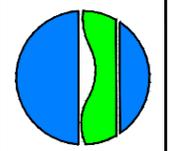


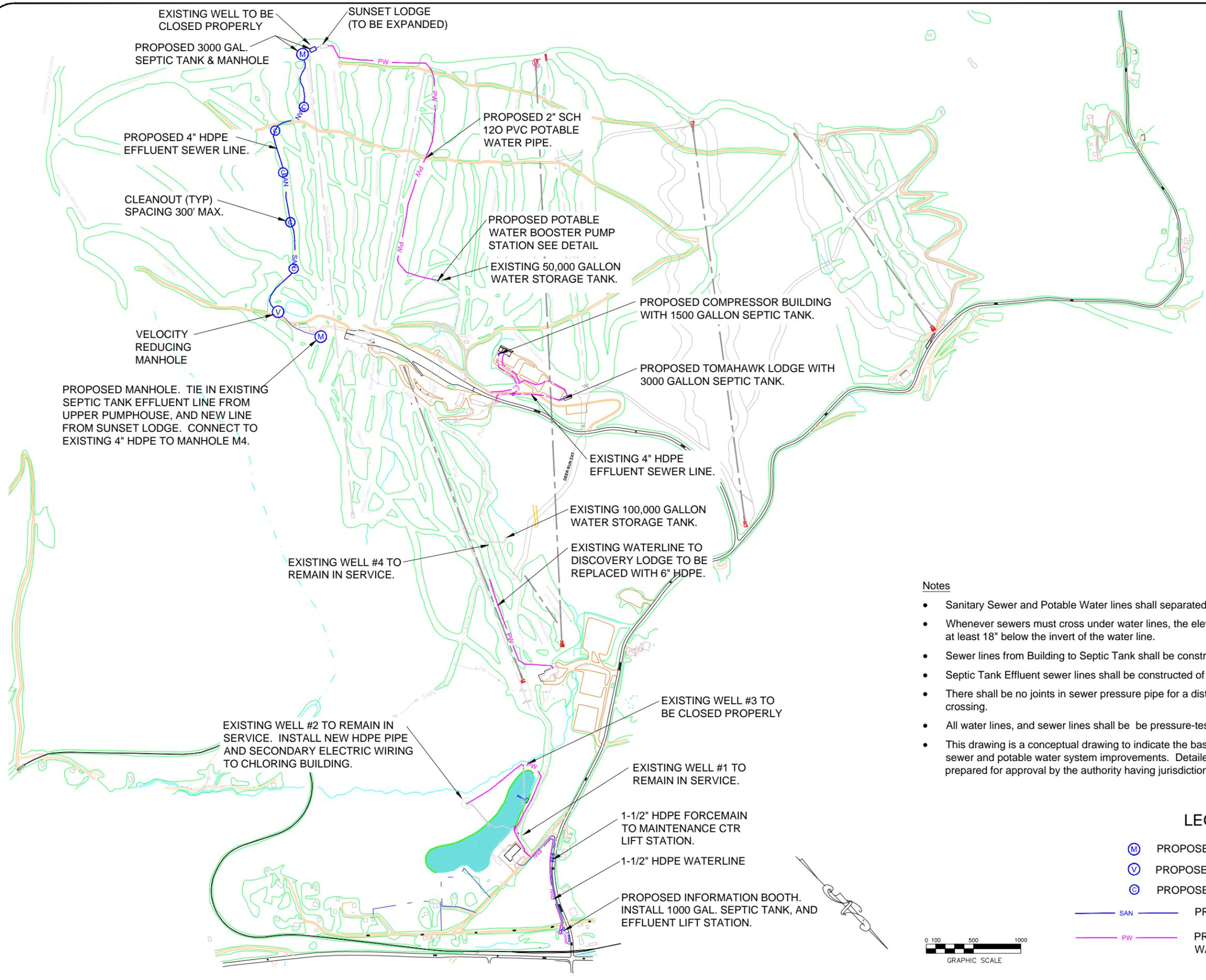
NOTE  
 PLANS INDICATE UNDERGROUND PRIMARY  
 ELECTRIC LINES. THE SKI CENTER OPERATOR  
 MAY AT THEIR DISCRETION INSTALL SOME  
 SECTIONS OF THE PRIMARY ELECTRIC LINES  
 ABOVE GROUND IF NO SIGNIFICANT ADDITIONAL  
 TREE CUTTING IS REQUIRED.

**LEGEND**

- PROPOSED SWITCHGEAR S
- PROPOSED SECTIONALIZER SC
- PROPOSED TRANSFORMER T
- PROPOSED TRANSFORMER & LOAD CENTER TL
- PROPOSED BURIED PRIMARY ELECTRIC LINE  UGPE
- PROPOSED DUPLEX FANGUN RECEPTACLE R



NOV., 2012



PROPOSED MANHOLE. TIE IN EXISTING SEPTIC TANK EFFLUENT LINE FROM UPPER PUMPHOUSE, AND NEW LINE FROM SUNSET LODGE. CONNECT TO EXISTING 4" HDPE TO MANHOLE M4.

CLEANOUT (TYP) SPACING 300' MAX.

PROPOSED 4" HDPE EFFLUENT SEWER LINE.

PROPOSED 3000 GAL. SEPTIC TANK & MANHOLE

EXISTING WELL TO BE CLOSED PROPERLY

SUNSET LODGE (TO BE EXPANDED)

PROPOSED 2" SCH 120 PVC POTABLE WATER PIPE.

