

#### UTILITY NOTES:

- 1) CONTRACTOR SHALL COORDINATE ALL WORK W/ UTILITY PROVIDERS
- 2) COORDINATE GAS LINE DEPTH AT DRIVEWAY CROSSING
- 3) WATER LINE SHALL BE BURIED AT MIN 5 FEET W/ TRACER WIRE
- 4) ELEC SERVICE AND COMMUNICATION SHALL MEET CURRENT NATIONAL ELECTRIC CODE
- 5) GAS SERVICE SHALL BE INSTALLED PER CURRENT INTERNATIONAL FUEL GAS CODE
- 6) SAFETY BACK FILL WITH CLEAN EXCAVATED SOIL. ENCASE IN 12" OF SAND IN SOIL CONTAINING SIGNIFICANT STONES OR BEDROCK
- 7) COORDINATE ALL SERVICE CONNECTIONS WITH UTILITY PROVIDERS.

#### PHOSPHOROUS NOTES:

1. NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.
2. IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL NYS DEC.

#### CONSTRUCTION SEQUENCE:

1. INSTALL TEMPORARY EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO: SILT FENCE, STABILIZED ENTRANCES, ETC.
2. THE CONTRACTOR SHALL SELECTIVELY REMOVE VEGETATION AND ROOTS AS REQUIRED.
3. PLACE SILT FENCE FOR STOCKPILE AREA
4. STRIP TOPSOIL
5. CONSTRUCT BUILDING AND INSTALL UTILITIES
6. MAINTAIN EROSION CONTROL PRACTICES AS NECESSARY. IF ADDITIONAL MEASURE ARE REQUIRED THESE SHALL BE PROVIDED AT THE EXPENSE OF THE OWNER OR CONTRACTOR
7. IN THE EVENT THERE IS A SEDIMENT DISCHARGE OR FAILURE THE CONTRACTOR OR OWNER SHALL BE RESPONSIBLE FOR RESTORATION.
8. FINAL GRADE SEED AND MULCH DISTURBED AREAS AS SOON AS POSSIBLE.
9. INSTALL RAIN GARDEN AFTER AREAS CONTRIBUTING DRAINAGE ARE STABILIZED.
10. REMOVE TEMPORARY EROSION CONTROLS AFTER AREAS ARE STABILIZED WITH VEGETATION, STONE OR ASPHALT.



#### References

1. Search No. 11358/SEC III/LOT 81 Stewart Title Insurance Co., dated November 15, 2017
2. Liber 1319, page 445 of deeds
3. Filed Map No. 9612
4. Easement to RG&E and RTC, L.895 P.209

I certify that this plan was prepared August ??, 2018 from notes of an instrument survey completed August 2, 2018 and from materials referenced hereon.

David M. Parrinello NYSPLS 049724



#### SITE NOTES:

1. THE CONSTRUCTION SITE IS NOT WITHIN 100' OF A WETLAND AS DELINEATED BY NYS DEC. THERE ARE NOT NYS DEC DELINEATED OR APPARENT WETLANDS ON THE PROPERTY AS SHOWN.
2. THE CONSTRUCTION SITE IS NOT WITHIN A 500 YEAR FLOODPLAIN AS DELINEATED BY FEMA MAP#360598 0025C DATED MARCH 3, 1997.
3. WATER SUPPLY: TOWN OF CANANDAIGUA
4. TOTAL PROPERTY AREA: 0.678+/- ACRES. PROPERTY ZONED AS RESIDENTIAL LAKE DISTRICT.
5. NYS SPDES PERMIT IS NOT REQUIRED FOR THESE CONSTRUCTION ACTIVITIES. DISTURBANCE SHALL BE LESS THAN ONE ACRE. IF THE CONTRACTOR OR OWNER AT ANY TIME PLAN DISTURB GREATER THAN AN ACRE THE ENGINEER SHALL BE NOTIFIED.
6. ELEVATION DATUM: NGVD 29

WASTEWATER TREATMENT BASIS OF DESIGN (PER NYS APPENDIX 75-A):  
NUMBER OF BED ROOMS DESIGNED FOR..... 3 BR  
TABLE 1 DESIGN FLOW RATE..... 450 GPD  
TABLE 2-SEPARATION DISTANCES..... ALL MINIMUMS MET  
TABLE 5-SEPTIC TANK..... 1250GAL 2 COMPARTMENT  
TABLE 6C-REQUIRED ABSORPTION TRENCH..... 281 FEET

PROPOSED TREATMENT METHOD:  
STANDARD SUB-SURFACE GRAVELLESS ABSORPTION CHAMBERS QUALIFYING FOR 25% REDUCTION. ABSORPTION TRENCH LENGTH 300 FEET PROVIDED. EXPANSION AREA PROVIDED.

