

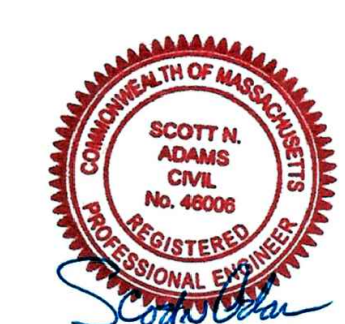


# TowerNorth

750 WEST CENTER STREET, SUITE 301  
WEST BRIDGEWATER, MA 02379

## MA1005-B

1185 LONG POND ROAD  
BREWSTER, MA 02631  
BARNSTABLE COUNTY



AEG PROJECT #: 2019-0027

DRAWN BY: JWH/MER

CHECKED BY: SNA

### SUBMITTALS

REV#	DATE	DESCRIPTION
0	10/21/22	ISSUED FOR REVIEW
1	10/26/22	ISSUED FOR CONSTRUCTION
2	11/28/22	REVISED
3	12/14/22	REVISED
4	01/17/23	REVISED
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9	05/29/24	REVISED
10	10/15/24	REVISED
11	12/02/24	REVISED

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MA1005-B  
1185 LONG POND ROAD  
BREWSTER, MA 02631  
BARNSTABLE COUNTY

SHEET TITLE  
TITLE SHEET

SHEET NUMBER  
T-1

**GENERAL NOTES**

- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES REGARDING THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- THE ARCHITECT/ENGINEER HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BEINGS THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
- THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE LESSEE/LICENSEE REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
- THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BID OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS / CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S / VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS, ESTABLISHING AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS AS SHOWN HEREIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBS, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PROGRESS SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMOUGES OF ANY NATURE.
- THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.
- THE CONTRACTOR SHALL NOTIFY THE LESSEE/LICENSEE REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED BY THE LESSEE/LICENSEE REPRESENTATIVE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233 CALL BEFORE YOU DIG (CT): 1-800-922-4455
- ALL DIMENSIONS SHOWN THEREIN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WHICH EFFECT THE CONTRACTOR'S WORK. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH PROJECT OWNER PRIOR TO CONSTRUCTION.
- NORTH ARROW SHOWN ON PLANS REFERS TO APPROXIMATE TRUE NORTH. PRIOR TO THE START OF CONSTRUCTION, GRADING OR FABRICATING OF ANTENNA MOUNTS, CONTRACTOR SHALL CONSULT WITH PROJECT OWNER'S RF ENGINEER AND FIELD VERIFY ALL ANTENNA SECTOR LOCATIONS AND ANTENNA AZIMUTHS.
- THE CONTRACTOR AND OR HIS SUB CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.
- ANTENNA INSTALLATION SHALL BE CONDUCTED BY FIELD CREWS EXPERIENCED IN THE ASSEMBLY AND ERECTION OF RADIO ANTENNAS, TRANSMISSION LINES AND SUPPORT STRUCTURES.
- COAXIAL CABLE CONNECTORS AND TRANSMITTER EQUIPMENT SHALL BE PROVIDED BY THE PROJECT OWNER AND IS NOT INCLUDED IN THESE CONSTRUCTION DOCUMENTS. A SCHEDULE OF PROJECT OWNER SUPPLIED MATERIALS IS ATTACHED TO THE BID DOCUMENTS (SEE EXHIBIT 3). ALL OTHER HARDWARE TO BE PROVIDED BY THE CONTRACTOR. CONNECTION HARDWARE SHALL BE STAINLESS STEEL.
- WHEN "PANT TO MATCH" IS SPECIFIED FOR ANTENNA CONCEALMENT, PAINT PRODUCT FOR ANTENNA RADOME SHALL BE SHERWIN WILLIAMS CORINTHIAN II. SURFACE PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND PROJECT OWNER'S GUIDELINES.
- COORDINATION, LAYOUT, AND FURNISHING OF CONDUIT, CABLE AND ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.
- ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK. SUBJECT TO THE APPROVAL OF UTILITY COMPANY ENGINEERING, THE AREAS OF THE PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE EQUIPMENT, DRIVEWAY OR LEASE AREA SHALL BE RESTORED TO ORIGINAL CONDITION.
- GRAVEL SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED AND COVERED WITH MULCH UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN SOIL EROSION AND SEDIMENTATION CONTROLS AT ALL TIMES.
- DURING CONSTRUCTION PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS.
- FOR WIRELESS COMMUNICATIONS SYSTEMS, PROJECT OWNER'S IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE SITE RADIO CABINETS. PROJECT OWNER RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.
- SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:  
AMERICAN CONCRETE INSTITUTE (ACI) 318; BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE;  
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION;  
TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H; STRUCTURAL STANDARDS FOR STEEL.  
FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.  
APPLICABLE BUILDING CODES:  
SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AVJ) FOR THE LOCATION. THE EDITION OF THE AVJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.  
BUILDING CODE:  
MASSACHUSETTS STATE BUILDING CODE 780 CMR, 9TH EDITION  
ELECTRICAL CODE: MASSACHUSETTS 527 CMR 12.00 (NEC 2009) NFPA 70B, 2017



VICINITY MAP  
SCALE: NTS  
NORTH

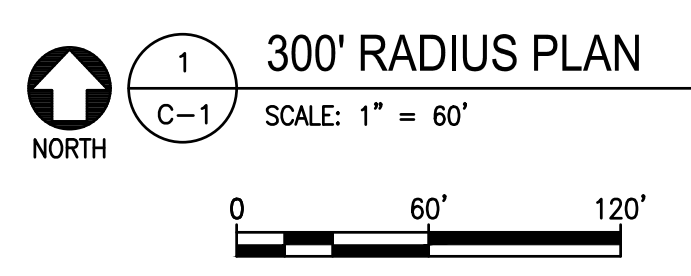
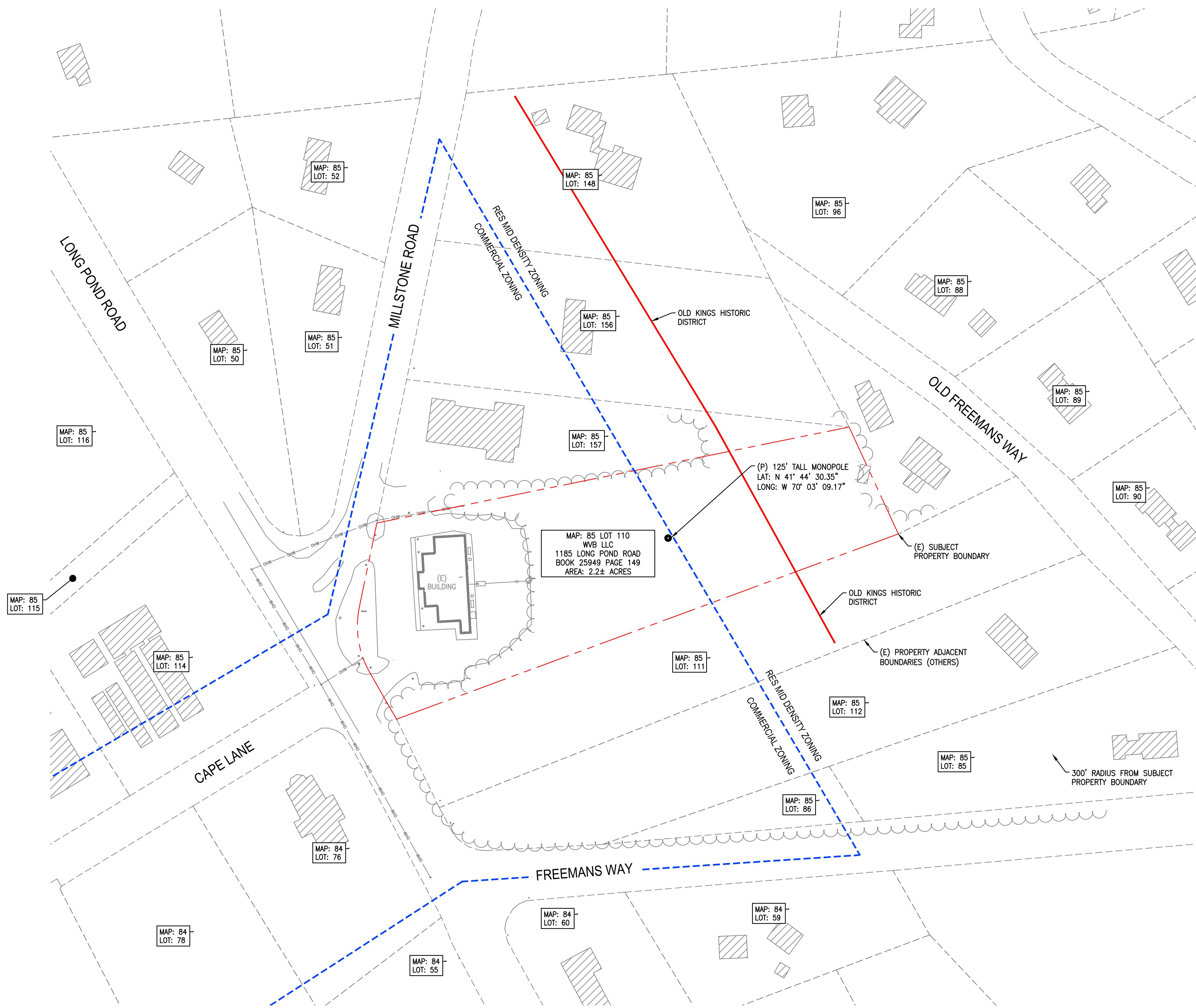
**SHEET INDEX**

SHT. NO.	DESCRIPTION	REV. NO.
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**PROJECT SUMMARY**

SITE NUMBER:	MA1005-B
SITE NAME:	BREWSTER B
SITE ADDRESS:	1185 LONG POND ROAD BREWSTER, MA 02631
ASSESSOR'S PARCEL NO.:	MAP: 85 LOT: 110
CONSTRUCTION TYPE:	NSB
PROPERTY OWNER:	WVB LLC 38 LINCOLN AVE BUZZARDS BAY, MA 02532
APPLICANT, LESSEE/LICENSEE, PROJECT OWNER:	TOWNORTH DEVELOPMENT LLC 750 W CENTER STREET, FLOOR 3, WEST BRIDGEWATER, MA 02379
TOWER TYPE:	MONOPOLE
TOWER HEIGHT:	125 FEET

**DO NOT SCALE DRAWINGS**  
CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE PROJECT OWNER'S REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



