

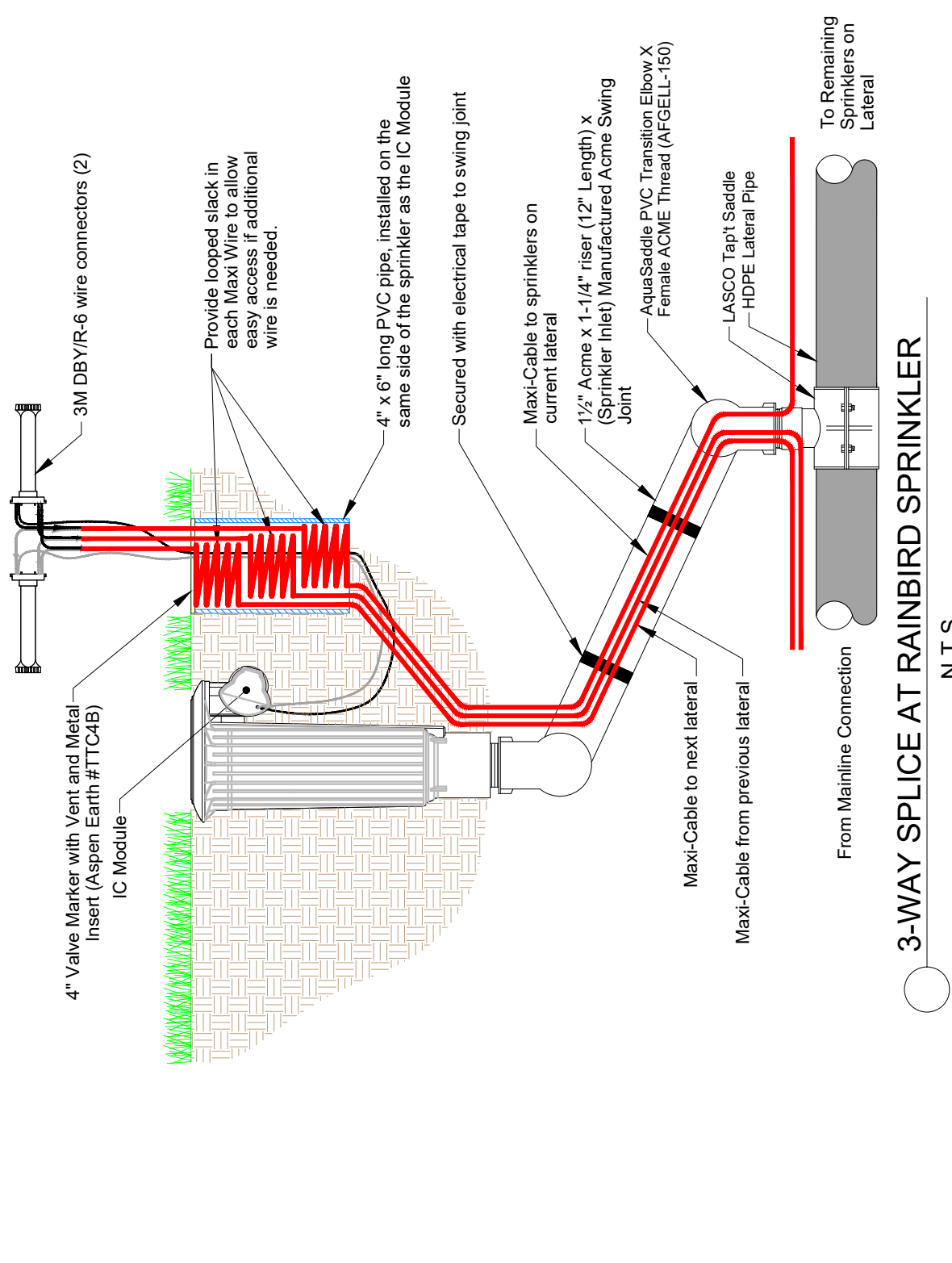
BELLEAIR COUNTRY CLUB EAST COURSE

Belleair, FL

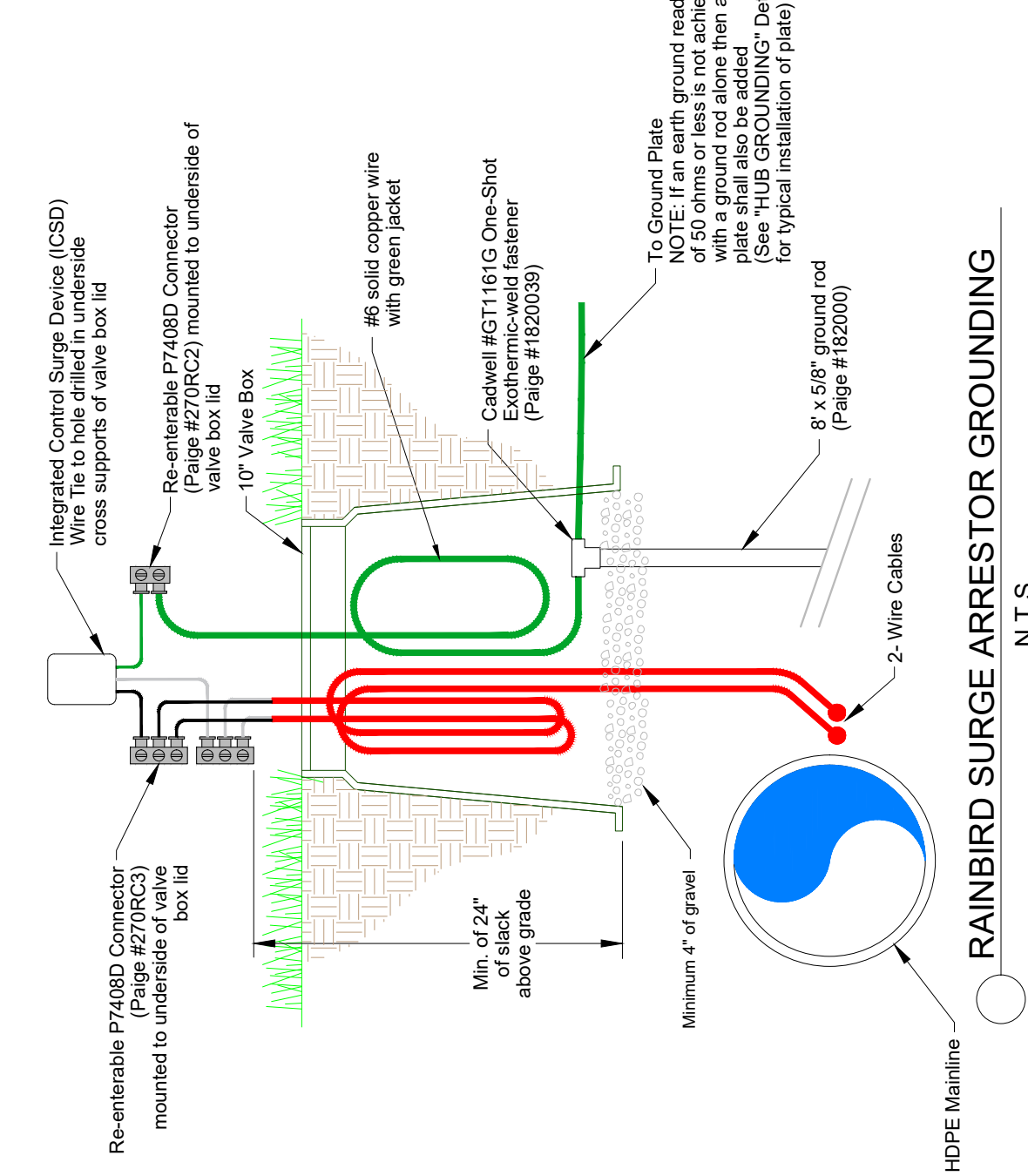
IRRIGATION PLANS

SHEET KEY

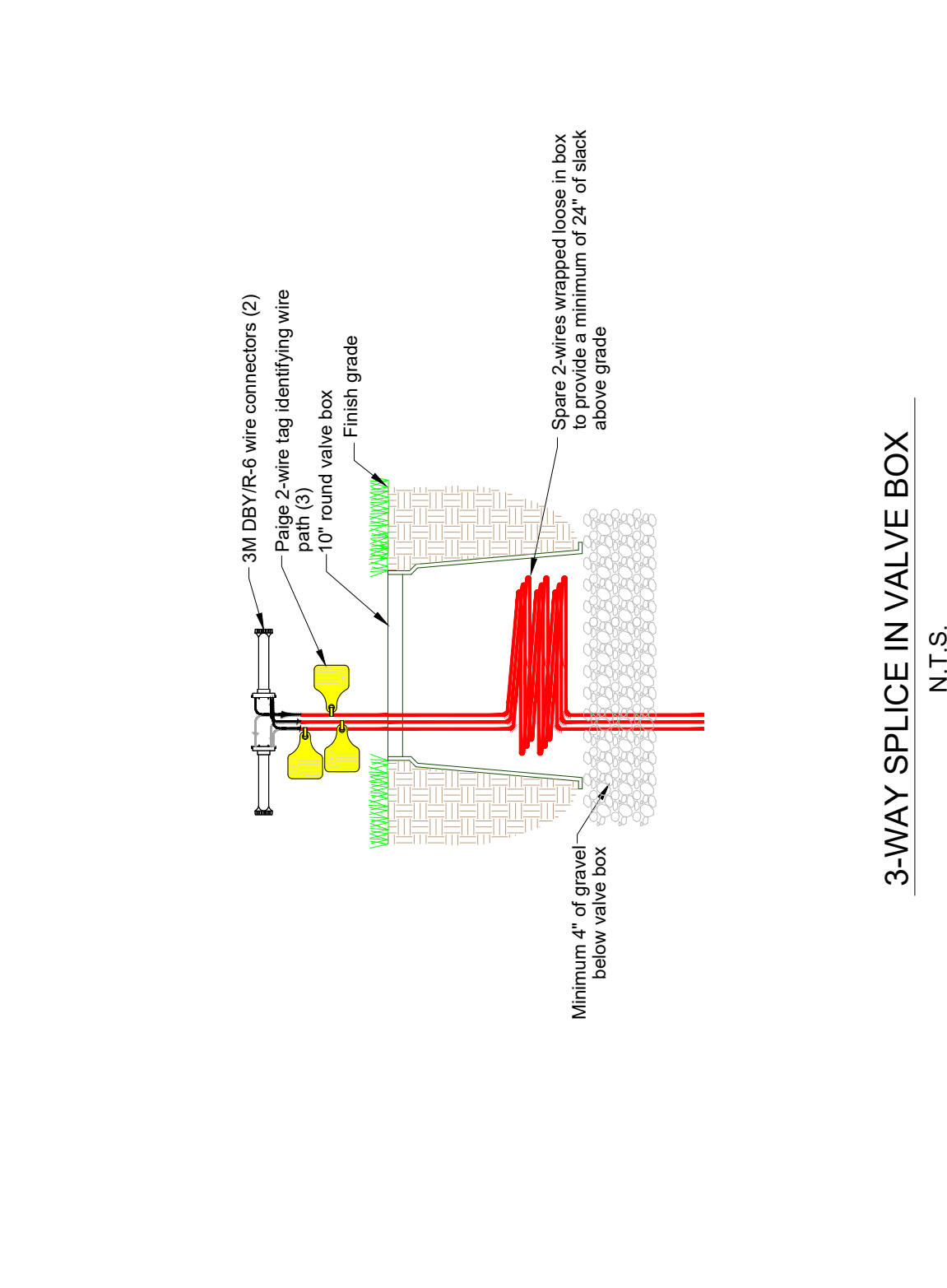
SHEET 1: MECHANICAL PLAN
SHEET 2: RAIN BIRD ELECTRICAL PLAN