PROPOSED POTABLE WATER BOOSTER PUMP STATION SEE DETAIL

EXISTING 50,000 GALLON WATER STORAGE TANK.

PROPOSED COMPRESSOR BUILDING WITH 1500 GALLON SEPTIC TANK.

PROPOSED TOMAHAWK LODGE WITH 3000 GALLON SEPTIC TANK.

EXISTING 4" HDPE EFFLUENT SEWER LINE.

EXISTING 100,000 GALLON WATER STORAGE TANK.

EXISTING WATERLINE TO DISCOVERY LODGE TO BE REPLACED WITH 6" HDPE.

EXISTING WELL #4 TO REMAIN IN SERVICE.

EXISTING WELL #3 TO BE CLOSED PROPERLY

EXISTING WELL #1 TO REMAIN IN SERVICE.

1-1/2" HDPE FORCEMAIN TO MAINTENANCE CTR LIFT STATION.

1-1/2" HDPE WATERLINE

PROPOSED INFORMATION BOOTH. INSTALL 1000 GAL. SEPTIC TANK, AND EFFLUENT LIFT STATION.

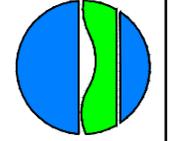
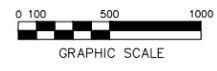
EXISTING WELL #2 TO REMAIN IN SERVICE. INSTALL NEW HDPE PIPE AND SECONDARY ELECTRIC WIRING TO CHLORING BUILDING.

**Notes**

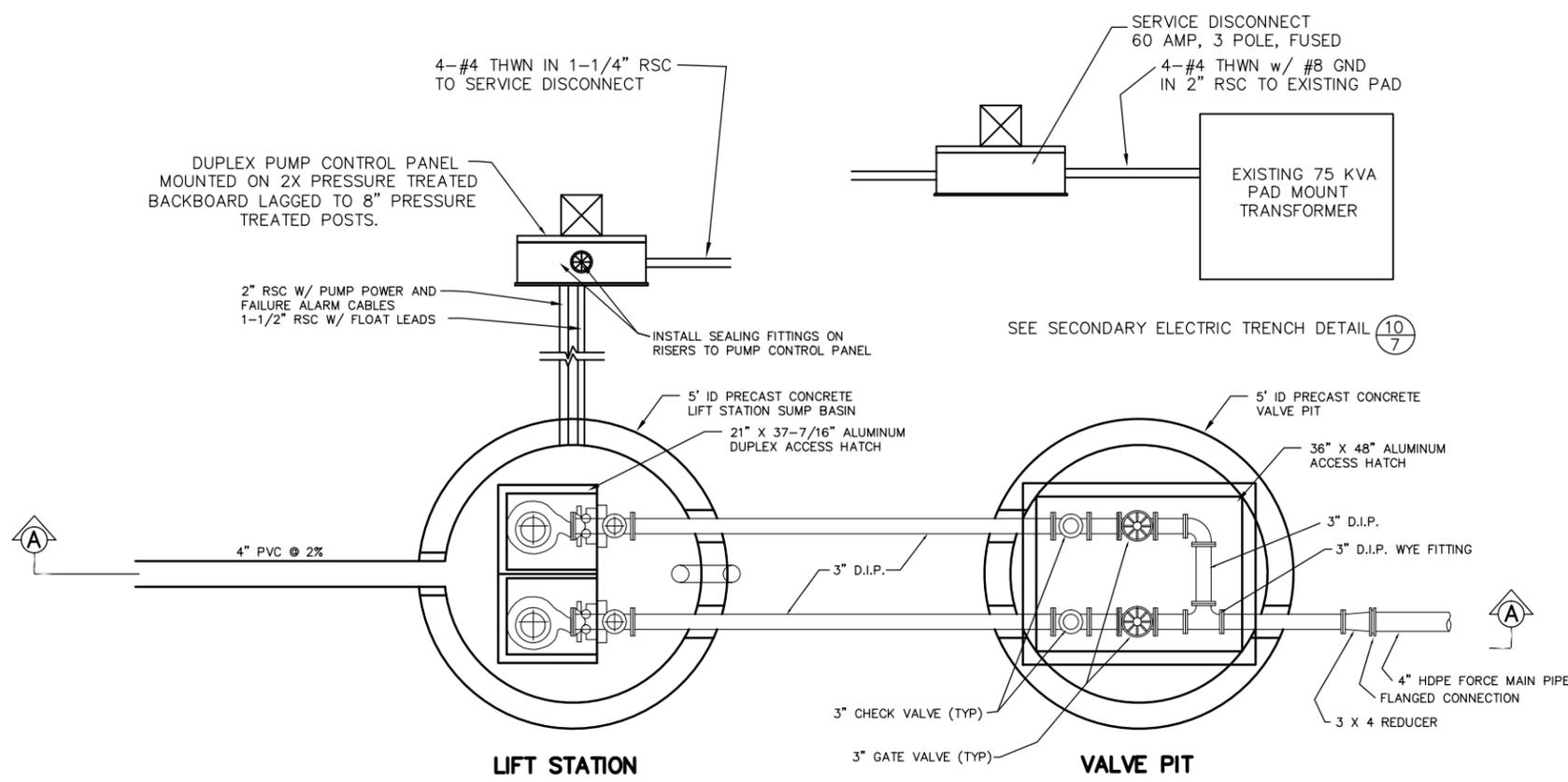
- Sanitary Sewer and Potable Water lines shall be separated by 10' horizontally where possible.
- Whenever sewers must cross under water lines, the elevation of the crown of the sewer must be at least 18" below the invert of the water line.
- Sewer lines from Building to Septic Tank shall be constructed of Service Weight Cast Iron Pipe.
- Septic Tank Effluent sewer lines shall be constructed of 160 psi HDPE pipe.
- There shall be no joints in sewer pressure pipe for a distance of 10' on either side of a waterline crossing.
- All water lines, and sewer lines shall be pressure-tested to assure water-tightness.
- This drawing is a conceptual drawing to indicate the basic type, size, and location of sanitary sewer and potable water system improvements. Detailed drawings and specifications shall be prepared for approval by the authority having jurisdiction prior to construction.

