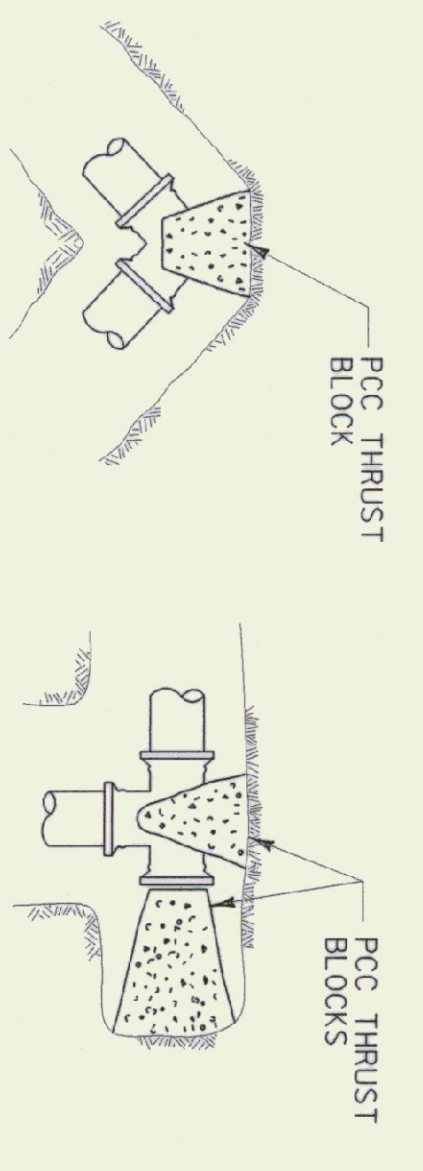


NOTE:
1. ALL MECHANICAL JOINT FITTINGS SHALL HAVE METALLOG