SHEET 3: TORO ELECTRICAL PLAN
SHEET 4: IRRIGATION DETAILS



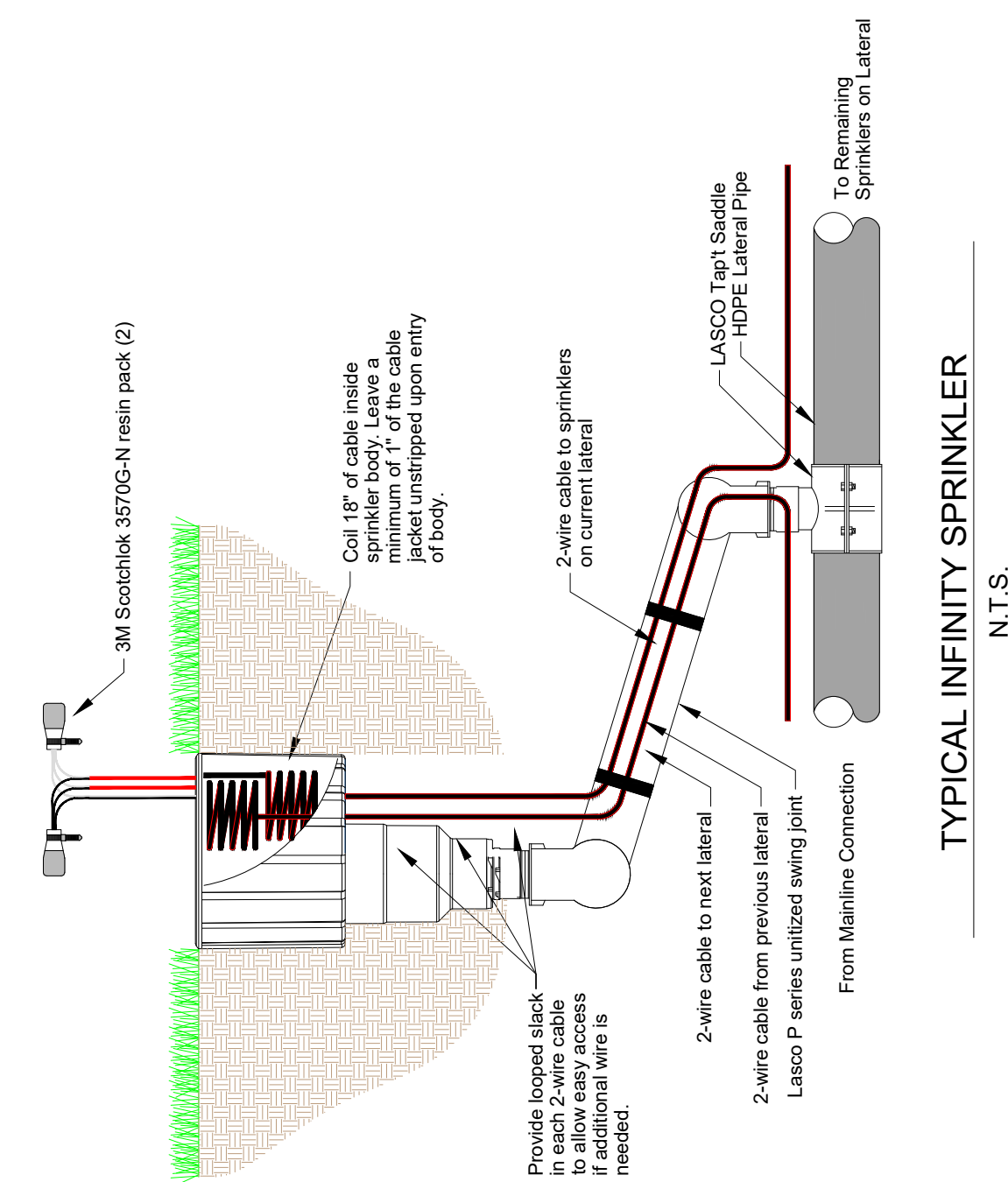
3-WAY SPLICE AT RAINBIRD SPRINKLER
N.T.S.



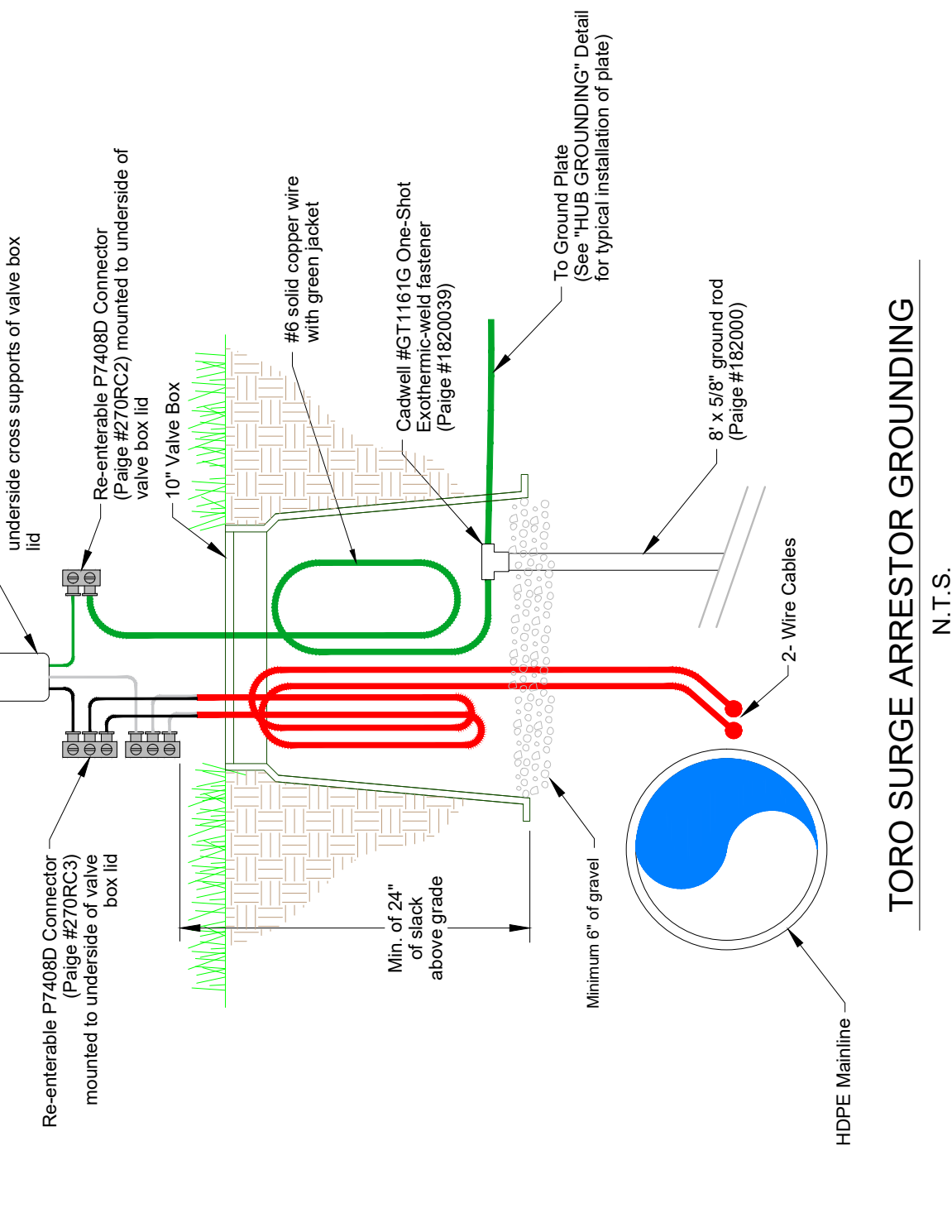
RAINBIRD SURGE ARRESTOR GROUNDING
N.T.S.



