

- GENERAL NOTES:
1. THERE ARE NO STORMWATER "HOT SPOT" USES PROPOSED AT THIS SITE. ANY FUTURE "HOT SPOT" USES ON THE PROPERTY, AS DEFINED IN THE NYSIC STORMWATER MANAGEMENT DESIGN MANUAL, MUST COMPLY WITH ALL APPLICABLE WATER QUALITY REQUIREMENTS FOR THE "HOT SPOT" AS SPECIFIED IN THE NYSIC.
 2. THE OWNERSHIP AND MAINTENANCE OF THE PROPOSED PRIVATE SANITARY SEWER SYSTEM INCLUDING ALL FORCE MAINS ON THE SITE SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER(S) OF THE LOT(S).
 3. THE GRADING AND UTILITY LEGEND SEE DRAWING 3.

RECEIVED
MAY 5 2021
STUART STROW
PROFESSIONAL ENGINEER
NYS REG. NO. 66676

BROOKER ENGINEERING, P.C.
PROFESSIONAL ENGINEERS AND LAND SURVEYORS
LAND DEVELOPMENT - WATERWORKS - SITEWORK
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**AMENDED FINAL SITE PLAN FOR
HILLSIDE COMMERCIAL PARK
TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK**

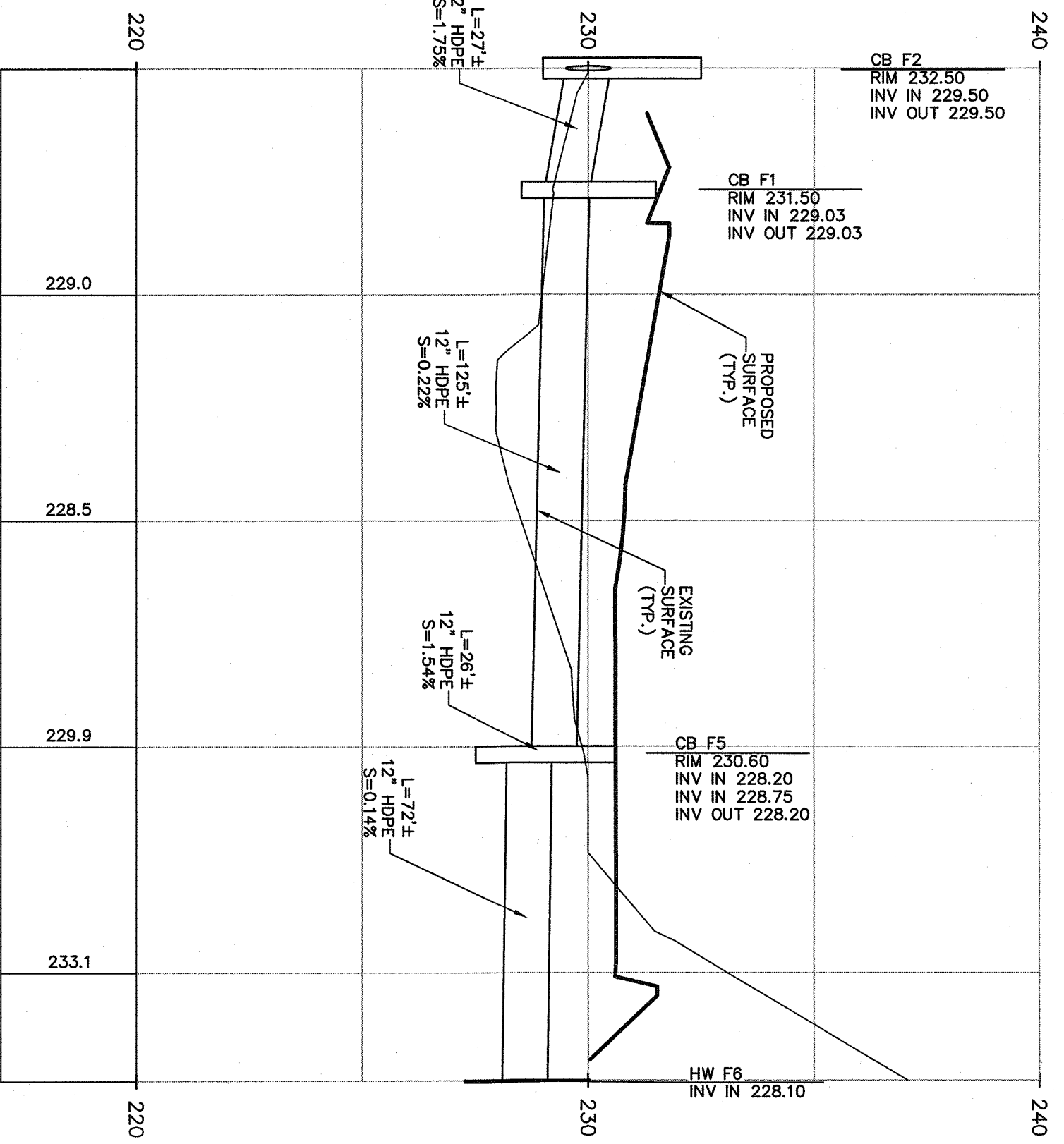
**GRADING AND UTILITY
PLAN (1 OF 2)**

PROJECT NO.	DRAWN	CHECKED
21044	JD	SS

SCALE: 1"=30'
GRAPHIC SCALE

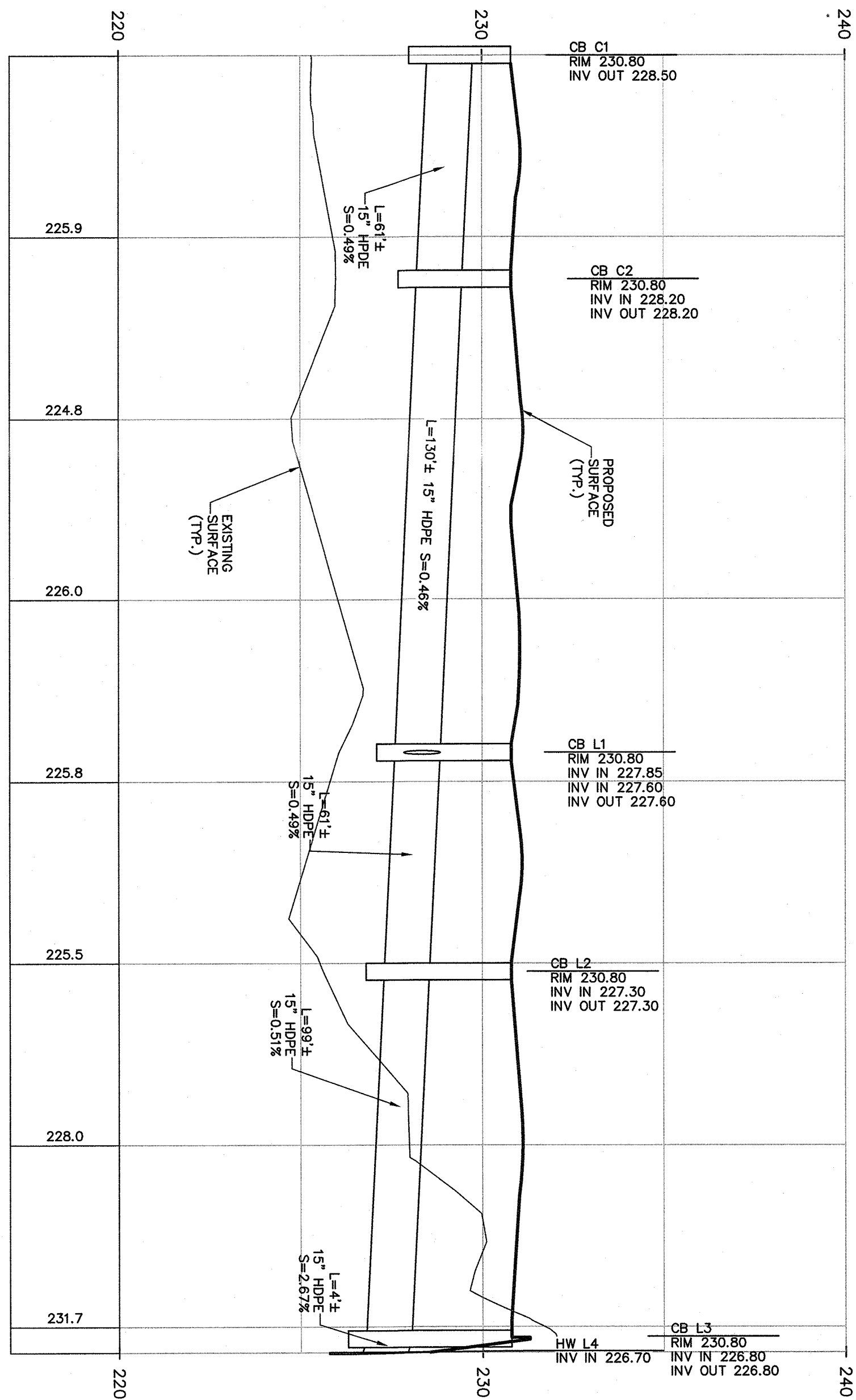
DATE: 04/30/2021
DRAWING NO.: 2

REVISION	DESCRIPTION	BY	DATE
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2	AMENDED FINAL SITE PLAN	JD	04/30/2021

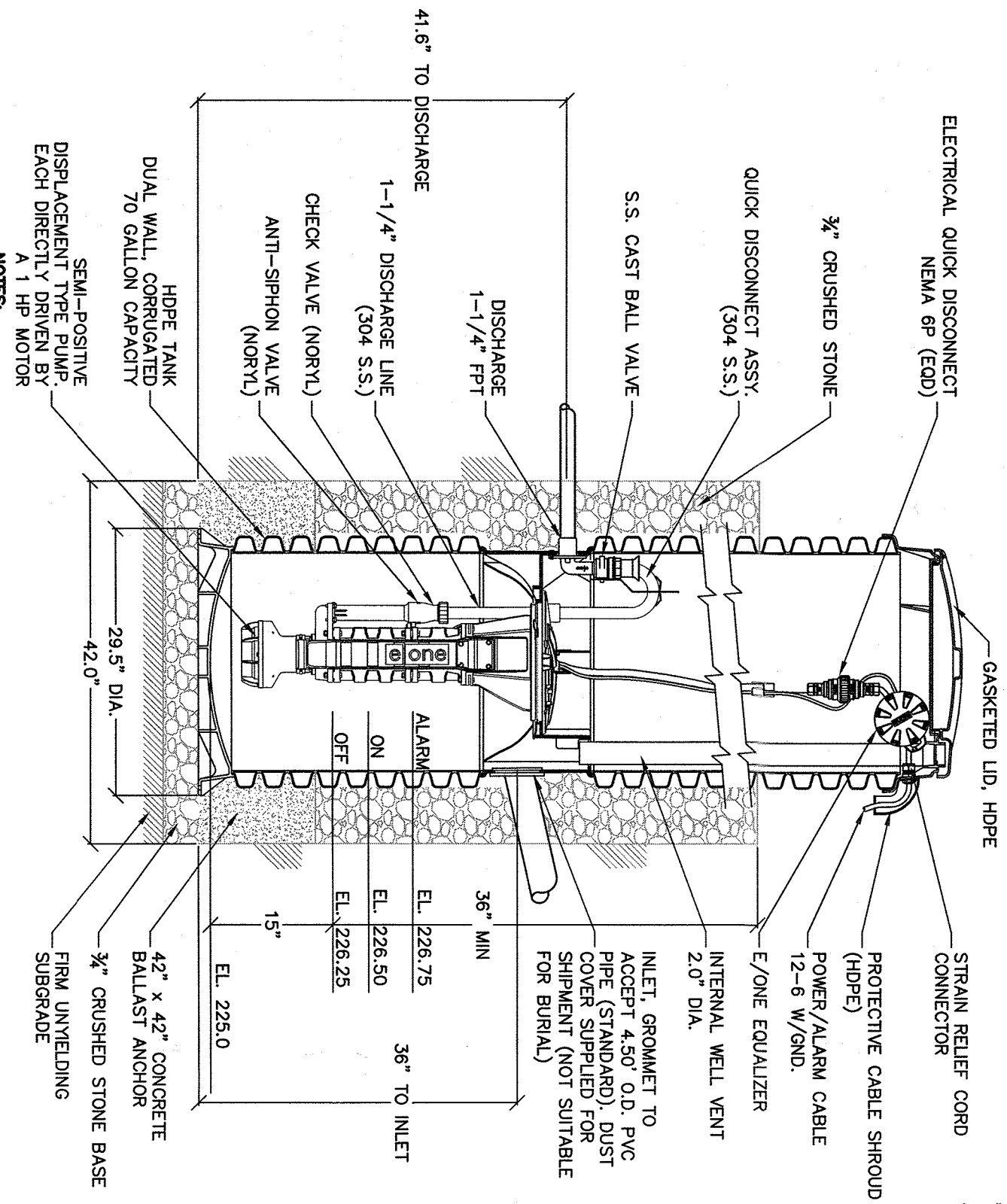


PROFILE - STORM CB F2 TO HW F6
SCALE: HORIZ. 1"=30'
SCALE: VERT. 1"=3'

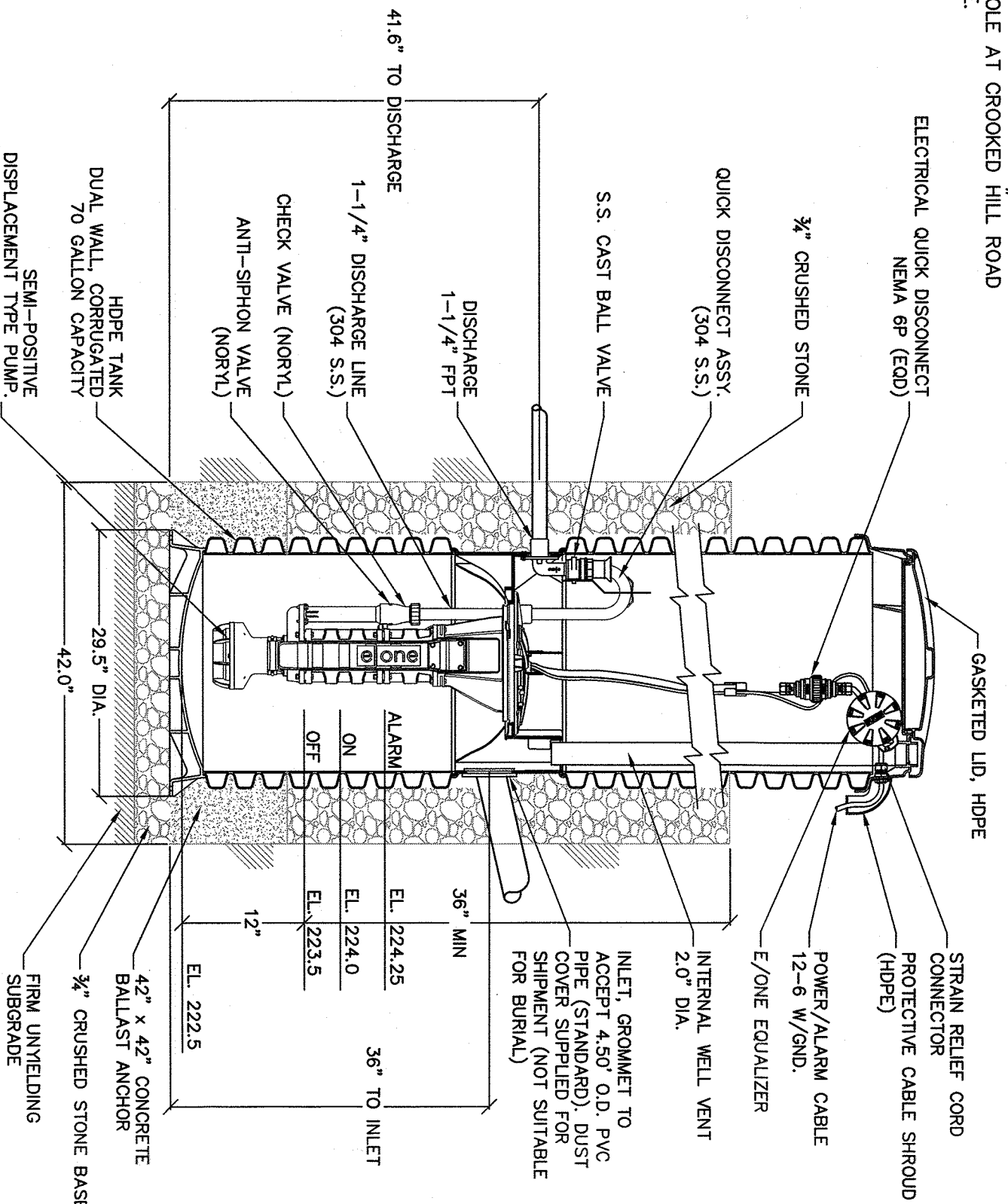
NOTE:
1. THE OWNERSHIP AND MAINTENANCE OF THE PROPOSED PRIVATE SANITARY SEWERS SYSTEM SHALL BE THE RESPONSIBILITY OF THE TOWN OF ORANGETOWN. THE TOWN OF ORANGETOWN SHALL MAINTAIN ALL TOWNING STATIONS (S), GRAVITY FORCE MAINS (G) ON THE SITE SHALL BE THE SOLE RESPONSIBILITY OF THE TOWN OF ORANGETOWN. THE TOWN OF ORANGETOWN SHALL MAINTAIN ALL TOWNING STATIONS (S), GRAVITY FORCE MAINS (G) ON THE SITE SHALL BE THE SOLE RESPONSIBILITY OF THE TOWN OF ORANGETOWN. THIS SHALL INCLUDE THE FORCE MAIN RUNNING FROM THE PROPOSED PUMPING STATION #3 TO THE AND RAILROAD AVENUE.



PROFILE - STORM CB C1 TO HW L4
SCALE: HORIZ. 1"=30'
SCALE: VERT. 1"=3'



EJECTOR SEWER PUMP #1 DETAIL
N.T.S.



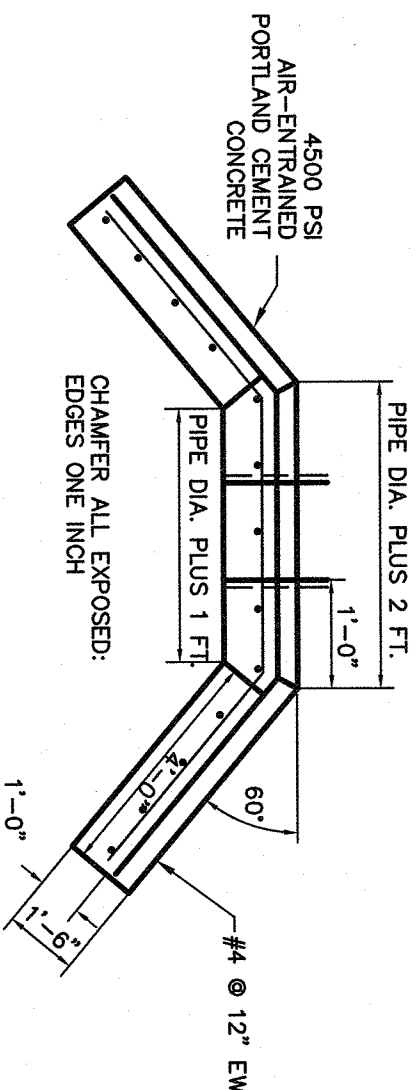
EJECTOR SEWER PUMP #2 DETAIL
N.T.S.

