

HEALTH DEPT. NOTES

1. THERE ARE NO SURFACE WATER/WETLANDS WITHIN 300 FEET OF THE PARCEL.
2. THERE ARE NO PUBLIC DRINKING WATER WELLS WITHIN 150 FEET OF THE PROPERTY LINES.

DESIGN WASTE WATER FLOW RATE

RESTAURANT (SINGLE SERVICES > 16 SEATS) = 20 GPD/SEAT
 TOTAL # OF AVAILABLE SEATS = 22
 22 x 20 = 440 GPD (TOTAL DESIGN FLOW)
 -PROVIDE NEW 8'-0" DIA. x 5'-0" EFFECTIVE DEPTH GREASE TRAP
 -5'-0" x 300 GAL/FT. = 1,500 GALLONS (GPD= GALLONS PER DAY)

MIN. HORIZONTAL SEPARATION DISTANCES

- FROM NEW GREASE TRAP TO:
- BUILDING ON SLAB - 5.0'
 - BUILDING WITH CELLAR - 10.0'
 - WATER SERVICE LINE / LATERALS / MAINS (a) - 10.0'
 - UNDERGROUND UTILITIES - 5.0'
 - STORM DRAIN / STORMWATER RECHARGE BASIN (a) - 20.0'
 - CATCHBASINS (NON LEACHING) / DRAINAGE PIPE (b) - 5.0'
 - LEACHING POOL - 8.0'
 - SEPTIC TANK / PUMP STATION / MANHOLE - 5.0'
 - PROPERTY LINES - 5.0'
- (a) A MINIMUM OF 10.0' SEPARATION IS REQUIRED BETWEEN WATER SERVICE LINE / LATERALS / MAINS AND THE EDGE OF ALL STORMWATER DRAINAGE LEACHING STRUCTURES.
 (b) A MINIMUM OF 5.0' SEPARATION IS REQUIRED BETWEEN WATER SERVICE LINE / LATERALS / MAINS AND THE EDGE OF ALL STORMWATER DRAINAGE NON-LEACHING STRUCTURES AND ASSOCIATED PIPING.

SUFFOLK COUNTY DEPT. APPROVAL STAMP AREA

Suffolk County Department of Health Services
 Approval for Construction - Other Than Single Family

Reference No. C02-18-0087 Design Flow 660 GPD

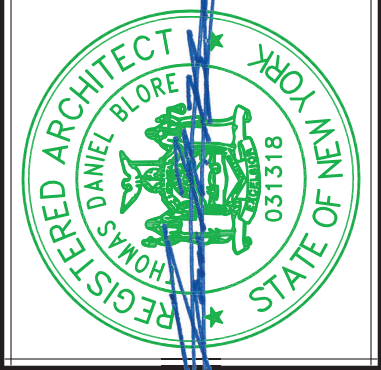
Use(s) Restaurant

These plans have been reviewed for general conformance with Suffolk County Department of Health Services standards, relating to water supply and sewage disposal. Regardless of any omissions, inconsistencies or lack of detail, construction is required to be in accordance with the attached permit conditions and applicable standards, unless specifically waived by the Department. This approval expires 3 years from the approval date, unless extended or renewed.

04/24/2024 Approval Date *Sophie Infemine*

ENGINEER'S CERTIFICATION REQUIRED.
 SUBMIT P.E. OR R.A. CERTIFICATION FOR INSTALLATION AND CONSTRUCTION OF Sub surface sewage disposal system FOR FINAL APPROVAL.

