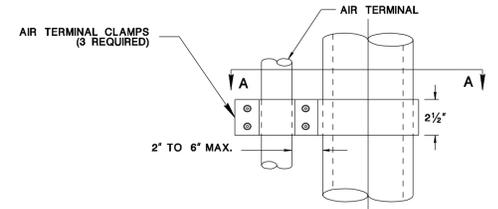
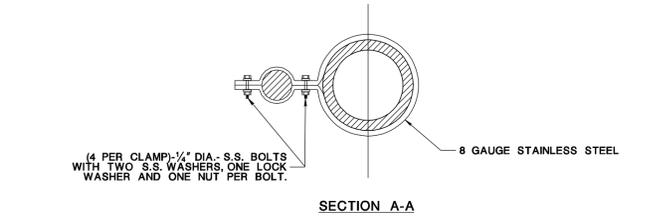
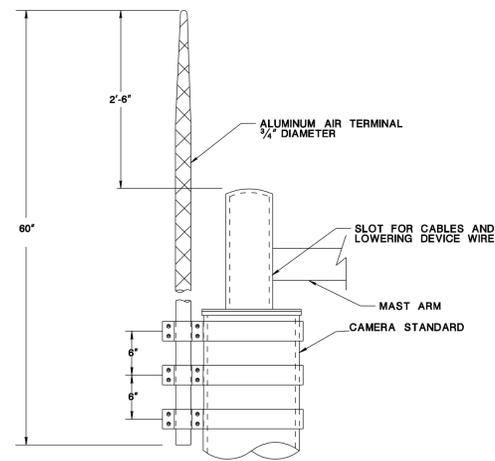
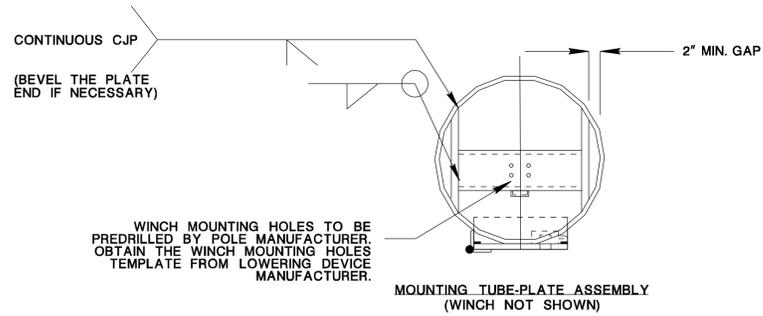


THE DIMENSIONS OF THE MOUNTING TUBE-PLATE ASSEMBLY AND WELD SIZE TO BE DETERMINED BY THE MANUFACTURER TO ENSURE THE ASSEMBLY CAN WITHSTAND ALL LOADS FROM WINCH/CAMERA LOWERING DEVICE SYSTEM.

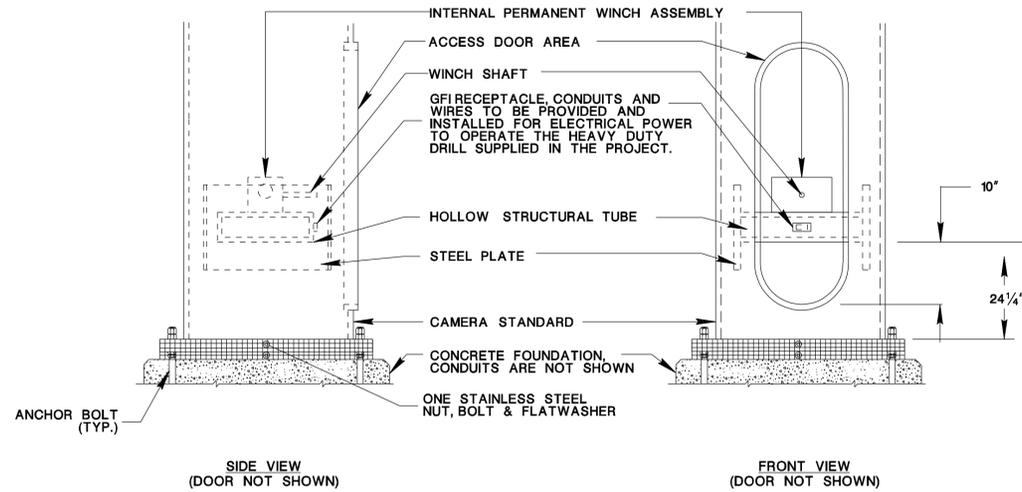
WELD THE TWO PLATES OF THE ASSEMBLY INSIDE THE POLE PRIOR TO GALVANIZING. ENSURE NO CRACKING AT WELDS.

