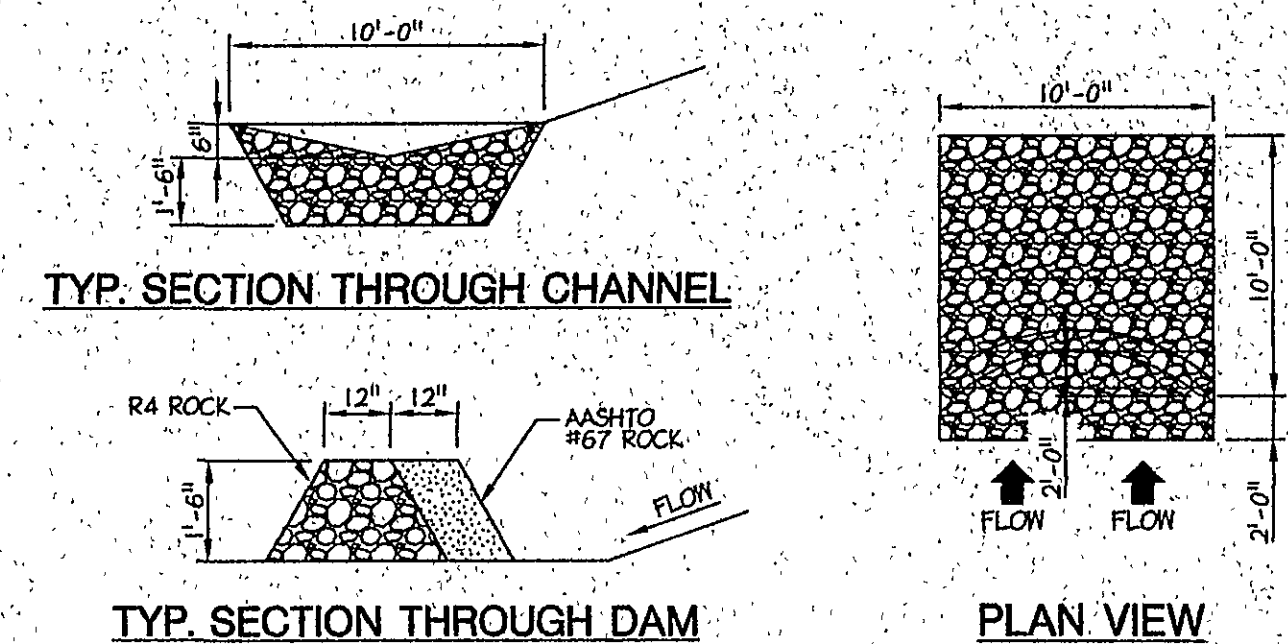


STRUCTURAL & GENERAL NOTES

- THE GENERAL CONTRACTOR AND OR HIS SUB-CONSULTANT SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTION WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- REFER TO THE SITE PLAN PREPARED BY OTHERS FOR BOUNDARY SURVEY.
- DESIGN REQUIREMENTS FOR THE ANTENNA SUPPORTING STRUCTURES ARE PER BOCA NATIONAL BUILDING CODE /1996, AND THE EIA /TIA-222-F STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES. THE BASIC WIND SPEED UTILIZED FOR DESIGN IS 80 MPH PLUS 1/2" IGE.
- STRUCTURAL STEEL SHALL CONFORM TO LATEST EDITION OF THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN & PLASTIC DESIGN INCLUDING THE COMMENTARY & THE CODE OF STANDARD PRACTICE.
- STRUCTURAL STEEL PLATES AND SHAPES SHALL CONFORM TO ASTM A36. ALL STRUCTURAL STEEL PIPES SHALL CONFORM TO ASTM A53 GRADE B. ALL STRUCTURAL STEEL COMPONENTS AND FABRICATED ASSEMBLIES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
- WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) D1.1-92 STRUCTURAL WELDING CODE - STEEL WELD ELECTRODE SHALL BE E70XX.
- ALL THREADED STRUCTURAL FASTENERS FOR ANTENNA SUPPORT ASSEMBLIES SHALL CONFORM TO ASTM A325. FASTENERS SHALL BE 5/8" MINIMUM BEARING TYPE CONNECTIONS WITH THREADS INCLUDED IN THE SHEAR PLANE. ALL EXPOSED FASTENERS, NUTS AND WASHERS SHALL BE GALVANIZED UNLESS OTHERWISE NOTED.
- ALL COAXIAL CABLE CONNECTIONS AND TRANSMITTER EQUIPMENT SHALL BE AS SPECIFIED BY THE OWNER. THE CONTRACTOR SHALL FURNISH ALL CONNECTION HARDWARE REQUIRED TO SECURE THE CABLES.
- NORTH ARROW SHOWN ON PLANS REFERS TO TRUE NORTH. CONTRACTOR SHALL VERIFY TRUE NORTH AND INFORM CONSTRUCTION MANAGER OF ANY DISCREPANCIES BEFORE STARTING CONSTRUCTION.
- NOTIFY THE PROPERTY OWNER AND PROPERTY MANAGER OF THE CONSTRUCTION START WELL IN ADVANCE OF THE CONSTRUCTION START DATE.
- COORDINATE THE CONSTRUCTION STAGING AREA WITH THE PROPERTY OWNER AND PROPERTY MANAGER WELL IN ADVANCE OF THE CONSTRUCTION START DATE.
- CONFINE OPERATION TO AREAS OF NEW CONSTRUCTION.
- DO NOT INTERRUPT ANY BUILDING SERVICES AT ANY TIME WITHOUT THE PROPERTIES OWNER AND PROPERTY MANAGER'S APPROVAL.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CONDITIONS AND PLAN DIMENSIONS, AND NOTIFY THE ARCHITECT AND ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE WORK SITE ON A DAILY BASIS.
- ALL CAST IN PLACE CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 301 & 318.
- ALL CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI. U.O.N.
- ALL REINFORCED STEEL SHALL CONFORM TO ASTM A615 GRADE 60. DEFORMED BILLET STEEL BARS.
- MINIMUM CONCRETE COVER OVER REINFORCED STEEL SHALL BE 3" UNLESS OTHERWISE NOTED.
- CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL.
- CONCRETE FOR ICE-BRIDGE SUPPORT SHALL BE 3000 PSI AIR ENTRAINED (4% - 6%) NORMAL WEIGHT CONCRETE.
- FENCED SITE AREA SHALL BE CLEANED AND GRUBBED. REMOVE UNSUITABLE SOFT OR LOOSE SOILS, ORGANIC MATERIAL AND OR RUBBLE TO FIRM SUB-GRADE AS APPROVED BY GEOTECHNICAL REPORT. PLACE A "MARLEY 500X SHEET ON SUB-GRADE AND FILL WITH 4" OF ASHTO #7 STONE TO FINISH GRADE.
- CAUTIONARY NOTE: BEFORE ANY EXCAVATING OR DIGGING IS PERFORMED THE CONTRACTOR MUST CONTACT THE LOCAL UTILITY MARK-OUT SERVICE (VA. ONE CALL) AT 1 800 552-7001.