EXCAVATION INSPECTION REQUIRED FOR SANITARY SYSTEM BY HEALTH DEPARTMENT



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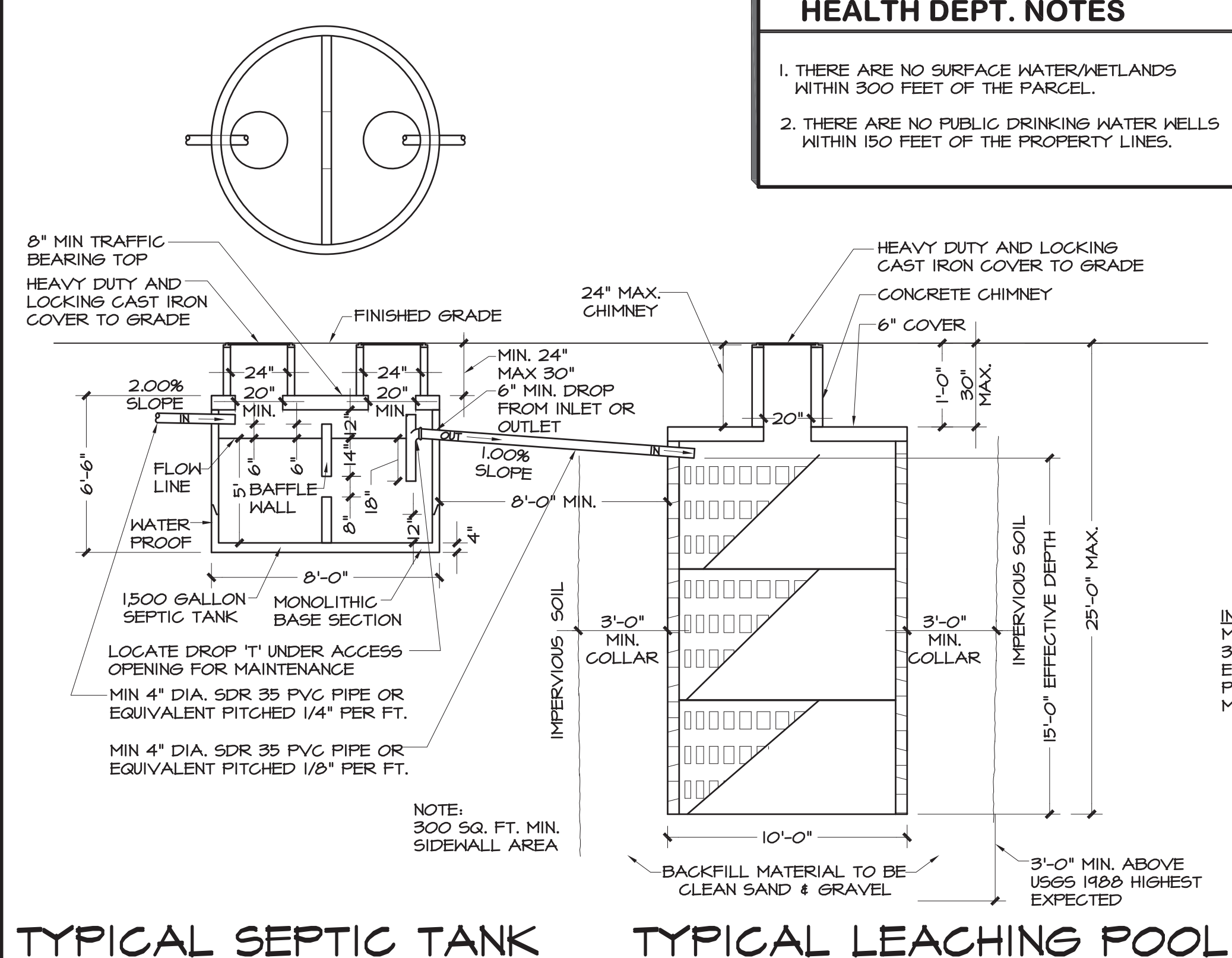
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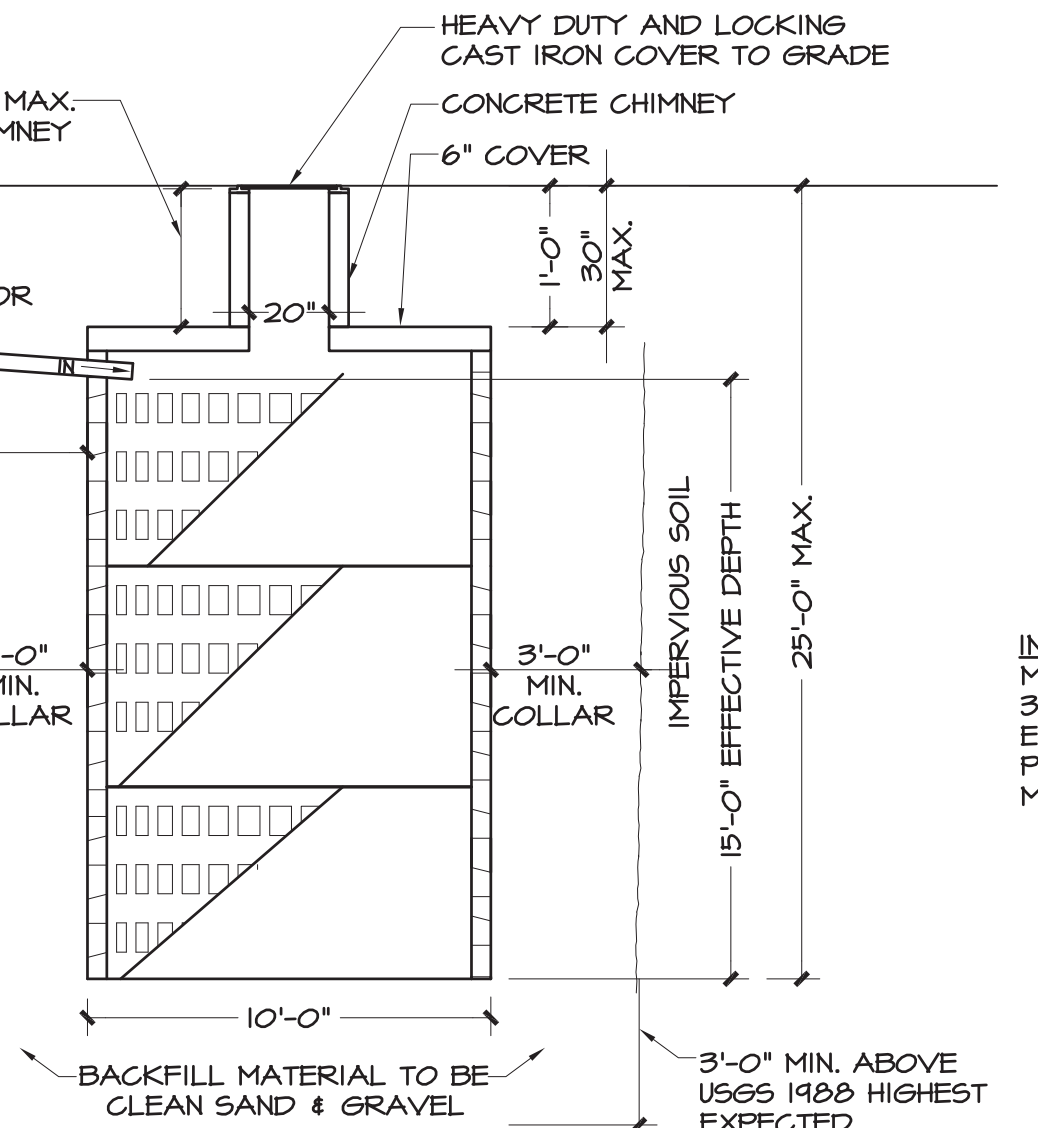
MANGO MANGO DESSERT
 2044 MIDDLE COUNTRY ROAD
 CENTEREACH, NY 11720

