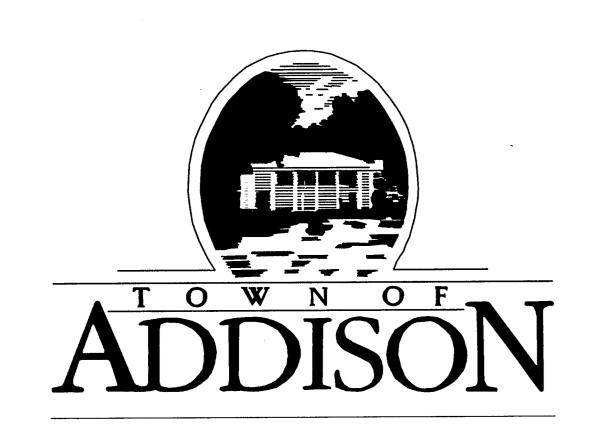
TOWN OF ADDISON, TEXAS

CONSTRUCTION PLANS FOR

WRIGHT BROTHERS / WILEY POST WATER LINE REPLACEMENT ADDISON, TEXAS



MAYOR

R. SCOTT WHEELER

MAYOR PRO-TEM

CATHY WAYS

DEPUTY MAYOR PRO-TEM

BOB BARRETT

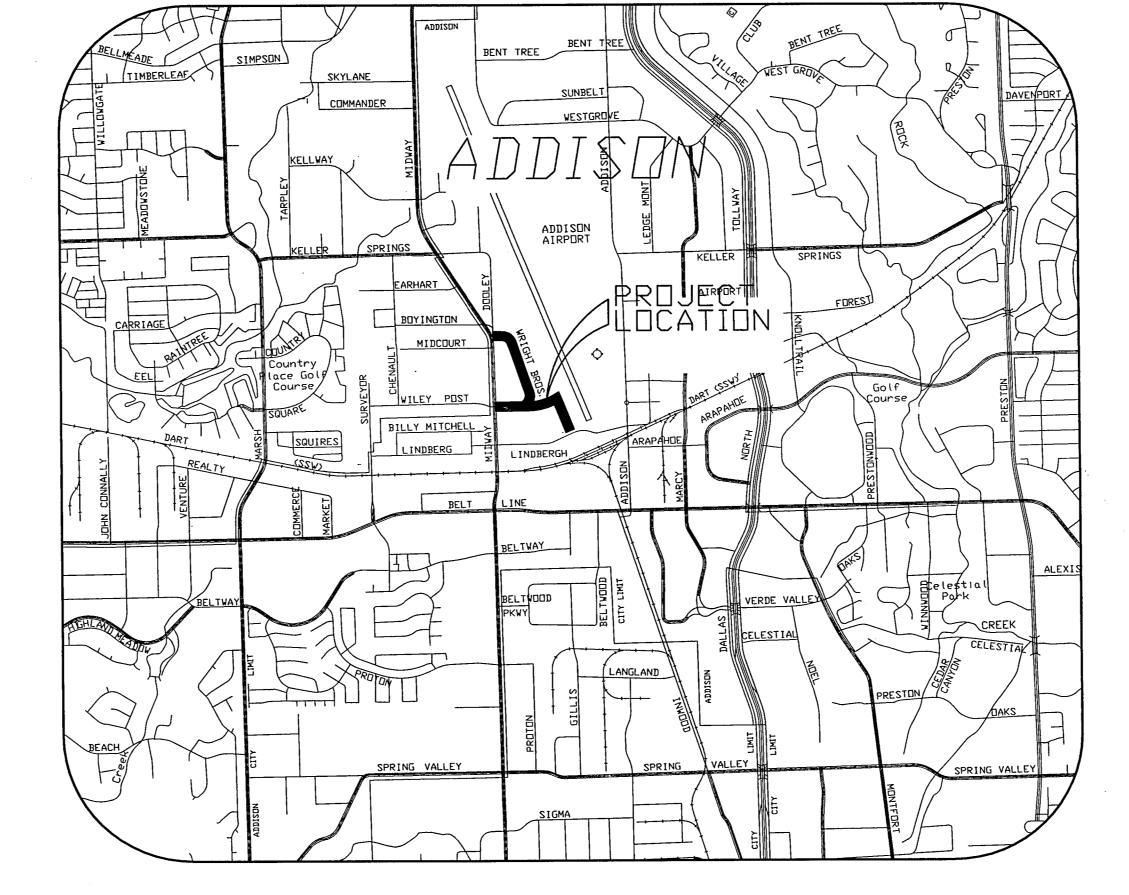
COUNCIL MEMBERS

DIANE MALLORY **GLYNDA TURNER** JOE CHOW FREDERICK M. SILVER

CITY MANAGER RON WHITEHEAD

PUBLIC WORKS DIRECTOR

MICHAEL MURPHY, P.E.



LOCATION MAP

JULY 2002



TEAGUE NALL AND PERKINS CONSULTING ENGINEERS

SHEET INDEX **DESCRIPTION COVER SHEET** GENERAL NOTES & LEGEND

WATER LINE PLAN - WRIGHT BROTHERS STA. 0+00.00 TO STA. 5+00.00

WATER LINE PLAN - WRIGHT BROTHERS

WATER LINE PLAN - WRIGHT BROTHERS STA. 10+00.00 TO STA. 15+00.00

STA. 0+00.00 TO STA. 5+00.00

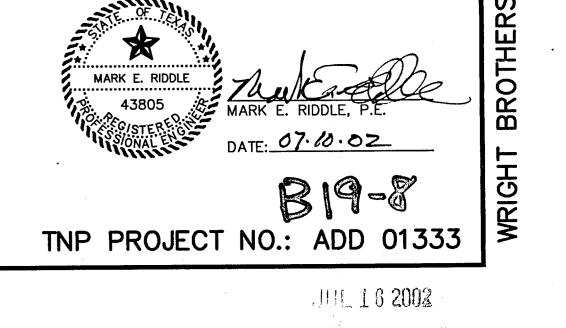
STA. 5+00.00 TO STA. 10+00.00

WATER LINE PLAN - WILEY POST STA. 10+00.00 TO STA. 15+00.00 WATER LINE PLAN - WILEY POST

STA. 15+00.00 TO STA. 18+84.98 MISCELLANEOUS DETAILS 1

MISCELLANEOUS DETAILS 2

Const. mark-up



CONTRACTOR SHALL USE EXTREME CAUTION IN LOCATING AND PROTECTING ALL UTILITY SERVICE LINES.

UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE & FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT PRECLUDE THE EXISTENCE OF OTHER UNDERGROUND FACILITIES WHICH ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS TO ARRANGE FOR EXACT LOCATIONS AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

<u>UTILITY</u> ONCOR WORLDCOM/MCI TELE-CABLE DIG-TESS SOUTHWESTERN BELL TELEPHONE TELEPHONE (214) 875-2256 (972) 656-5519 *(214) 578–7573* 1*–800–344–8377* (214) 920-0189 (972) 907-4073

THE CONTRACTOR SHALL MAINTAIN EXISTING SERVICES AND EXISTING WATER MAINS THROUGHOUT CONSTRUCTION. AFTER THE PROPOSED WATER MAIN HAS BEEN TESTED AND APPROVED BY THE ENGINEER, THE CONTRACTOR SHALL TRANSFER ALL EXISTING METERED SERVICES. NO SERVICE SHALL BE DISRUPTED FOR A PERIOD LONGER THAN SIX (6) HOURS. ALL SERVICES SHALL BE 2" UNLESS OTHERWISE NOTED ON THE PLANS.

THE ENGINEER WILL PROVIDE ON THE PLANS HORIZONTAL CONTROL IN THE FORM OF GRID REFERENCE POINTS AND/OR BEARINGS AND DISTANCES AND VERTICAL CONTROL IN THE FORM OF BENCHMARKS. FROM THE CONTROLS PROVIDED ON THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE LAYOUT OF THE WORK AND FOR ESTABLISHING LINES AND ELEVATIONS AS NEEDED DURING CONSTRUCTION. THE CONTRACTOR SHALL FURNISH AT HIS OWN EXPENSE LABOR, INCLUDING THE SERVICES OF COMPETENT PERSONNEL. EQUIPMENT. INCLUDING ACCURATE SURVEYING INSTRUMENTS, STAKES, TEMPLATES, PLATFORMS, TOOLS, AND MATERIALS AS MAY BE REQUIRED FOR LAYING OUT ANY AND ALL PARTS OF THE WORK. ALL WORK ASSOCIATED WITH CONSTRUCTION LAYOUT SHALL BE SUBSIDIARY TO THE VARIOUS CONSTRUCTION PAY ITEMS IN THE CONTRACT.