REV	DESCRIPTION	BY	DATE

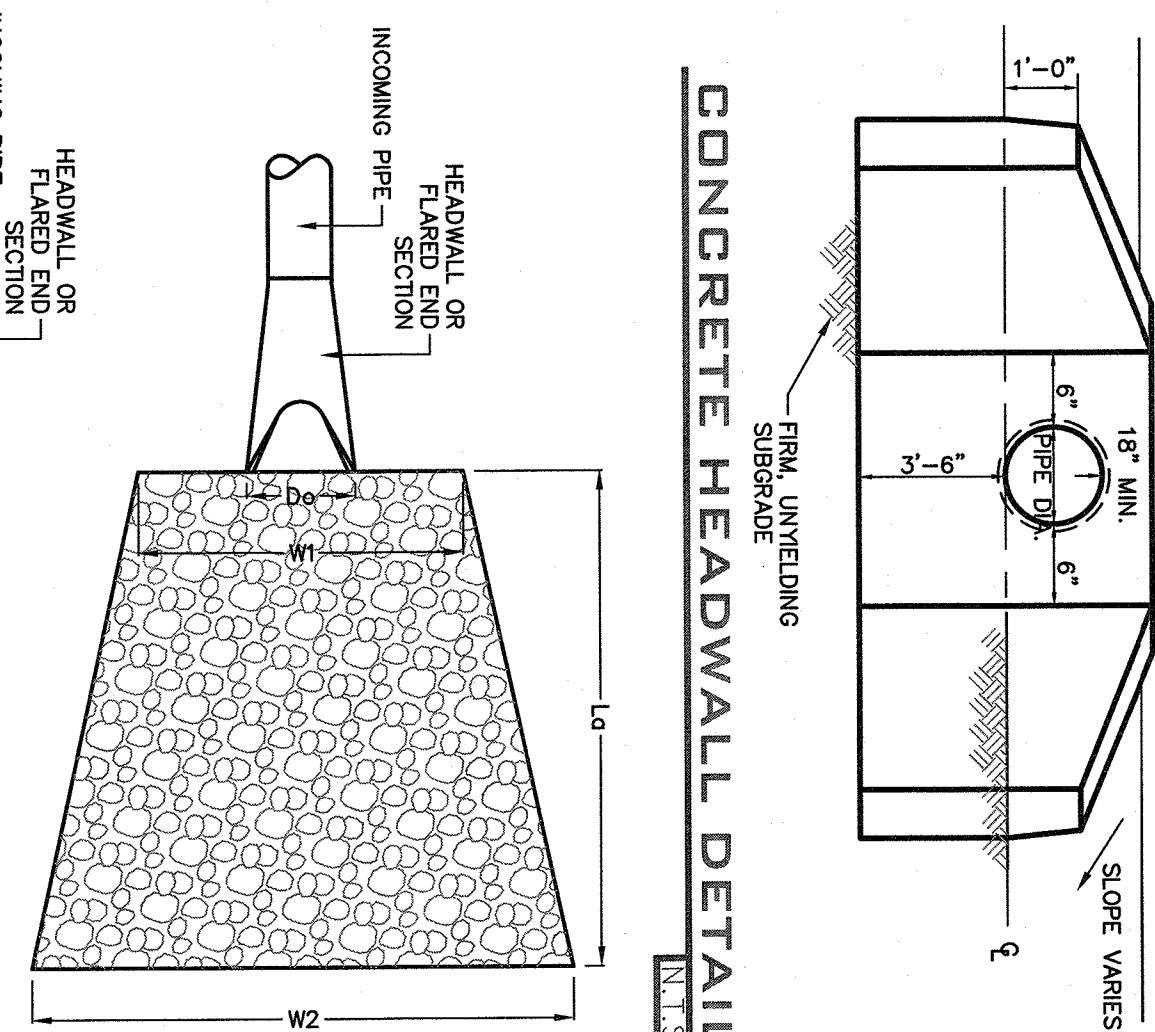
BROOKER ENGINEERING, PLLC
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74 Lafayette Avenue, Suite 501 | 65 North Ave., 2nd Floor, Suite 208
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PROJECT:
**AMENDED FINAL SITE PLAN FOR
HILSIDE COMMERCIAL PARK**
TOWN OF ORANGETOWN
ROCKLAND COUNTY, NEW YORK
TITLE:
**DRAINAGE PROFILES &
PUMP STATION DETAILS**

PROJECT NO:	DRAWN:	CHECKED:
21044	JO	SS
SCALE:	AS SHOWN	
DATE:	04/30/2021	DRAWING NO:
		9



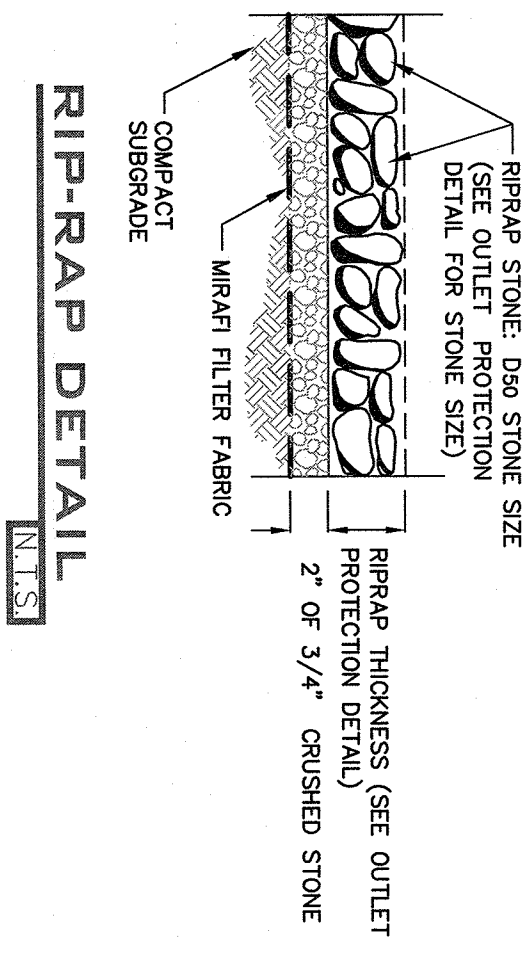
CONCRETE HEADWALL DETAIL



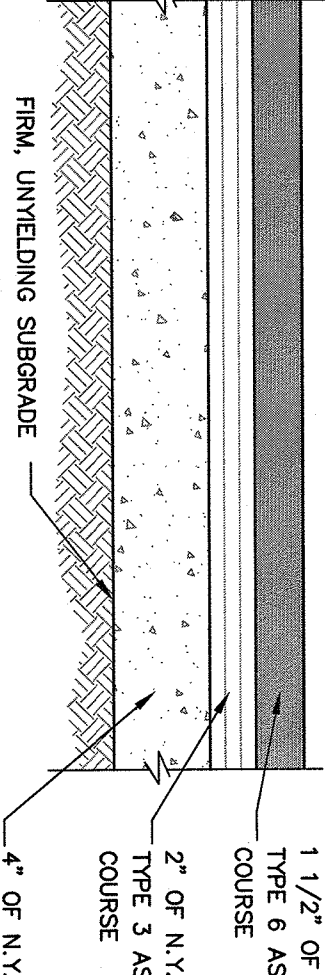
STANDARD STORM MANHOLE DETAIL

- NOTES:
1. MANHOLE TO CONFORM TO ASTM A272 (STEEL PIPE).
 2. MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MNC STANDARD SPECIFICATIONS.
 3. MANUFACTURER SHALL CERTIFY ALL COMPONENTS MANHOLE FOR HSDO LOADING.
 4. RISE SECTION JOINTS SHALL BE FIELD-WELDED.

RIP-RAP OUTLET PROTECTION DETAIL



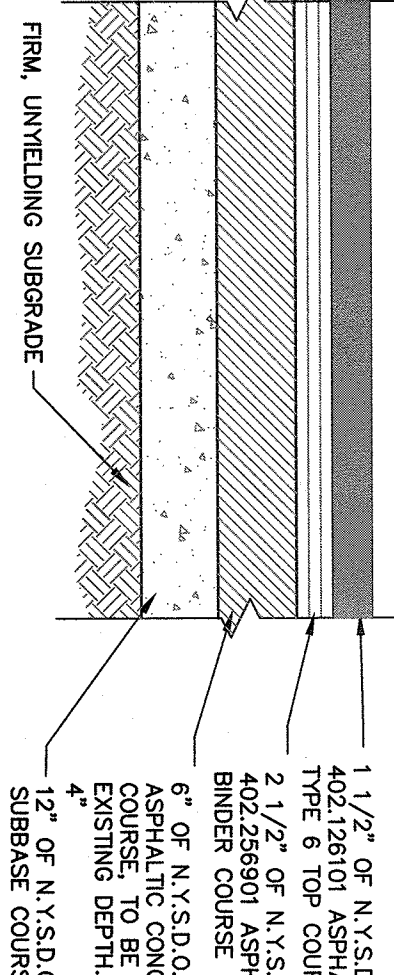
RIP-RAP DETAIL



DETAIL-PAVEMENT SECTION

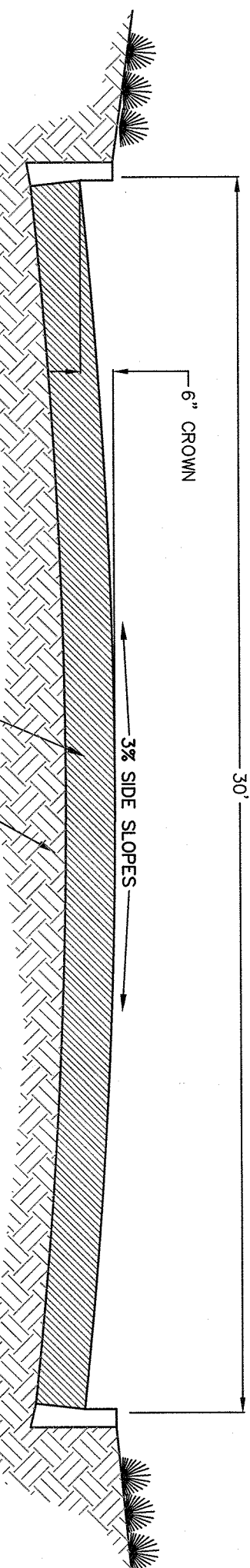
NOTES:

1. THIS DETAIL IS ONLY FOR PAVEMENT WITHIN THE PARKING LOT ON THE PROJECT SITE. IT IS NOT TO BE USED FOR PAVEMENT WITHIN THE RIGHT-OF-WAY OR FOR PAVEMENT WITHIN THE RIGHT-OF-WAY OF ANOTHER PROJECT.
2. PAVEMENT SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ALL NYSOT STANDARDS AND SPECIFICATIONS.

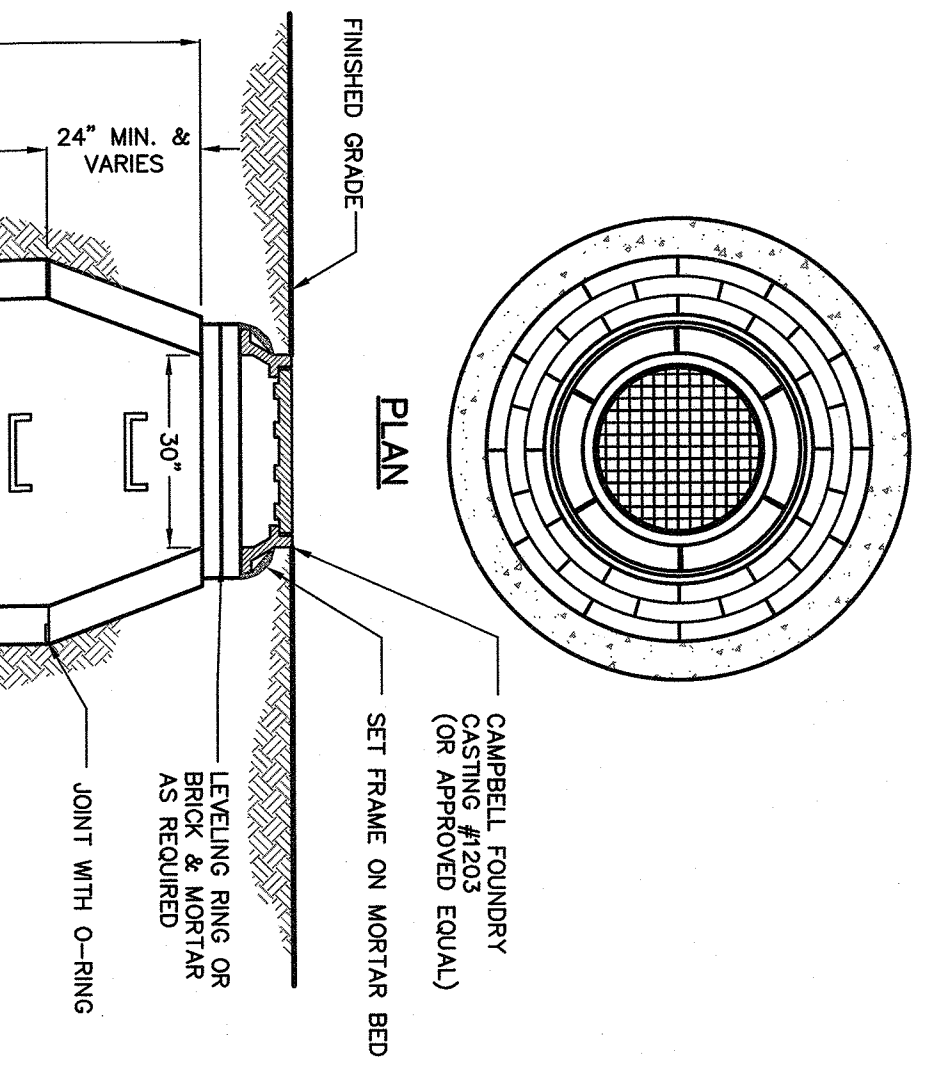


PAVEMENT SECTION WITHIN N.Y.S.D.O.T. RIGHT-OF-WAY

- NOTES:
1. JACK COAT SHALL BE APPLIED TO ALL EXPOSED EDGES AND BETWEEN EVERY LIFT.
 2. MINIMUM DEPTH OF NEW PAVEMENT CROSS-SECTION MUST MEET DEPTH OF EXISTING PAVEMENT.

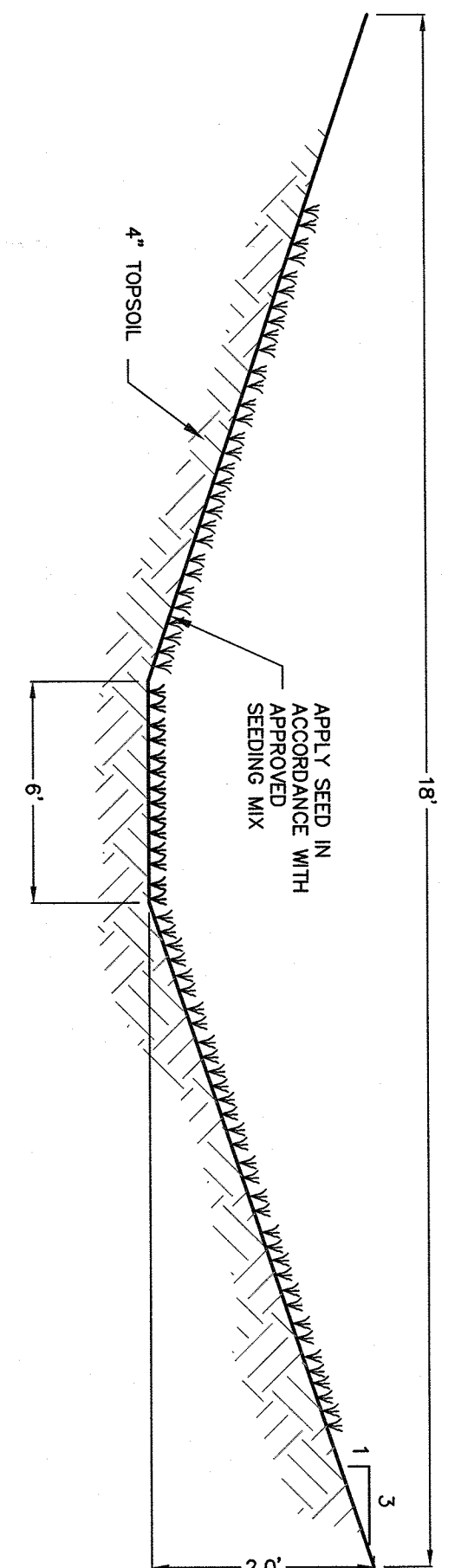


DETAIL-TYPICAL ROADWAY CROSS SECTION



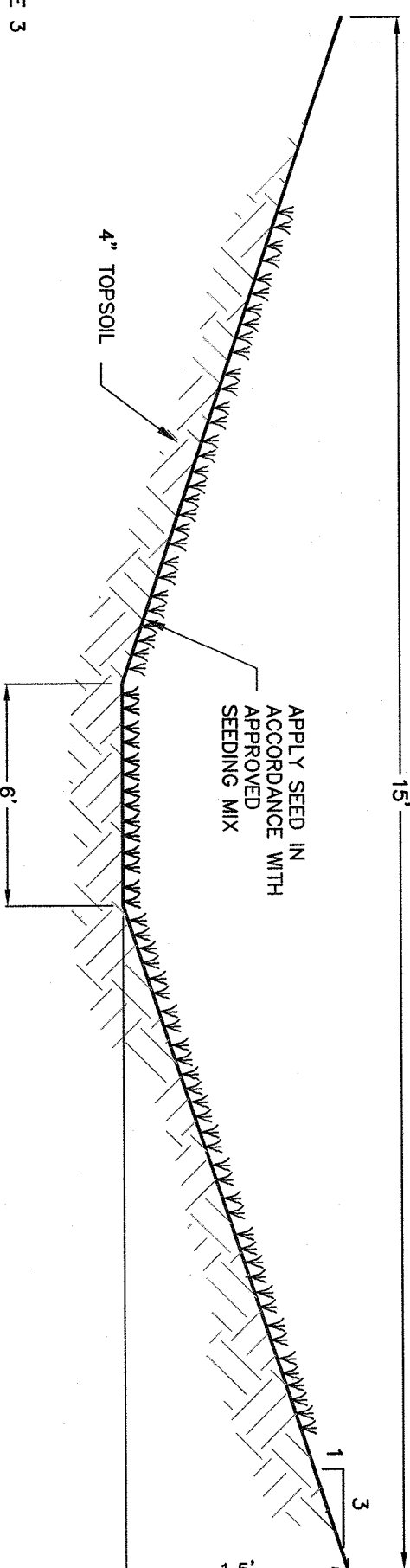
SECTION

- NOTES:
1. MANHOLE TO CONFORM TO ASTM A272 (STEEL PIPE).
 2. MANHOLE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MNC STANDARD SPECIFICATIONS.
 3. MANUFACTURER SHALL CERTIFY ALL COMPONENTS MANHOLE FOR HSDO LOADING.
 4. RISE SECTION JOINTS SHALL BE FIELD-WELDED.



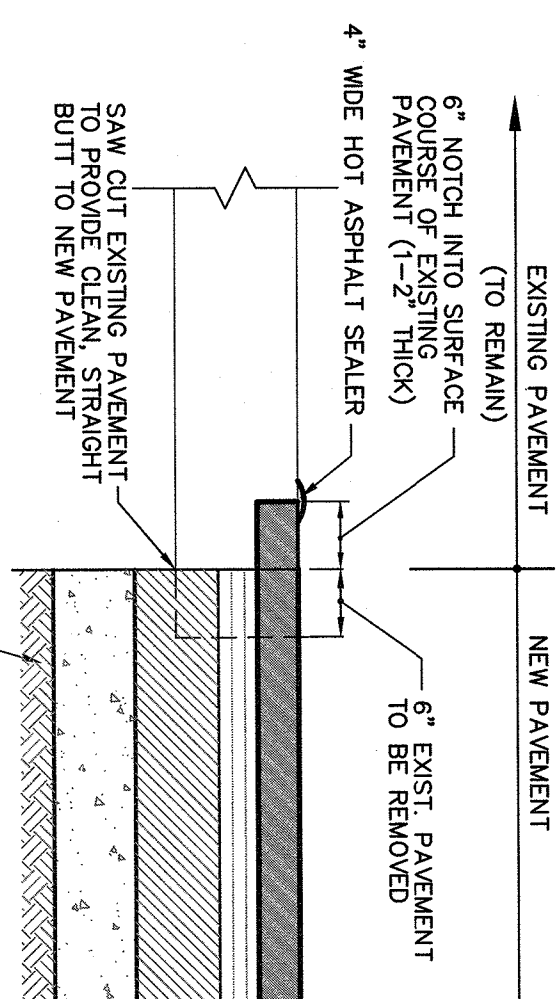
VEGETATED SWALE #1 DETAIL

- NOTE:
1. HOW AS REQUIRED TO MAINTAIN GRASS HEIGHT AT 4" TO 6".
 2. REMOVE SEDIMENT OR DEBRIS BY HAND WHEN DEPTH REACHES 2".



VEGETATED SWALE #2 DETAIL

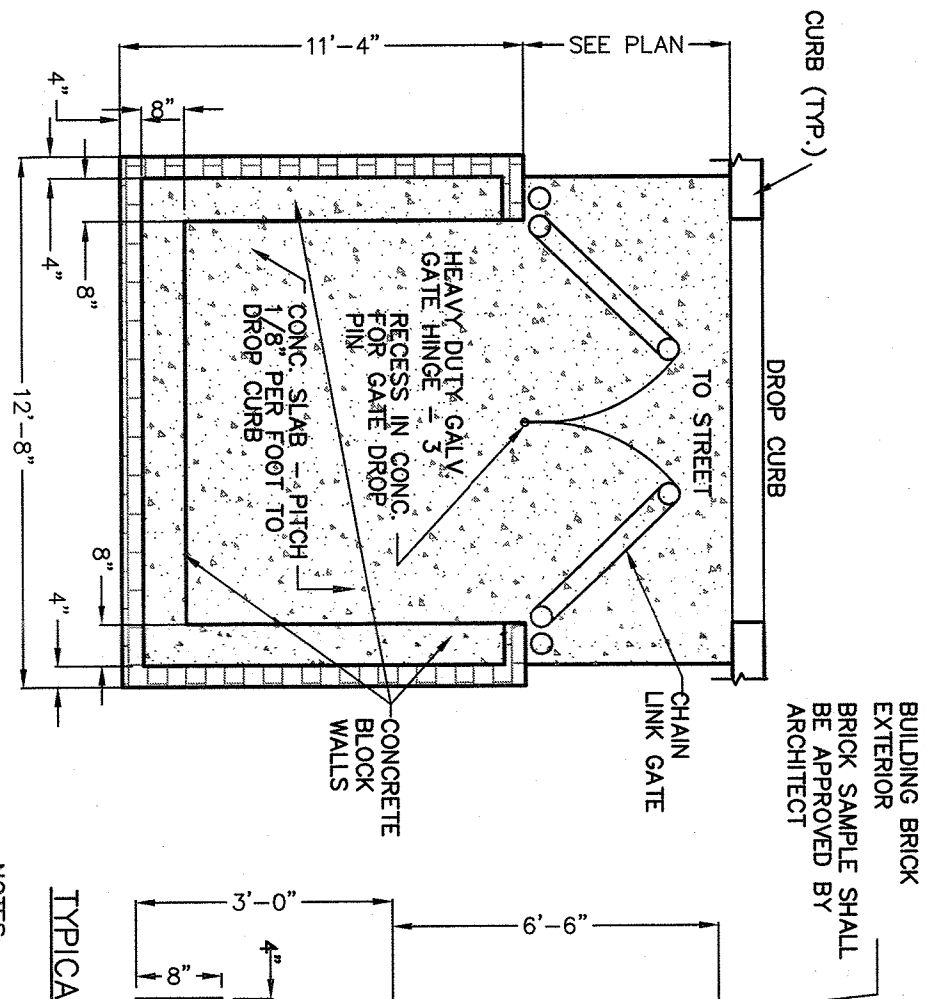
- NOTE:
1. HOW AS REQUIRED TO MAINTAIN GRASS HEIGHT AT 4" TO 6".
 2. REMOVE SEDIMENT OR DEBRIS BY HAND WHEN DEPTH REACHES 2".



