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Project  
**BROADBAND FACILITY EXPANSION PHASE 2 AND 3**

TROUTDALE, OREGON



EXP. DATE 12/31/02

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REVISIONS:

REVISION	LAST REVISION THIS SHEET	REVISION EDITION	CLOSING DATE
A		07/30/2002	
B		08/12/2002	
C		09/13/2002	
D		09/27/2002	

SHEET TITLE:  
**SITE UTILITY PLAN**

FIRST ISSUED: 6/18/02  
 LAST ISSUED: 9/27/02  
 DRAWN BY:

CHECKED BY:  
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**SD5**

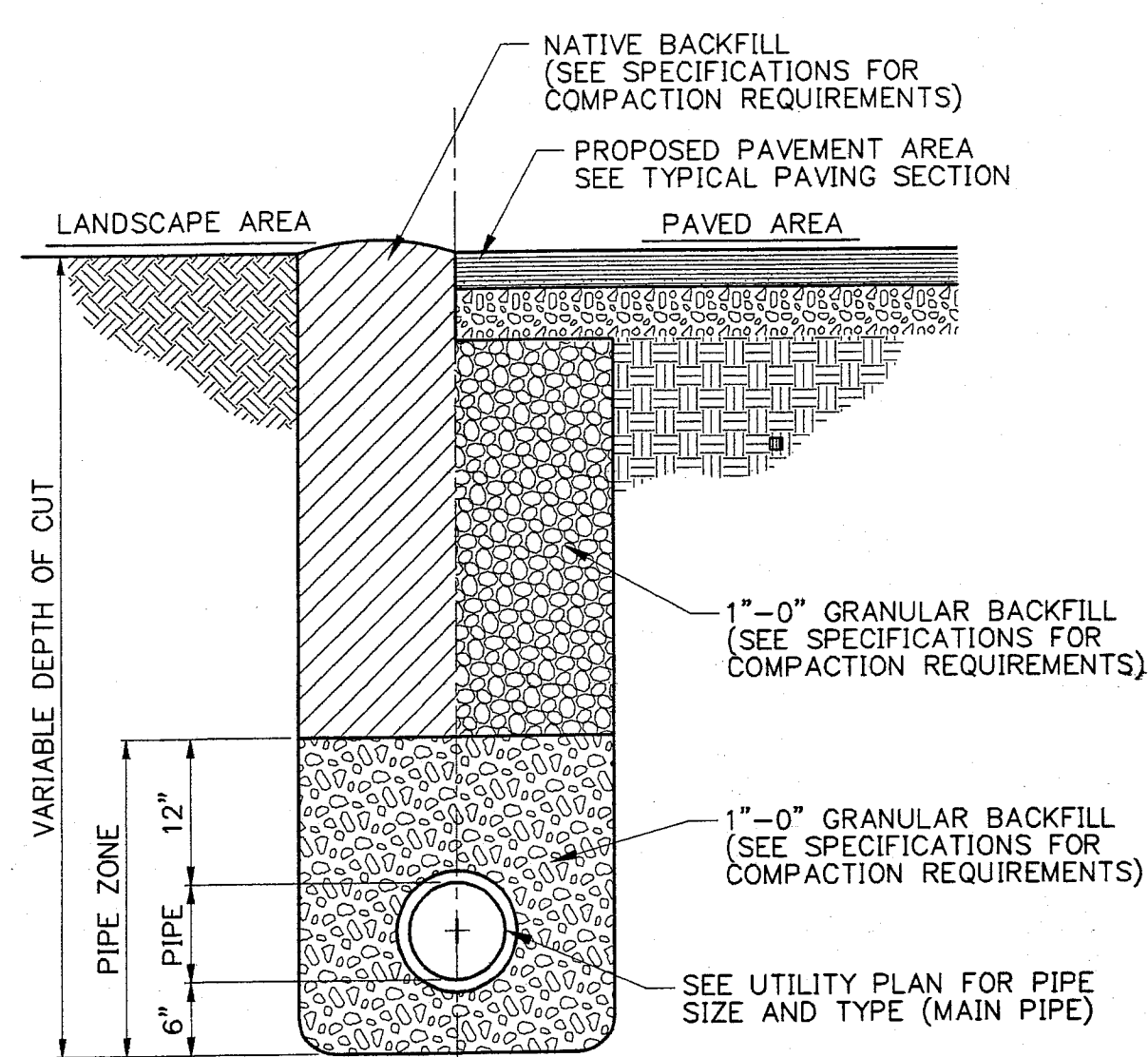
JOB NO. **990276.01**

**LEGEND**

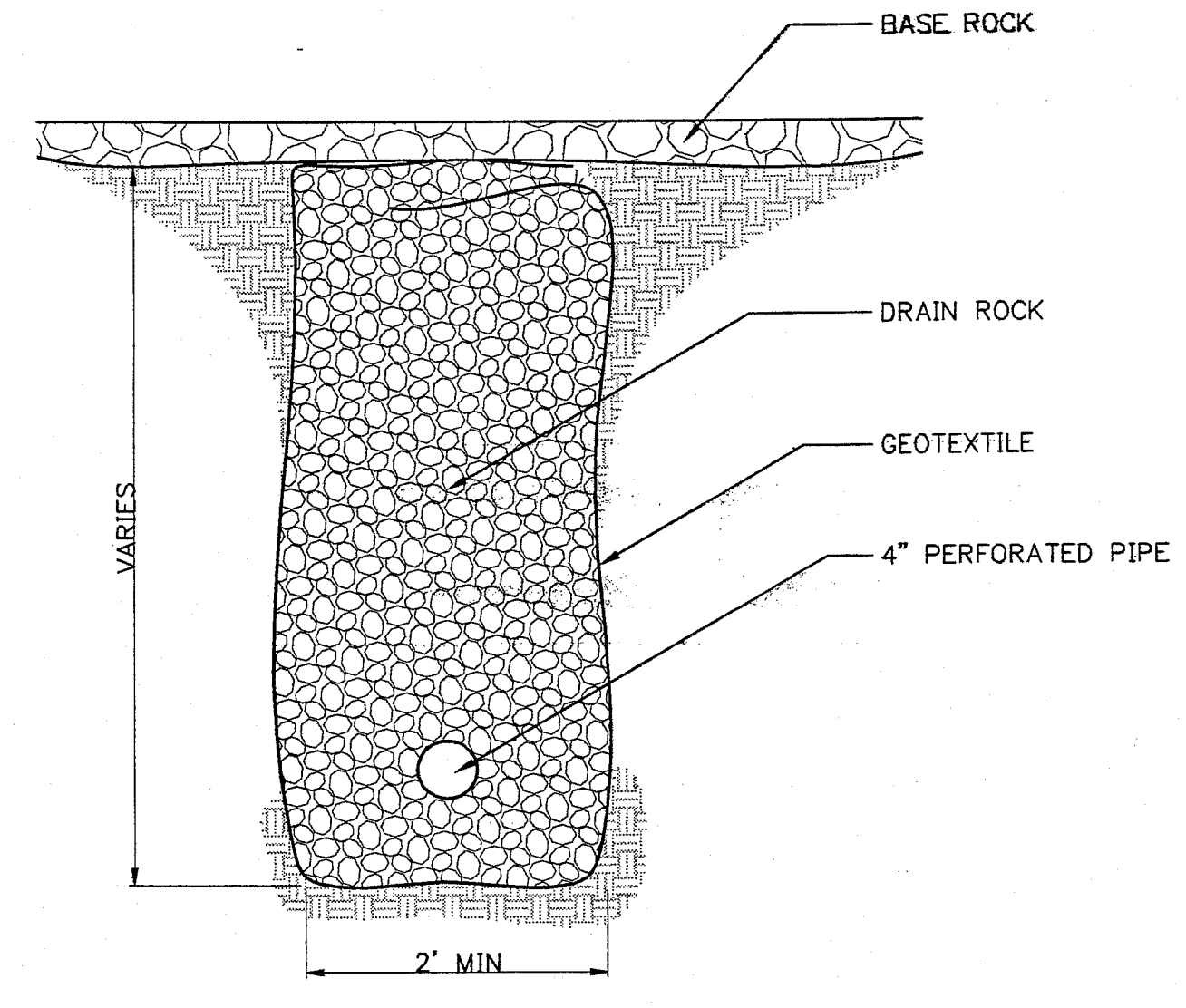
	EXISTING	PROPOSED
STORM DRAIN LINE	---	---
SANITARY SEWER LINE	SS	SS
WATERLINE	W	W
MANHOLE	○	○
WATERMETER		⊞
FIRE HYDRANT	⊞	⊞
CONTOUR LINE	96	96

**UTILITY NOTES**

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF TROUTDALE, AND THE CURRENT EDITION OF THE UNIFORM PLUMBING CODE AND THE UNIFORM BUILDING CODE.
- SANITARY SEWER MATERIALS: INTERIOR AND WITHIN 5' OF BUILDING: CAST IRON PIPE OTHER AREAS: PVC CONFORMING TO ASTM D-3034.
- THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES LAYING WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING, PROVIDING SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