SOILS ANALYSIS DATA:  
SOIL ANALYSIS DATA WAS COLLECTED IN THE FALL DURING DRY WEATHER. SITE SOILS ARE SILTY LOAM. THE SOIL APPEARED TO BE WELL DRAINDED.

PERC TEST DATA GATHERED BY B.MARKS ON 08/10/2018

DEEP HOLE #1 (INITIAL TEST VIA HAND DUG HOLE. TO BE VERIFIED WITH BACKHOE)  
HORIZON A 0"-2" TOPSOIL  
HORIZON B 2"-36" SILTY CLAY LOAM

PERK TEST #1 AT 24" DEPTH STABILIZED AT 6 MINS  
PERK TEST #2 AT 24" DEPTH STABILIZED AT 10 MINS  
PERK TEST #3 AT 24" DEPTH STABILIZED AT 29 MINS

USE 15 MINUTE PERCOLATION RATE

#### GRADING NOTES:

1. CUT AND FILL SLOPES SHALL NOT EXCEED 3 ON 1.
2. CONSTRUCTION SHALL CONFORM TO THE TOWN OF CANANDAIGUA AND NYS CODES AND STANDARDS
3. SITE SHALL BE GRADED SUCH THAT THERE IS POSITIVE DRAINAGE AT A MINIMUM OF 2% AWAY FROM ANY BUILDINGS, STRUCTURES, DRIVEWAYS, AND SEPTIC SYSTEM
4. TOPSOIL SHALL BE CONSTRUCTIVELY PLANNED FOR CONSTRUCTION AND REAPPLIED AFTER GRADING IS FINISHED. ANY UNUSED TOPSOIL SHALL BE HAULED OFF SITE.

#### FOUNDATION, LANDSCAPING NOTES:

1. PLANT W/ LOW NATIVE SHRUBS LIKE CREEPING JUNIPER, BAYBERRY AND PERENNIAL FLOWERING PLANTS LIKE IRIS, DAYLILIES AND TULIPS.
2. APPLY LANDSCAPE FABRIC AND MAINTAIN 4" OF HARDWOOD MULCH.
3. PROVIDE RANDOM LARGE ROUND STONE COBBLES THROUGH LANDSCAPED AREA.

#### EROSION AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION DURING CONSTRUCTION. SILT FENCE SHALL BE INSTALLED AND MAINTAINED AS NEEDED.
2. SOIL DISTURBANCES SHALL BE STABILIZED IMMEDIATELY. DISTURBED SOIL THAT WILL REMAIN LONGER THAN 14 DAYS SHALL BE TEMPORARILY STABILIZED WITHIN 7 DAYS. SOIL SHALL BE STABILIZED WITH NORTHERN GRASS SEED MIXTURE OR APPROPRIATE SEED MIXTURE FOR CONDITIONS. GRASS SEED SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS. MULCH STRAW APPLIED AT A RATE OF 2 BALES / 1000 SQFT OR SEED MIXTURE TO PROTECT SITE UNTIL SEED GERMINATES. HYDRO-SEED MAY BE INSTALLED AS AN ALTERNATE.
3. CONTRACTOR SHALL INSPECT THE SITE DAILY FOR SIGNS OF EROSION. IF ANY EROSION OR SEDIMENTATION OCCUR CONTRACTOR SHALL IMMEDIATELY PROVIDE PROPER CONTROLS TO STABILIZE THE SITE. ENGINEER WILL RECOMMEND CONTROLS IF REQUIRED.
4. SLOPE GREATER THAN 4 ON 1 SHALL BE STABILIZED WITH JUTE FABRIC WITH STRAW OR EROSION AND SEDIMENT CONTROL MATS AS PER MANUFACTURES SPECIFICATIONS AS REQUIRED.
5. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN STALLED IN ACCORDANCE WITH 2016 NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENTATION CONTROLS.
6. INSTALL AND MAINTAIN TEMPORARY DIVERSION SWALES AS NEEDED TO CONTROL RUNOFF DURING CONSTRUCTION.
7. THE SITE SHALL BE COMPLETELY STABILIZED FOLLOWING CONSTRUCTION ACTIVITIES AND ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED AND DISPOSED OF PROPERLY.
8. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH-OUT ON SITE.
9. CONSTRUCTION STAGING AND PARKING AREAS SHALL BE LIMITED TO PAVED OR STONE AREAS OUTSIDE OF THE HIGHWAY RIGHT-OF-WAY.
10. ANY UNUSED SPOIL SHALL BE HAULED OFFSITE IMMEDIATELY.