**GENERAL NOTES:**

1. FIELD SURVEY DATE: JULY 14, 2022
2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)
3. HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
4. CENTER OF PROPOSED TOWER: LAT: 41° 44' 30.35" N  
LONG: 70° 03' 09.17" W  
GRADE ELEV: 111'± A.M.S.L.
5. PROPERTY OWNER: WVB LLC  
38 LINCOLN AVE  
BUZZARDS BAY, MA 02532
6. SITE NUMBER: MA1005-B
7. SITE ADDRESS: 1185 LONG POND ROAD  
BREWSTER, MA 02631
8. APPLICANT, LESSEE/LICENSEE & PROJECT OWNER: TOWNORTH DEVELOPMENT LLC  
750 W CENTER STREET,  
FLOOR 3, WEST  
BRIDGEWATER, MA 02379
9. JURISDICTION: TOWN OF BREWSTER
10. TAX ID: MAP: 85 LOT: 110
11. DEED REFERENCE: BOOK: 25949 PAGE: 149
12. PLAN REFERENCES: TOWN OF BREWSTER ASSESSORS MAPS &  
PLAN REFERENCES AS INDICATED BELOW
13. ZONING JURISDICTION: TOWN OF BREWSTER  
RES MID DENSITY
14. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233  
CALL BEFORE YOU DIG (CT): 1-800-922-4455
15. PROPERTY LINE INFORMATION IS COMPILED FROM ASSESSORS PLANS, DEEDS, AND PLANS OF RECORD AND IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY, AND IS SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. A FULL BOUNDARY SURVEY WAS NOT PERFORMED.
16. REFERENCE TITLE REPORT ENTITLED: "MEMORANDUM OF OPTION AND LAND LEASE" BY WENDY CARRICK OF SBA NETWORK SERVICES, LLC DATED 06/28/16.
17. THE PURPOSE OF THIS SURVEY IS TO SUPPORT THE DESIGN AND CONSTRUCTION OF A TELECOMMUNICATION FACILITY. USE OF THIS SURVEY BY ANYONE OTHER THAN CENTERLINE, AND USE OF THIS SURVEY FOR ANY PURPOSE NOT RELATED TO THE DESIGN OF THE INTENDED FACILITY IS STRICTLY PROHIBITED.
18. BEARING SYSTEM OF THIS PLAN IS BASED ON TRUE NORTH. TRUE NORTH WAS ESTABLISHED FROM GPS READINGS ON 07/14/22.
19. SITE IS OUTSIDE THE 1% CHANCE ANNUAL FLOOD ZONE BASED ON FLOOD INSURANCE RATE MAP - TOWN OF BREWSTER MA - BARNSTABLE COUNTY - COMMUNITY NUMBER: 25001C0606J, MAP REVISED: JULY 16, 2014.
20. WETLANDS WERE NOT OBSERVED WITHIN 100' OF THE LIMIT OF WORK.
21. IN THE EVENT THAT BENCHMARKS (TBM'S), ESTABLISHED FOR THIS PROJECT AND PUBLISHED ON THIS SURVEY, ARE DESTROYED, NOT RECOVERABLE OR A DISCREPANCY IS FOUND, THE USER SHOULD NOTIFY THIS FIRM IN WRITING PRIOR TO COMMENCING OR CONTINUING ANY WORK.
22. THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

**LEGEND**

- PROPERTY LINE
- ABUTTING PROPERTY LINE
- EXISTING CONTOUR
- ELECTRIC LINE
- TELCO LINE
- EXIST. TREE LINE
- PROP. TREE LINE
- OVERHEAD UTILITY
- FENCE
- PROP. EASEMENT/ LEASE AREA
- CATCH BASIN
- IRON ROD
- UTILITY POLE
- LIGHT POLE
- SEWER MAN HOLE
- MAN HOLE



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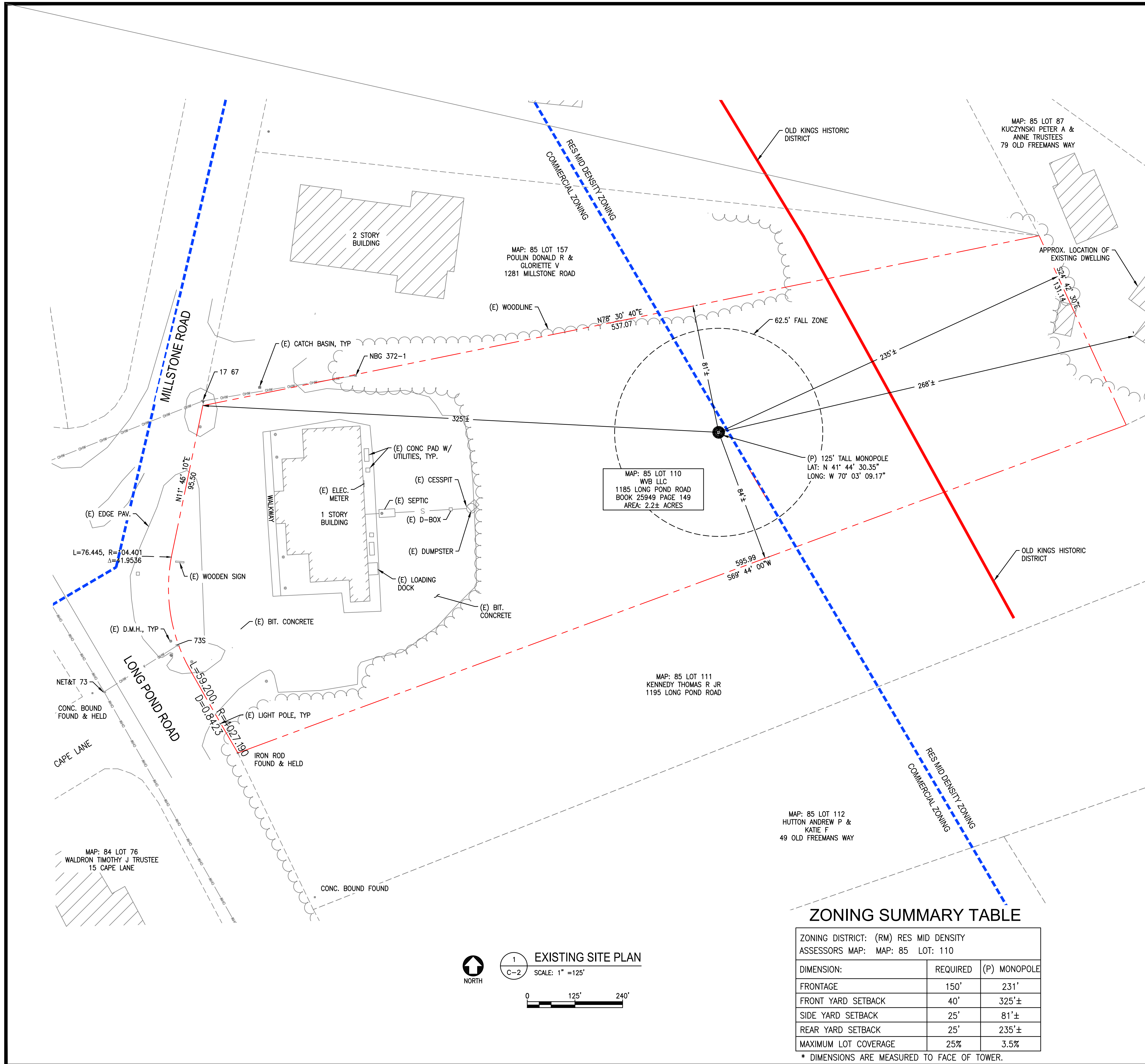
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**MA1005-B**  
1185 LONG POND ROAD  
BREWSTER, MA 02631  
BARNSTABLE COUNTY

SHEET TITLE  
**EXISTING CONDITION & 300' RADIUS PLOT PLAN**

SHEET NUMBER  
**C-1**



AEG PROJECT #: 2019-0027

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**LEGEND**

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	MAN HOLE

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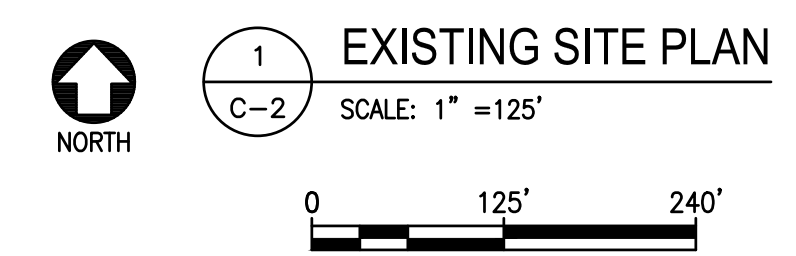
SHEET TITLE  
EXISTING CONDITION & 300'  
RADIUS PLOT PLAN