Date	Revision / Issue
01/06/18	REV. 2 AS PER BOH
10/30/23	REV. 3 AS PER BOH
2/5/24	REV. 4 AS PER BOH
3/15/24	REV. 5 AS PER BOH

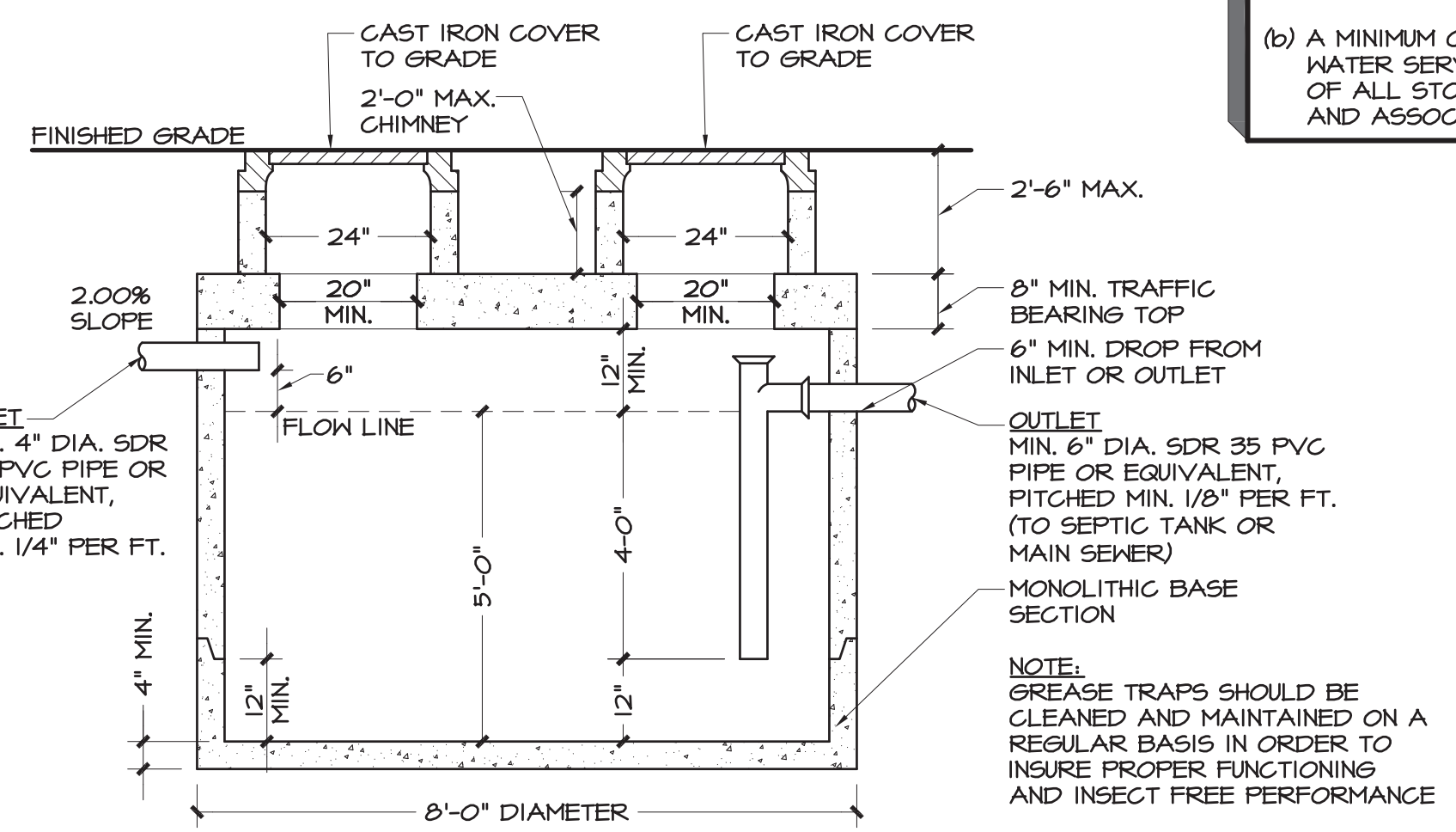
Drawn By: DB
 Project #: 17-121
 Scale: AS NOTED
 Date: 11/29/17
 Sheet #: ASP-1



TYPICAL SEPTIC TANK
 EXISTING NO CHANGE N.T.S.



TYPICAL LEACHING POOL
 EXISTING NO CHANGE N.T.S.



GREASE INTERCEPTOR DETAIL
 N.T.S.

SEPTIC TANK CONST. NOTES

1. SEPTIC SYSTEM TO BE IN CONFORMANCE W/ SUFFOLK COUNTY HEALTH DEPT. REQUIREMENTS
2. MIN. DISTANCE BETWEEN SEPTIC TANK AND DRILLING TO BE 10 FT.; MIN. DISTANCE OF SEPTIC TANK TO LEACHING POOL TO BE 8 FT.
3. MINIMUM 1200 GALLON SEPTIC TANK
4. MINIMUM 27 S.F. LIQUID SURFACE AREA
5. A MIN. OF 4" APPROVED PRECAST CONCRETE BOTTOM & 3" WALLS
6. APPROVED REINFORCED PRECAST CONC. SOLID DOME OR TRAFFIC BEARING SLAB TOP MIN. 8"
7. DROP "T'S MUST BE FIRMLY PINNED OR OTHERWISE FIRMLY ATTACHED
8. LIQUID DROPS MUST BE 4"
9. FLOW BAFFLE AND DROP "T" REQUIRED
10. AN 8 FEET IN DIAMETER BY 5 FEET HIGH APPROVED REINFORCED PRECAST CONCRETE RING.
11. THE OUTLET AND INLET PIPES MUST BE LOCATED WITHIN THE SOLID RING.
12. ALL SEPTIC TANK COVERS ARE HEAVY DUTY LOCKING CAST IRON TO GRADE.

