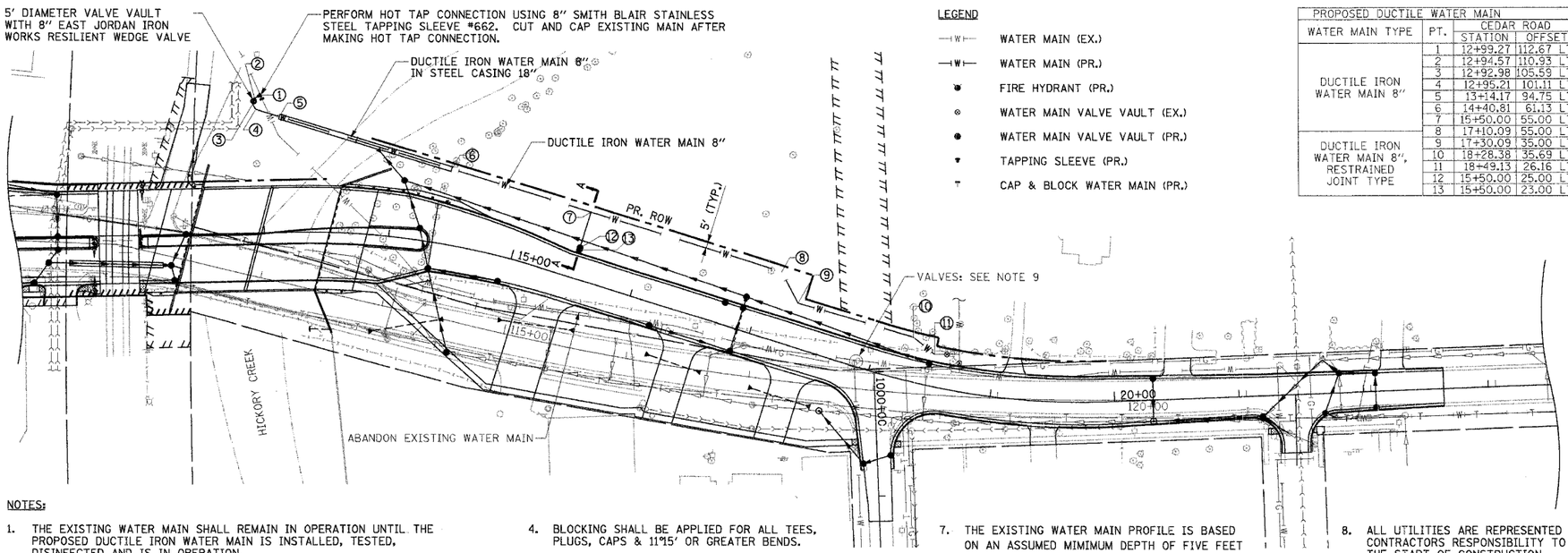
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	87-00025-00-BR	WILL	156	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO: 83757

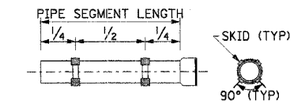


LEGEND

- WATER MAIN (EX.)
- WATER MAIN (PR.)
- FIRE HYDRANT (PR.)
- WATER MAIN VALVE VAULT (EX.)
- WATER MAIN VALVE VAULT (PR.)
- TAPPING SLEEVE (PR.)
- CAP & BLOCK WATER MAIN (PR.)

PROPOSED DUCTILE WATER MAIN

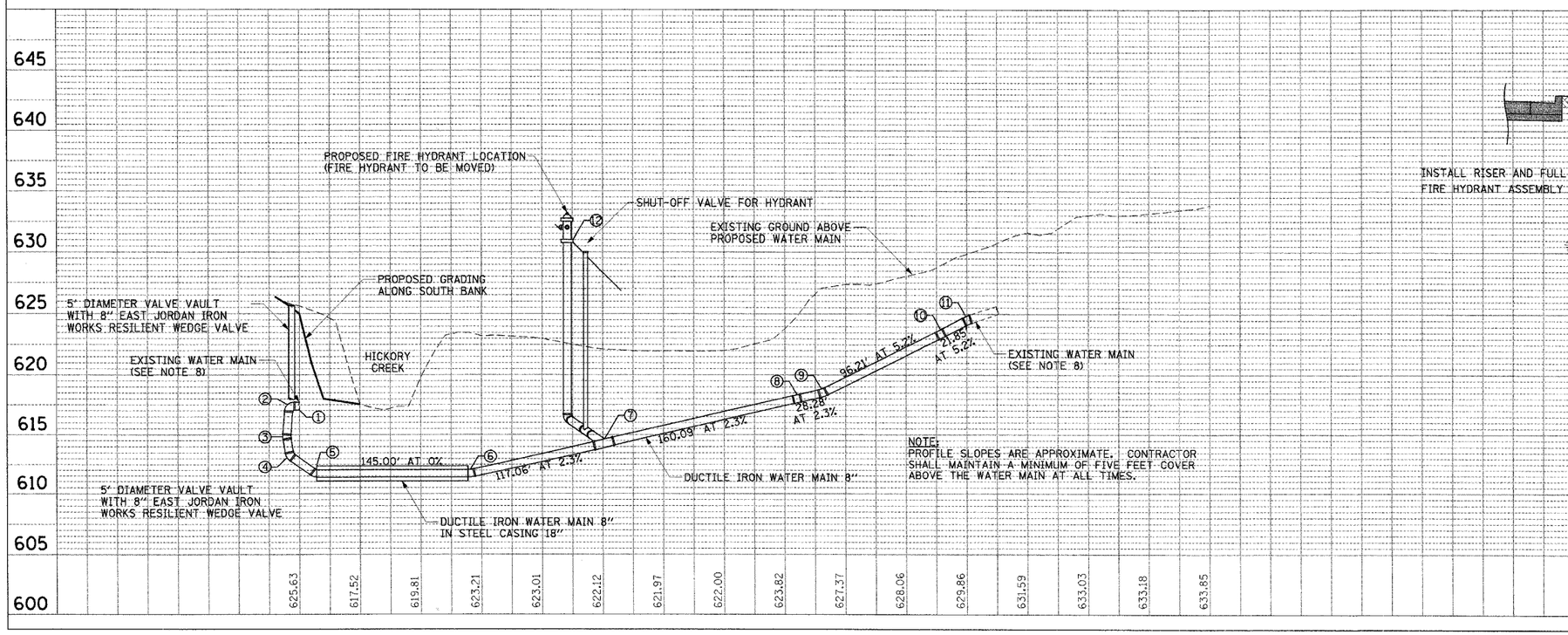
WATER MAIN TYPE	PT.	CEDAR ROAD STATION	CEDAR ROAD OFFSET	ELBOW ANGLE
DUCTILE IRON WATER MAIN 8"	1	12+99.27	112.67 LT	90°
	2	12+94.57	110.93 LT	45°
	3	12+92.98	105.59 LT	45°
	4	12+95.21	101.11 LT	45°
	5	13+14.17	94.75 LT	0°
	6	14+40.81	61.13 LT	0°
	7	15+50.00	55.00 LT	90°
DUCTILE IRON WATER MAIN 8", RESTRAINED JOINT TYPE	8	17+10.09	55.00 LT	45°
	9	17+30.09	35.00 LT	45°
	10	18+28.38	35.69 LT	22.5°
	11	18+49.13	26.16 LT	APX. 45°
	12	15+50.00	25.00 LT	-
	13	15+50.00	23.00 LT	-