#### GENERAL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND PROPERTY MARKERS. IT IS THE NYS LAW TO CALL NYS DIG SAFE FOR UFPO (811) PRIOR TO ANY EXCAVATION.
2. THE ROADWAY SHALL BE KEPT FREE OF DEBRIS DURING CONSTRUCTION.
3. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY CONTROL DEVICES. SUCH DEVICES (BARRICADES, FENCING, ETC.) SHALL BE IMPLEMENTED TO MINIMIZE RISK OF INJURY TO PEDESTRIANS AND WORKERS. CONSTRUCTION ACTIVITY SHALL BE CONDUCTED WITHIN COMPLIANCE WITH OSHA GUIDELINES.
4. PLANS ARE GRAPHIC REPRESENTATIONS OF WORK TO BE PERFORMED. THESE PLANS ARE TO INTENDED TO CONVEY ENGINEERING INFORMATION ONLY.
5. CONTRACTOR TO VERIFY ALL PROPERTY LINES, LOCATIONS, GRADES AND INVERTS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF WORK.
6. ALL SPECIFIED MATERIALS ARE TO BE INSTALLED AS PER MANUFACTURES RECOMMENDATIONS OR INDUSTRY STANDARDS.
7. ENGINEER DOES NOT HOLD ANY LIABILITY FOR SYSTEM FAILURE. ANY SYSTEM MODIFICATIONS OR DEVIATIONS FROM THE APPROVED PLANS, NYS BUILDING CODES, AND/OR LOCAL REGULATIONS REQUIRED BY SITE CONSTRAINTS, UNFORESEEN CONDITIONS OR GOVERNING AUTHORITIES WILL BE DONE AT THE RISK OF THE CLIENT.
8. ALL CONSTRUCTION SHALL COMPLY WITH CURRENT NYS AND LOCAL BUILDING CODES AS WELL AS NATIONAL ELECTRIC CODE.
9. ELEVATIONS ARE BASED ON NGVD29 DATUM AND COORDINATES SYSTEM IS BASED ON NAD 83 DATUM.

#### SEPTIC TANK NOTES:

1. A NEW 1000 GAL 2 COMPARTMENT HOPPE TANK AS MANUFACTURED BY ROTH OR EQUAL SHALL BE INSTALLED ON MIN 3" OF COMPACTED CLEAN SAND OR PEA GRAVEL OR 5" WASHED AGGREGATE 3 TO 1 1/2" DIA. TANK SHALL BE INSTALLED PER MANUFACTURES RECOMMENDATIONS.
2. PROVIDE 1/8" EFFLUENT FILTER AT OUTLET OF TANK.
3. PROVIDE RISER ON TANK IF TANK IS BURIED AT A DEPTH MORE THAN 18".
4. MAINTENANCE: SEPTIC TANK SHALL BE INSPECTED ANNUALLY TO DETERMINE SCUM AND SOLIDS ACCUMULATION. MOST TANKS SHOULD BE PUMPED OUT EVERY 3-4 YEARS. SEPTIC TANKS MUST BE PUMPED OUT WHENEVER THE BOTTOM OF THE SCUM LAYER IS WITHIN 3" OF THE BOTTOM OF THE OUTLET BAFFLE OR THE TOP OF THE SLUDGE IS WITHIN 10" OF THE BOTTOM OF THE OUTLET BAFFLE.



#### LOCATION MAP

NOT TO SCALE

SITE DATA		
	PROPOSED	REQUIRED
ZONING/USE -- PRINCIPAL	SINGLE RESIDENTIAL	RESIDENTIAL LAKE DISTRICT >20,000SF
ZONING/USE -- ACCESSORY	NA	NA
MINIMUM LOT WIDTH	EX	125'
FRONT SETBACK	314' TO PUBLIC ROW	60'
RIGHT SIDE SETBACK	18.23'	12'
LEFT SIDE SETBACK	7.46'	12'
REAR SETBACK	155'	60'
BUILDING HEIGHT	24.5'	25'
BUILDING LOT COVERAGE	4.20%	15%
LOT COVERAGE	24.8%	25%

#### LEGEND

EXISTING	PROPOSED	
Iron pin or pipe found	Iron pin or pipe found	Utility Lines
Benchmark	Benchmark	R.O.W. line
Utility pole	Utility pole	Property line
Hydrant	Hydrant	Easement line
Light pole	Light pole	Centerline
PERC TEST	PERC TEST	Drainage
DEEP HOLE	DEEP HOLE	Fence Line
		Contour Line

ABBREVIATIONS:  
EX-EXISTING  
COP-CORRUGATED POLYETHYLENE PIPE  
O.C.-ON CENTER  
SICPP-SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE  
UG-UNDERGROUND  
CONC-CONCRETE

CO -CLEAN OUT  
TYP-TYPICAL  
R-RADIUS  
BC-BOTTOM OF CURB  
TC-TOP OF CURB  
TW-TOP OF WALL  
BW-BOTTOM OF WALL  
BS-BOTTOM OF STAIRS