**LEGEND**

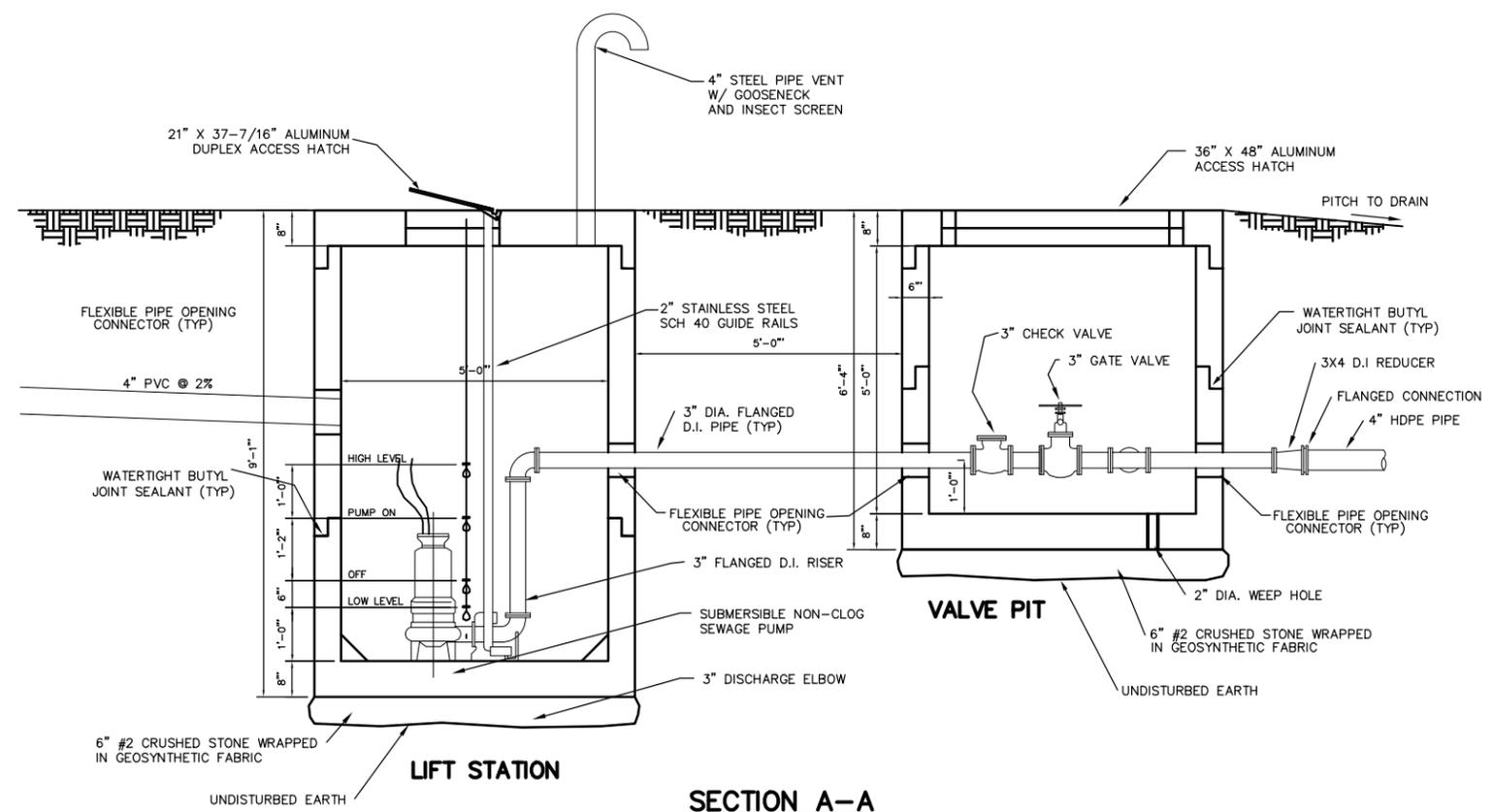
- (M) PROPOSED SEWER MANHOLE
- (V) PROPOSED VELOCITY MANHOLE
- (C) PROPOSED SEWER CLEANOUT
- SAN PROPOSED SEWERLINE
- PW PROPOSED POTABLE WATERLINE



