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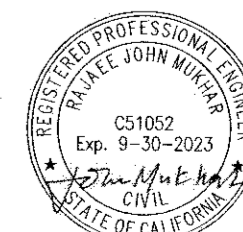
1. TEMPORARY BENCHMARK — BASED ON A CITY APPROVED BENCHMARK AS SHOWN ON THESE PLANS.
2. ALL EXISTING ELEVATIONS SHALL BE FIELD VERIFIED BY CONTRACTOR UNLESS OTHERWISE NOTED.
3. ALL SURVEY MONUMENTS SHALL BE REPLACED IF DAMAGED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
4. CONTRACTOR SHALL NOT DESTROY EXISTING PERMANENT SURVEY MONUMENTS.
5. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE CITY OF MORGAN HILL STANDARD DETAILS FOR CONSTRUCTION WHICH ARE HEREBY MADE A PART OF THESE PLANS. DEVIATIONS FROM THE STANDARD DETAILS MUST BE APPROVED BY THE CITY ENGINEER.
6. A NO FIRE EXHAUSTION PERMIT SHALL BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT UPON COMPLETION OF PRE-CONSTRUCTION MEETING AND PRIOR TO CONSTRUCTION OF ANY IMPROVEMENTS.
7. NOT USED.
8. CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO COMMENCEMENT OF ANY WORK PHASE. AT THAT TIME AN "INSPECTION REQUEST FORM" SHALL BE COMPLETED TO ENSURE PROPER SCHEDULING OF AN INSPECTION WITH THE CITY ENGINEER'S REPRESENTATIVE.
9. CONTRACTOR SHALL PRESERVE ALL SURROUNDING PROPERTY BY CONFINING OPERATIONS TO WITHIN THE "LIMITS OF WORK". CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS FOR ALL ADJOINING RESIDENTS, PLACES OF BUSINESS, AND PROPERTIES AND PROVIDING WRITTEN NOTICE AT LEAST 24 HOURS IN ADVANCE OF ANY INTERRUPTION IN ACCESS OR SERVICE TO THE ABOVE PROPERTY OWNERS AS WELL AS TO THE CITY ENGINEER'S REPRESENTATIVE.
10. CONTRACTOR SHALL ONLY USE EQUIPMENT PROVIDED WITH A SPARK ARRESTOR DEVICE TO REDUCE A POTENTIAL FIRE HAZARD.
11. NOT USED.
12. **OFF-SITE WATER & DUST CONTROL:**
CONTRACTOR SHALL PROVIDE A WATER TRUCK/STREET SWEEPER ON-SITE AT ALL TIMES. CONTRACTOR WILL BE ALLOWED TO DRAW WATER FROM THE CITY OF MORGAN HILL WATER DISTRIBUTION SYSTEM ONLY AFTER OBTAINING A HYDRANT METER FROM THE PUBLIC WORKS DEPARTMENT AND AN INSPECTION OF THE WATER TRUCK FOR A PROPER BACKFLOW DEVICE OR "AIR-BLOCK" FILING. CONTRACTOR SHALL KEEP DOWN DUST FROM CONSTRUCTION ACTIVITY TO THE MAXIMUM EVENT POSSIBLE. CONTRACTOR SHALL CLEAN ALL EXISTING STREETS, CURBS, GUTTERS, AND SIDEWALKS AFFECTED BY THE PROJECT AT THE END OF EACH WORKING DAY.
13. **MATERIAL STORAGE:**
NO MATERIAL SHALL BE STORED NEAR THE EDGE OF PAVEMENT, TRAVELED WAY, SIDEWALK, DRIVEWAY, OR SHOULDER LINE WHICH MAY CREATE A HAZARD FOR VEHICULAR AND PEDESTRIAN TRAFFIC. CONTRACTOR IS RESPONSIBLE FOR SECURING A STORAGE AREA NEAR THE PROJECT.
14. **TRAFFIC CONTROL:**
CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL TO THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 10 DAYS PRIOR TO ANY WORK WITHIN AN EXISTING PUBLIC STREET. THE PLAN SHALL BE DONE BY A LICENSED TRAFFIC ENGINEER WHEN IT INVOLVES AN ARTERIAL STREET. CONTRACTOR SHALL PROVIDE THE NEAREST TRAFFIC CONTROL IN ACCORDANCE WITH THE LATEST EDITION OF A CALTRANS "MANUAL OF WARNING SIGNS, LIGHTS, AND DEVICES FOR USE IN PERFORMANCE OF WORK UPON HIGHWAYS", WHILE WORKING WITHIN THE PUBLIC RIGHT-OF-WAY. TWO TRAFFIC LANES (10' MIN.) SHALL BE OPEN TO VEHICULAR TRAFFIC DURING ALL HOURS, WEEKENDS, AND HOLIDAYS. ONE LANE ONE WAY TRAFFIC, MAY BE PERMITTED UNDER THE CONTROL OF NOT LESS THAN 2 (TWO) COMPETENT FLAGMEN DURING CONSTRUCTION OPERATIONS. STREET CLOSURES AND DETOURS SHALL ONLY TAKE PLACE UPON CITY ENGINEER APPROVAL AND POLICE DEPARTMENT COORDINATION.
15. **TRENCH EXCAVATION:**
CONTRACTOR SHALL EXERCISE DILIGENCE IN REVIEWING THE SOILS REPORT AND OTHER AVAILABLE RESOURCES TO FAMILIARIZE HIMSELF/ HERSELF WITH THE SOIL CONDITIONS THAT BE ENCOUNTERED IN THE COURSE OF WORK IDENTIFIED IN THESE PLANS. CONTRACTOR SHALL NOT CAUSE DAMAGE TO ADJACENT TREES OR EXISTING STRUCTURES OR EXPOSE BELOW GRADE DURING TRENCH EXCAVATION. ALL ROCKS, BOULDERS, AND LARGE STONES ENCOUNTERED SHALL BE REMOVED TO PROVIDE A CLEARANCE OF 6 INCHES AROUND THE PIPE. THE TRENCH BOTTOM SHALL BE REFILLED TO GRADE WITH SAND, PEA GRAVEL, OR OTHER APPROVED GRANULAR MATERIAL. CLEAN $\frac{1}{4}$ " OR $\frac{1}{2}$ " PEA GRAVEL SHALL BE USED IN AREAS OF MOIST CONDITION OR WHERE THE SOIL HAS A HISTORY OF SUBSURFACE WATER. IF THE BOTTOM OF THE TRENCH IS FOUND TO CONSIST OF WET OR UNSATURATED MATERIAL, IT SHALL BE PROPERLY SUPPORTING THE PIPE, THE MATERIAL SHALL BE REMOVED TO A MINIMUM DEPTH OF 12 INCHES BELOW THE UNSTABLE LAYER FOR THE FULL WIDTH OF THE TRENCH AND REPLACED WITH APPROVED GRANULAR MATERIAL. TRENCH EXCAVATION MATERIAL DEPOSITED ADJACENT TO THE TRENCH SHALL BE PLACED AND LOCATED TO PREVENT SPILLAGE INTO THE OPEN TRENCH.
16. **TRENCH SAFETY:**
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY TRENCH SAFETY MEASURES FOR EXCAVATIONS. ALL TRENCH SAFETY MEASURES SHALL BE IN ACCORDANCE WITH THE LATEST CAL-OSHA GUIDELINES. CONTRACTOR SHALL PROVIDE EVIDENCE OF A CAL-OSHA TRENCHING PERMIT AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRENCH SAFETY PLAN FOR CITY REVIEW AND APPROVAL.
17. EXCAVATIONS WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE BACKFILLED, COMPACTED, AND TEMPORARILY TRAVELED WITH COLD MIX "CUT BACK" TYPE A.C. TO ALLOW FOR VEHICULAR AND PEDESTRIAN TRAFFIC PRIOR TO 4:00 P.M. THE USE OF TRENCH PLATES IS ALLOWED, PROVIDED THE CONTRACTOR RECESSES THE PLATES.
IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO MAINTAIN ON A DAILY BASIS, INCLUDING WEEKENDS, THE AMOUNT OF MATERIAL NECESSARY TO MAINTAIN THE TRENCH SURFACE FLUSH WITH THE EXISTING STREET OR SIDEWALK. IN ADDITION, THE CONTRACTOR SHALL RESPOND TO AND CORRECT SHIFTING TRENCH PLATES REGARDLESS OF THE TIME OF DAY. IF CONTRACTOR FAILS TO CORRECT SINKING BACKFILL MATERIAL OR SHIFTING TRENCH PLATES IN A TIMELY MANNER, THE CITY SHALL RESERVE THE RIGHT TO CORRECT THE PROBLEM AND BACK CHARGE THE CONTRACTOR.
18. **JOINING EXISTING PAVEMENT:**
EXISTING PAVEMENT WHICH IS TO BE JOINED BY NEW PAVEMENT SHALL BE SAW CUT VERTICALLY TO PROVIDE STRAIGHT, TRUE, AND NEAT JOINTS. OVERLAPPING OF EXISTING PAVEMENT WITHOUT CUTTING OR GRINDING SHALL NOT BE PERMITTED. THE VERTICAL EDGES SHALL BE TACKLED PRIOR TO PAVING. TERMINALS OF ALL SURFACING INDICATED ON THE PLANS SHALL JOIN ANY EXISTING SURFACE IN A SMOOTH BUTT JOINT. CONFORM PAVING BY METHOD OF ABRASIVE GRINDING WILL BE ALLOWED UPON APPROVAL OF THE CITY ENGINEER.
19. **SANITARY SEWERS:**
19. (NOT USED)
20. (NOT USED)
21. (NOT USED)