SHEET NUMBER  
**C-2**

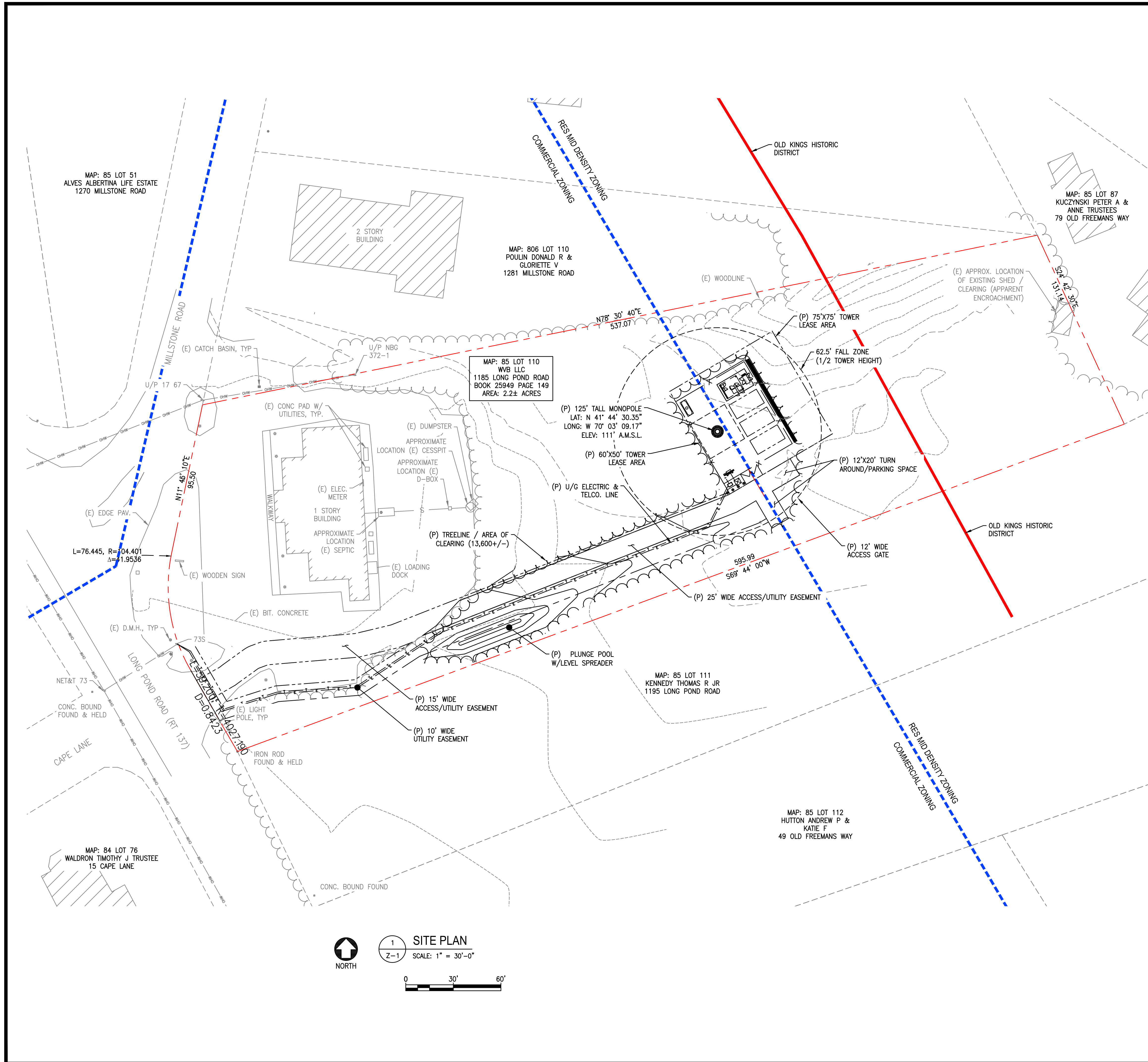
**ZONING SUMMARY TABLE**

ZONING DISTRICT: (RM) RES MID DENSITY		
ASSESSORS MAP: MAP: 85 LOT: 110		
DIMENSION:	REQUIRED	(P) MONOPOLE
FRONTAGE	150'	231'
FRONT YARD SETBACK	40'	325'±
SIDE YARD SETBACK	25'	81'±
REAR YARD SETBACK	25'	235'±
MAXIMUM LOT COVERAGE	25%	3.5%

\* DIMENSIONS ARE MEASURED TO FACE OF TOWER.



**EXISTING SITE PLAN**  
SCALE: 1" = 125'



**GENERAL NOTES:**

- THE TYPE, DIMENSIONS, MOUNTING HARDWARE, AND POSITIONS OF ALL PROJECT OWNER'S EQUIPMENT ARE SHOWN IN ILLUSTRATIVE FASHION. THESE DRAWINGS ARE NOT INTENDED FOR CONSTRUCTION. ACTUAL HARDWARE DETAILS AND FINAL LOCATIONS MAY DIFFER SLIGHTLY FROM WHAT IS SHOWN.
- THE PROJECT OWNER'S PCS FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
- THE PROJECT OWNER'S BASE TRANSMISSION STATION (BTS) CABINET IS A VANDAL RESISTANT STEEL CABINET CONTAINING RECTIFIERS, AMPLIFIERS, RADIOS, AND OTHER INTEGRATED ELECTRONIC CONTROL EQUIPMENT. BATTERY BACKUP FOR EMERGENCY STANDBY POWER IS CONTAINED WITHIN A SEPARATE BATTERY RACK CONTAINING 12-VOLT, CLOSED-CELL DC BATTERIES. THE BATTERIES ARE LEAD-ACID RECHARGEABLE STANDBY INDUSTRIAL POWER CELLS MANUFACTURED TO MEET ENVIRONMENTAL QUALITY AND RUGGEDNESS STANDARDS OF THE INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA). THE BATTERY CHARGING SYSTEM IS COMPUTER-CONTROLLED AND THE EQUIPMENT CABINET IS REMOTELY MONITORED AT PROJECT OWNER'S NETWORK OPERATIONS CONTROL CENTER 24-HOURS A DAY, 7 DAYS A WEEK FOR FAULTS AND ALARMS.
- THE DESIGN OF THE ANTENNA MOUNTING HARDWARE AND STRUCTURAL REINFORCEMENT OF EXISTING BUILDING ROOF/FLOOR (IF NECESSARY) TO SUPPORT THE BTS EQUIPMENT CABINETS WILL MEET THE ANSI/EIA/TIA-222-G STANDARDS FOR STRUCTURAL STEEL ANTENNA SUPPORTING STRUCTURES AND STATE BUILDING CODE REQUIREMENTS. DETAILED CONSTRUCTION DRAWINGS AND STRUCTURAL CALCULATIONS WILL BE PREPARED BY A REGISTERED PROFESSIONAL ENGINEER AND SUBMITTED WITH A BUILDING PERMIT APPLICATION FOR REVIEW AND APPROVAL BY THE LOCAL BUILDING CODE ENFORCEMENT OFFICIAL.
- ONCE THE FACILITY BECOMES FULLY OPERATIONAL, NORMAL AND ROUTINE MAINTENANCE BY PROJECT OWNER'S TECHNICIANS WILL BE PERFORMED ON A MONTHLY BASIS. THEREFORE, THE ESTIMATED VEHICLE TRIP GENERATION RATE IS 2 TRIPS PER MONTH. THE AVERAGE DAILY TRIP GENERATION RATE (ADT) IS 0.07.
- PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS FOR WIRELESS COMMUNICATIONS SYSTEMS. PROJECT OWNER'S IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.

**LEGEND**

- PROPERTY LINE
- ABUTTING PROPERTY LINE
- EXISTING CONTOUR
- ELECTRIC LINE
- TELCO LINE
- EXIST. TREE LINE
- PROP. TREE LINE
- OVERHEAD UTILITY
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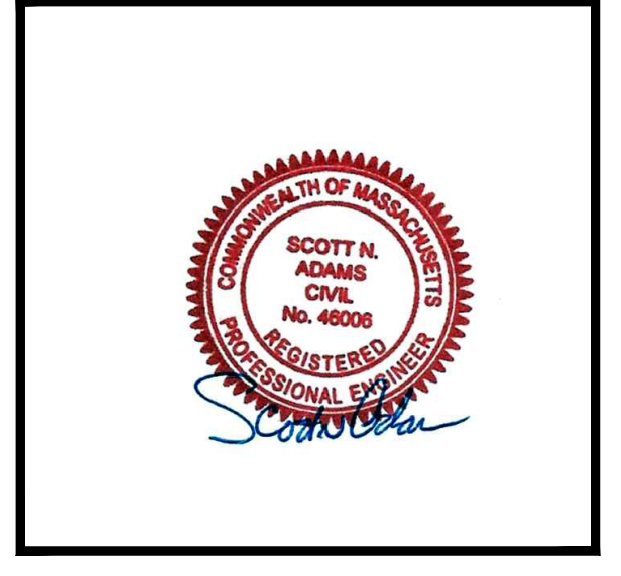
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SITE PLAN

SHEET NUMBER

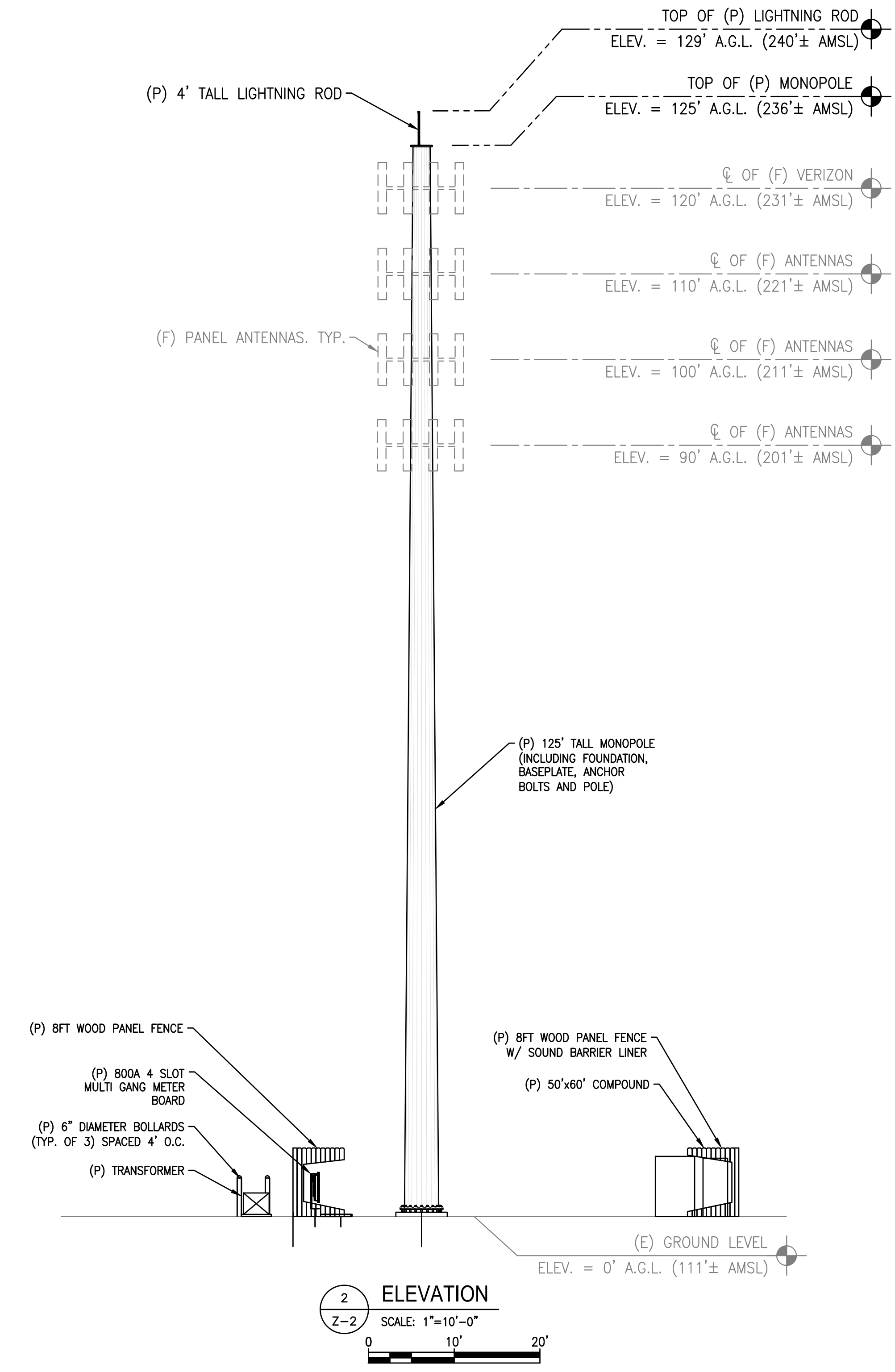
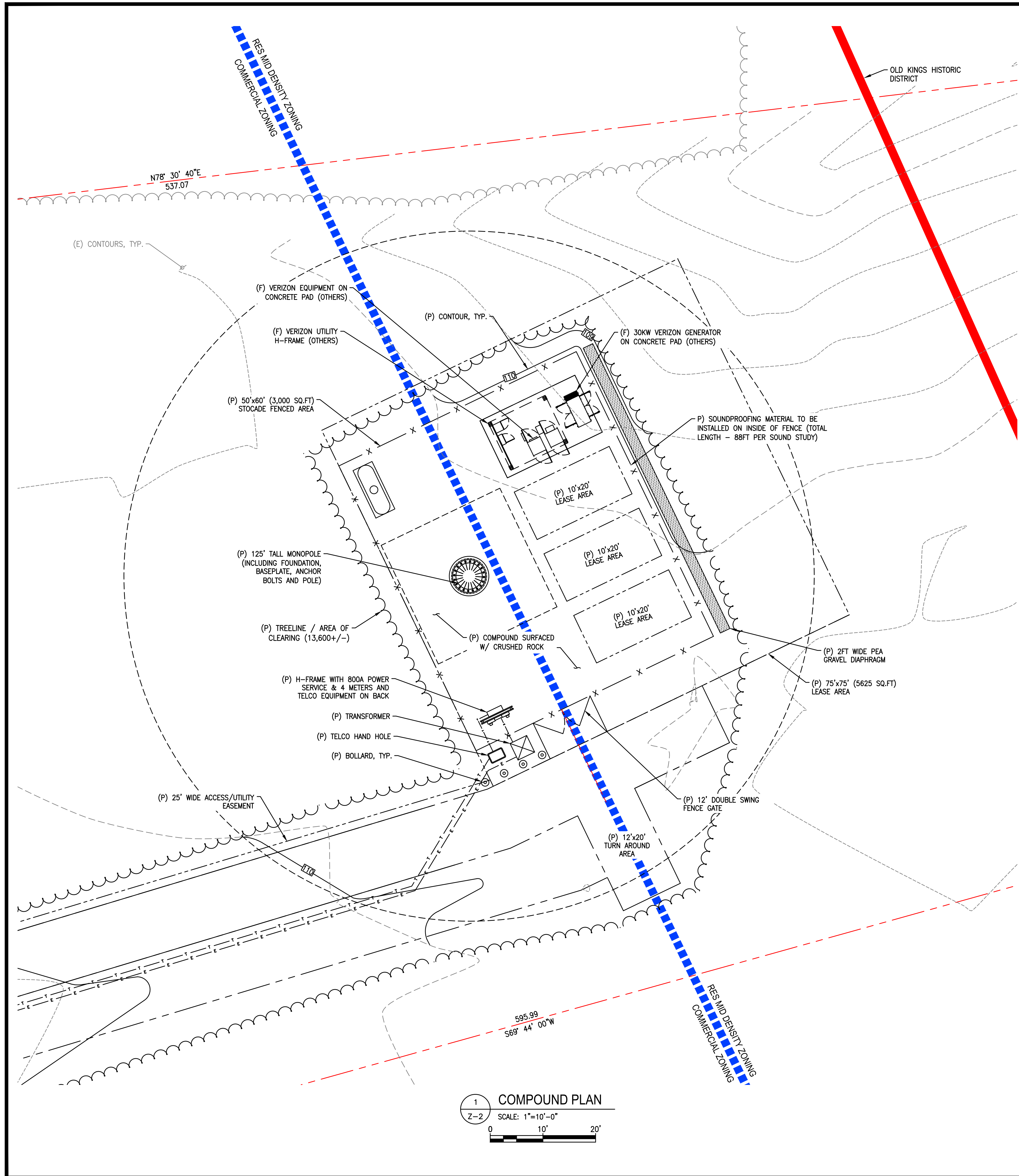
**Z-1**



