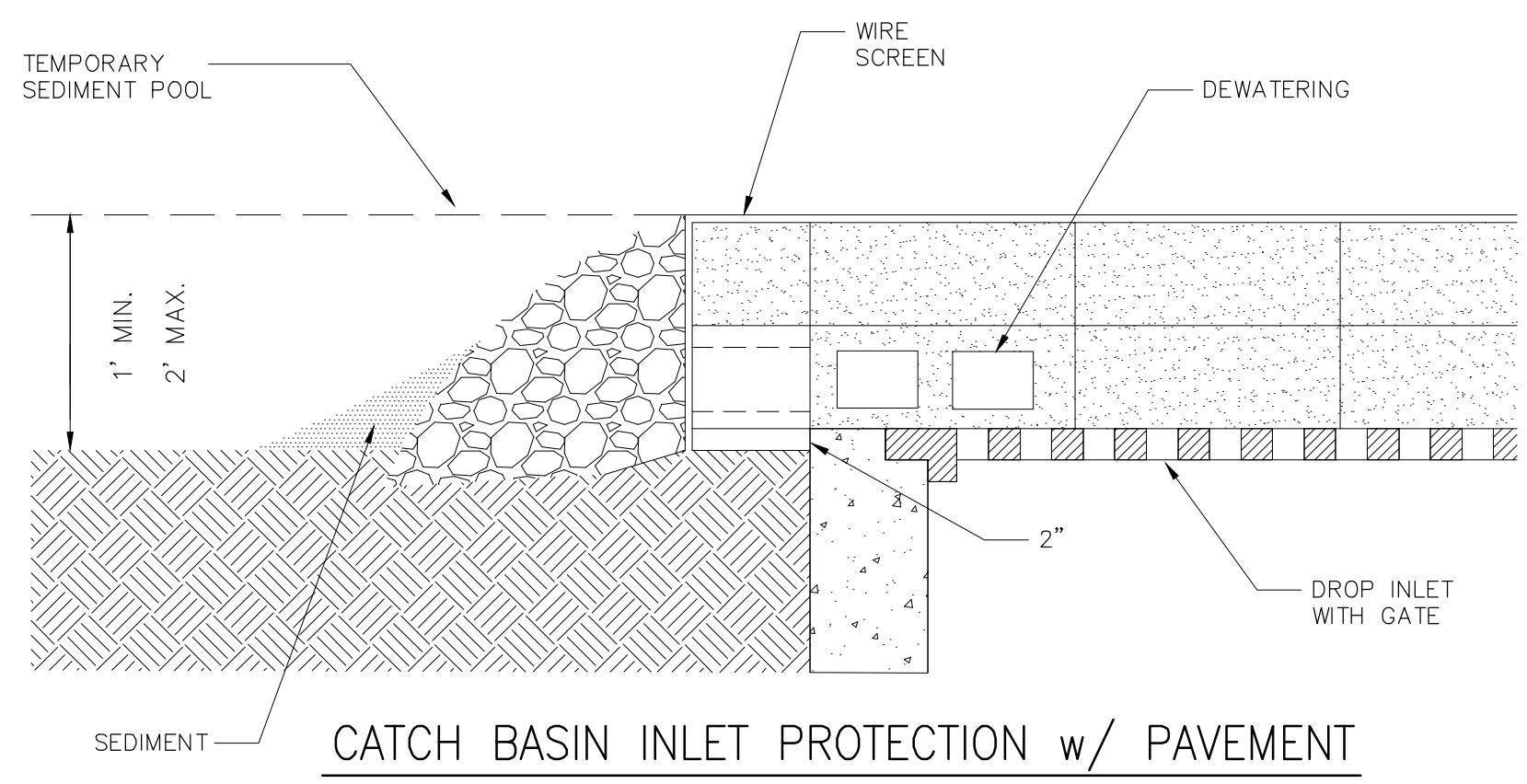
NOTES:
MUST MAINTAIN A 25' BUFFER BETWEEN ANY DISTURBED AREA AND THE TOP OF SLOPES 25% AND GREATER
ON MODERATE SLOPES UP TO 8%, SILT FENCE AND STRAW BALES MAY BE USED INTERCHANGABLY
SLOPES EXCEEDING 25% SHALL HAVE SILT FENCE BACKED BY STRAW BALES FOR SUPPORT
USE ADDITIONAL PRACTICES AS REQUIRED BY THE LOCAL PLAN APPROVAL AUTHORITY TO MITIGATE EFFECTS OF POST CONSTRUCTION RUNOFF