THE CONTRACTOR SHALL PRESERVE ALL EXISTING PAVEMENT, SHOULDERS, DRIVEWAYS AND SIDEWALKS. THE REMOVAL AND REPLACEMENT OF THE SAID ITEMS SHALL ONLY BE DEEMED NECESSARY IN ORDER TO COMPLETE THE PROJECT OR AS DIRECTED BY THE ENGINEER. ANY DAMAGE NOT DEEMED NECESSARY BY THE ENGINEER FOR THE COMPLETION OF SAID PROJECT SHALL BE REPLACED TO EQUAL OR BETTER CONDITIONS AS A NON-PAY ITEM.

THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITY POLES, LIGHT POLES, SIGNALS, AND GUY WIRES. (NO SEPARATE PAY ITEM)

THE CONTRACTOR SHALL PRESERVE ALL TREES, SHRUBS, SPRINKLER SYSTEMS, FENCES, MAIL BOXES AND OTHER PROPERTY OWNER IMPROVEMENTS NOT NOTED FOR REMOVAL. THE REMOVAL AND/OR REPLACEMENT OF THE SAID PROPERTY OWNER IMPROVEMENTS BY THE CONTRACTOR DEEMED NECESSARY FOR THE COMPLETION OF SAID PROJECT SHALL BE REPLACED TO EQUAL OR BETTER CONDITIONS AS A NON-PAY ITEM UNLESS A PAY ITEM EXISTS FOR THE SPECIFIC IMPROVEMENT.

THE CONTRACTOR SHALL GIVE THE CITY, RESIDENTS, AND BUSINESSES AFFECTED BY ANTICIPATED WATER OR SEWER SERVICE DISRUPTIONS AT LEAST FORTY-EIGHT (48) HOURS PRIOR NOTICE.

DUCTILE IRON FITTINGS REQUIRED TO PROPERLY INSTALL THE PROPOSED WATER LINES ON THIS PROJECT SHALL BE MEASURED SEPARATELY, AND SHALL BE PAID FOR UNDER A SEPARATE PAY ITEM PER TON.

11. ALL EXISTING FIRE HYDRANTS WITHIN THE LIMITS OF THE PROJECT, SHALL BE SALVAGED AND DELIVERED TO THE TOWN OF ADDISON PUBLIC WORKS YARD AT 16801 WESTGROVE BY THE CONTRACTOR. (NO SEPERATE PAY ITEM)

12. ALL EXISTING WATER VALVES SHALL BE ABANDONED ON ALL KILLED WATER MAINS PER VALVE ABANDONMENT DETAIL. VALVE COVERS AND CAPS SHALL BE SALVAGED AND DELIVERED TO THE TOWN OF ADDISON PUBLIC WORKS YARD. WATER MAINS TO BE ABANDONED SHALL BE CUT. CAPPED, AND BLOCKED WITH CONCRETE AT ALL ENDS AND/OR FITTINGS.

13. THE PROPOSED WATER MAIN SHALL HAVE A MINIMUM COVER OF FOUR (4') FEET MEASURED FROM THE TOP OF THE EXISTING CURB OR FROM THE TOP OF THE EXISTING GROUND TO THE TOP OF THE PROPOSED PIPE, WHICHEVER IS GREATER, OR AS DIRECTED BY THE ENGINEER.

14. THE CONTRACTOR SHALL CENTER A FULL 20-FOOT LONG JOINT OF THE PROPOSED PIPE AT A STORM SEWER CROSSING IF THE PROPOSED PIPE MUST PASS UNDER THE STORM SEWER.

15. WHERE PROPOSED OR EXISTING WATER LINES CROSS PROPOSED OR EXISTING SANITARY SEWER LINES: 1) THE SANITARY SEWER MAIN SHOULD BE EITHER CONCRETE ENCASED; OR 2) A FULL 20-FOOT LONG JOINT OF PIPE SHALL BE CENTERED AT THE CROSSING AND A 2-FOOT VERTICAL CLEARANCE BE MAINTAINED.

16. ALL DUCTILE IRON FITTINGS SHALL BE POLYWRAPPED.

17. THE CONTRACTOR SHALL MAINTAIN FIRE EMERGENCY VEHICLE ACCESS TO FIRE HYDRANTS THROUGHOUT CONSTRUCTION.

18. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE DRIVEWAY OPENING FOR INGRESS/EGRESS OF VEHICULAR TRAFFIC TO/FROM PRIVATE PROPERTY THROUGHOUT 19. IRRIGATION AND SPRINKLER SYSTEM NOTES (SEE TOWN OF ADDISON SPECIFICATIONS):

A) THE CONTRACTOR SHALL HIRE A LICENSED IRRIGATOR AS A SUBCONTRACTOR TO OVERSEE ALL ACTIVITIES THAT IMPACT EXISTING, OR PROPOSED IRRIGATION

B) PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES, EXISTING IRRIGATION SYSTEMS SHALL BE TURNED ON. THE LOCATION OF THE HEADS, VALVES, AND PIPE SHALL BE MARKED WHERE DEMOLITION OR CONSTRUCTION WILL IMPACT THE SYSTEM. DEFICIENCIES IN THE SYSTEM SHALL BE NOTED AND REPORTED TO THE SYSTEM OWNER. A PHOTOGRAPHIC OR VIDEO RECORD SHALL BE MADE IF APPROPRIATE.

C) PIPING SHALL BE CUT, CAPPED, AND MARKED AT THE LIMITS OF CONSTRUCTION.

D) AT THE COMPLETION OF CONSTRUCTION, THE LICENSED IRRIGATOR SHALL RESTORE AND TEST THE IRRIGATION SYSTEMS FOR PROPER FUNCTION. THE TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN OF ADDISON'S PUBLIC WORKS INSPECTOR, AND THE SYSTEM OWNERS.

20. CONTRACTOR SHALL CONFORM WITH THE "NORTH CENTRAL TEXAS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (NCTSSPWC) AND ALL TOWN OF ADDISON STANDARD CONSTRUCTION DETAILS.

ALL BENDS AND FIRE HYDRANTS SHALL INCLUDE RESTRAINED TYPE FITTINGS WITH RETAINER GLANDS IN ADDITION TO CONCRETE THRUST BLOCKING. ALL FIRE HYDRANTS SHALL BE INSTALLED PER STANDARD DETAILS. CONCRETE THRUST BLOCKING MAY BE ELIMINATED AT THE OWNER'S DISCRETION.

22. WATER MAINS SHALL BE AWWA C-909, CL 150.

23. ALL STREET AND DRIVEWAY PAVEMENT SHALL BE 8-INCH, 4000 PSI CONCRETE WITH #3 BARS ON 18-INCH (18") CENTERS BOTH WAYS.

24. ALL PORTIONS OF EXISTING DRIVEWAY THAT ARE TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. REMOVAL OF ANY CONCRETE THAT IS NOT SHOWN TO BE REMOVED SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE TOWN OF ADDISON.

25. ALL WATER SERVICE LINES THAT EXTEND ACROSS THE STREET SHALL BE BORED UNDERNEATH THE EXISTING PAVEMENT UNLESS OTHERWISE NOTED.

26. THE CONTRACTOR SHALL CONNECT ALL NEW SERVICE LINES TO THE NEW WATER METERS. (NO SEPARATE PAY ITEM)

27. THE CONTRACTOR SHALL INSTALL NEW WATER METERS ACCORDING TO THE PLANS. WATER METERS SHALL BE 5/8", 1", 1.5", OR 2".

28. AN APPROVED BACKFLOW PREVENTION ASSEMBLY SHALL BE INSTALLED, WHERE ONE DOES NOT CURRENTLY EXIST. ON ALL WATER SERVICES AFTER THE METER. LOCATED IN A SEPARATE BOX WITH A MINIMUM OF AN EIGHTEEN (18) INCH NIPPLE BETWEEN THE METER AND THE ASSEMBLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THE ASSEMBLY TESTED UPON INSTALLATION BY A CERTIFIED TESTER, REGISTERED WITH THE TOWN OF ADDISON. THE ORIGINAL TEST TEST SHALL BE PROVIDED TO THE TOWN OF ADDISON UTILITY DIVISION PRIOR TO FINAL CONTINUOUS CONNECTION TO THE TOWN'S WATER SUPPLY. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE USC CERTIFIED.