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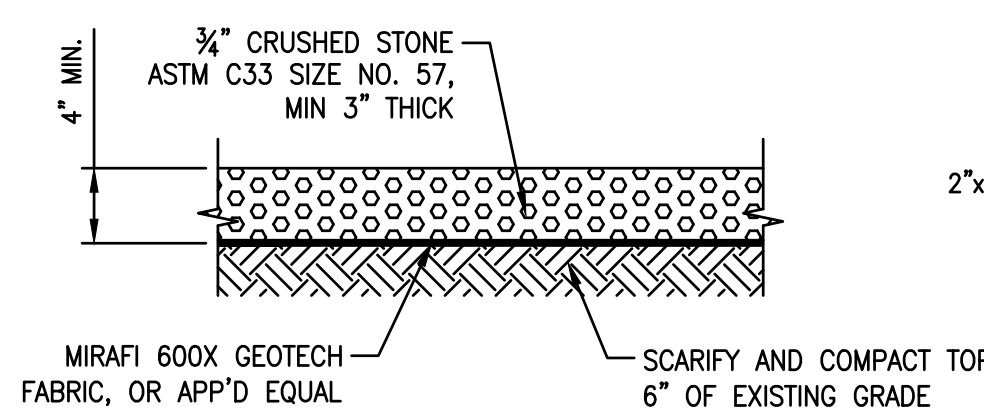
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**MA1005-B**

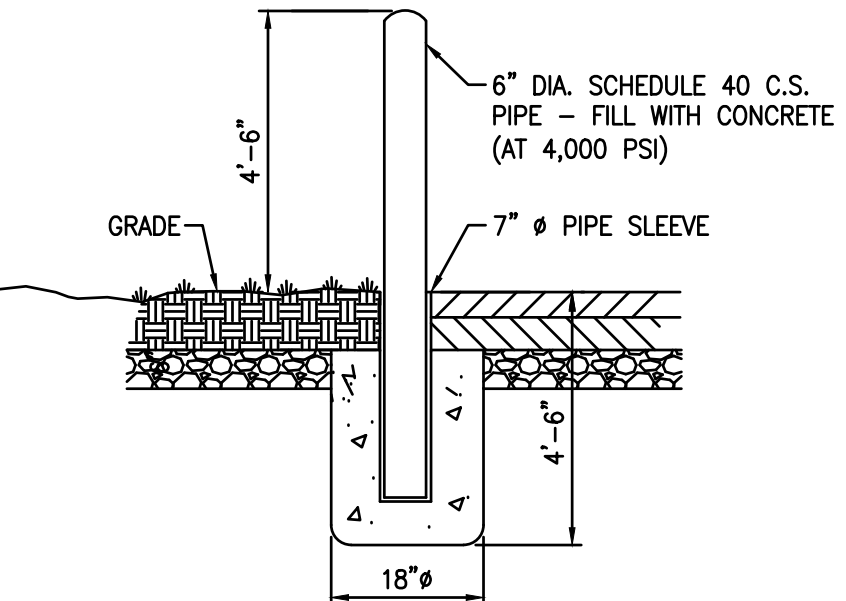
1185 LONG POND ROAD  
BREWSTER, MA 02631  
BARNSTABLE COUNTY

SHEET TITLE  
COMPOUND PLAN & ELEVATION

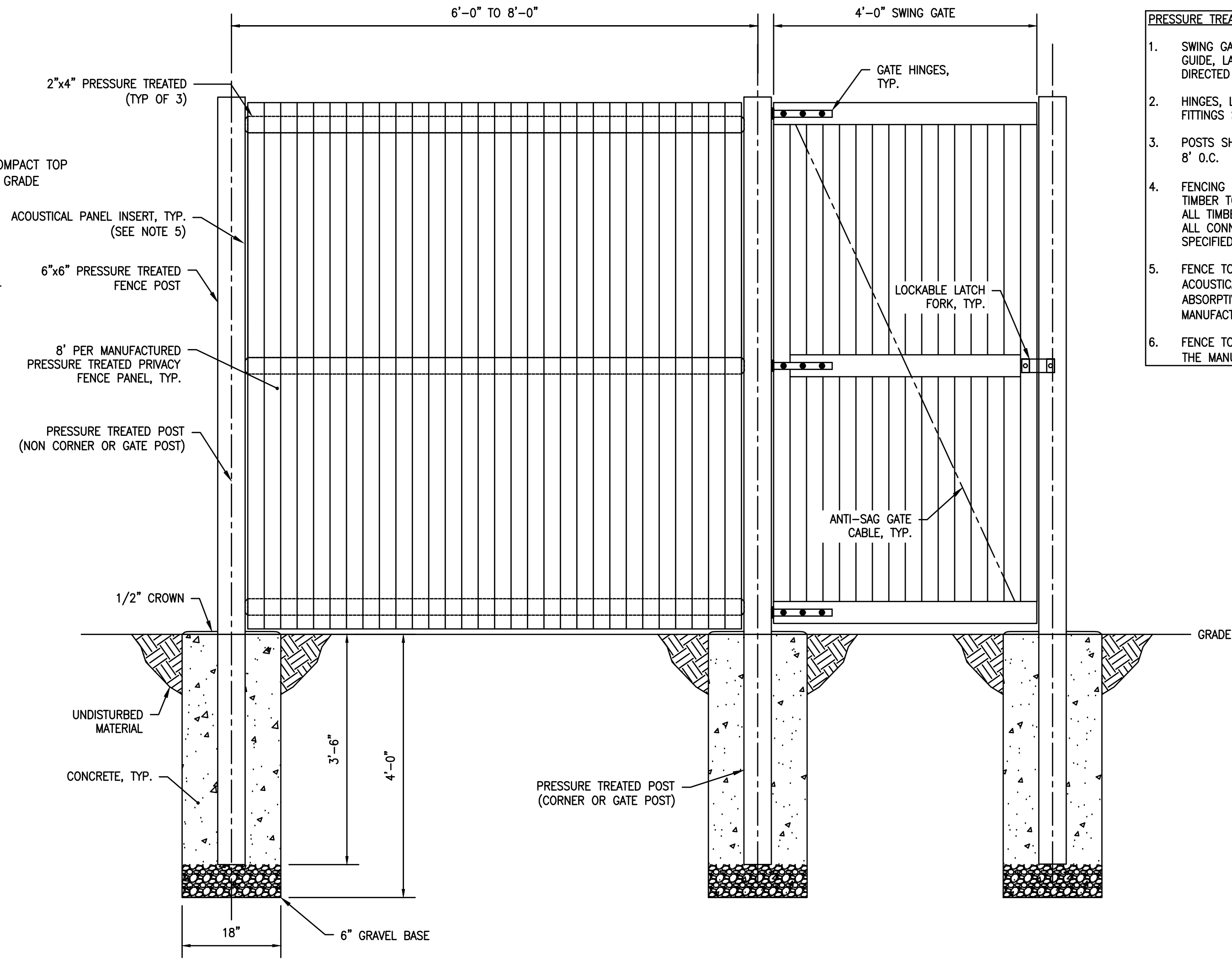
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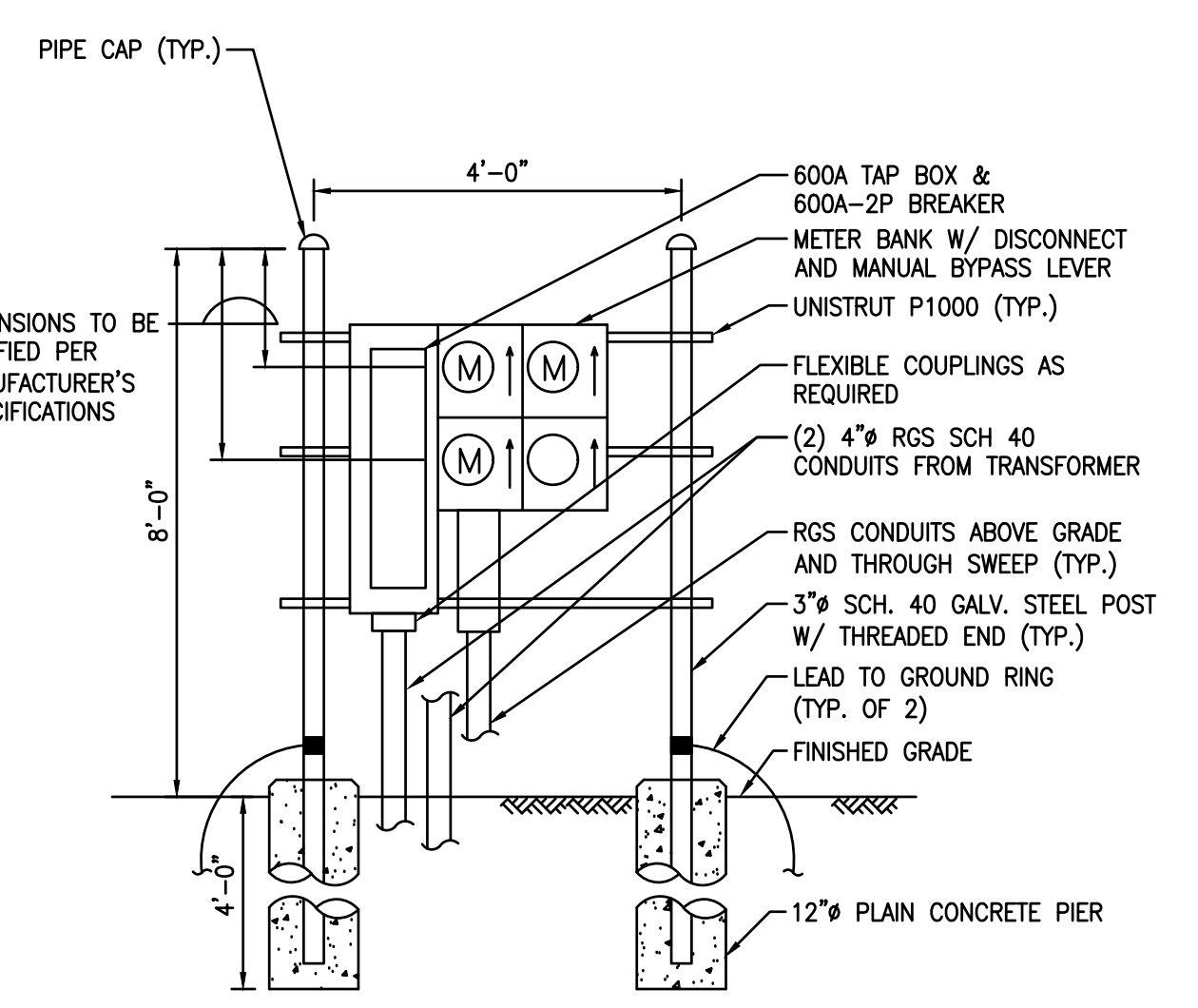
1 GRAVEL COMPOUND DETAIL  
Z-3 SCALE: N.T.S.