PAVEMENT BUTTING DETAIL

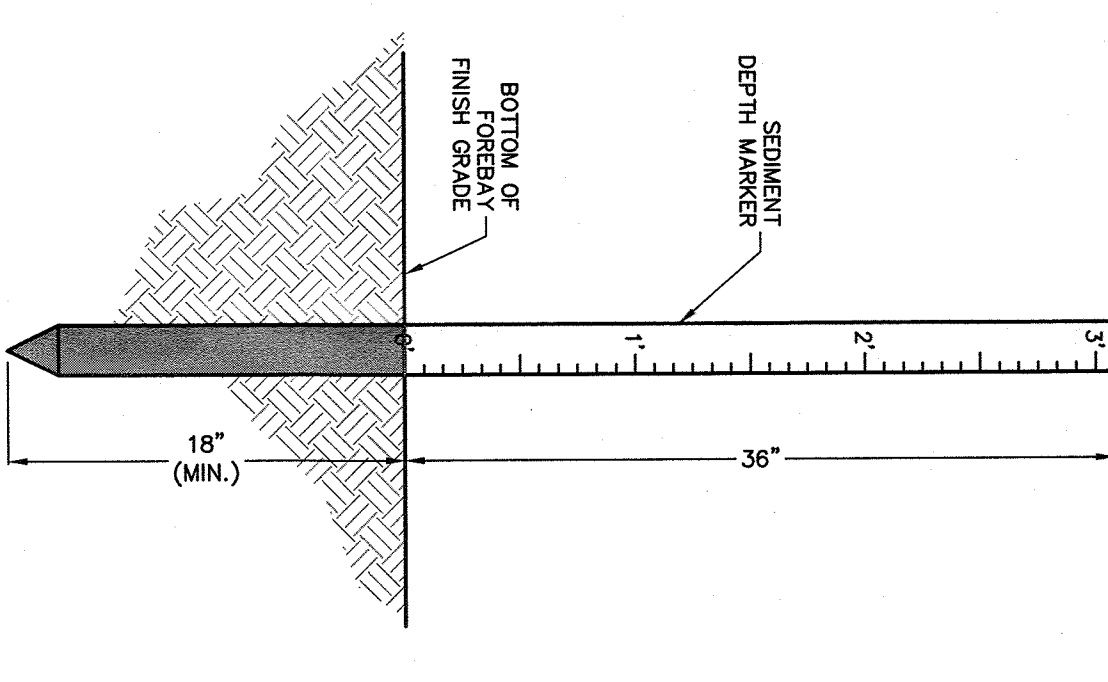
NOTES:

1. THIS DETAIL IS ONLY FOR PAVEMENT BUTTING FOR PARKING LOTS WITHIN THE PROJECT SITE. IT IS NOT TO BE USED FOR PAVEMENT WITHIN THE RIGHT-OF-WAY OR FOR PAVEMENT WITHIN THE RIGHT-OF-WAY OF ANOTHER PROJECT.
2. PAVEMENT SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ALL NYSOT STANDARDS AND SPECIFICATIONS.

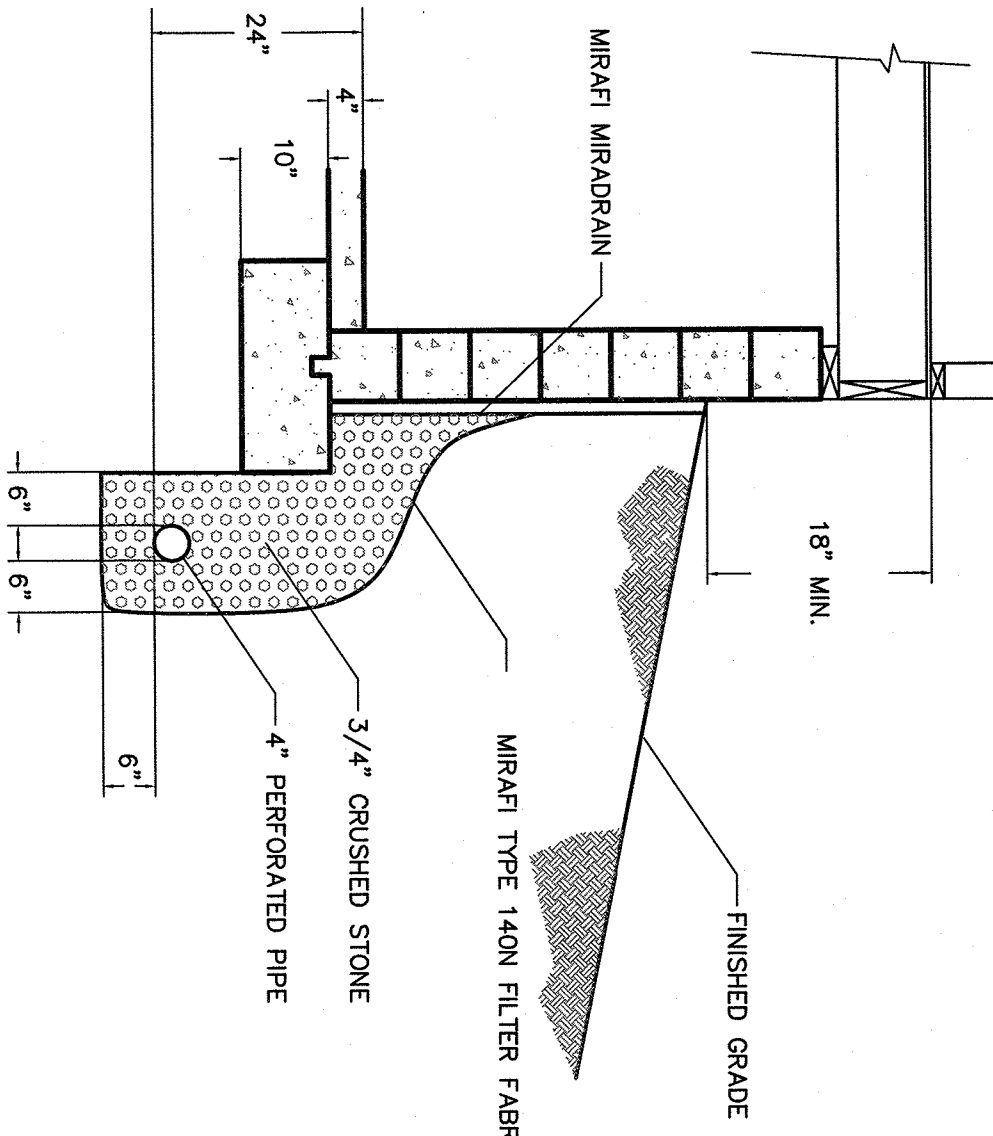


DETAIL-REFUSE CONTAINMENT STRUCTURE

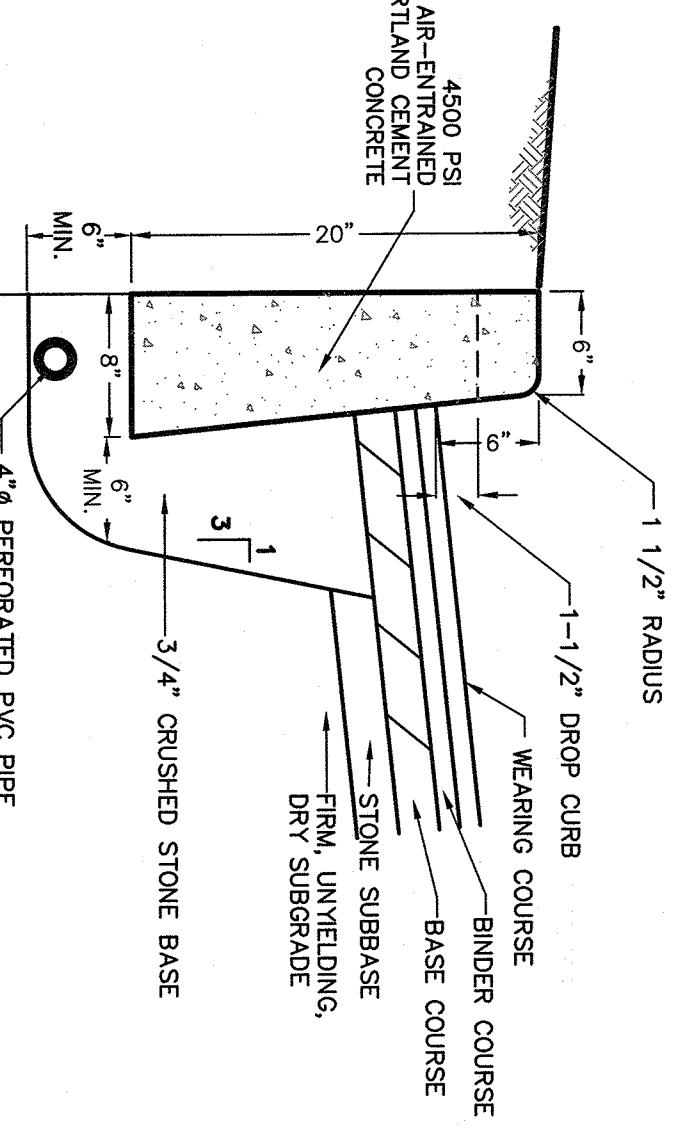
- NOTES:
1. ALL FASTENINGS SHALL BE GALVANIZED STEEL.
 2. SPILL-FACE DECORATIVE BLOCK MAY BE USED IN LIEU OF SAMPLE OF SPILL-FACE BLOCK.



FOREBAY SEDIMENT DEPTH MARKER DETAIL

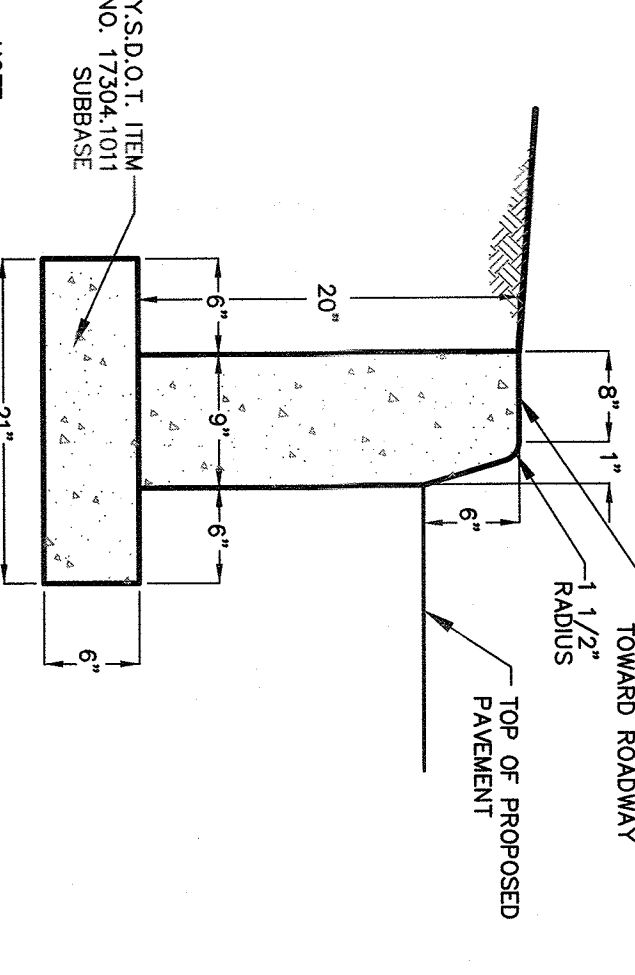


FOOTING DRAIN DETAIL

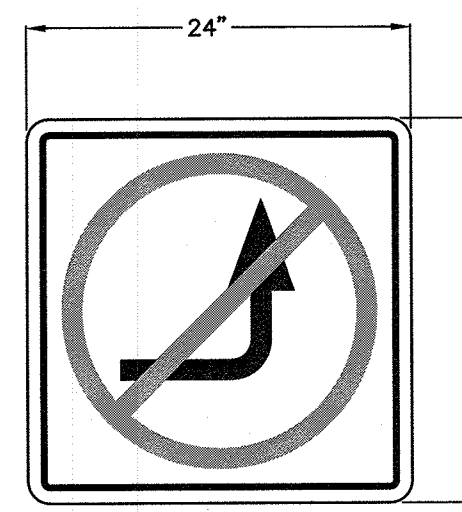


CONCRETE CURB DETAIL

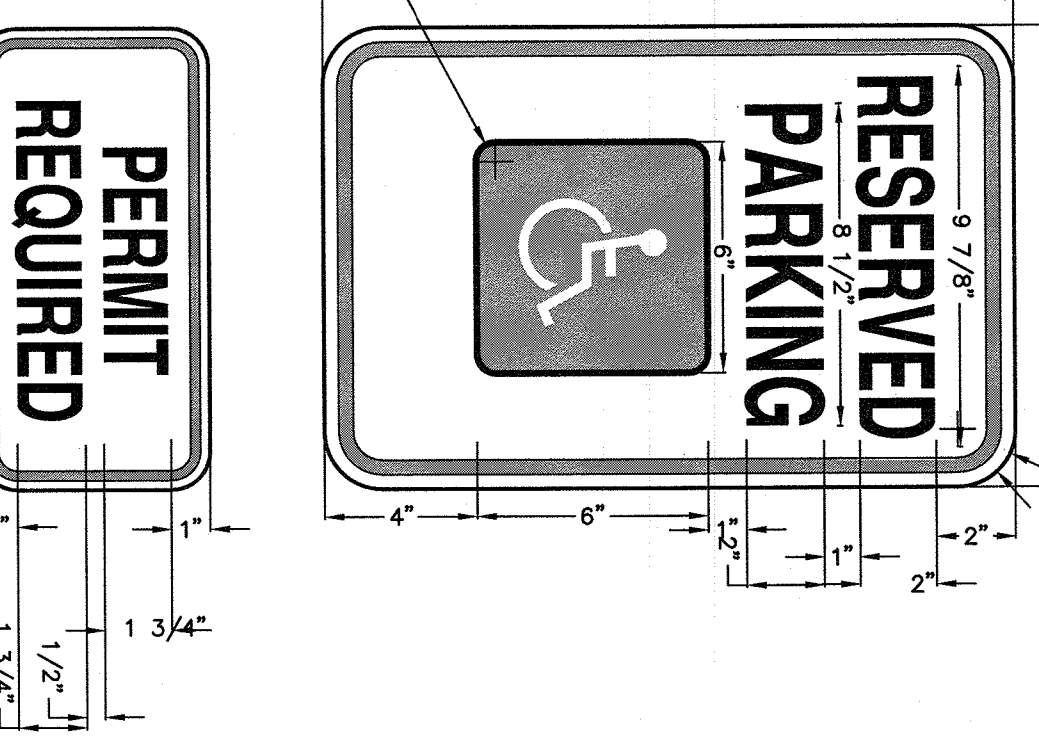
- NOTES:
1. CURB SHALL BE CAST IN PLACE.
 2. EXPANSION JOINTS OF 3/16" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT TEN FOOT INTERVALS TO FULL DEPTH OF CURB.



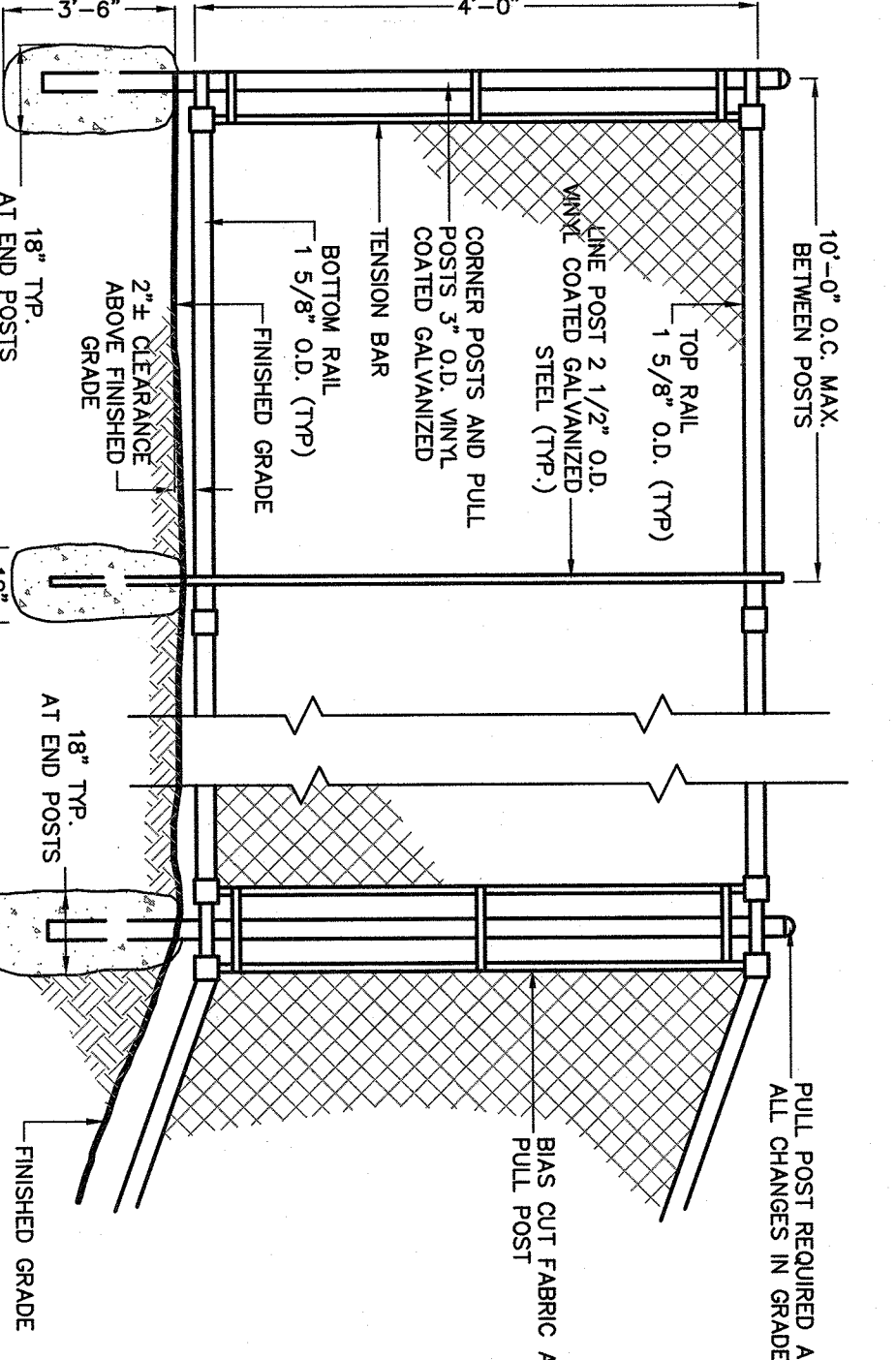
DETAIL-"NO RIGHT TURN" SIGN



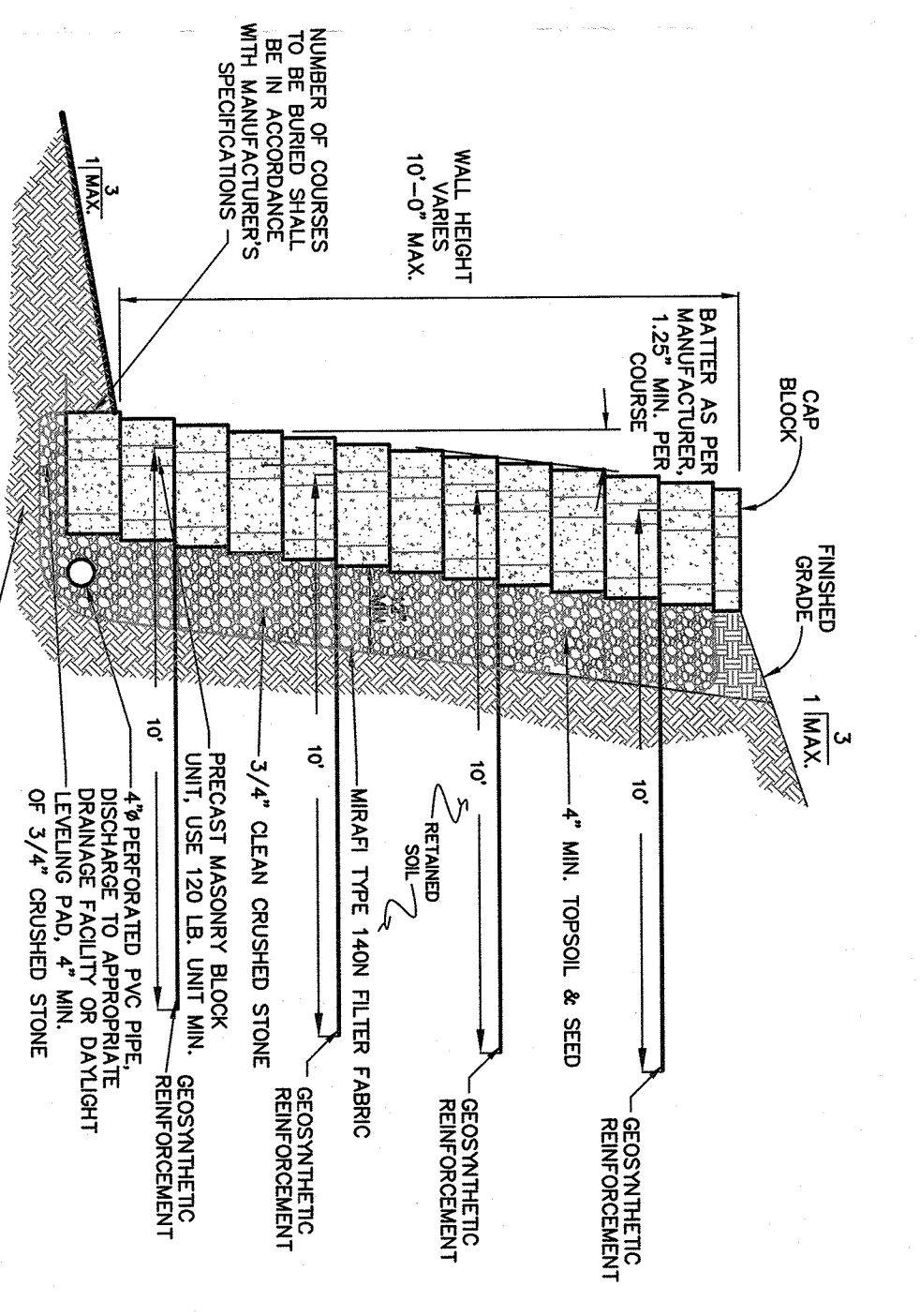
DETAIL-"NO LEFT TURN" SIGN



DETAIL-"HANDICAPPED SPACE" SIGN

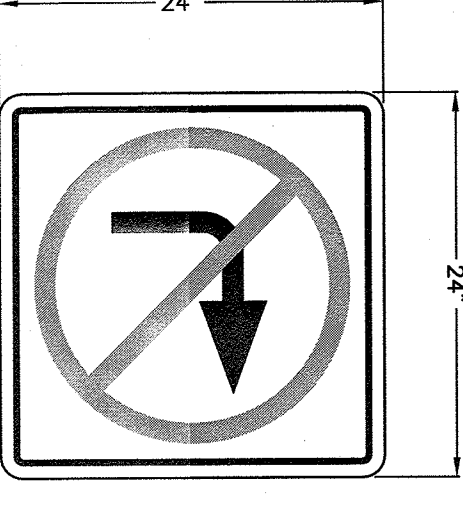


DETAIL-CHAIN LINK FENCE

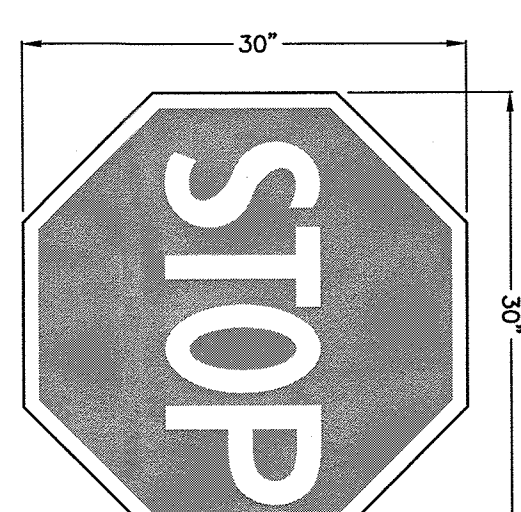


PRECAST MASONRY BLOCK RETAINING WALL DETAIL

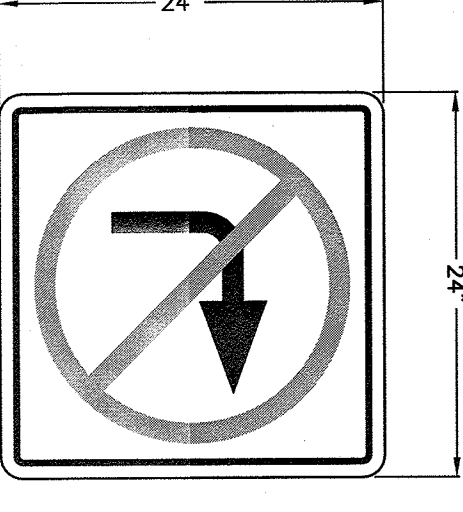
- NOTES:
1. MATERIALS AND CONSTRUCTION SHALL BE AS SPECIFIED BY TESO-BLOC OR APPROVED EQUAL.
 2. EMBEDMENT DEPTH OF GEOSYNTHETIC EARTH REINFORCEMENT AS PER SPECIFICATIONS OF WALL MANUFACTURER.
 3. WALL TO BE DESIGNED TO SUPPORT H-20 LOADING CONDITIONS.
 4. SOIL CONDITIONS AND BEARING CAPACITY TO BE VERIFIED BY ENGINEER PRIOR TO CONSTRUCTION.
 5. BLOCK COLOR SHALL BE BROWN.