PERF-PERFORATED  
MIN-MINIMUM  
MAX-MAXIMUM  
INV-INVERT  
CB-CATCH BASIN  
MH-MANHOLE  
DI-DRAINAGE INLET

REVISIONS		
NO.	DATE	DESCRIPTION OF REVISION OR APPROVAL
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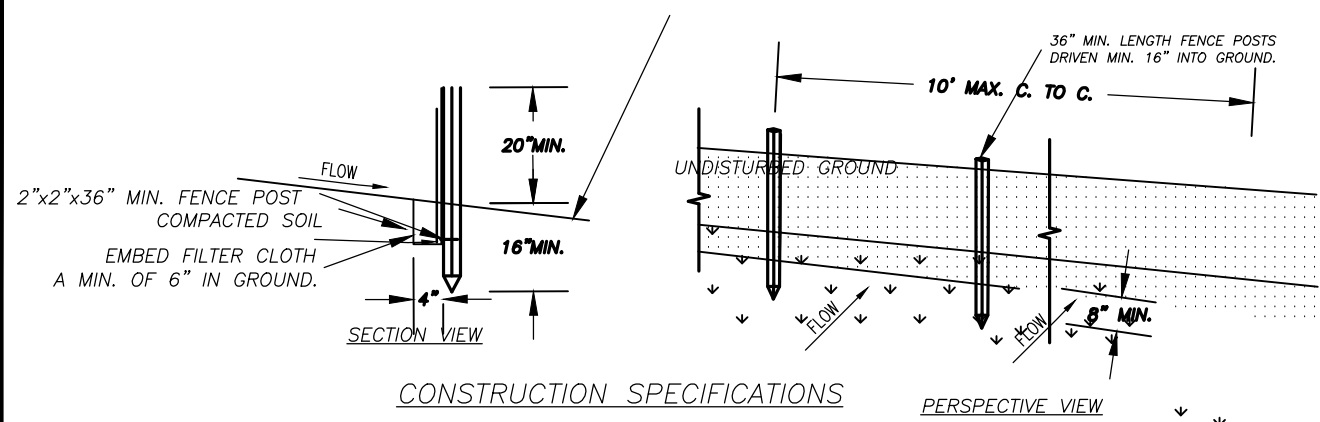
SITE PLANS PREPARED FOR:	
THOMAS JOYNT- NEW GARAGE & WASTEWATER SYSTEM	
SHOWING VACANT LAND IN:	
4571 STEEP DRIVE	
TOWN OF CANANDAIGUA	
COUNTY OF ONTARIO	
STATE OF NEW YORK	

