

GENERAL LANDSCAPE/PLANTING NOTES

1. THIS PLAN IS BASED ON THE PRESENTATION OF THE LANDSCAPE ARCHITECT. THE LANDSCAPE ARCHITECT HAS CONDUCTED VISUAL ANALYSIS OF THE SITE AND HAS IDENTIFIED THE AREAS WHERE PLANTING IS REQUIRED. THE LANDSCAPE ARCHITECT HAS CONDUCTED VISUAL ANALYSIS OF THE SITE AND HAS IDENTIFIED THE AREAS WHERE PLANTING IS REQUIRED.
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LANDSCAPE MAINTENANCE CHECKLIST

1. PRUNE TREES TO REMOVE DEAD AND DISEASED WOOD AND TO IMPROVE OVERALL HABIT.
2. PRUNE SHRUBS AS NEEDED, AFTER FLOWERING ONLY. PRUNE AT LEAST ONCE PER YEAR.
3. PRUNE TREES TO REMOVE DEAD AND DISEASED WOOD AND TO IMPROVE OVERALL HABIT.
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SEEDING NOTES

1. DISTURBED AREAS, UNLESS OTHERWISE NOTED, SHALL BE PLANTED AS LAWNS.
2. TOP SOIL SHALL BE SPREAD OVER ALL DISTURBED AREAS TO A MINIMUM DEPTH OF 6" WHEN COMPACTED (SEE SPECIFICATIONS).
3. FERTILIZER AND LIME SHALL BE APPLIED AT SUCH RATES DETERMINED NECESSARY FOR PERFORMING A SOIL TEST PRIOR TO START OF CONSTRUCTION.
4. AREAS TO BE SEEDING SHALL BE SEEDING WITH SELECT HIGH QUALITY SEED. SEEDING MIXTURE AND SEEDING RATE SHALL BE AS SPECIFIED BELOW TO ENSURE AND EVEN DISTRIBUTION OF SEED. SEEDING SHALL BE COMPLETED WITHIN 14 DAYS OF THE SECOND SOWING PERPENDICULAR TO THE FIRST. THE RATE OF EACH SOWING SHALL BE 1/2 THE TOTAL SEEDING RATE SPECIFIED BELOW. TO ENSURE QUALITY SEEDING, SEED SHALL BE PLANTED IN A MINIMUM OF 10" DEPTH.
5. AREAS TO BE SEEDING SHALL BE PLANTED WITHIN 14 DAYS OF THE SECOND SOWING PERPENDICULAR TO THE FIRST. THE RATE OF EACH SOWING SHALL BE 1/2 THE TOTAL SEEDING RATE SPECIFIED BELOW. TO ENSURE QUALITY SEEDING, SEED SHALL BE PLANTED IN A MINIMUM OF 10" DEPTH.
6. ON SLOPES GREATER THAN 3:1, MULCH SHALL BE STABILIZED IN ACCORDANCE WITH NJ DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
7. SEEDING SHALL BE WATERED DAILY TO INSURE GOOD GERMINATION. ONCE SEEDS HAVE GERMINATED, IRRIGATION MAY BE DECREASED BUT THE SEEDLINGS MUST NEVER BE ALLOWED TO DRY OUT COMPLETELY. FERTILIZER SHALL BE APPLIED TO THE SEEDS AS THEY BECOME SUFFICIENTLY ESTABLISHED TO WARRANT WATERING ON AN "AS NEEDED" BASIS.

LAWN SEED MIX

- 28.10% TALL FESCUE "TALL"
 - 28.10% TALL FESCUE "TALL"
 - 28.10% TALL FESCUE "TALL"
 - 14.70% KENTUCKY BLUEGRASS "BLUE COAT"
- SEED IS TO BE UNIFORMITY APPLIED AT THE RATE INSTALLED PER MANUFACTURER'S SPECIFICATION.

NOTICE TO CONTRACTOR

ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT THE LANDSCAPE ARCHITECT HAS CONDUCTED VISUAL ANALYSIS OF THE SITE AND HAS IDENTIFIED THE AREAS WHERE PLANTING IS REQUIRED. THE LANDSCAPE ARCHITECT HAS CONDUCTED VISUAL ANALYSIS OF THE SITE AND HAS IDENTIFIED THE AREAS WHERE PLANTING IS REQUIRED.

CRUSHED STONE DETAIL

NOT TO SCALE

CRUSHED STONE
4" THICK (TYP.)

DECORATIVE STONE DETAIL

NOT TO SCALE

2"-3" RIVER STONE
4" THICK (TYP.)

LANDSCAPE FABRIC

NOT TO SCALE

CENTRAL AVENUE
(100' R.O.W.)

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CENTRAL AVENUE
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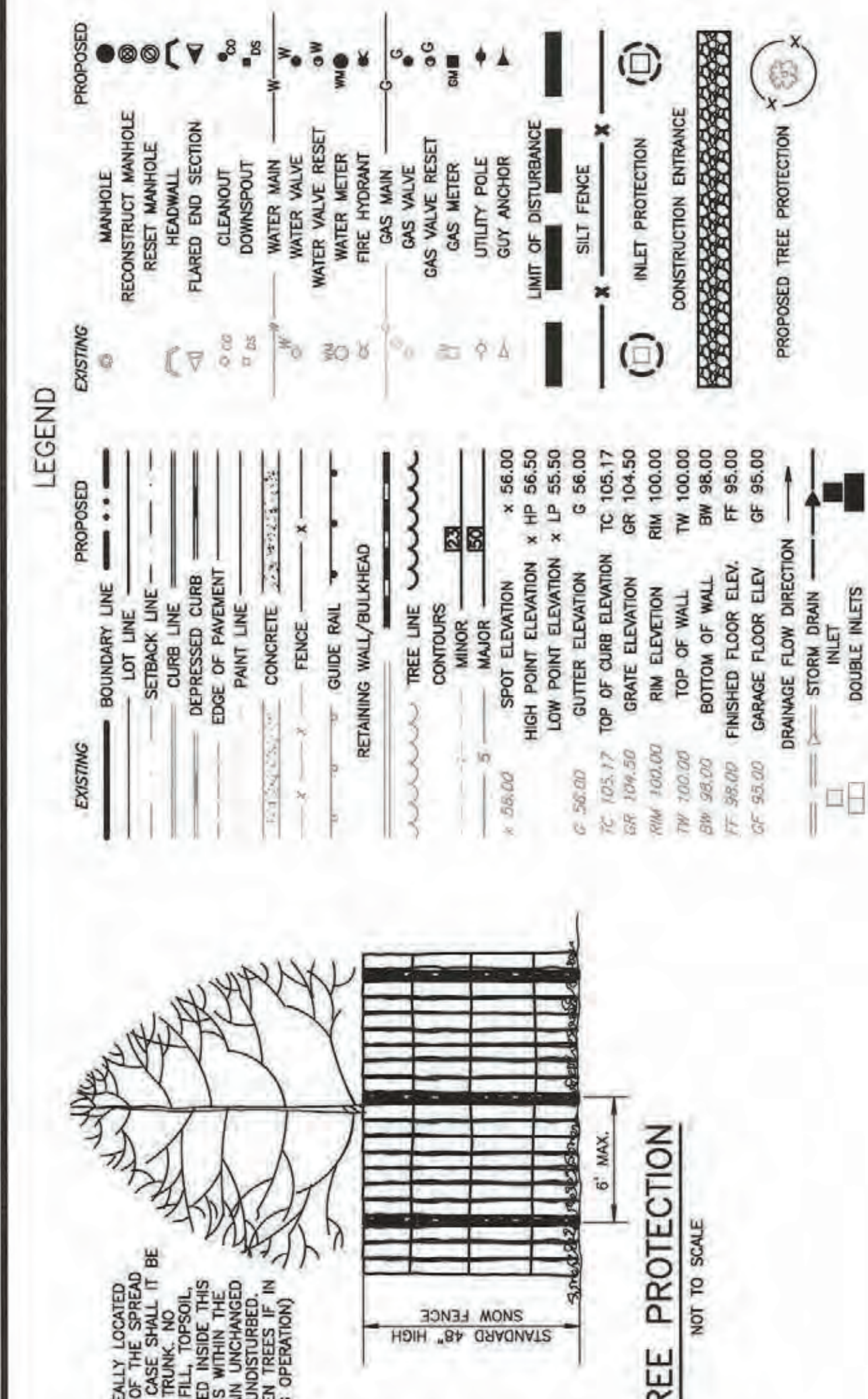
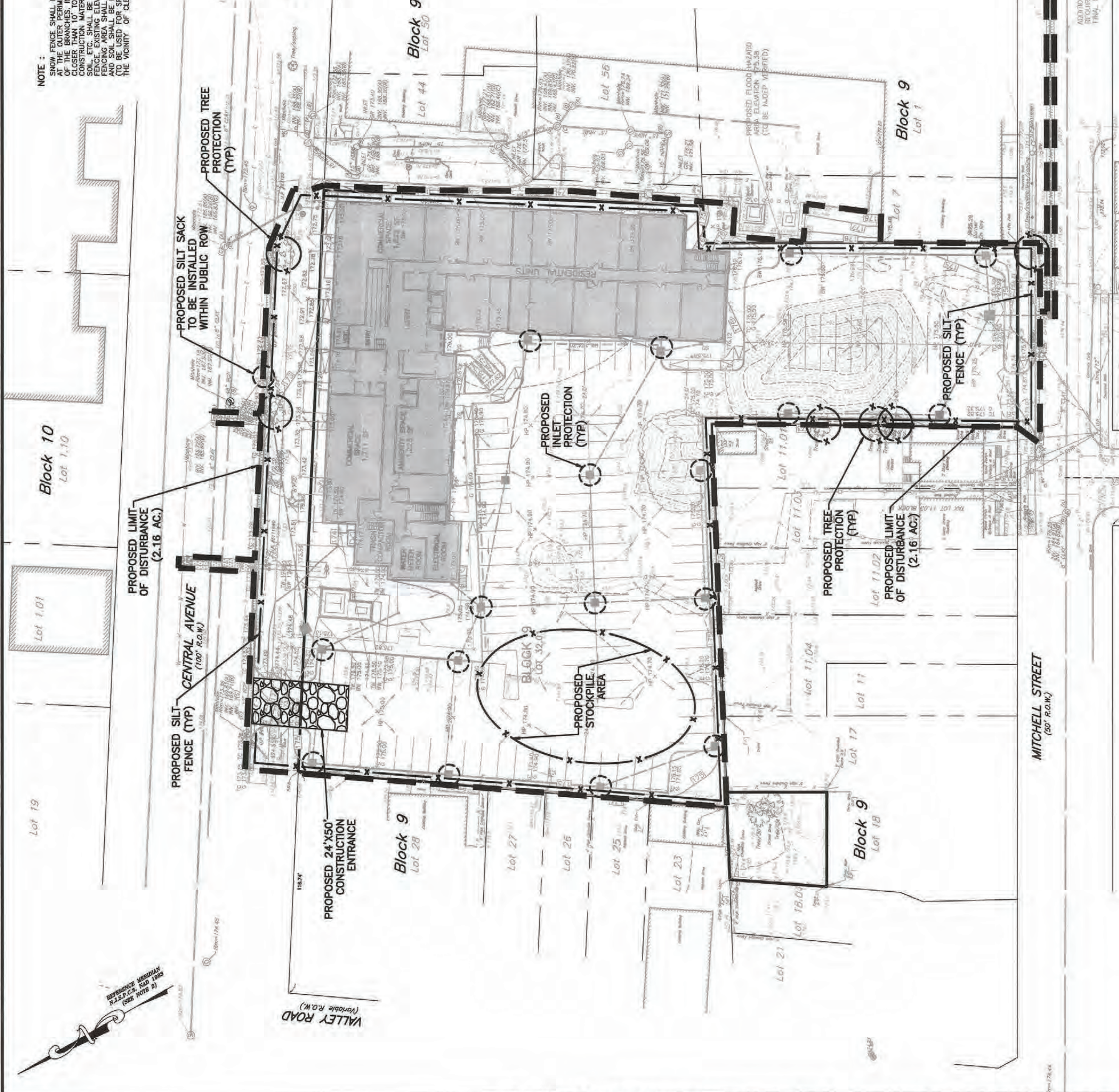
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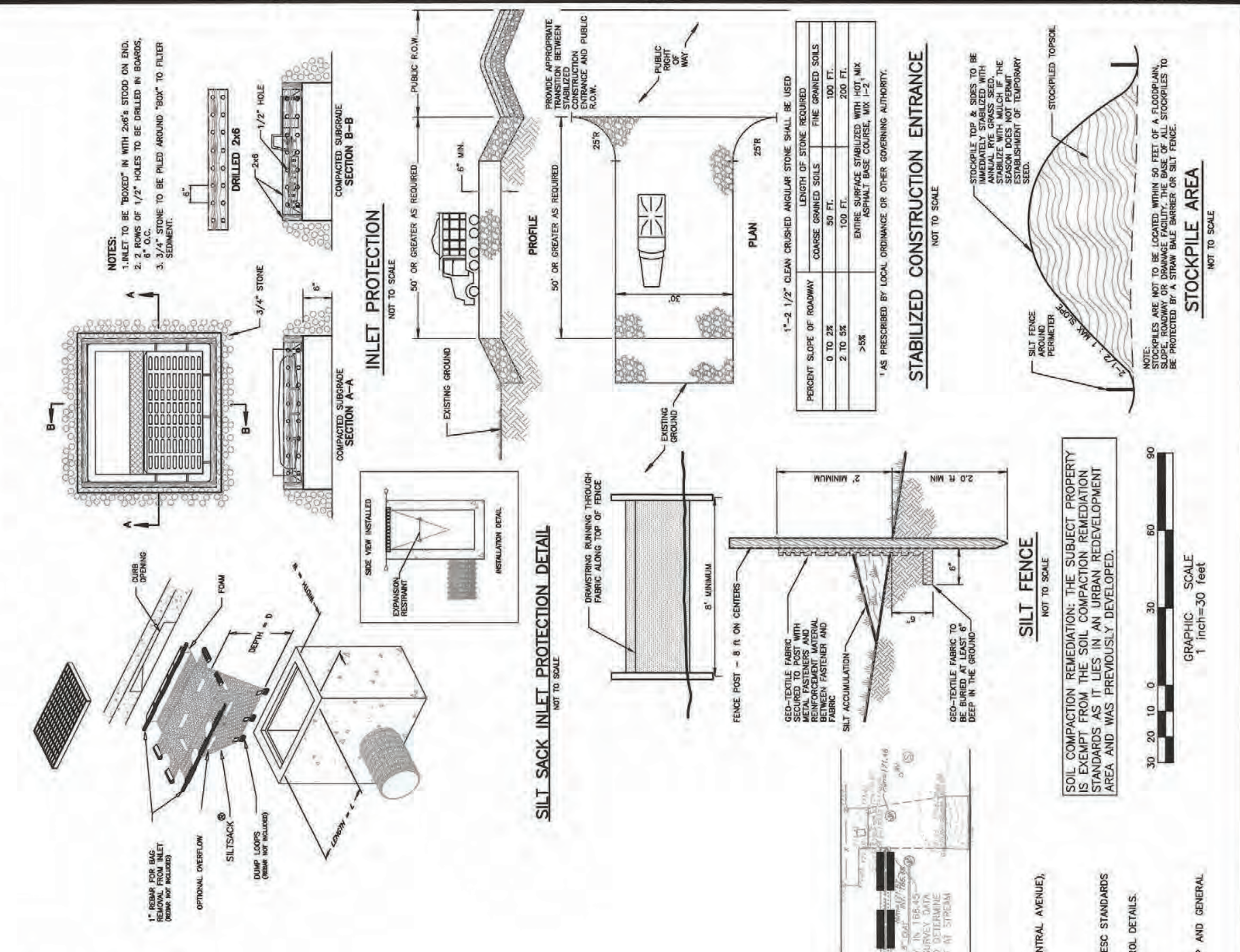