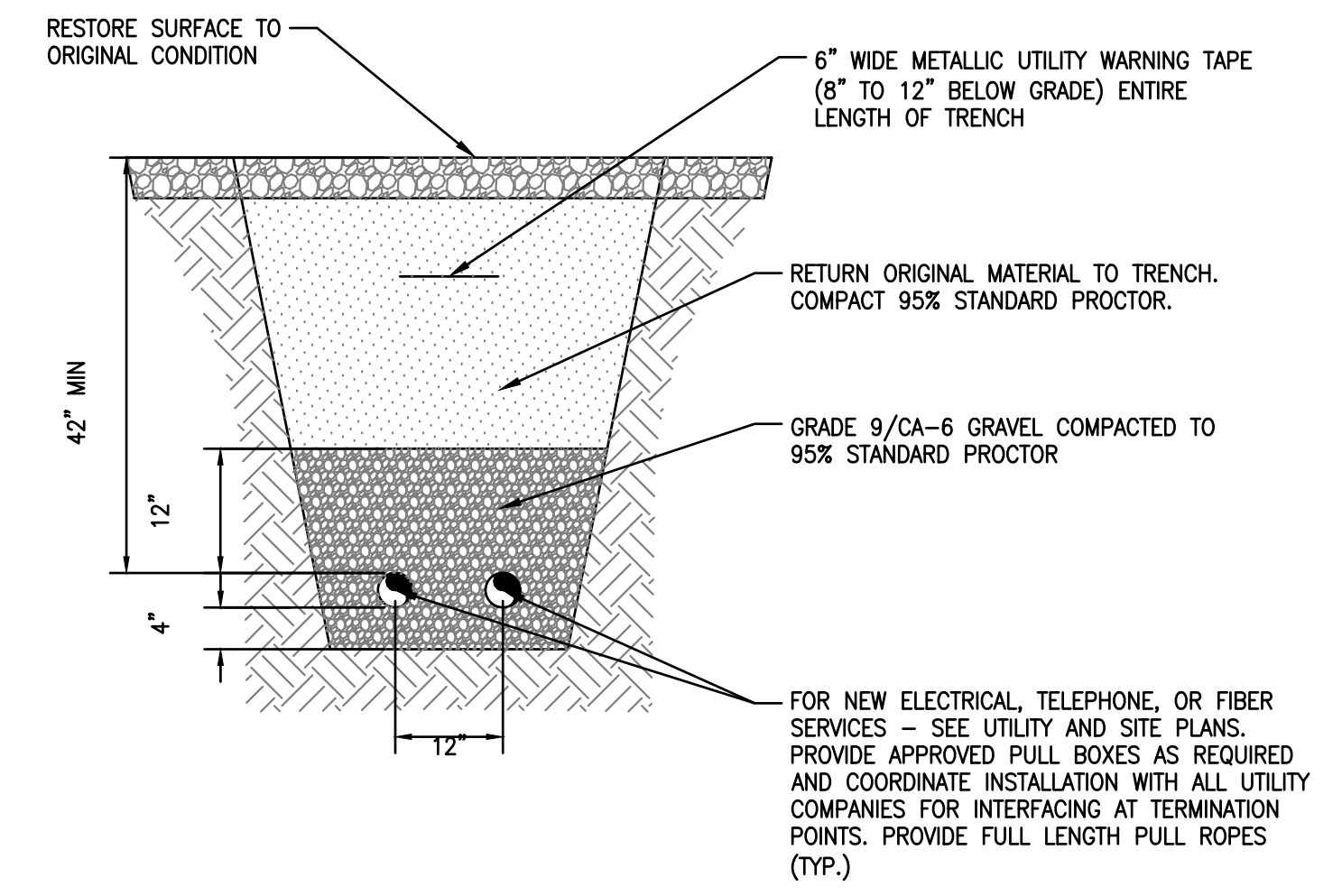
2 BOLLARD DETAIL  
Z-3 SCALE: N.T.S.



3 8FT TALL 'DOG EAR' ACOUSTIC FENCE ASSEMBLY  
Z-3 SCALE: 1" = 8'-0"



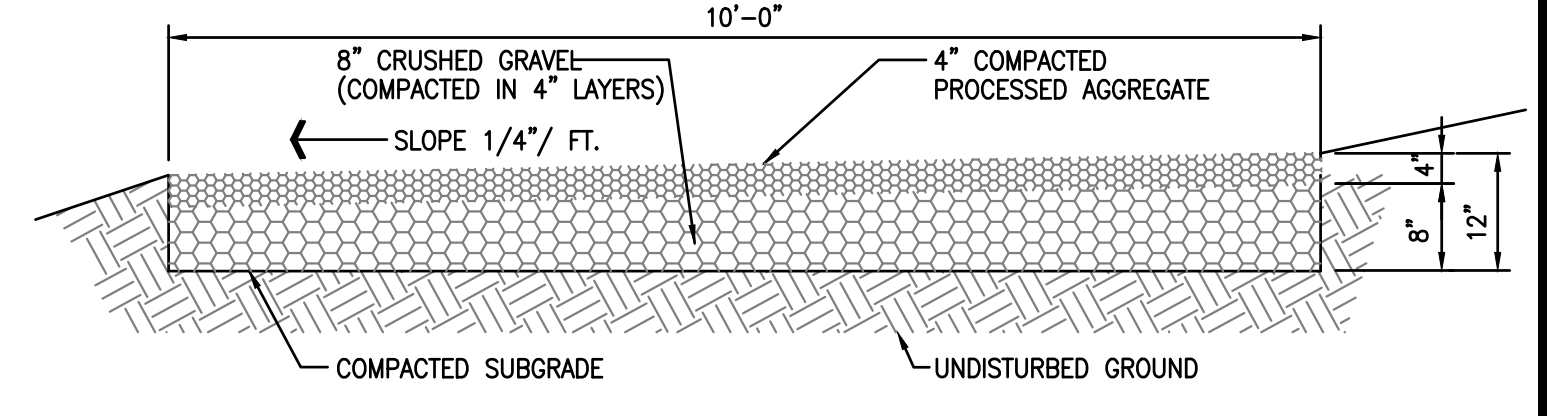
5 METER BOARD DETAIL  
Z-3 SCALE: N.T.S.