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

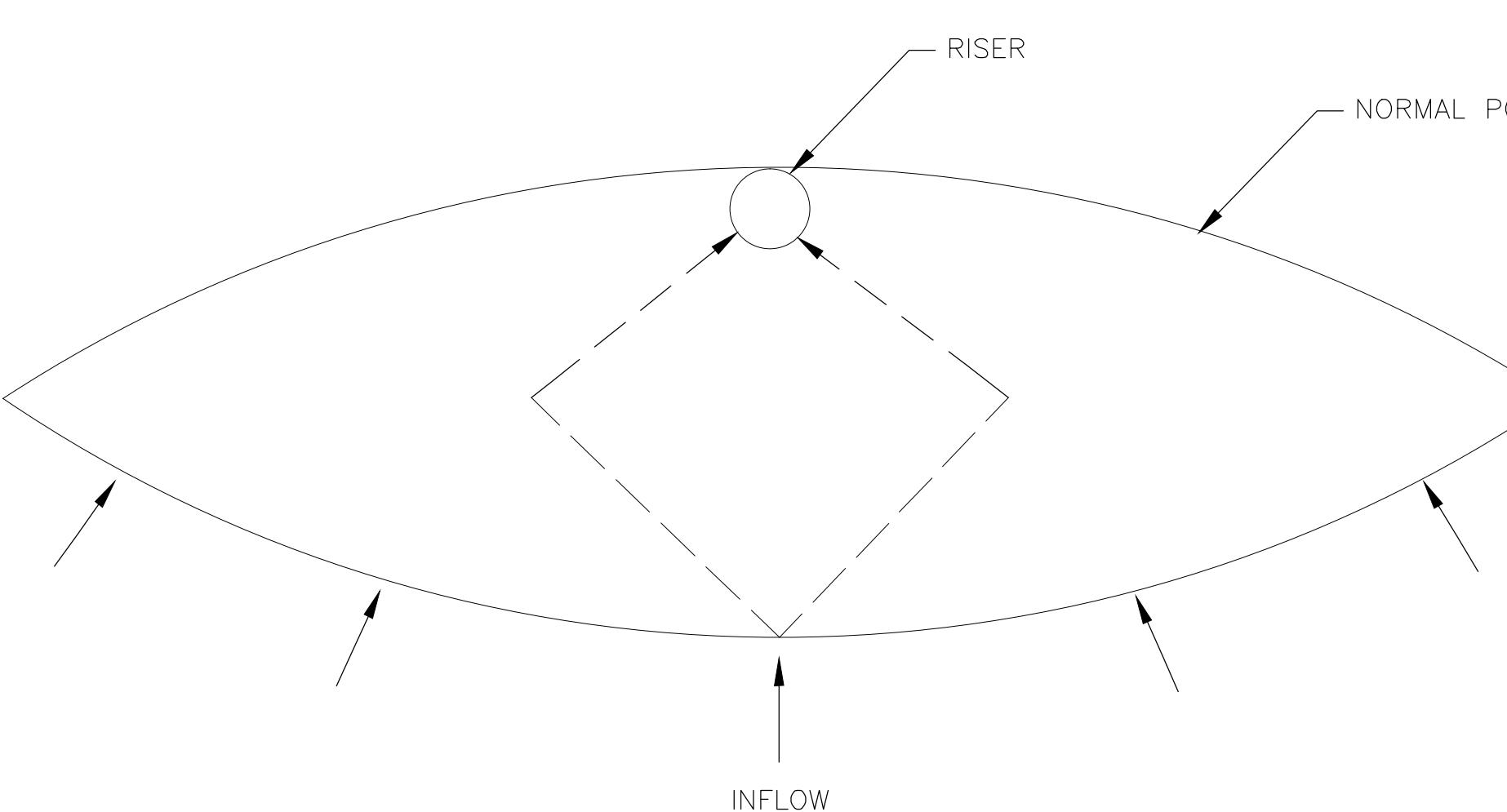
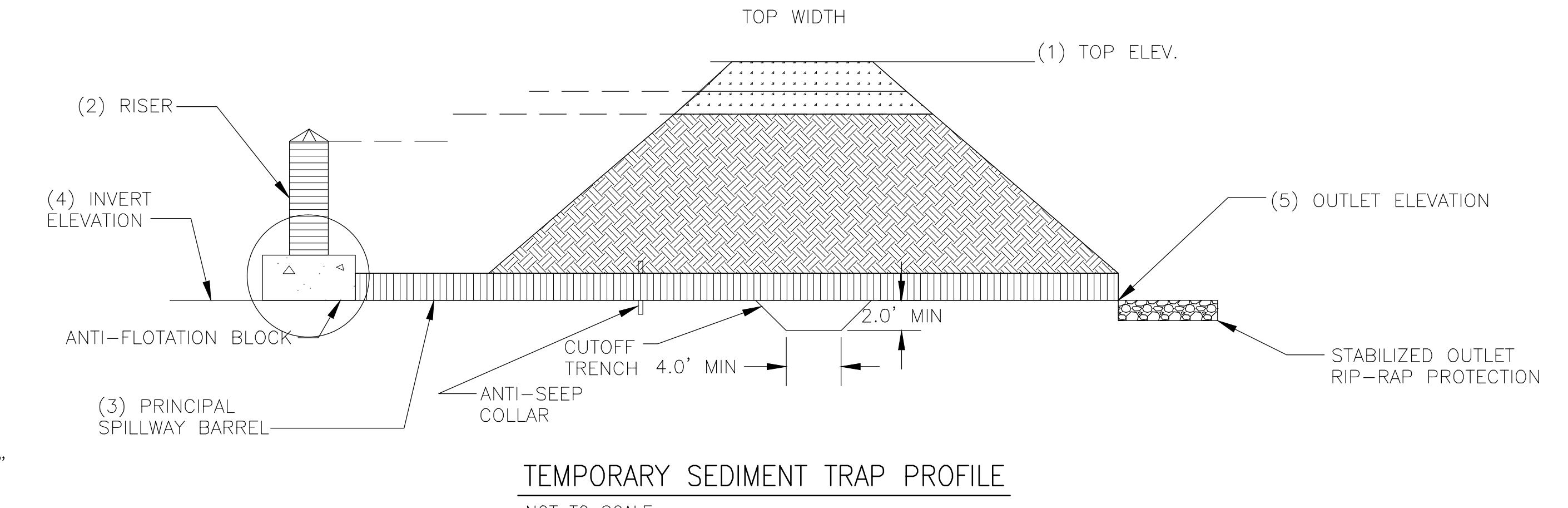
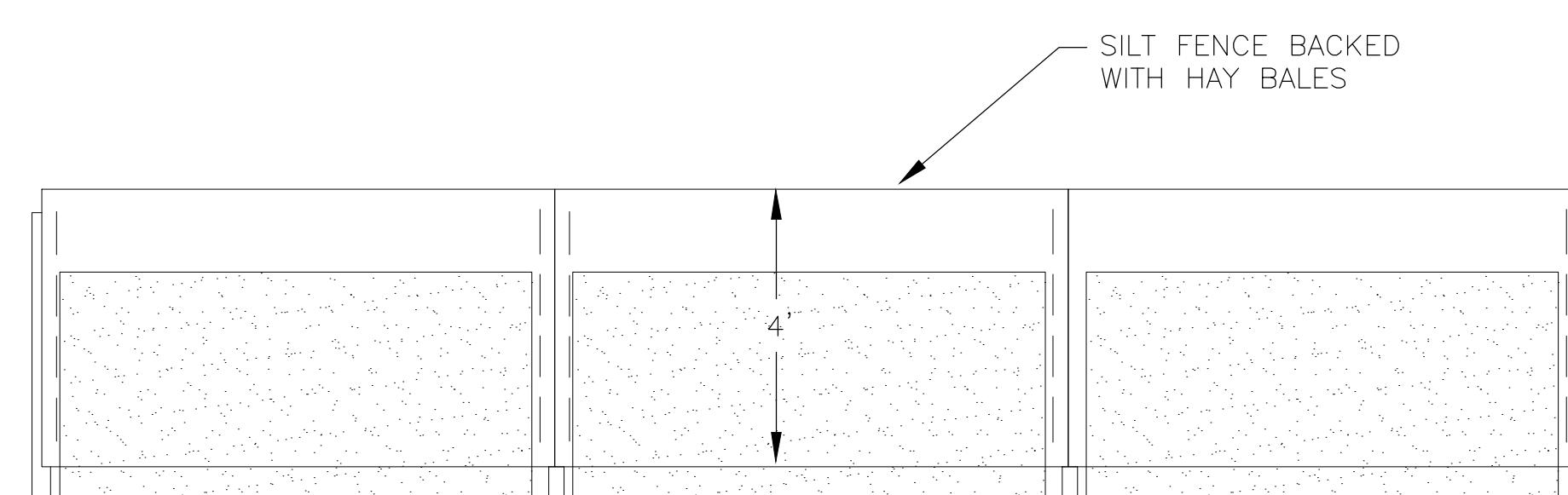
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. ALL SILT FENCE MATERIALS MUST BE LISTED ON THE CURRENT STATES D.O.T. QUALIFIED PRODUCTS LIST.