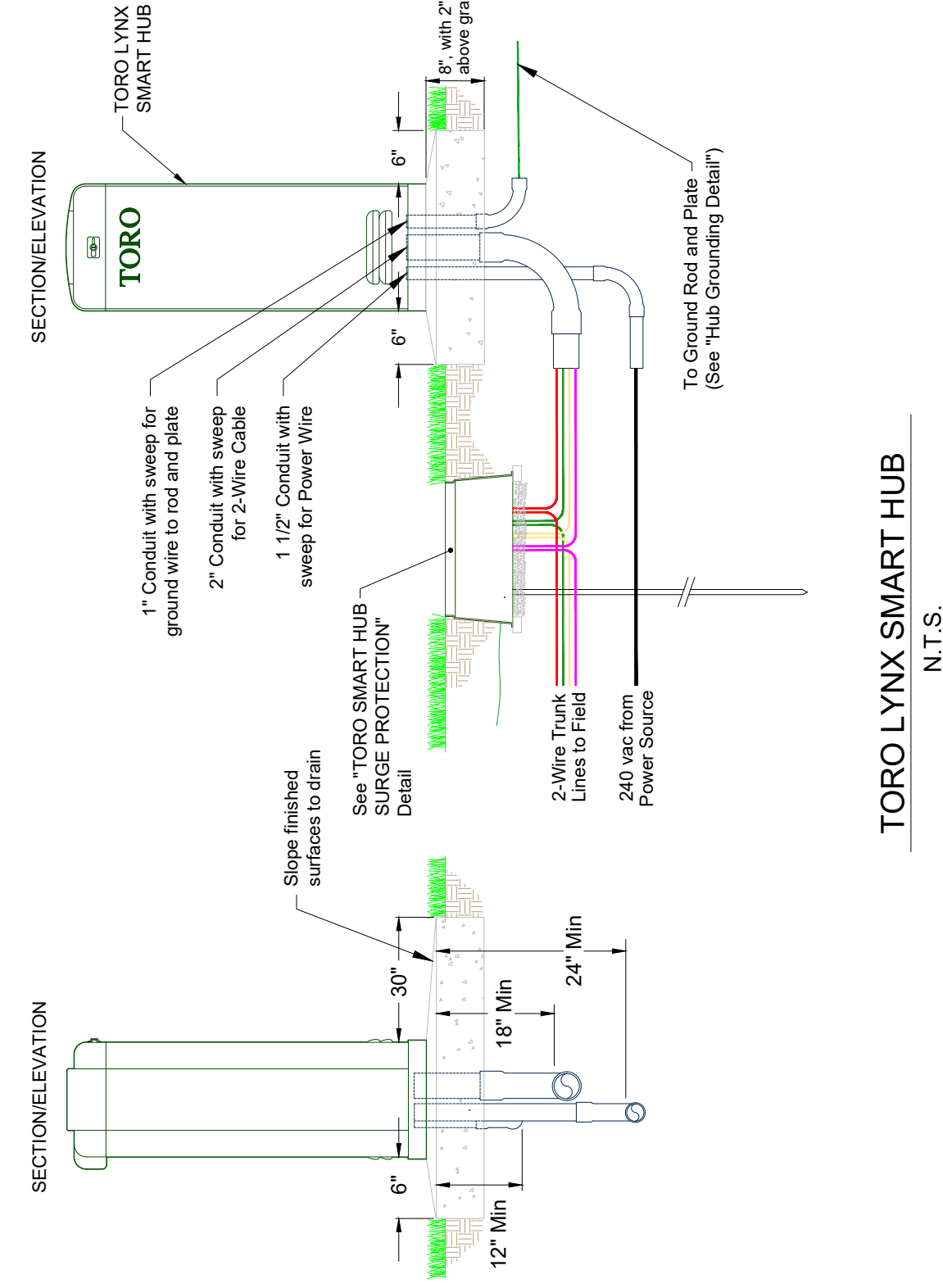
TYPICAL INFINITY SPRINKLER
N.T.S.



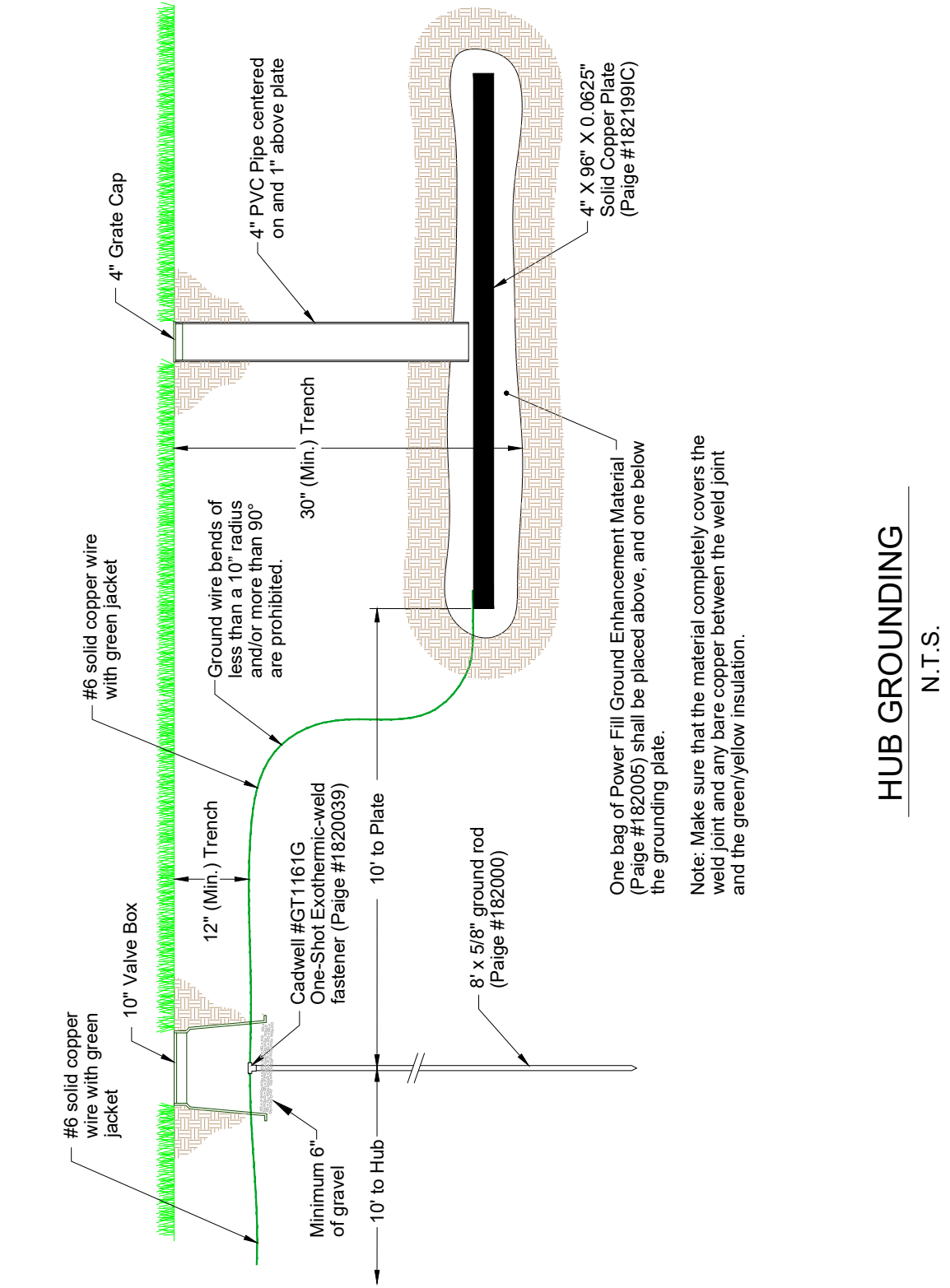
RAINBIRD CI
N.T.S.