PROJECT_TITLE_S



Sheet No.	Description
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 **City of Morgan Hill**
Public Works Department
CITY OF MORGAN HILL
7575 Peck Avenue Morgan Hill, CA 95037 (408)778-6480, Fax (408)778-7236

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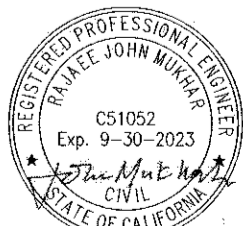
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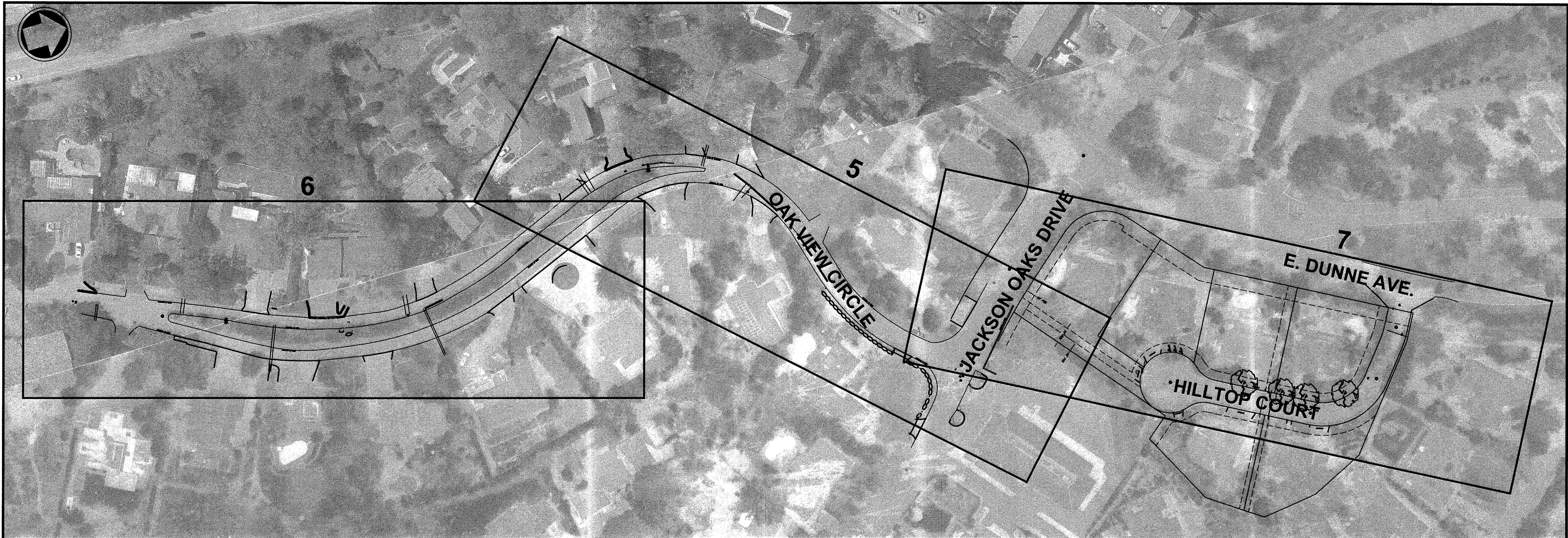
1. ALL UTILITIES SHOWN ON THESE PLANS WERE SCALED FROM THE UTILITY MAPS RECEIVED FROM THE UTILITY COMPANIES. THEY ARE NOT NECESSARILY COMPLETE AND ARE BASED ON THE INFORMATION AND PARTIAL TOPOGRAPHIC SURVEY DATA AVAILABLE TO THE DESIGN ENGINEER AT THE TIME THESE PLANS WERE PRODUCED. THE ACTUAL LOCATIONS OF THE UTILITIES SHOWN ON THESE PLANS AND ALL UTILITIES AND CONDITIONS SHOWN MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
2. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 A MINIMUM OF TWO (2) DAYS PRIOR TO SCHEDULED START OF CONSTRUCTION AND HAVE ALL UTILITY LOCATIONS MARKED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR TO PROVIDE CITY WITH USA CONFIRMATION NUMBER FOR EACH LOCATION.
3. THE CONTRACTOR SHALL POT HOLE AND VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES TO REMAIN AND SHALL PROTECT SAID UTILITIES DURING CONSTRUCTION.
4. IT'S THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING UTILITIES. UTILITIES SHALL BE VERIFIED BY POT HOLING PRIOR TO THE SAWCUT AND EXCAVATION FOR INSTALLATION OF THE NEW FACILITY TO CONFIRM CONSTRUCTABILITY IN THE PROPOSED ALIGNMENT. IF A MARKED UTILITY CANNOT BE FOUND WITHIN THE ALLOWABLE DISTANCE OF THE USA MARKS, THE CONTRACTOR IS REQUIRED TO NOTIFY THE UTILITY OPERATOR AND REQUEST A RE-MARK PRIOR TO PROCEEDING.
5. CONTRACTOR SHALL SUPPORT CROSSINGS AND PARALLEL UTILITIES EXPOSED DURING CONSTRUCTION AND PROTECT THEM FROM ANY DAMAGE.
6. ALL NEW WATER MAIN, INCLUDING TIE-INS, SHALL BE CONTRACTURED ENTIRELY OF CLASS 50 DUCTILE IRON PIPE. CAST IRON PIPE OR MECHANICAL JOINTS CAST IRON PIPE MAY BE USED WITH SPECIFIC APPROVAL OF CITY ENGINEER.
7. TRAFFIC CONTROL MEASURES SHALL BE IMPLEMENTED PER APPROVED TRAFFIC CONTROL PLANS AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
8. APPROVED PROTECTIVE MEASURES SHALL BE USED FOR ALL EXCAVATIONS.
9. ALL MONUMENTS DISTURBED BY CONSTRUCTION SHALL BE RECORDED PRIOR TO DISTURBANCE. ALL MONUMENTS DISTURBED BY CONSTRUCTION SHALL BE REPLACED PER CITY DETAIL A-31 AT THE CONTRACTOR'S COST. REPLACEMENT WORK SHALL BE COORDINATED AND DOCUMENTED WITH THE CITY ENGINEER.
10. PIPE BEDDING AND TRENCH BACKFILL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL ON DETAIL SHEET 9.
11. COMPLETE CONSTRUCTION PER THE MOST RECENT EDITIONS OF THE CITY OF MORGAN HILL STANDARD SPECIFICATIONS, DESIGN STANDARDS, AND STANDARD DETAILS FOR CONSTRUCTION, EXCEPT AS MODIFIED BY THESE CONTRACT DOCUMENTS.
12. THE CONTRACTOR SHALL REMOVE ALL USA PAINT MARKINGS FROM PAVEMENT, SIDEWALKS, AND CONCRETE WITHIN THE PROJECT BOUNDARY FOLLOWING THE COMPLETION OF CONSTRUCTION. COVERING MARKINGS WITH PAINT WILL NOT BE ALLOWED.
13. DAMAGE TO STREET LIGHTING, TRAFFIC SIGNAL OR TRAFFIC LOOP FACILITIES DURING CONSTRUCTION SHALL BE REPAIRED IN ACCORDANCE WITH CALTRANS STANDARDS SECTIONS 86 AND 87. TRAFFIC SIGNAL LOOPS DAMAGED BY THE WORK SHALL BE REPLACED WITH TYPE D LOOPS PER CALTRANS STANDARD PLAN ES-5B.
14. THE CONTRACTOR SHALL DESIGNATE A PERSON TO CONTACT SHOULD PROBLEMS OCCUR DURING NON-WORKING HOURS. THE CITY ENGINEER SHALL BE GIVEN THAT PERSON'S NAME AND PHONE NUMBER.
15. WATER STRUCTURES REMOVED FROM THE GROUND NOT LIMITED TO GATE VALVES, CHECK VALVES, COPPER SERVICE LINES, ETC SHALL BECOME PROPERTY OF THE CONTRACTOR AND DISPOSED OF PROPERLY.
16. DEFLECT PIPE JOINTS +/- 5 DEGREES AS RECOMMENDED BY THE MANUFACTURER TO MAINTAIN ALIGNMENT.
17. (E) WATER MAIN ELEVATIONS ARE APPROXIMATE AND BASED ON NEARBY GATE VALVE NUT DEPTHS.
18. REPLACEMENT AND REPAIR OF CITY OWNED FACILITIES NOT SPECIFICALLY DETAILED IN THE PLANS SHALL BE IN ACCORDANCE WITH APPLICABLE CITY STANDARD SPECIFICATIONS AND DETAILS.
19. THE WATER SYSTEM SHALL REMAIN IN SERVICE THROUGHOUT THE PROJECT. SERVICE INTERRUPTIONS SHALL BE MINIMIZED AND SHALL BE COORDINATED WITH THE CITY OF MORGAN HILL AT (408) 776-7333. THE CONTRACTOR SHALL NOT OPERATE ANY CITY OWNED VALVES OR HYDRANTS UNLESS AUTHORIZED BY THE DISTRICT.
20. RIGHT OF WAY AND PROPERTY LINES WHERE SHOWN ARE BASED UPON RECORD DATA AND ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
21. CONTRACTOR TO REPLACE SOD, LANDSCAPING, AND IRRIGATION DAMAGED DUE TO HIS OPERATIONS TO CONDITION ACCEPTABLE TO ENGINEER AT NO ADDITIONAL COST TO THE CITY.
22. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE CITY.
23. PROVIDE TEMPORARY UTILITY SUPPORT USING CONTROLLED LOW STRENGTH MATERIAL TO PROTECT EXISTING UTILITIES AND APPURTENANCES IN PLACE DURING WATER CONSTRUCTION. SEE SPECIFICATION SECTION XX, XX, XX.
24. NO STORAGE OF MATERIAL OR EQUIPMENT SHALL BE PERMITTED ON ROADWAYS AFTER WORK HOURS WITHOUT WRITTEN PERMISSION FROM THE CITY.
25. APPROVED PROTECTIVE MEASURES SHALL BE USED FOR ALL EXCAVATIONS PER SECTION 31 23 00 "EARTHWORKS", AND SECTION 31 41 00 "EXCAVATION SUPPORT, SHORING AND BRACING".
26. RE-STRIPE ALL PAVED AREAS DAMAGED BY CONSTRUCTION WITH THERMOPLASTIC OR AS REQUIRED BY THE CITY IN CONFORMANCE WITH SECTION 32 17 23, "TRAFFIC STRIPES AND PAVEMENT MARKINGS." MARKING TYPES SHALL MATCH EXISTING TYPE.
27. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE THEIR CONSTRUCTION SCHEDULE WITH PG&E. A PG&E INSPECTOR SHALL BE ONSITE DURING PRECONSTRUCTION SUBSURFACE UTILITY EXPLORATION POT HOLING AND DURING PIPELINE CONSTRUCTION WITHIN TEN (10) FEET OF GAS TRANSMISSION LINES.
28. REPLACEMENT AND REPAIR OF CITY OWNED FACILITIES NOT SPECIFICALLY DETAILED IN THE PLANS SHALL BE IN ACCORDANCE WITH APPLICABLE CITY STANDARD SPECIFICATIONS AND DETAILS.

