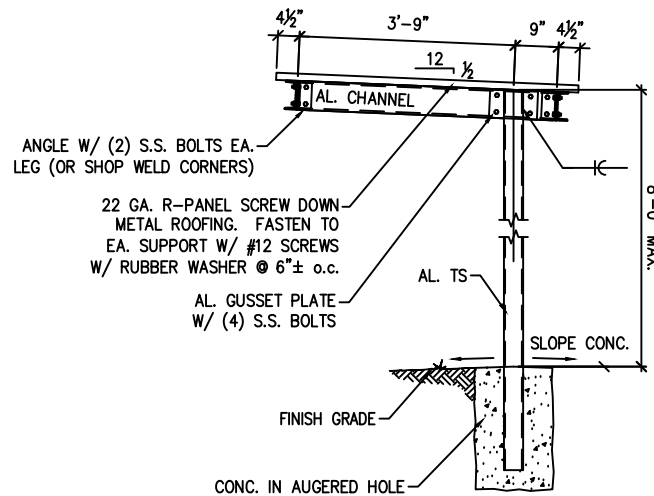


ROOF FRAMING PLAN
SCALE: NTS

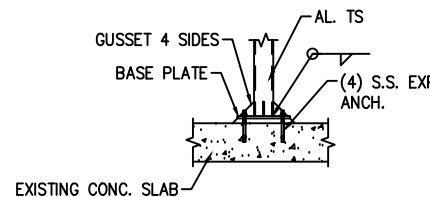
NOTES:

1. DETAIL PROVIDED AS A CONCEPTUAL BASIS OF DESIGN ONLY. PUMP STATION CANOPY DRAWINGS SIGNED AND SEALED BY A LICENSED ENGINEER MUST BE SUBMITTED FOR EACH PROJECT.
2. PUMP STATION CANOPY SHALL BE DESIGNED TO SPAN THE FULL WIDTH OF THE PUMP STATION EQUIPMENT MOUNTING RACK.
3. ALL STRUCTURAL FRAMING TO BE 6061-T6 ALUMINUM UNLESS NOTED OTHERWISE.
4. ALL BOLTS SCREWS AND OTHER FASTENERS TO BE 304 STAINLESS STEEL.
5. ROOFING SHALL BE GALVALUME COATED STEEL OR KYNAR COATED STEEL PER THE OWNER'S REQUIREMENTS.
6. PROVIDE BITUMASTIC COATING BETWEEN DISSIMILAR METALS OR WHERE ALUMINUM FRAMING IS IN CONTACT WITH CONCRETE.
7. AT THE OWNER'S OPTION, EQUIVALENT FRAMING MEMBERS OF GALVANIZED STEEL MAY BE SUBSTITUTED FOR ALUMINUM MEMBERS.

TYPICAL PUMP STATION CANOPY DETAIL
N.T.S.



SECTION 1
PS-010



ALTERNATE BASE PLATE
SCALE: NTS

DESIGN CRITERIA	
OCCUPANCY CATEGORY:	III
DEAD LOADS:	ACTUAL DEAD LOAD OF STRUCTURE
LIVE LOADS:	ROOF 20 P.S.F.
SNOW LOADS:	GROUND SNOW: 5 P.S.F.
WIND LOADS:	BASIC WIND SPEED: (ULTIMATE-3 SECOND GUST) PER LOCATION EXPOSURE: (OPEN) C
SEISMIC LOADS:	IMPORTANCE FACTOR: 1.25 SITE CLASS: D MAPPED SPECTRAL RESPONSE, S: PER LOCATION MAPPED SPECTRAL RESPONSE, S: PER LOCATION SDS: PER LOCATION SD1: PER LOCATION SEISMIC DESIGN CATEGORY: D BASIC SEISMIC FORCE RESISTING SYSTEM: INVERTED PENDULUM NON-BUILDING STRUCTURE RESPONSE MODIFICATION FACTOR "R": 2 SEISMIC RESPONSE COEFFICIENT, SC: PER DESIGN ANALYSIS METHOD: EQUIV. LATERAL FORCE SEISMIC BASE SHEAR: PER DESIGN
ALL DESIGN CRITERIA PER ASCE 7, LATEST ADOPTED EDITION & THE INTERNATIONAL BUILDING CODE	



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N.C.S.D. STANDARD DETAILS

REV. DATE: JUNE 2019 DWG#: PS-010