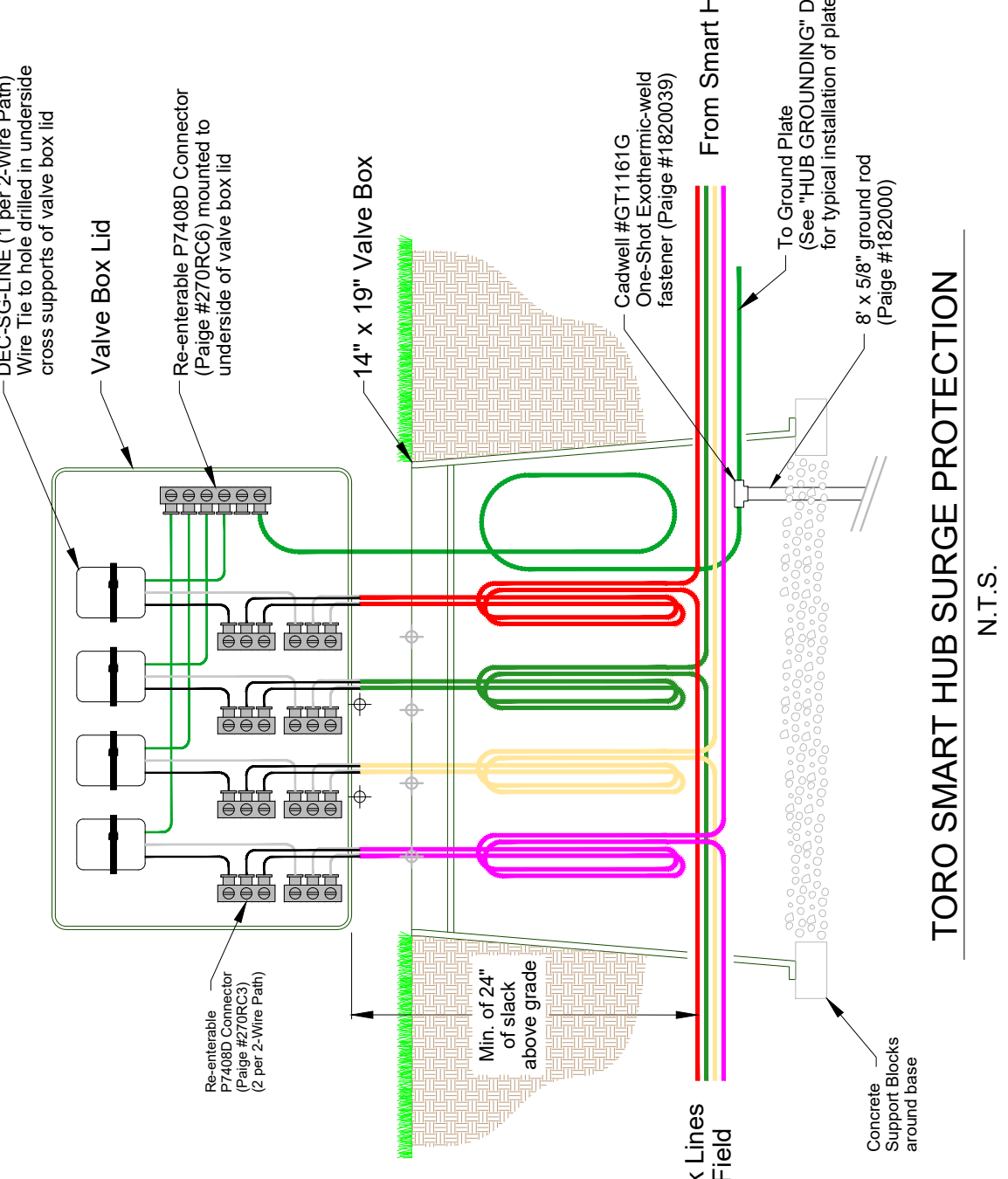
TORO SURGE ARRESTOR GROUNDING
N.T.S.



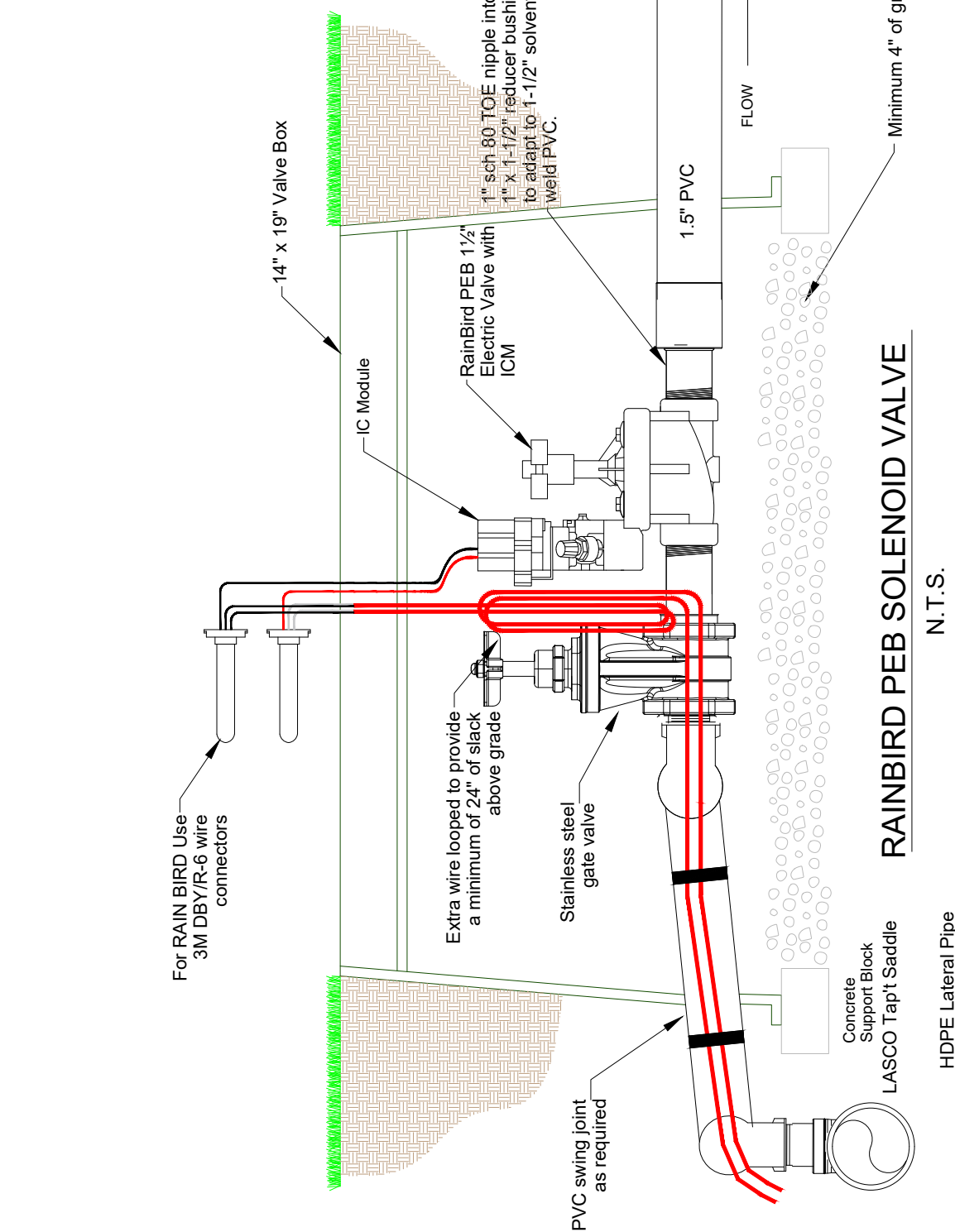
TORO LYNX SMART HUB
N.T.S.



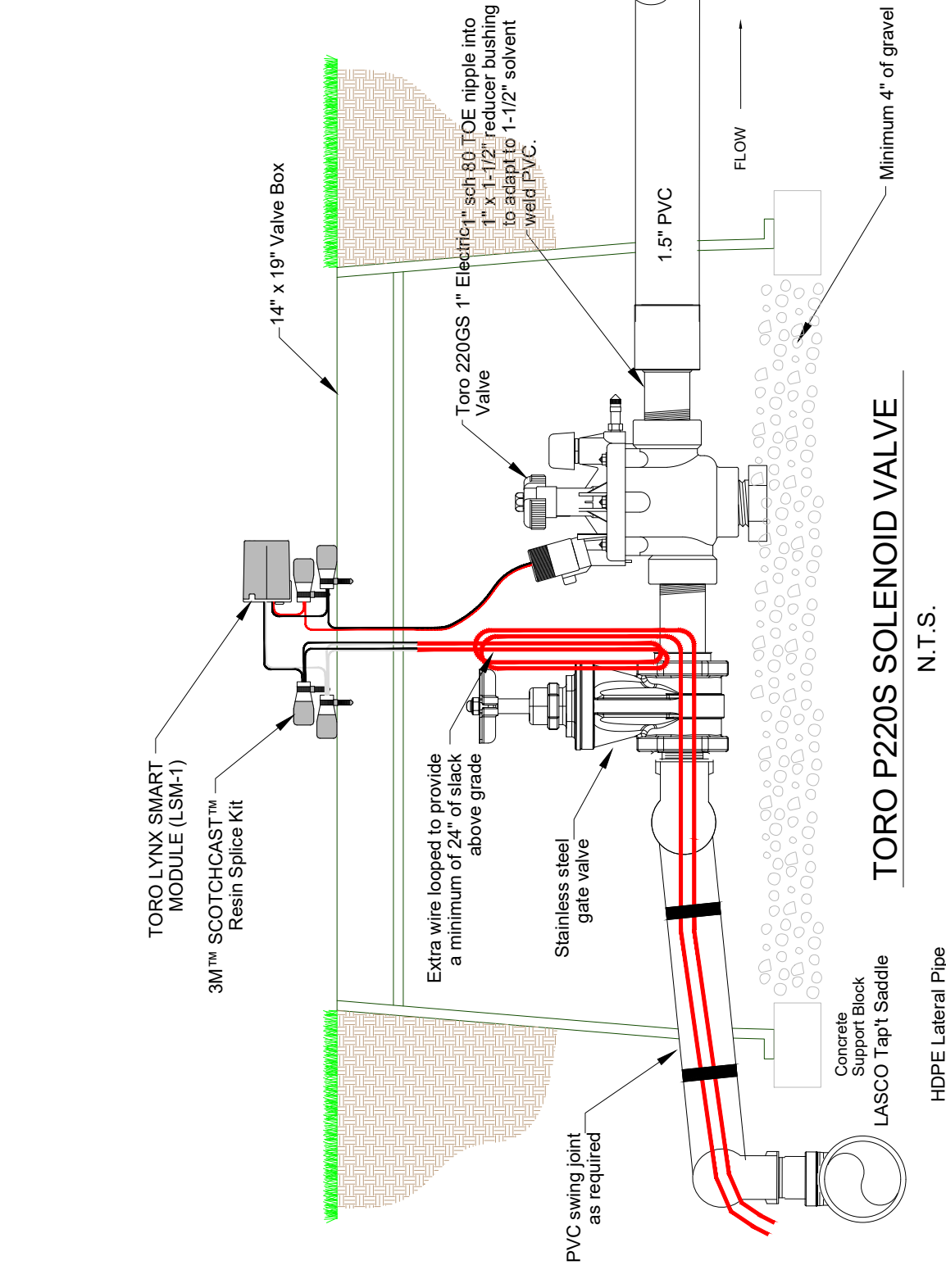
HUB GROUNDING
N.T.S.