29. ALL EXISTING BACKFLOW PREVENTION ASSEMBLIES SHALL BE TESTED BY A CERTIFIED TESTER. REGISTERED WITH THE TOWN OF ADDISON. TO MEET THE TOWN'S REQUIREMENTS. SHOULD THE BACKFLOW PREVENTION ASSEMBLY NOT MEET THE TOWN'S REQUIREMENTS, A NEW ASSEMBLY SHALL BE INSTALLED, COMPLETE IN PLACE.

30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING BACKFLOW PREVENTION ASSEMBLIES AT THE LOCATIONS SHOWN ON THE PLANS.

31. ALL CONCRETE PAVEMENT FOR REMOVAL WITHIN THE PROJECT LIMITS SHALL BE SAWCUT. ALL SAWCUTS SHALL BE FULL DEPTH. (NO SEPARATE PAY ITEM)

32. BEFORE THE NEWLY CONSTRUCTED WATER MAIN IS PERMITTED TO BE PLACED INTO SERVICE. IT SHALL BE PRESSURE TESTED, DISINFECTED AND TESTED FOR BACTERIA AT THE CONTRACTOR'S EXPENSE. TESTING IS TO BE ACCOMPLISHED BY A TOWN OF ADDISON APPROVED LAB. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DESINFECTION AND TESTING.

33. STAGING AND STORAGE FOR THIS PROJECT SHALL BE APPROVED BY THE TOWN OF ADDISON PRIOR TO ANY CONSTRUCTION ACTIVITY.

34. ALL NEW DUMMY AND EXPANSION JOINTS SHALL MATCH EXISTING JOINT LOCATIONS.

CONTRACTOR SHALL VIDEO TAPE THE SITE IN ITS ENTIRETY PRIOR TO ANY CONSTRUCTION AND PROVIDE A COPY TO THE TOWN. (NO SEPARATE PAY ITEM)

CONTRACTOR SHALL SUPPLY AS-BUILT DRAWINGS TO THE TOWN OF ADDISON. DIMENSIONS AND LENGTH OF PIPE FROM BENDS AND VALVES SHALL BE LISTED.

SYMBOL LEGEND

EXISTING		PROPOSED
\wedge	SURVEY CONTROL POINT	
	MAILBOX	
0	S.S. CLEAN OUT	
_	S.S. MANHOLE	
— 8"-W—	WATER LINE •	
	WATER SERVICE -	
8"-55	SANITARY SEWER LINE	
	STORM DRAIN LINE	
OHE	OVERHEAD ELECTRIC	
<u> </u>	GAS LINE	
-6-	FIRE HYDRANT	
G	GAS METER	
۴ ۵۶	GUY WIRE	
03/8	GAS METER GUY WIRE IRON ROD FOUND	
- \$	LIGHT POLE	
	S.D. MANHOLE	
Ē	PULL BOX	
Ø	POWER POLE	
þ	SIGN	
⊠	SPRINKLER VALVE	
W	WATER METER	
8	WATER VALVE	T
	BACKFLOW PREVENTOR	
R"AEH	TREE	
68	SHRUB	
XXXX	FENCE	
777777	BUILDING	
	CONC. REMOVAL AND R	EPLACEMENT
	HMAC REMOVAL AND RE	PLACEMENT
	BORING FOR WATER LINE	Ε
T/C =	TOP OF CURB ELEV.	

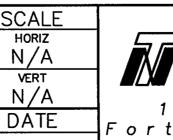
F/L = FLOW LINE ELEV.

MH = MANHOLE

CO = CLEANOUT

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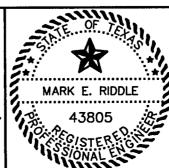
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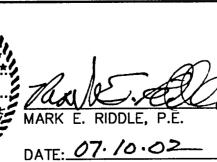