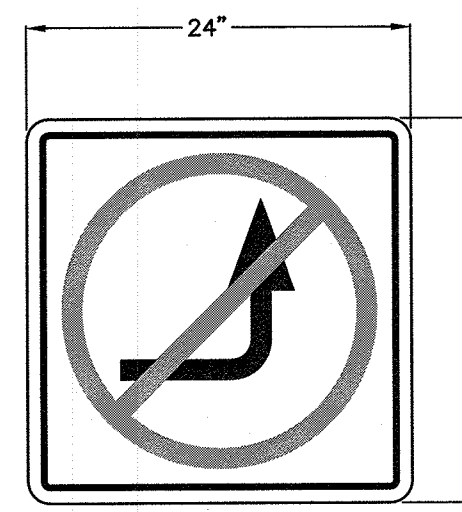
DETAIL-"STOP" SIGN



DETAIL-"R1-1" SIGN



R3-2



R3-1

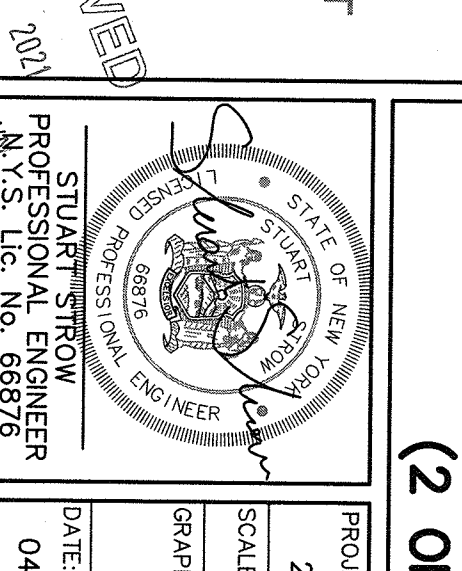
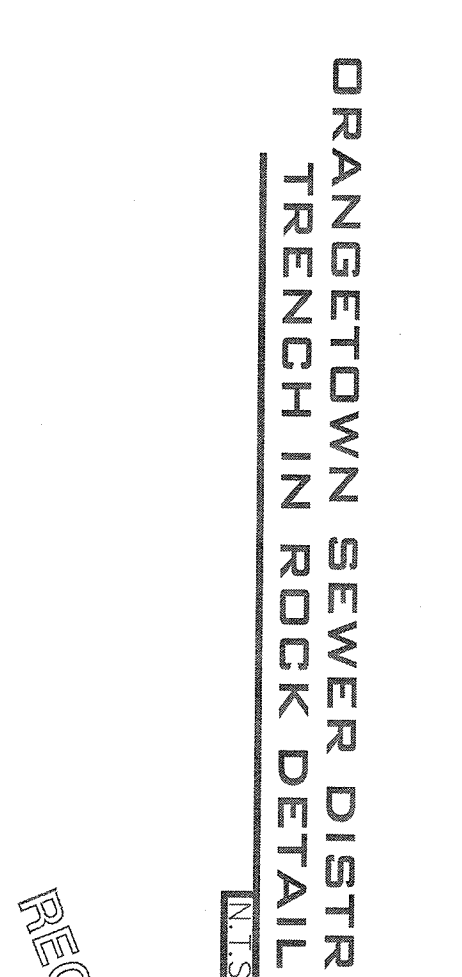
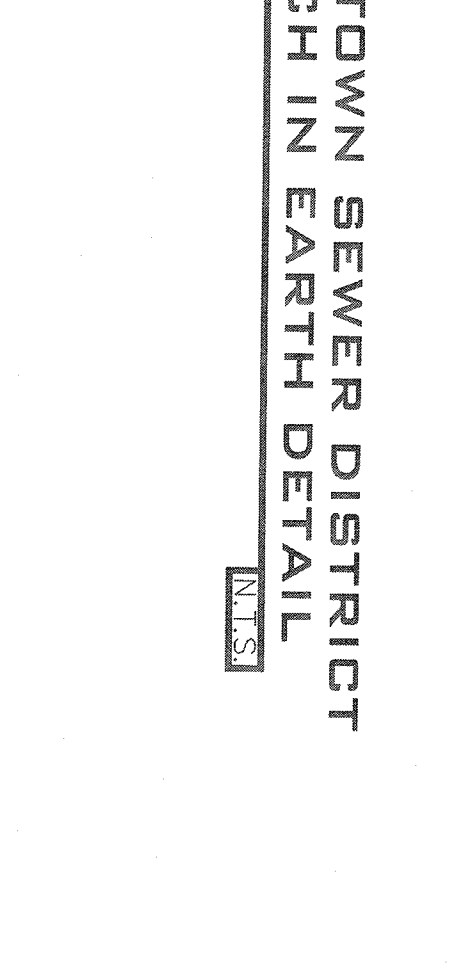
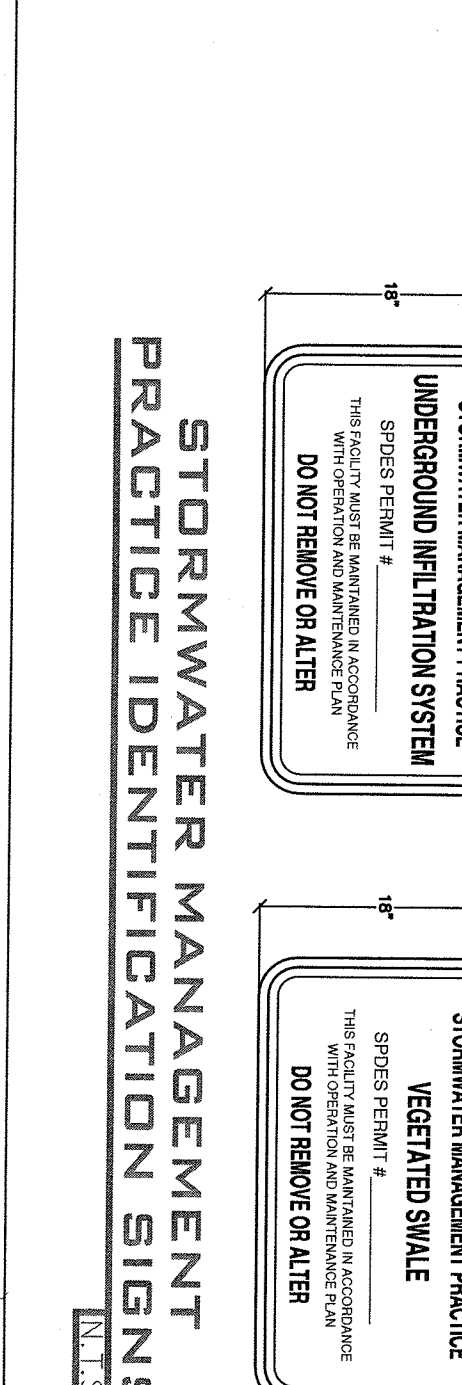
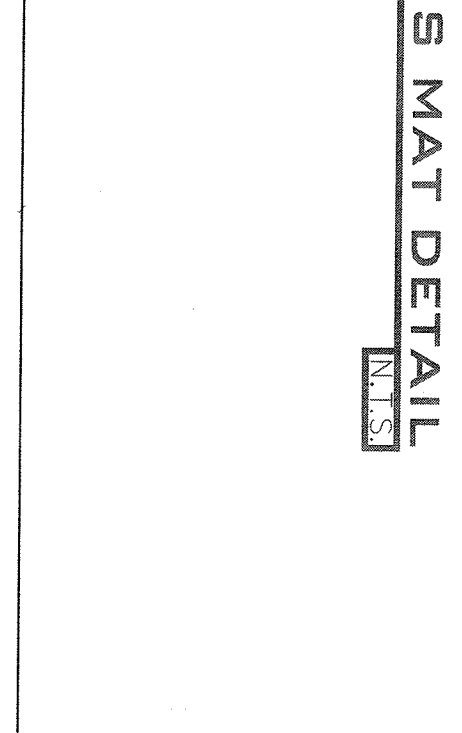
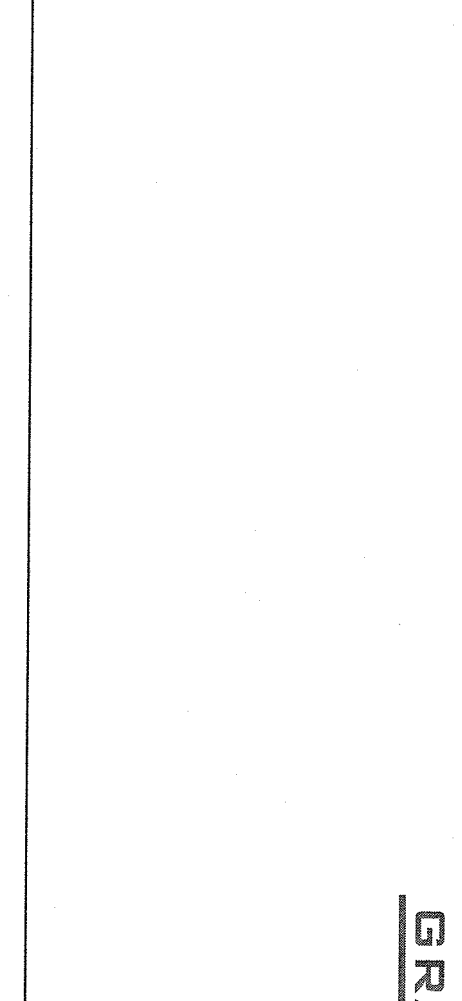
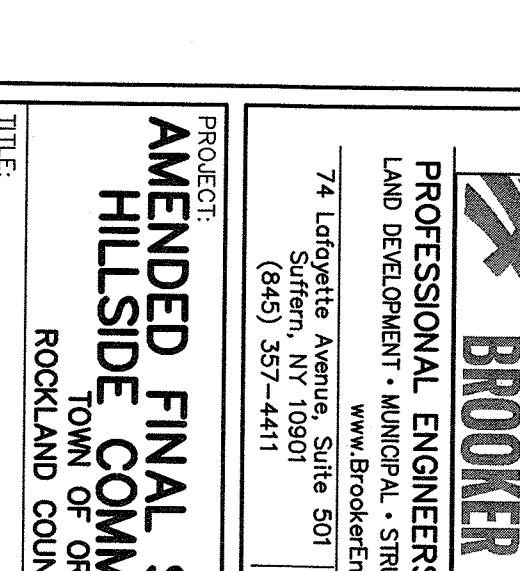
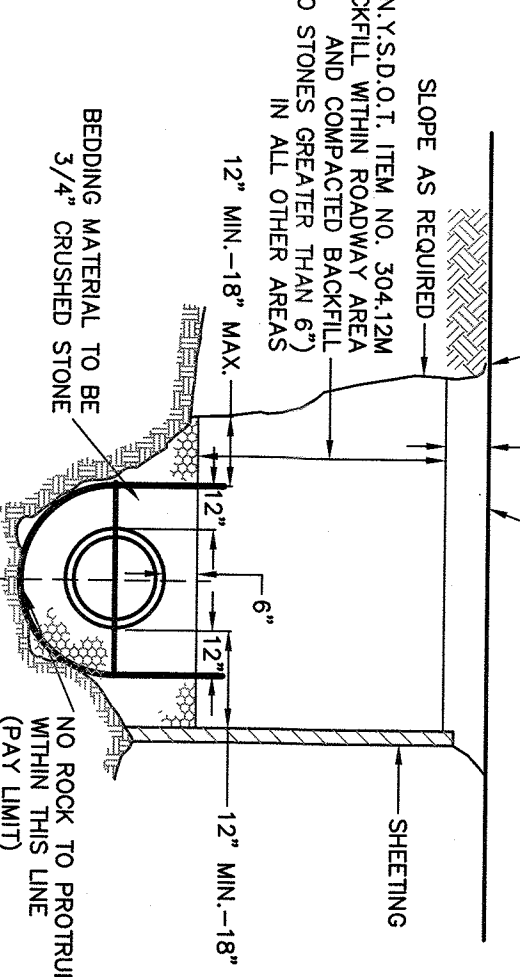
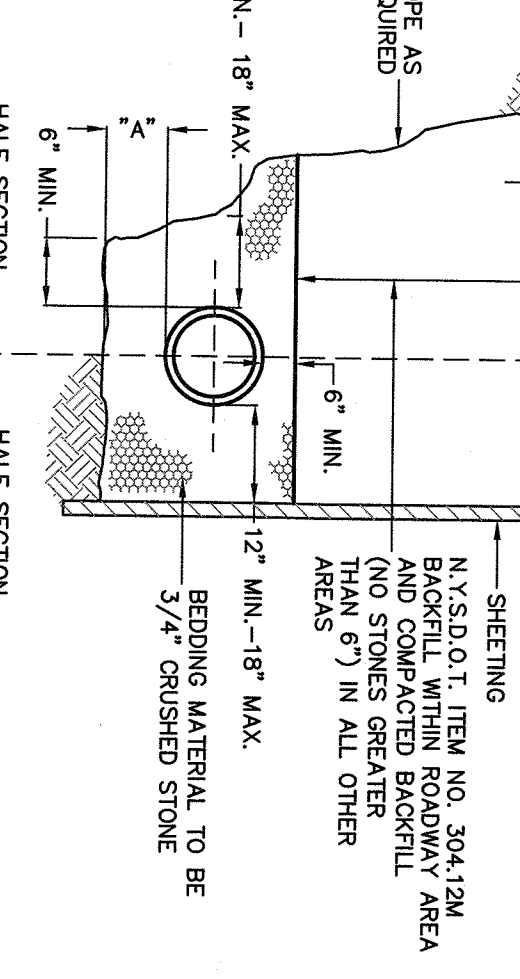
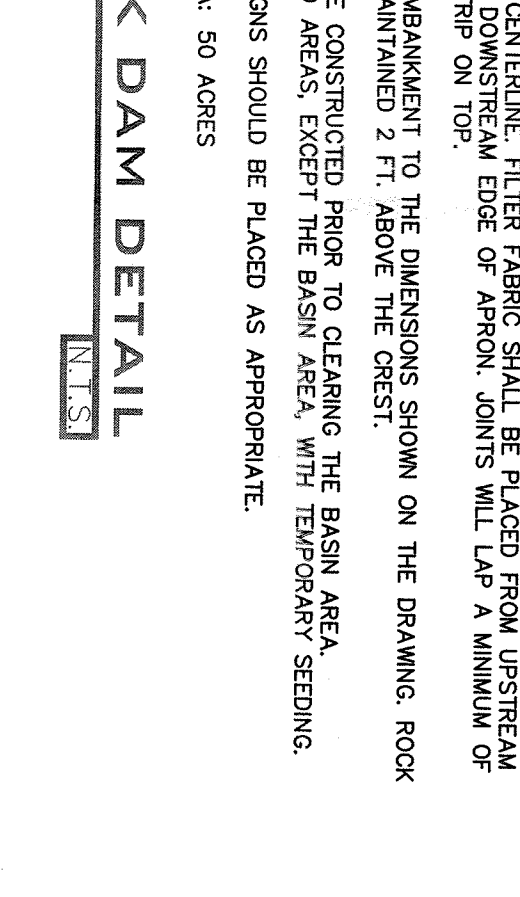
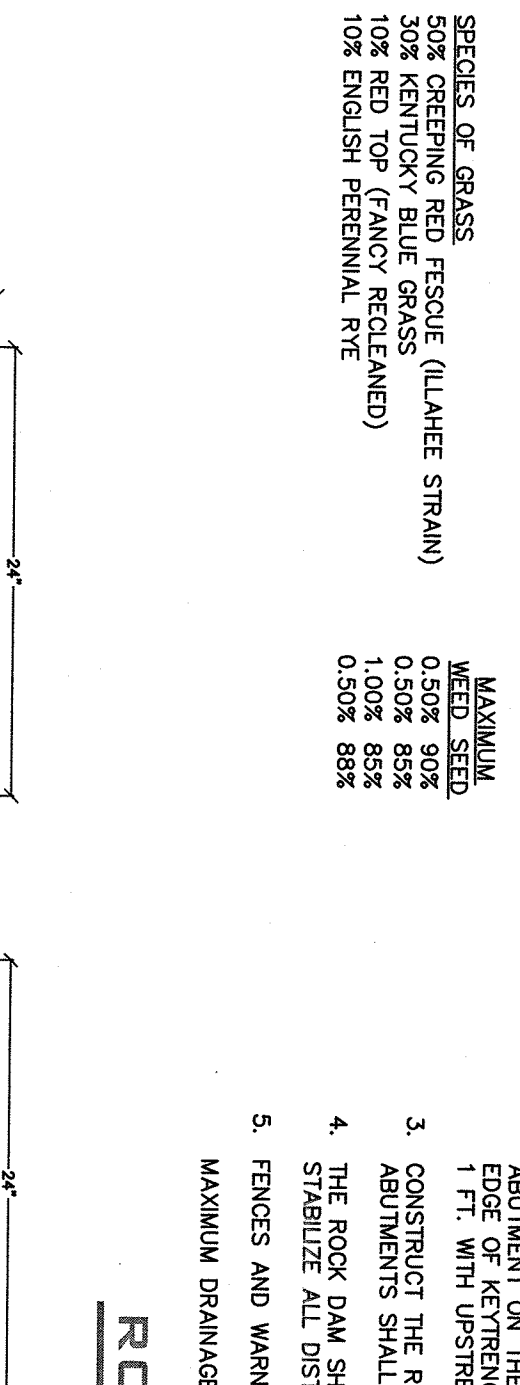
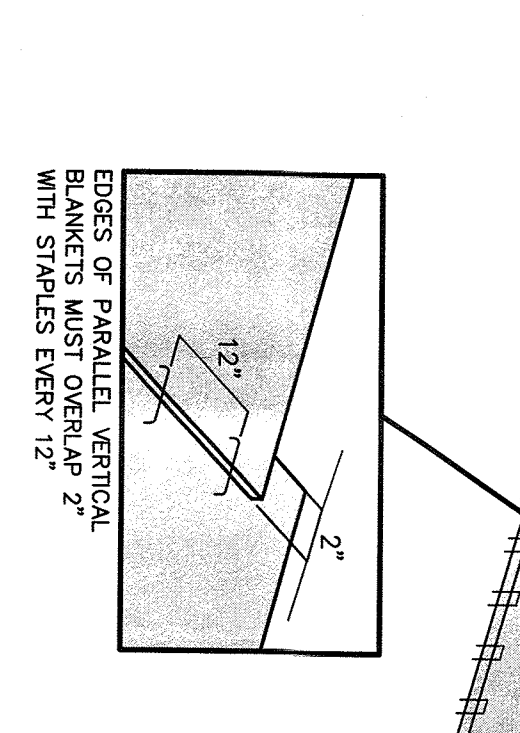
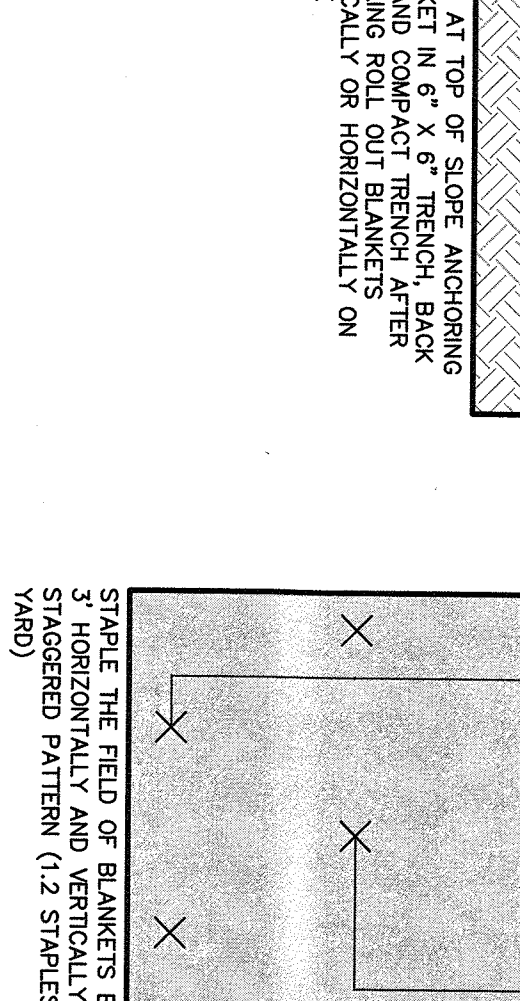
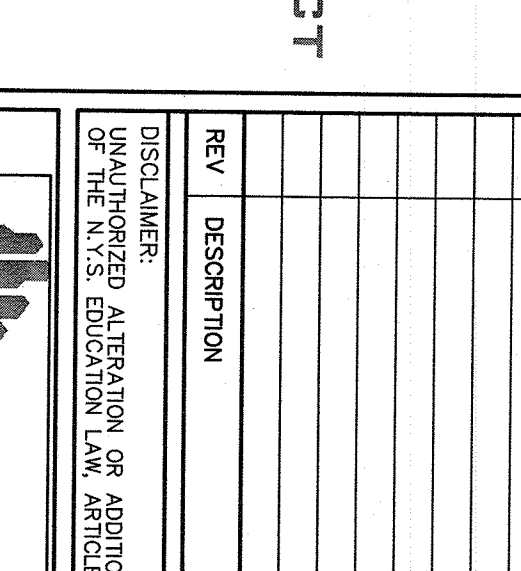
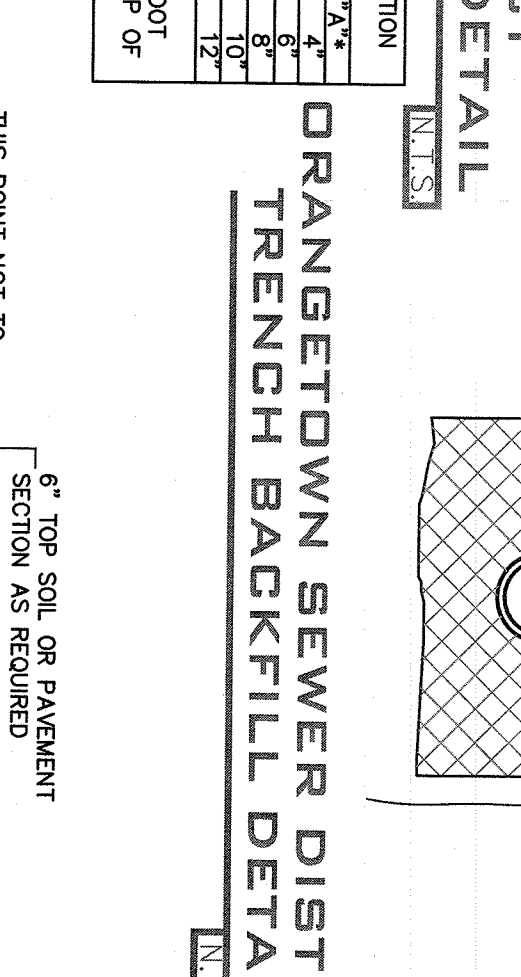