NO.	DESCRIPTION	DATE	DES.	REV.	REL.
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SEAN M. SAVAGE, P.E.
NEW JERSEY PROFESSIONAL ENGINEER
NEW LICENSE NO. 24GE04451000
DATE 3/1/2021

MATRIXNEWORLD
Engineering Progress
Matrix New World Engineering, Land Surveying
and Landscape Architecture, P.C.
442 State Route 35, Second Floor
Eatontown, New Jersey 07724
Tel: 732-688-2999
Fax: 973-240-1818
www.matrixnewworld.com
NEW JERSEY CERTIFICATE OF AUTHORIZATION NO. 24GA27962300
VBE / DBE

SOIL EROSION AND SEDIMENT CONTROL
PLAN AND DETAILS
PRELIMINARY & FINAL MAJOR SITE PLAN
BLOCK 9 - LOT 32 & 36
SITUATED IN
TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY
PROJECT NUMBER: LD19-63
DATE: 12/16/2020
SCALE: 1"=30'
SHEET 10 OF 15



- [illegible]

CONSTRUCTION SITE WASTE CONTROL
COMPONENT OF THE STORMWATER POLLUTION
PREVENTION PLAN (SPPP)

- [illegible]

[illegible]

- PURPOSE**
To provide minimum standards for the design, construction, and maintenance of surface drainage and control systems.
- WHERE APPLIED**
These standards shall apply to all new and existing surface drainage and control systems.
- DESIGN CRITERIA**
1. The design of surface drainage and control systems shall be based on the following criteria:
a. The design shall be based on the latest available data and information.
b. The design shall be based on the latest available standards and specifications.
c. The design shall be based on the latest available engineering practices.
d. The design shall be based on the latest available materials and equipment.
- CONSTRUCTION CRITERIA**
1. The construction of surface drainage and control systems shall be based on the following criteria:
a. The construction shall be based on the latest available data and information.
b. The construction shall be based on the latest available standards and specifications.
c. The construction shall be based on the latest available engineering practices.
d. The construction shall be based on the latest available materials and equipment.
- MAINTENANCE CRITERIA**
1. The maintenance of surface drainage and control systems shall be based on the following criteria:
a. The maintenance shall be based on the latest available data and information.
b. The maintenance shall be based on the latest available standards and specifications.
c. The maintenance shall be based on the latest available engineering practices.
d. The maintenance shall be based on the latest available materials and equipment.
- TEST METHOD OPTIONS**
1. The test method options for surface drainage and control systems shall be based on the following criteria:
a. The test method options shall be based on the latest available data and information.
b. The test method options shall be based on the latest available standards and specifications.
c. The test method options shall be based on the latest available engineering practices.
d. The test method options shall be based on the latest available materials and equipment.
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b. The test method options shall be based on the latest available standards and specifications.
c. The test method options shall be based on the latest available engineering practices.
d. The test method options shall be based on the latest available materials and equipment.

STANDARD FOR LAND GRADING (CONT.)

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STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION

- ### MATERIALS AND METHODS
- It was deemed necessary to present the use of conventional equipment for the application of fertilizers and the use of the following fertilizers: 1. Nitrogen, 2. Phosphorus, 3. Potassium, 4. Sulfur, 5. Calcium, 6. Magnesium, 7. Zinc, 8. Copper, 9. Manganese, 10. Boron, 11. Molybdenum, 12. Nickel, 13. Cobalt, 14. Selenium, 15. Vanadium, 16. Silicon, 17. Fluorine, 18. Iodine, 19. Chlorine, 20. Bromine, 21. Strontium, 22. Barium, 23. Radium, 24. Actinium, 25. Thorium, 26. Uranium, 27. Plutonium, 28. Americium, 29. Curium, 30. Berkelium, 31. Californium, 32. Einsteinium, 33. Fermium, 34. Mendelevium, 35. Nobelium, 36. Lawrencium, 37. Rutherfordium, 38. Dubnium, 39. Seaborgium, 40. Bohrium, 41. Hassium, 42. Meitnerium, 43. Darmstadtium, 44. Roentgenium, 45. Copernicium, 46. Nihonium, 47. Flerovium, 48. Tennessine, 49. Oganesson, 50. Ununseptium, 51. Unbinilium, 52. Untrium, 53. Unquadium, 54. Unpentium, 55. Unhexium, 56. Unheptium, 57. Unoctium, 58. Unennium, 59. Unbinilium, 60. 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REVIEWED BY	CTD
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SEAN M. SAVAGE, P.E.	NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2468E445100

DATE	3/1/21
NEW JERSEY CERTIFICATE OF AUTHORIZATION NO.	246A27862300
WWW.MATRIXNEWORLD.COM	
TEL: 732-588-2999	
FAX: 973-240-1818	
442 State Route 35, Second Floor	
Easton, New Jersey 07724	
WBE / DBE	