1100 Macon Street ort Worth, Texas 76102 (817) 336 - 5773

E N G I N E E R S 2001 West Irving Blvd. Irving, Texas 75061 (972)254-1765



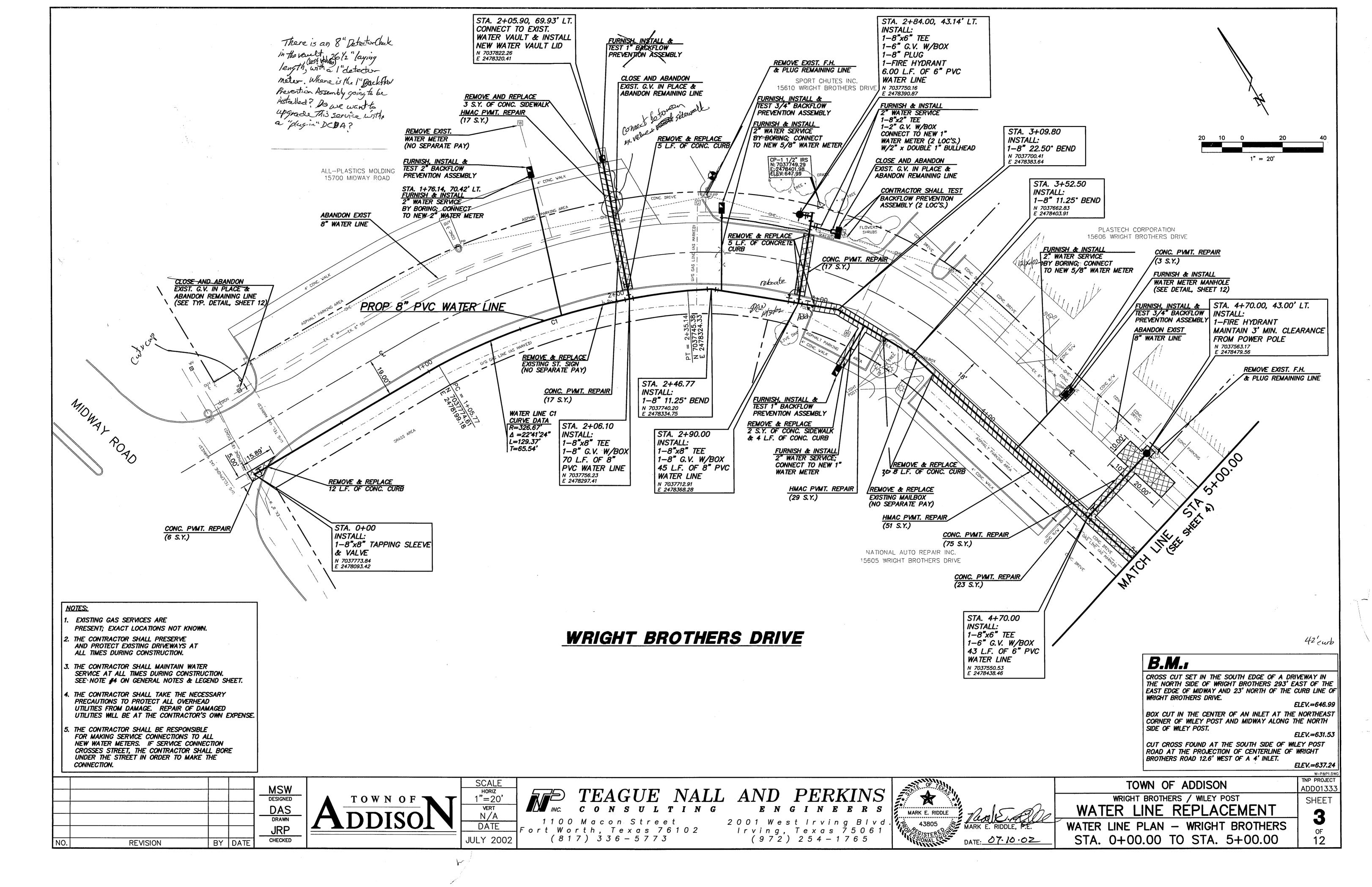


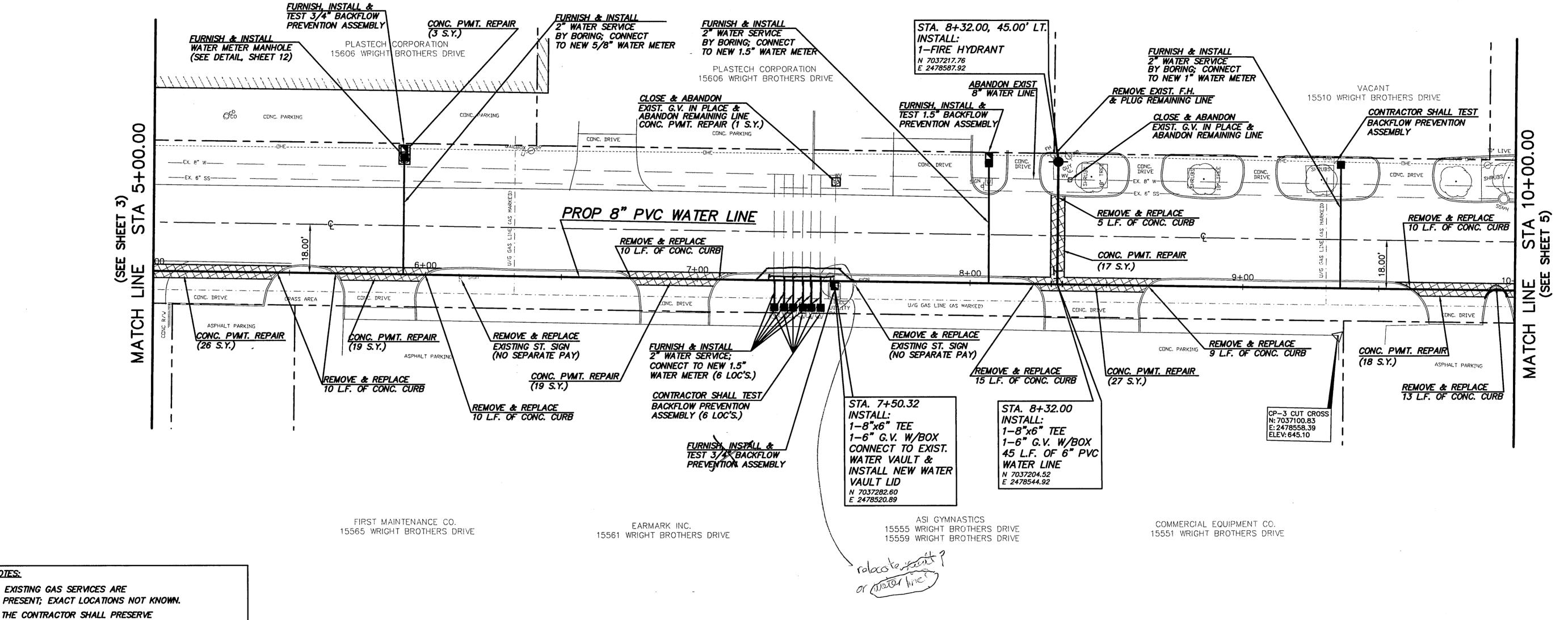
TOWN OF ADDISON WRIGHT BROTHERS / WILEY POST WATER LINE REPLACEMENT

GENERAL NOTES & LEGEND

TNP PROJECT ADD0133 SHEET 2 OF

12





- EXISTING GAS SERVICES ARE
- THE CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING DRIVEWAYS AT ALL TIMES DURING CONSTRUCTION.
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WRIGHT BROTHERS DRIVE

B.M.:

CROSS CUT SET IN THE SOUTH EDGE OF A DRIVEWAY IN THE NORTH SIDE OF WRIGHT BROTHERS 293' EAST OF THE EAST EDGE OF MIDWAY AND 23' NORTH OF THE CURB LINE OF WRIGHT BROTHERS DRIVE. ELEV.=646.99

BOX CUT IN THE CENTER OF AN INLET AT THE NORTHEAST

CORNER OF WILEY POST AND MIDWAY ALONG THE NORTH SIDE OF WILEY POST.

CUT CROSS FOUND AT THE SOUTH SIDE OF WILEY POST ROAD AT THE PROJECTION OF CENTERLINE OF WRIGHT BROTHERS ROAD 12.6' WEST

iT	OF	A	4'	INLET.	ELEV.=637.24
					W-P&P2.DWG

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MSW DESIGNED DAS JRP CHECKED

1"=20' VERT DATE JULY 2002



(817) 336 - 5773

E N G I N E E R S 2001 West Irving Blvd. Irving, Texas 75061 (972)254-1765



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TOWN OF ADDISON WRIGHT BROTHERS / WILEY POST WATER LINE REPLACEMENT WATER LINE PLAN - WRIGHT BROTHERS STA. 5+00.00 TO STA. 10+00.00

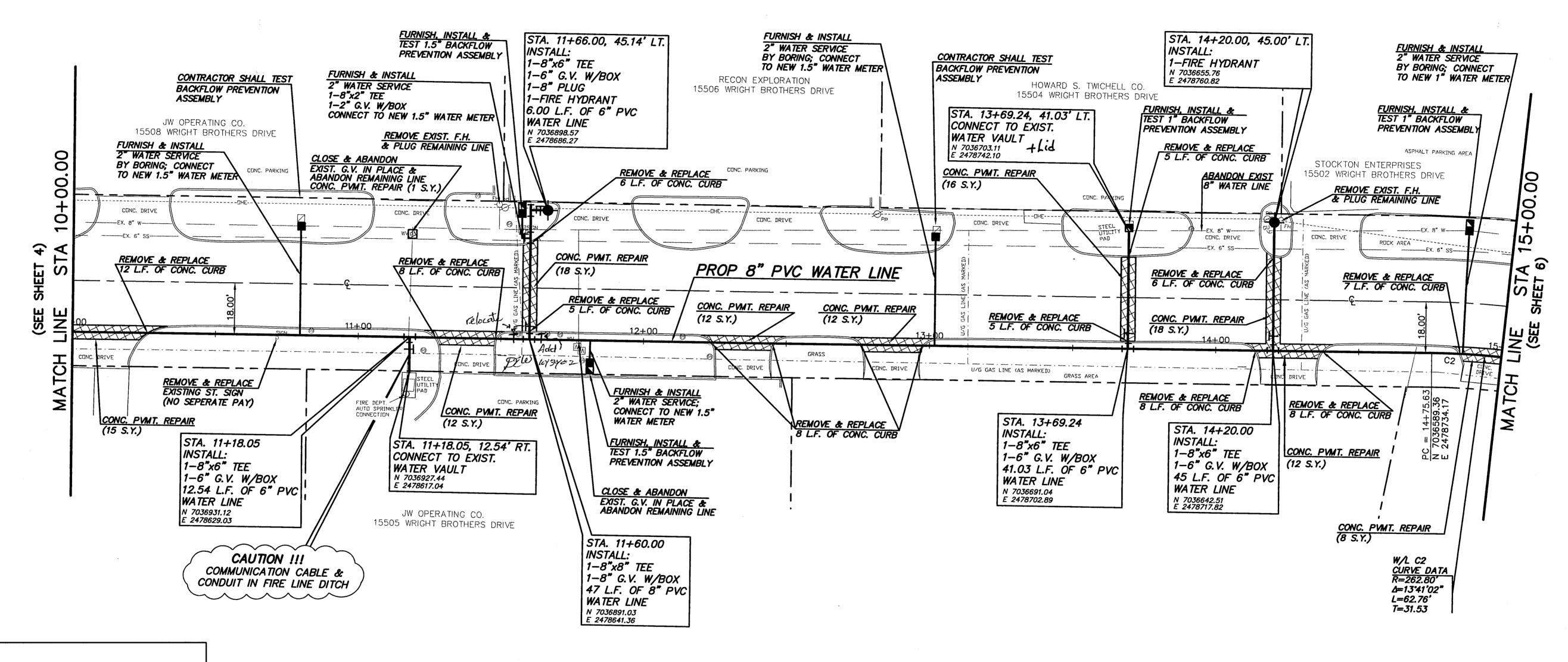
ADD01333 SHEET

ELEV.=631.53

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OF 12

TNP PROJECT



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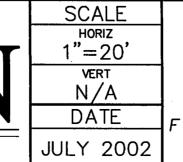
CUT CROSS FOUND AT THE SOUTH SIDE OF WILEY POST ROAD AT THE PROJECTION OF CENTERLINE OF WRIGHT BROTHERS ROAD 12.6' WEST OF A 4' INLET.