LEACHING POOL CONST. NOTES

1. PER PARAGRAPH 5-108-A-4 OF THE SUFFOLK COUNTY HEALTH DEPARTMENT STANDARDS, REMOVE AND REPLACE UNSUITABLE SOILS WITH SAND AND GRAVEL FOR A DIAMETER OF SIX FEET GREATER THAN THE LEACHING POOL (3" COLLAR), EXTENDING DOWN INTO A MINIMUM OF A 6' STRATA OF ACCEPTABLE SAND AND GRAVEL
2. PVC PIPE TO BE INSTALLED IN ACCORDANCE WITH APPENDIX E OF THE SUFFOLK COUNTY SANITARY CODE
3. PVC PIPE TO CONFORM TO ASTM D-3034. PIPE TO HAVE SDR CLASSIFICATION OF 35.

NOTE CHANGES
 By Suffolk County Department of Health Services

SANITARY DESIGN CALCULATION

COMMERCIAL BUILDING - ASSEMBLY GROUP A-2

DENSITY LOAD
 SEATS = 22 x 10 GPD/SEAT = 220 GPD
 BUILDING = 2744 S.F.
 LOT = 16,214 S.F. (0.37 ACRES)
 TOTAL DENSITY LOAD = 220 GPD

DENSITY REQUIRED: POPULATION DENSITY: .37 ACRES x 600 GALLONS/DAY/ACRE = 222 GPD
 PROVIDED: ACTUAL DENSITY LOAD < POPULATION DENSITY
 220 GPD < 222 GPD

SEPTIC TANK REQUIREMENTS:
 REQUIRED: DESIGN SEWAGE FLOW = 660 GPD x 2 DAYS STORAGE = 1320 GALLONS
 PROPOSED: 8'-0" DIA. x 5'-0" LIQ. DEPTH = 1500 GALLON SEPTIC TANK

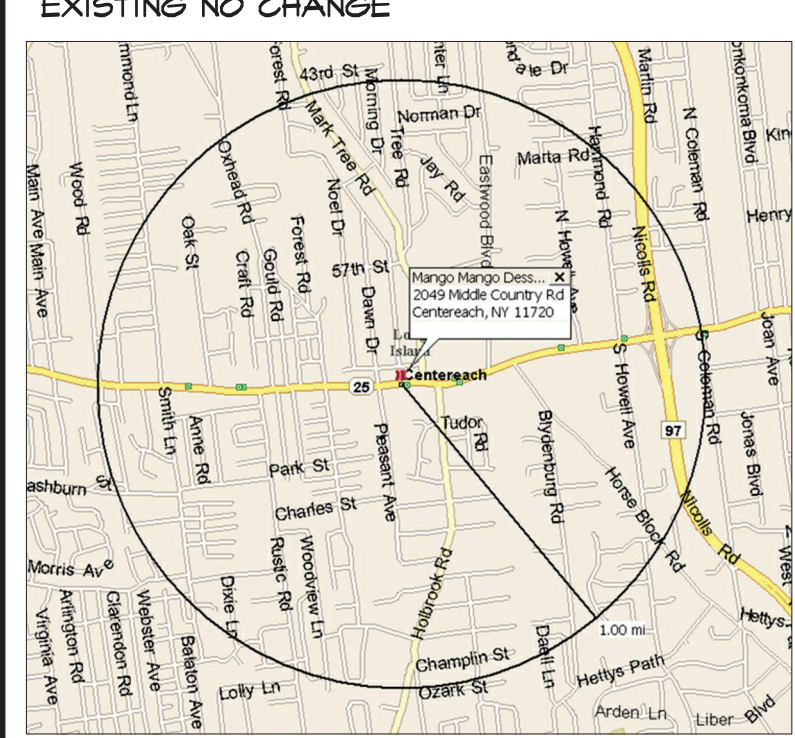
LEACHING POOL REQUIREMENTS:
 REQUIRED: HYDRAULIC DESIGN FLOW = 660 GPD
 660 GPD / 1.5 GPD = 440 S.F. (300 S.F. MIN.)
 PROPOSED: 10'-0" DIA. x 15'-0" EFFECTIVE DEPTH
 (10 x 3.14 x 15) = 471 S.F. PER L.P.
 PROPOSED: 471 S.F. PER L.P. > 440 S.F. MIN. (REQ'D)

SITE PLAN NOTE:
 1. DURING A MAJOR SNOW EVENT, A CART-OFF SERVICE WILL BE UTILIZED TO REMOVE THE SNOW FROM ALL PARKING AREAS AND ACCESS WAYS OF THE SITE
 2. ELEVATIONS IN NAVD8 DATUM.