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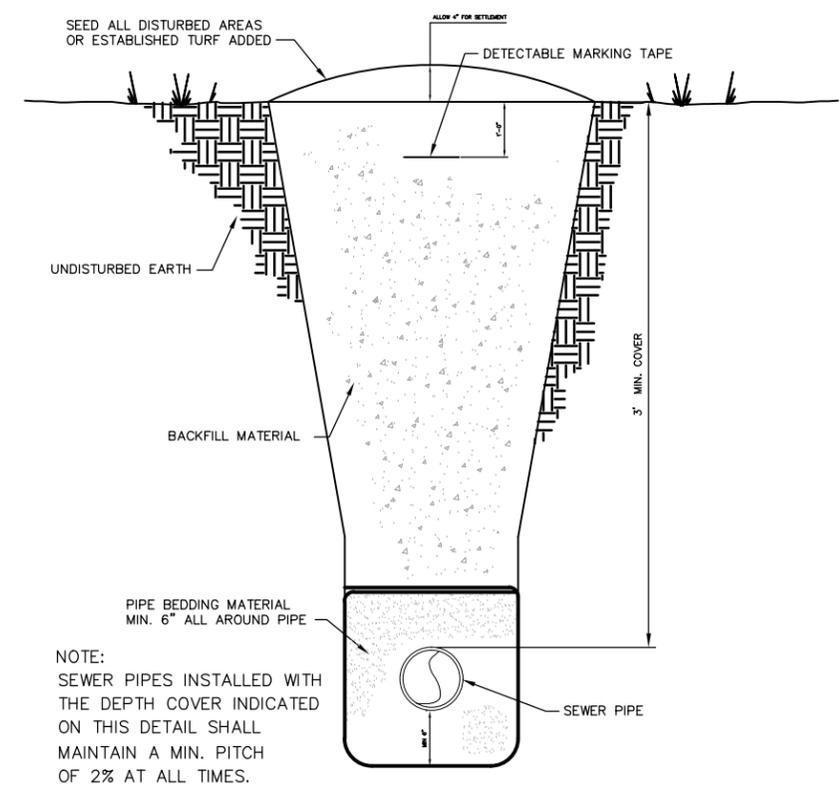