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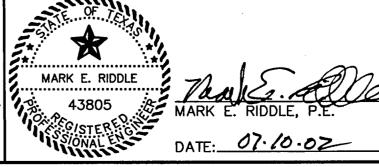




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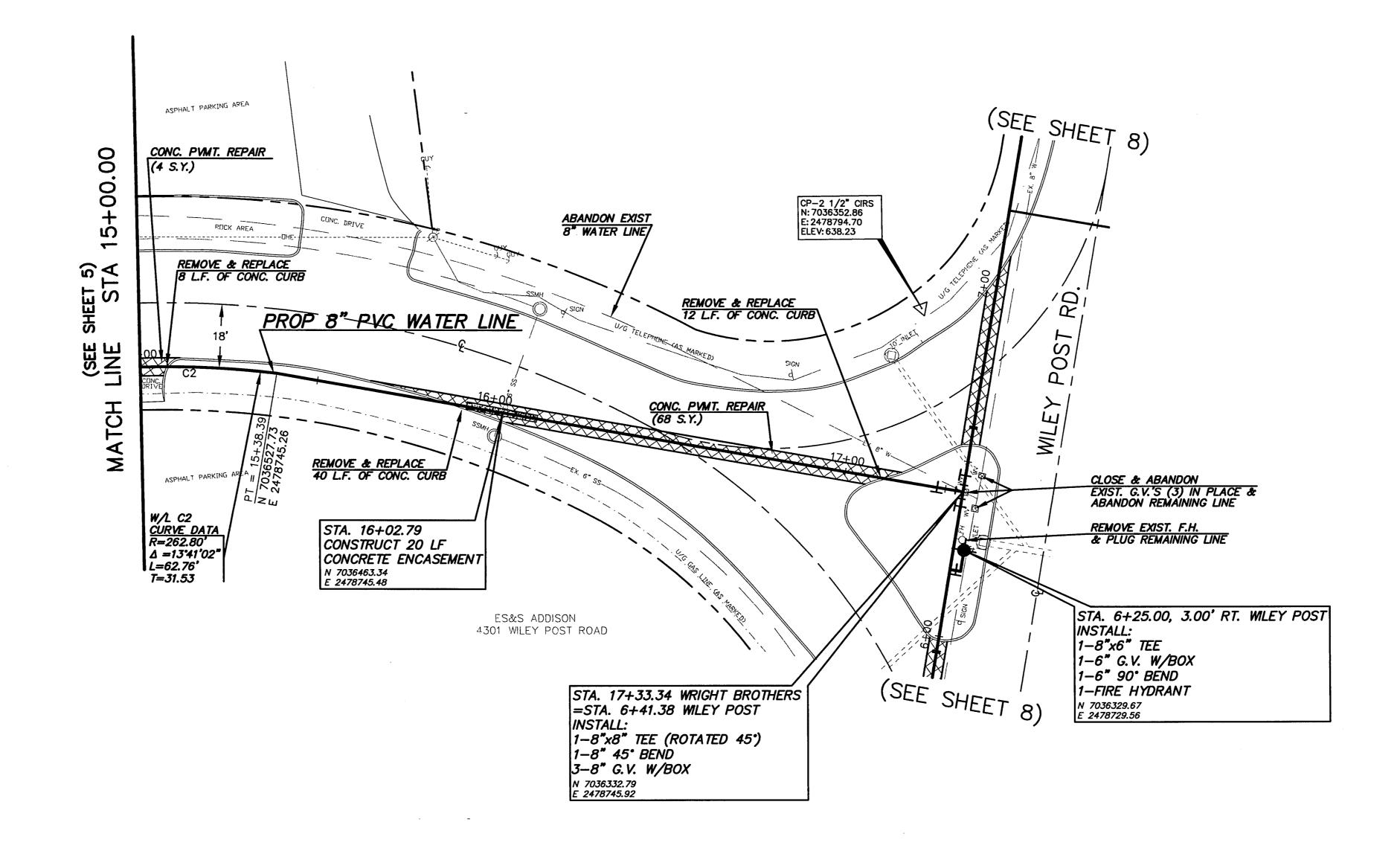


con Street	2001 West Irving BI
Texas 76102	Irving, Texas 7500
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	TOWN OF ADDISON
Ī	WRIGHT BROTHERS / WILEY POST
20	WATER LINE REPLACEMENT
10	WATER LINE PLAN - WRIGHT BROTHER

ADD01333 SHEET GHT BROTHERS OF STA. 10+00.00 TO STA. 15+00.00



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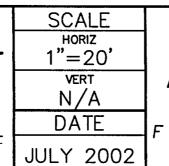
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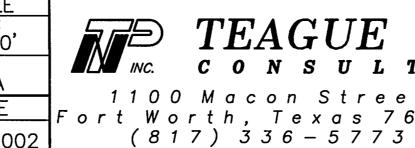
TNP PROJECT

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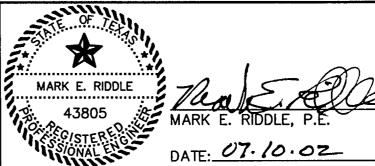
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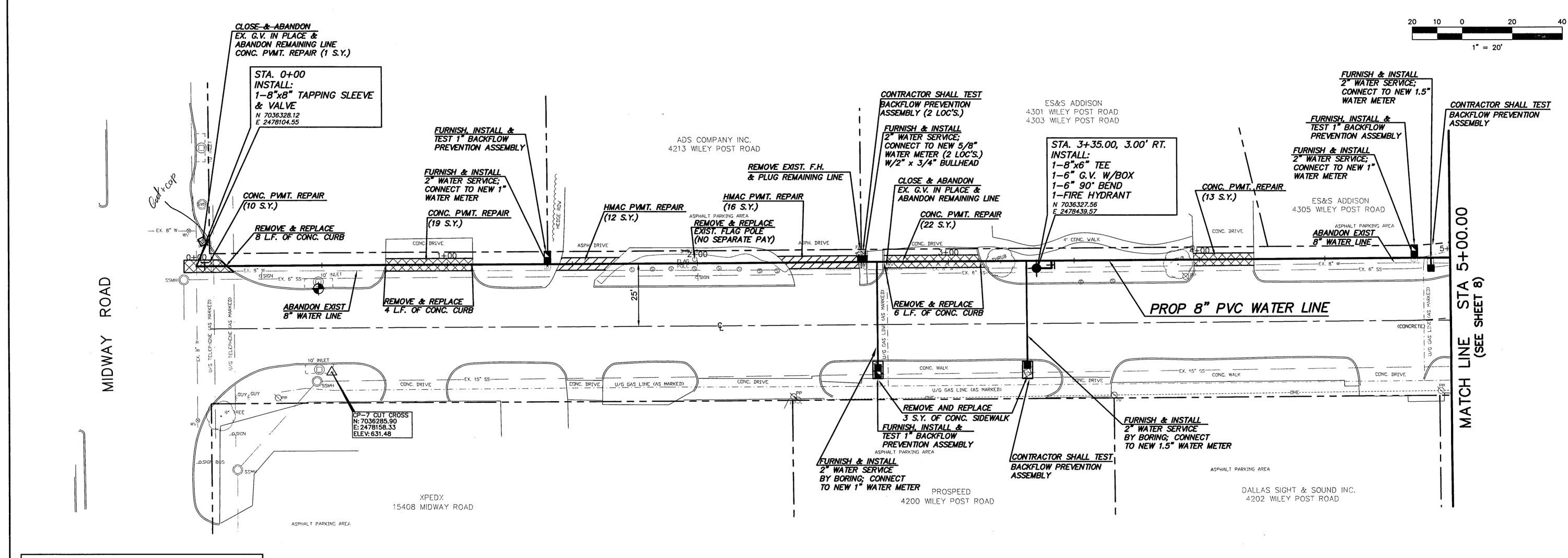


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TOWN OF ADDISON WRIGHT BROTHERS / WILEY POST WATER LINE REPLACEMENT WATER LINE PLAN - WRIGHT BROTHERS

STA. 15+00.00 TO STA. 17+33.34

SHEET 12



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WILEY POST ROAD

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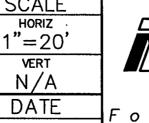
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SIDE OF WILEY POST. CUT CROSS FOUND AT THE SOUTH SIDE OF WILEY POST

ROAD AT THE PROJECTION OF CENTERLINE OF WRIGHT BROTHERS ROAD 12.6' WEST OF A 4' INLET. ELEV.=637.24

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NO.	REVISION	BY	DATE	

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JULY 2002

(817) 336-5773

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2001 West Irving Blvd. Irving, Texas 75061 (972) 254 – 1765