RETAINER GLANDS.

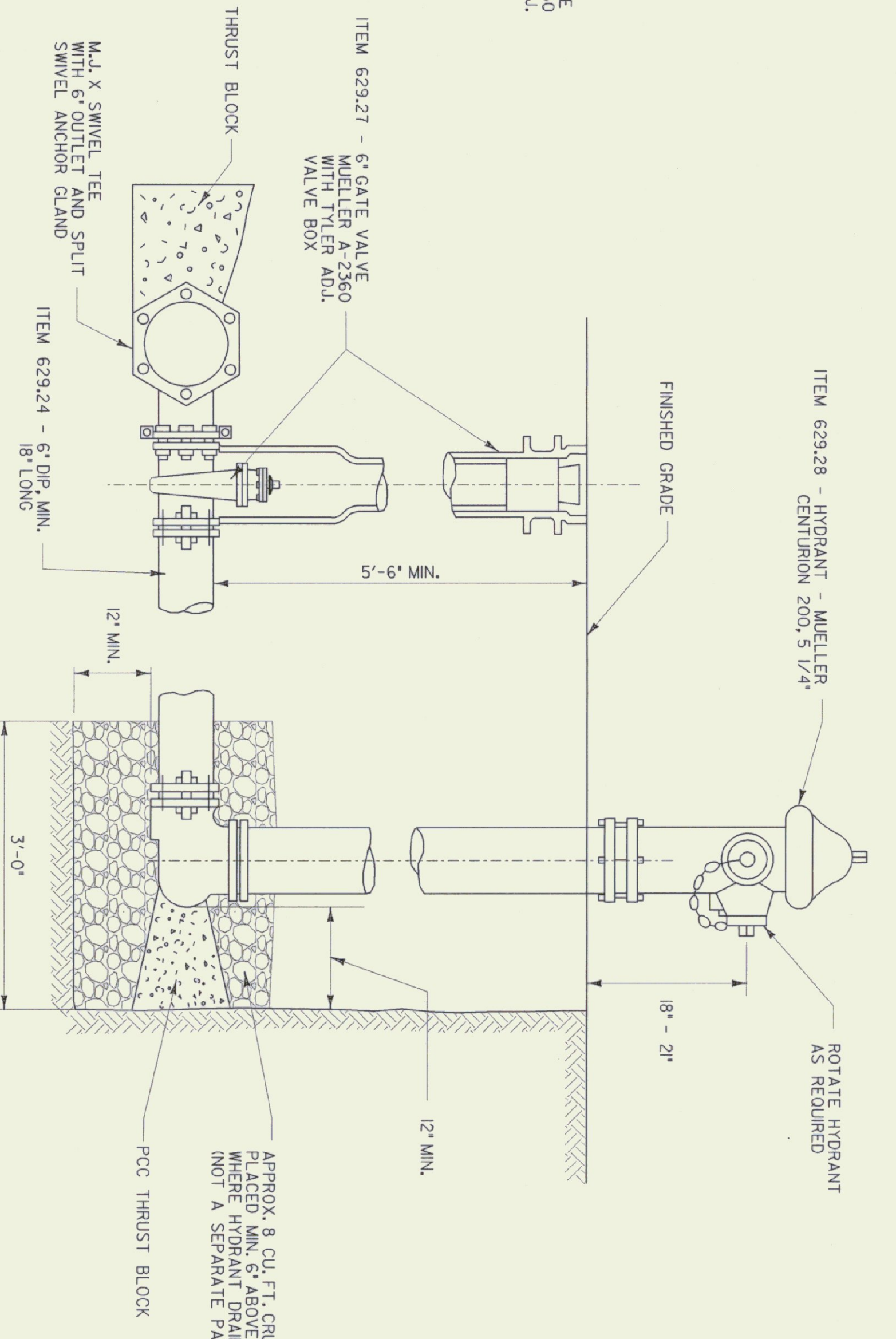
BURIED GATE VALVE DETAIL
N. T. S.