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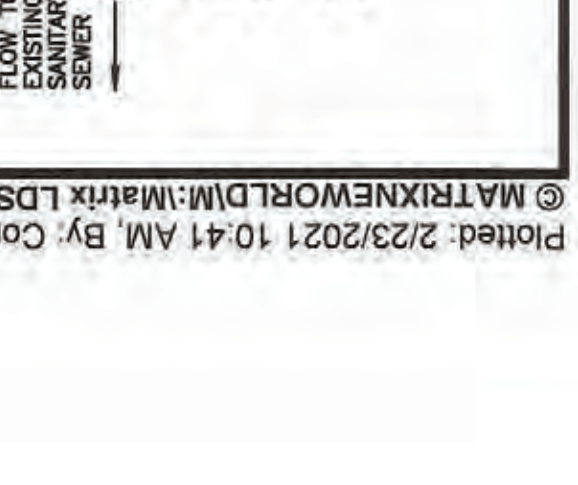
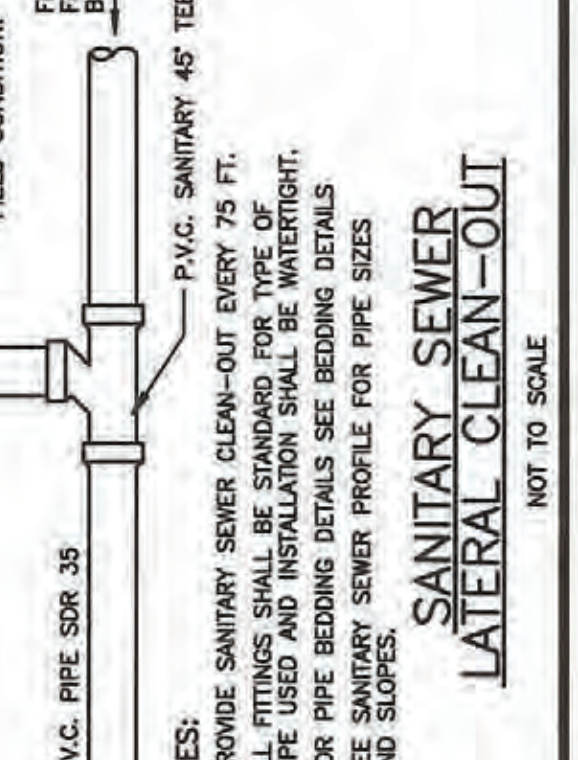
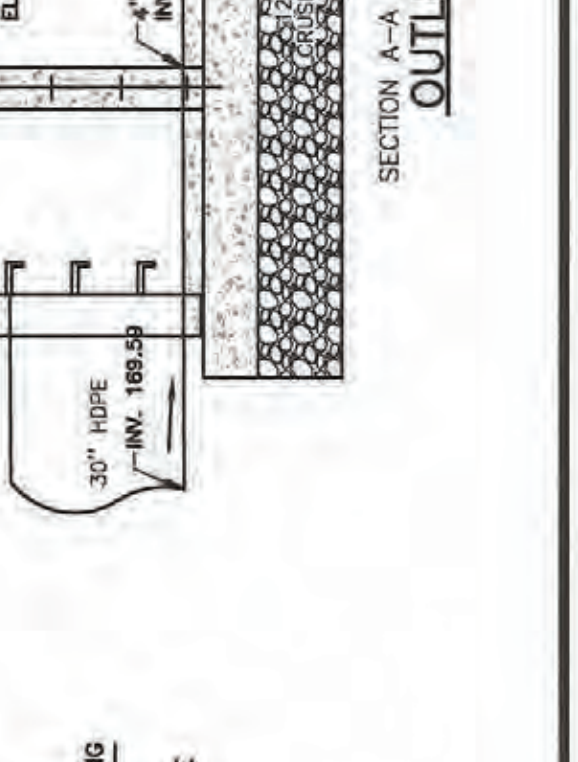
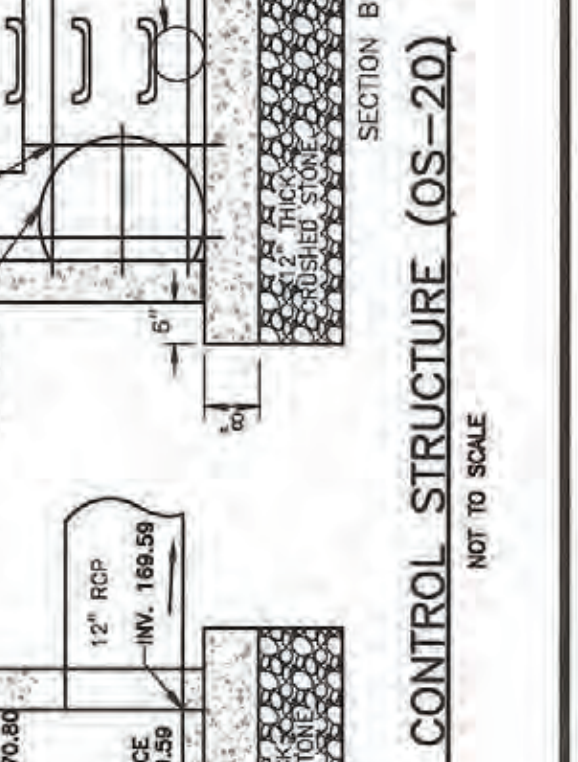
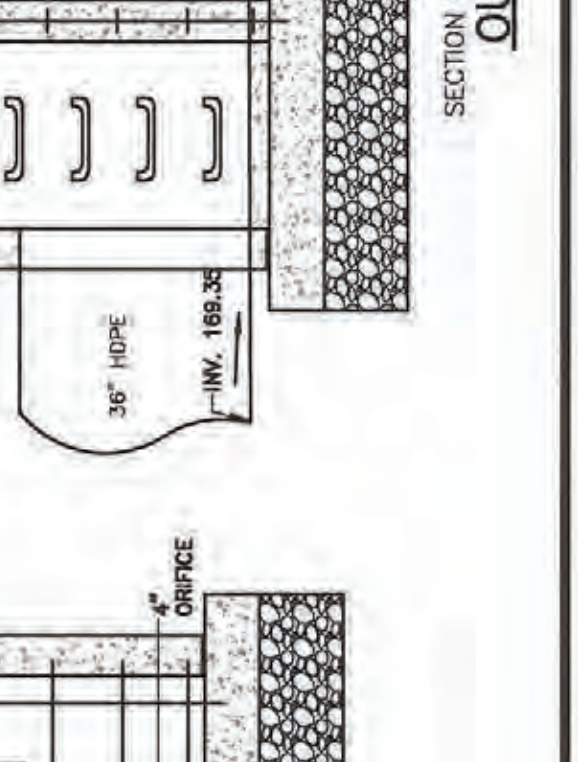
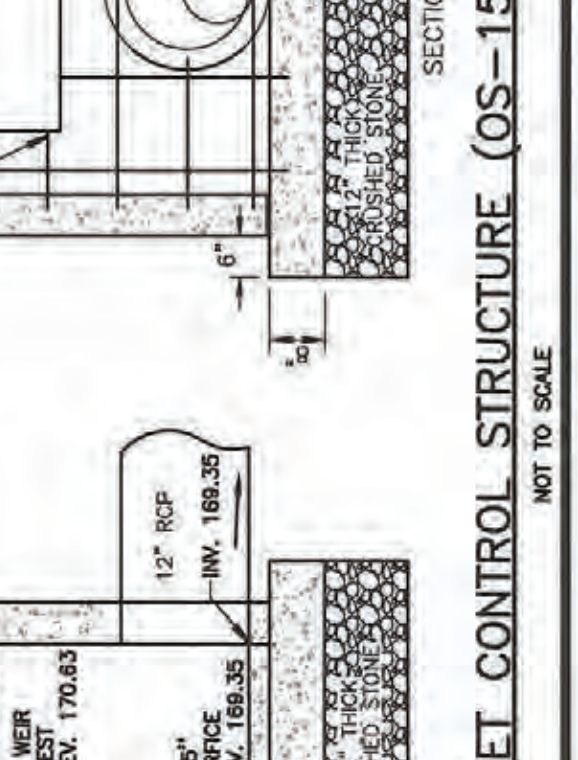
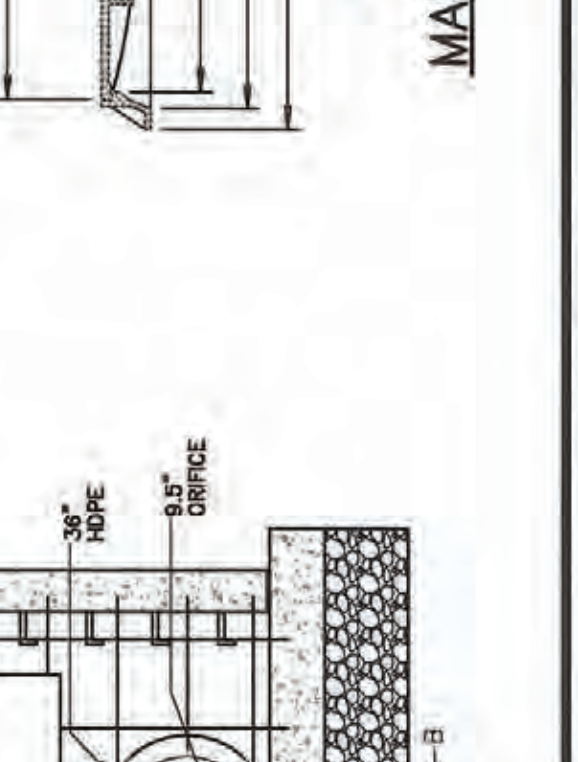
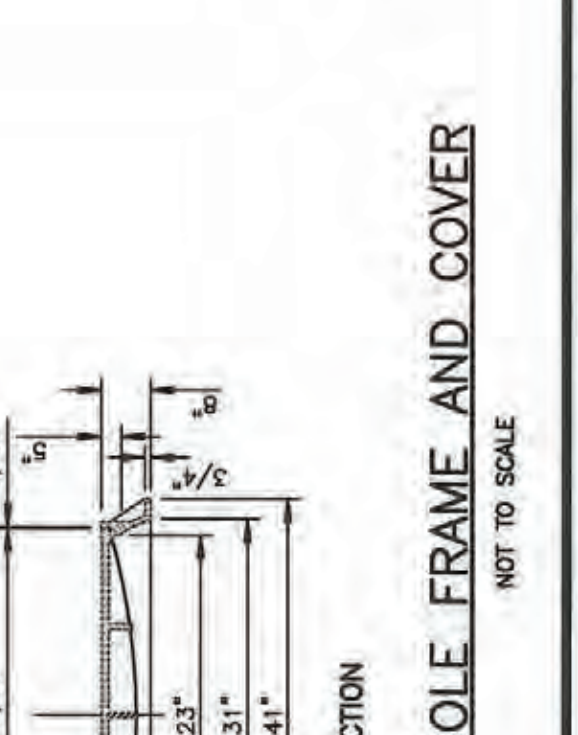
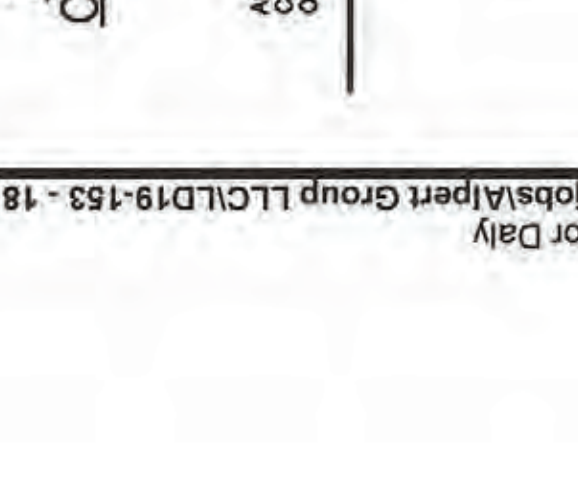