A GENERAL & STRUCTURAL NOTES

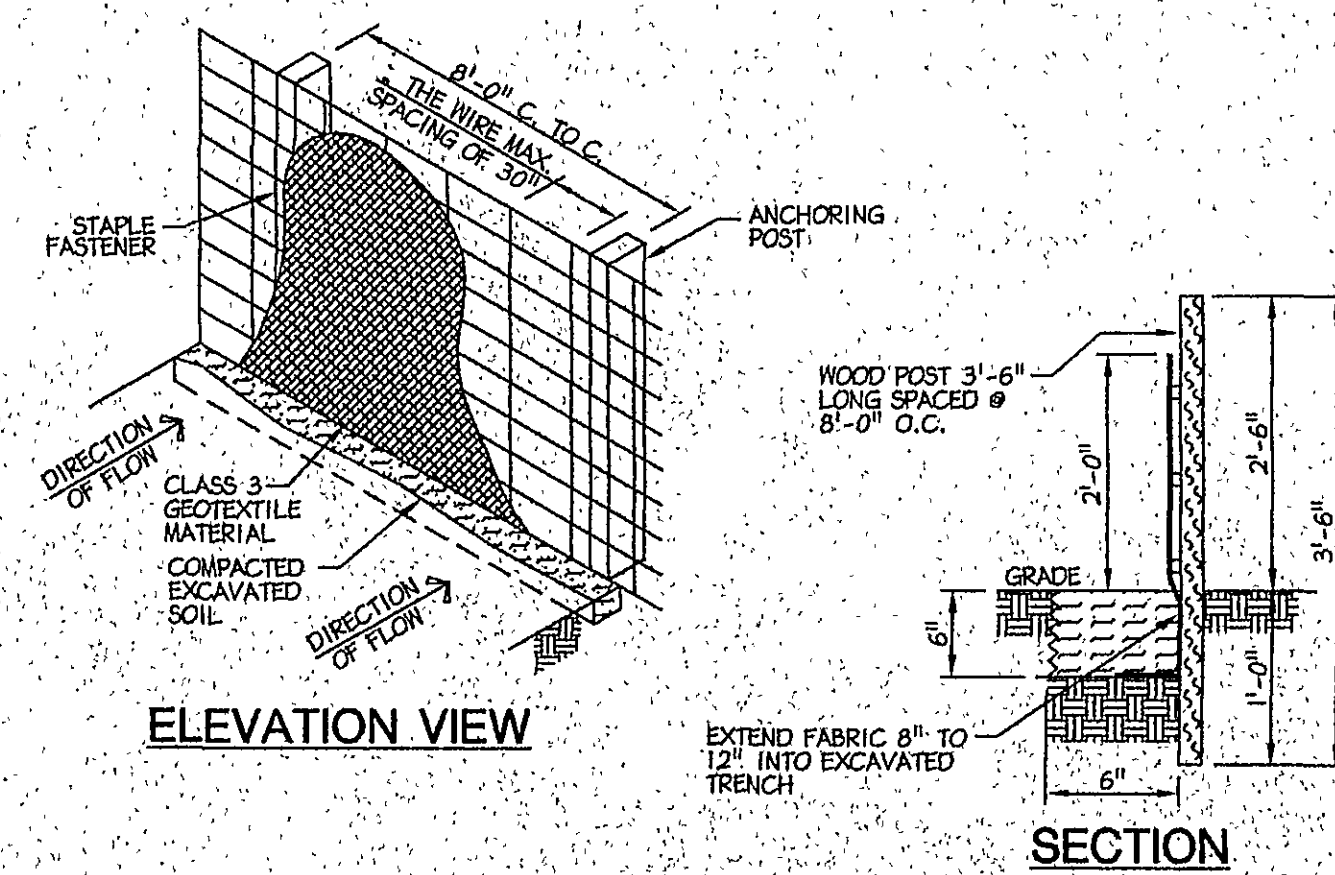
S-1 NOT TO SCALE



B ROCK FILTER DAM

S-1 NOT TO SCALE

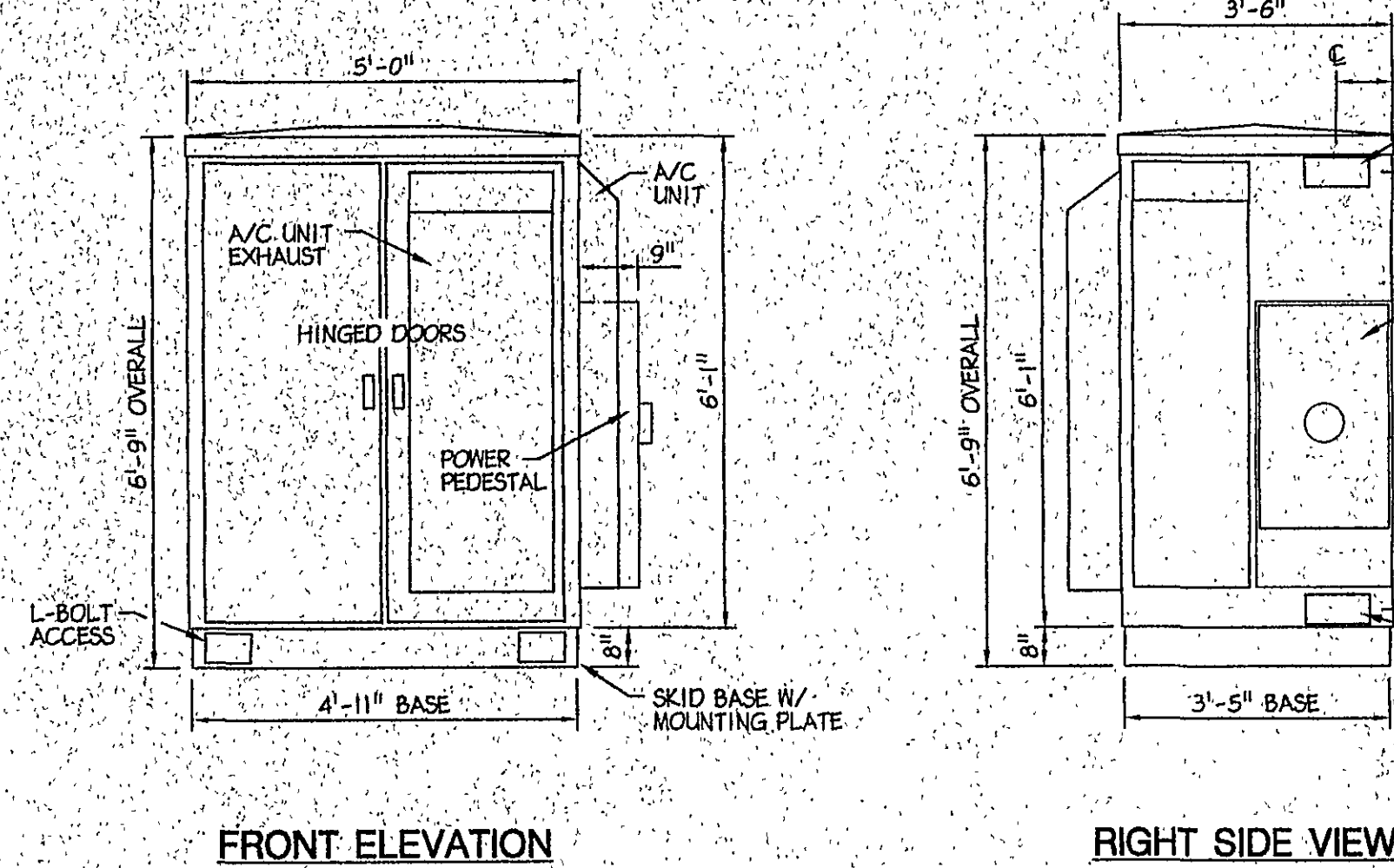