TEST HOLE BY: MCDONALD GEOSCIENCE DATE: AUGUST 25, 2020

EL. 0.0'	ASPHALT
EL. 0.3'	MIXED SAND & LOAM
EL. 2.0'	BROWN SILTY SAND (SM)
EL. 38.0'	WATER IN BROWN SILTY SAND (SM)
EL. 48.0'	WATER IN BROWN FINE SAND (SP)
EL. 58.0'	

WATER ENCOUNTERED 38' BELOW SURFACE



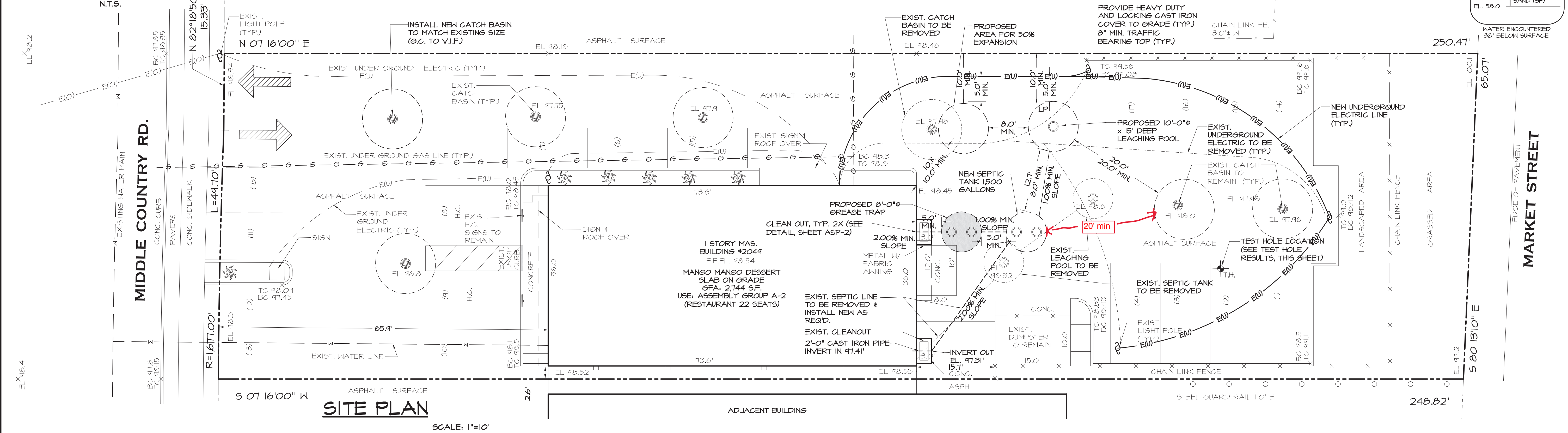
KEY MAP
 N.T.S.

PARKING CALCULATIONS

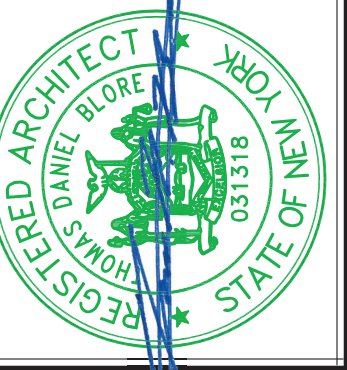
EXISTING 1-STY BUILDING = 2,744 SQ. FT.

EXISTING GROUP M: RETAIL - 1 PER 150 SQ.FT. OF GROSS FLOOR AREA	PROPOSED USE: ASSEMBLY GROUP A RESTAURANT / DESSERT - 1 PER 150 SQ.FT. OF GROSS FLOOR AREA OR 1 PER 3 SEATS
2,744 / 150 = 18.29 = 19	2,744 / 150 = 18.29 = 19
TOTAL REQUIRED OF WHICH (1) SHALL BE DEEMED H/C = 19	TOTAL REQUIRED OF WHICH (1) SHALL BE DEEMED H/C = 19
EXIST. STALLS = 16	STALLS PROVIDED = 16
EXIST. H/C STALLS = 2	H/C STALLS PROVIDED = 2
EXIST. TOTAL STALLS = 18	TOTAL STALLS PROVIDED = 18

NOTE:
 1. EXISTING SEPTIC SYSTEM TO BE REMOVED IN ITS ENTIRETY.
 2. G.C. TO V.I.F. & LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF THE NEW SANITARY SYSTEM & GREASE TRAP. G.C. TO MAINTAIN ALL MIN. HORIZONTAL SEPARATIONS & MIN. PITCH OF ALL NEW PIPING AS INDICATED.



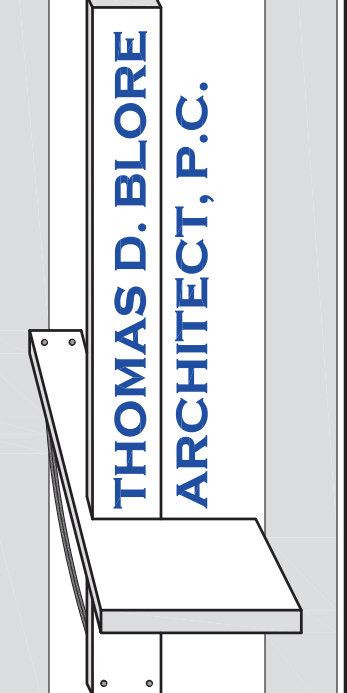
SITE PLAN
 SCALE: 1" = 10'



SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
APPROVED
 REFERENCE NUMBER: C02-18-0087
 SEE DRAWING # 1 of 2
 REVIEWER'S INITIALS: LL