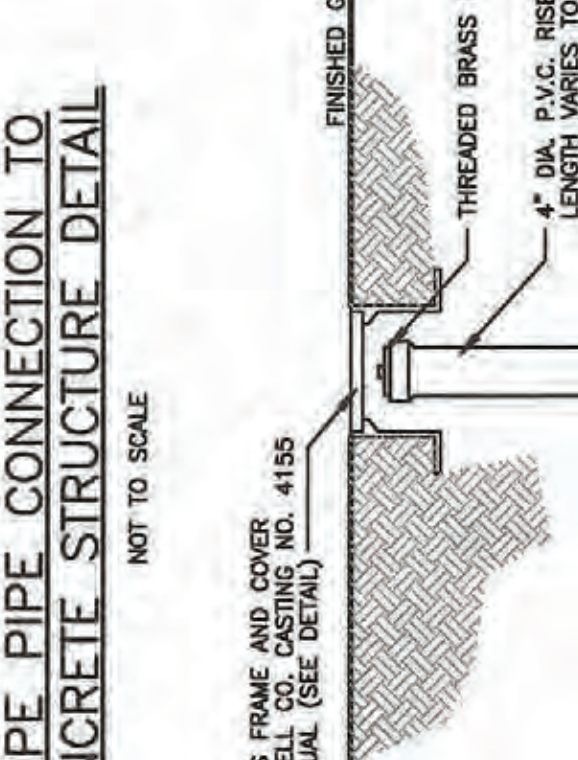
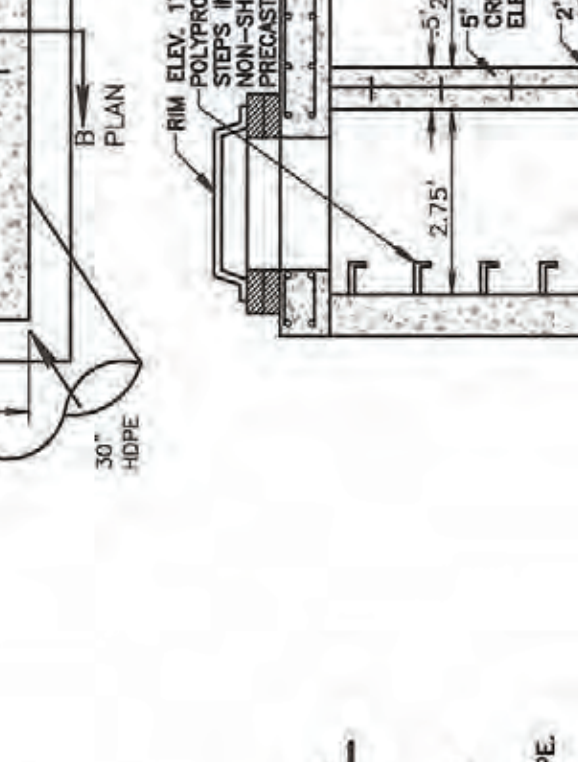
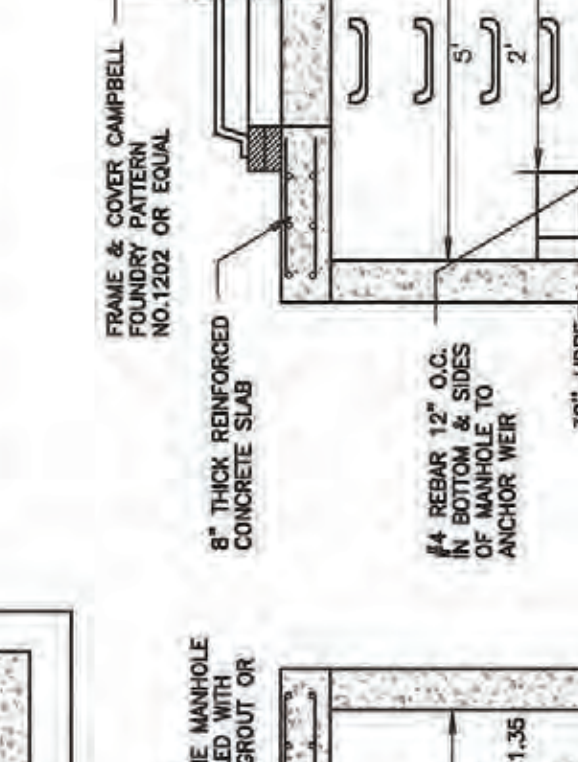
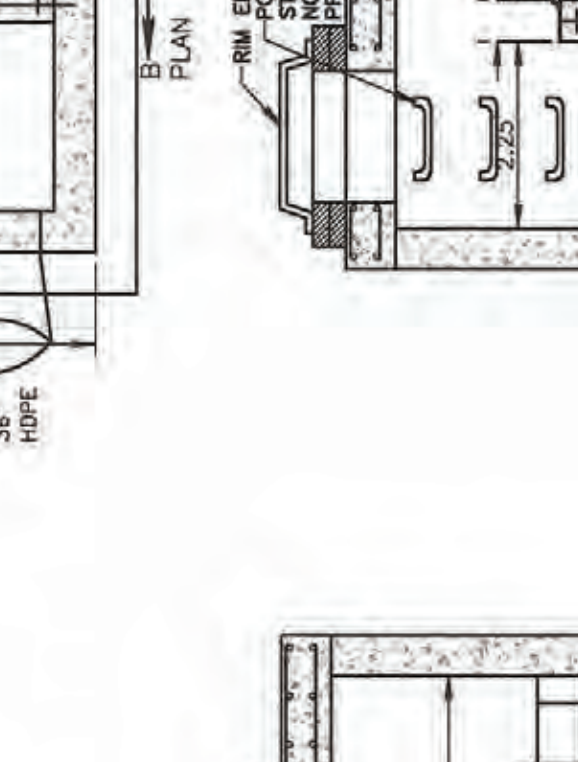
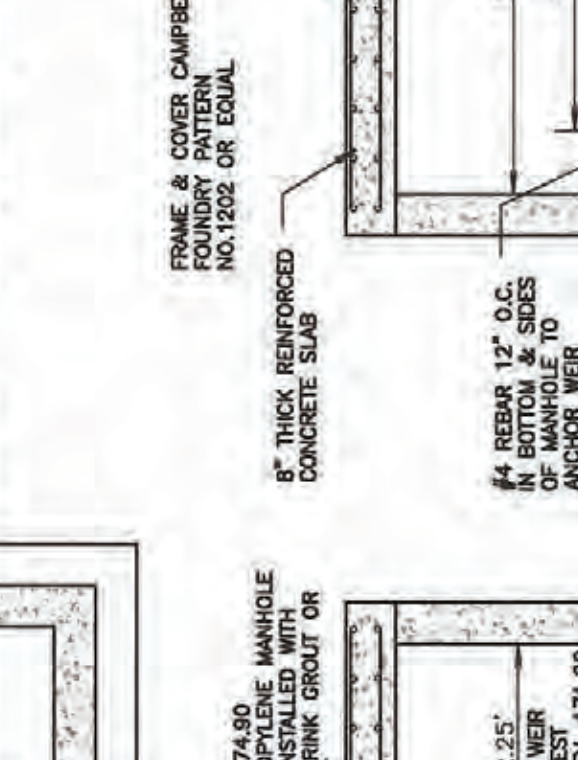
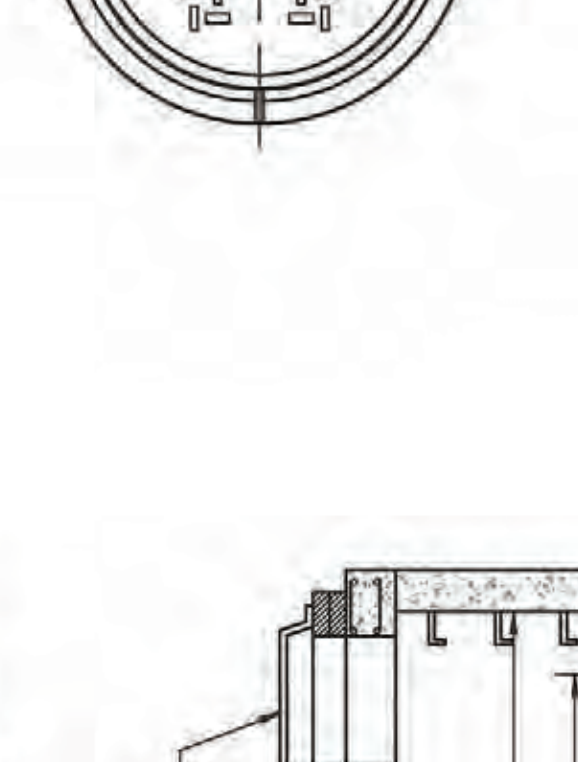
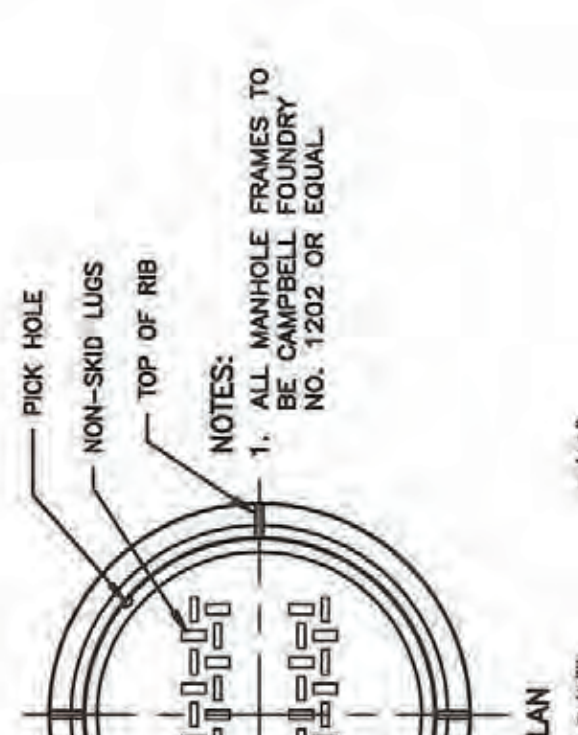
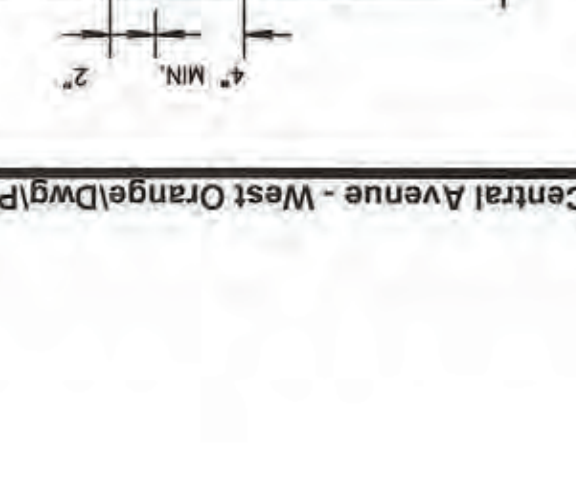
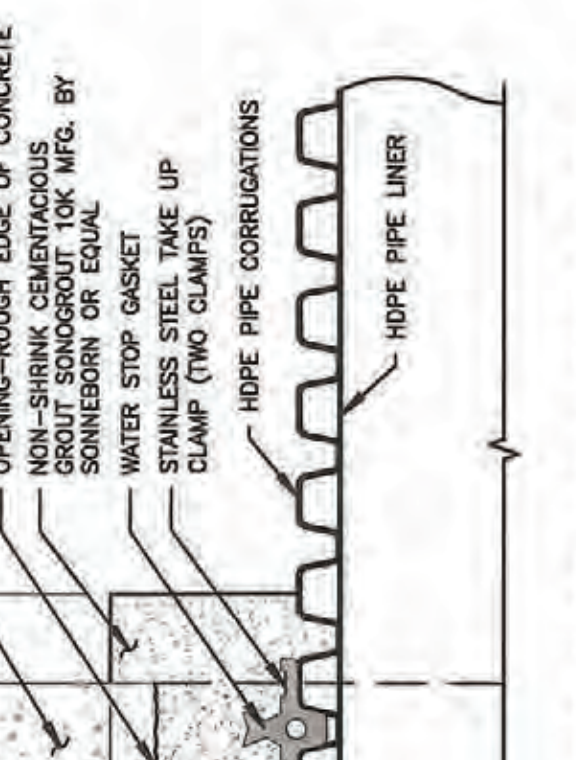
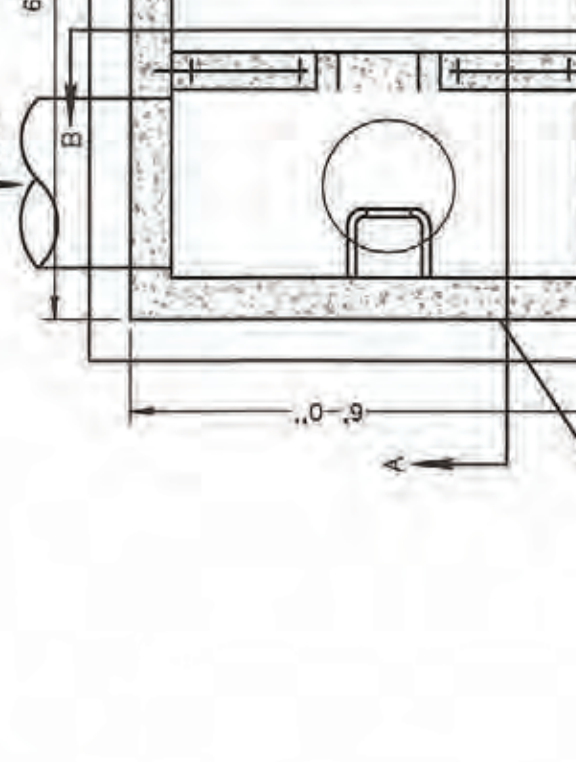
