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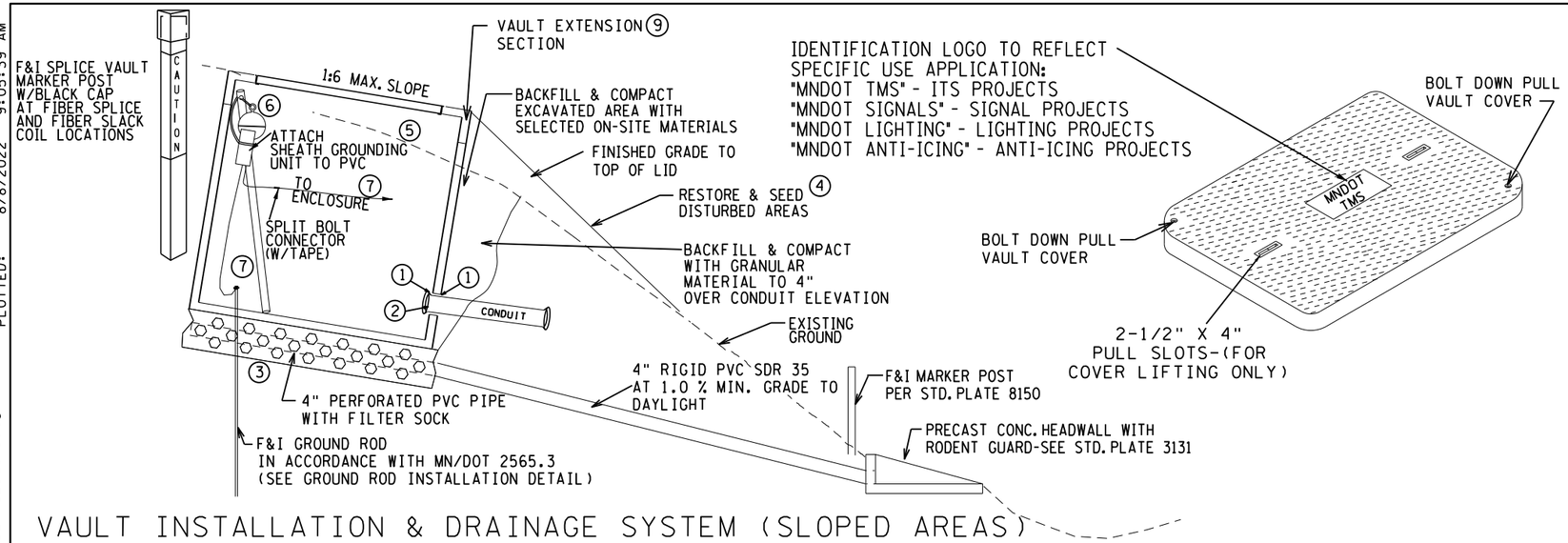
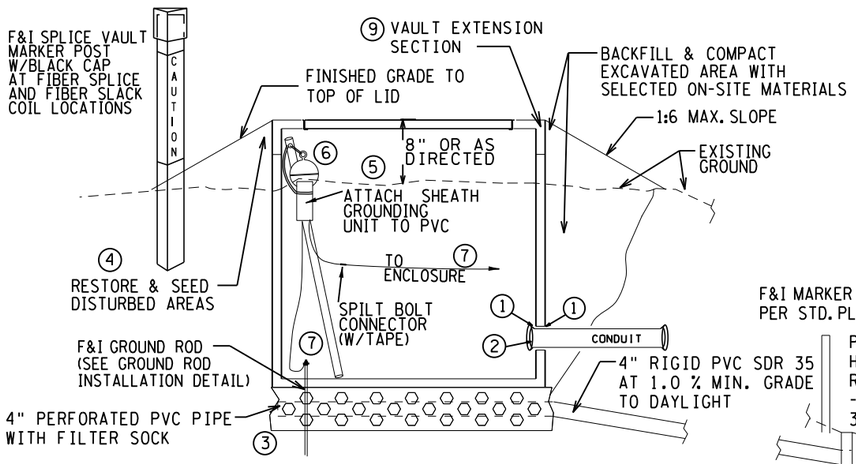


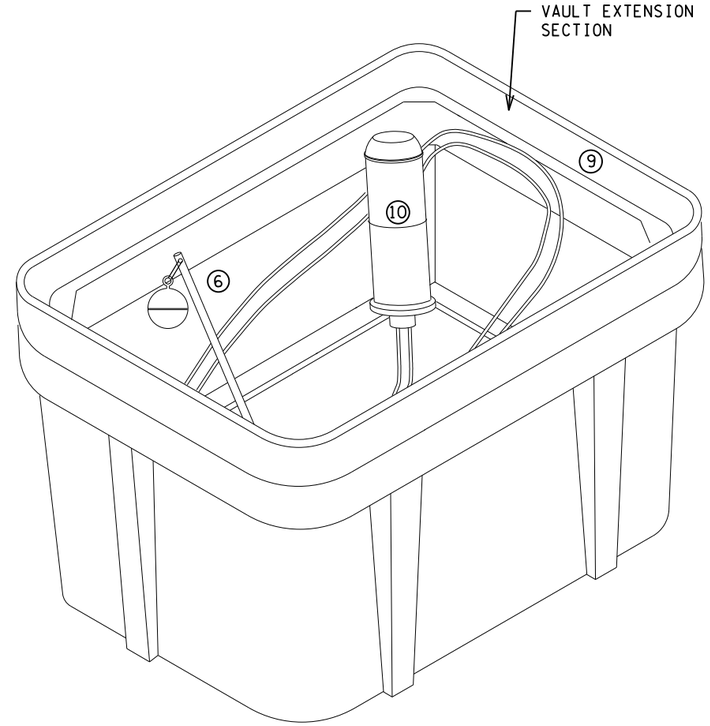
VAULT INSTALLATION & DRAINAGE SYSTEM (SLOPED AREAS)