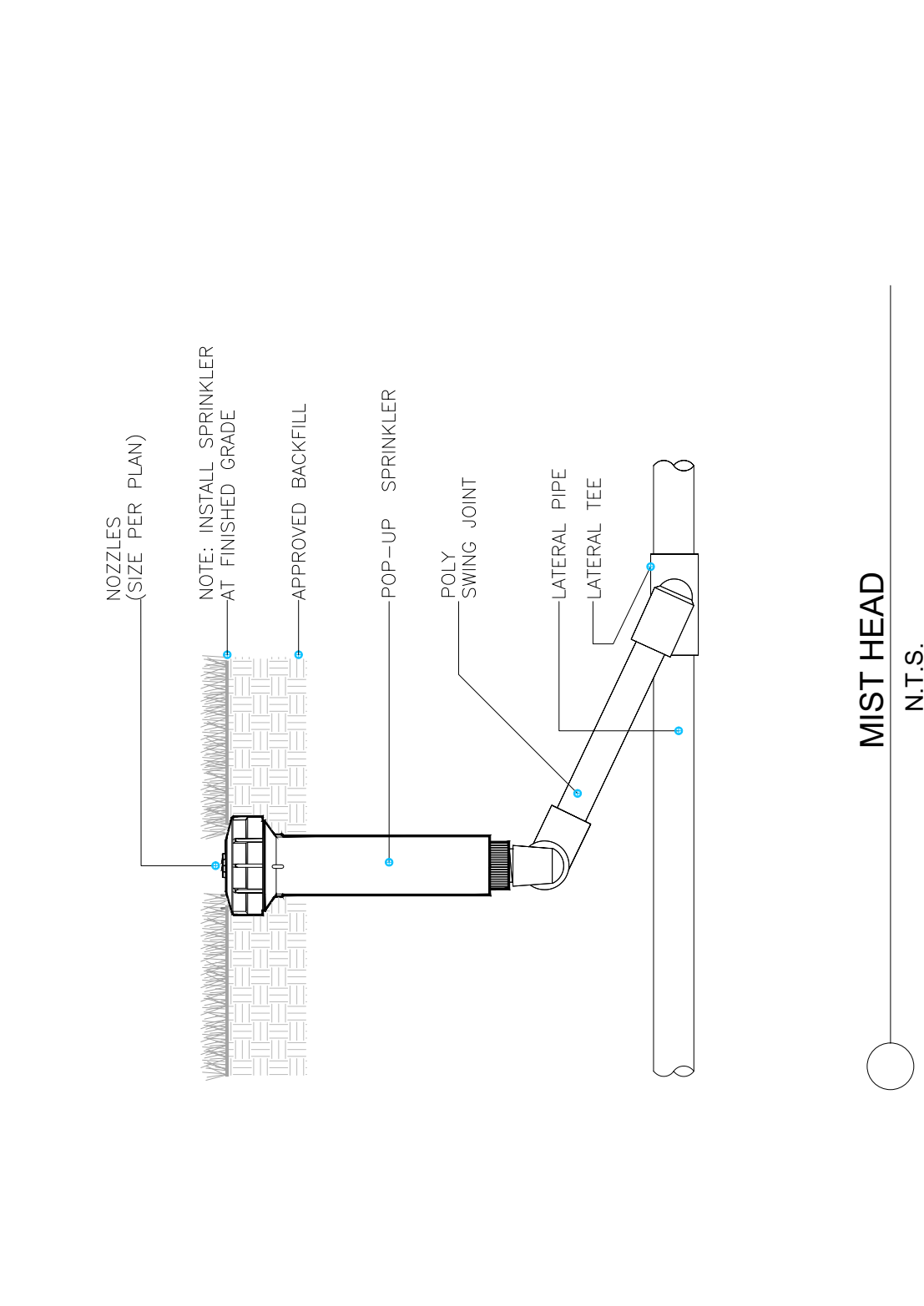
TORO SMART HUB SURGE PROTECTION
N.T.S.



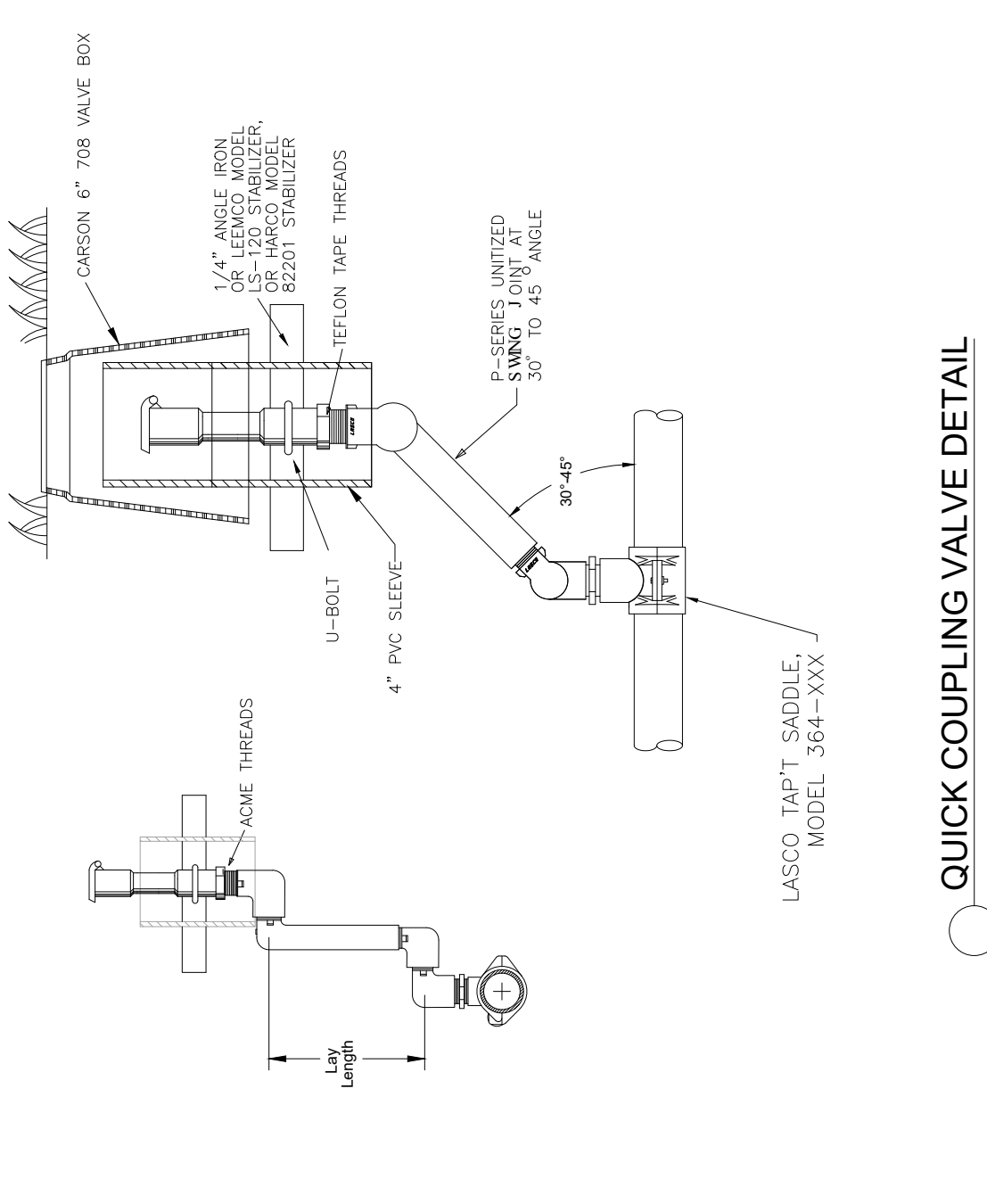
RAINBIRD PEB SOLENOID VALVE
N.T.S.