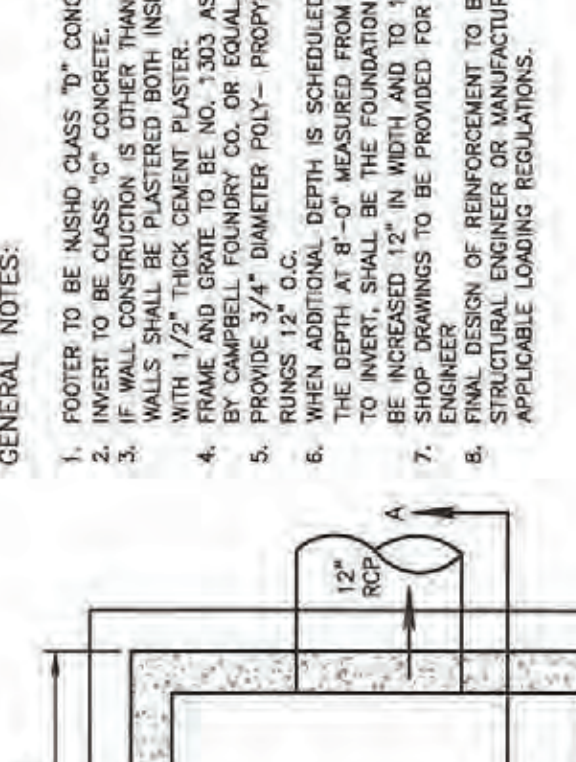
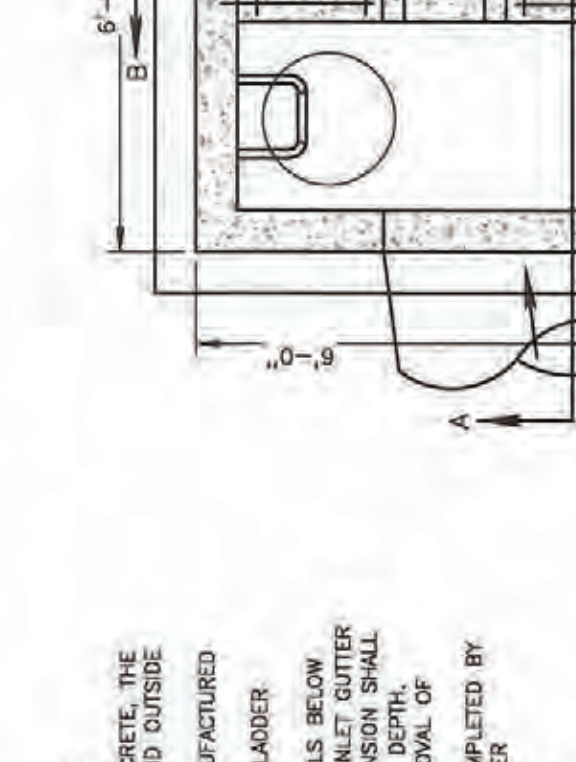
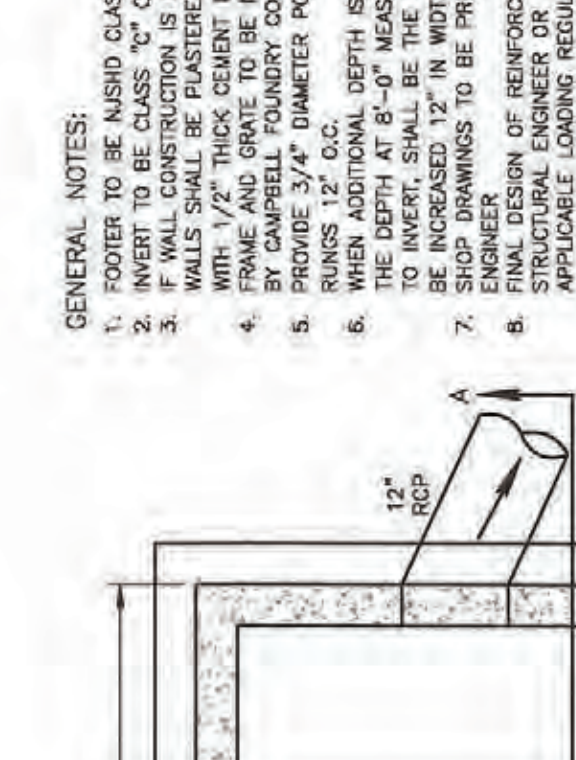
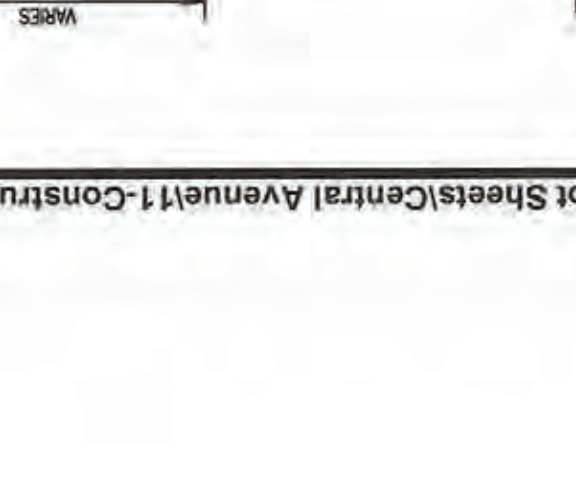
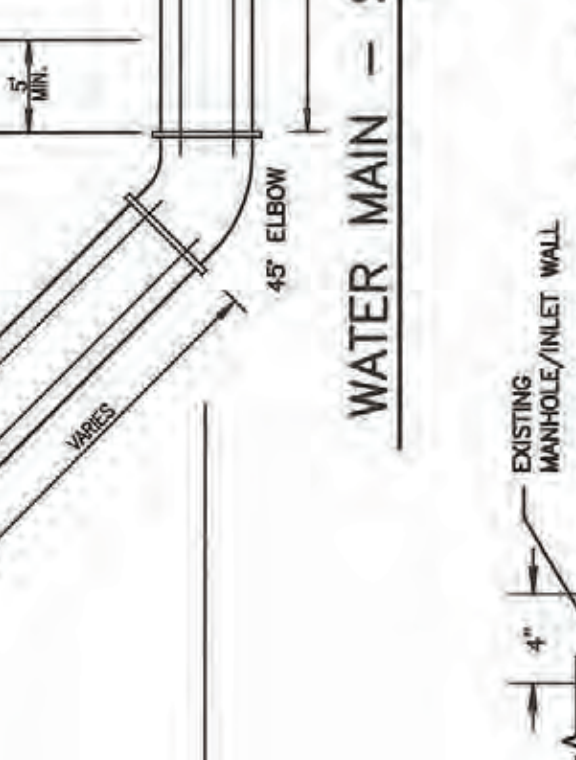
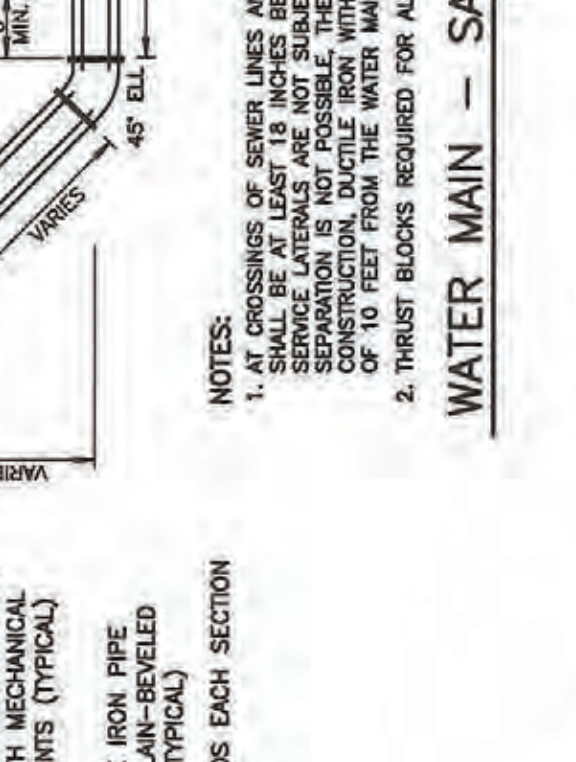
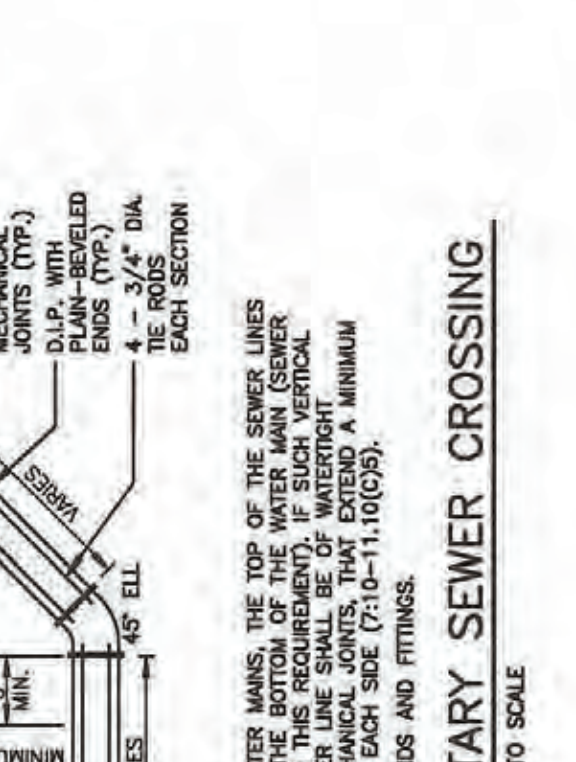
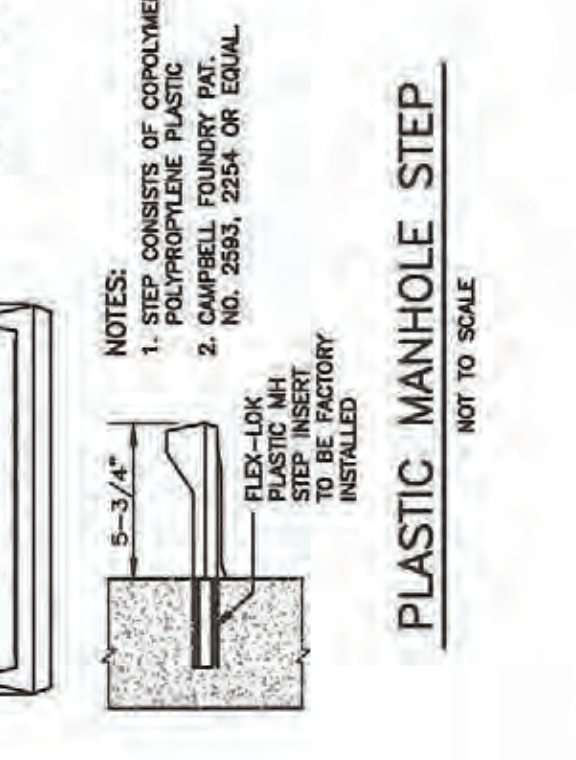
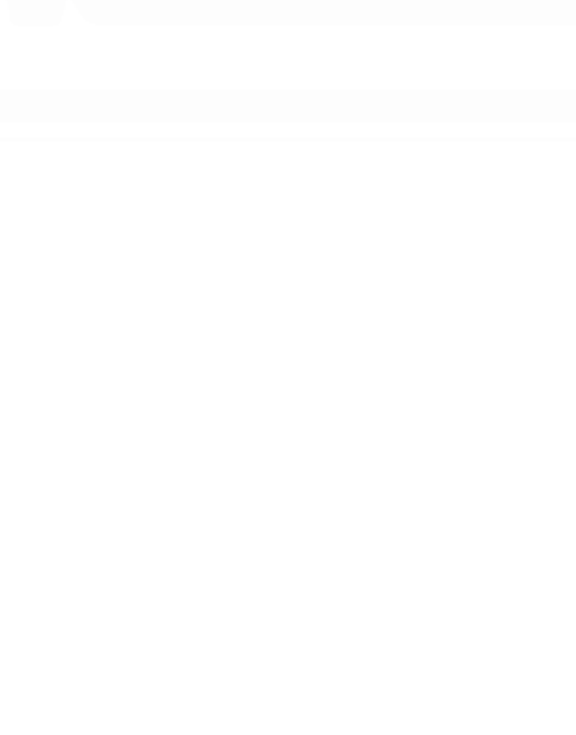
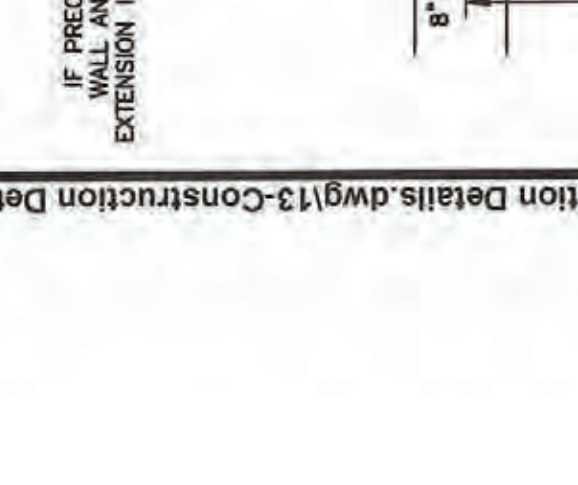
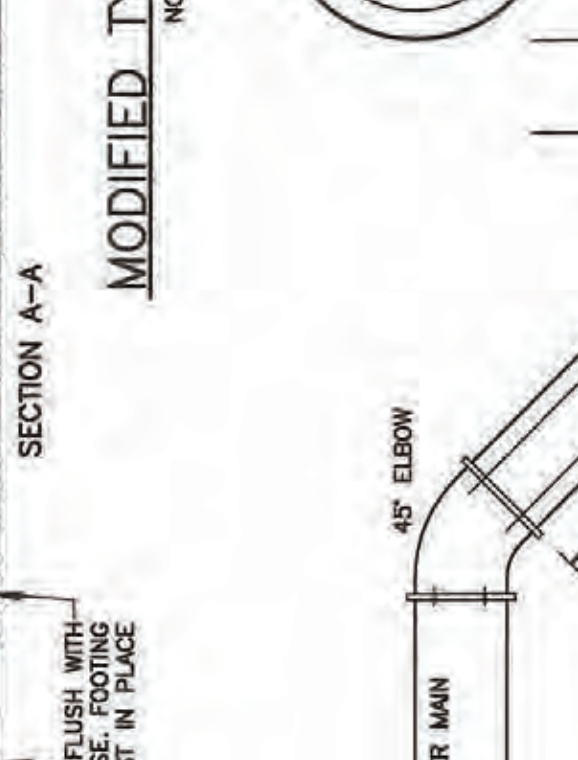