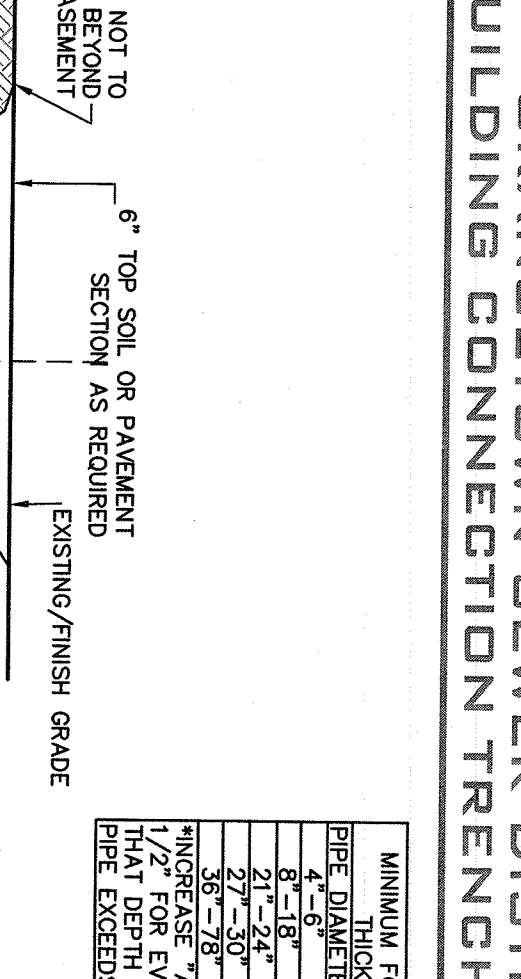
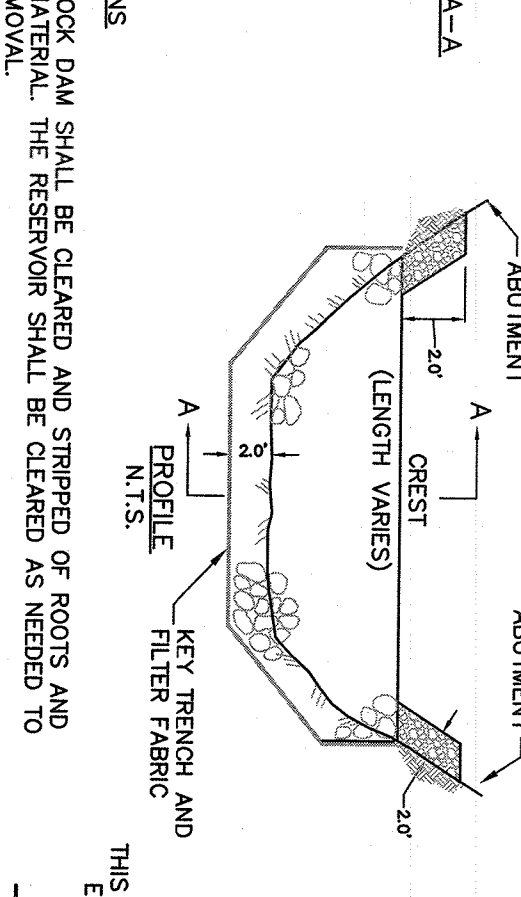
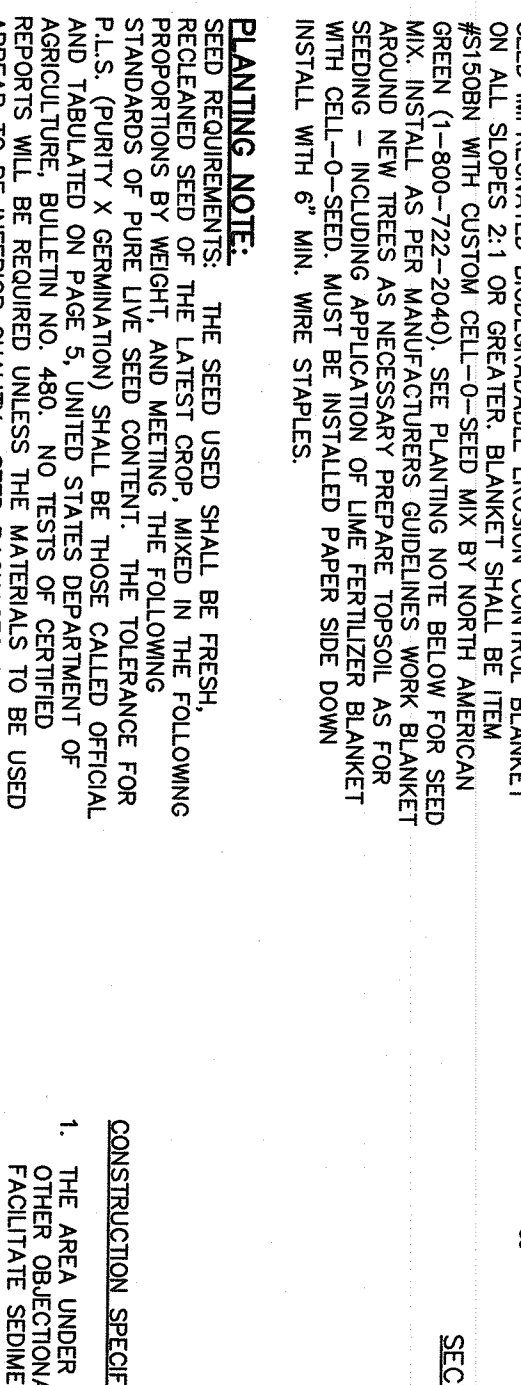
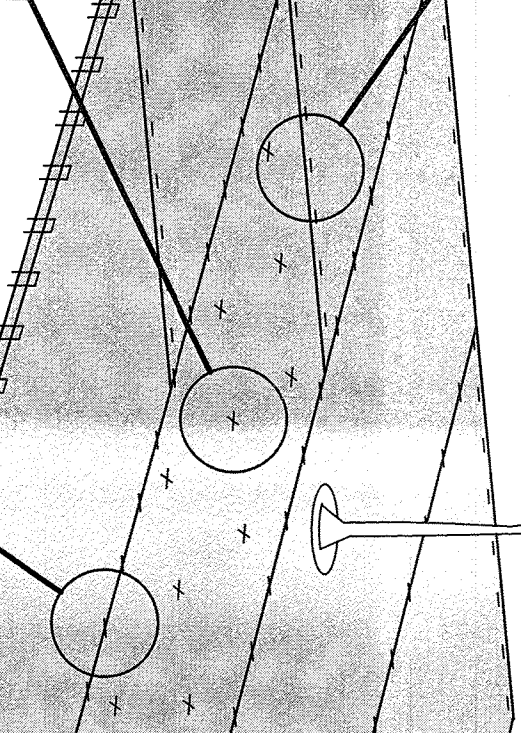
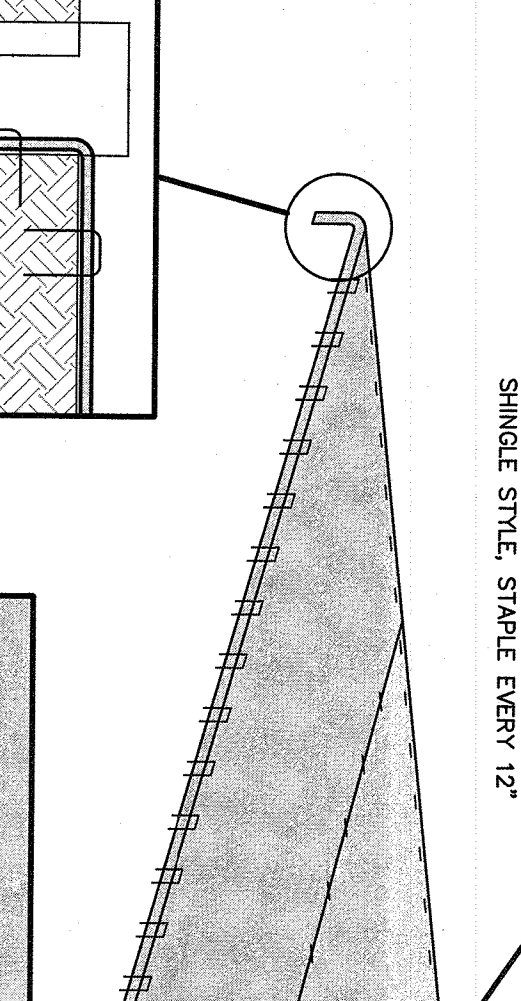
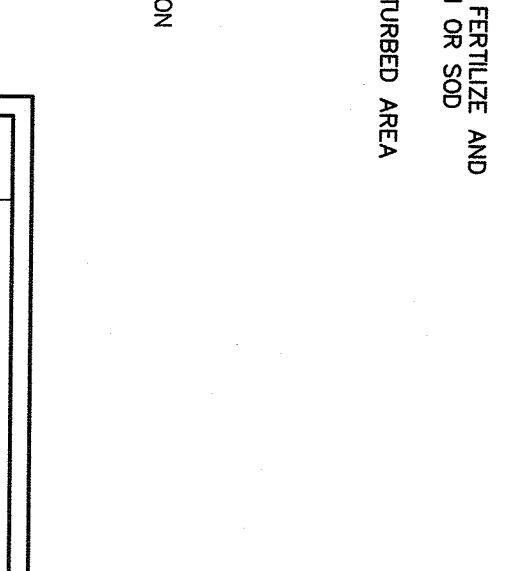
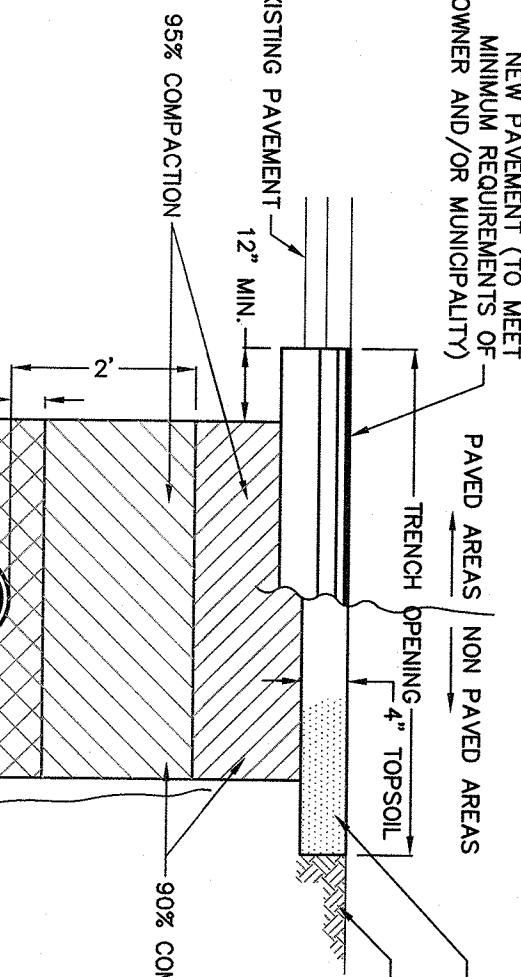
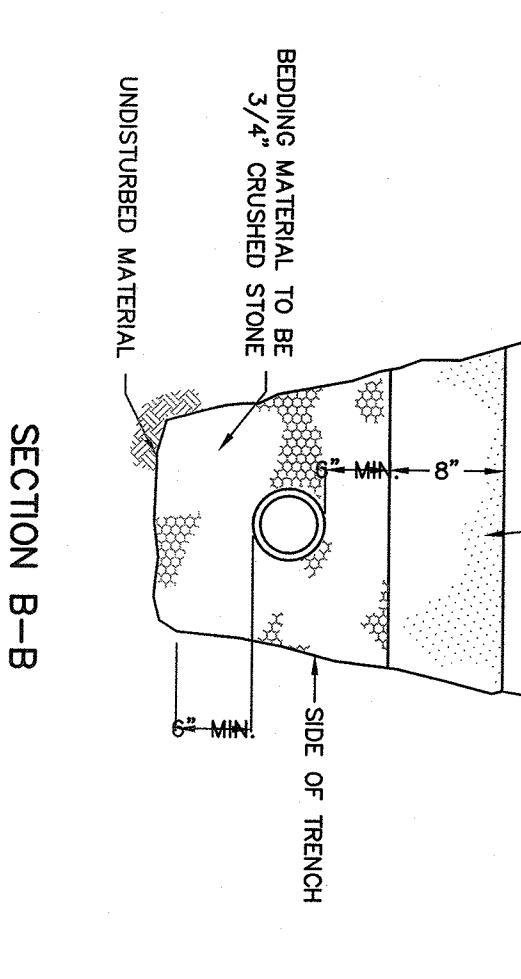
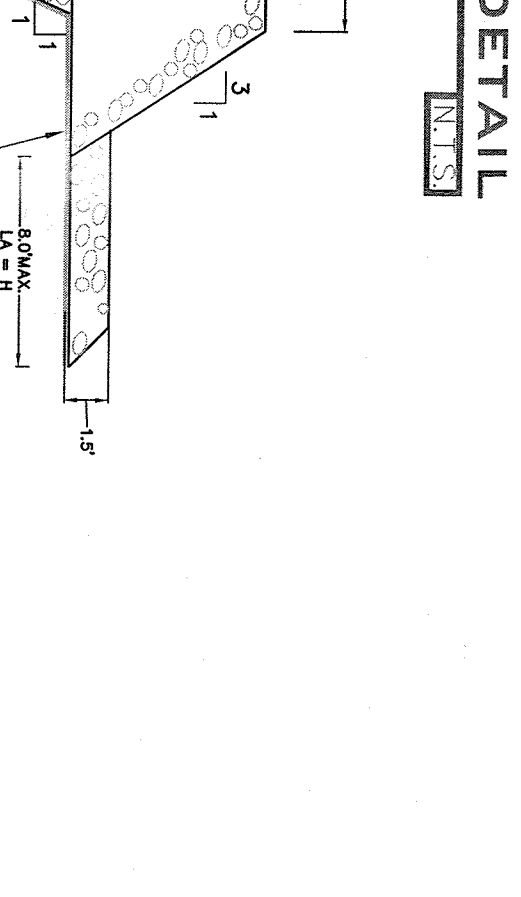
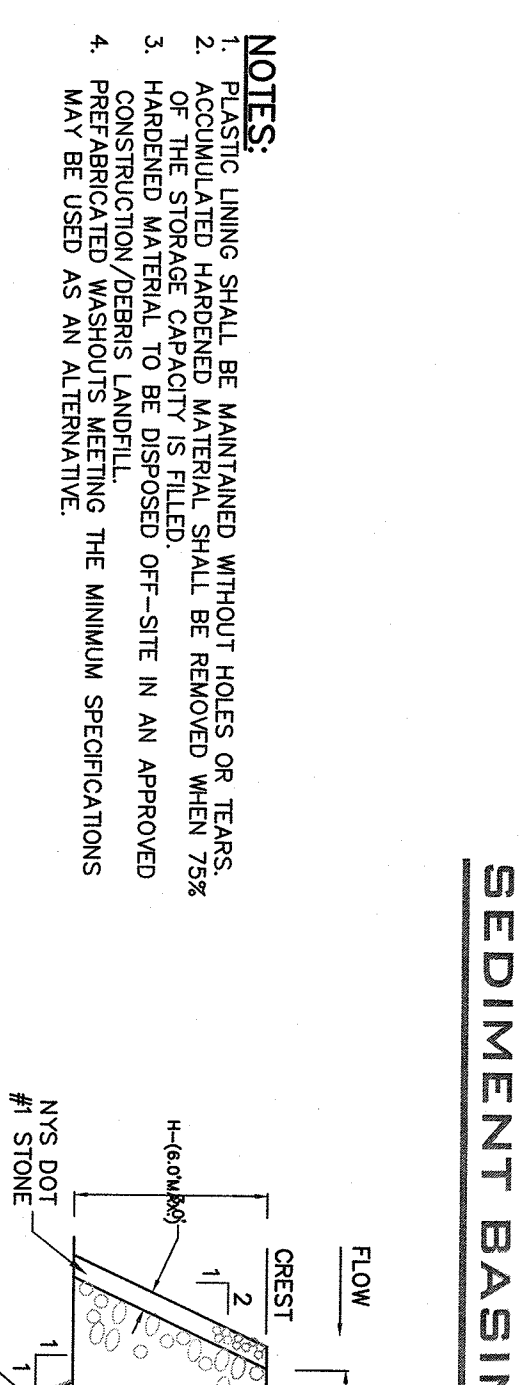
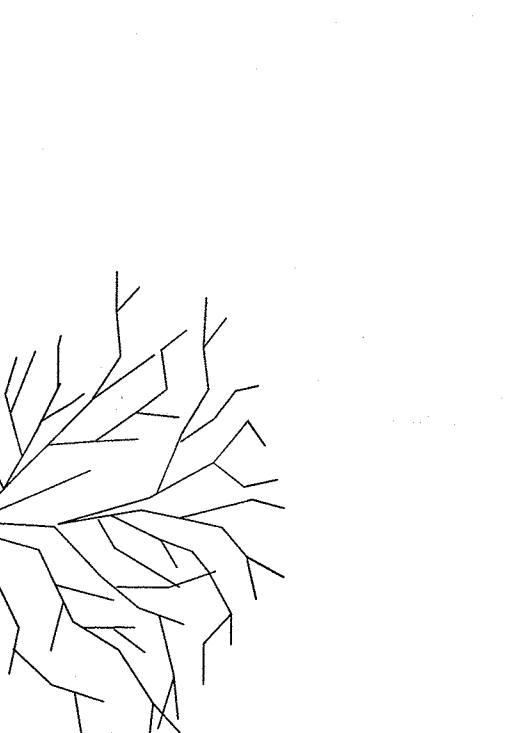
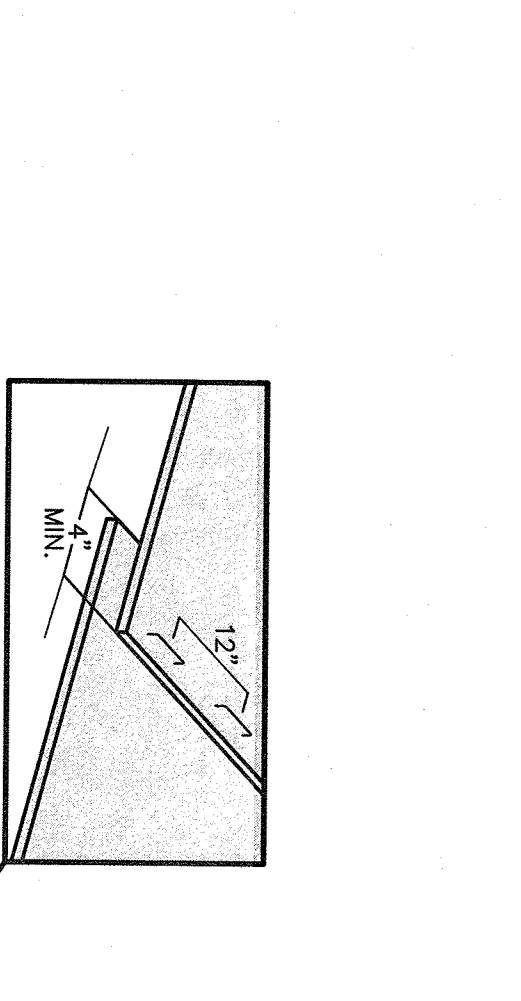
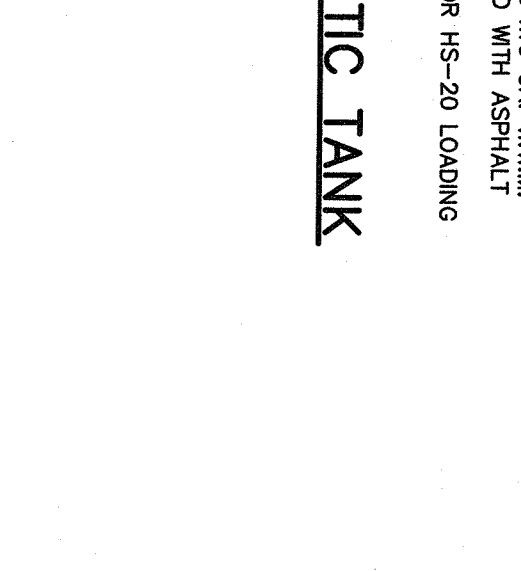
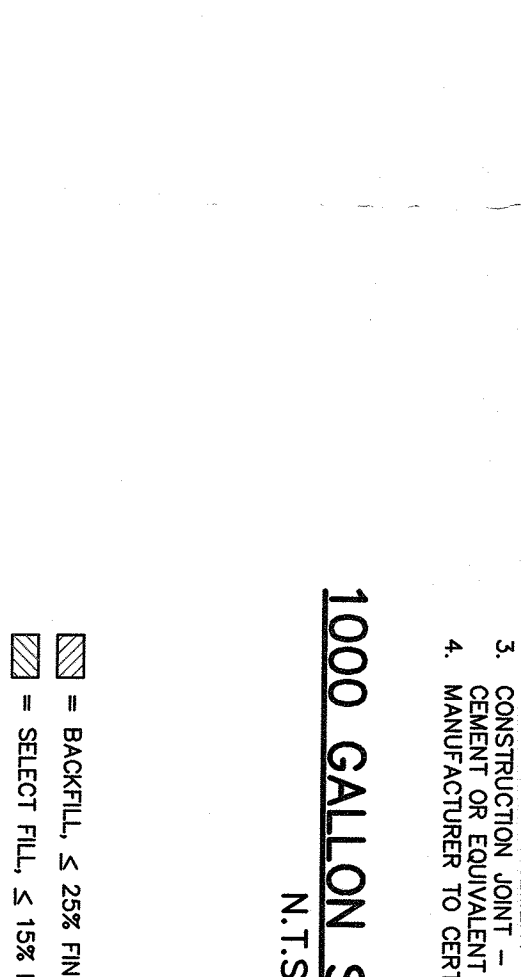
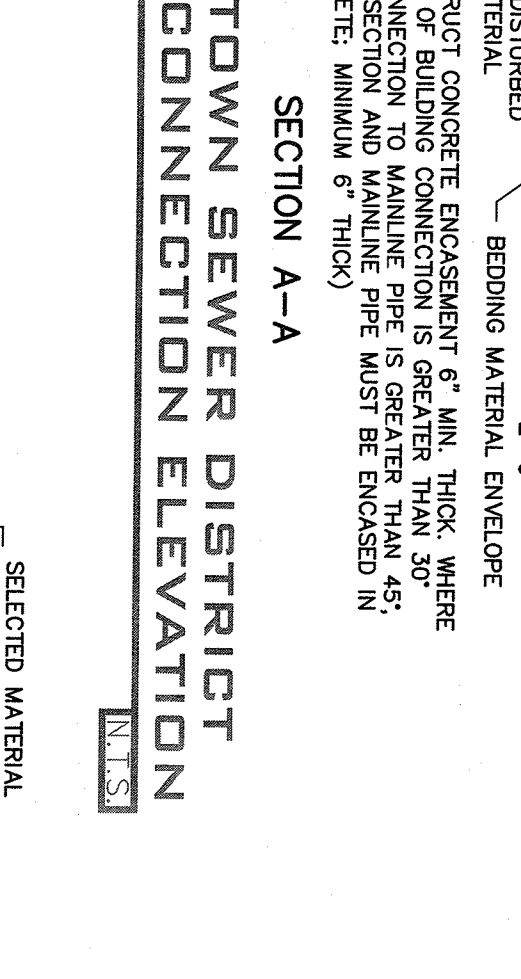
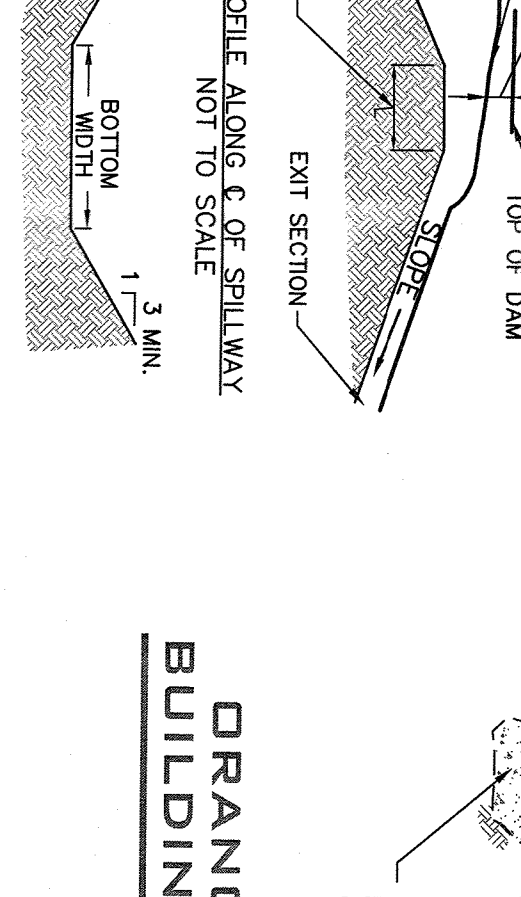
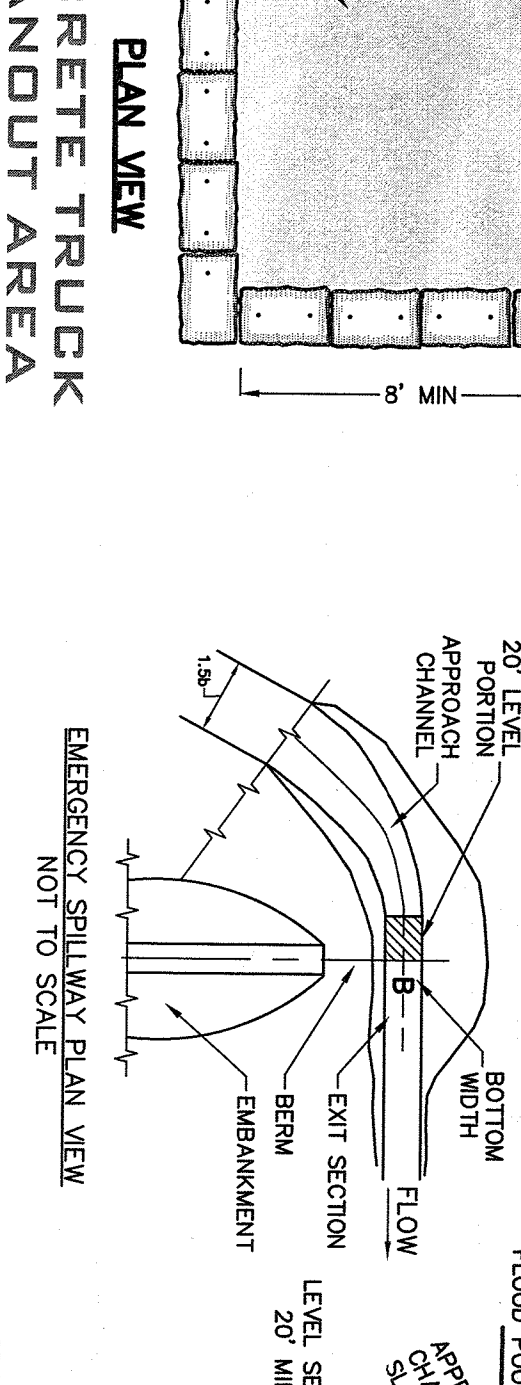
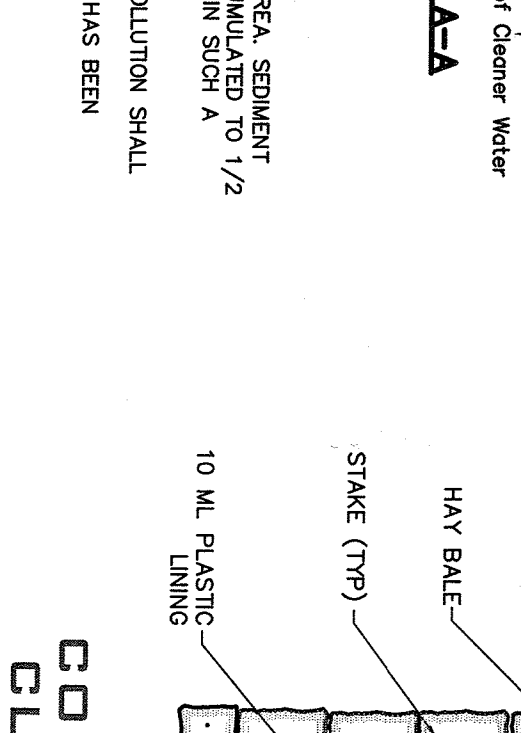