IF APPLICABLE



C SILT FENCE DETAIL

S-1 NOT TO SCALE

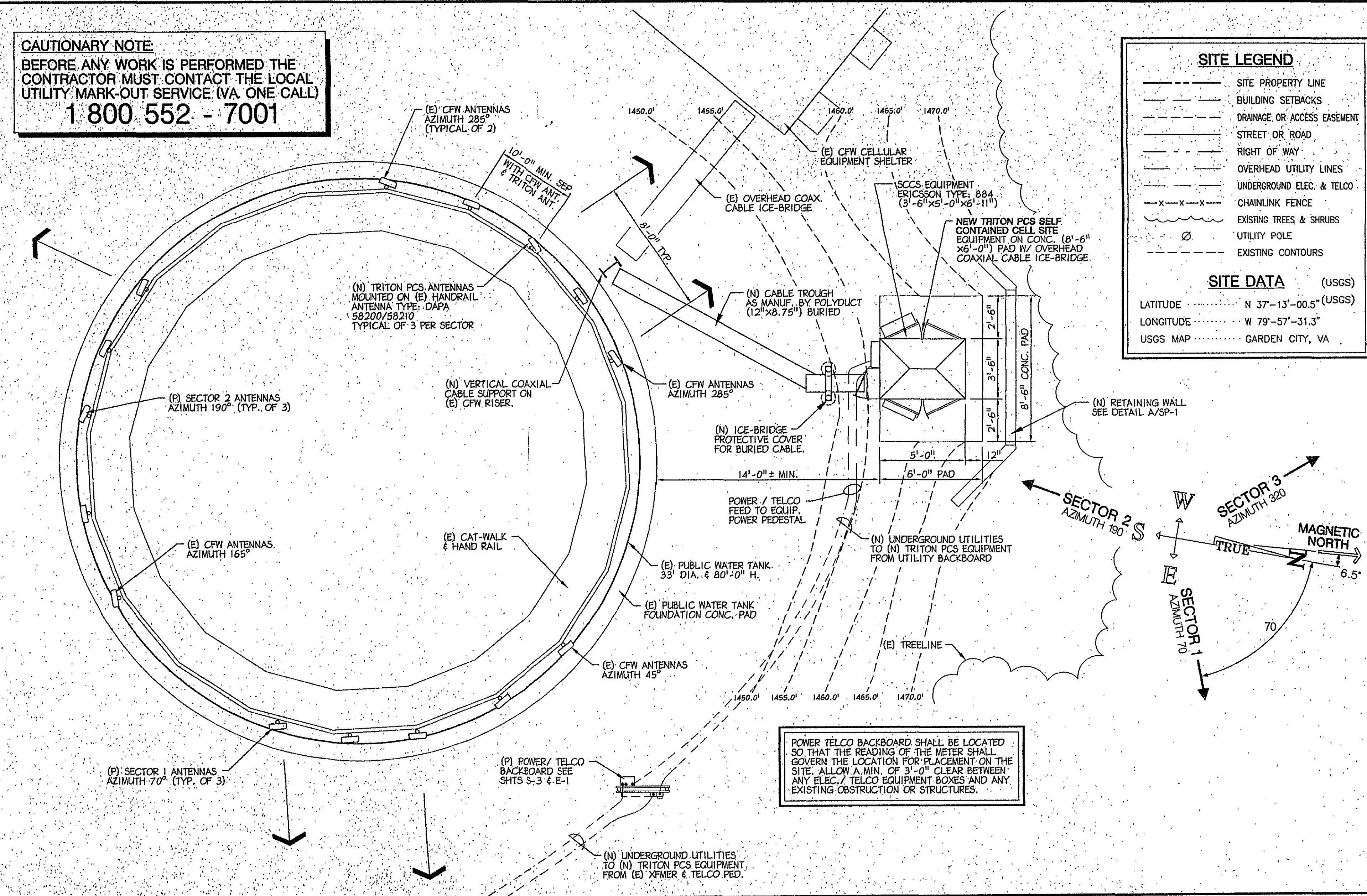
SURROUND CONSTRUCTION AREA



2 EQUIPMENT ELEVATIONS

S-1 NOT TO SCALE

CAUTIONARY NOTE:
BEFORE ANY WORK IS PERFORMED THE CONTRACTOR MUST CONTACT THE LOCAL UTILITY MARK-OUT SERVICE (VA. ONE CALL) 1 800 552 - 7001

