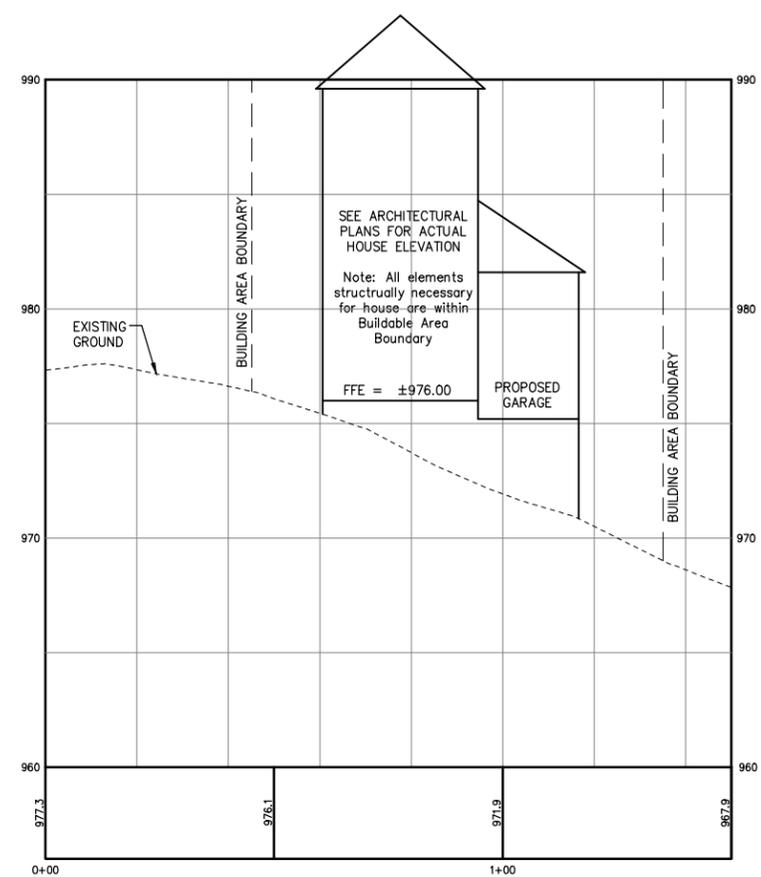
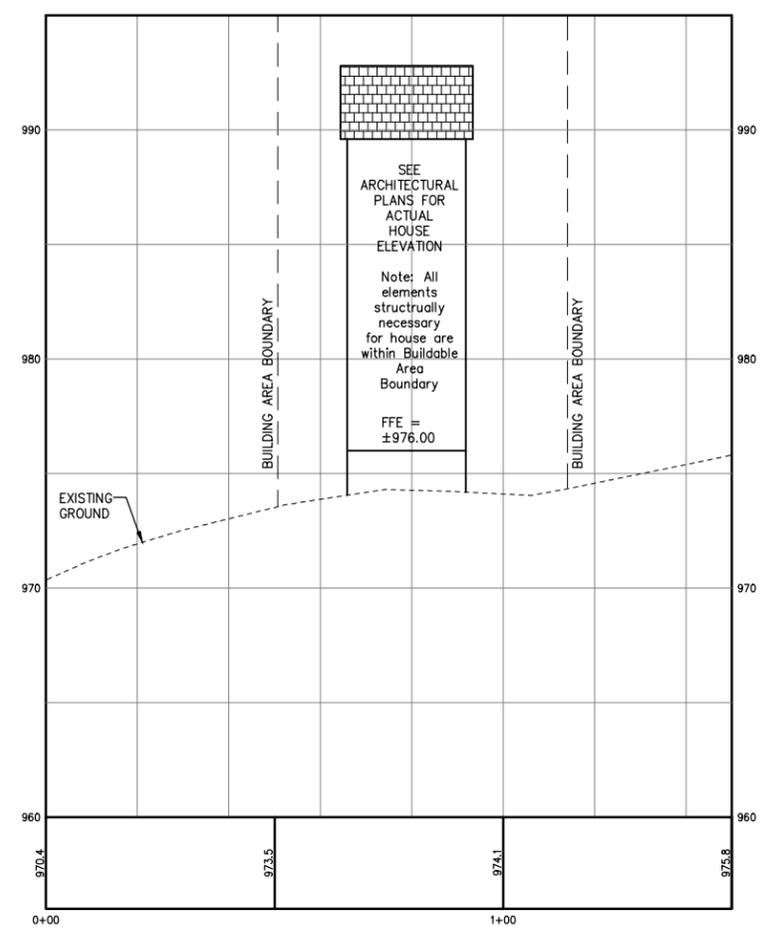


NOTE
1. SEE PAGE 5 FOR PLAN VIEW AND SECTION LINES.