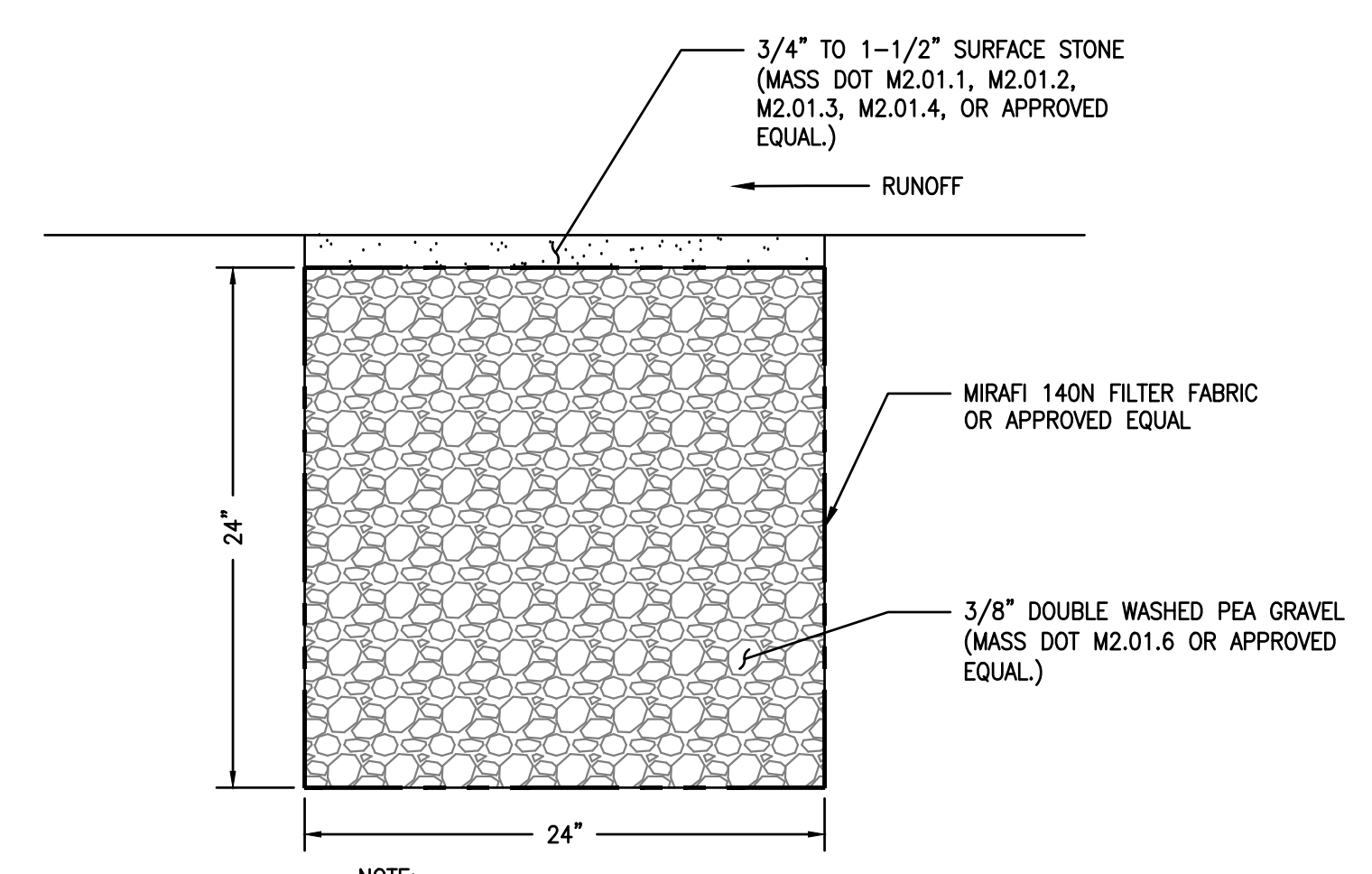
7 TRENCH DETAIL AT ACCESS CROSSING  
Z-3 SCALE: N.T.S.

- PRESSURE TREATED STOCKADE FENCE NOTES:**
1. SWING GATE SHALL BE PROVIDED WITH A LOCK KEEPER, LOCK KEEPER GUIDE, LATCH FORK, FORK CATCHES, GATE STOP LOCATED AS DIRECTED BY THE ENGINEER.
  2. HINGES, LOCK KEEPER, LATCH FORKS, AND OTHER NECESSARY FENCE FITTINGS SHALL BE OF GALVANIZED STEEL.
  3. POSTS SHALL BE SPACED EQUAL DISTANCE BUT NOT MORE THAN 8' O.C.
  4. FENCING MATERIAL SHALL BE TREATED PINE, GRADE "A" TIMBER TO BE HEM-FIR OR BETTER, Fb=950 PSI ALL CONNECTIONS AS PER ACCEPTED TIMBER PRACTICES OR AS SPECIFIED PER THE AMERICAN TIMBER CONSTRUCTION MANUAL.
  5. FENCE TO BE FULL ABSORPTIVE SOUND FENCE AS MANUFACTURED BY ACOUSTICAL SOLUTIONS - (1-INCH) "PRIVACYSHIELD OUTDOOR ABSORPTIVE SOUNDPROOFING BLANKET". MANUFACTURER'S CONTACT INFORMATION: 1-800-782-5742
  6. FENCE TO BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS

CRUSHED GRAVEL		PROCESSED AGGREGATE	
SIEVE	% PASSING BY WEIGHT	SIEVE	% PASSING BY WEIGHT
5"	100	2 1/4"	100
3 1/2"	90-100	2"	95-100
1 1/2"	55-95	3/4"	50-75
1/4"	25-60	1/4"	25-45
#10	15-45	#40	5-20
#40	5-25	#100	2-12
#100	0-10		
#200	0-5		

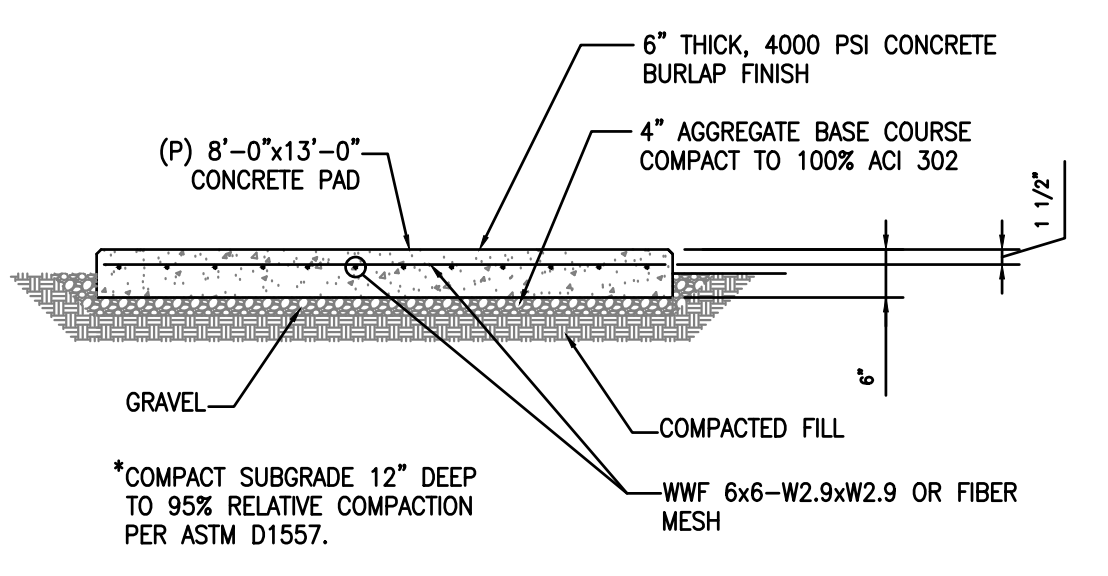


4 GRAVEL ROAD DETAILS  
Z-3 SCALE: N.T.S.



NOTE:  
PEA GRAVEL DIAPHRAGM SHALL BE INSTALLED  
AROUND DOWNHILL SIDE OF FENCED COMPOUND.

9 PEA GRAVEL DIAPHRAGM DETAIL  
Z-3 SCALE: N.T.S.



8 CONCRETE PAD DETAIL  
Z-3 SCALE: N.T.S.

**LEGEND**

(F) = FUTURE  
(E) = EXISTING  
PROP. = PROPOSED  
(AGL) = ABOVE  
GROUND LEVEL



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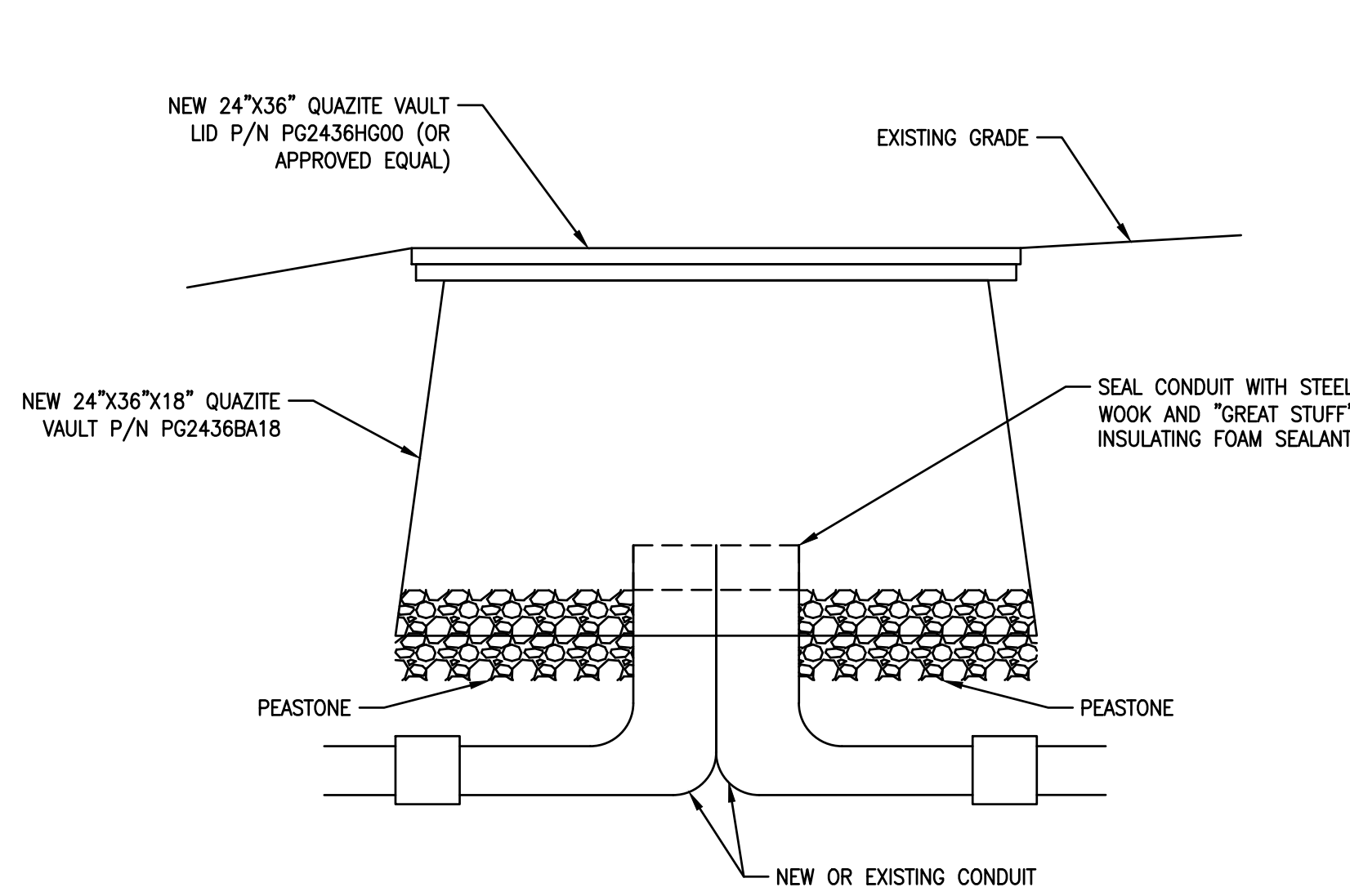
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MA1005-B