SURVEY DATUM NOTES

1. ELEVATION DATUM IS NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD 88)
2. SEE SHEET 4 FOR SURVEY CONTROL.

				WORK ACCEPTED: INSPECTOR:		DRAWN: IER, RM DESIGN: JH		HOR: NTS		<div><div>City of Morgan Hill Public Works Department</div><div>17575 Peak Ave., Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236</div></div>		<div><div>M</div><div>MOTT MACDONALD</div></div> <div>2077 GATEWAY PLACE SUITE 550 SAN JOSE, CA 95110 WWW.MOTTMAC.COM</div>		<div>PROJECT NOTES JACKSON OAKS WATER MAIN PROJECT</div>		<div>FILE NUMBER: File No</div> <div>PRINT DATE: 2/1/2023</div> <div>SHEET NUMBER: 2 OF 9</div>			
				CHECKED: RLC		VERT: NTS													
				APPROVED: J.C. DATE: 3/27/23		JOB NUMBER: 100191													
NO. DESCRIPTION		DATE BY		BY: DATE:															
Revisions										SCOTT CREER - CITY ENGINEER R.C.E. #58879 EXP. 06/30/2023									





KEY MAP
N.T.S

				WORK ACCEPTED:	INSPECTOR:	DRAWN:	IER, RM	DESIGN:	JH	HOR:	NTS
				AS-BUILT CORRECTIONS		CHECKED:	RLC			VERT:	NTS
				APPROVED:	DATE:	3/23/23				JOB NUMBER:	100191
				SCOTT CREER- CITY ENGINEER R.C.E. #58879 EXP. 06/30/2023							
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NO.	DESCRIPTION	DATE	BY
Revisions			



City of Morgan Hill
Public Works Department

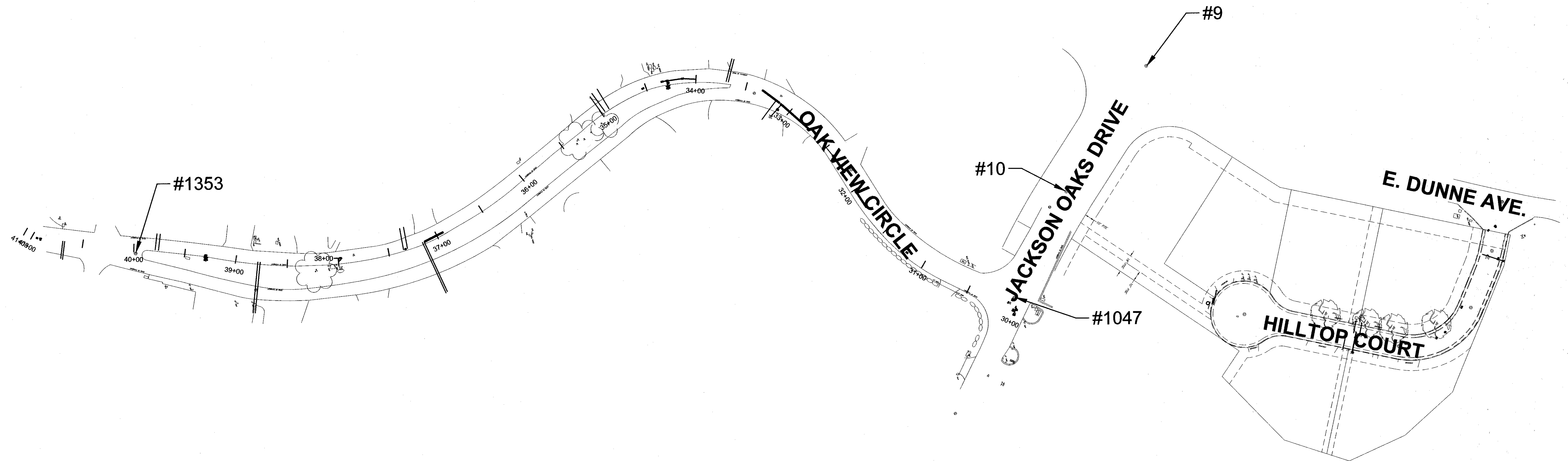
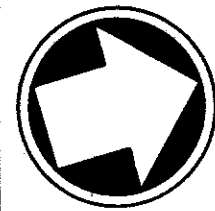


2077 GATEWAY PLACE
SUITE 550
SAN JOSE, CA 95110
WWW.MOTTMAC.COM

KEY MAP
JACKSON OAKS
WATER MAIN PROJECT

FILE NUMBER:
PRINT DATE:
2/1/2023
SHEET NUMBER:
3 OF 9





SURVEY CONTROL
N.T.S.