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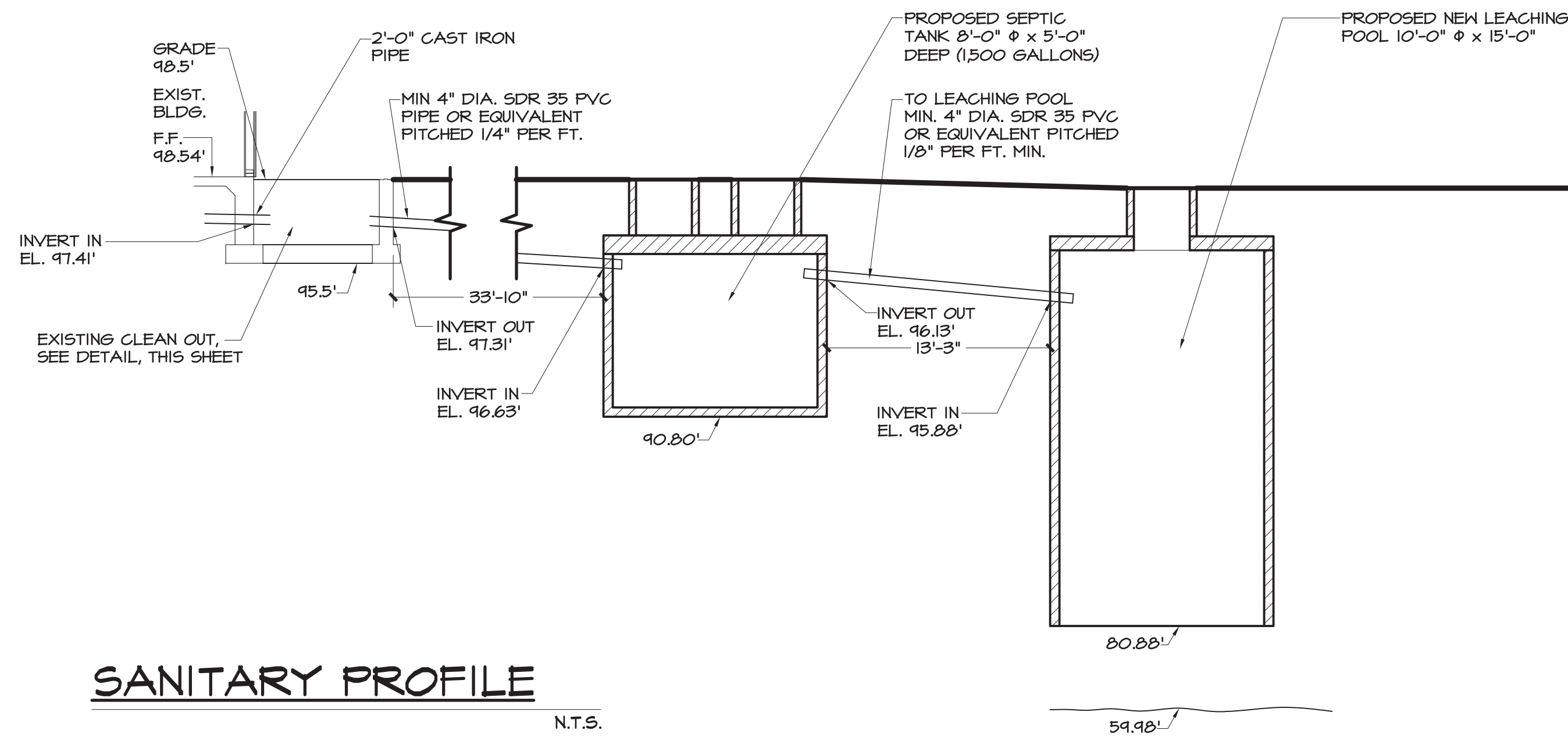
Drawn By: **DB**