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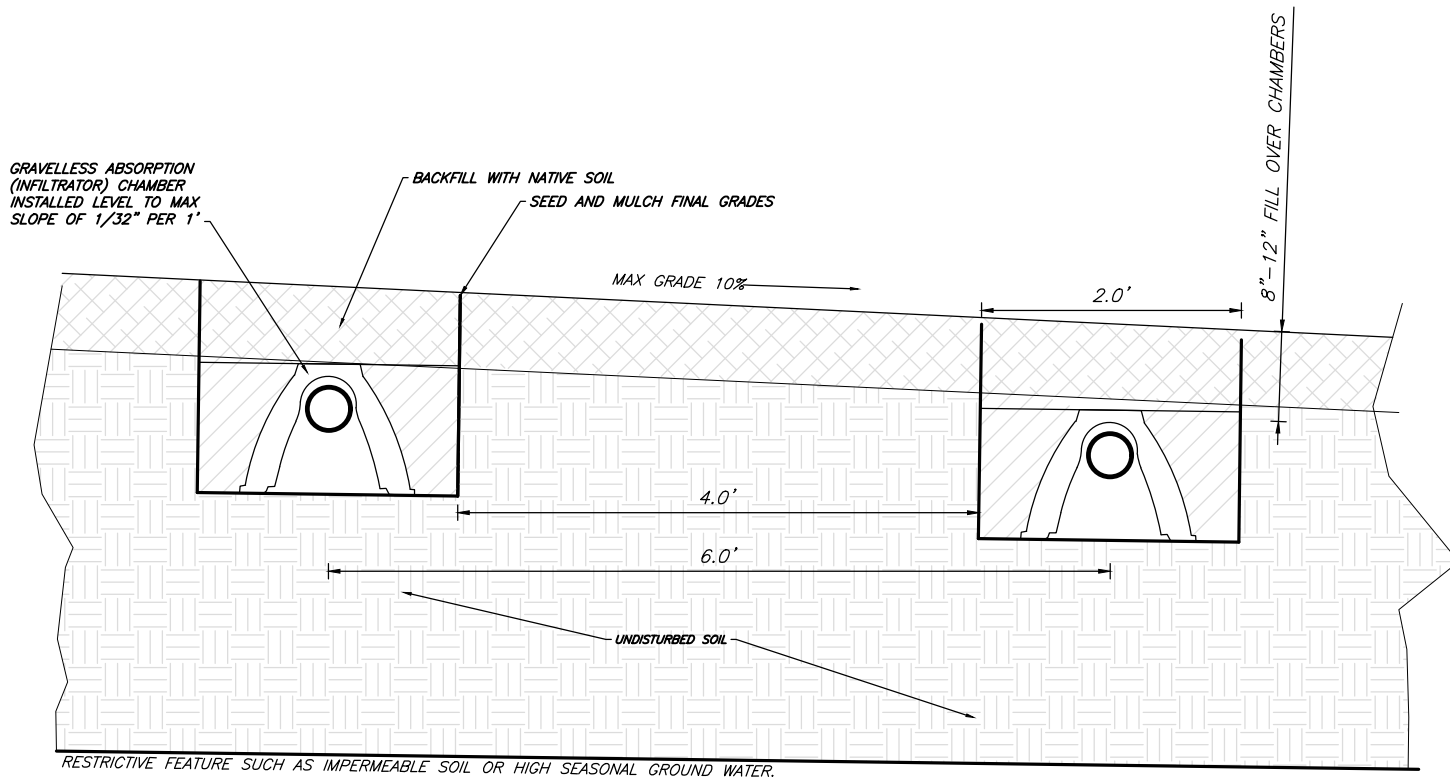
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CHECKED BY:	BAM
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JOB NO.:	18-123
DATE:	08/10/2018
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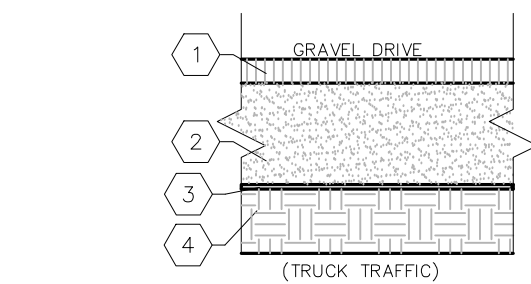




