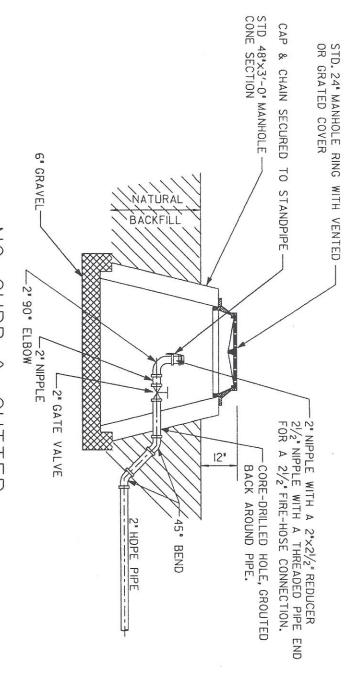
NOTE:

I- 8'LENGTH OF 21/2" FIRE HOSE TO BE FURNISHED WITH EACH AIR INLET & REMOVAL FACILITY - FOR CURB & GUTTER INCLUDE A 21/2" MALE END ADAPTER WITH AN AKRON SWIVEL ELBOW #632 AT THE FEMALE END. HOSE & FITTING TO BE RATED FOR 120 PSI WORKING PRESSURE.



NO CURB & GUTTER

AIR INLET & REMOVAL FACILITY

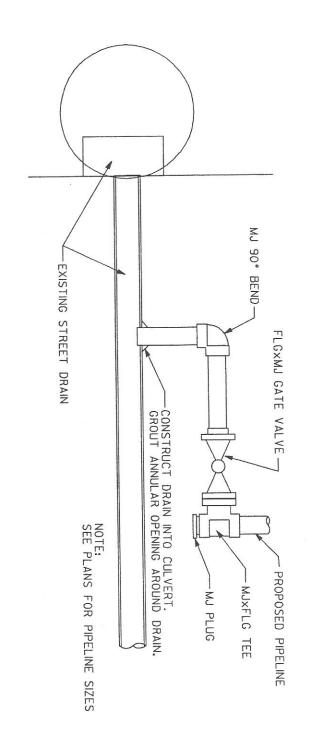
SCALE: N.T.S.

REVISION

J-U-B ENGINEERS, Inc.
784 South 400 East
Onem, Utah
84058
Phone: 801-228-0393
Fax: 801-228-0394



STANDARD DRAWINGS



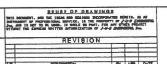
STORM DRAIN DETAIL

SCALE: N.T.S.

10 EXT SILE 160 M 150 M

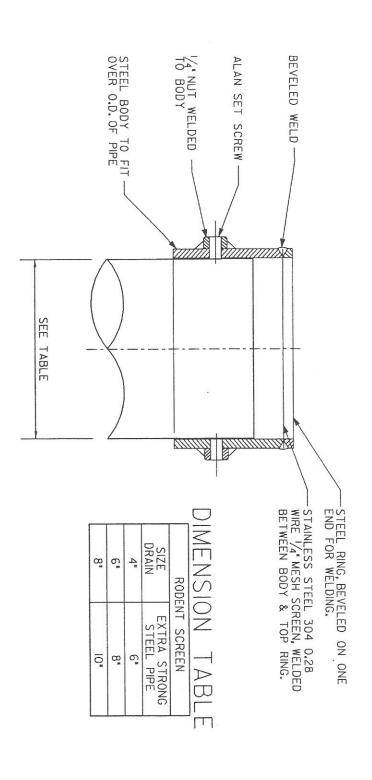
BENCHLAND WATER DISTRICT

STANDARD DRAWINGS



J-U-B ENGINEERS, Inc. 784 South 400 East Orem, Utah 84088 Phone: 601-228-9398 Fax: 801-228-9394

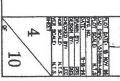




STEEL-BODIED RODENT SCREEN

 $\overline{\text{FINISH:}}$ WHITE EPOXY LINED & COATED AFTER FABRICATION.