POSTS: STEEL EITHER T OR U TYPE.
FENCE: WOVEN WIRE, 14 GA 6" MAX. MESH OPENING.
FILTER CLOTH: FILTER X, MIRAFI 100X STABILINKA T140N OR APPROVED EQUAL.
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE OR APPROVED EQUAL.

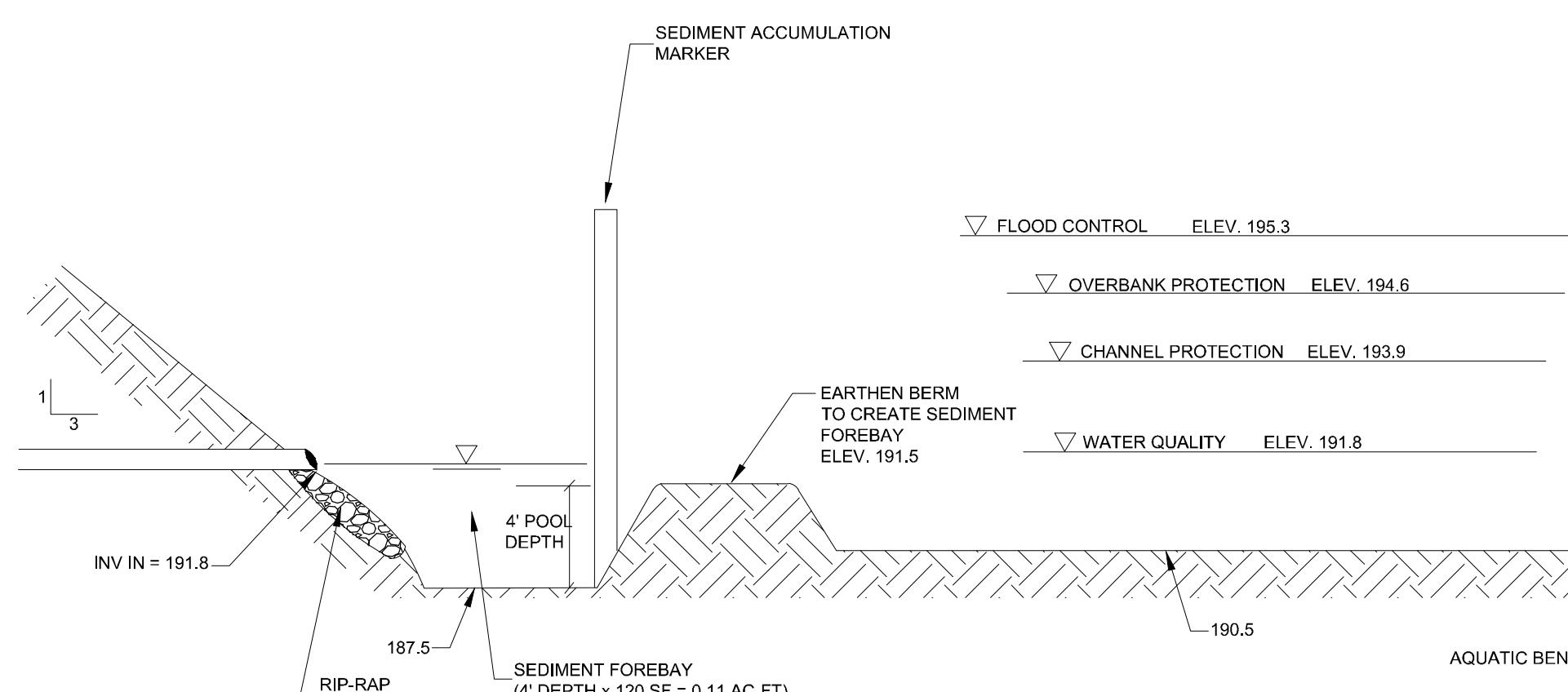


THE PINES AT NORMANSIDE	LEONARD PLACE	TOWN OF BETHLEHEM, NEW YORK
SOIL & EROSION CONTROL DETAILS	AS NOTED	DESIGNED: M.B.T. DRAWN BY: T.A.R. CHECKED: M.B.T.