**PLAN VIEW**

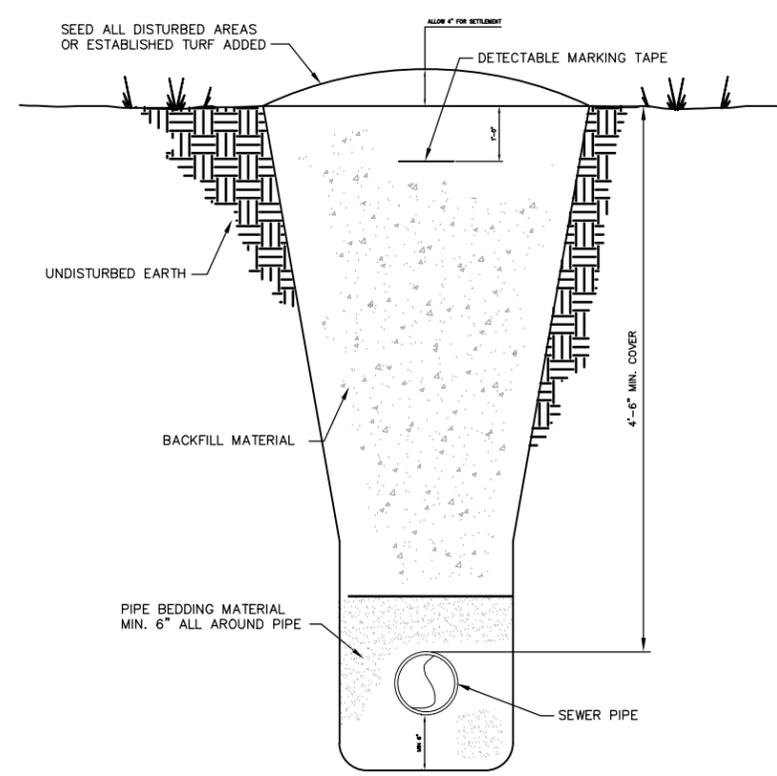


**SECTION A-A**

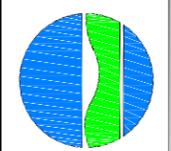
**SUMMIT LODGE LIFT STATION & VALVE PIT DETAIL** 1  
NOT TO SCALE UT3



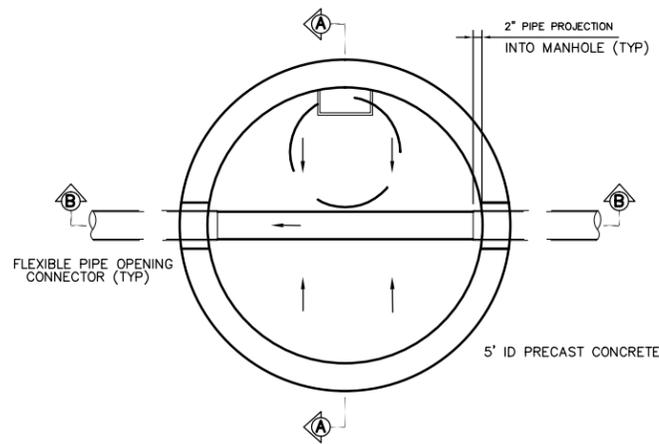
**SEWER TRENCH (SHALLOW BURY) DETAIL** 2  
NOT TO SCALE UT3



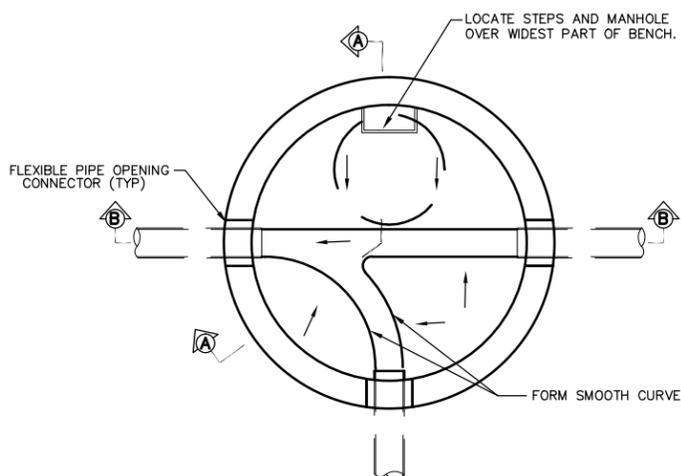
**SEWER TRENCH (DEEP BURY) DETAIL** 3  
NOT TO SCALE UT3



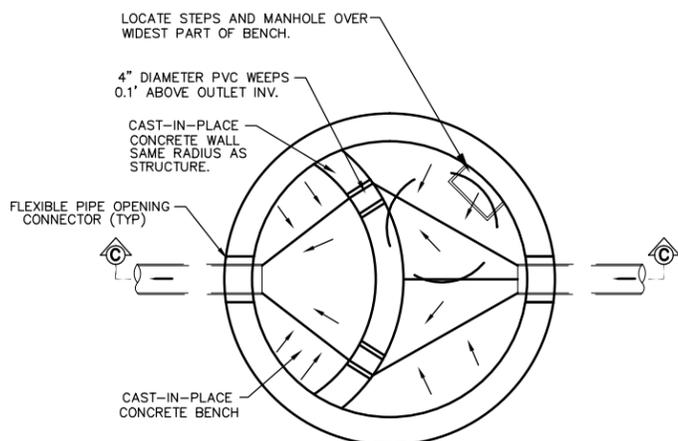
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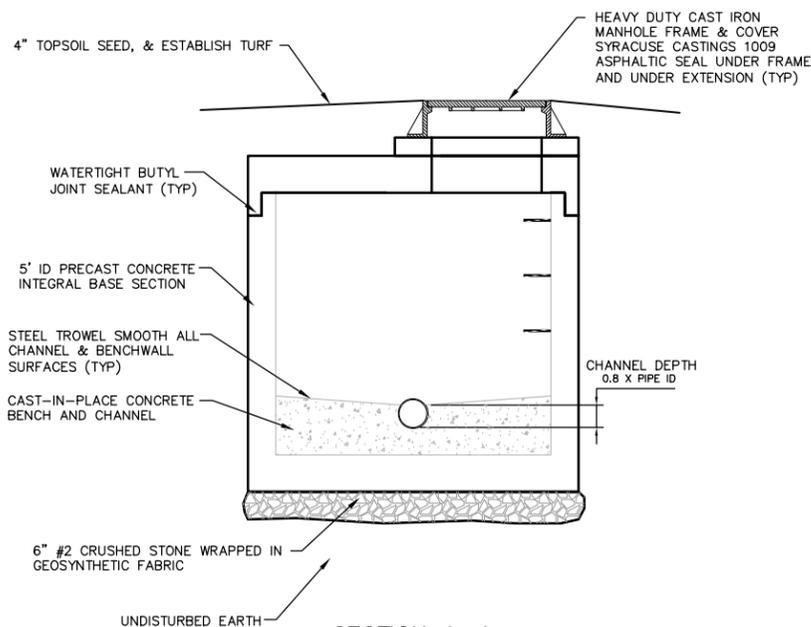
**PLAN VIEW - ONE WAY INVERT**