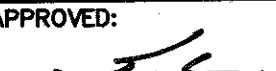
VERTICAL CONTROL BENCHMARK TABLE

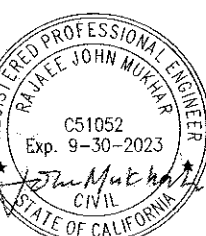
SCVWD BM #	ELEV (FT) NAVD88	CITY BENCHMARK DESCRIPTION
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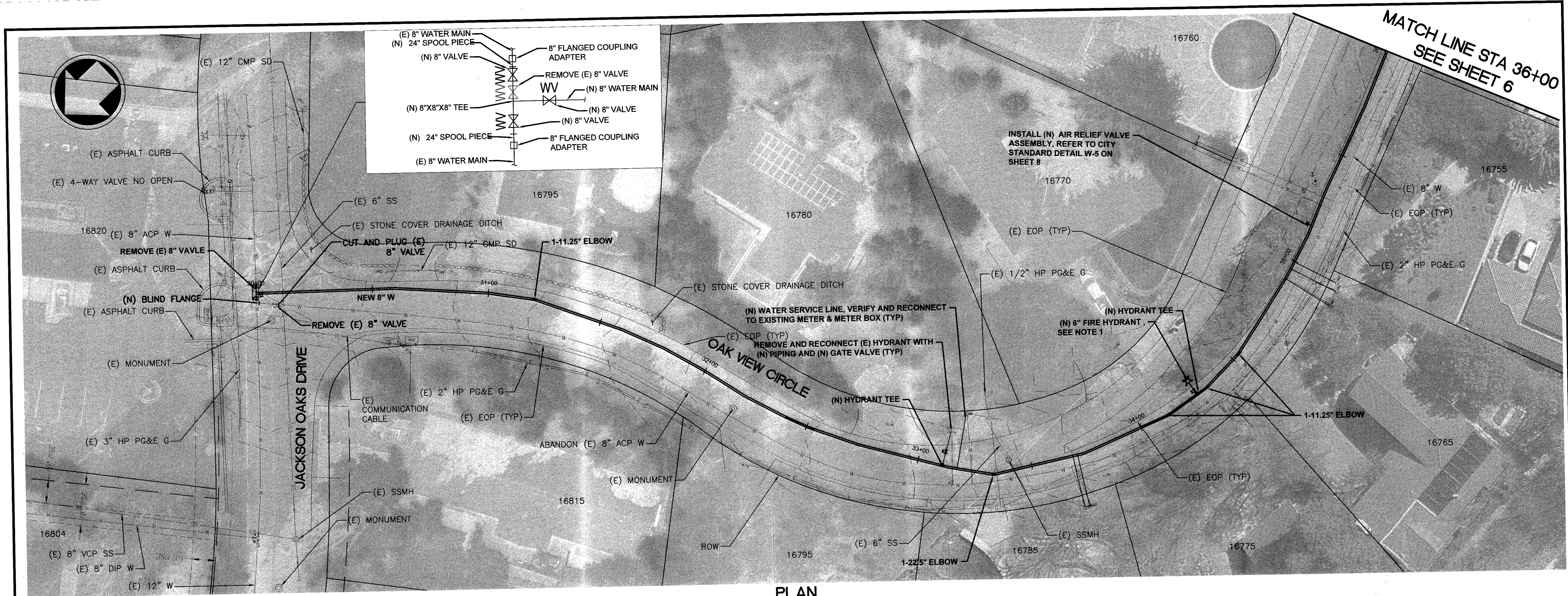
SURVEY NOTES:

BASIS OF BEARINGS
CALIFORNIA COORDINATE SYSTEM,
NAD83 ZONE 3 IN FEET

PT #	NORTHING	EASTING	DESCRIPTION
9	1876719.67	6242585.57	MONUMENT "A"
10	1876609.08	6242679.66	MONUMENT "B"
1047	1876530.17	6242764.17	CONTROL MONUMENT DISK
1353	1875725.58	6242469.27	CONTROL MONUMENT DISK

		WORK ACCEPTED:		INSPECTOR:		DRAWN: IER		DESIGN: KWG		HOR: NTS		 City of Morgan Hill Public Works Department 17575 Peak Ave., Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236	 MOTT MACDONALD 2077 GATEWAY PLACE SUITE 550 SAN JOSE, CA 95110 WWW.MOTTMAC.COM	SURVEY CONTROL JACKSON OAKS WATER MAIN PROJECT		FILE NUMBER:			
										PRINT DATE:									
										SHEET NUMBER:									
										4 OF 9									
NO.	DESCRIPTION	DATE	BY	BY:	DATE:	APPROVED: 		DATE: 3/27/22		JOB NUMBER: 100191									
Revisions												SCOTT CREER - CITY ENGINEER R.C.E. #58879 EXP. 06/30/2023							





PLAN
SCALE: 1"=20'



PROFILE
SCALE: 1"=20' HORIZ
1"=4' VERT

NOTES:
1. CONTRACTOR SHALL COORDINATE WITH CITY FOR THE LOCATION OF THE NEW HYDRANTS PRIOR TO CONSTRUCTION.

NO.		DESCRIPTION	DATE	BY	DATE
Revisions					
WORK ACCEPTED: INSPECTOR:			DRAWN: IER, RM		
AS-BUILT CORRECTIONS			CHECKED: RLC		
APPROVED: [Signature]			DATE: 5/27/23		
SCOTT CREER - CITY ENGINEER R.C.E. #58879 EXP. 06/30/2023			JOB NUMBER: 100191		



City of Morgan Hill
Public Works Department

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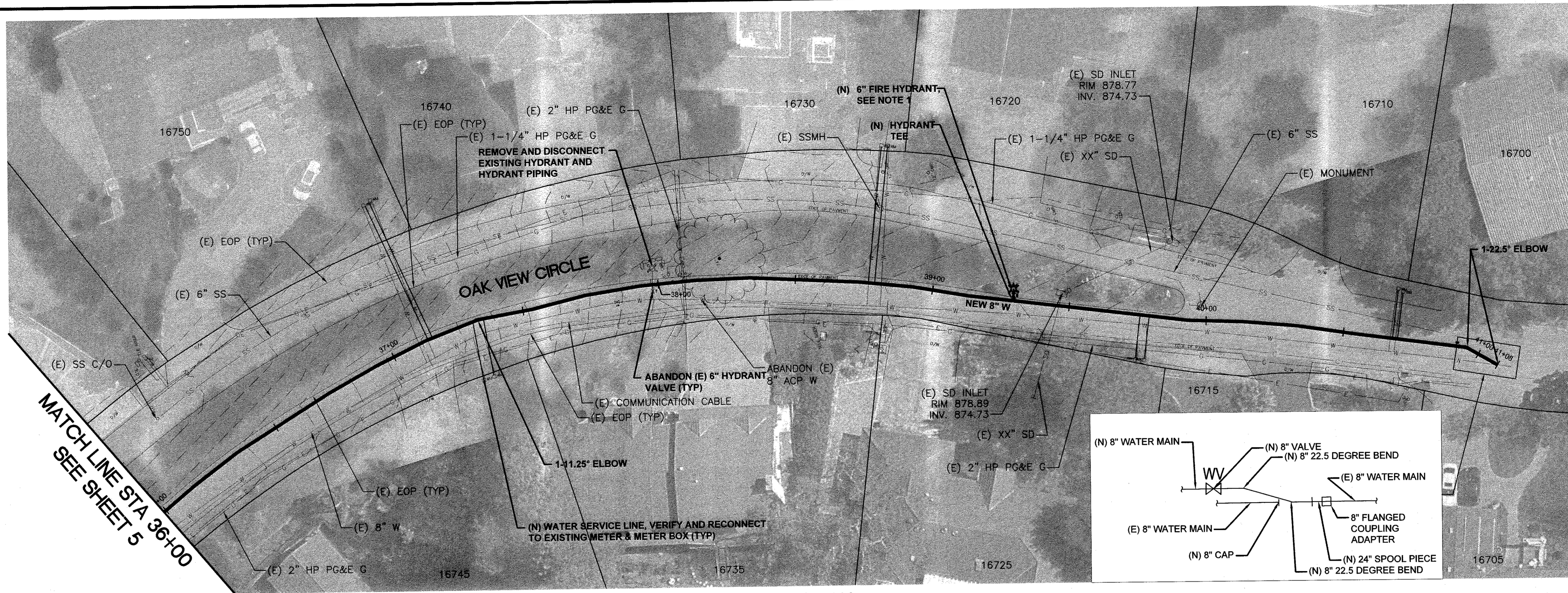
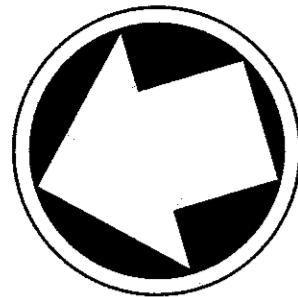
PLAN AND PROFILE
STA 30+00 TO 36+00
OAKVIEW CIRCLE (1 OF 2)
JACKSON OAKS WATER MAIN PROJECT