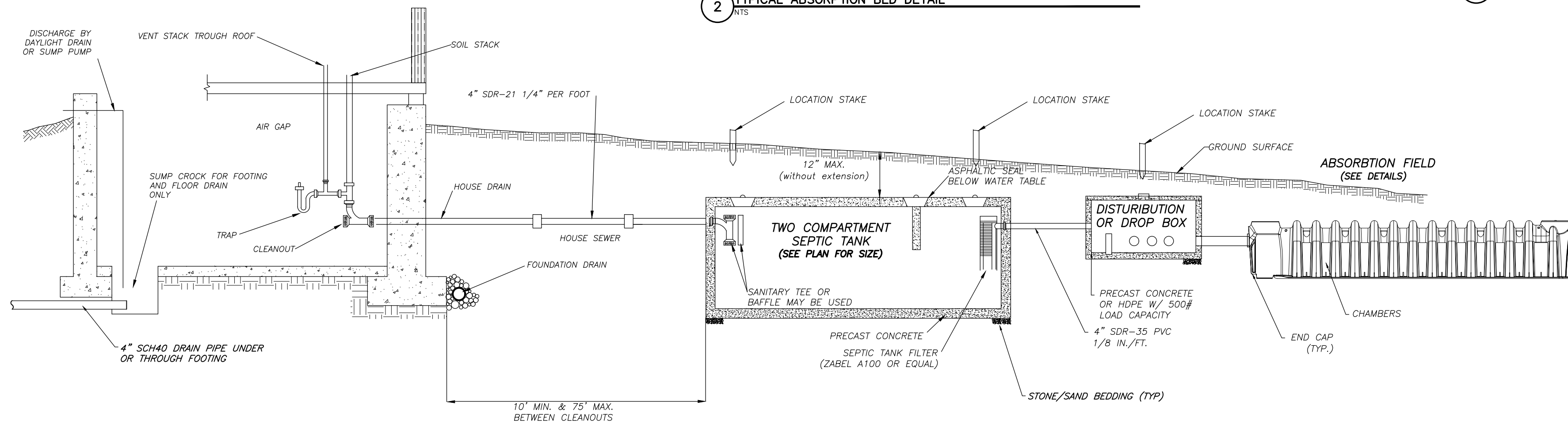
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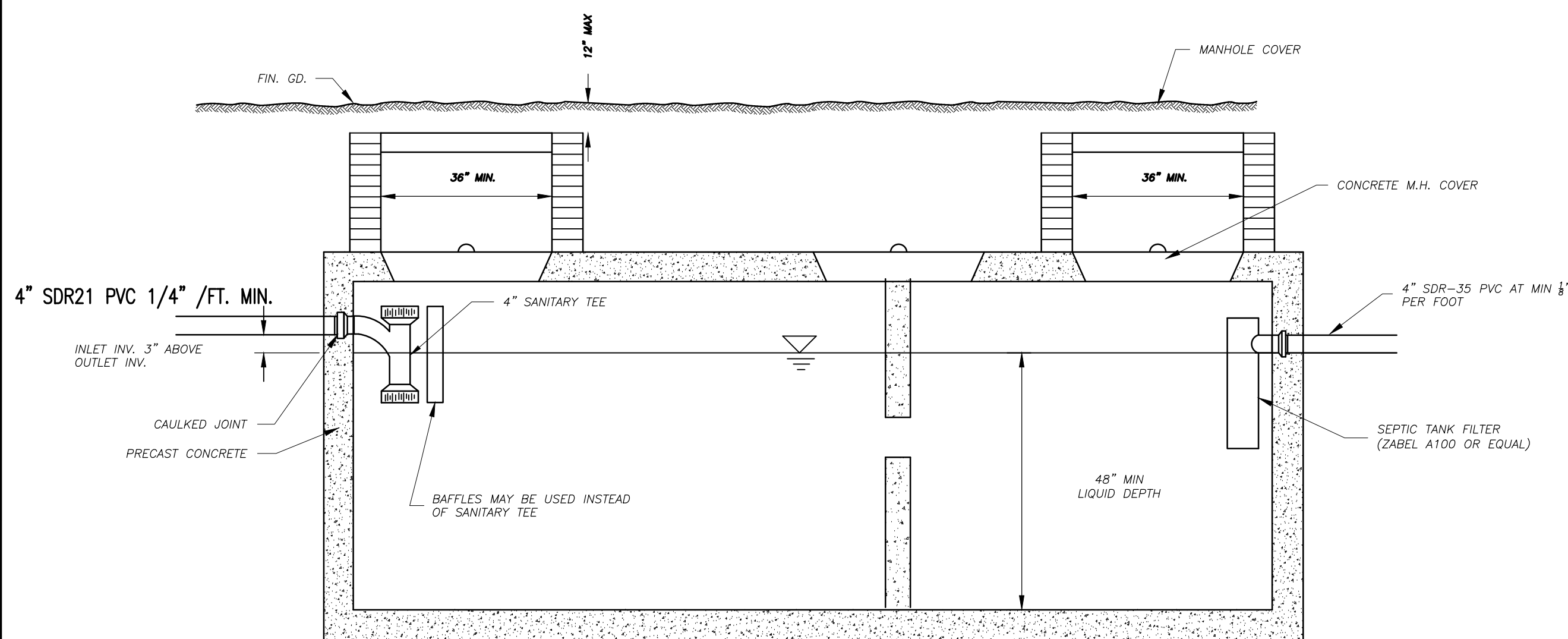
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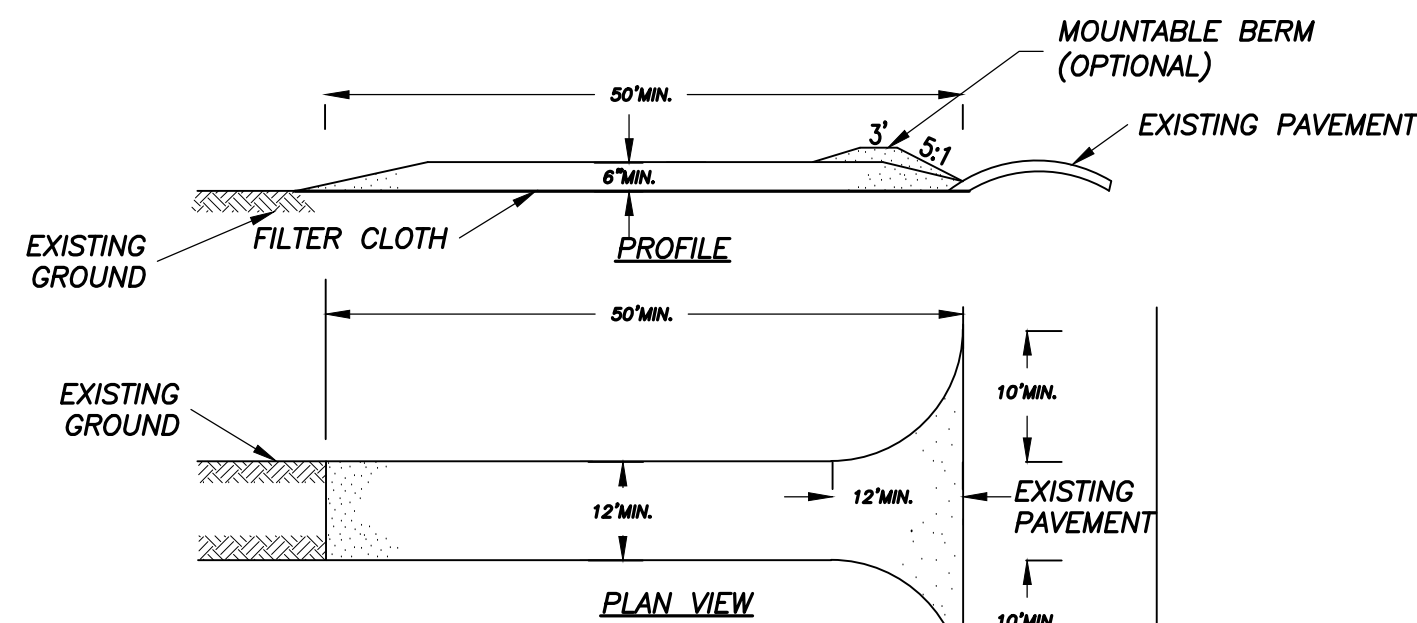
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4 TYPICAL HOUSE/SEPTIC TANK DETAIL  