- PROVIDE CLEANOUTS AS REQUIRED IN THE CURRENT UNIFORM PLUMBING CODE CHAPTER 7, SECTION 707 AND 719, AND CHAPTER 11, SECTION 1103.04.
- ALL STORM PIPING IS SIZED FOR A MANNING'S "N" VALUE = 0.013 ALL STORM PIPING IS DESIGNED FOR CONCENTRIC PIPE TO PIPE FITTINGS.
- CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING CONDITIONS PRIOR TO COMMENCING WORK. NOTIFY ENGINEER OF DISCREPANCIES.
- SEE MECHANICAL DRAWINGS FOR UTILITIES LOCATED WITHIN THE BUILDING AND TO 5' OUTSIDE THE BUILDING.
- ALL DOWNSPOUT LEADERS TO BE 6" @ 1.0% MIN. UNLESS NOTED OTHERWISE.
- VERIFY LOCATION OF EXISTING UTILITIES BY POT-HOLING PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
- ALL STORM PIPE WITH LESS THAN 1.5' OF COVER OR AS SHOWN ON PLANS SHALL BE DUCTILE IRON.
- CONTRACTOR TO POT HOLE AND VERIFY LOCATION AND ELEVATIONS OF EXISTING STORM AND SANITARY LATERALS TO BE EXTENDED. LATERALS TO BE INDEPENDENT OF ANY OTHER USE. LOCATIONS AND ELEVATIONS ARE APPROXIMATE.
- ATTENTION: 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 THE RULES BY CALLING THE CENTER, THAT NUMBER IS 503.232.1987.



**1 UTILITY TRENCH**  
 SD5 N.T.S.



**2 TYPICAL FRENCH DRAIN DETAIL**  
 SD5 N.T.S.