FILE NUMBER: File No
PRINT DATE: 3/16/2023
SHEET NUMBER: 5 OF 9

SHEET TITLE S

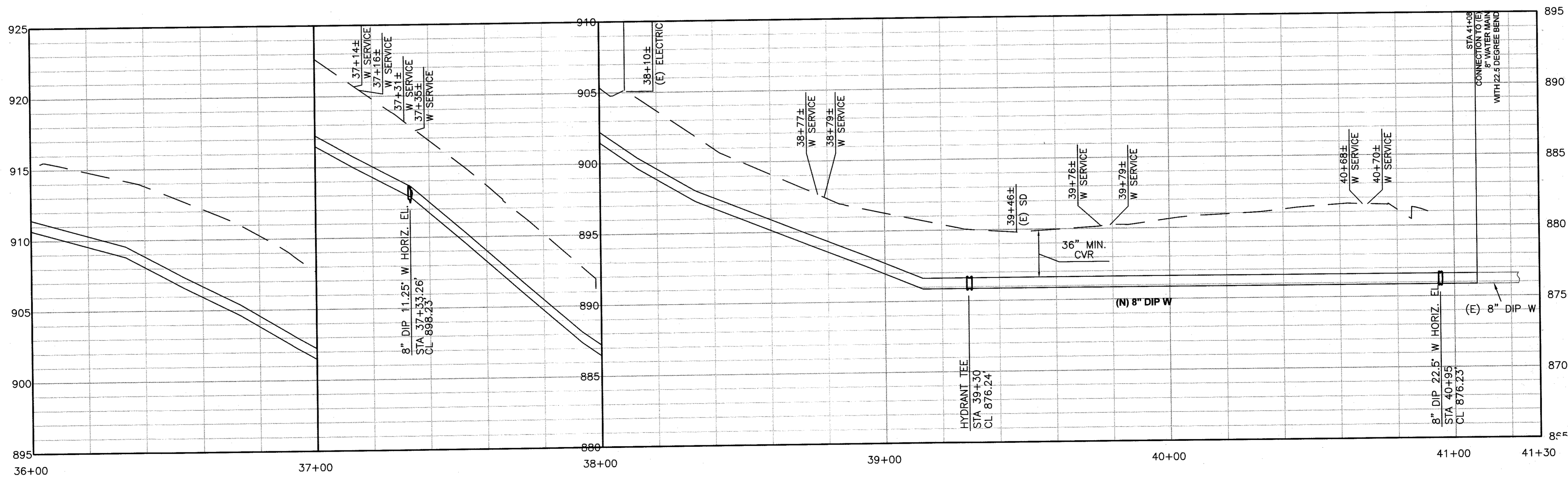
SEE SHEET 6

SEE SHEET 6




PLAN
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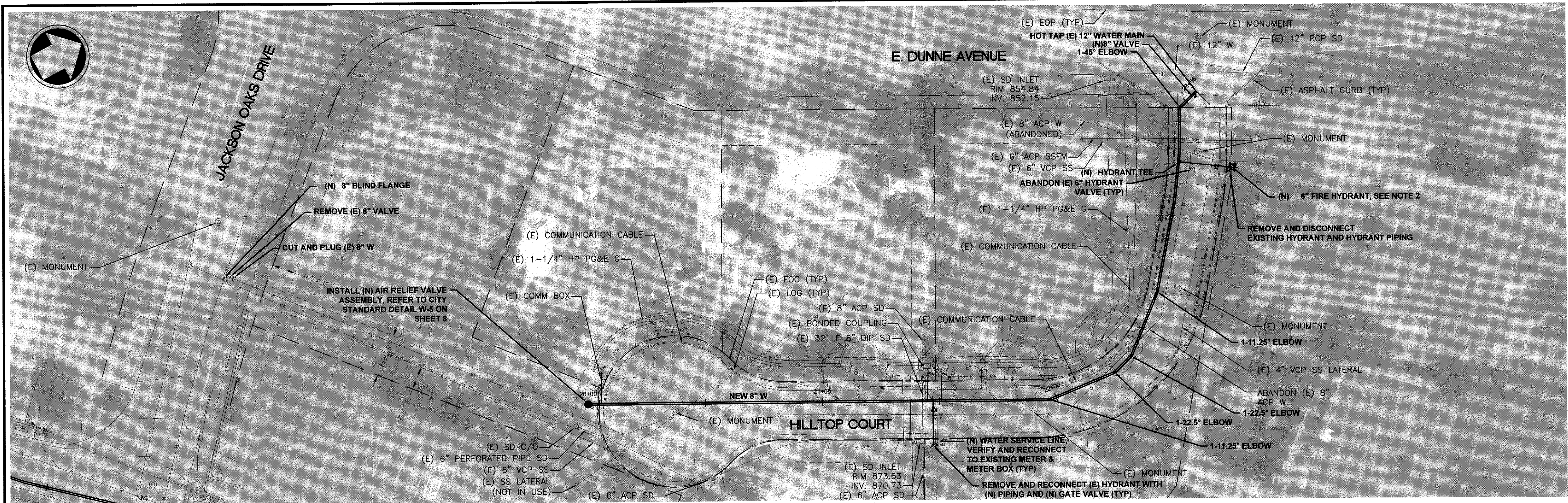
MATCH LINE STA 36+00
SEE SHEET 5



- NOTES:
1. CONTRACTOR SHALL COORDINATE WITH CITY FOR THE LOCATION OF THE NEW HYDRANTS PRIOR TO CONSTRUCTION.