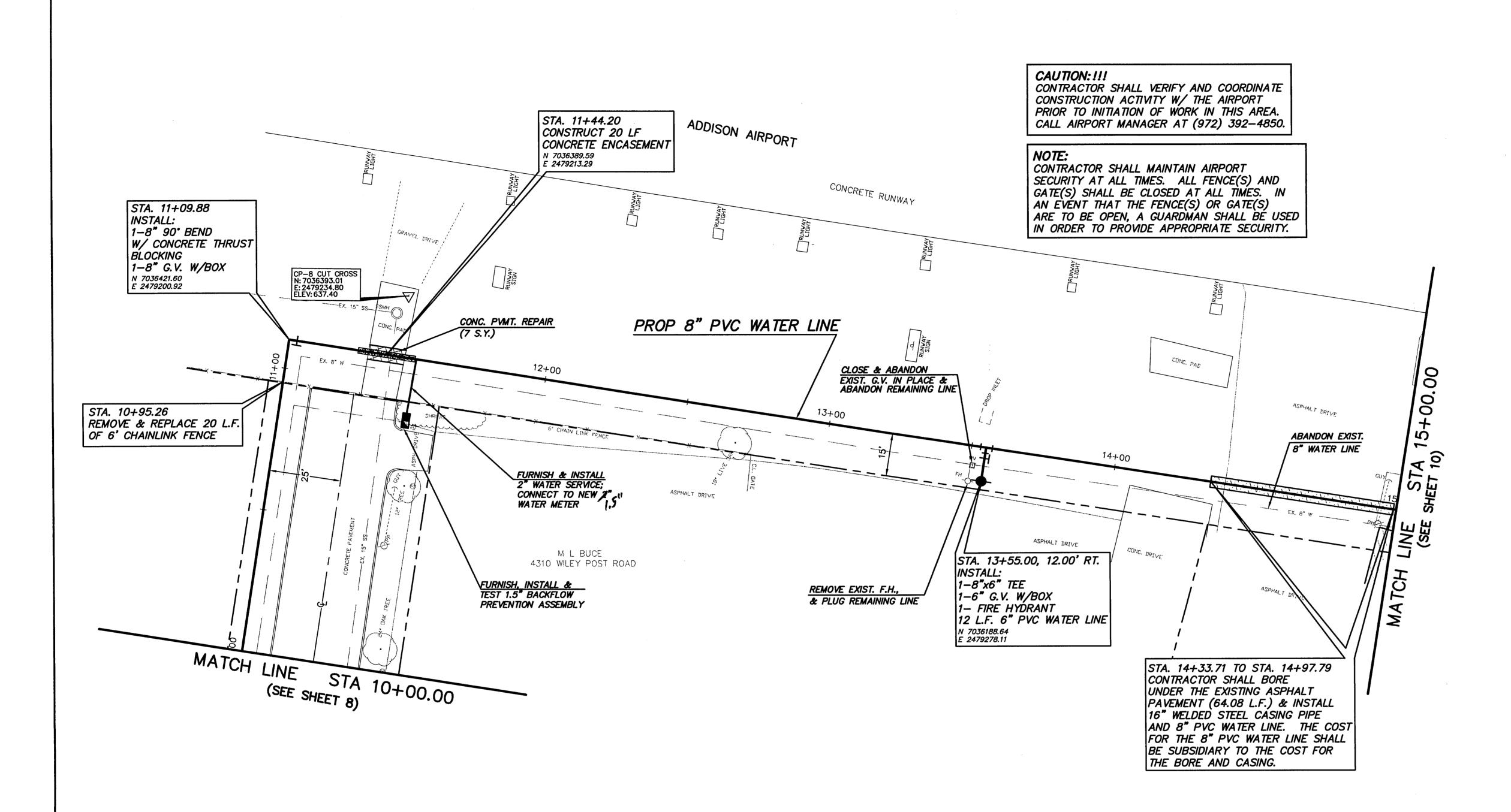
	TOWN OF ADDISON, TEXAS
	WRIGHT BROTHERS / WILEY POST
	WATER LINE REPLACEME
_	WATER LINE PLAN - WILEY PO
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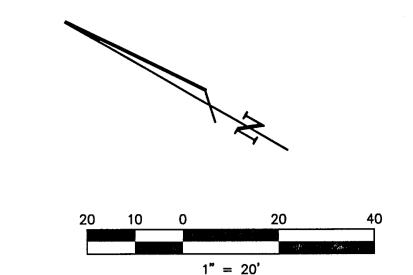
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WILEY POST ROAD - ADDISON AIRPORT

B.M.

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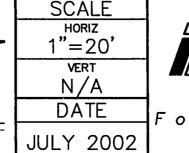
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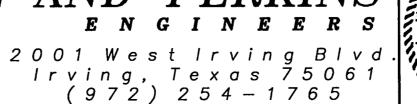
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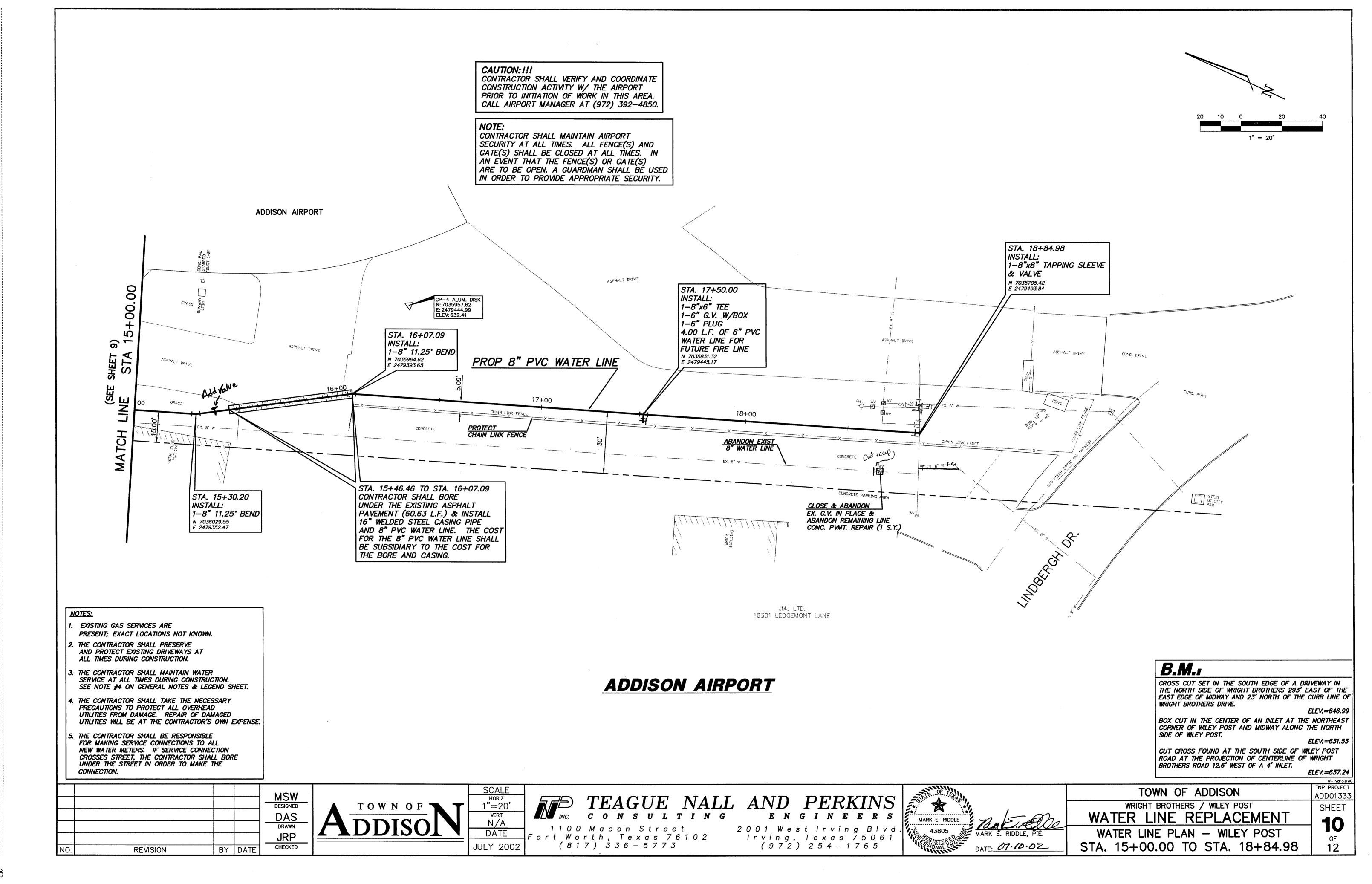