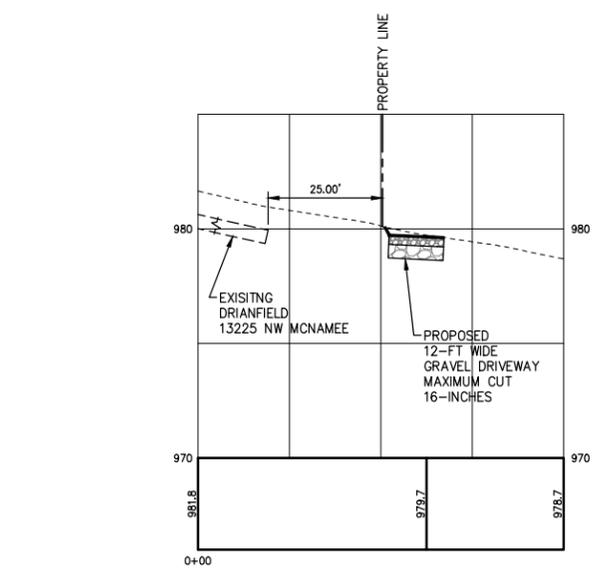
SECTION A-A'

HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 4'



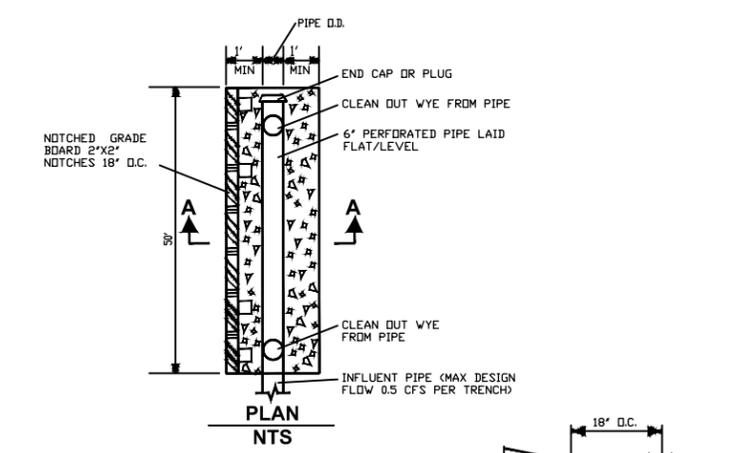
SECTION B-B'

HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 4'

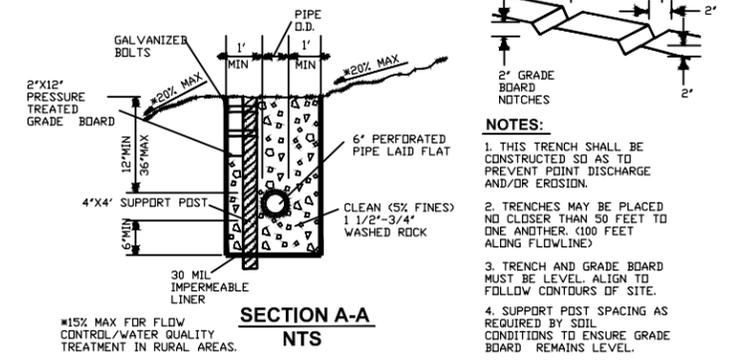


SECTION C-C'

HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 4'



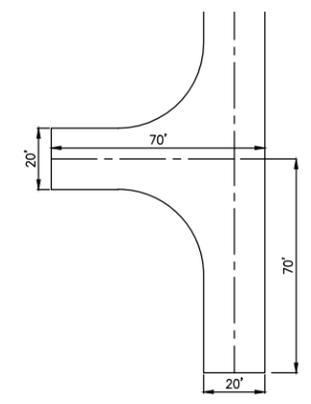
PLAN DETAILS



SECTION A-A' NTS

NOTES
1. SOURCE: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) HIGHWAY RUNOFF MANUAL, FIGURE S.4.3.9.
2. FOR MORE INFORMATION AND DETAILS SEE CONCEPT DESIGNS AND TECHNICAL GUIDANCE: STORMWATER OUTFALLS (HERRERA 2007).