DATE: 11/07/2011	CME No.: 08-000	SCALE: AS NOTED
C 12		SHEET NUMBER 12 of 13

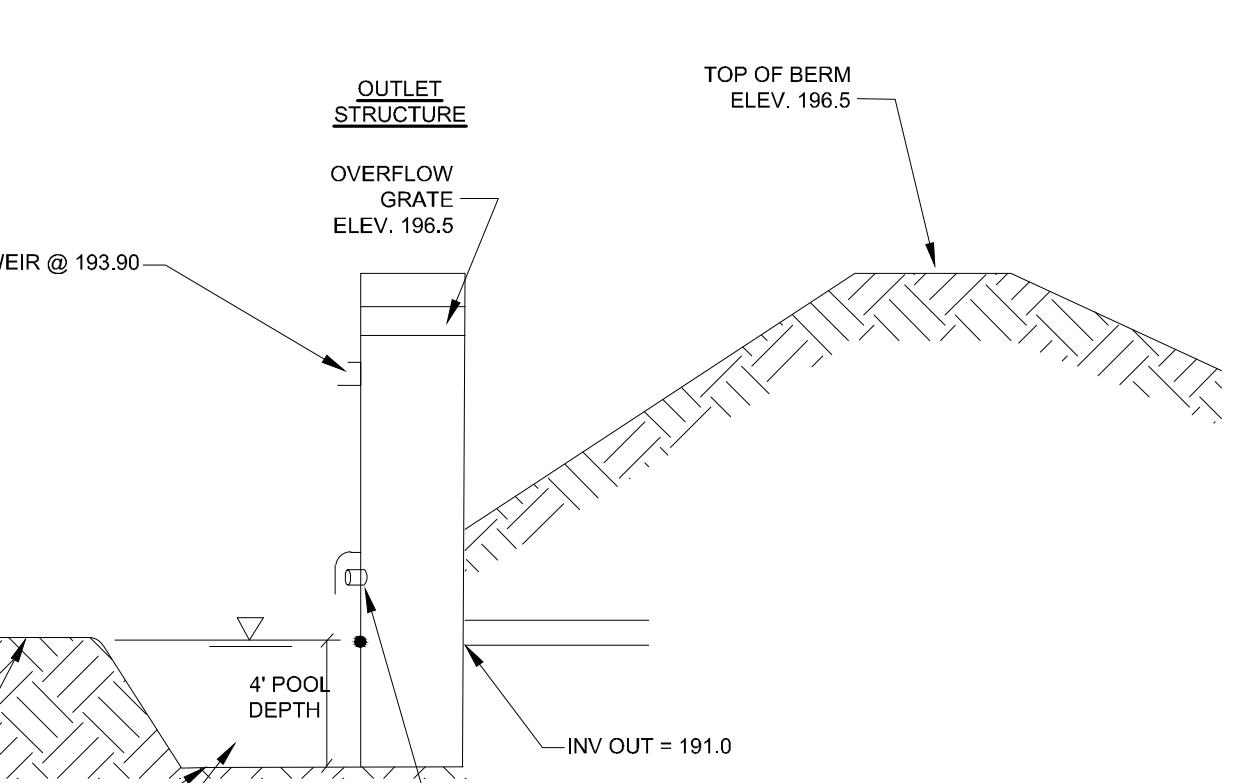
PIPE OUTLET SEDIMENT TRAPS		
	WESTERN TRAP	EASTERN TRAP
1. TOP ELEVATION	197.0	202.0
2. RISER DIAMETER	12"	12"
3. PRINCIPAL SPILLWAY BARREL DIAMETER	12"	12"
4. INVERT ELEVATION	195.5	200.5
5. OUTLET ELEVATION	195.0	198.0
6. DRAINAGE AREA	0.80 AC	0.36 AC
7. STORAGE REQ'D	2880 CF	3240 CF
8. STORAGE PROVIDED	3200 CF	3600 CF
9. DEPTH	1.5 FT	1.5 FT