SCALE: N.T.S



BENCHLAND WATER DISTRICT

STANDARD DRAWINGS

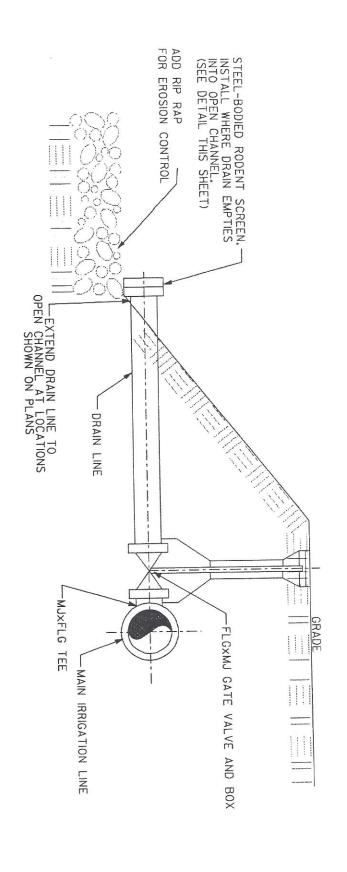
THE BOOKET, AND THE IMAGE OF DRAWLINGS

THE BOOKET, AND THE IMAGE OF SHEET SCHOOL TO SHEET, AND

JOHN AND IS SET IN SHEET, IT WAS A PORT, FOR ANY THICK PROPERTY OF THE IMAGE OF

J-U-B ENGINEERS, Inc.





OPEN CHANNEL DRAIN

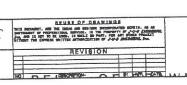
NOTE:

SEE PLANS FOR PIPELINE SIZES

SCALE: NONE

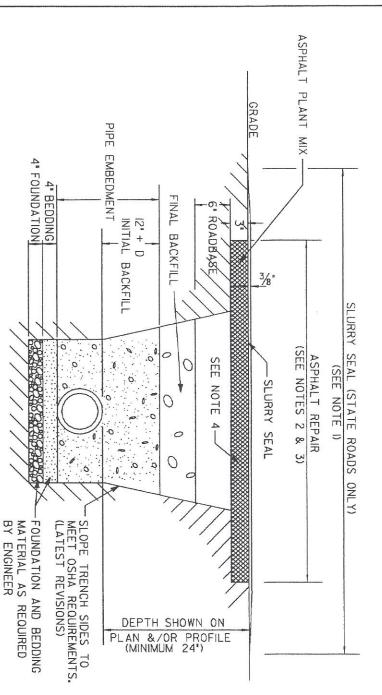
BENCHLAND WATER DISTRICT

STANDARD DRAWINGS



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ASPHALT SURFACE TRENCH SECTION

SCALE: N.T.S.

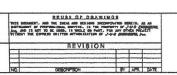
NOTES:

EACH SIDE THAN FINAL SAW CUT FOR ASPHALT REPAIR.

- 2. STATE ROADS-CUT ASPHALT TO WIDTH OF TRENCH, CONSTRUCT PIPELINE & RESTORE SUB-SURFACE. SAW CUT ASPHALT 6" WIDER THAN TRENCH ON EACH SIDE WHERE ASPHALT EXISTS. REMOVE ASPHALT & FINISH RESTORATION.
- 3. CITY ROADS-CUT ASPHALT TO WIDTH OF TRENCH, CONSTRUCT PIPELINE & RESTORE SUB-SURFACE. PLACE ASPHALT TO WIDTH OF TRENCH.
- 4. ASPHALT IS TO BE 3' OR TO MATCH EXISTING THICKNESS, WHICHEVER IS GREATER.
- 5. BEDDING AND FOUNDATION MATERIAL MAY NOT BE REQ'D IF EXISTING MATERIAL IS SUITABLE FOR PIPE BEDDING, AS DETERMINED BY ENGINEER.

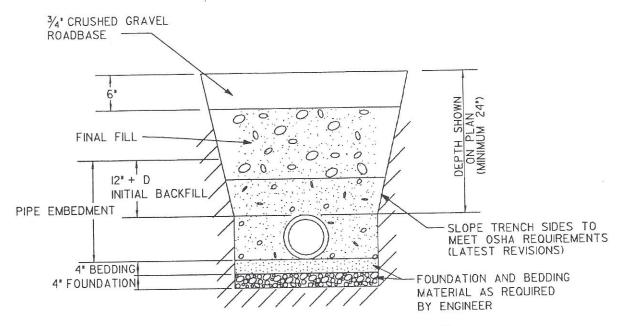
10

BENCHLAND WATER DISTRICT
STANDARD DRAWINGS



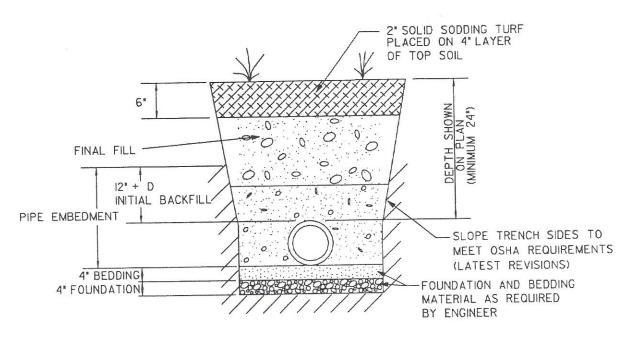
J-U-B ENGINEERS, Inc. 784 South 400 East Orem, Utah 64068 Phone: 601-228-0993 Fax: 801-228-0994