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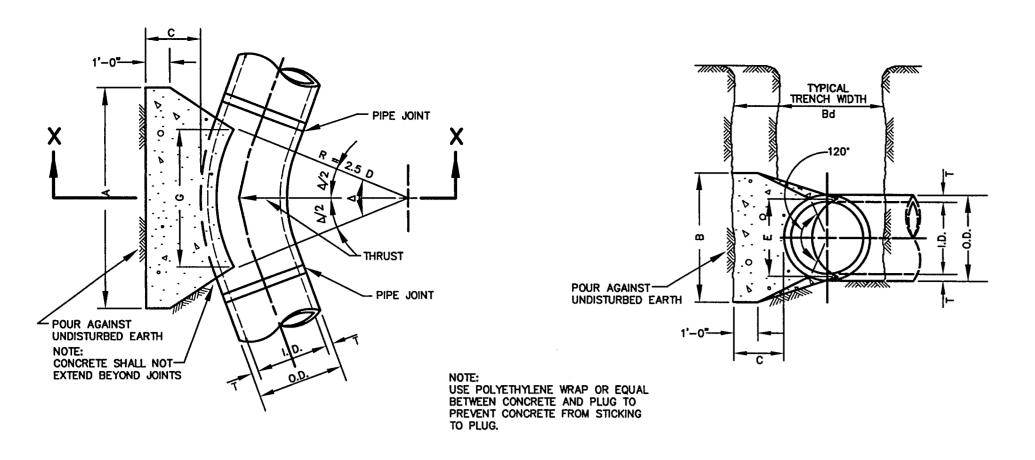




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WRIGHT BROTHERS / WILEY POST	SHEET
WATER LINE REPLACEMENT	
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WATER LINE PLAN - WILEY POST	_
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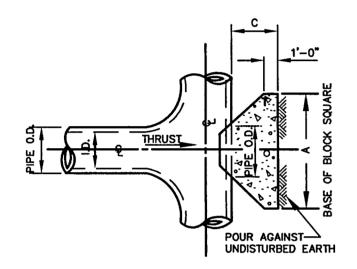


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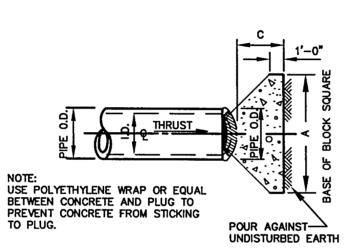


HORIZONTAL THRUST BLOCK

		△=1	1.25*			△=2	22.50°		△=45°				Δ=9	30.				
I.D. (IN)	οĘ	E FT.	G FT.	A FT.	B FT.	SOL.	G FT.	A FT.	B FT.	VOL. C.Y.	g F	A FT.	B FT.	VOL. C.Y.	G F.	A FT.	B FT.	VOL. C.Y.
6/8	1.5	0.9	0.4	1.0	1.5	0.1	0.8	1.5	1.5	0.1	1.5	2.0	2.0	0.2	2.7	5.0	1.5	0.4



	PLUG & TEE THRUST BLOCK								
1	D. N)	C FT.	A FT.	VOL. C.Y.					
6,	/8	1.5	2.5	0.3					
10)/12	1.5	3.5	0.6					
16	3/18	2.0	5.5	1.6					
20)	2.0	6.0	1.9					
24	4	2.5	7.0	3.1					
30	0	3.0	7.5	4.1					

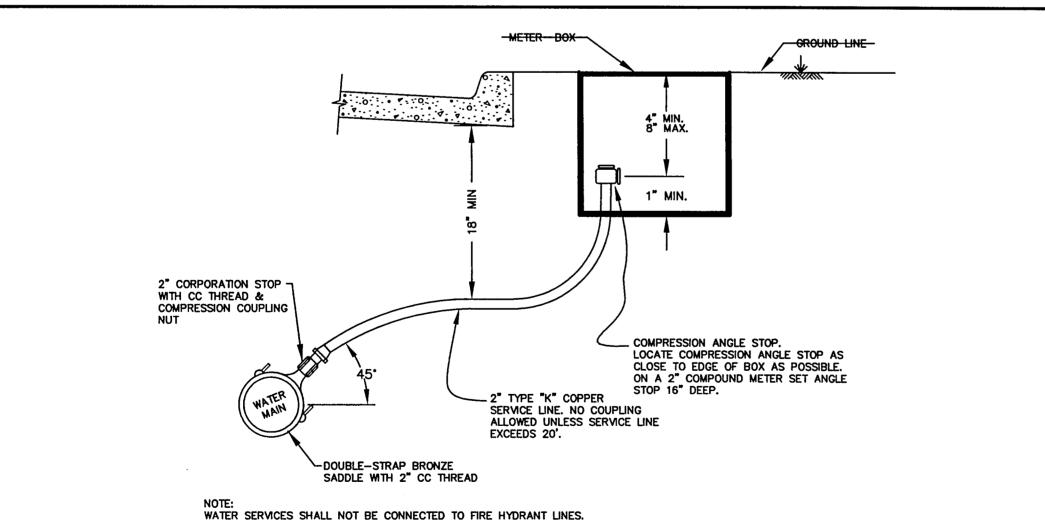


GENERAL NOTES FOR ALL THRUST BLOCKS:

- . ALL CALCULATIONS ARE BASED ON INTERNAL PRESSURE OF 200 P.S.I. (EXCEPT 30" I.D.-150 P.S.I.).
- 2. CONCRETE FOR BLOCKING SHALL BE CLASS B, 2000 P.S.I. CONCRETE.
- DIMENSIONS MAY BE VARIED AS REQUIRED BY FIELD CONDITIONS WHERE AND AS DIRECTED BY THE C.M. THE NET VOLUME OF CONCRETE BLOCKING SHALL NOT BE LESS THAN SHOWN IN TABLES.

PLAN OF TEE THRUST BLOCK

PLAN OF PLUG THRUST BLOCK



WATER SERVICES SHALL NOT BE CONNECTED TO FIRE HYDRANT LINES.
ALL MATERIALS SHALL CONFORM TO THE STANDARD SPECIFICATIONS
AND/OR SPECIAL PROVISIONS.

TYPICAL SERVICE CONNECTION WITH METER BOX

DESIGNED DRAWN CHECKED BY DATE **REVISION**



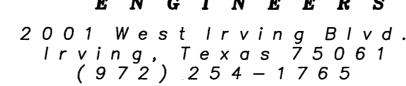


45° BEND WITH RETAINER GLANDS & MEGA-LUG RESTRAINT AS REQUIRED.

(EBAA 2000 PV SERIES OR EQUAL) -

45° BEND WITH RETAINER GLANDS & MEGA-LUG RESTRAINT AS REQUIRED.

(EBAA 2000 PV SERIES OR EQUAL) ----



DATE: 07.10.02

45° BEND WITH RETAINER GLANDS & MEGA-LUG RESTRAINT AS REQUIRED.

(EBAA 2000 PV SERIES OR EQUAL)

45° BEND WITH RETAINER GLANDS & MEGA-LUG RESTRAINT AS REQUIRED.

(EBAA 2000 PV SERIES OR EQUAL)

FLOOR DOOR CUT-IN NEW -HILTI DROP-IN ANCHOR HDI ANCH 1/2 (MIN. 2 PER SIDE) - GROUT FILL - EXISTING VAULT

GENERAL NOTES FOR METER VAULT LIDS:

- 1. CONTRACTOR SHALL INSTALL BILCO TYPE KD-3 DOUBLE LEAF ALUMINUM DOORS OR APPROVED EQUAL AS DIRECTED BY THE OWNER.
- CONTRACTOR SHALL SAWCUT EXISTING CONCRETE IN ORDER FOR THE NEW WATER VAULT LID TO ADEQUATELY FIT. THE CONTRACTOR SHALL GROUT AROUND THE PROPOSED WATER VAULT LID AND INSTALL ANCHORS INTO THE EXISTING CONCRETE AS REQUIRED (MIN. 2 EACH SIDE).