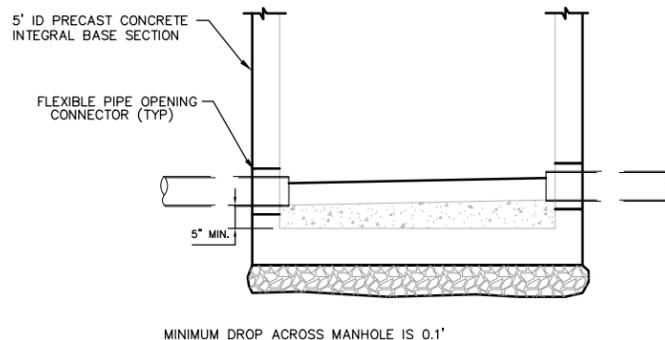
**PLAN VIEW - MULTIPLE INVERT**



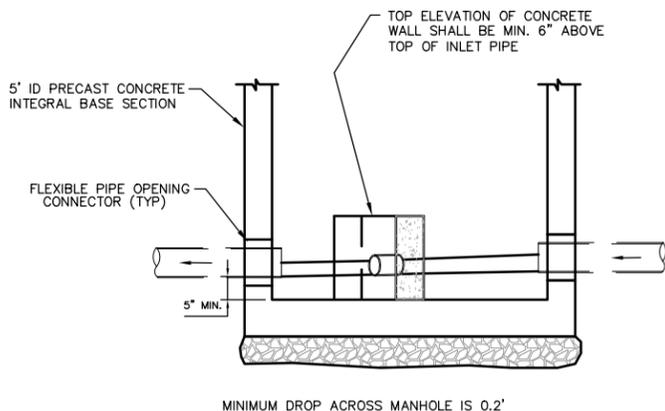
**PLAN VIEW - ENERGY DISSIPATING**



**SECTION A-A**



**SECTION B-B**

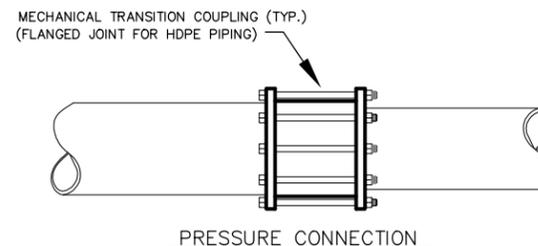
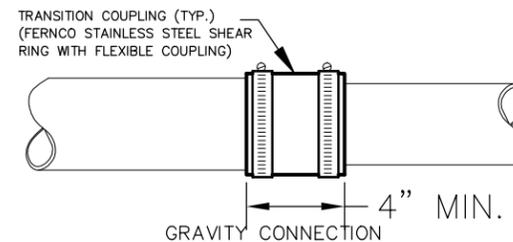