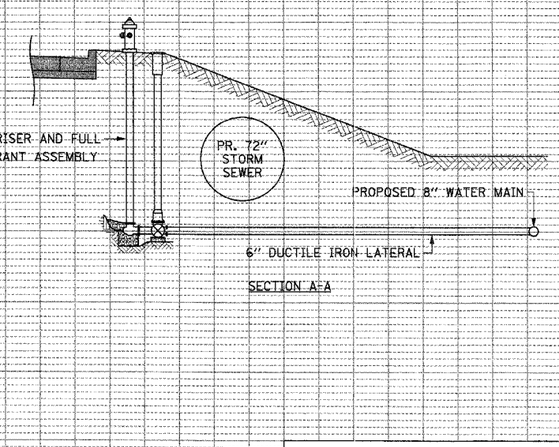
PIPE CASING SKIDS DETAIL
SEE NOTE 5, N.T.S.

NOTES:

1. THE EXISTING WATER MAIN SHALL REMAIN IN OPERATION UNTIL THE PROPOSED DUCTILE IRON WATER MAIN IS INSTALLED, TESTED, DISINFECTED AND IS IN OPERATION.
2. WATER MAIN WORKING PRESSURE IS 80 PSI.
3. THRUST BLOCK CONCRETE SHALL BE AT 2,500 PSI STRENTH AT 3 DAYS.
4. BLOCKING SHALL BE APPLIED FOR ALL TEES, PLUGS, CAPS & 11°15' OR GREATER BENDS.
5. COMMERCIAL CASTING SPACERS SHALL BE SIZED TO ALLOW CARRYING PIPE TO BE CENTERED IN THE CASING. LOCATE SKIDS AT THE INDICATED POINTS FOR EACH PIPE LENGTH.
6. RESTRAIN ALL JOINTS.
7. THE EXISTING WATER MAIN PROFILE IS BASED ON AN ASSUMED MIMIMUM DEPTH OF FIVE FEET BELOW EXISTING GROUND. THE CONTRACTOR SHALL VERIFY THE LOCATION AND THE ELEVATION OF THE EXISTING WATER MAIN PRIOR TO BEGINNING WORK ON THE PROPOSED WATER MAIN AND MAKE ANY NECESSARY ADJUSTMENTS TO THE PROPOSED WATER MAIN.
8. ALL UTILITIES ARE REPRESENTED BASED ON AVAILABLE INFORMATION. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
9. THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE PRIOR TO SHUTTING EXISTING VALVES TO ABANDON THE EXISTING WATER MAIN.



NOTE:
PROFILE SLOPES ARE APPROXIMATE. CONTRACTOR SHALL MAINTAIN A MINIMUM OF FIVE FEET COVER ABOVE THE WATER MAIN AT ALL TIMES.



REVISIONS	
NAME	DATE

VILLAGE OF NEW LENOX
F.A.U. (0369) CEDAR ROAD OVER HICKORY CREEK
WILL COUNTY

WATER MAIN RELOCATION PLAN

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE: 07/01/05

DRAWN BY: PFR
CHECKED BY: CJH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
202 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0600

PLAN	SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY PLOTTED / CADD FILE NAME	NOTE BOOK NO.	BY	DATE

PROFILE	SURVEYED / PLOTTED / GRADES CHECKED / RT. OF WAY PLOTTED / STRUCTURE NOTATIONS CHKD	NOTE BOOK NO.	BY	DATE

...\REWORKV.DGN, ...\DRAGONRM.DGN, ...\TTR01NEZ.DGN, ...\ALTON14.DGN, ...\DRAGONR..DGN, ...\TP00NKS.DGN, ...\ROWOONKF.DGN, ...\PRFOONELR.DGN, ...\SJRGONKGLD.DGN
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