BAFFLE DETAIL
NOT TO SCALE



SECTION OF MICROPOL EXTENDED DETENTION POND
NOT TO SCALE

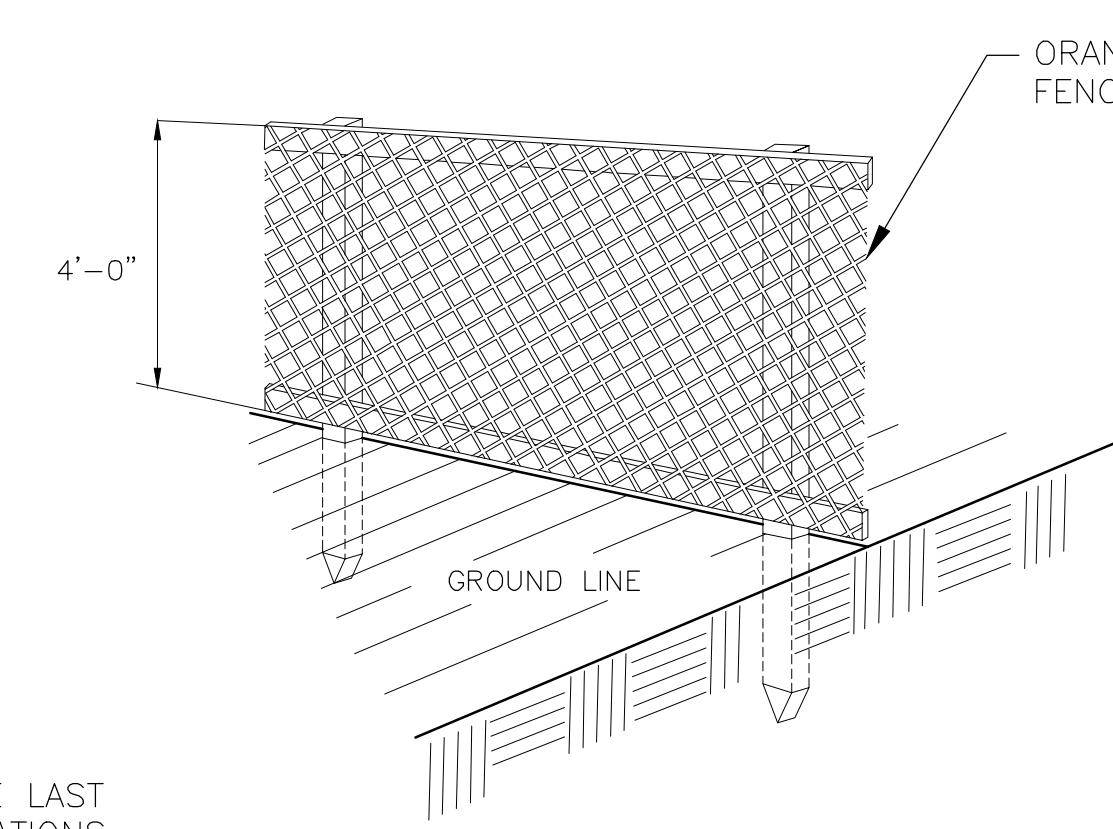


FINAL SUBDIVISION PLANS

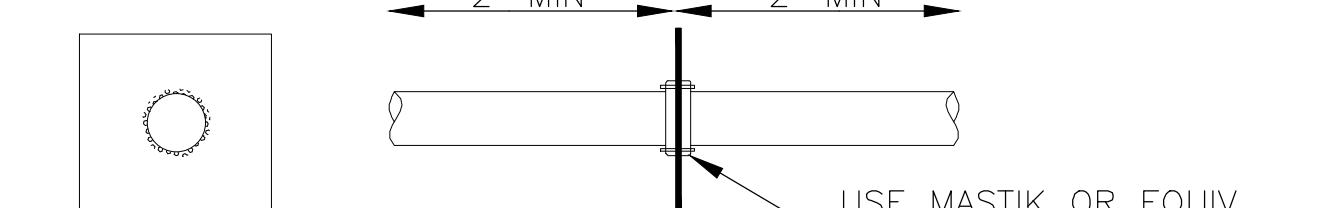
RICHARD BOHL
P.O. BOX 7
GLEMMONT, NEW YORK 12077

NO.	REVISION	DATE	BY
8	Final Submission	11/07/11	MBT
7	Town Rev. Comments	06/02/11	MBT
6	Town Rev. Comments	03/08/11	MBT
5	Town Rev. Comments	01/21/11	MBT
4	Town Rev. Comments	12/01/10	MBT
3	Town Rev. Comments	09/30/10	MBT
2	Town Rev. Comments	05/14/10	MBT
1	Town Comments	02/10/09	MBT