**SECTION C-C**

**SANITARY SEWER MANHOLE DETAILS**

NOT TO SCALE

1  
UT4

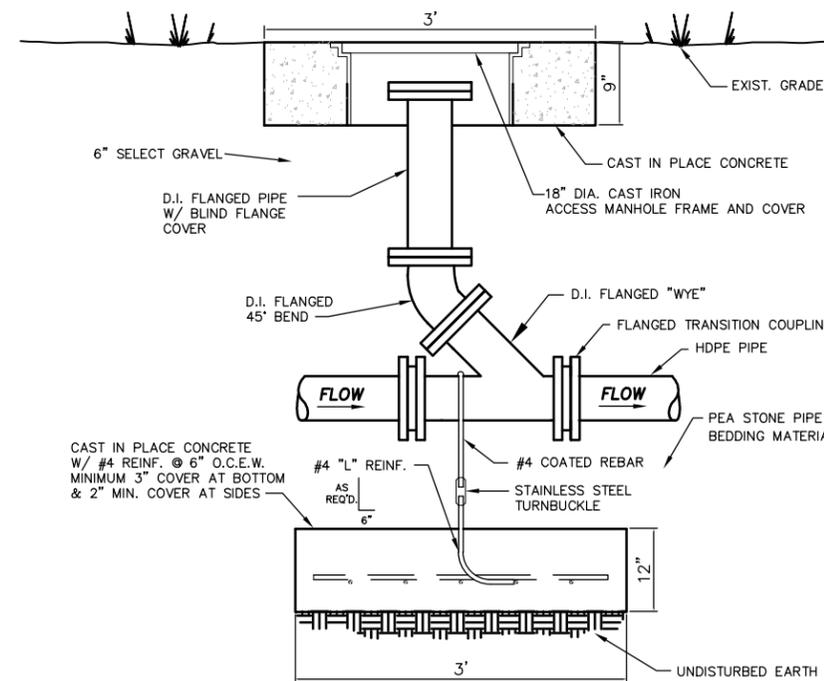


NOTE:  
TRANSITION COUPLING SHALL BE USED TO CONNECT PIPES  
OF DIFFERENT O.D. AND/OR MATERIAL

**TRANSITION COUPLING DETAIL**

NOT TO SCALE

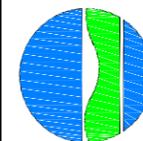
2  
UT4

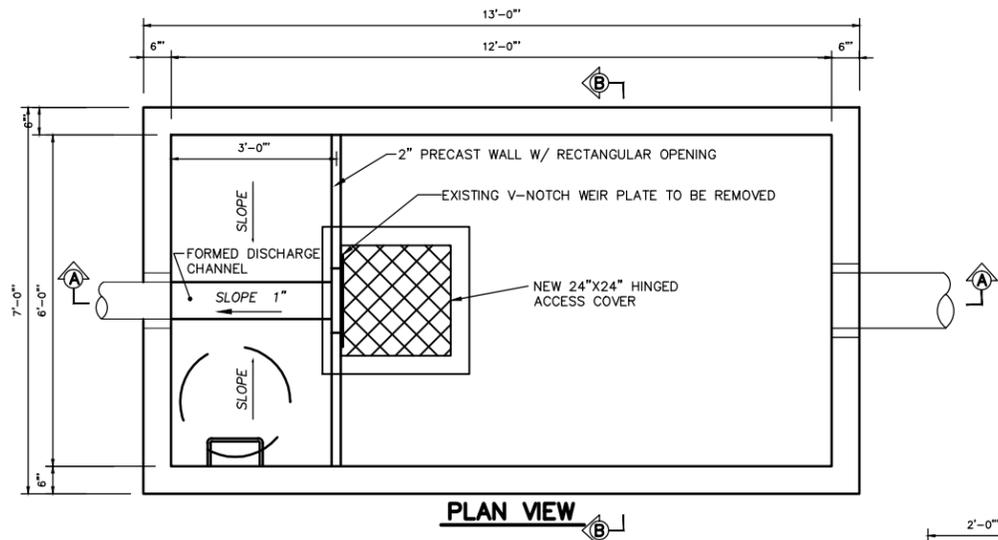


**SEWERLINE CLEANOUT DETAIL**

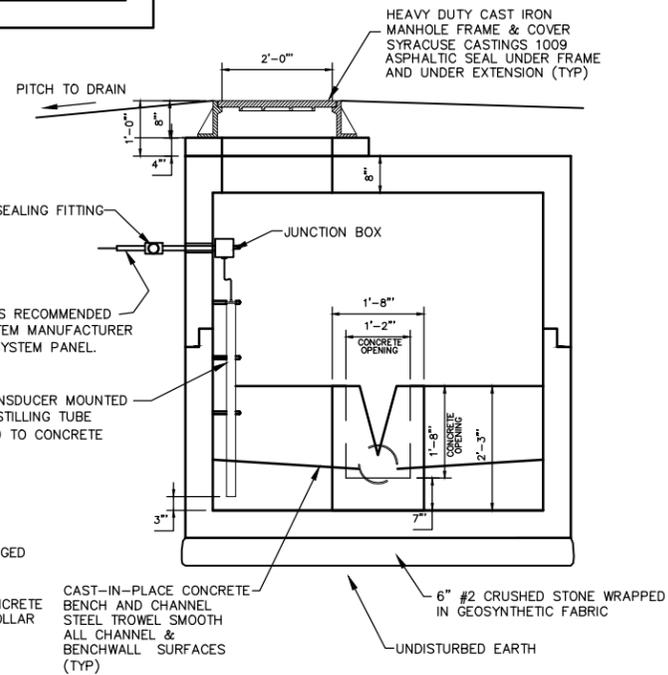
NOT TO SCALE

3  
UT4

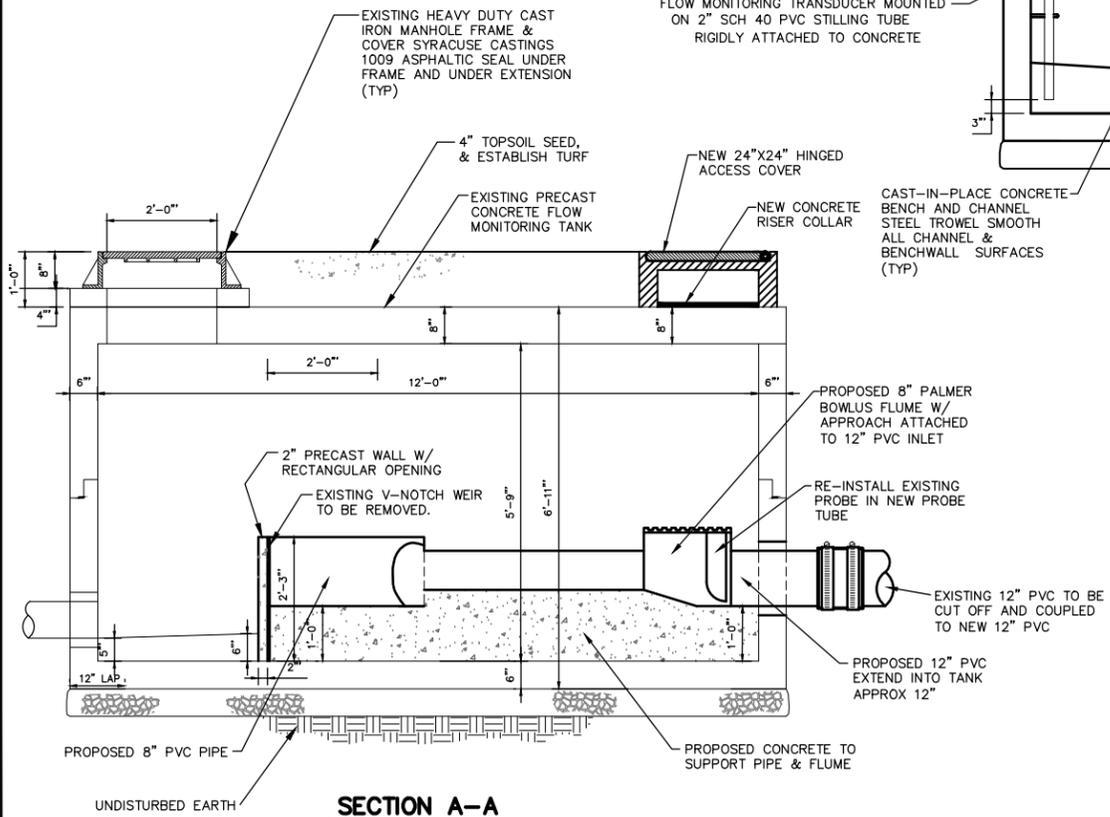




**PLAN VIEW**



**SECTION B-B**

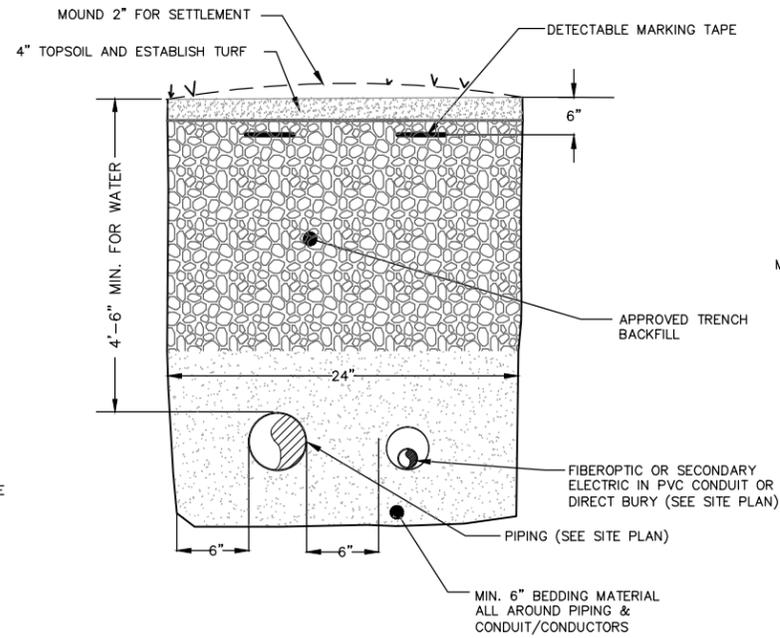