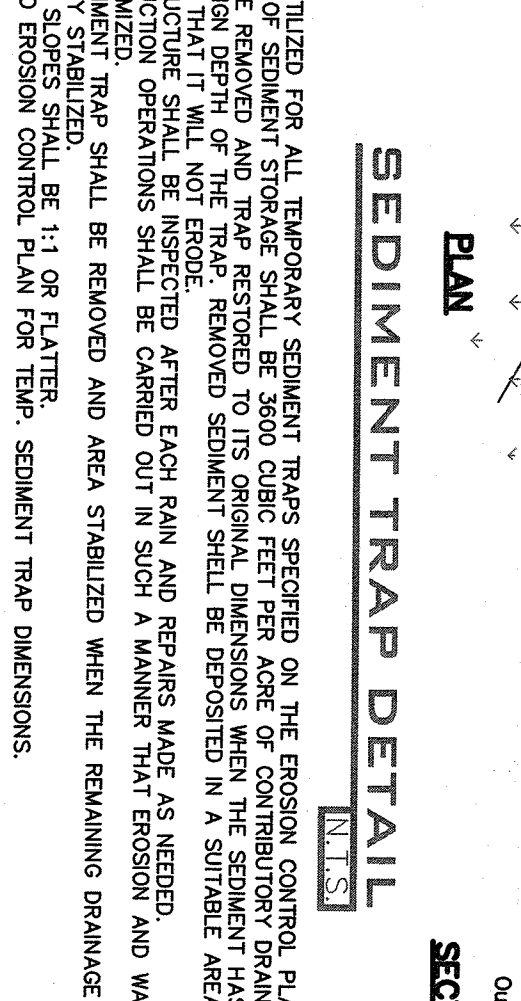
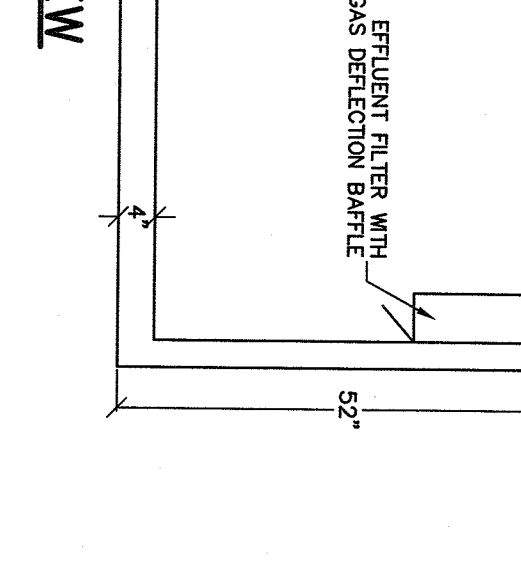
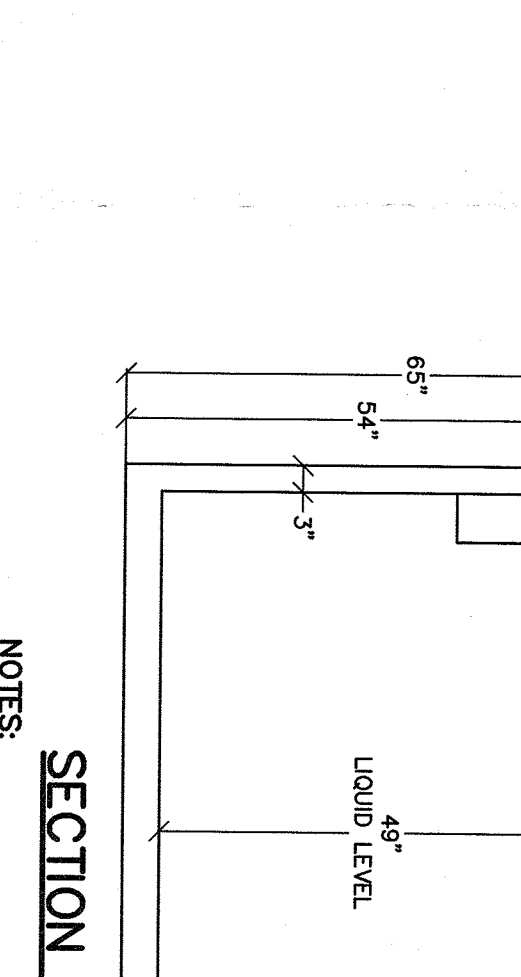
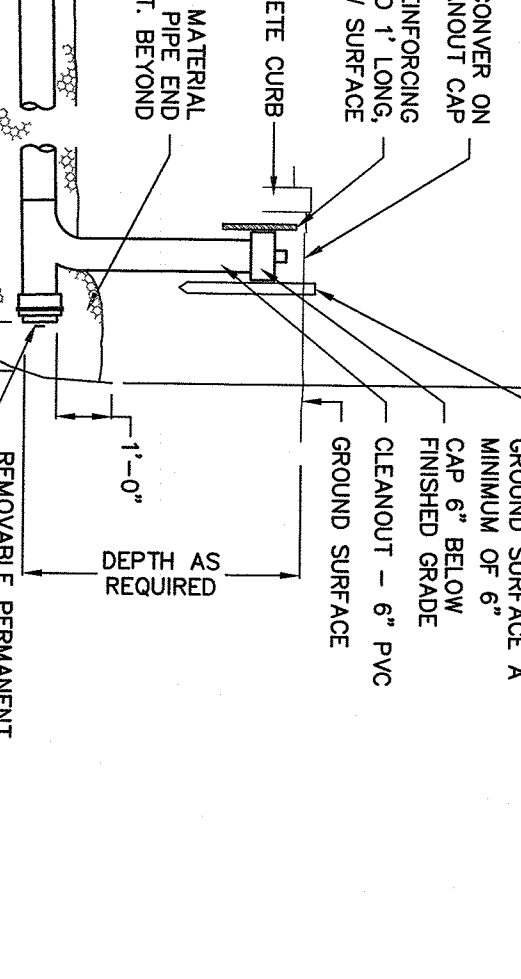
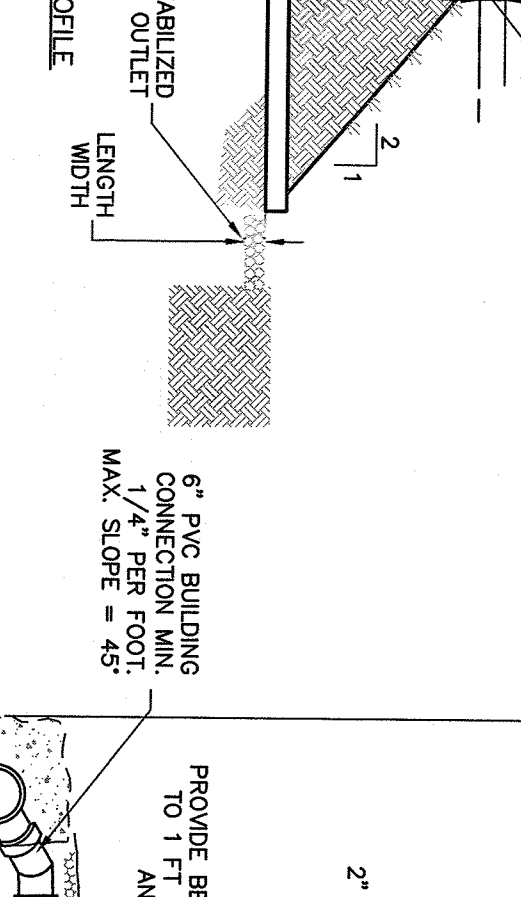
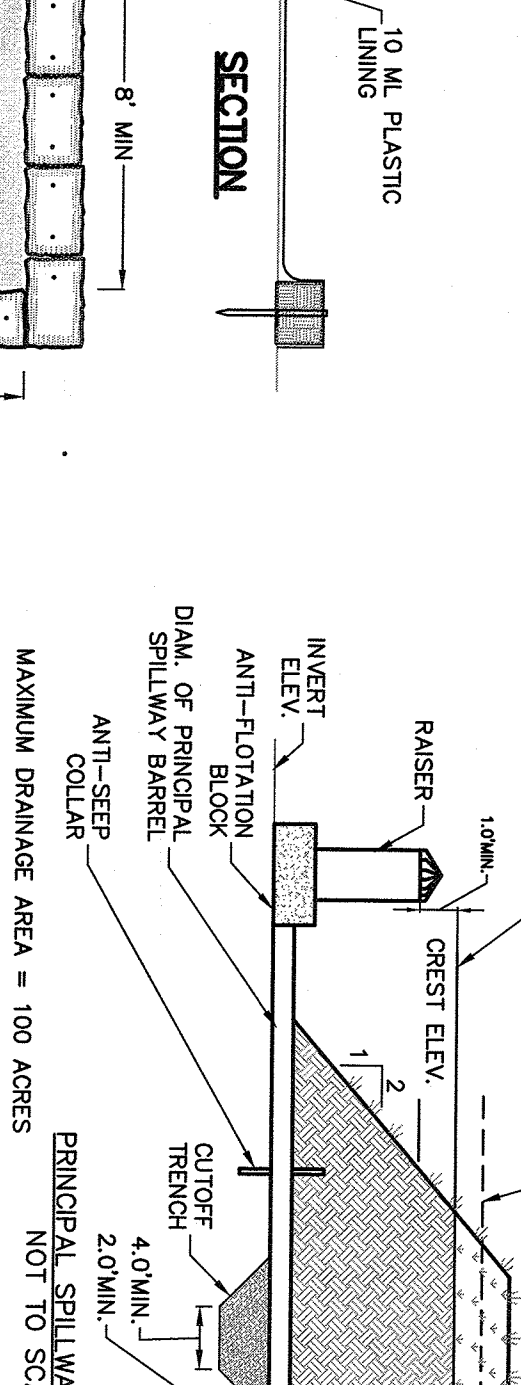
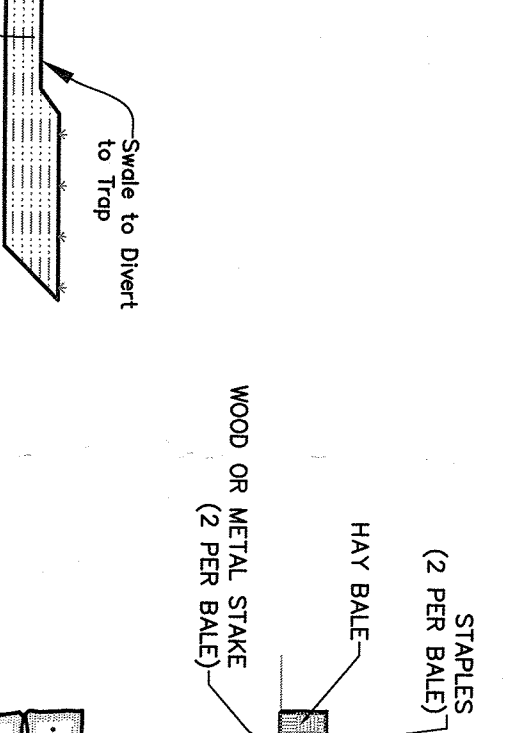
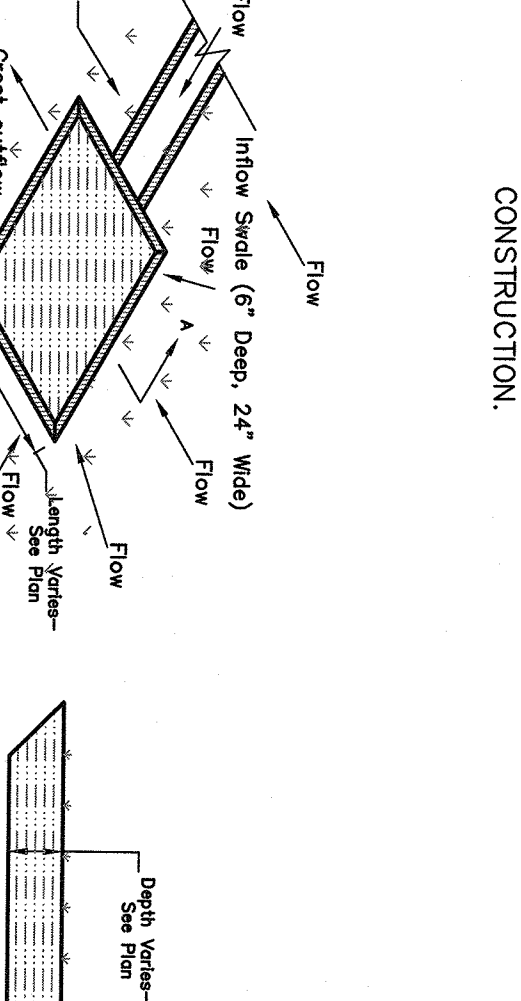
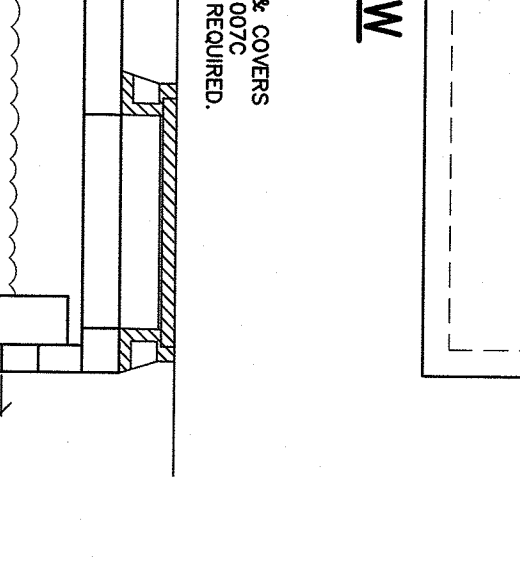
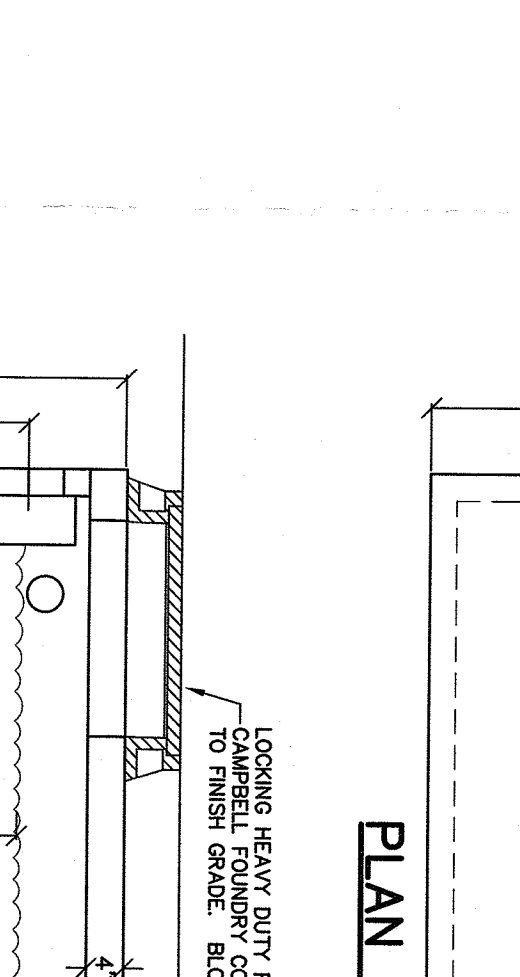
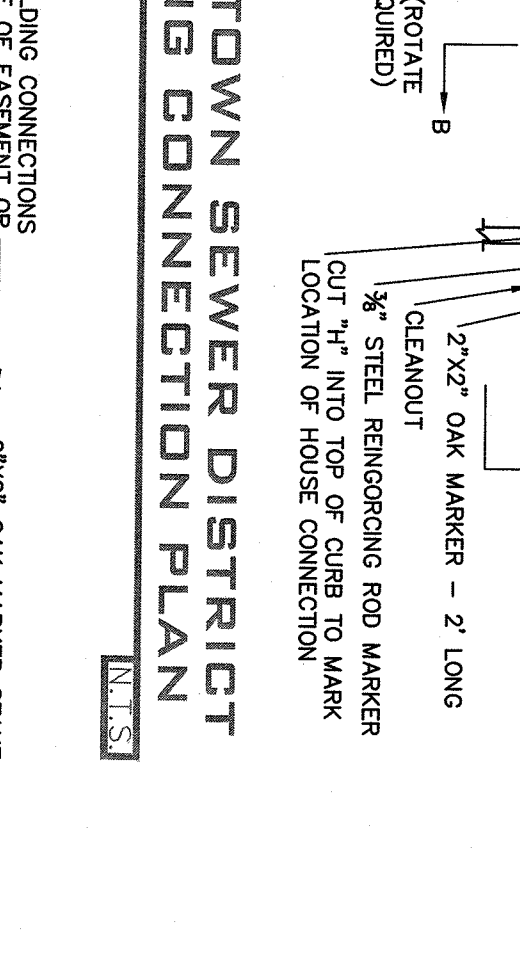
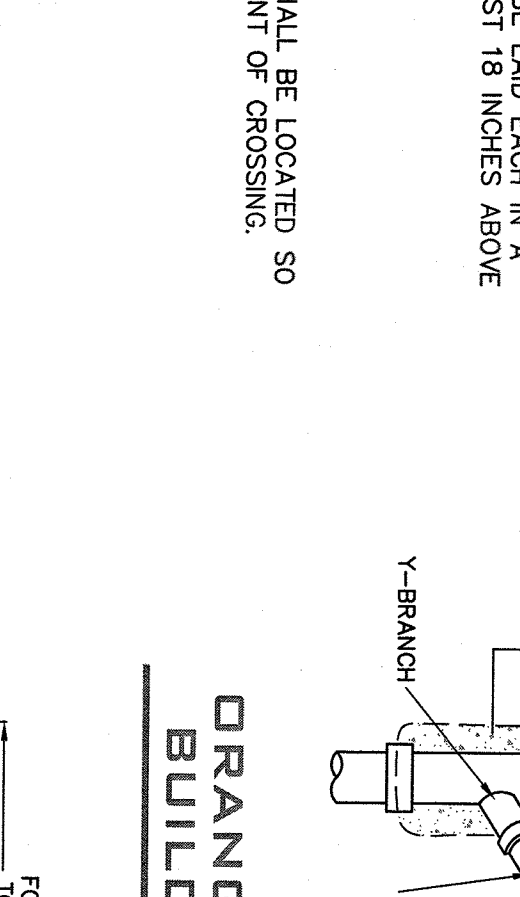
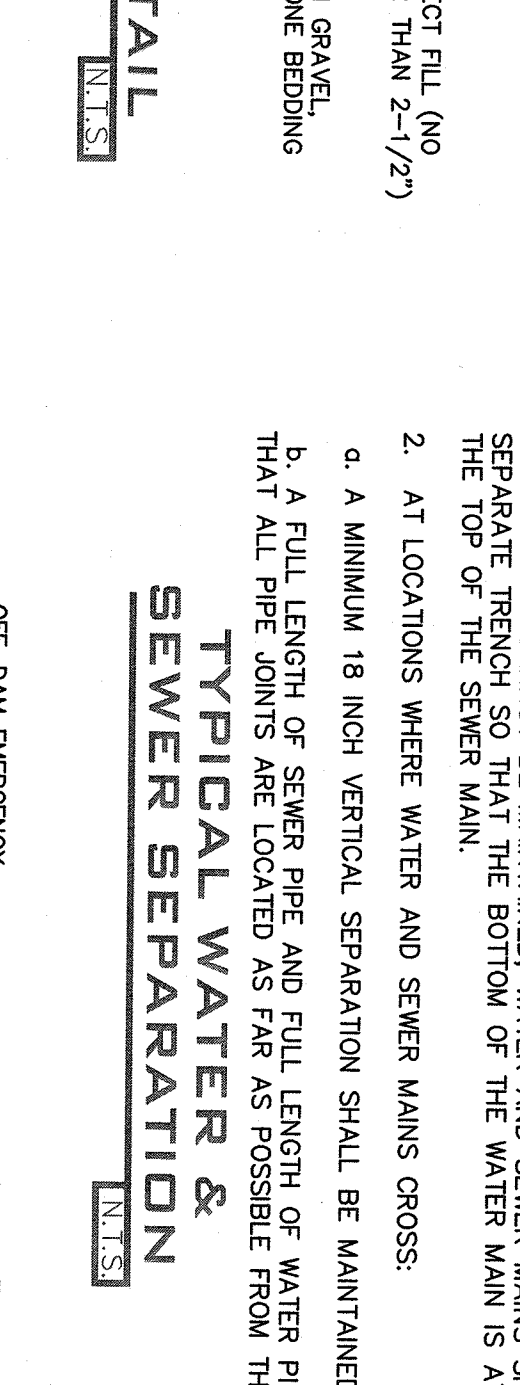
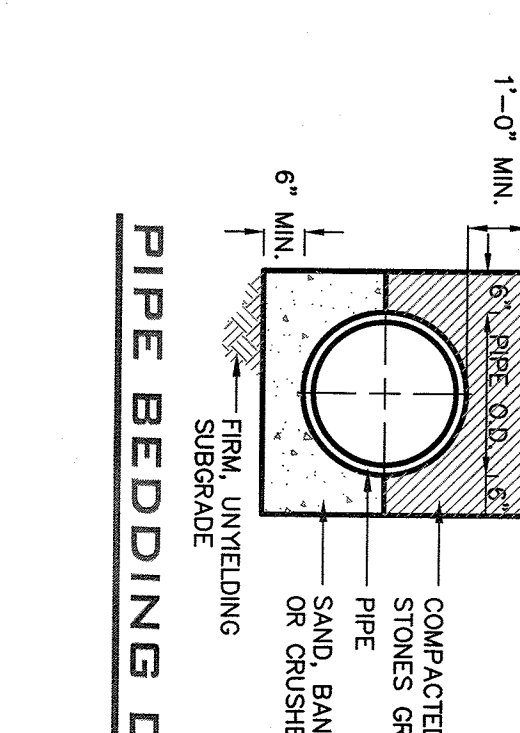
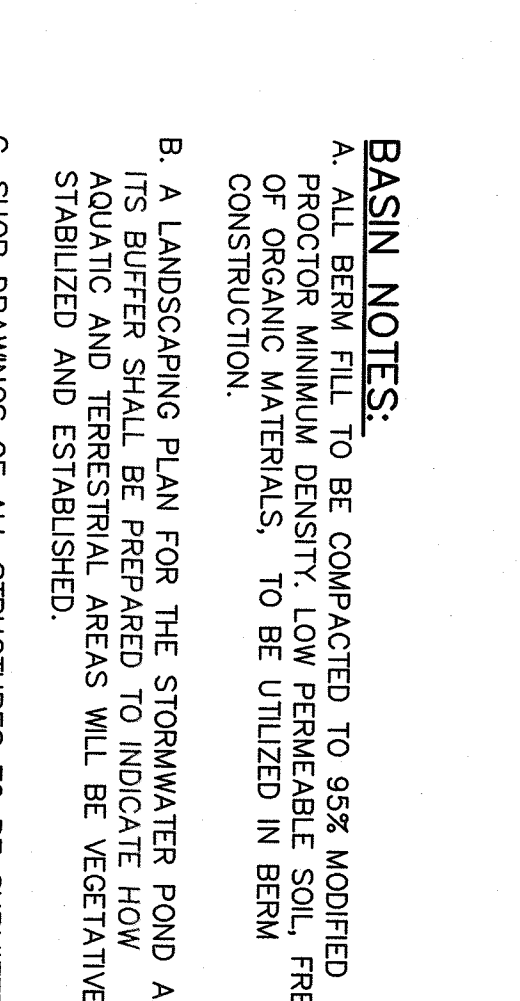
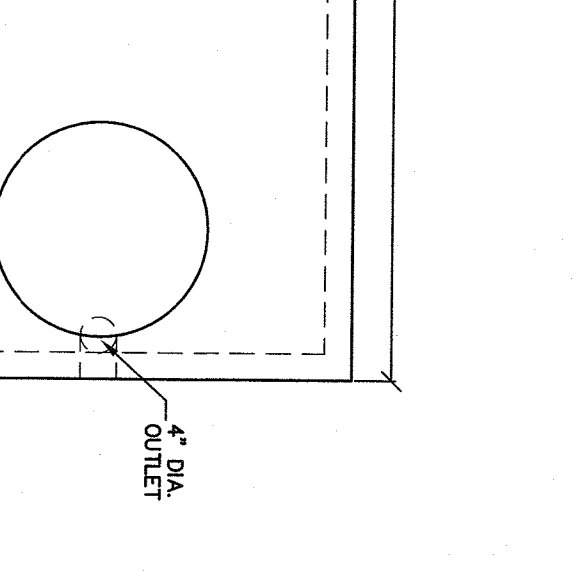
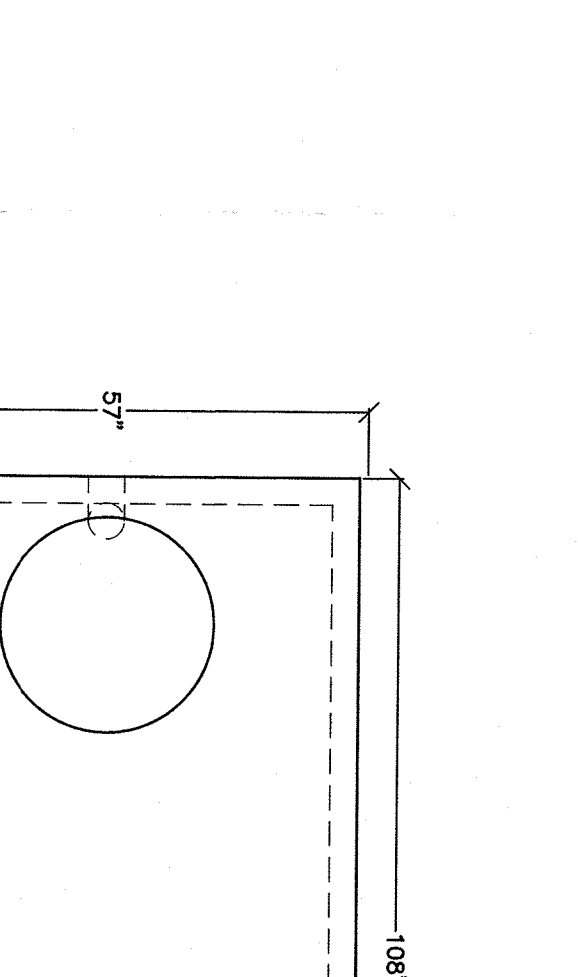