PROFILE
SCALE: 1"=20' HORIZ
1"=4' VERT

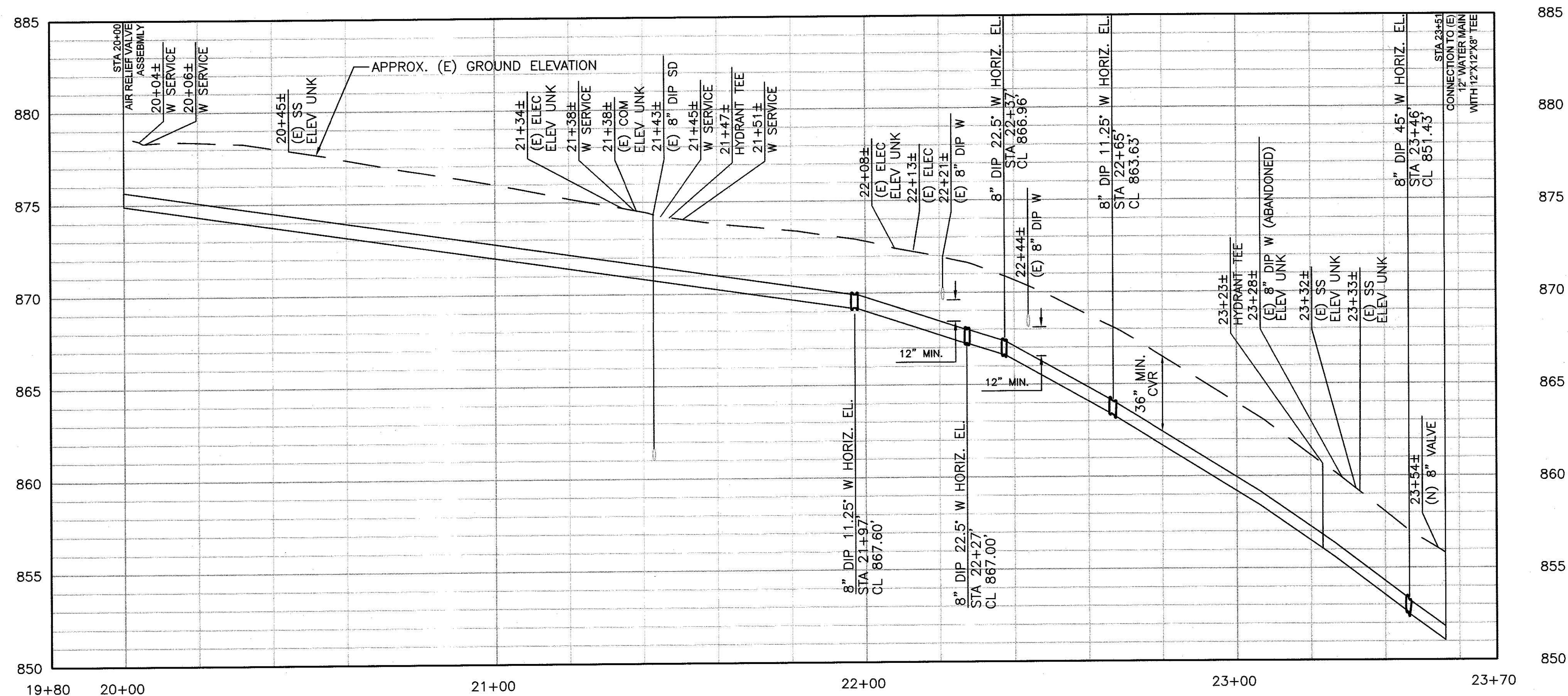
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							APPROVED:			DATE:	3/17/23	JOB NUMBER:
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PLAN
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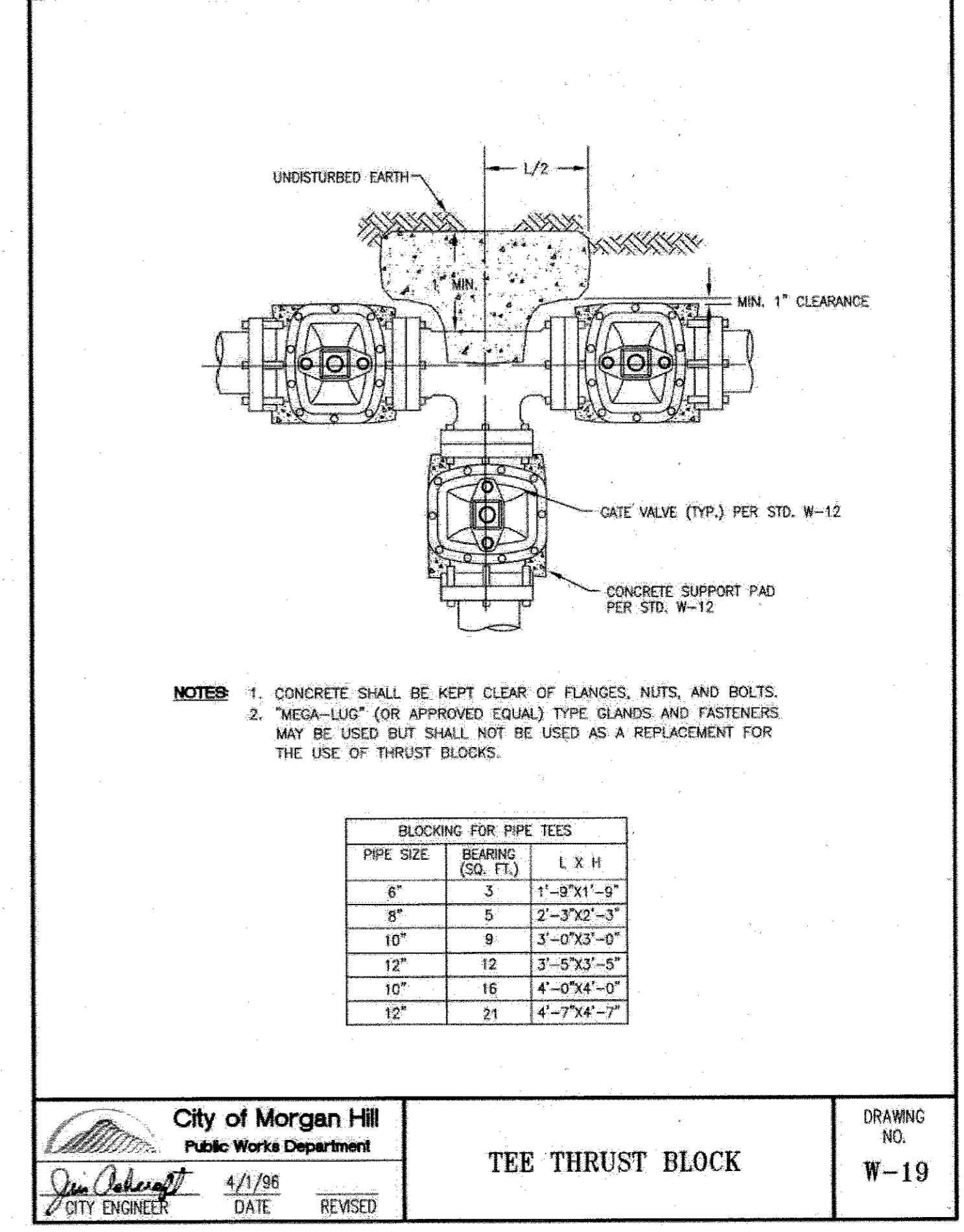
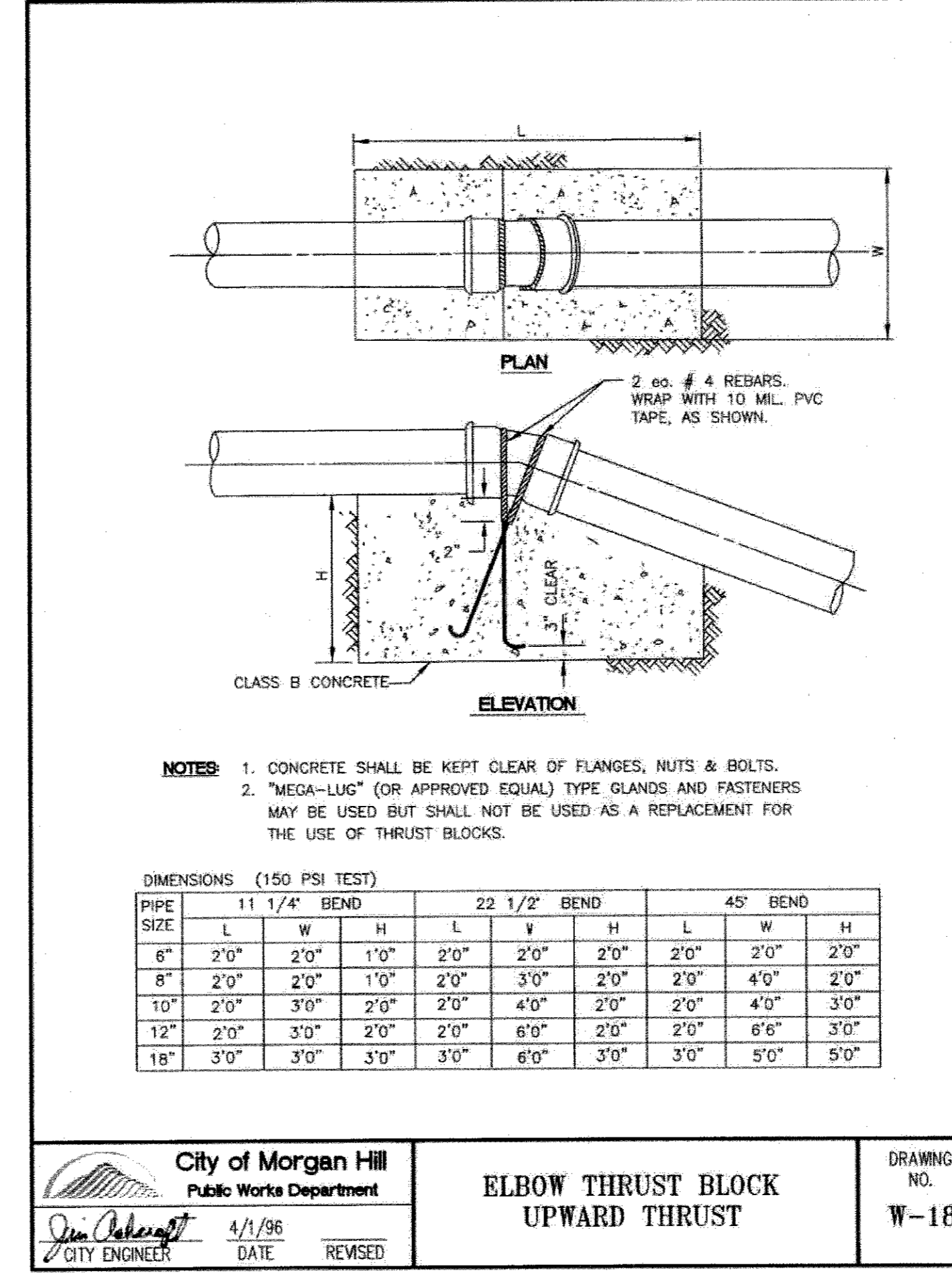