VAULT INSTALLATION & DRAINAGE SYSTEM
(LEVEL GROUND & ACHIEVABLE DRAINAGE AREAS)

GENERAL NOTES

1. GROUND CONNECTIONS SHALL BE COATED WITH OXIDATION PROHIBITING COMPOUND.
2. CABLE SHALL ENTER BELOW THE SUPPORT BRACKETS WITH MIN. 70' OF SLACK OUTSIDE OF THE ENCLOSURE FOR EACH CABLE. CABLE SHALL BE COILED AROUND INSIDE OF SUPPORT BRACKETS. CABLES SHALL BE CUT TO THE SAME LENGTH AT THE ENCLOSURE.
3. DO NOT LIFT ENTIRE PULL VAULT WITH COVER ATTACHED BY COVER LIFTING SLOTS.
4. SHEATH GROUNDING DEVICE AND GROUND ROD ARE NOT PLACED IN VAULTS WHERE SPLICING DOES NOT TAKE PLACE.



SPECIFIC NOTES

(1) OPENINGS FOR CONDUIT SHALL BE SEALED WITH MATERIAL COMPATIBLE SEALANT. (INCIDENTAL)

(2) F&I BELL ENDS ON THE CONDUITS AND PLUG CONDUIT OPENING WITH A DRAINABLE COMPOUND (INCIDENTAL)

(3) F&I 1.0' COARSE FILTER AGGREGATE UNDER BASE COMPLYING WITH MN/DOT 3149.2H. F&I 4" PERFERATED PVC PIPE WITH FILTER SOCK TO PROVIDE DRAINAGE. (INCIDENTAL)

(4) RESTORE DISTURBED AREAS FOR TMS INSTALLATION WITH SEED AND ROLLED EROSION PREVENTION CATEGORY 20 PER MNDOT 2575.3 (INCIDENTAL)

(5) STRIP TOPSOIL FROM VAULT AND SLOPE AREAS PRIOR TO VAULT INSTALLATION (INCIDENTAL)

(6) MOUNT LOCATOR BALL ATTACHED WITH BLACK TIE WRAP TO 40" LENGTH OF 3/4" PVC CONDUIT TO SIT WITHIN 6" OF COVER

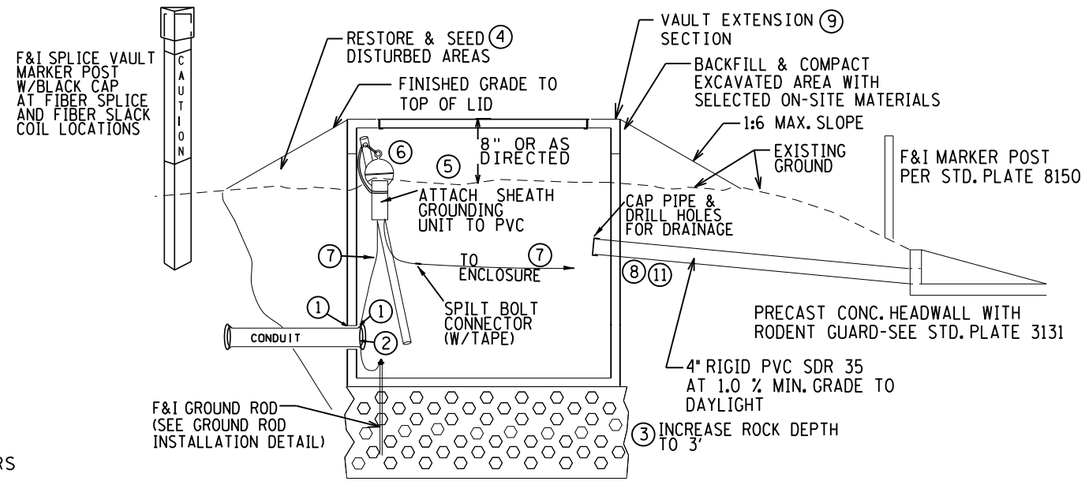
(7) 6' OF NO.6 GREEN INSULATED STRANDED WIRE

(8) DRAIN PIPE MAY BE PLACED IN SIDEWALL OF PULL VAULT TO ACHIEVE DRAINAGE IN AREAS WHERE MINIMUM PIPE OUTFALL IS AVAILABLE. INCREASE ROCK DEPTH TO 3.0' IF DRAIN PIPE IS PLACE ABOVE FLOOR HEIGHT.

(9) F&I VAULT EXTENSION SECTION AT ALL PULL VAULT INSTALLATIONS TO FACILITATE FUTURE DAMAGE REPAIRS

(10) DOME STYLE SPLICE ENCLOSURE. TIE WRAP ENCLOSURE TO CABLES

(11) NO DRAIN REQUIRED IF DRAINPIPE TO DAYLIGHT IS UNACHIEVABLE. ENGINEER APPROVAL REQUIRED.



VAULT INSTALLATION & DRAINAGE SYSTEM
(LEVEL GROUND & MINIMUM ACHIEVABLE DRAINAGE AREAS)

FIBER OPTIC PULL VAULT AT SPLICING LOCATIONS INSTALLATION DETAIL

REVISED 7/14/22

REV. NO.	DATE: / /
REV. NO.	DATE: / /

CERTIFIED BY _____ LIC.NO. 12345 DATE ____ 2021
LICENSED PROFESSIONAL ENGINEER

STATE PROJ. NO. XXXX-XXX (TH XXX) SHEET NO. XXXX? OF XXXXX SHEETS