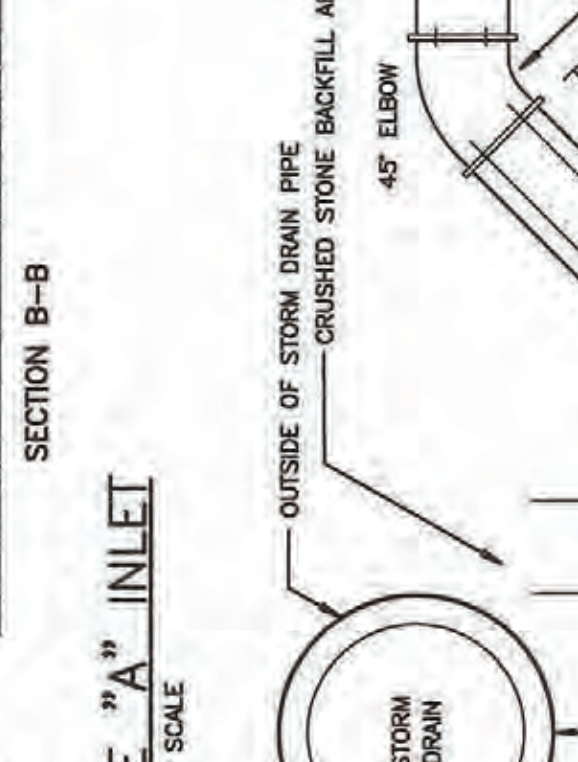
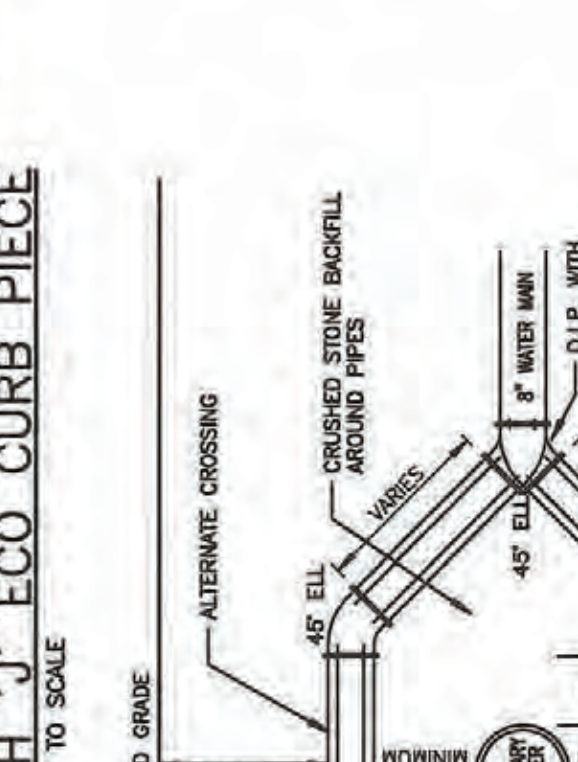
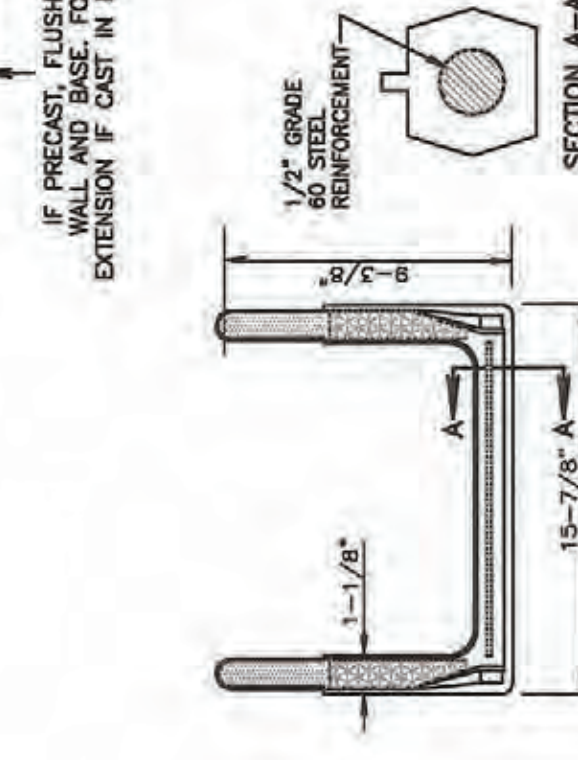
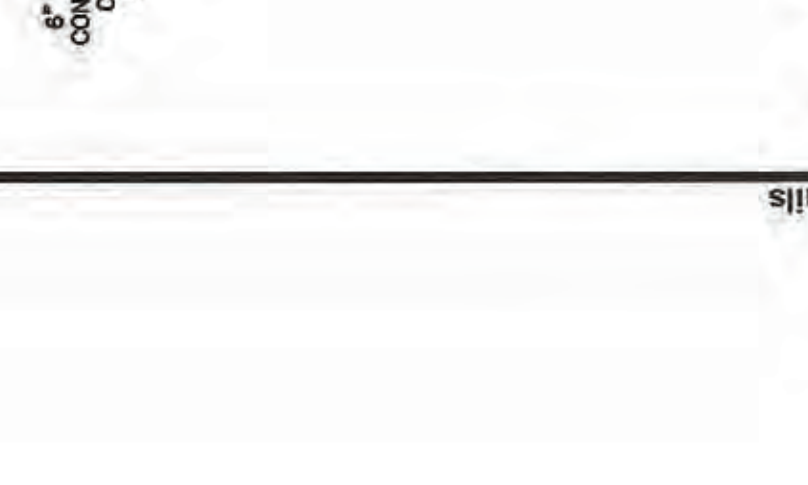
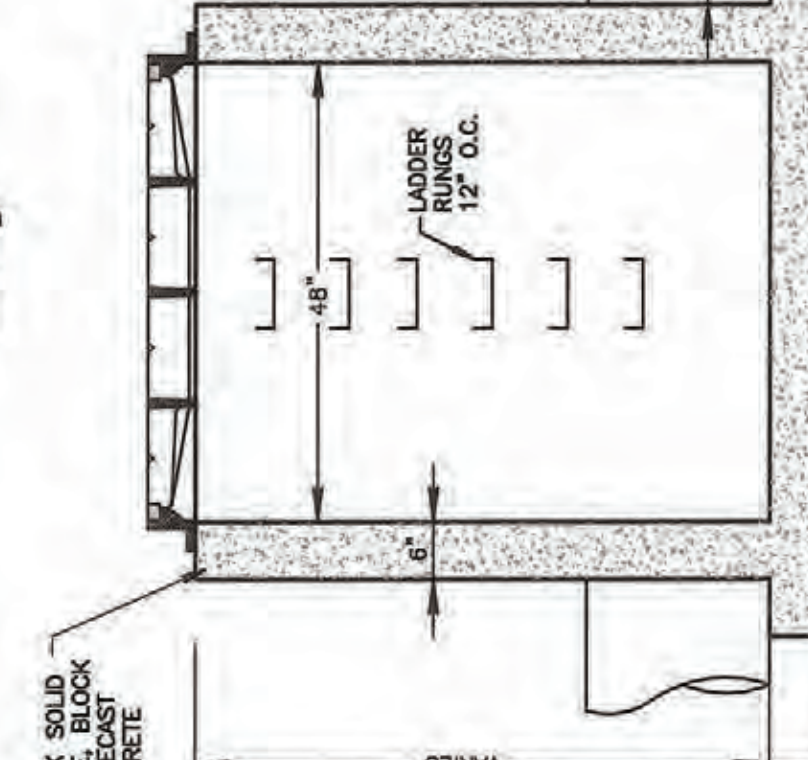
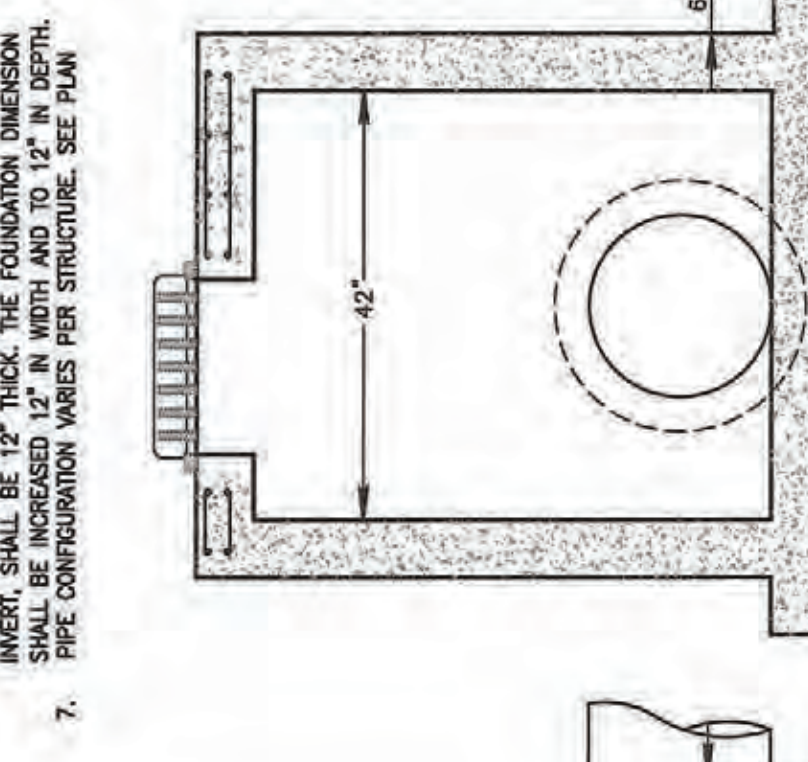
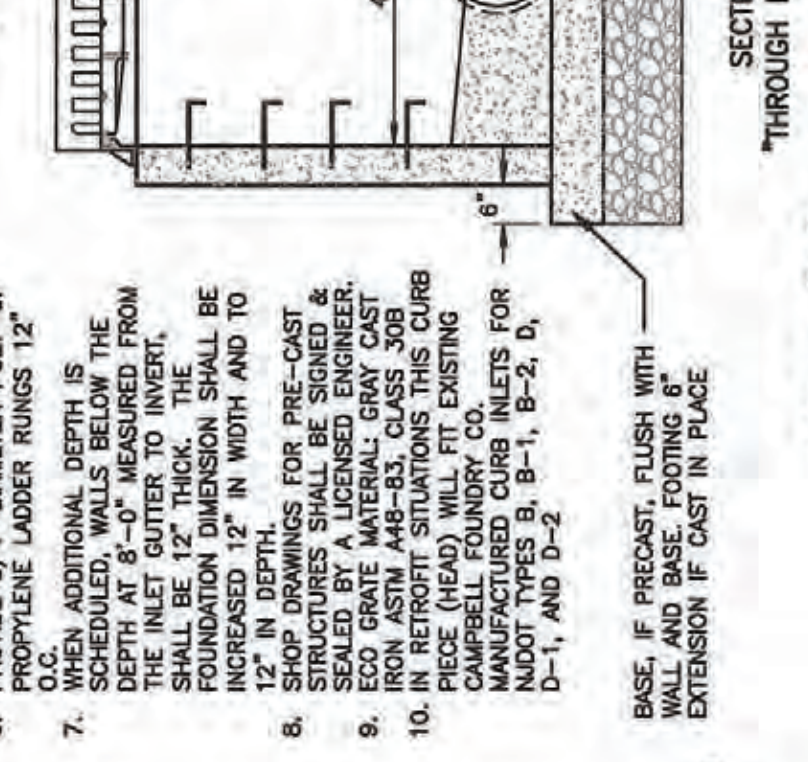
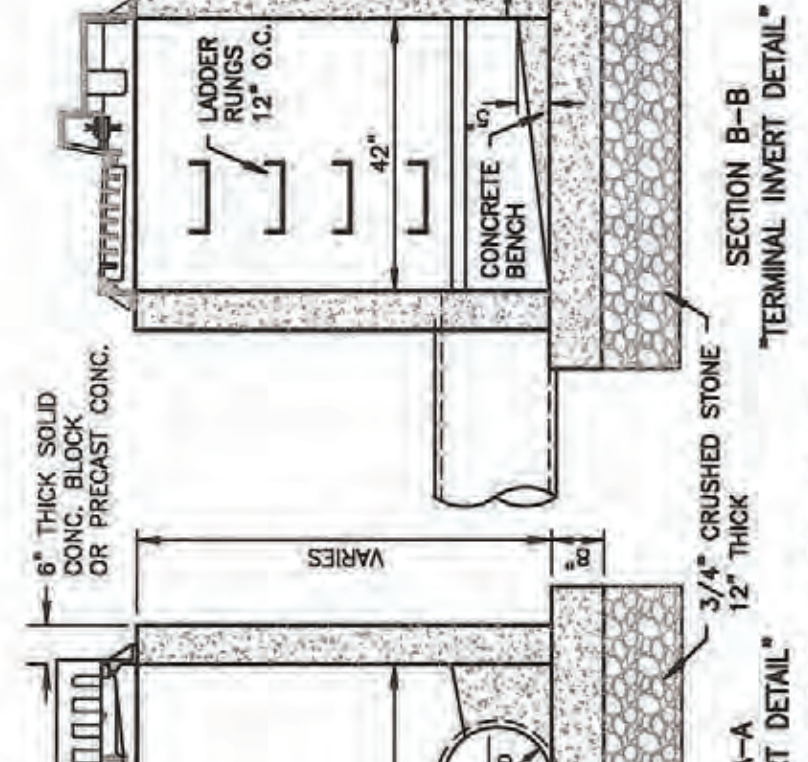
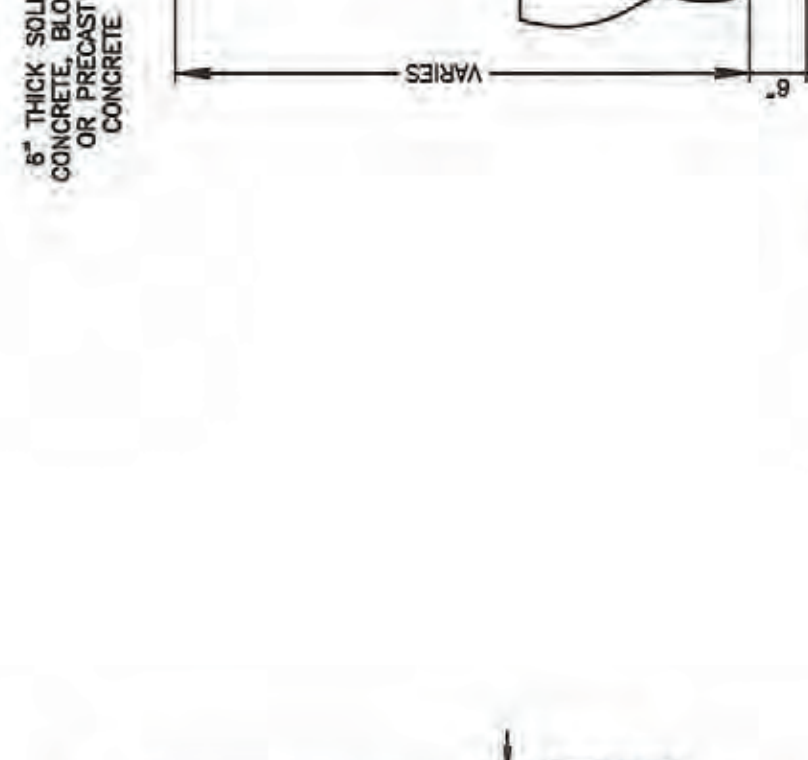
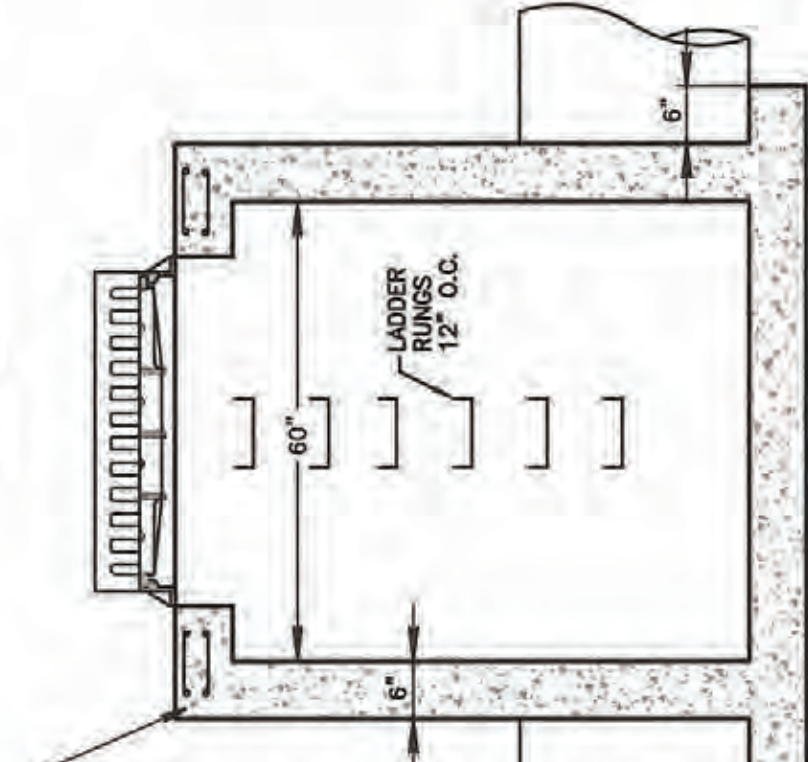