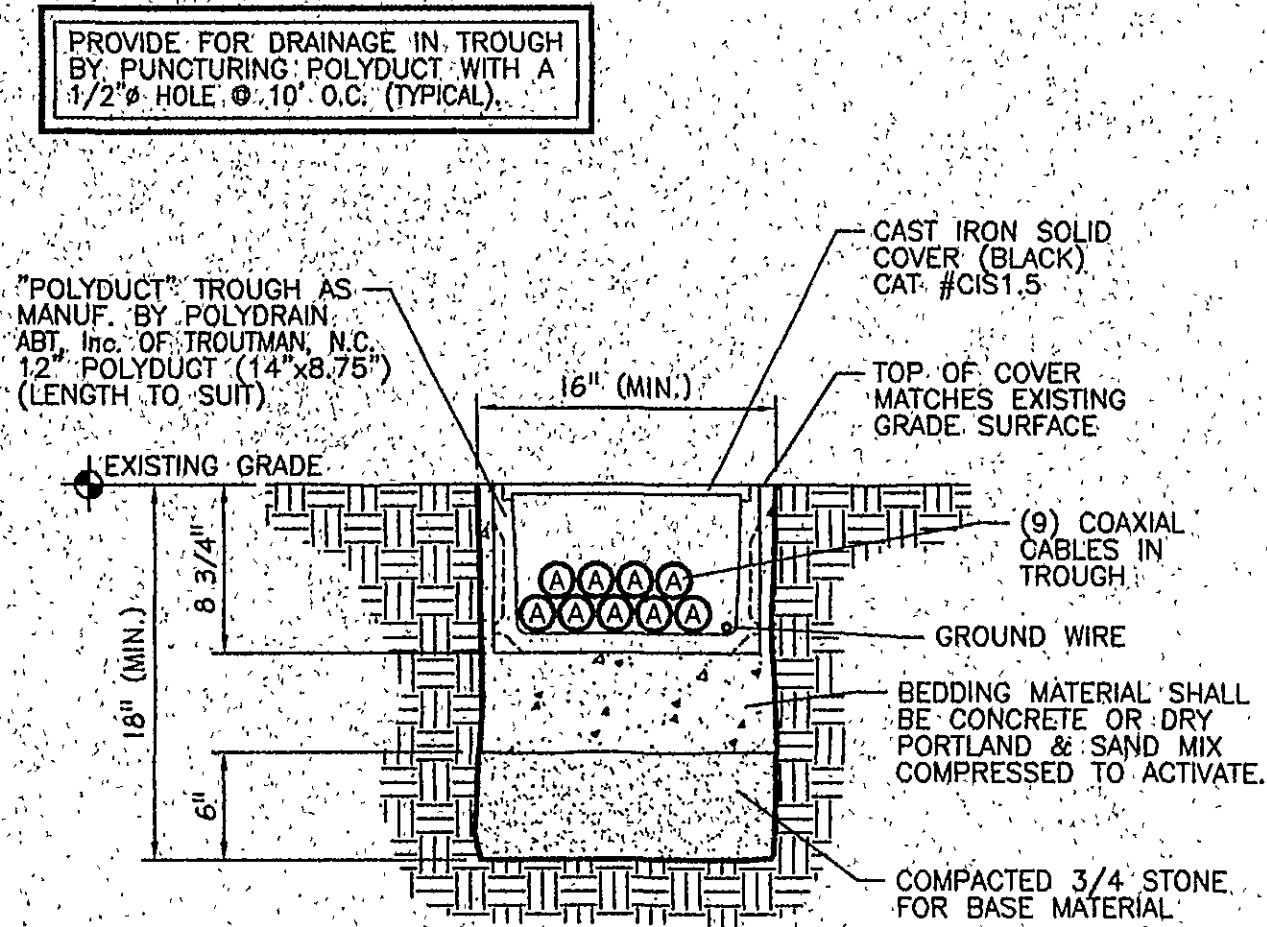


1 COMPOUND PLAN

S-1 1/8" = 1'-0"

D CABLE TROUGH

S-1 NOT TO SCALE



SITE LEGEND

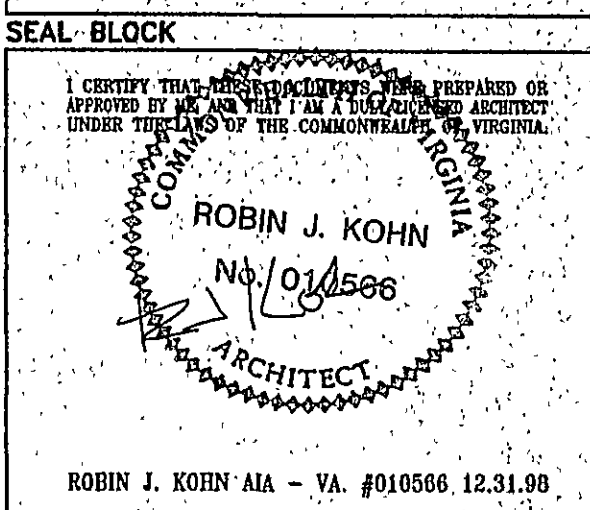
- SITE PROPERTY LINE
- BUILDING SETBACKS
- DRAINAGE OR ACCESS EASEMENT
- STREET OR ROAD
- RIGHT OF WAY
- OVERHEAD UTILITY LINES
- UNDERGROUND ELEC. & TELCO
- CHAINLINK FENCE
- EXISTING TREES & SHRUBS
- UTILITY POLE
- EXISTING CONTOURS

SITE DATA

(USGS)
LATITUDE N 37°-13'-00.5" (USGS)
LONGITUDE W 79°-57'-31.3"
USGS MAP GARDEN CITY, VA

Betzwood Associates PC
Architects & Engineers

Rob J. Kohn, AIA Reg. W. Kohn, PE
301 Gay Street
Phoenixville, PA 19460
Tel. (610) 917-8831 Fax 917-8836



TRITON PCS
Incorporated

9211 Aboretum Parkway, Suite 200
Richmond, Virginia 23236-3469