PIPE SIZE (IN)	SOFT WET CLAY, SAND OR SILT	DRY SAND	COMPACT COARSE SAND OR GRAVEL HARDPAN
8 OR LESS	15	5	4
10	24	8	6
12	34	11	8
16	60	20	15
20	94	31	24
24	136	45	34
8 OR LESS	1/4 BEND	7	5
10	33	11	8
12	48	16	12
16	85	28	21
20	133	44	33
24	192	64	48
8 OR LESS	1/8 BEND	4	3
10	18	6	5
12	26	9	7
16	46	15	12
20	72	24	18
24	104	35	26
8 OR LESS	1/16 BEND	2	2
10	6	2	2
12	9	3	3
16	13	4	4
20	20	6	6
24	31	9	9
24	53	18	13

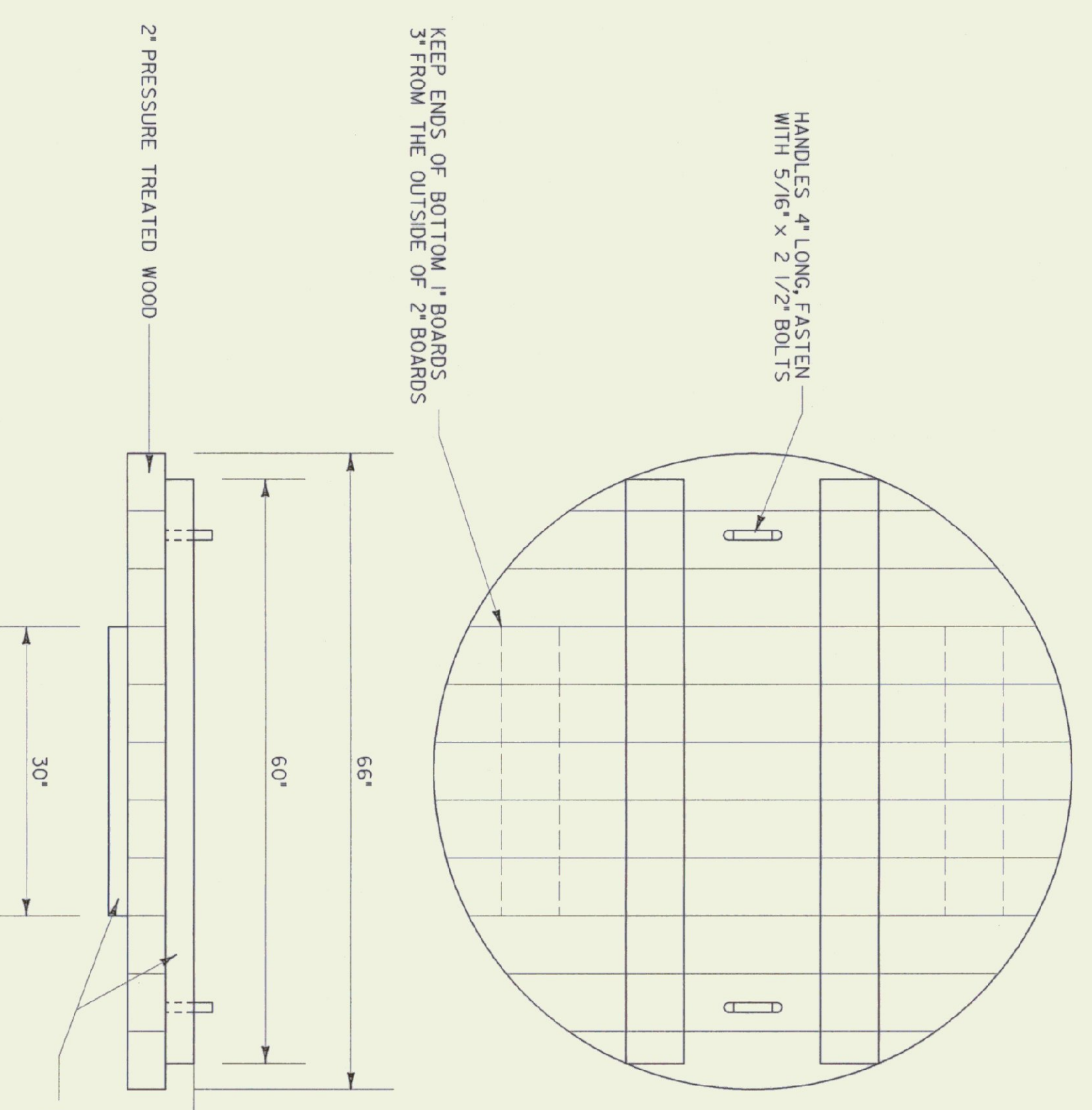
THRUST BLOCK TABLE NOTES

1. FIGURES BASED ON 300 PSI.
2. FOR PIPE SIZES NOT LISTED USE NEXT LARGER PIPE SIZE.
3. WHEN MORE THAN ONE SOIL TYPE IS ENCOUNTERED, THE ONE WITH LEAST BEARING CAPACITY SHALL BE USED.
4. THRUST BLOCKS TO BE INSTALLED AT ALL DEAD ENDS, T/S AND BENDS IN WATERLINES.