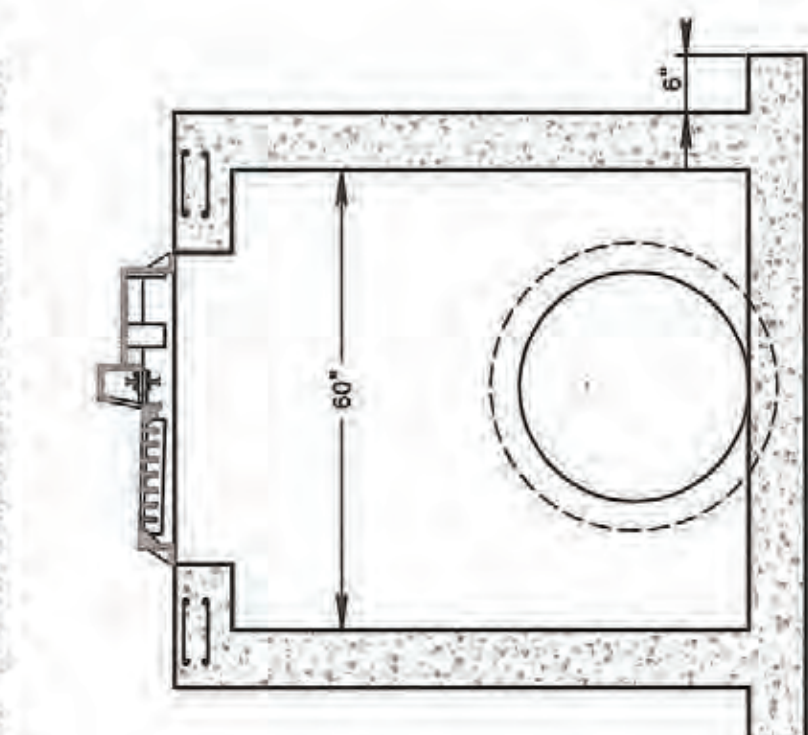
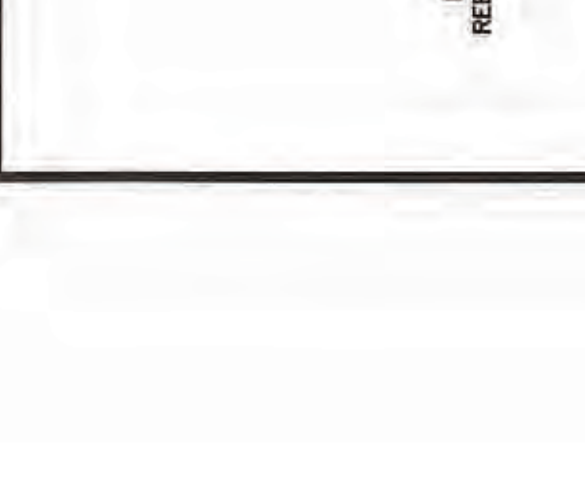
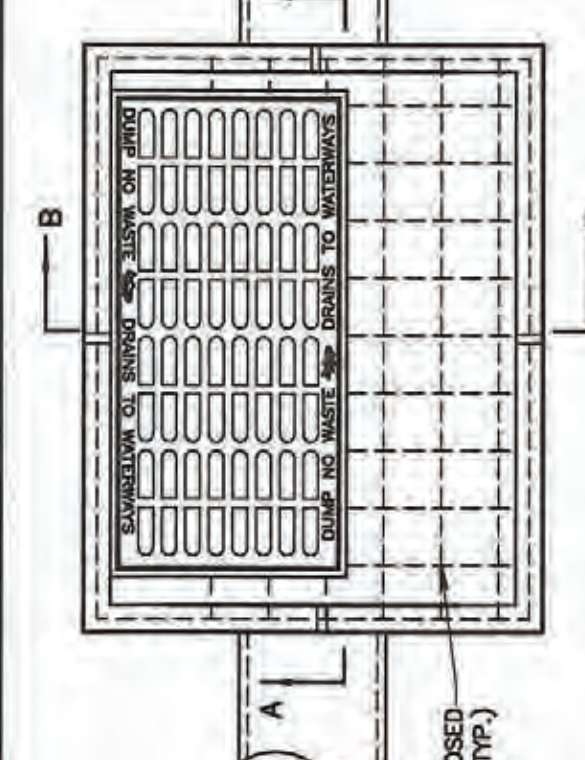
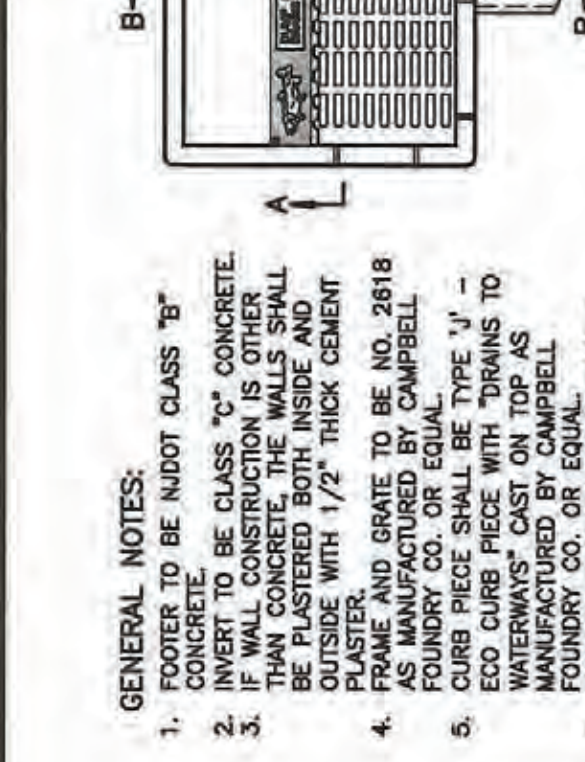
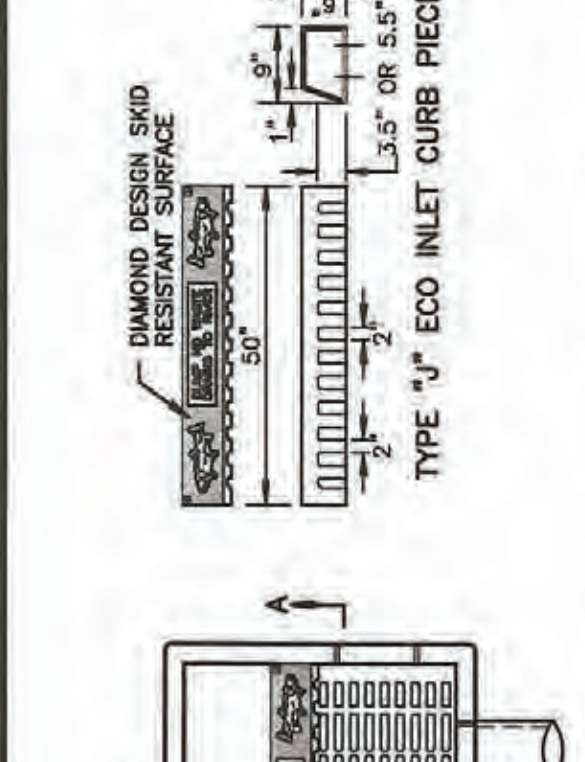
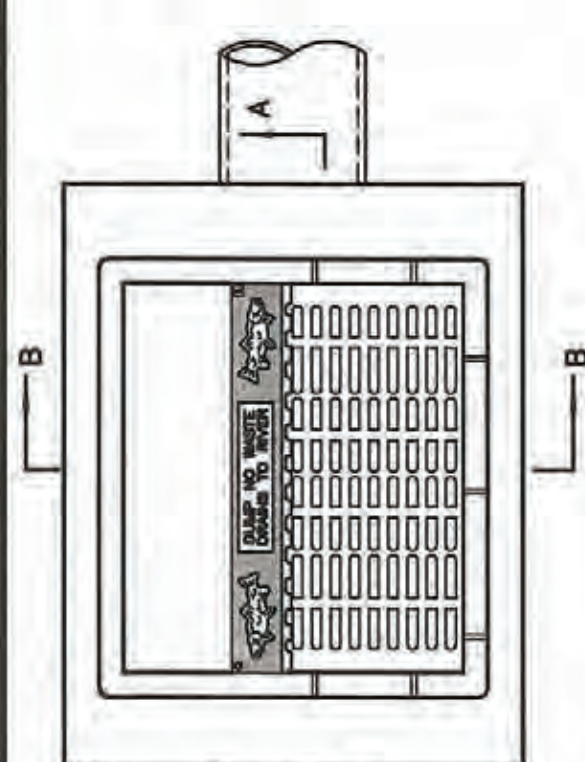
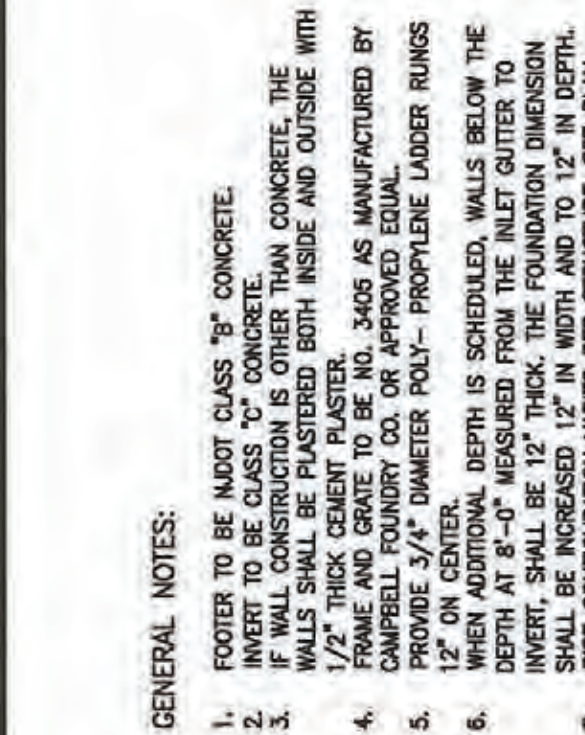
DESIGNED BY	CTD
REVIEWED BY	CTD
RELEASED BY	SMS
SEAN M. SAVAGE, P.E.	NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 2468E445100