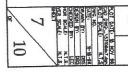
GRAVEL SURFACE TRENCH SECTION

SCALE: N.T.S.



TURF SURFACE TRENCH SECTION

SCALE: N.T.S.



BENCHLAND WATER DISTRICT
STANDARD DRAWINGS

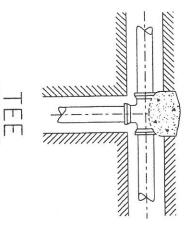
J-U-B ENGINEERS, Inc. 784 South 400 East Orem, Utah 84088 Phone: 891-228-0993 Fax: 801-228-0994

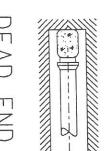


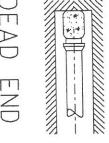
DIMENSION TABLE

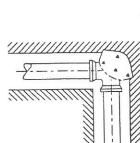
THRUST BLOCK BEARING AREA IN SQ. FT. (SEE CONDITIONS BELOW)

| | | | | | | _ | | | | - | - | - | _ | | | _ | - |
|-------|-------|-------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----------|---------------|-----------|---|
| 48 | 42 | 30 | 27 | 24 | 20 | 18 | 16 | 14 | 12 | 10 | 8 | 6 | 4 | SIZE | PIPE | | |
| 255.9 | 195.9 | 100.0 | 81.0 | 64.0 | 44.4 | 36.0 | 28.4 | 21.8 | 16.0 | Ξ | 7.1 | 4.0 | .8 | BEND | 90° | CONDITION | |
| 138.5 | 106.0 | 54.1 | 43.8 | 34.6 | 24.0 | 19.5 | 15.4 | H.8 | 8.7 | 6.0 | 3.8 | 2.2 | .0 | BEND | 45° | | |
| 0.181 | 138.5 | 70.7 | 57.3 | 45.2 | 31.4 | 25.4 | 20.1 | 15.4 | 11.3 | 7.9 | 5.0 | 2.8 | 1.3 | DEAD ENDS | VALVES, TEES, | TION | |



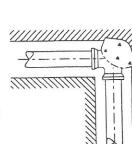




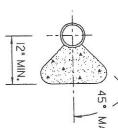


DEAD

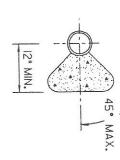
END



90° BEND



T Z C



OR 22 I

TION

STAINLESS STEEL-STRAPS REQ'D 777778807777

NOTE: ALL FITTINGS SHALL BE WRAPPED WITH 12 MIL VISQUEEN PRIOR TO

POURING THE CONCRETE THRUST BLOCK.

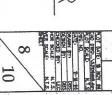
SOIL BEARING CAPACITY - 1500 PSF

CONDITIONS:

VALVE ANCHORS REQ'D FOR VALVES 12" OR LARGER

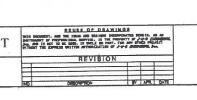
THRUST BLOCKING

SCALE: N.T.S.



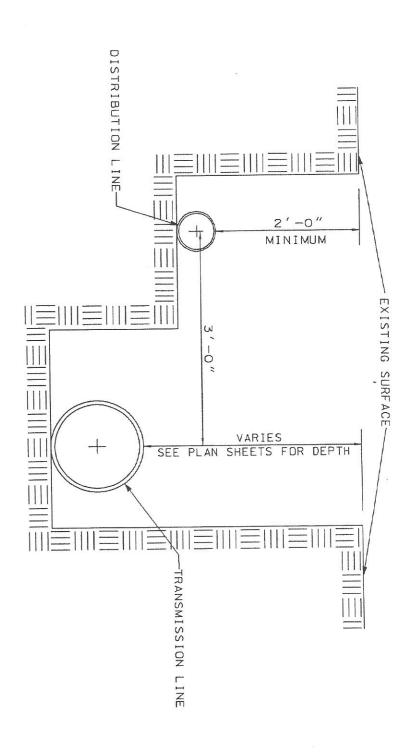
BENCHLAND WATER DISTRICT

STANDARD DRAWINGS



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SUB.