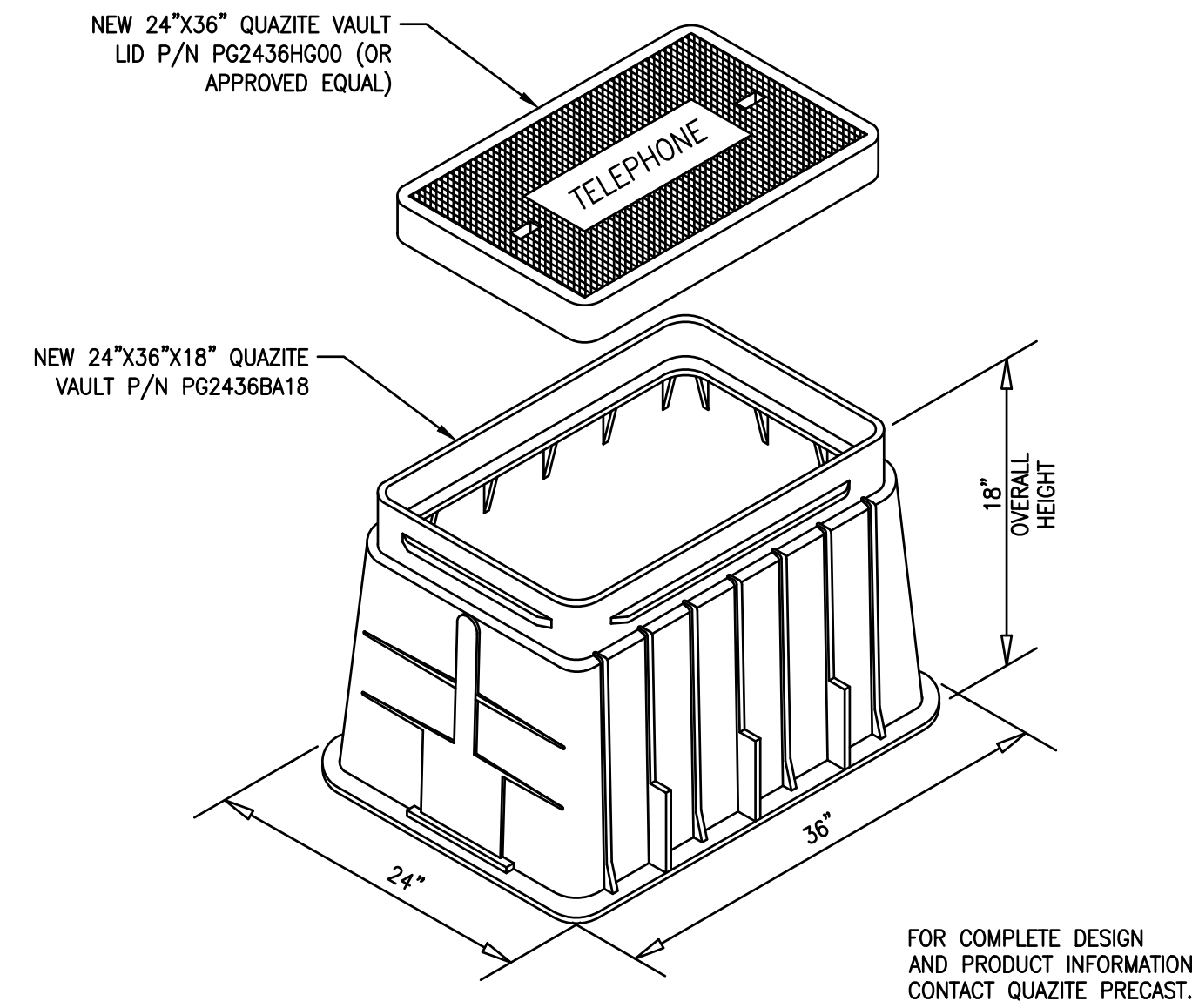
1185 LONG POND ROAD  
BREWSTER, MA 02631  
BARNSTABLE COUNTY

SHEET TITLE  
DETAILS

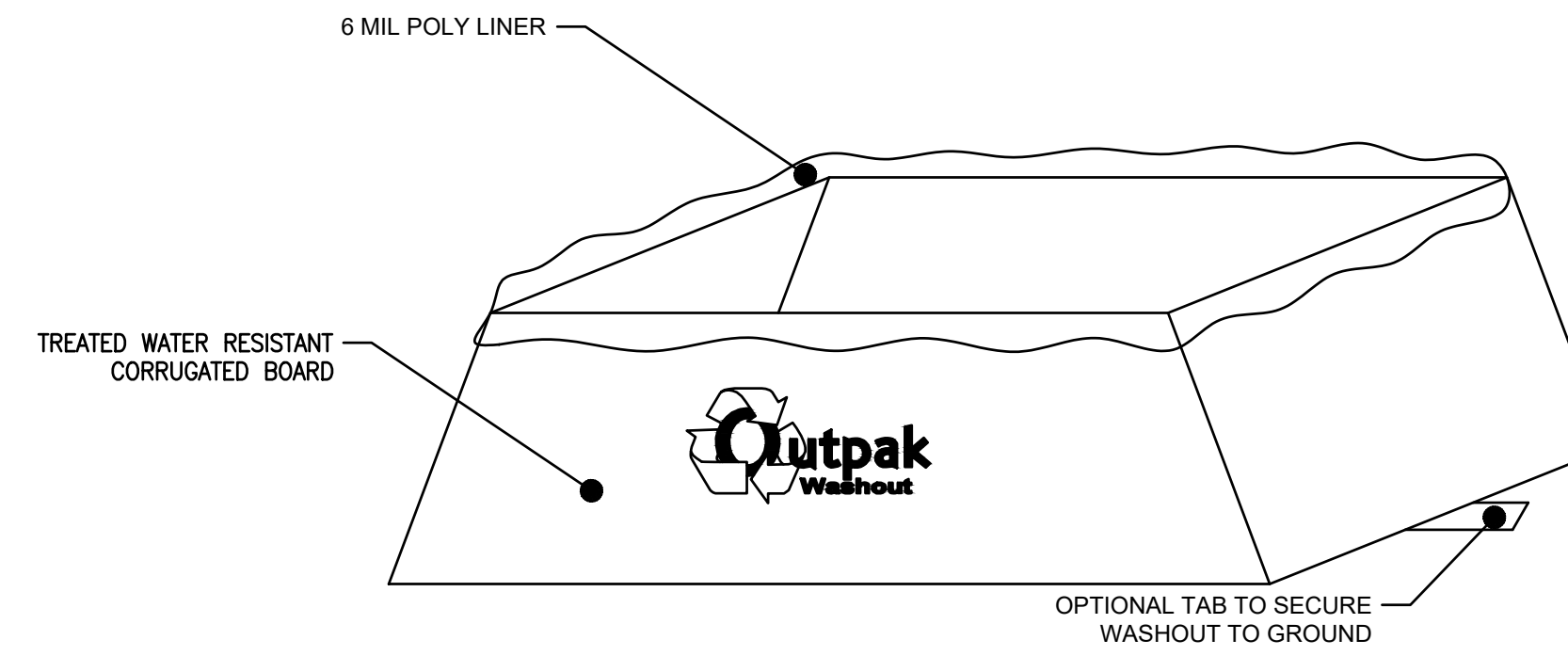
SHEET NUMBER  
**Z-3**



1 TELCO HANDHOLE WITH LID DETAIL  
SCALE: N.T.S.

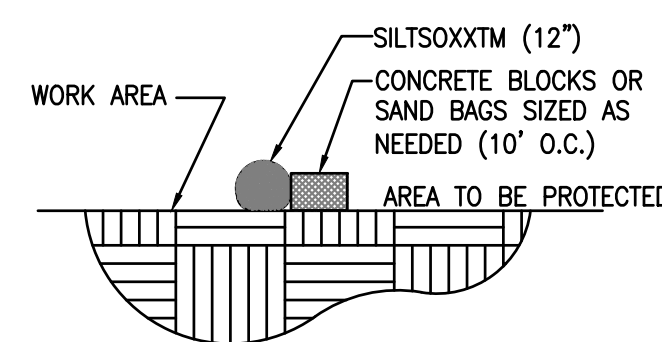


2 TELCO HANDHOLE ISOMETRIC  
SCALE: N.T.S.

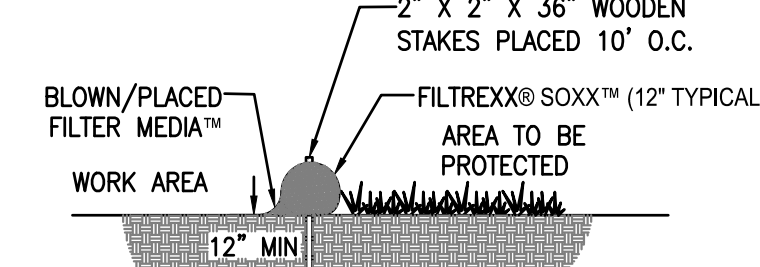


1. THE WASHOUT SHALL BE INSTALLED PRIOR TO USING MATERIALS THAT REQUIRE WASHOUT ON THIS PROJECT.
2. AS NECESSARY, SIGNS SHALL BE PLACED THROUGHOUT THE SITE TO INDICATE THE LOCATION OF THE WASHOUT.
3. THE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR LIQUID WASTE.
4. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE FACILITY.
5. DO NOT WASHOUT INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
6. AVOID DUMPING EXCESS CONCRETE IN NON-DESIGNATED DUMPING AREAS.
7. LOCATE WASHOUT AT LEAST 50' (15 METERS) FROM STORM DRAIN, OPEN DITCHES, OR WATER BODIES.
8. THE WASHOUT SHALL BE USED ONLY FOR NON-HAZARDOUS WASTES.