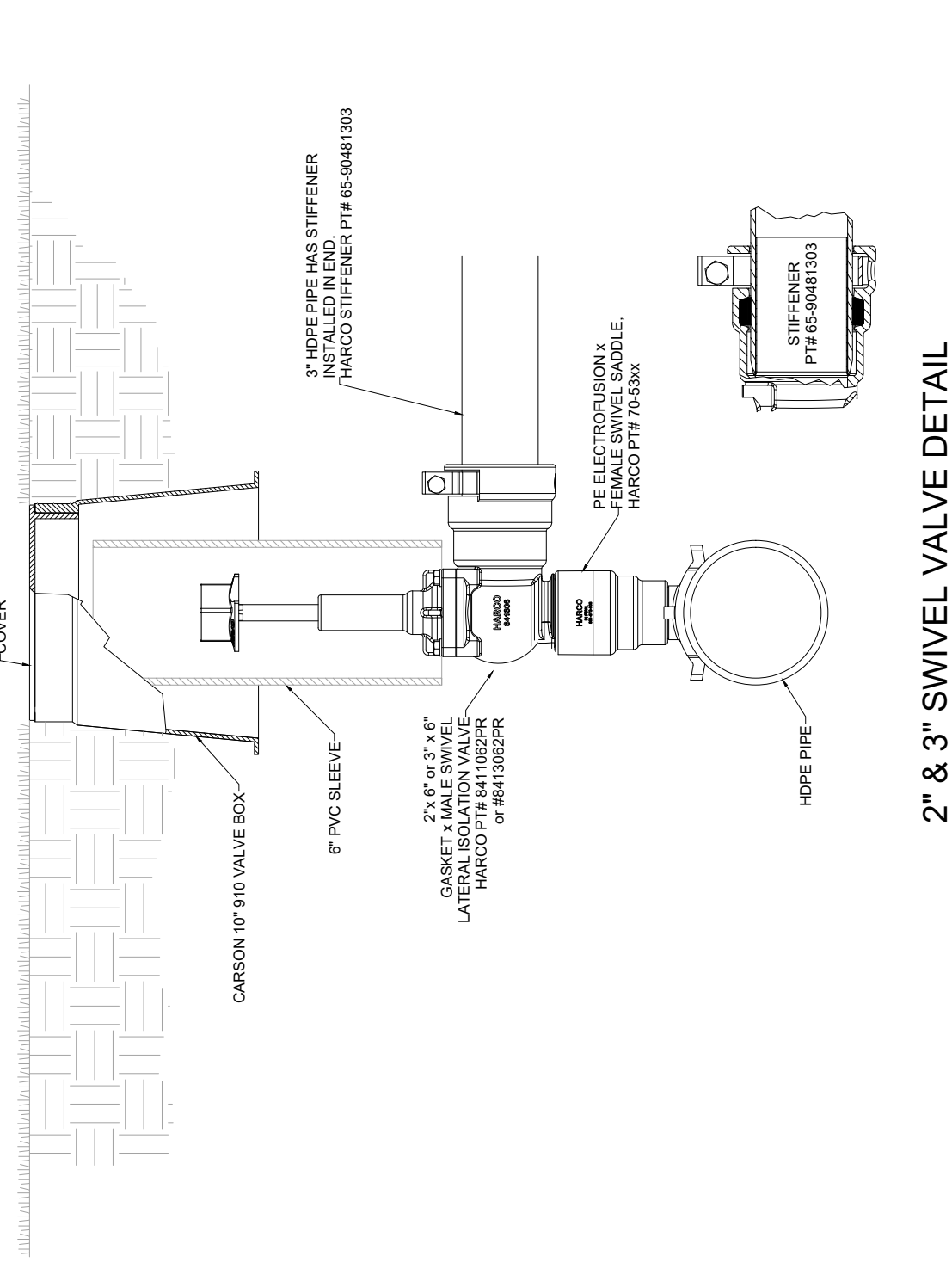
TORO P220S SOLENOID VALVE
N.T.S.



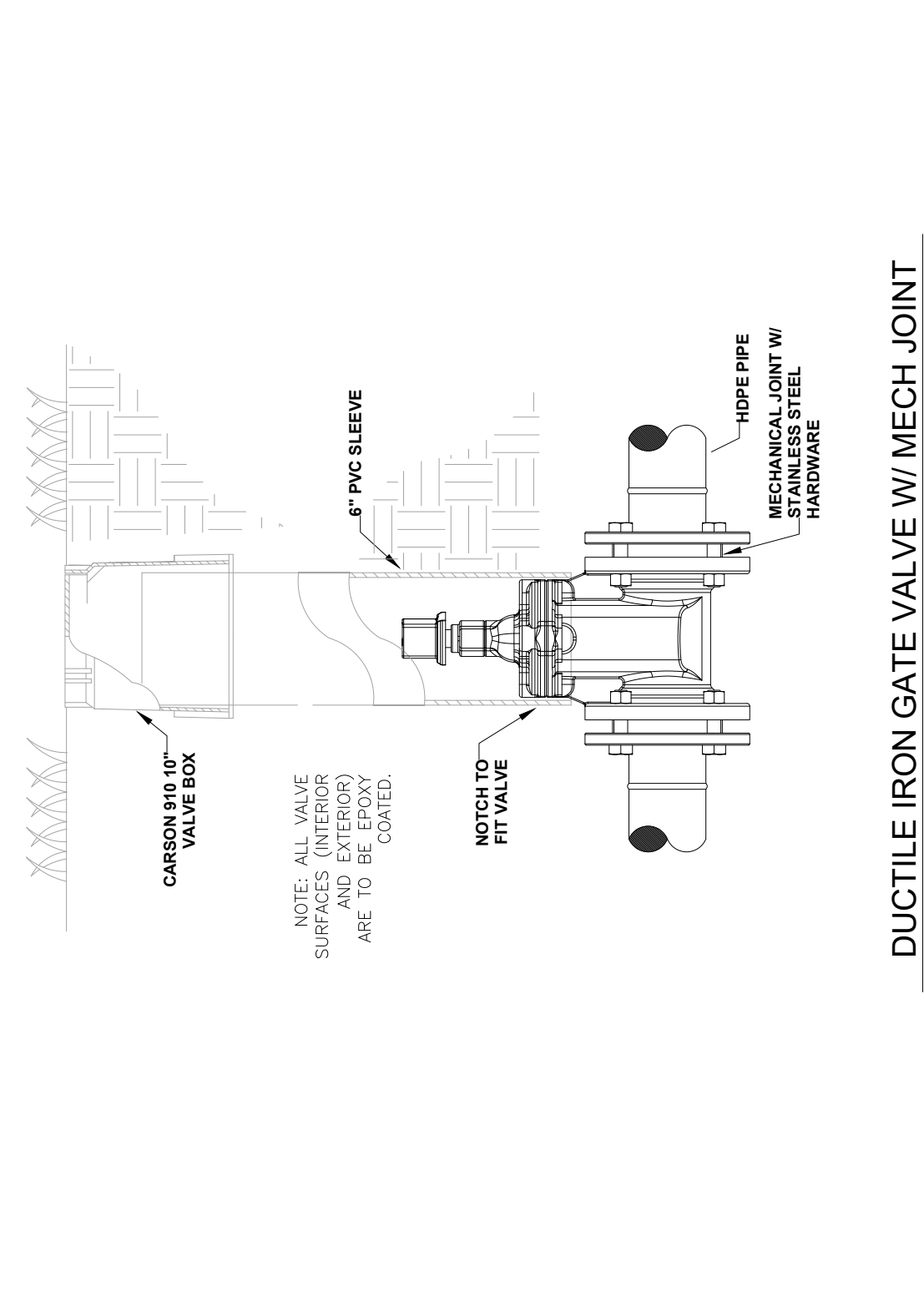
MIST HEAD
N.T.S.