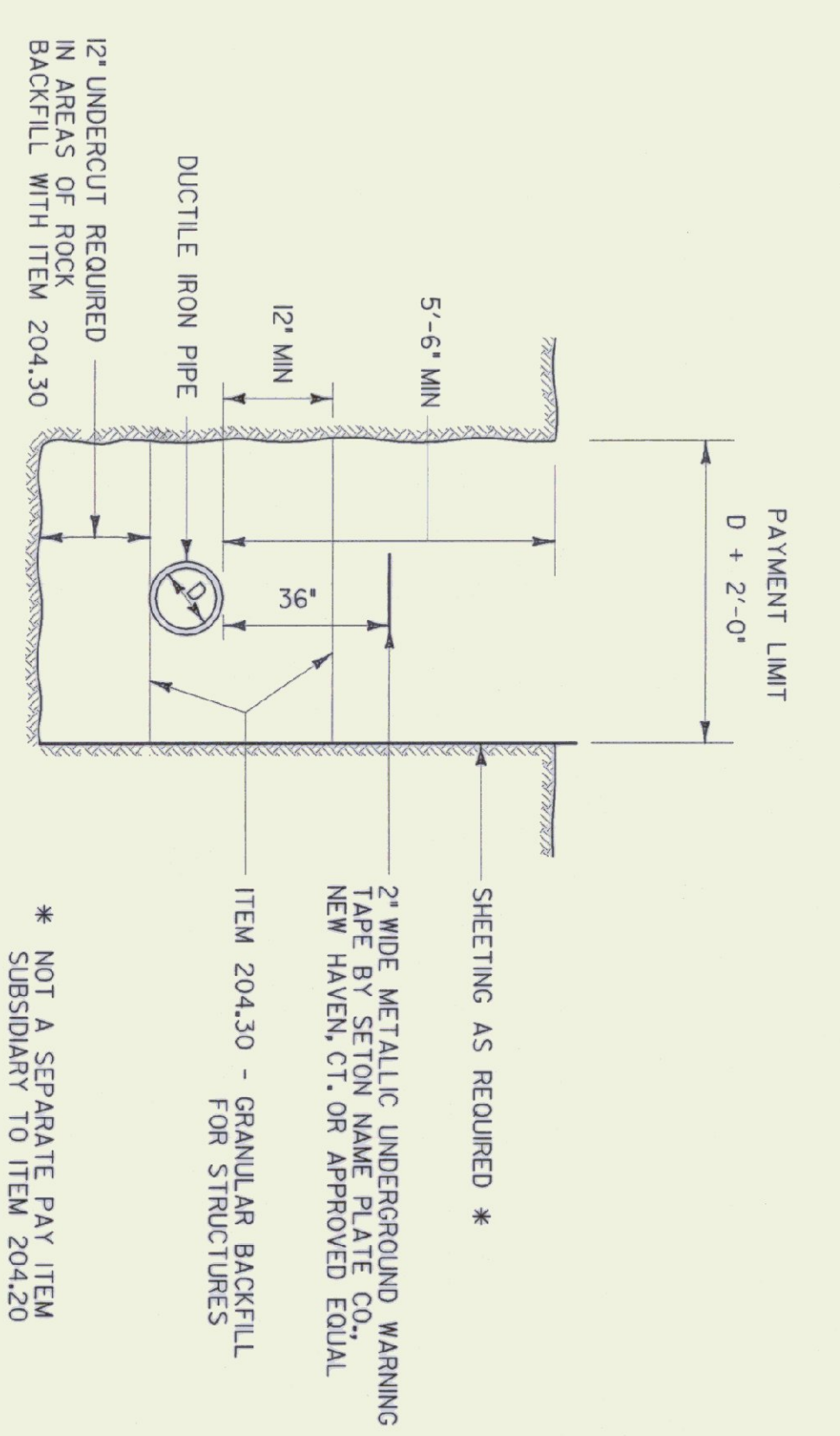


NOTES:
1. ALL MECHANICAL JOINT FITTINGS SHALL HAVE METALLOG RETAINER GLANDS.
2. BACKFILL HYDRANT AND VALVE BOX WITH PIPE ENVELOPE MATERIAL.
3. HYDRANTS MAY BE PURCHASED FROM THE TOWN OF MIDDLEBURY OR REPLACED IN KIND WITH PRIOR AGREEMENT OF THE TOWN.