Project # 17-121

Scale AS NOTED

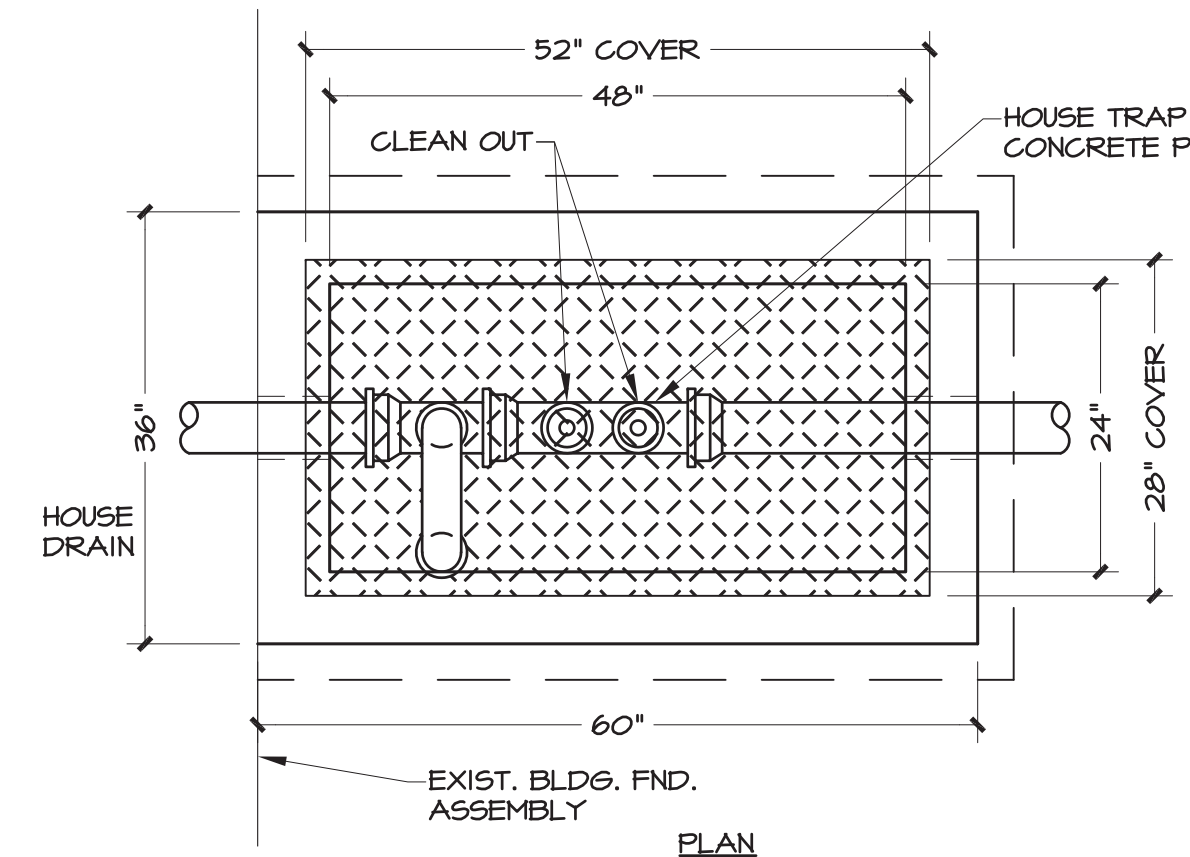
Date 11/29/17

Sheet # **ASP-2**

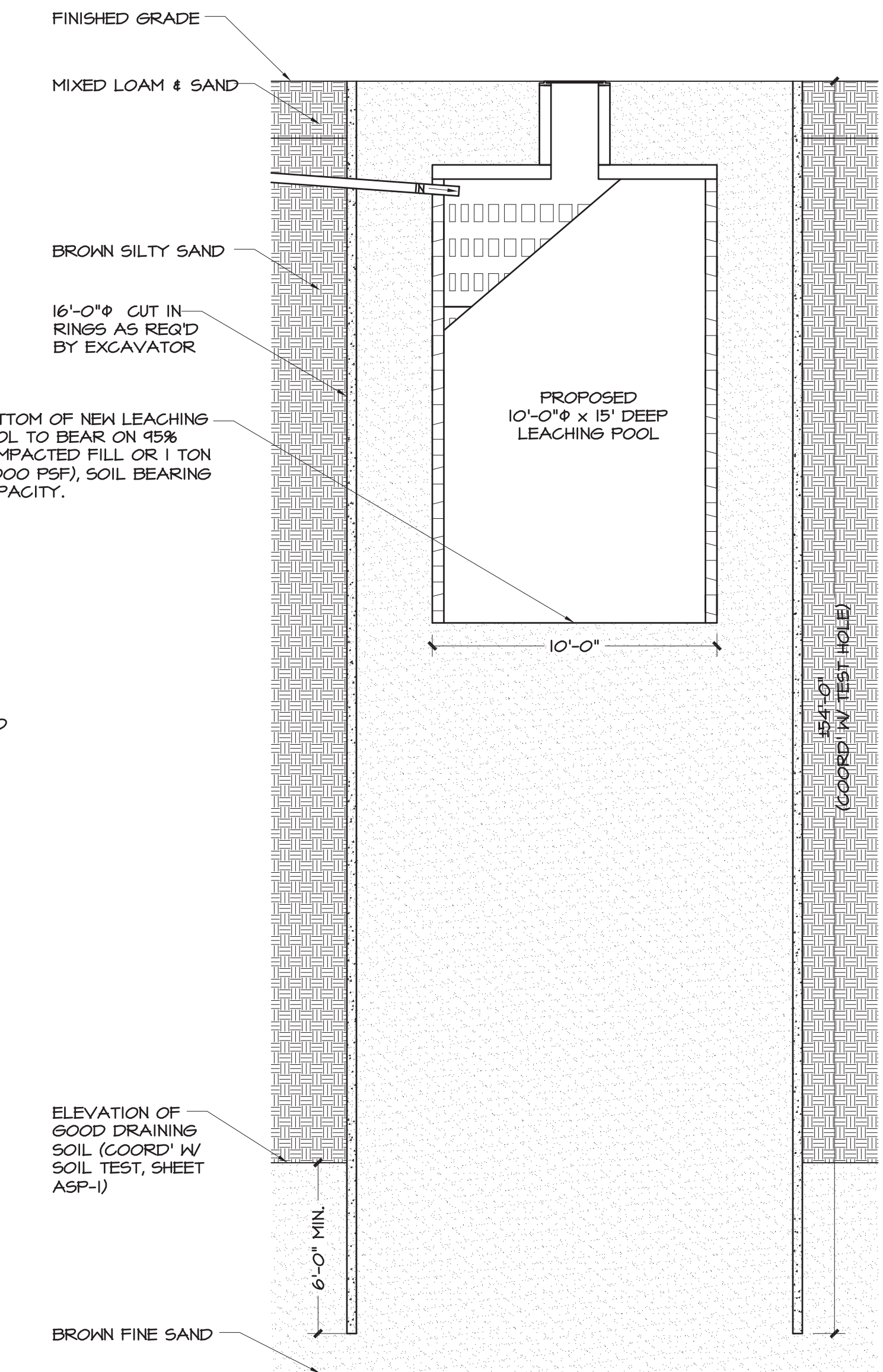


SANITARY PROFILE

N.T.S.