**SECTION A-A**

**FLOW MONITORING STATION MODIFICATION DETAIL**

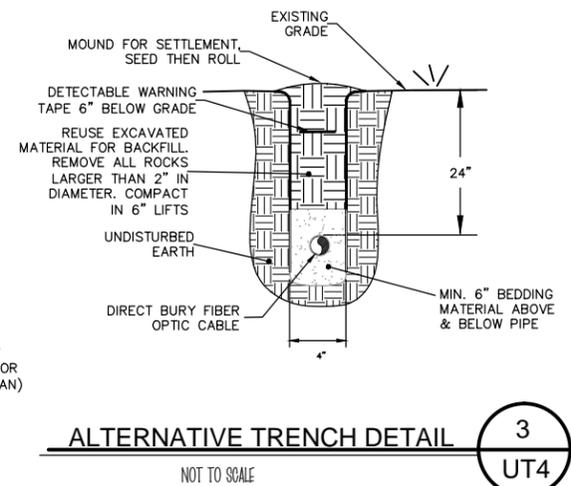
NOT TO SCALE

1  
UT5



**TRENCH DETAIL 2**  
NOT TO SCALE

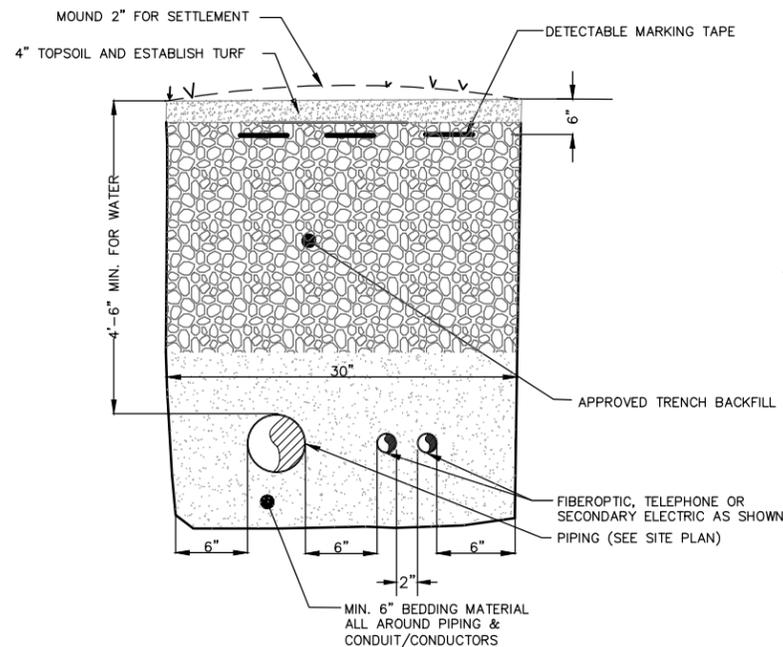
2  
UT5



**ALTERNATIVE TRENCH DETAIL 3**

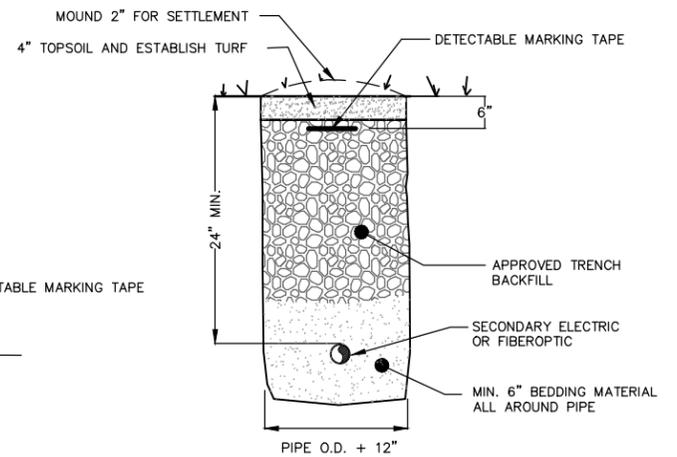
NOT TO SCALE

3  
UT4



**TRENCH DETAIL 4**  
NOT TO SCALE

4  
UT5



**TRENCH DETAIL 5**  
NOT TO SCALE

5  
UT5

**NOTE**  
PLANS INDICATE UNDERGROUND PRIMARY ELECTRIC LINES. THE SKI CENTER OPERATOR MAY AT THEIR DISCRETION INSTALL SOME SECTIONS OF THE PRIMARY ELECTRIC LINES ABOVE GROUND IF NO SIGNIFICANT ADDITIONAL TREE CUTTING IS REQUIRED.