POSITION THE WINCH ASSEMBLY SO THAT THE WINCH SHAFT CAN ACCOMMODATE THE DRILL ADAPTER ASSEMBLY AND MANUAL HAND CRANK ASSEMBLY.

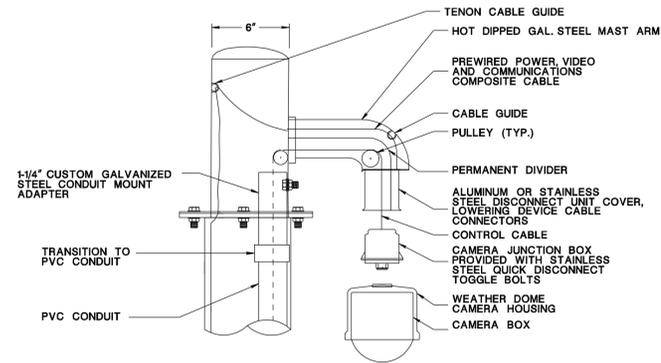


AIR TERMINAL

AIR TERMINAL CLAMP DETAIL



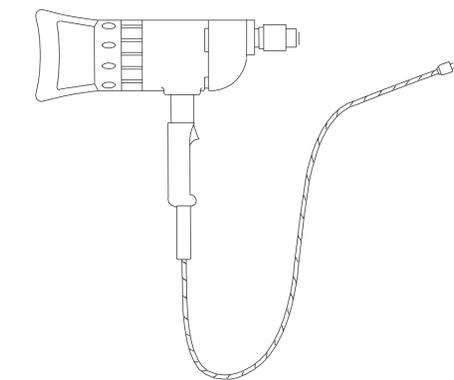
WINCH ASSEMBLY MOUNTING DETAIL



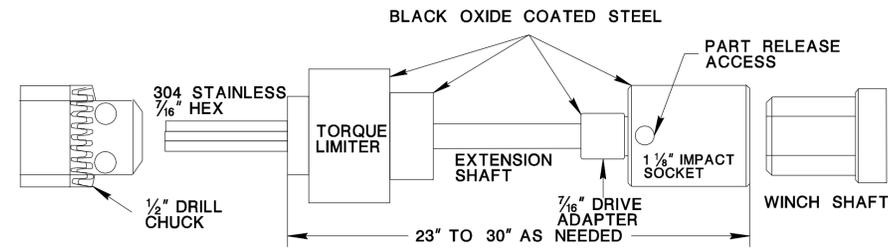
DOME CAMERA AND LOWERING DEVICE ASSEMBLY (LINE DIAGRAM)

NOTES:

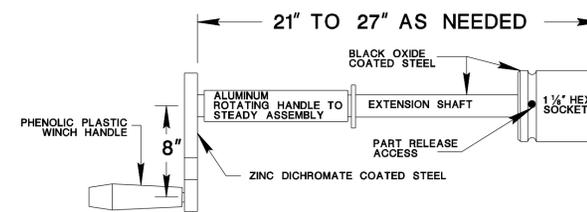
1. PROVIDE SEALED, SELF LUBRICATED BEARINGS, OIL TIGHT BRONZE BEARINGS OR SINTERED BRONZE BUSHINGS WITH ALL PULLEYS FOR THE CAMERA LOWERING DEVICE.
2. ENSURE THE LOWERING CABLE HAS A MINIMUM OF 1/4" DIAMETER STAINLESS STEEL AIRCRAFT CABLE WITH A MINIMUM BREAKING STRENGTH OF 1740 POUNDS WITH (7) STRANDS OF 19 WIRE EACH.
3. PROTECT ALL ELECTRICAL AND VIDEO COAXIAL CONNECTIONS BETWEEN THE FIXED AND LOWERABLE PORTION OF THE CONTACT BLOCK FROM EXPOSURE TO THE WEATHER WITH A WATERPROOF SEAL TO PREVENT DEGRADATION OF THE ELECTRICAL CONTACTS.
4. DESIGN THE ELECTRICAL CONNECTIONS BETWEEN THE FIXED AND MOVABLE LOWERING DEVICE COMPONENTS TO CONDUCT HIGH FREQUENCY DATA BITS AND ONE (1) VOLT PEAK-TO-PEAK VIDEO SIGNALS AS WELL AS THE POWER REQUIREMENTS FOR OPERATION OF DOME ENVIRONMENTAL CONTROLS.
5. PROVIDE INTERFACE AND LOCKING COMPONENTS MADE OF STAINLESS STEEL.
6. ENSURE THE SUSPENSION CONTACT UNIT HAS LOAD CAPACITY OF 600 LBS. WITH A MINIMUM OF 4 TO 1 SAFETY FACTOR.
7. SUPPLY DRILL ADAPTOR ASSEMBLY AND MANUAL HAND CRANK ASSEMBLY AS SHOWN.
8. INCLUDE INTERNAL PERMANENT WINCH ASSEMBLY AND GFI RECEPTACLE BOX MOUNTING DETAILS, IN THE WORKING DRAWINGS FOR APPROVAL.
9. DURING THE INSTALLATION OF THE FIRST CAMERA SURVEILLANCE SYSTEM IN THE PROJECT PROCURE ASSISTANCE FROM THE LOWERING DEVICE MANUFACTURER. THE FACTORY REPRESENTATIVE OF THE LOWERING DEVICE MANUFACTURER IS REQUIRED TO BE PRESENT DURING THE ASSEMBLY AND TESTING OF THE VERY FIRST LOWERING DEVICE AND WINCH ASSEMBLY ON THE CAMERA STANDARD. FOR SUBSEQUENT INSTALLATIONS WITHIN THE SAME PROJECT IF A FACTORY REPRESENTATIVE OF THE LOWERING DEVICE MANUFACTURER IS NOT PROVIDED THEN A CERTIFICATION FROM THE LOWERING DEVICE MANUFACTURER WILL BE REQUIRED STATING THAT THE CONTRACTOR HAS BEEN INSTRUCTED AND TRAINED ON THE INSTALLATION, OPERATION AND SAFETY FEATURES OF THE LOWERING DEVICE AND WINCH ASSEMBLY.
10. ARRANGE FOR AND PROVIDE "ON SITE" OPERATIONAL INSTRUCTIONS AND TRAINING TO DOT-ITS MAINTENANCE PERSONNEL.



REVERSIBLE 1/2" HEAVY DUTY DRILL WITH TORQUE LIMITED CLUTCH EQUIPPED



DRILL ADAPTER ASSEMBLY (LINE DIAGRAM)



MANUAL HAND CRANK ASSEMBLY (LINE DIAGRAM)

NOT TO SCALE

ITS-704-13
 NEW JERSEY DEPARTMENT OF TRANSPORTATION
ITS DETAILS
 CAMERA SURVEILLANCE SYSTEM
 CAMERA STANDARD TYPE A & B