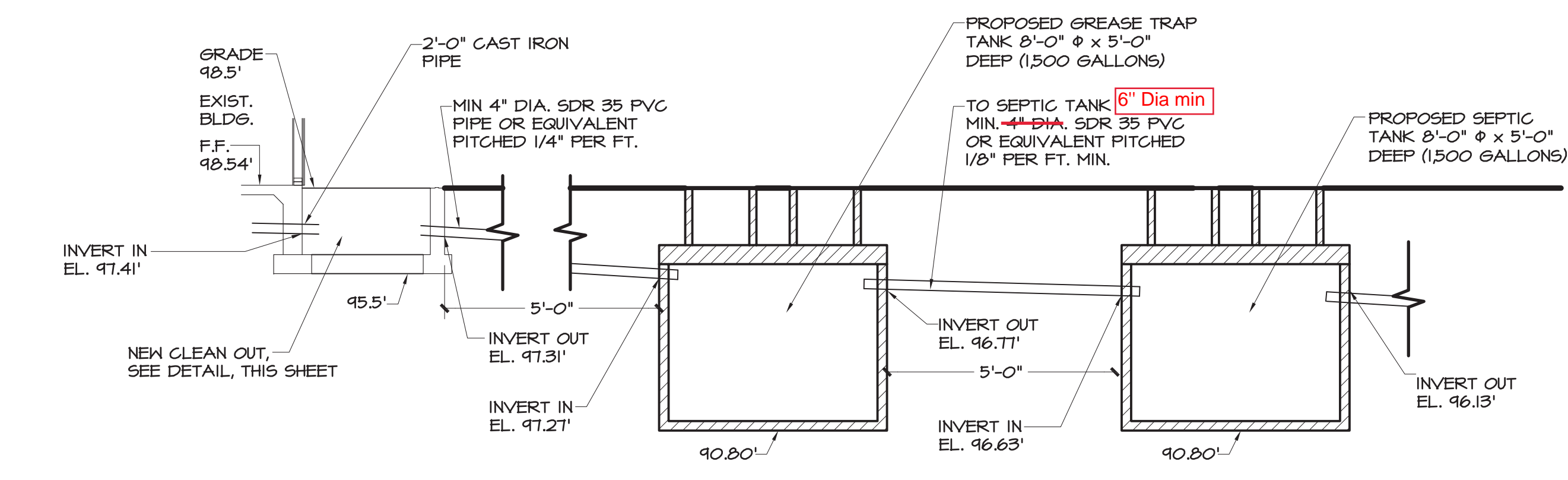


PLAN



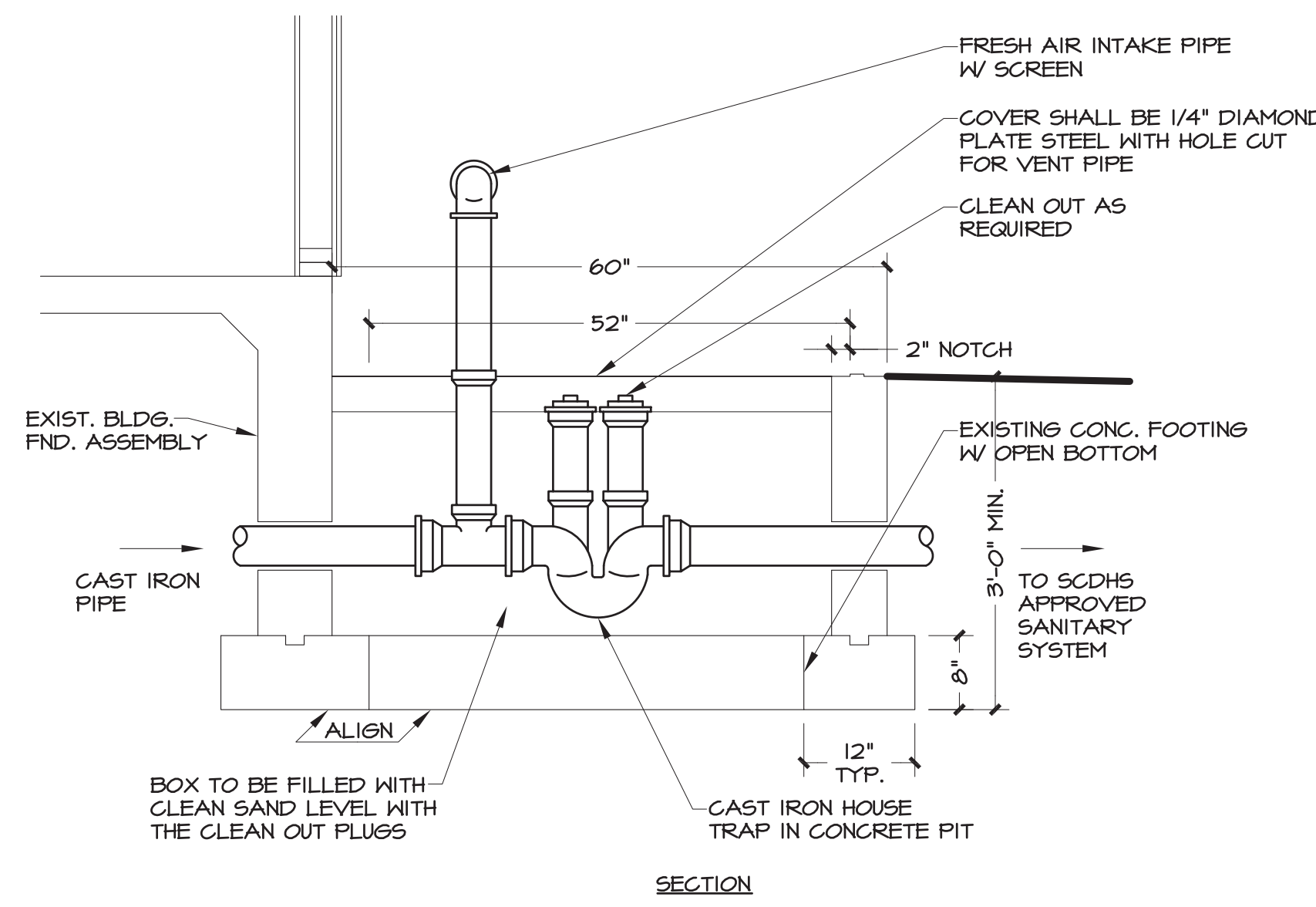
SAND WICK DETAIL

N.T.S.



SANITARY PROFILE

N.T.S.



CLEANOUT DETAIL

N.T.S.

NOTE CHANGE(S)
 By Suffolk County Department of Health Services