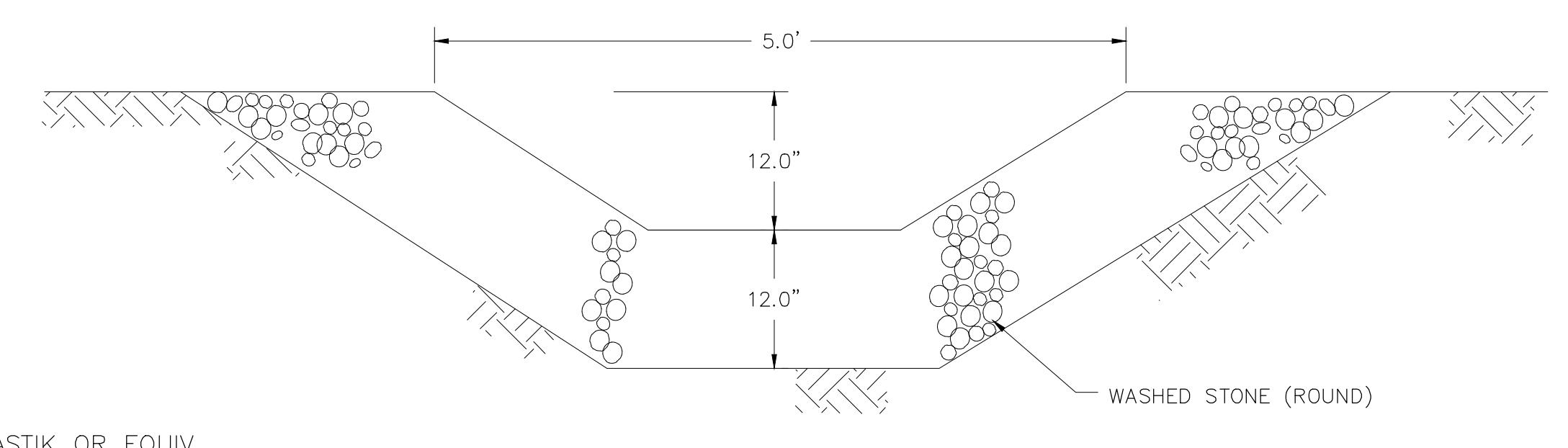
TEMPORARY SEDIMENT TRAP
NOT TO SCALE



CONSTRUCTION FENCE DETAIL
NOT TO SCALE

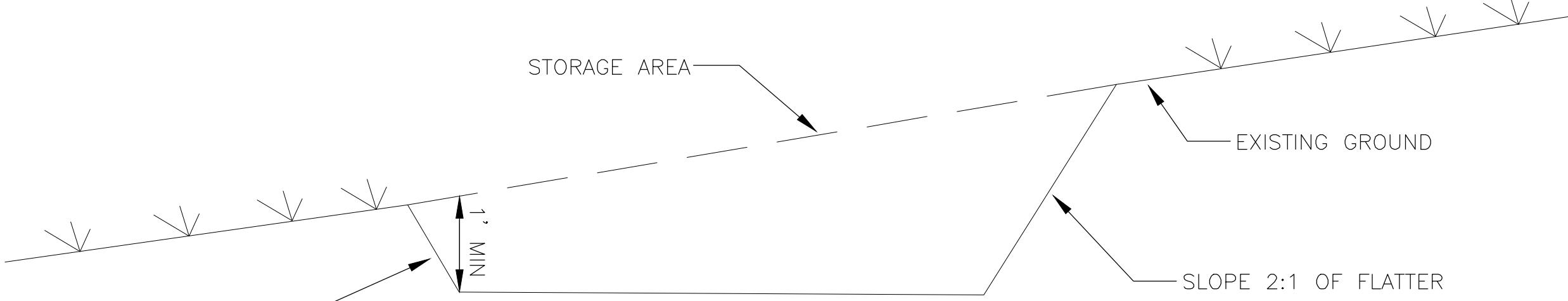


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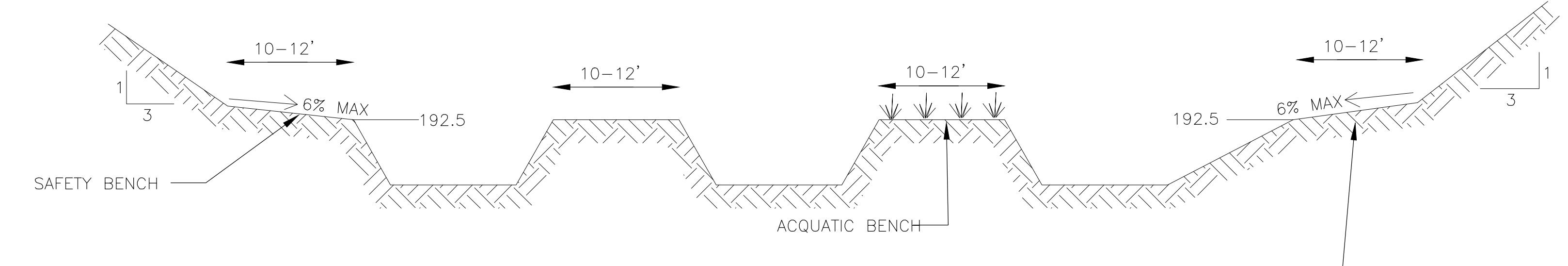


STONE-LINED PILOT CHANNEL DETAIL

TYPICAL ANTI-SEEP COLLAR WELDED IN PLACE ON BARREL SECTION
NOT TO SCALE



TEMPORARY DIVERSION SWALE PROFILE
NOT TO SCALE



SAFETY BENCH SECTION
NOT TO SCALE



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