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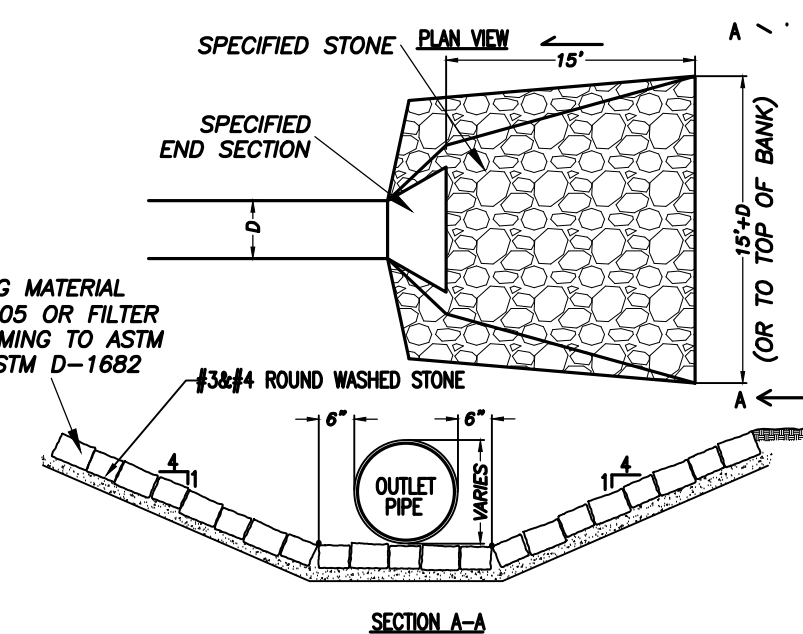
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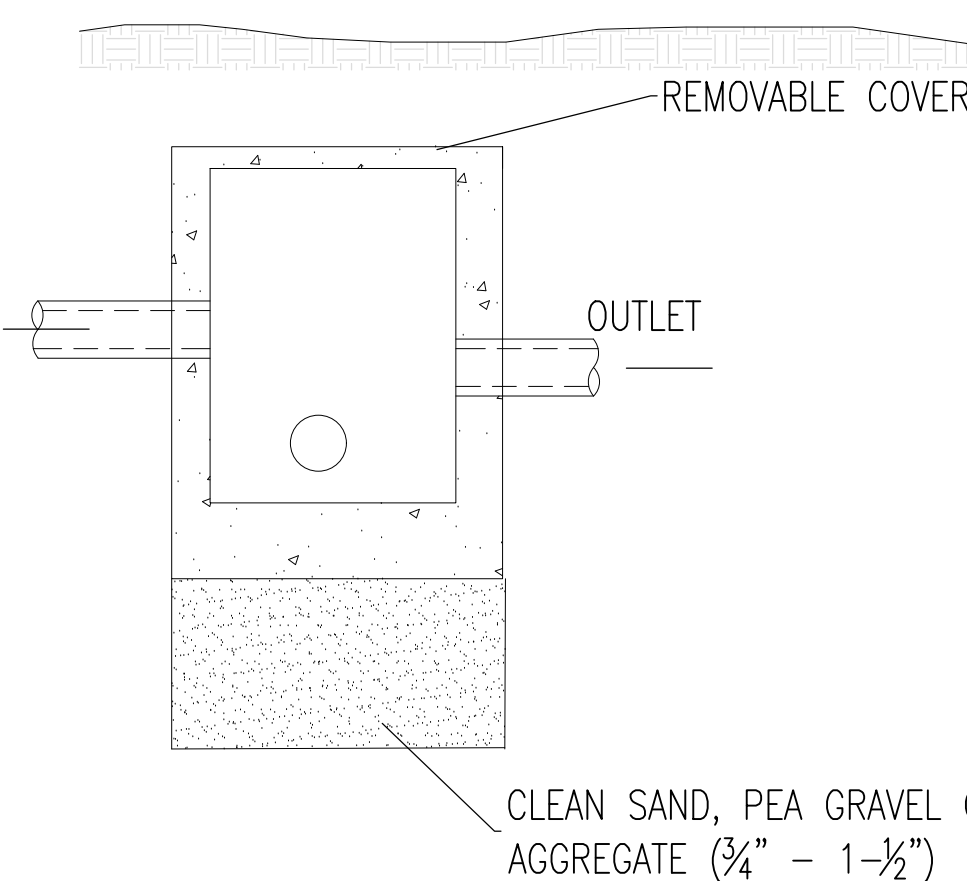
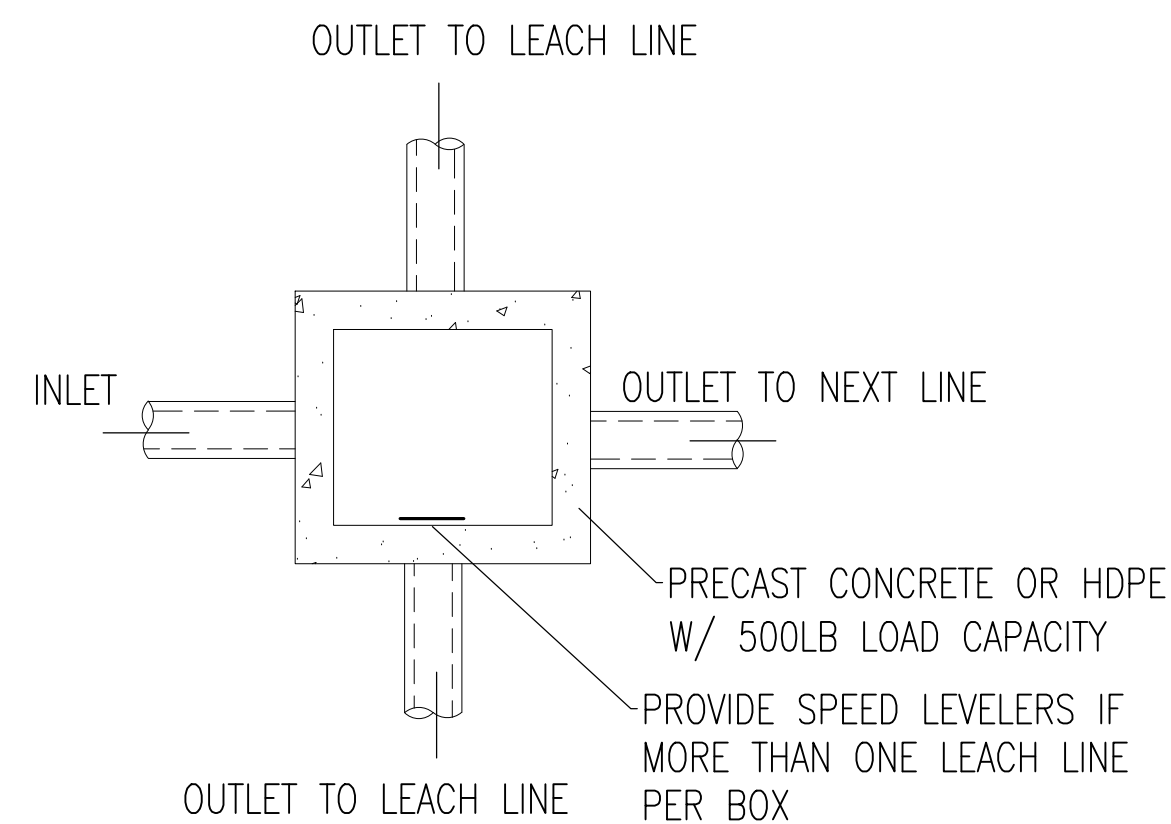
#### CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

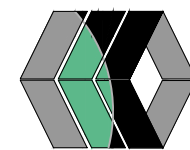
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5 TYPICAL STONE OUTLET PROTECTION  
NTS



5 TYPICAL DROP BOX  
NTS



STAMP

REVISIONS		NO.	DATE	DESCRIPTION OF REVISION OR APPROVAL	BY
		1	10/17/18	PHC REVIEW	MCP

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