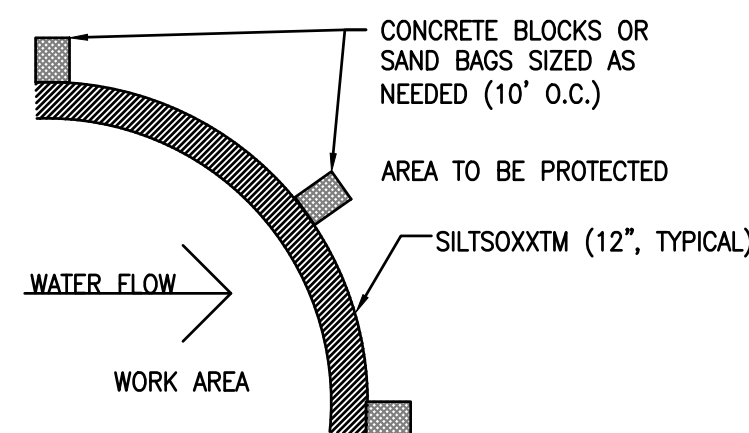
3 CONCRETE WASHOUT STATION  
SCALE: NTS



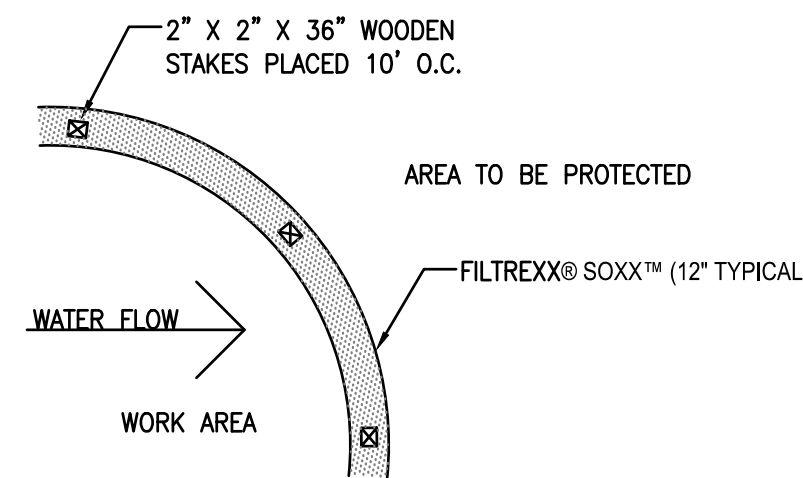
SECTION NTS



SECTION NTS



PAVEMENT OR IMPERVIOUS SURFACE



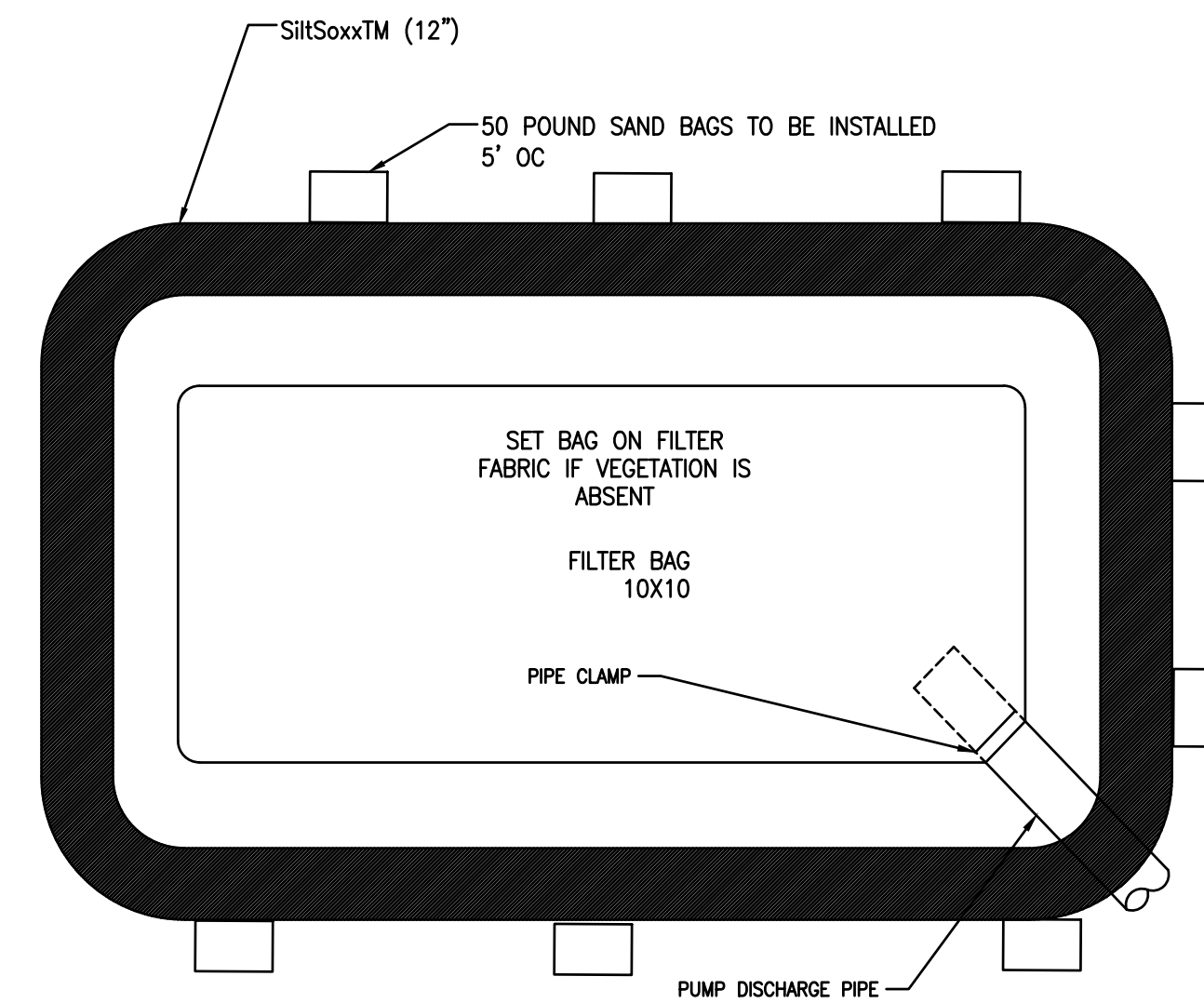
PERVIOUS AREA

- NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
  2. FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
  3. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ADVANCED ENGINEERING GROUP PC

4 FILTREXX BIOSOXX DETAIL  
SCALE: NTS

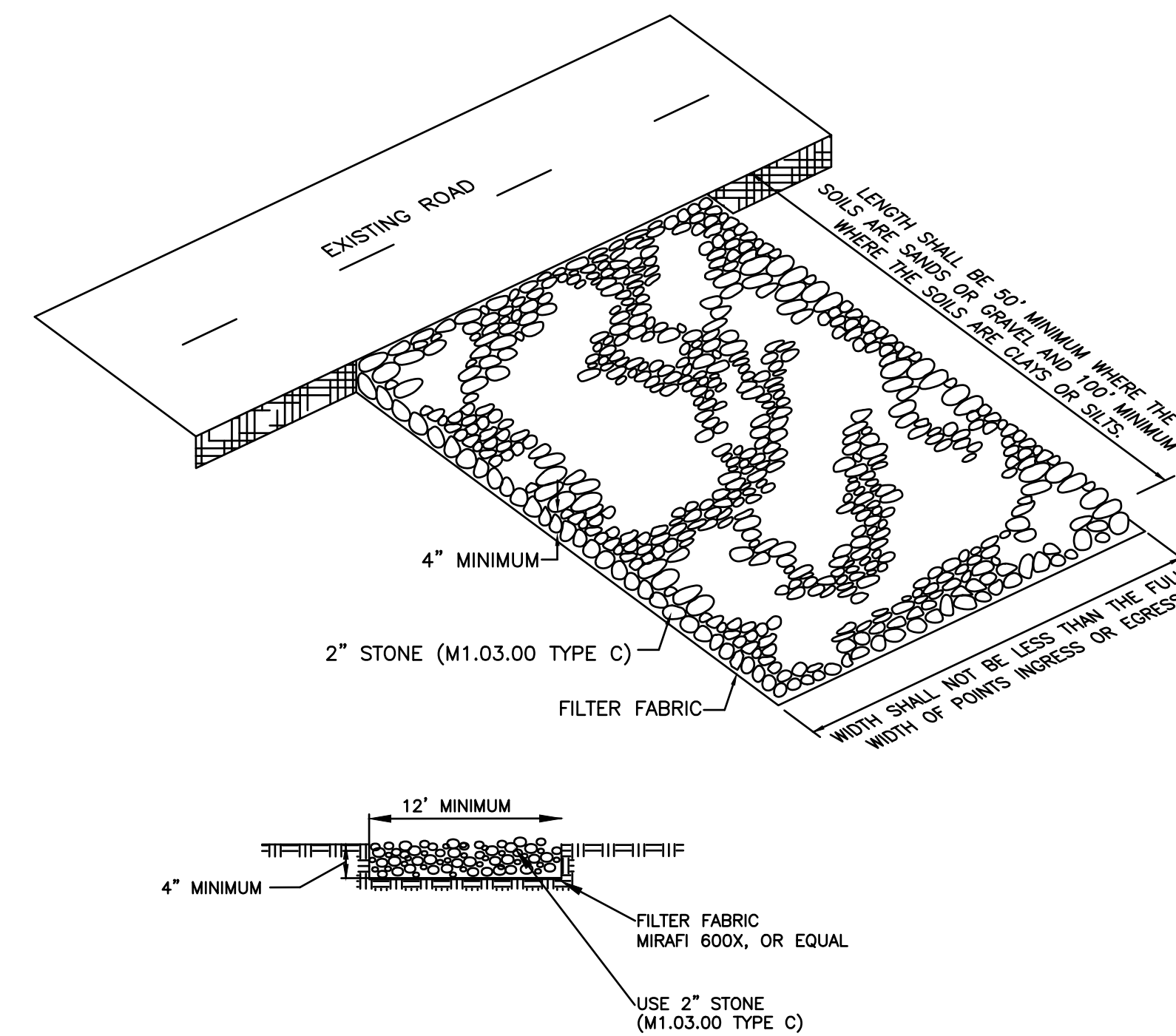
**EROSION & SEDIMENT CONTROL NOTES:**

- 1.) PRIOR TO STARTING ANY WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- 2.) CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- 3.) CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- 4.) CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- 5.) UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND SEDIMENT.
- 6.) ALL DISTURBED AREAS OUTSIDE THE LIMITS OF THE DRIVE/COMPOUND SHALL BE PERMANENTLY ESTABLISHED WITH A VEGETATIVE GROUND COVER. GRADED AREAS SHALL BE PROTECTED WITH STRAW MULCH UNTIL A GOOD VEGETATIVE COVER IS ESTABLISHED.



- NOTES:
1. ENSURE DISCHARGE AREA IS COVERED BY STABLE VEGETATION.
  2. USE DIFFUSER NOZZLE OR LOW DISCHARGE RATE TO PREVENT SCOURING
  3. TO BE PLACED AT AN UPLAND LOCATION THAT WILL ALLOW WATER TO DRAIN TO THE GROUND
  4. THE SIZE OF THE STRAW BALE ENCLOSURE TO BE 10' X10' AND CAN BE ADJUSTED BASED ON WATER VOLUME
  5. ADDITIONAL STRAW BALES CAN BE USED TO INCREASE RETENTION & FILTRATION

5 DEWATERING BASIN DETAIL  
SCALE: N.T.S.



**INSTALLATION**  
THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL, THE STONE SHALL BE PLACED TO THE SPECIFIED DIMENSIONS, AS NOTED ABOVE.

**MAINTENANCE**  
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENTS ONTO PUBLIC RIGHT-OF-WAYS THIS WILL REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE, OR ADDITIONAL LENGTH, AS CONDITIONS DEMAND, AND REPAIR, AND / OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.

**LOCATION**  
SEE GENERAL & LOCATION PLAN FOR LOCATION OF CONSTRUCTION ENTRANCE.

6 ERSION CONTROL ENTERANCE PAD DETAIL  
SCALE: NTS



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1185 LONG POND ROAD  
BREWSTER, MA 02631  
BARNSTABLE COUNTY

SHEET TITLE

DETAILS

SHEET NUMBER

Z-4

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