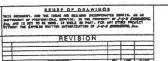


DUAL PIPELINE
TRENCH DETAIL
scale: N.T.S.

9 9

BENCHLAND WATER DISTRICT

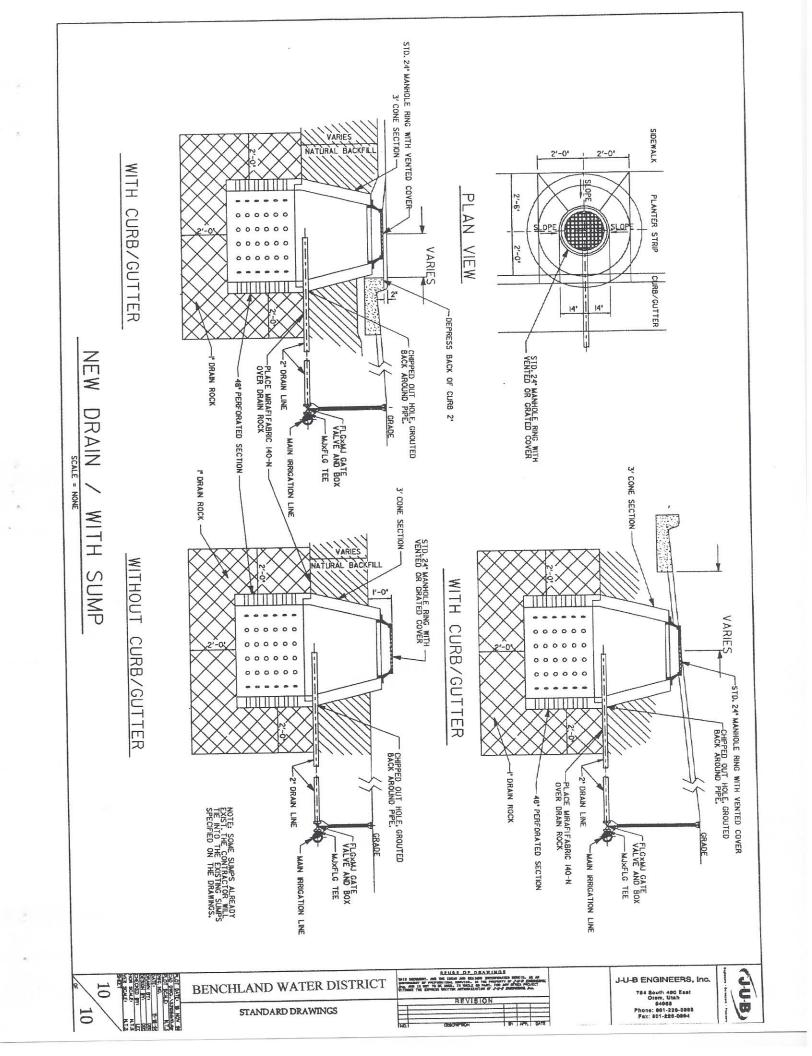
STANDARD DRAWINGS

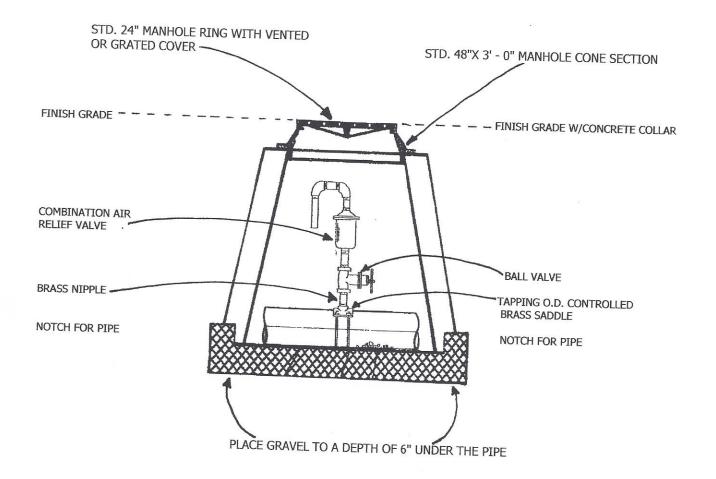


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TYPICAL AIR VALVE STATION