NOTES:
1. THIS TRENCH SHALL BE CONSTRUCTED SO AS TO PREVENT POINT DISCHARGE AND/OR EROSION.
2. TRENCHES MAY BE PLACED NO CLOSER THAN 50 FEET TO ONE ANOTHER, (100 FEET ALONG FLOWLINE).
3. TRENCH AND GRADE BOARD MUST BE LEVEL, ALIGN TO FOLLOW CONTOURS OF SITE.
4. SUPPORT POST SPACING AS REQUIRED BY SOIL CONDITIONS TO ENSURE GRADE BOARD REMAINS LEVEL.



HAMMERHEAD TYP. GEOMETRY

HORIZONTAL SCALE: 1" = 30'

GRADING NOTES:

- STRUCTURAL FILL SHOULD CONSIST OF CLEAN, NON-ORGANIC SOILS.
- DURING DRY WEATHER STRUCTURAL FILL CAN CONSIST OF FINE-GRAINED, NON-PLASTIC MATERIAL, WITH NO ORGANICS OR OTHER DELETERIOUS DEBRIS. THE MATERIAL SHOULD HAVE A MOISTURE CONTENT NO MORE THAN 3 PERCENT HIGHER THAN THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698). STRUCTURAL FILL SHOULD BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY OF A STANDARD PROCTOR (ASTM D-698), IN 8-10 INCH LIFTS, AND USING A SHEEP-FOOT STYLE COMPACTOR. IF NATIVE SOIL IS USED FOR STRUCTURAL FILL, THEN IT WILL NEED TO BE DRIED BACK TO WITHIN 3 PERCENT OF OPTIMUM BEFORE IT IS COMPACTED.
- PRIOR TO PLACEMENT OF THE FILL, THE SUBGRADE SHOULD BE FIRM WITH NO SOFT AREAS. SOFT AREAS SHOULD BE OVEREXCAVATED AND REPLACED WITH COMPACTED STRUCTURAL FILL AS DISCUSSED ABOVE.
- TOPSOIL STRIPPINGS TO BE DISTRIBUTED ON SITE. EXCESS STRIPPINGS, PLANT MATERIAL, AND TREES WILL BE HAULED OFF SITE. ALL TREE ROOTBALLS WILL BE OVER EXCAVATED AND REPLACED WITH STRUCTURAL FILL.

GENERAL NOTES:

- FIRE APPARATUS ACCESS ROADS SHALL BE OF AN ALL-WEATHER SURFACE THAT IS EASILY DISTINGUISHABLE FROM THE SURROUNDING AREA AND IS CAPABLE OF SUPPORTING NOT LESS THAN 12,000 POUNDS POINT LOAD (WHEEL LOAD) AND 75,000 POUNDS LIVE LOAD (GROSS VEHICLE WEIGHT). DOCUMENTATION FROM A REGISTERED ENGINEER THAT THE FINAL CONSTRUCTION IS IN ACCORDANCE WITH APPROVED PLANS OR THE REQUIREMENTS OF THE FIRE CODE MAY BE REQUESTED. (OFC D102.1)
- ALL ACCESS ROADS TO BE A MINIMUM 12' WIDTH OF GRAVEL OR OTHER "ALL-WEATHER" SURFACE.
- ALL ACCESS ROADS TO MAINTAIN 13'-6" MINIMUM CLEARANCE.
- DIVERT ALL DRAINAGE AWAY FROM FUTURE HOME SITE

ATTENTION EXCAVATORS:

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

THESE GRADING PLANS ASSUME "DRY WEATHER" CONSTRUCTION. "WET WEATHER" CONSTRUCTION MEASURES NEED TO BE APPLIED BETWEEN OCTOBER 1ST AND APRIL 30TH.

THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, LOCATION & DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION

THE CONTRACTOR SHALL CONFORM TO THE PROPOSED CONTOURS AND FINISH GRADES TO ENSURE ADEQUATE SITE ACCESS AND DRAINAGE.

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MIRANDA M49 RENEWAL
NO713
PARCEL 2 PROFILES AND
DETAILS

REVISION	BY	DATE
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DESIGNED	DRAWN	REVIEWED	SUBMITTAL