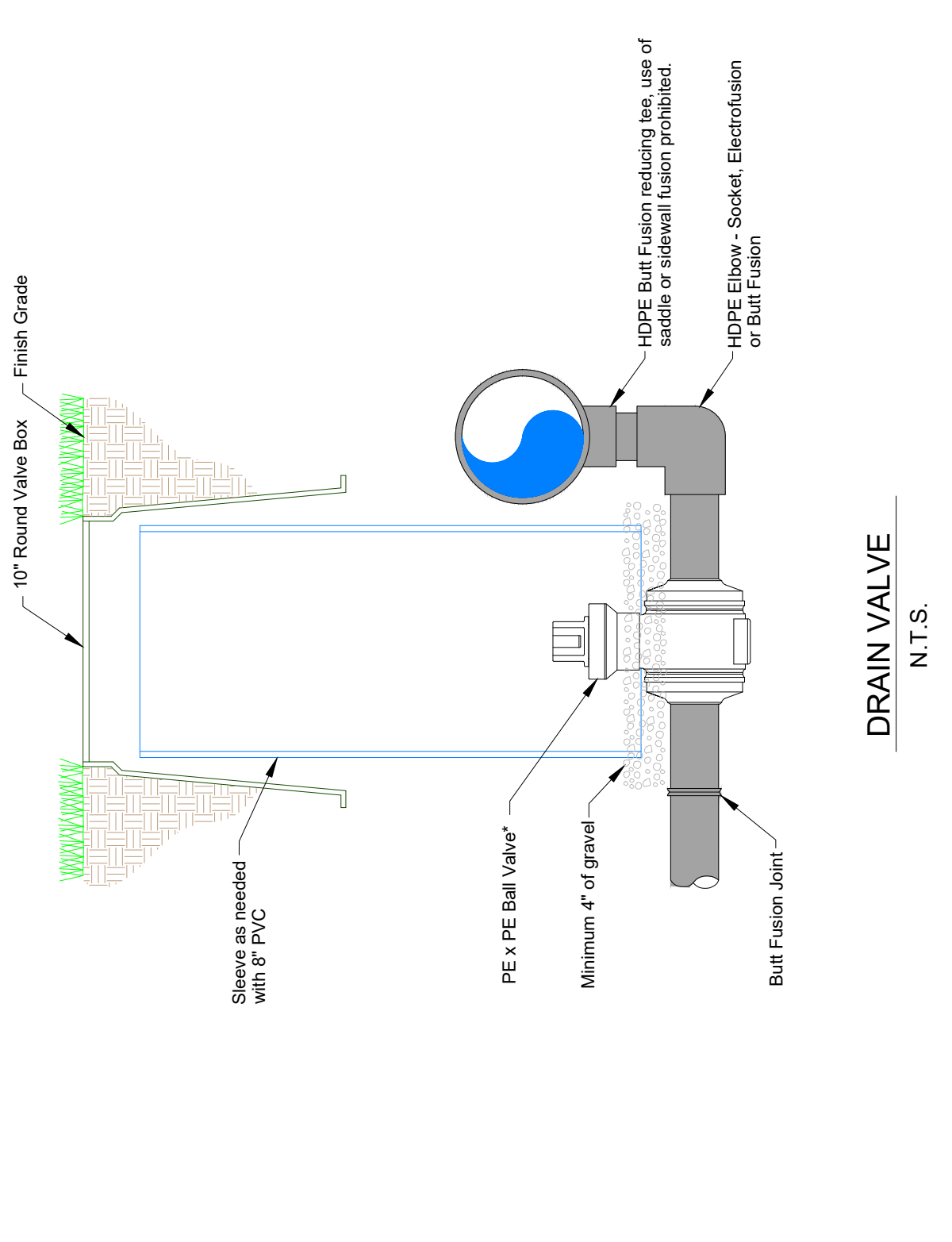
QUICK COUPLING VALVE DETAIL
N.T.S.



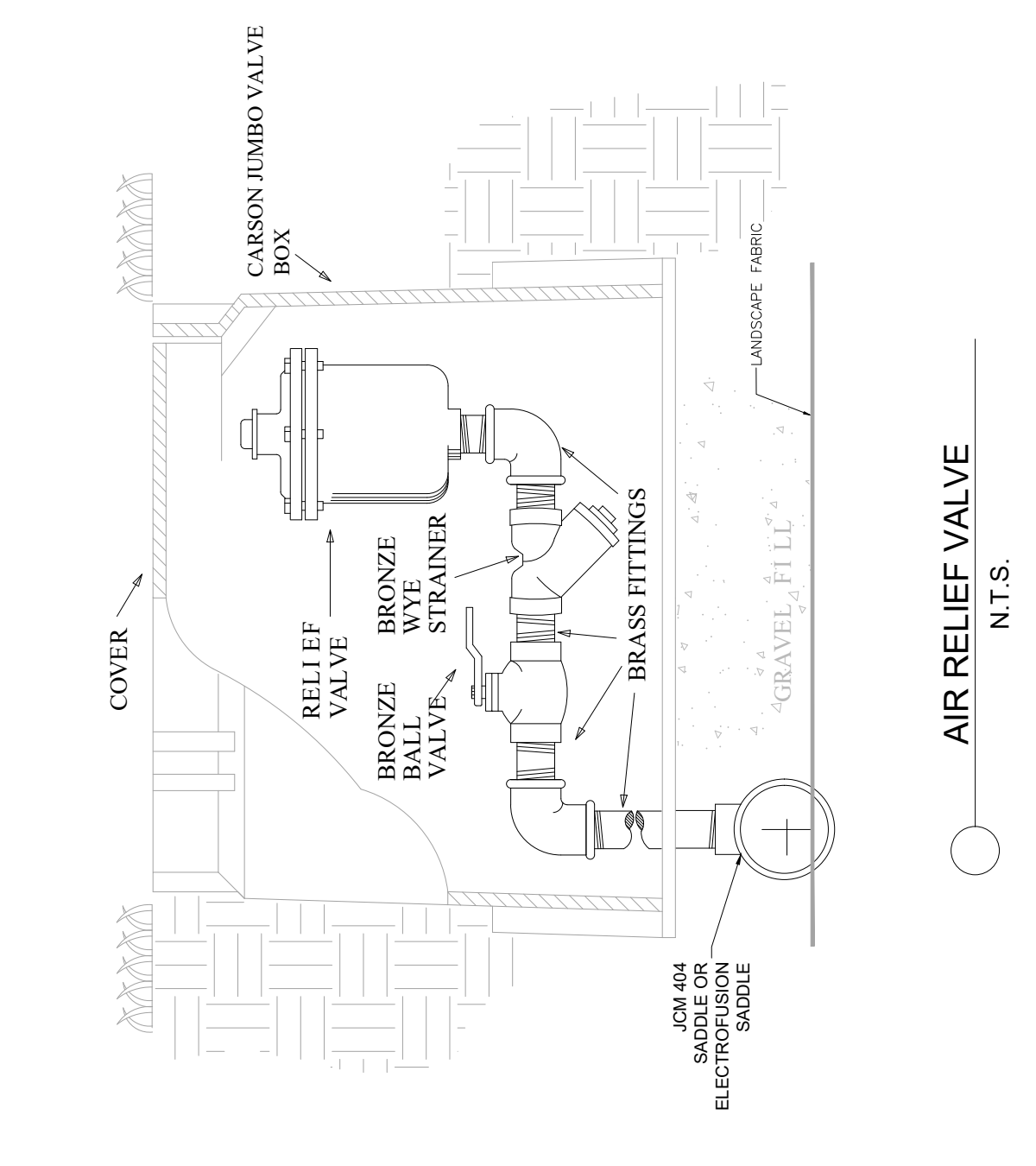
2' x 3' SWIVEL VALVE DETAIL
N.T.S.



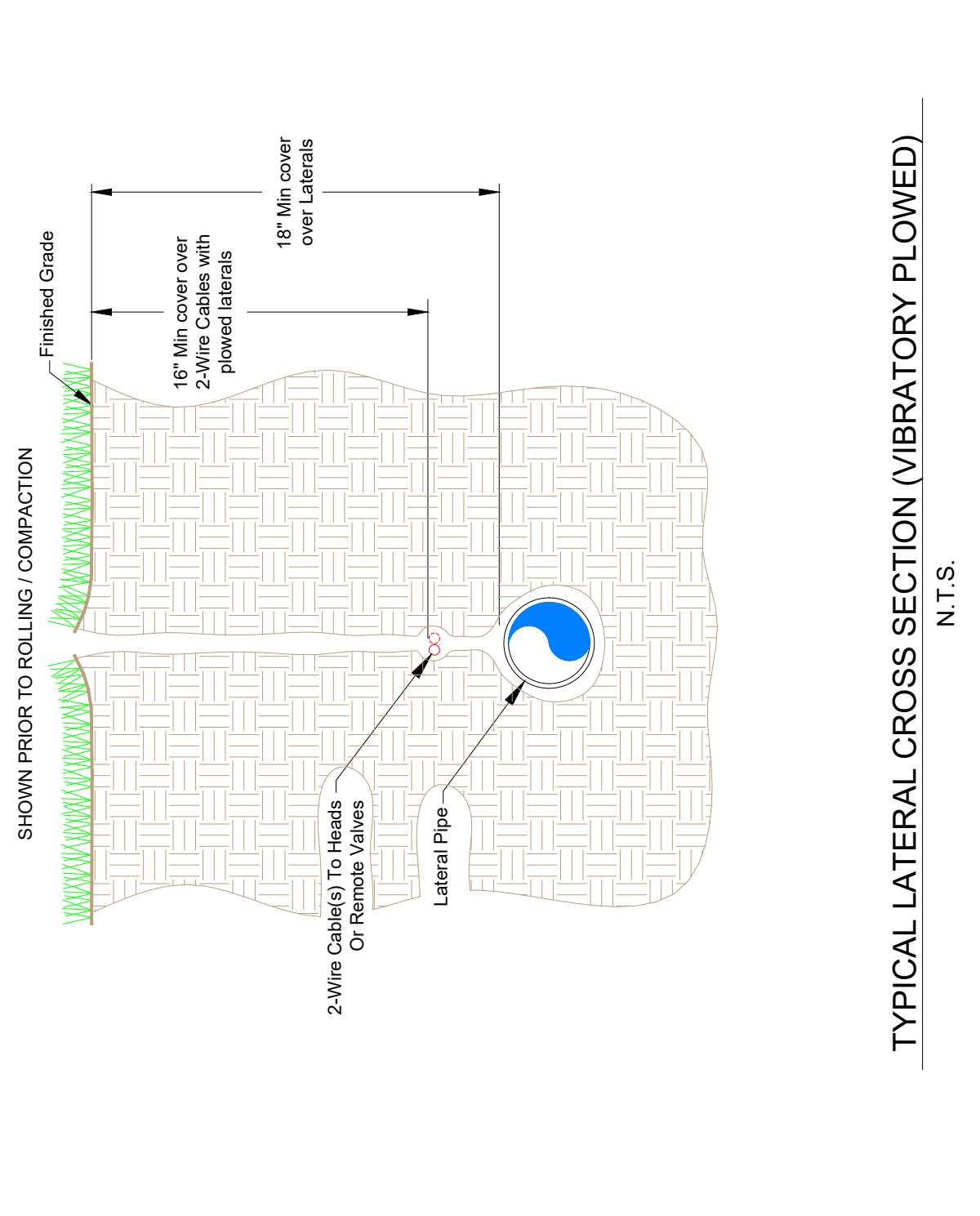
DUCTILE IRON GATE VALVE W/ MECH JOINT
N.T.S.