Tel. (804) 323-9500 FAX (804) 323-1500

APPROVALS

Triton PCS	_____
LANDLORD	_____
LEASING	_____
R.F.	_____
ZONING	_____
CONSTRUCTION	_____
PROJECT NO.	TR-005
DRAWN BY	EMH
CHECK BY	RJK

SUBMITTALS

NO.	DATE	ISSUE
0	06-05-97	TTV DATE
1	06-25-97	ISSUED FOR REVIEW (ZONING)
2	07-17-98	ISSUED FOR REVIEW (CONST.)
3	07-24-98	ISSUED FOR CONSTRUCTION
4	08-04-98	REISSUED FOR CONSTRUCTION
5	09-18-98	REVISED ANTENNA HEIGHT
6	10-08-98	FINAL CONSTRUCTION REVISIONS
7	10-23-98	OWNER REVISIONS
8	12-10-98	REVISED CHANGES
9	3-16-99	AS BUILT DESCRIPTION

GRAPHIC SCALE



PROJECT

**HIGHWAY 220
RO-1-429-A**
ROANOKE CITY PUBLIC WORKS
1423 SUMMIT LANE
ROANOKE, VA 24011
AS - BUILT COPY

SHEET TITLE

**SITE COMPOUND PLAN,
DETAILS AND GENERAL
NOTES**

SHEET NUMBER

S-1