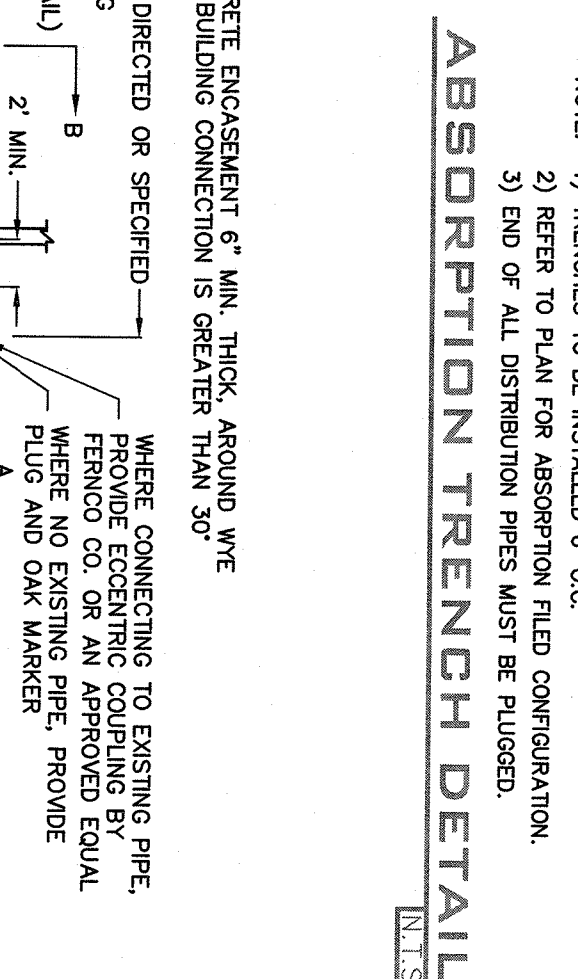
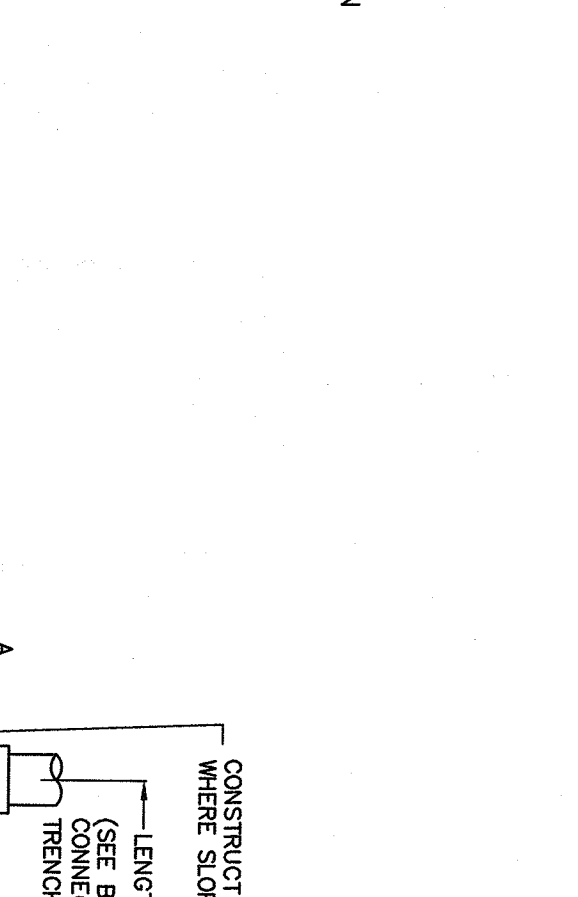
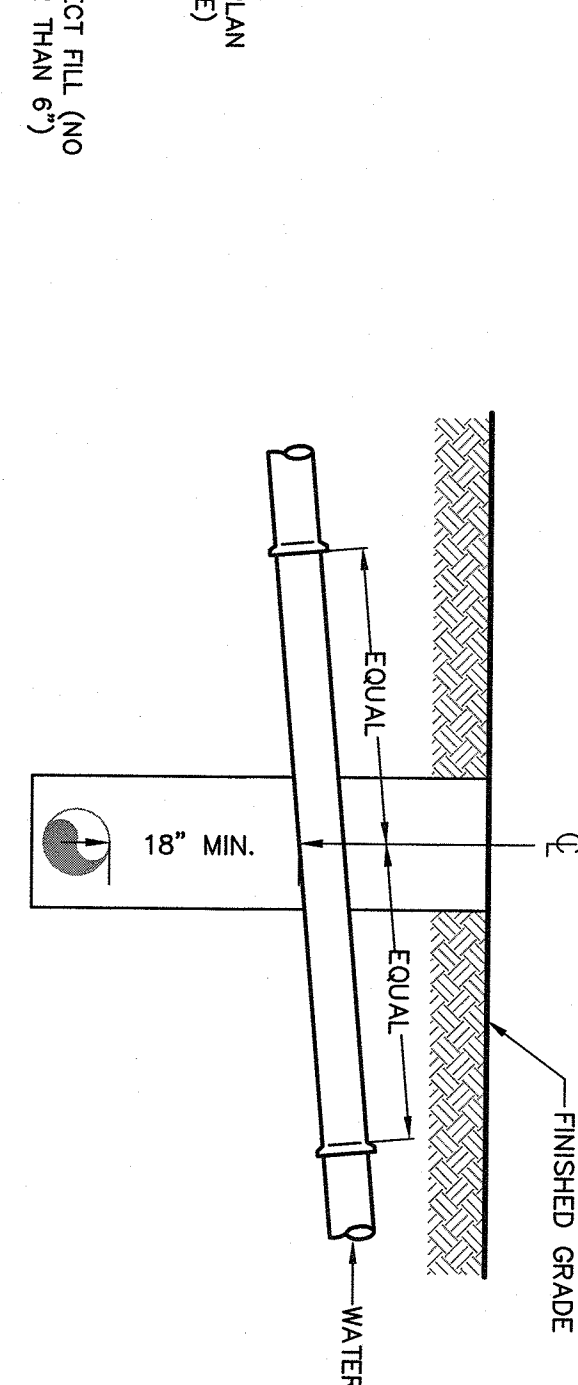
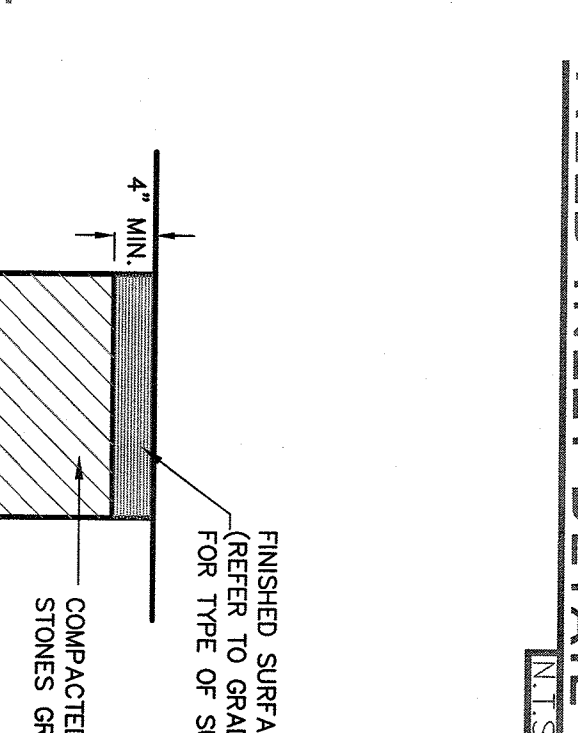
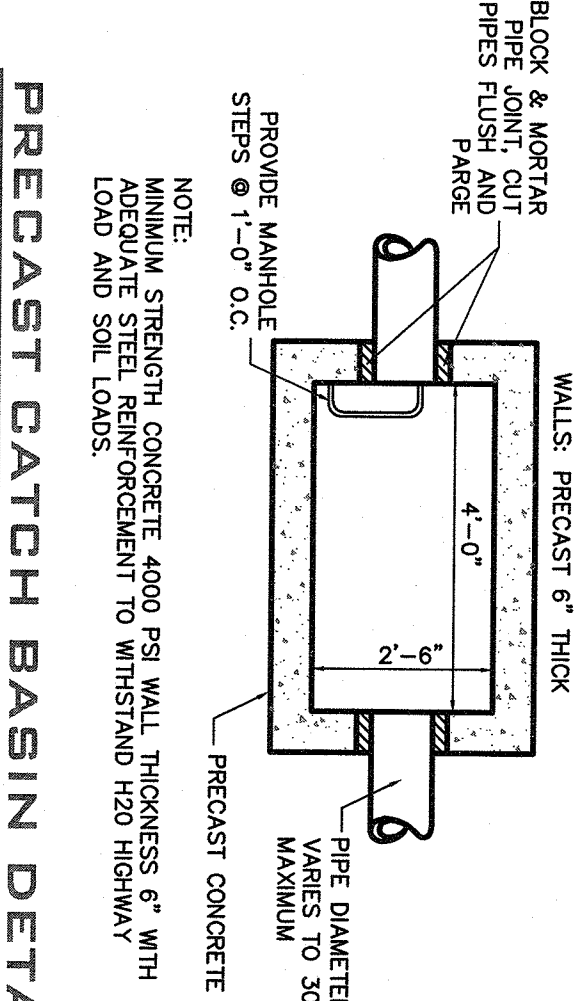
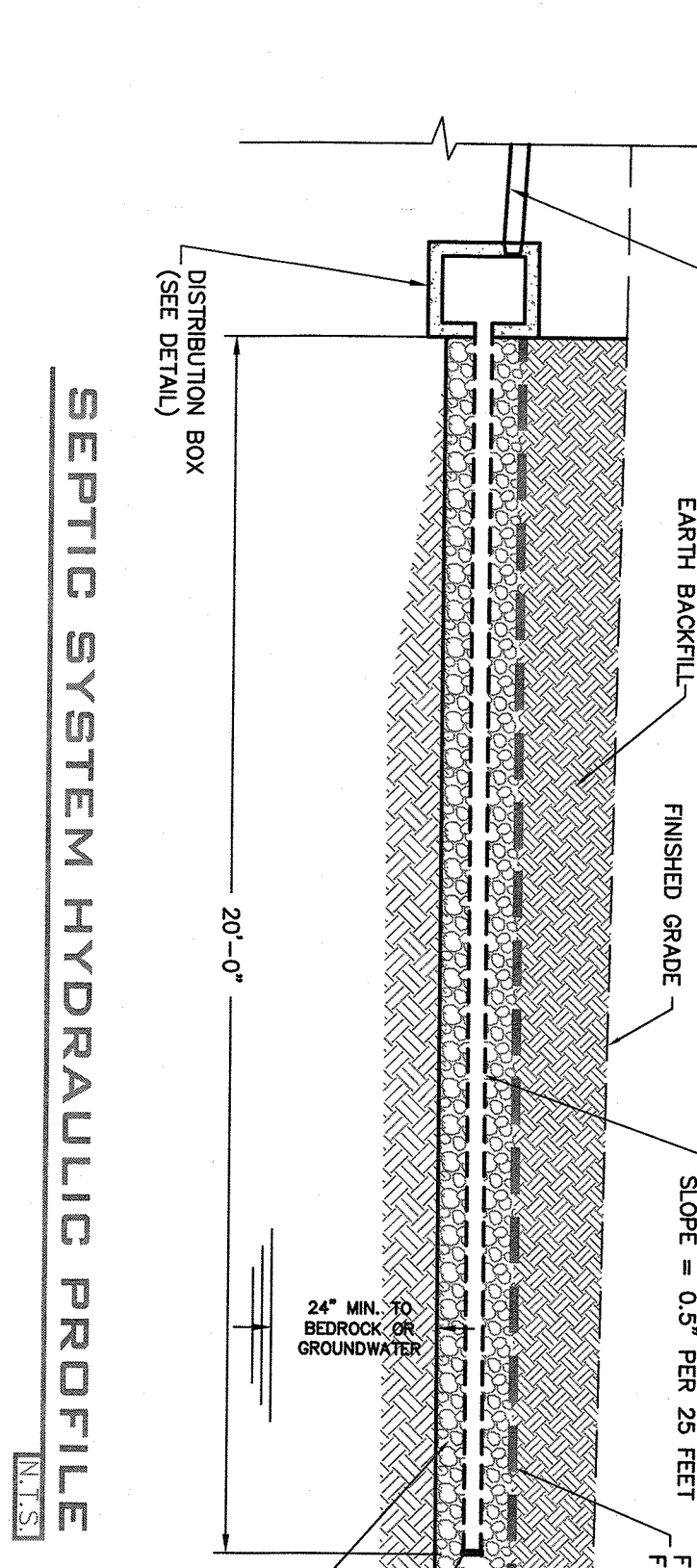
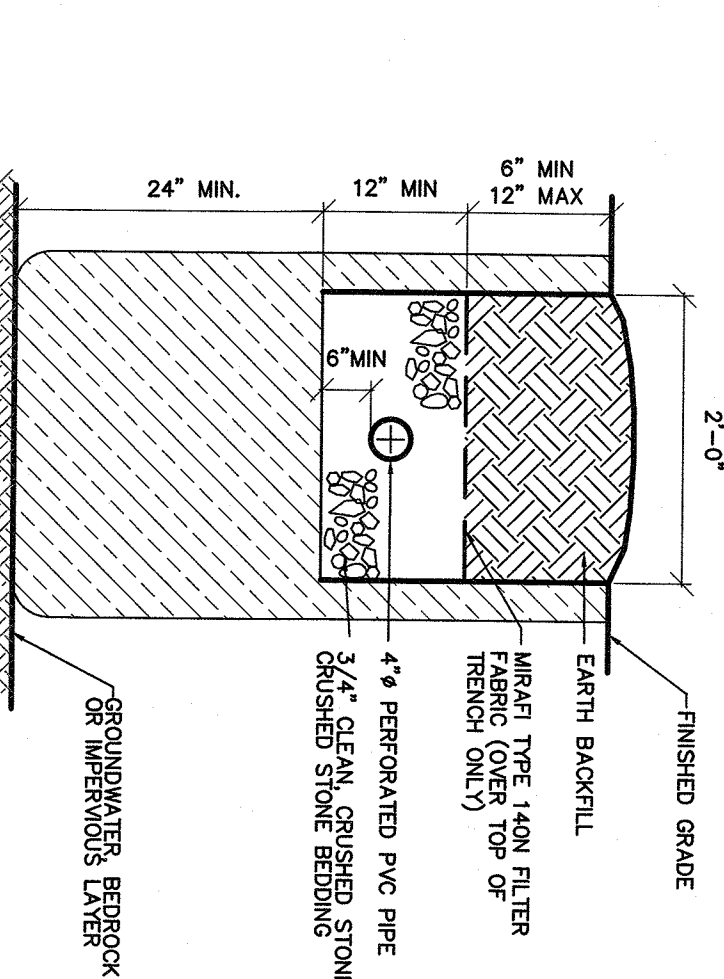
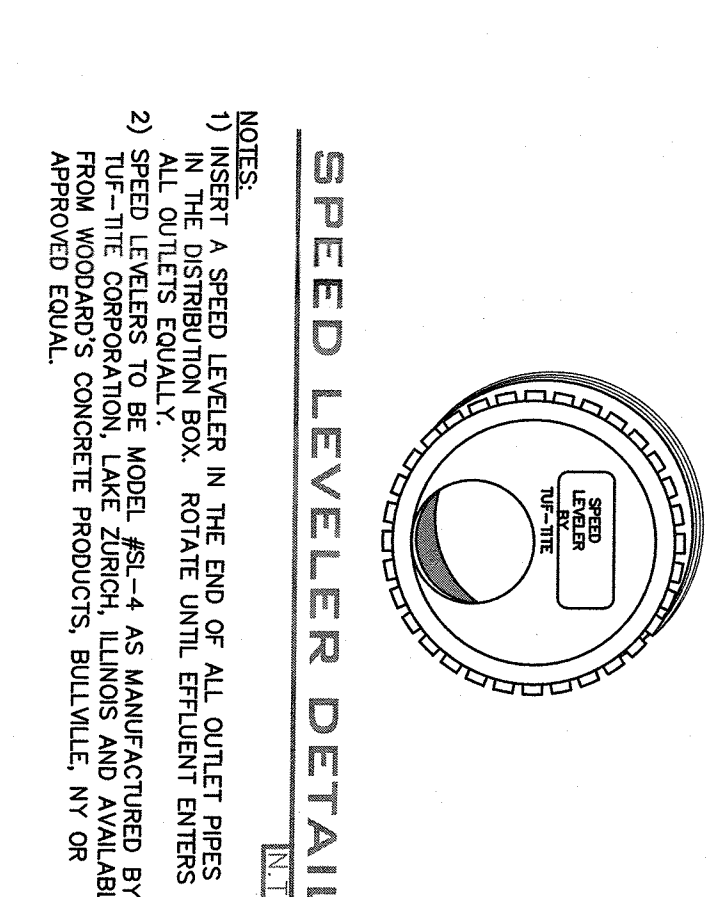
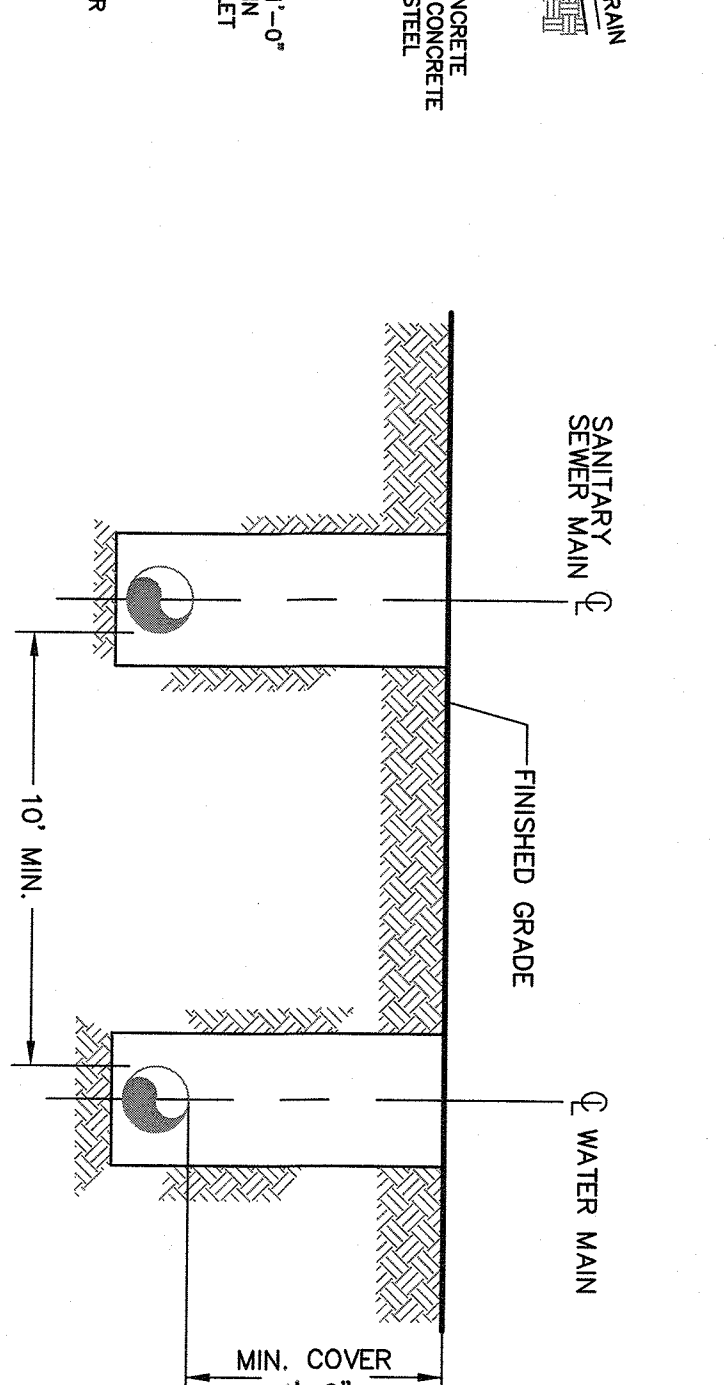
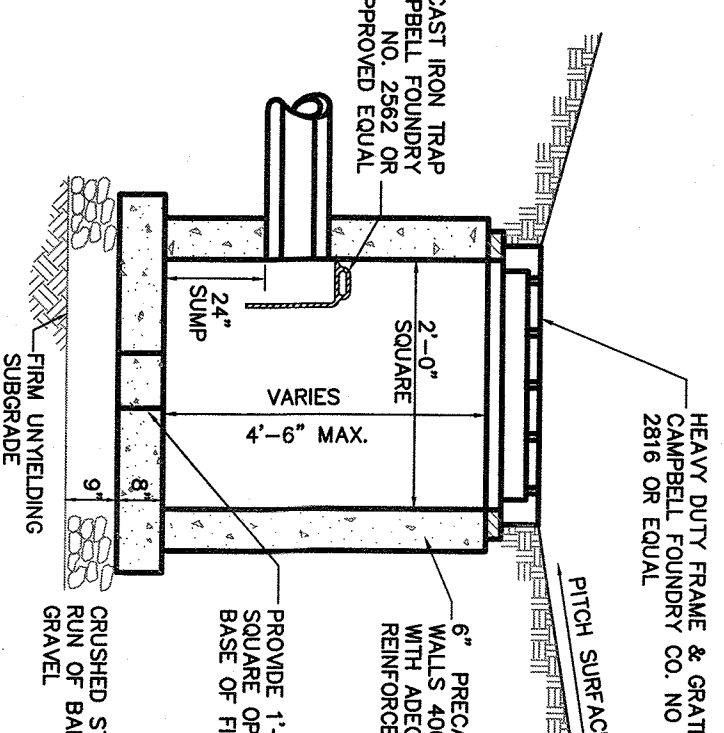
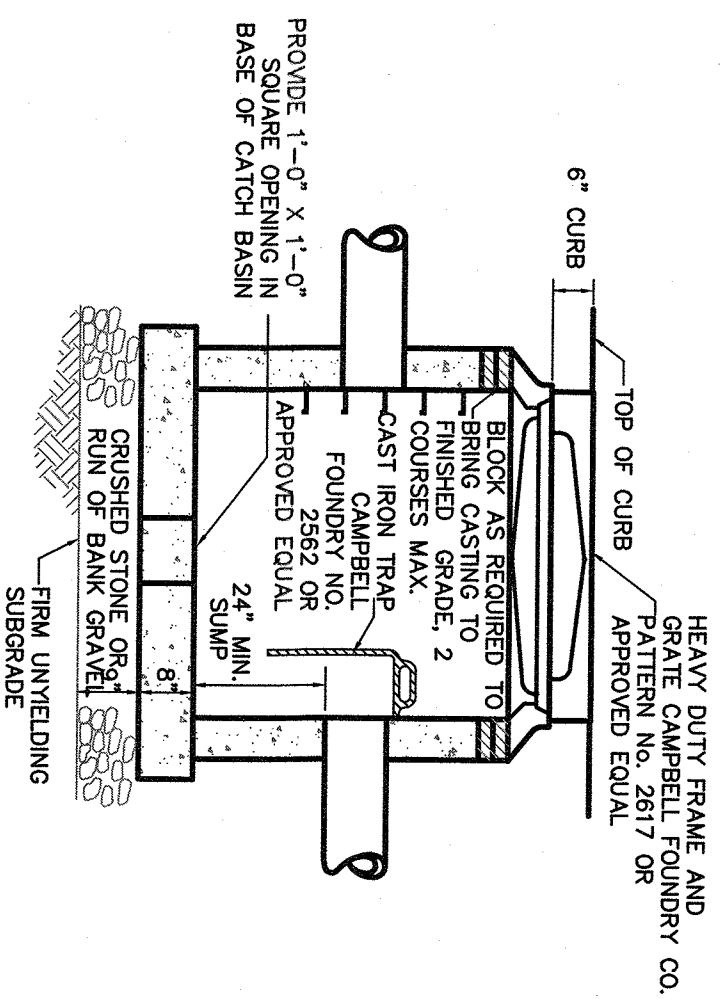
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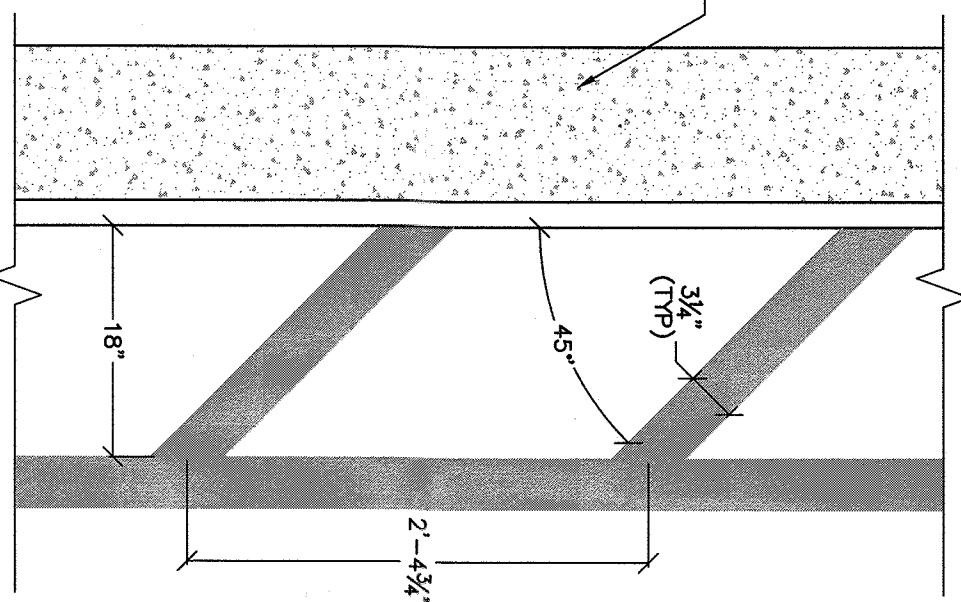
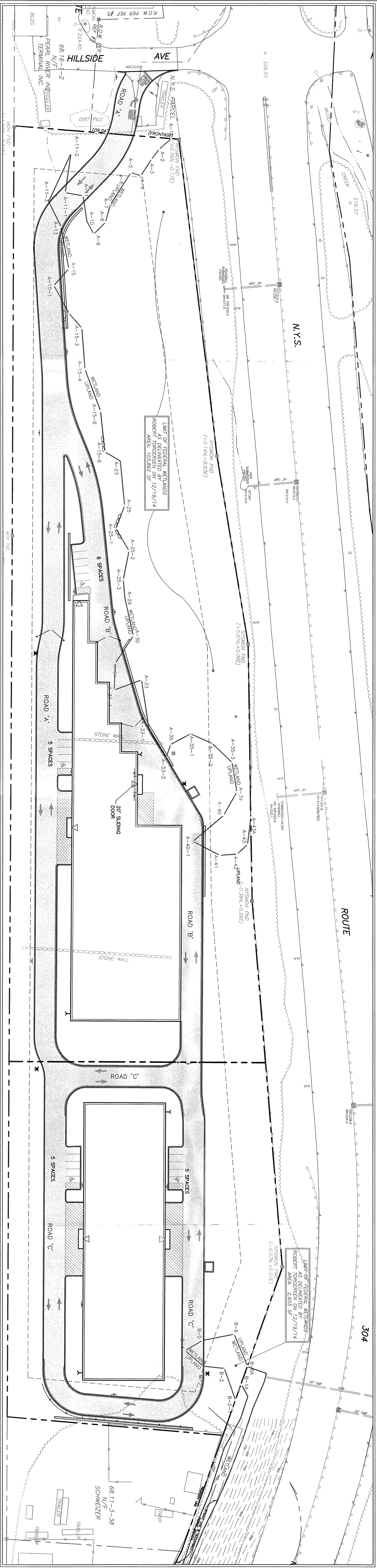
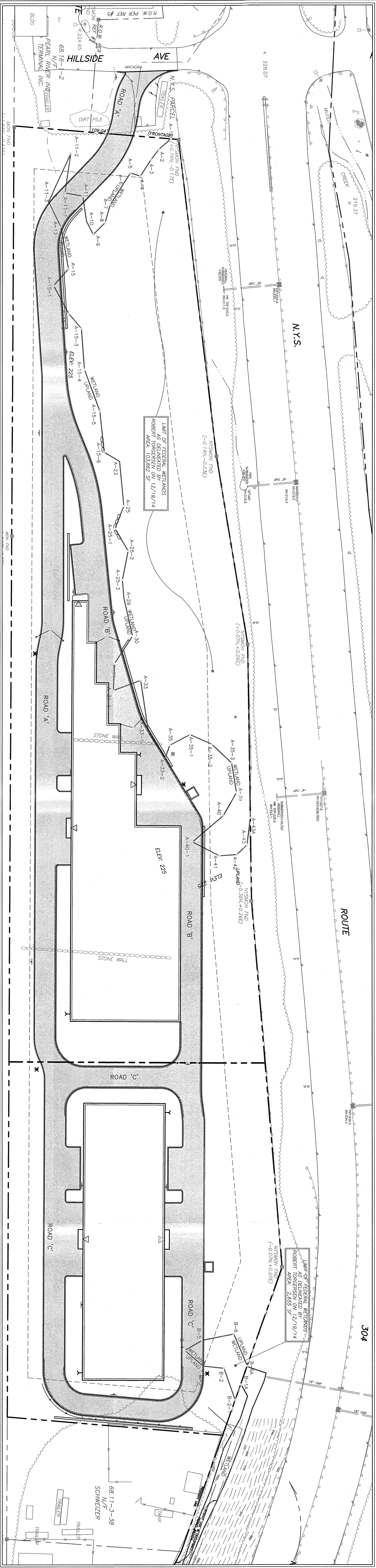
AMENDED FINAL SITE PLAN FOR HILDSIDE COMMERCIAL PARK
ROCKLAND COUNTY, NEW YORK
(1 OF 3)