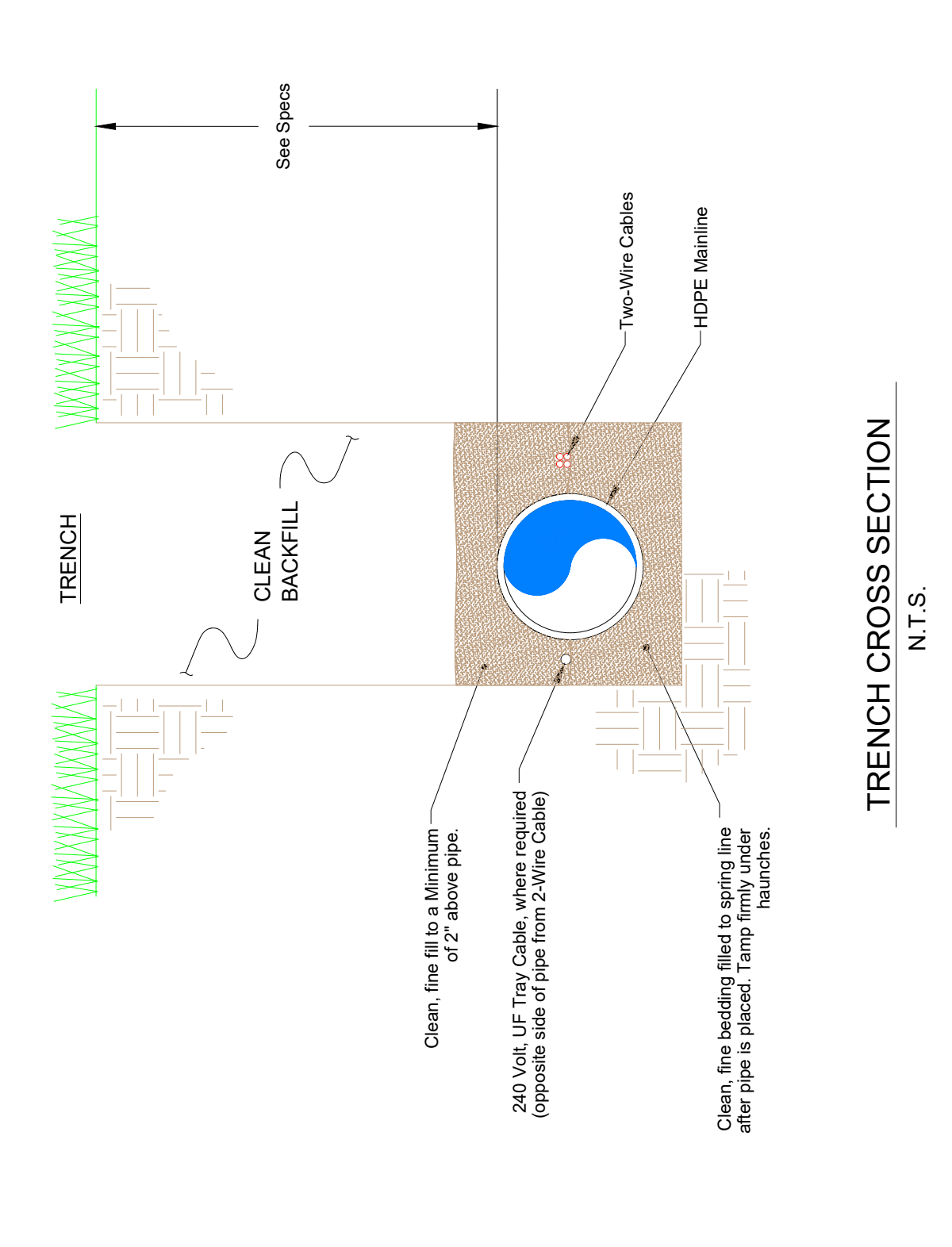
DRAIN VALVE
N.T.S.



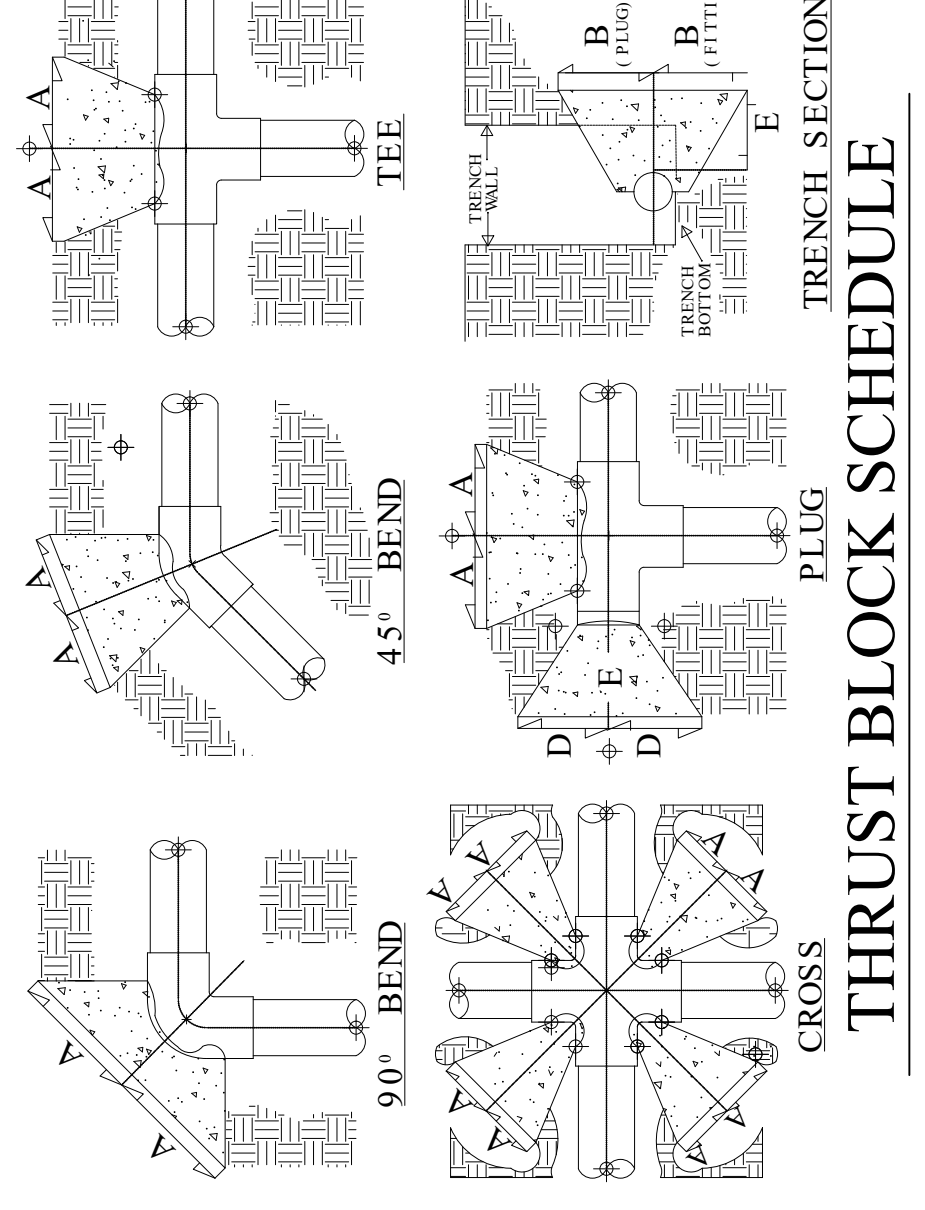
AIR RELIEF VALVE
N.T.S.



TYPICAL LATERAL CROSS SECTION (VIBRATORY PLOWED)
N.T.S.



TRENCH CROSS SECTION
N.T.S.



THRUST BLOCK SCHEDULE

PIPE SIZE	HOLD DIMENSIONS	150 P.S.I. TEST PRESSURE									
		90°		45°		22.5°		TEE		PLUG	
IN.	F. MIN.	A	B	A	A	A	A	A	D	E	
3	8	6	8	5	2	6	5	6	6	6	
4	10	7	10	6	3	7	6	7	7	8	
6	16	10	15	8	4	10	8	10	10	10	
8	20	14	18	10	5	14	10	14	14	12	
10	28	16	24	14	7	16	14	16	16	14	
12	30	20	26	16	8	20	16	20	20	20	

REVISIONS 2/28/25:
ADDED 100 BORE FOR
ADDITIONAL GROUNDING ON
HOLE 18, ADDED
ALTERNATE BORE
UNDER LAKE FOR 16"
PIPE
3/10/25: UPDATED
MODEL NUMBERS FOR
CENTRAL CONTROL IN
LEGENDS, ADDED
THRUST BLOCK DETAIL.