DATE	3/1/21
NEW JERSEY CERTIFICATE OF AUTHORIZATION NO.	246A27862300
WWW.MATRIXNEWORLD.COM	
TEL: 732-588-2999	
FAX: 973-240-1818	
442 State Route 35, Second Floor	
Easton, New Jersey 07724	
WBE / DBE	

REVISIONS			
NO.	DESCRIPTION	DATE:	DES.
1	NO REVISION THIS SHEET	02/23/21	LD
			SS
			JMS

REVISIONS					
NO.	DESCRIPTION	DATE	DES.	REV.	REL.
1	NO REVISION THIS SHEET	02/23/21	GP	SS	SMJ

NO.	DESCRIPTION	DATE	DES.	REV.	REL.
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NO.	DESCRIPTION	DATE	DES.	REV.	REL.
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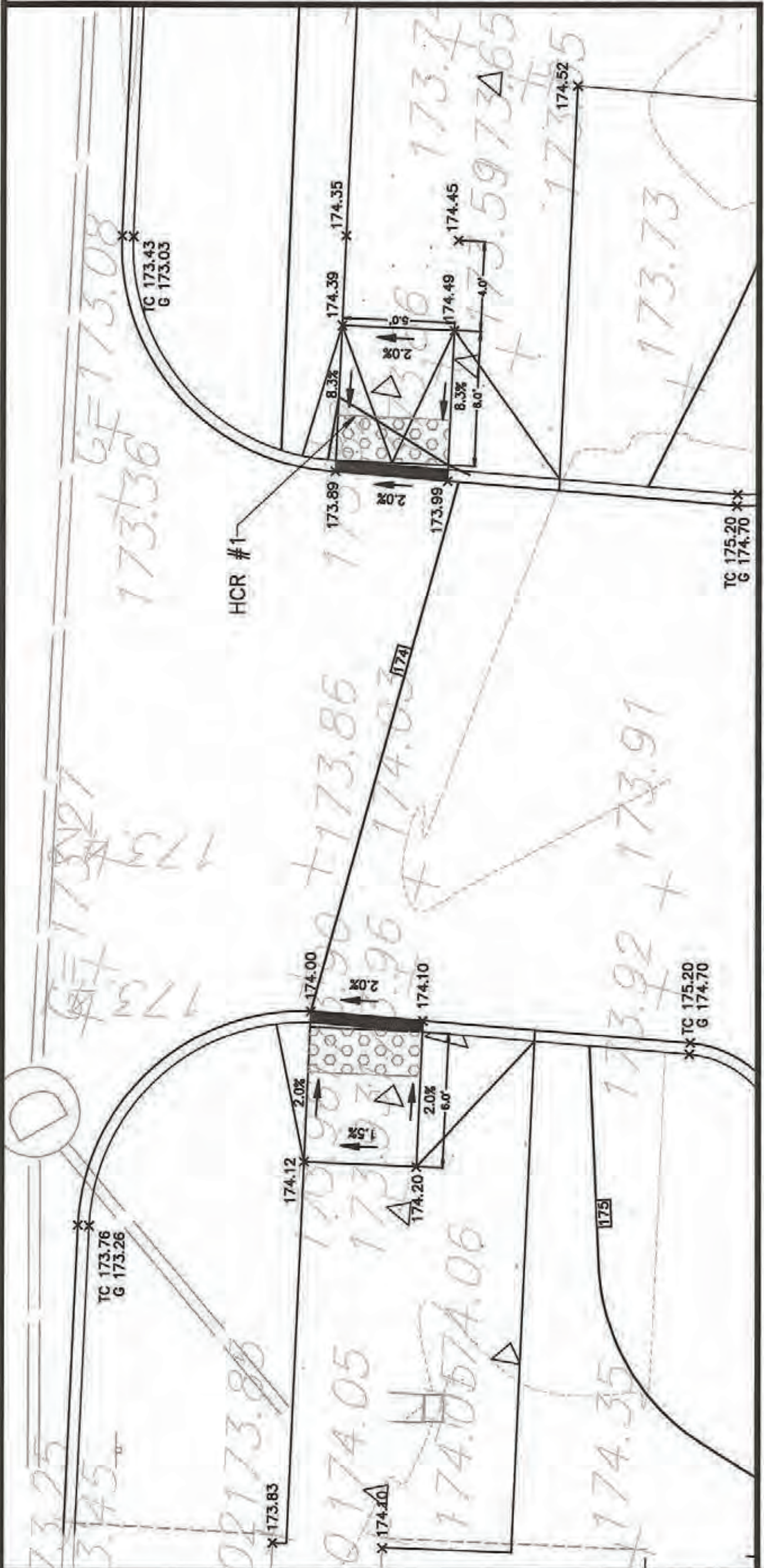
RIB

WHOLE FRAMES TO

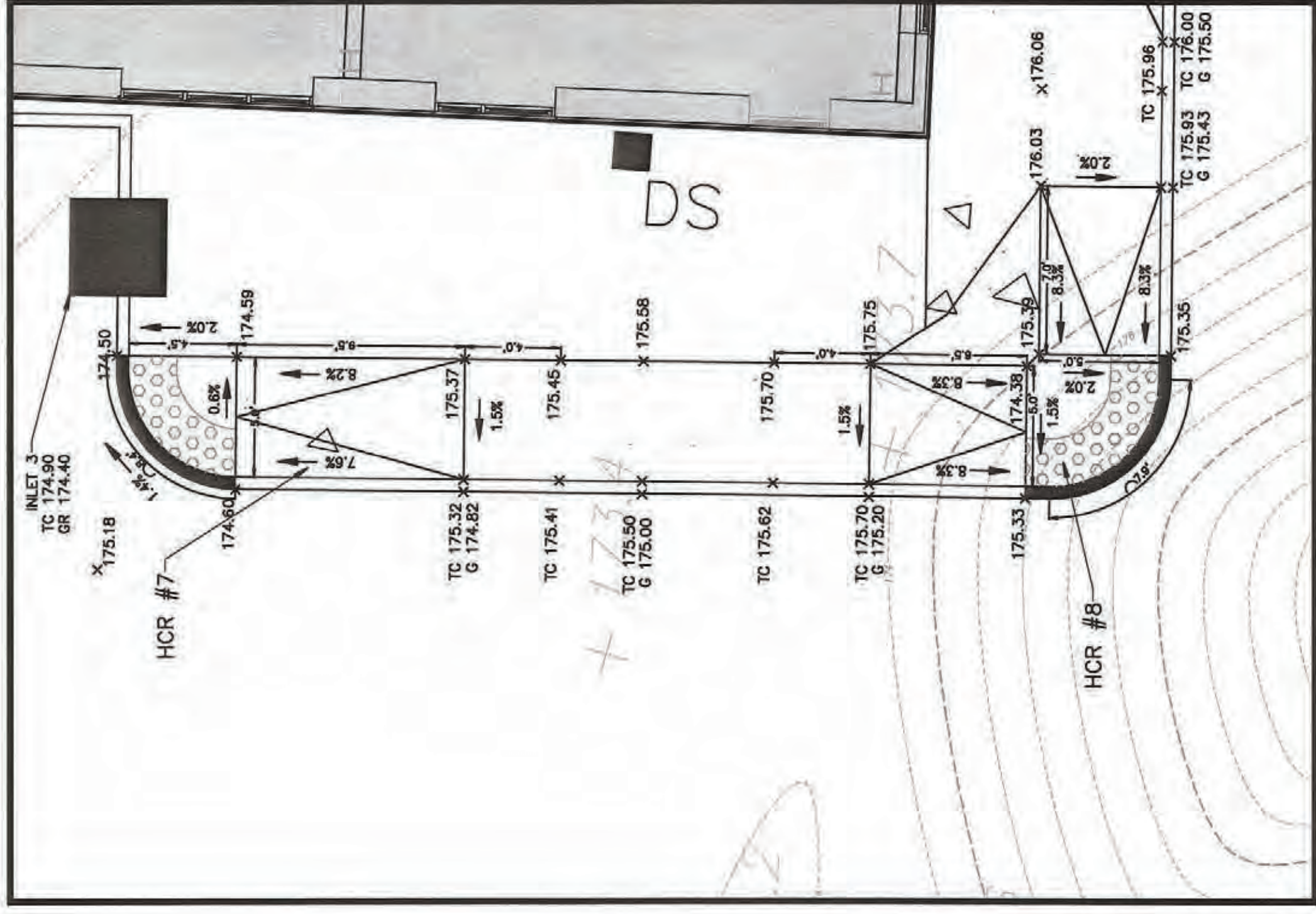
APPELL FOUNDRY

02 OR EQUAL

COVER



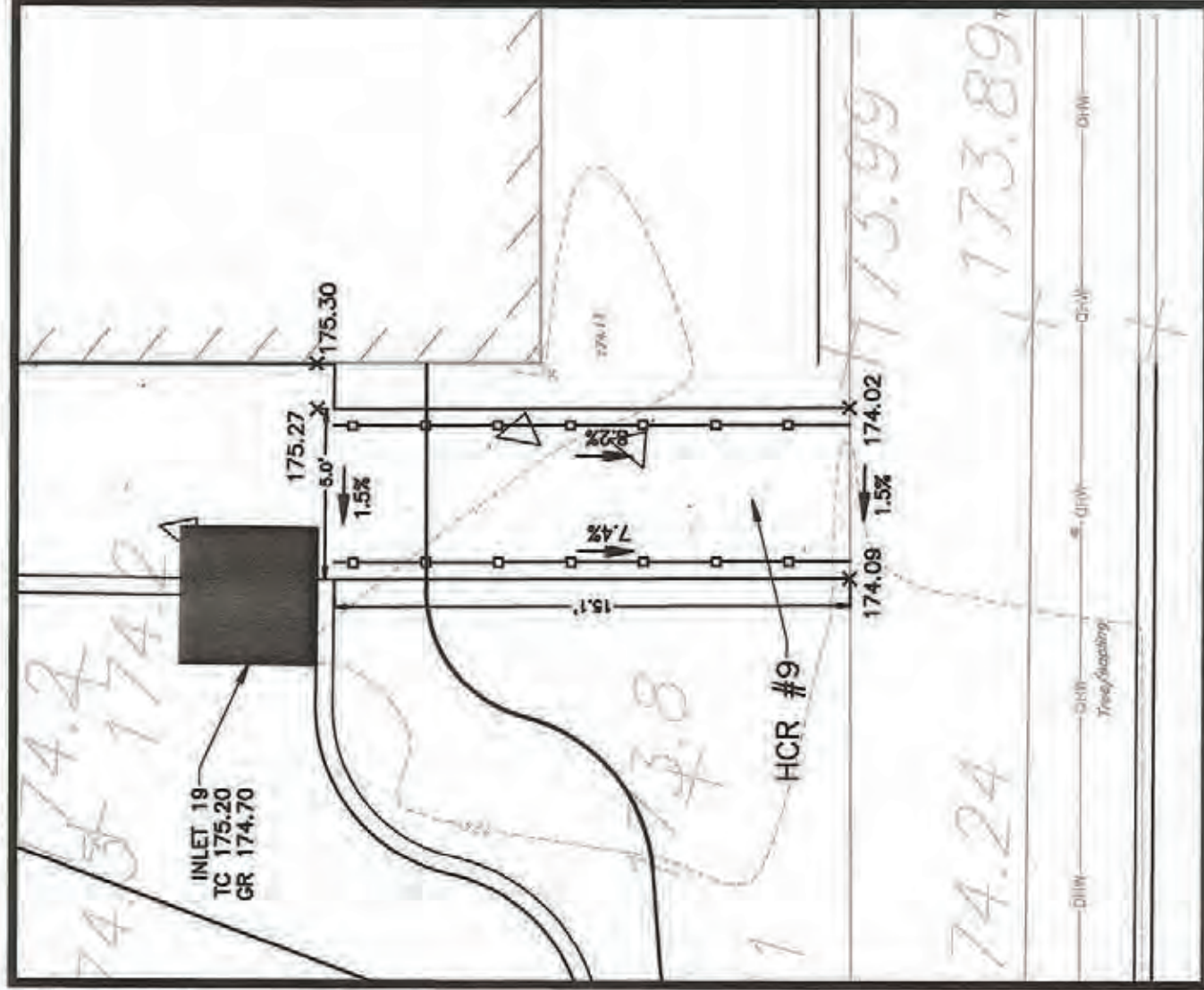
HANDICAP RAMPS 2&3 DETAIL



HANDICAP RAMP #7&8 DETAIL
SCALE: 1"=5'

NOTICE TO CONTRACTOR

THE CONTRACTOR SHALL CONTACT NEW JERSEY ONE CALL (1-800-272-1000 OR LATEST NUMBER) FOR UTILITY MARKOUT PRIOR TO THE START OF CONSTRUCTION.



HANDICAP RAMP #10 DETAIL
SCALE: 1"=5'