CONSTRUCTION DETAILS

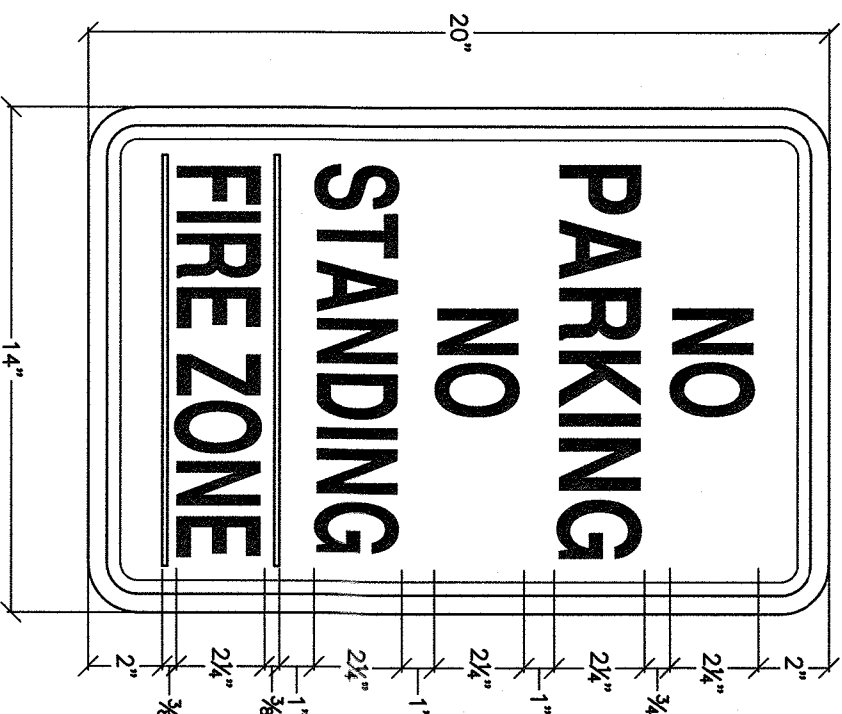
PROJECT NO. 21044
DRAWN: JO
CHECKED: SS
SCALE: N.T.S.
GRAPHIC SCALE
DATE: 04/20/2021
DRAWING NO. 10

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TOWN OF ORANGETOWN
BUILDING DEPARTMENT
MAY 5 2021





NOTE:
PAINT STRIPES WITH BRIGHT YELLOW
EXTENSION GRADE FOLDOWN PAINT
FIRE ZONE STRIPING
N.T.S.



NO PARKING / NO STANDING SIGN
N.T.S.

RECEIVED
MAY 5 2021
TOWN OF ORANGE
BUILDING DEPARTMENT

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PROJECT:	TITLE:	PROJECT NO.:	DRAWN: CHECKED:
21044	JO	SS	
DATE:	GRAPHIC SCALE:	1"=50'	DRAWING NO.:
04/30/2021			13