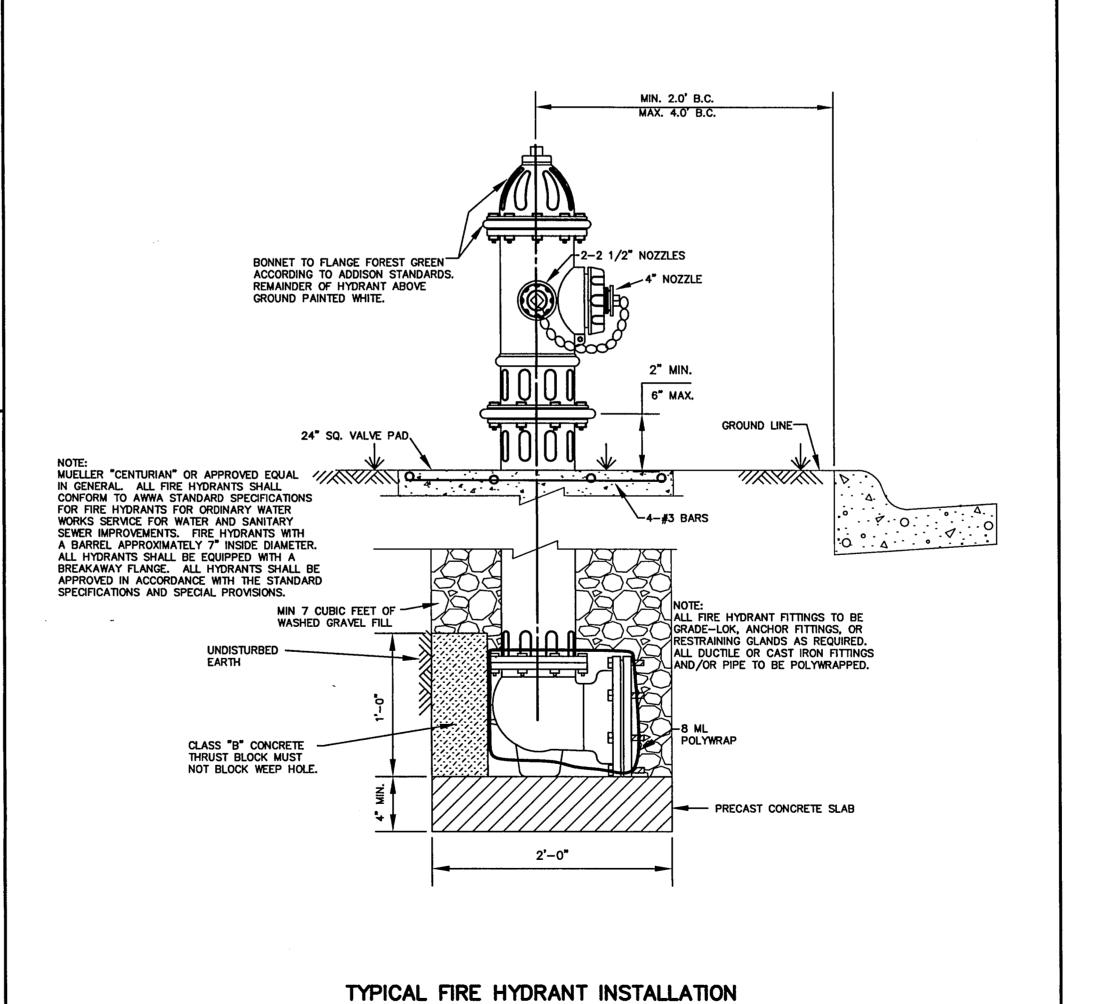
WATER VAULT LID

VALVE COVER

TOP OF EXISTING PAVEMENT, SOIL OR PROP. PAVEMENT

CONCRETE PAD 24" SQUARE SHALL BE POURED AROUND ALL VALVE BOXES NOT PLACED WITHIN CONCRETE PAVEMENT. 3000 P.S.I. CONCRETE.

SEE NOTE #2



WATER LINE RELOCATION AT STORM SEWER CROSSING

TYPICAL VALVE SETTING & BOX

TOWN OF ADDISON WRIGHT BROTHERS / WILEY POST WATER LINE REPLACEMENT

MISCELLANEOUS DETAILS 1

POLYWRAP

INSTALL DIRT PAN

1. GATE VALVES SHALL BE IN ACCORDANCE WITH AWWA STANDARD C-509-80 OR LATEST THEREOF. ALL VALVES SHALL BE "MUELLER" OR EQUAL.

2. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE WHOSE OPERATING NUT IS LOCATED IN EXCESS OF 4 FEET BELOW THE VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 4 FEET OF VALVE BOX LID. MANUFACTURED VALVE STACK DUCTILE IRON PIPE TO BE USED FOR EXTENSION GREATER THAN 4'. BELL END OF STACK TO BE FITTED OVER VALVE, AND VALVE STACK IS TO BE POLYWRAPPED.

3. VALVES SHALL BE OF DUCTILE IRON W/RUBBER ENCAPSULATED DISK. BOLTS SHALL BE STAINLESS STEEL OF SAME SIZE ON EACH VALVE.

4. VALVE COVERS SHALL BE MARKED "WATER".

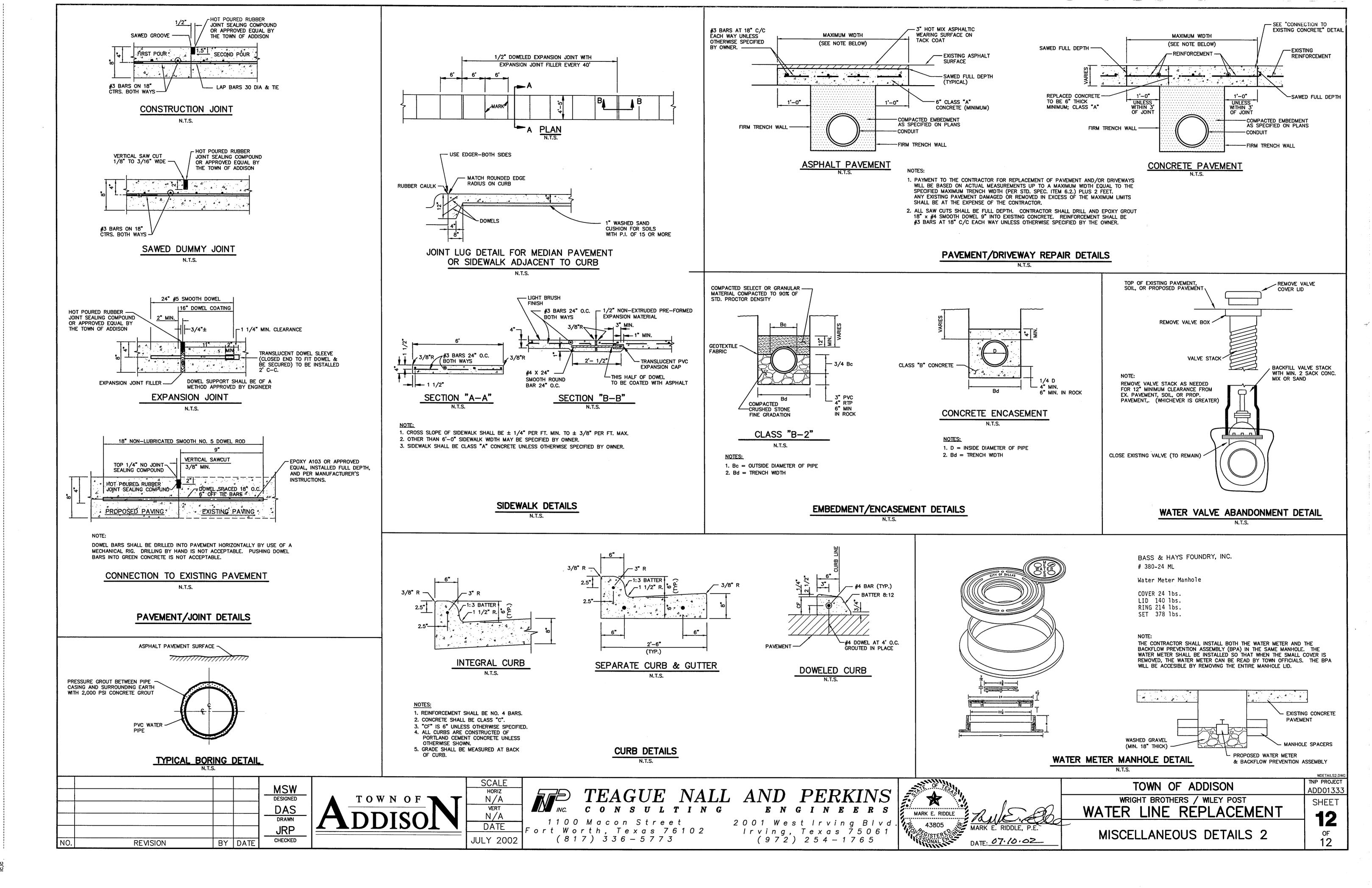
TEAGUE NALL AND PERKINS

TNP PROJECT

ADD01333

SHEET

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