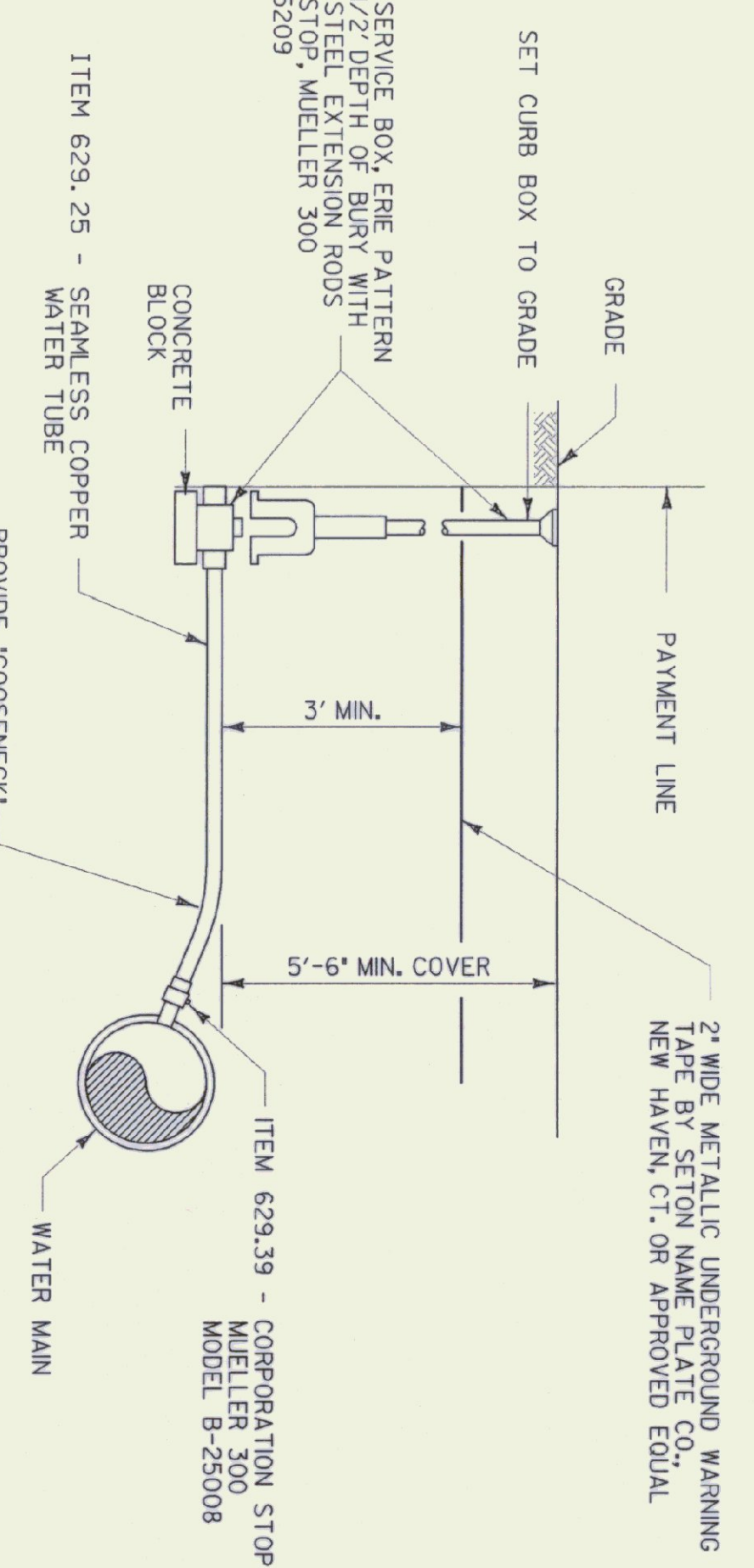
HYDRANT AND VALVE DETAIL
N. T. S.



WOOD COVER FOR METER PIT DETAIL
N. T. S.



DIP WATER MAIN TRENCH SECTION
N. T. S.



NOTES:
1. SERVICE CONNECTIONS TO BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. CURB STOPS TO BE MARKED WITH 2" X 4" POST, 4" IN THE GROUND AND 4" ABOVE GROUND. CONTRACTOR TO LOCATE ALL CURB STOPS ON AS BUILT DRAWINGS WITH 3 SWING TIES.
2. CORPORATION STOPS TO BE INSTALLED AT APPROXIMATELY 2:00 OR 10:00 O'CLOCK POSITION ON THE WATER MAIN WITH CC AWMA TAPER THREAD.
3. 'STRAP' TYPE SADDLES SHALL BE USED ON WATER MAINS WHERE SERVICE CONNECTION IS LARGER THAN 1".
4. SERVICE PIPE SHALL BE TYPE 'K' COPPER TUBING MEETING THE REQUIREMENTS OF ITEM 629.25. ALL PIPE SHALL BE BEDDED IN SAND A MINIMUM OF 8" ALL AROUND.
5. CURB STOP AND BOX TO BE BACKFILLED WITH SAND TO FINISHED GRADE, MIN. 12" ALL AROUND BOX. (NOT A SEPARATE PAY ITEM)

TYPICAL SERVICE CONNECTION
N. T. S.