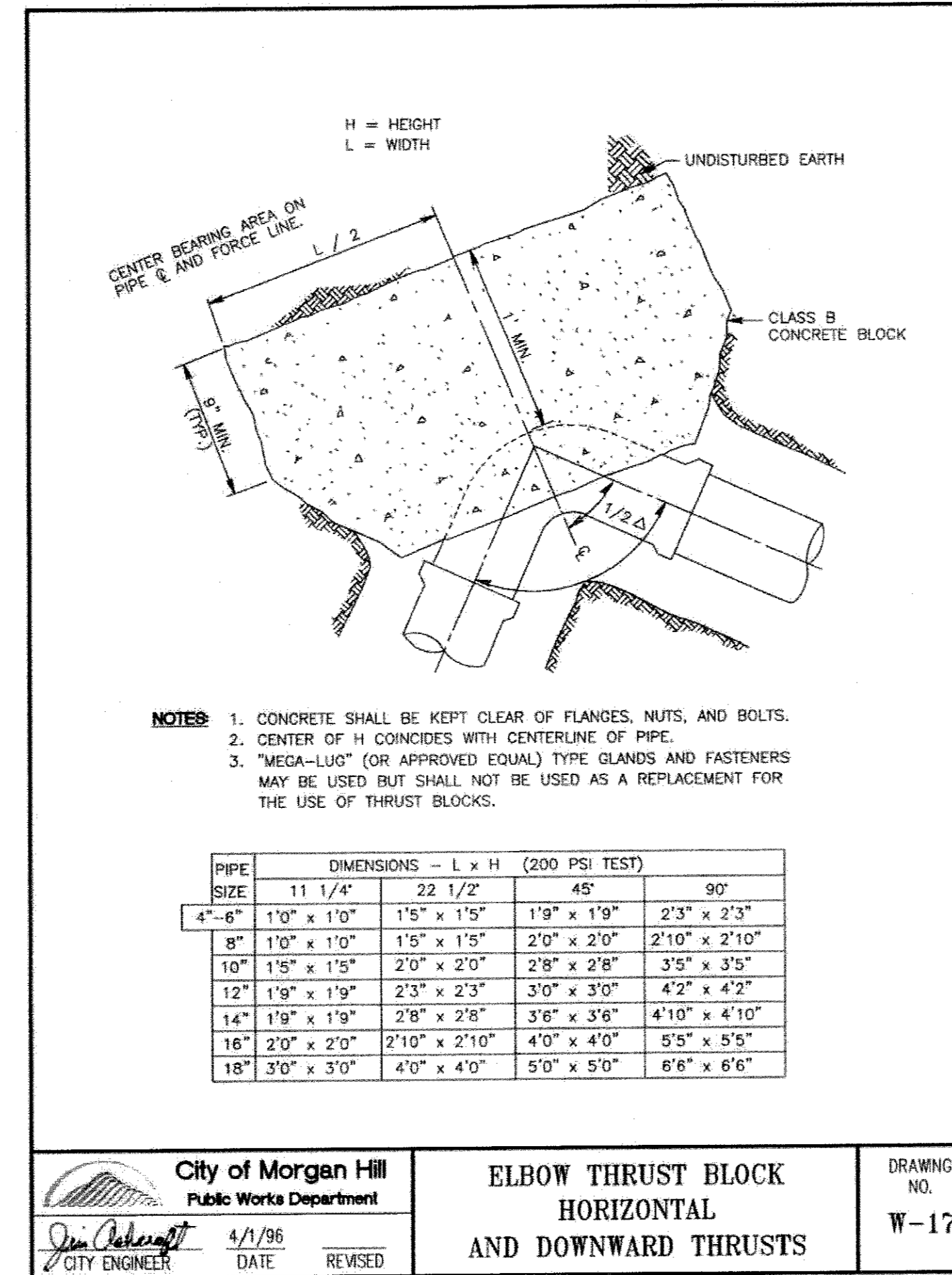
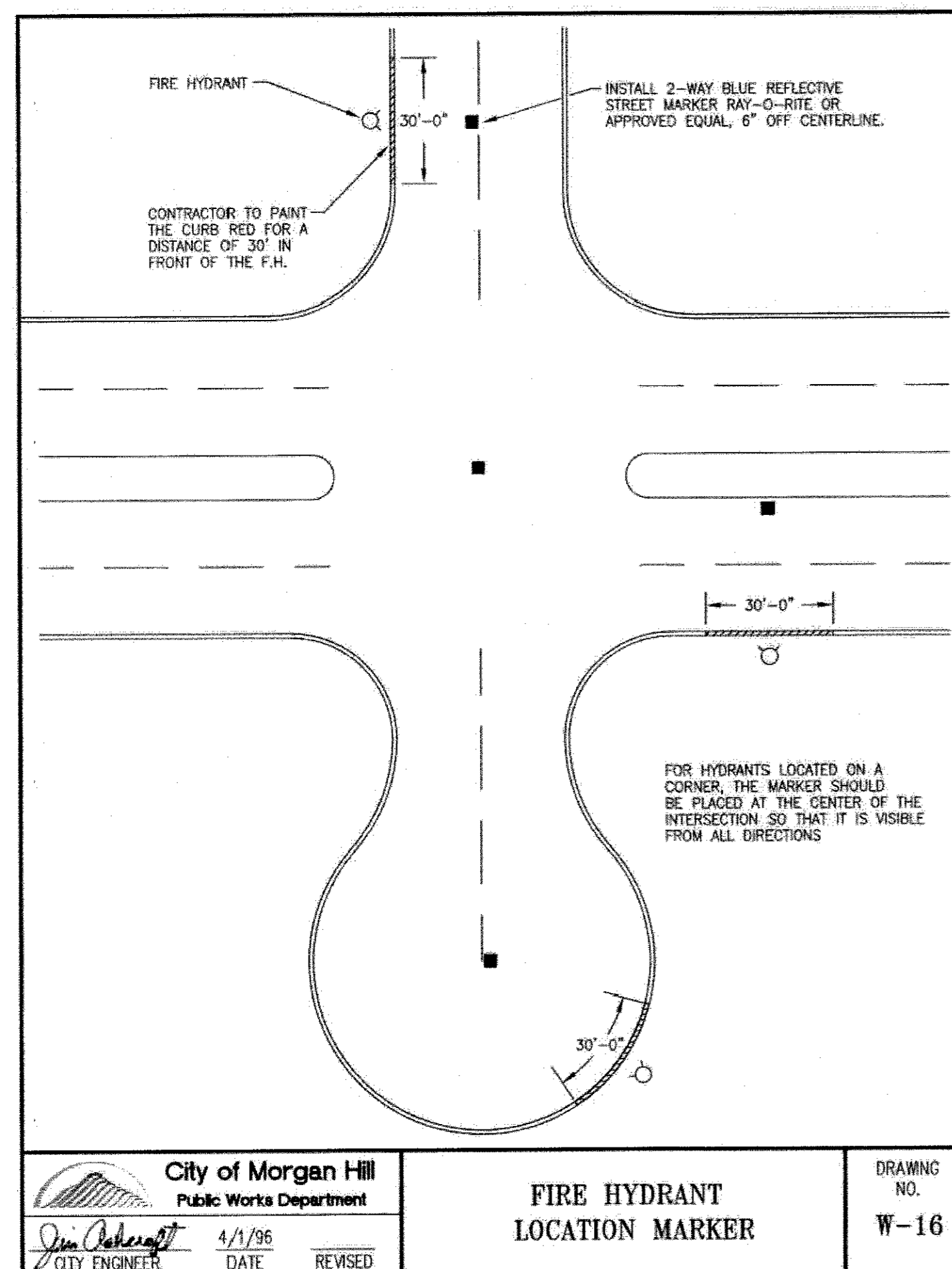
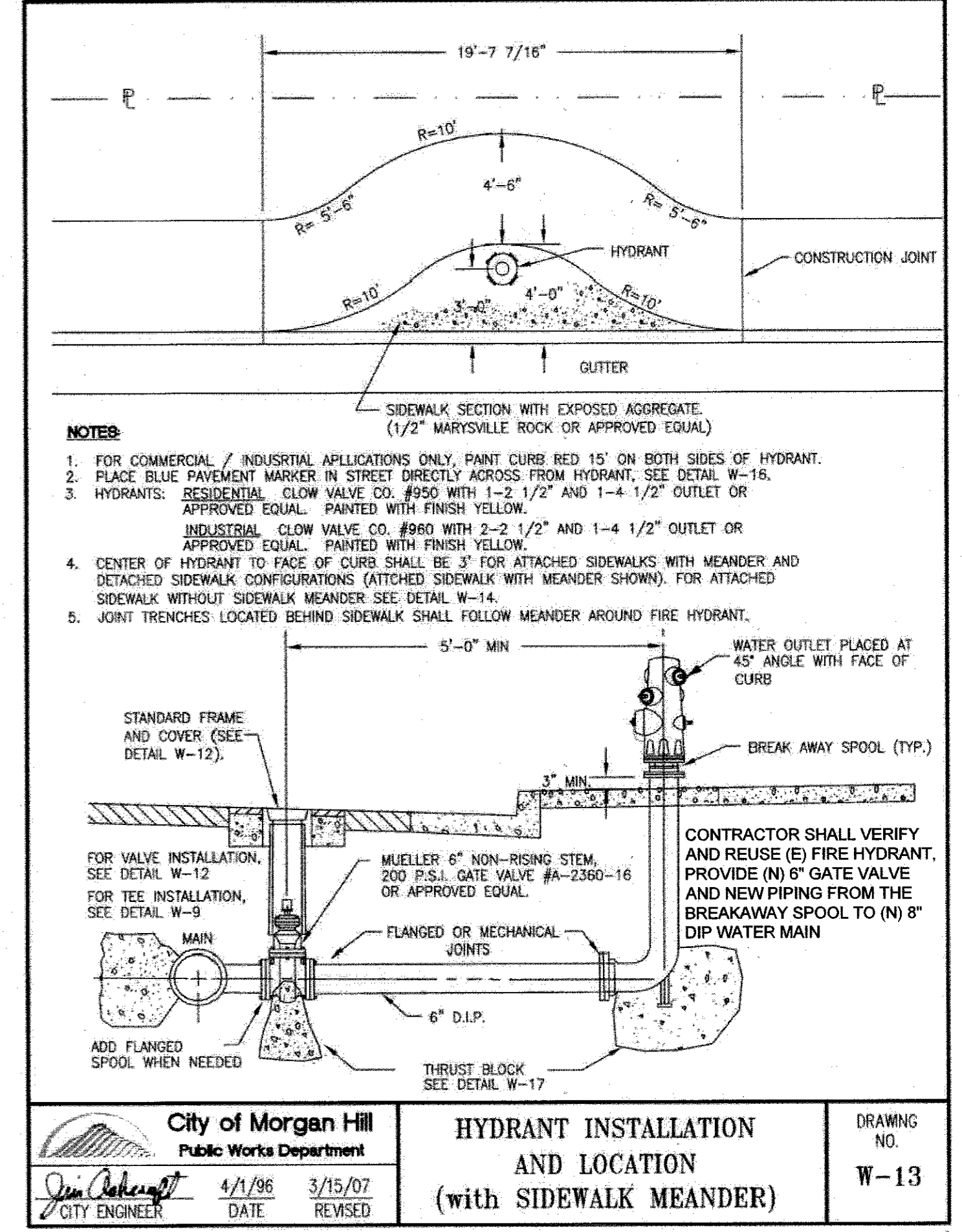
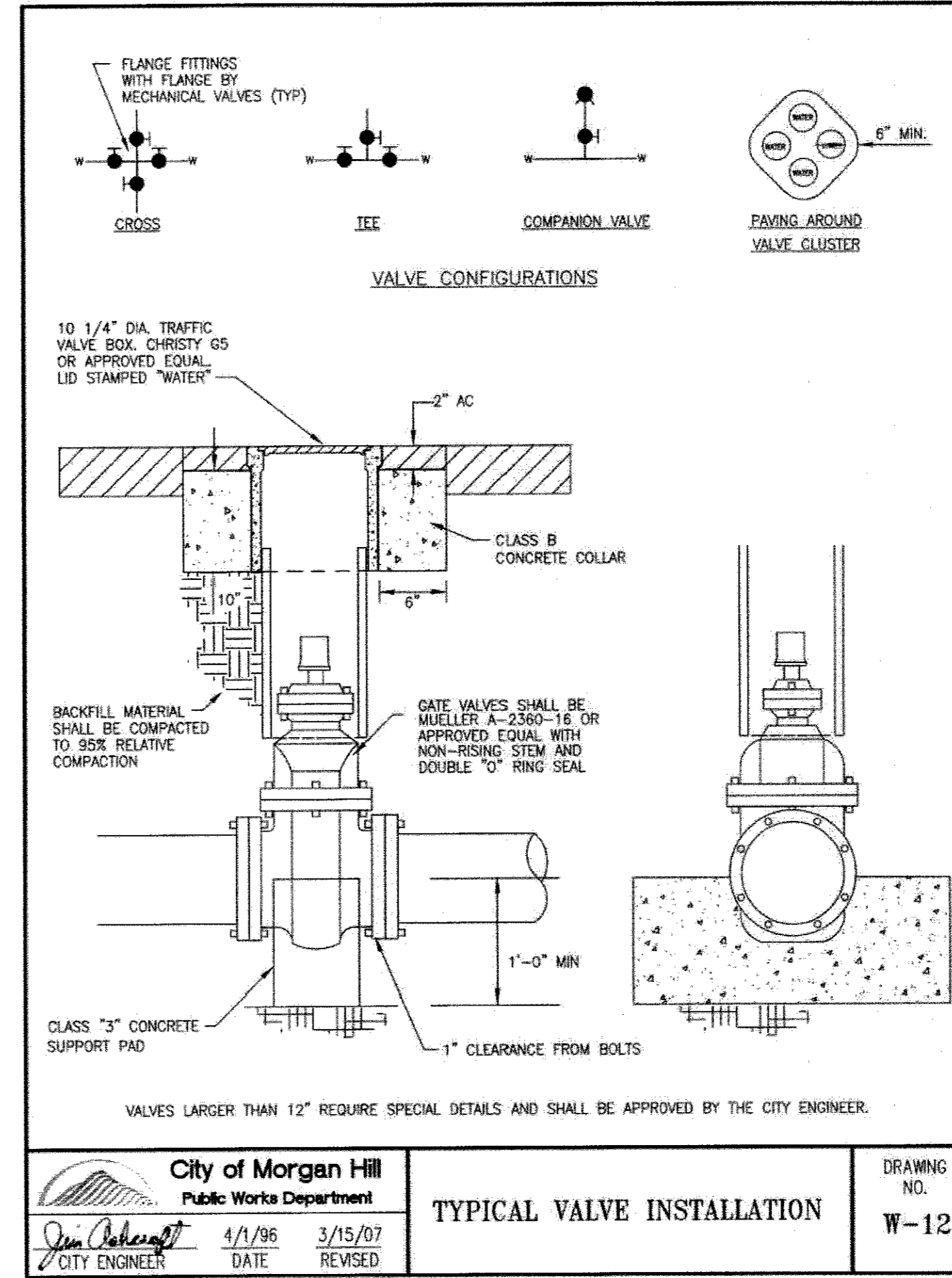
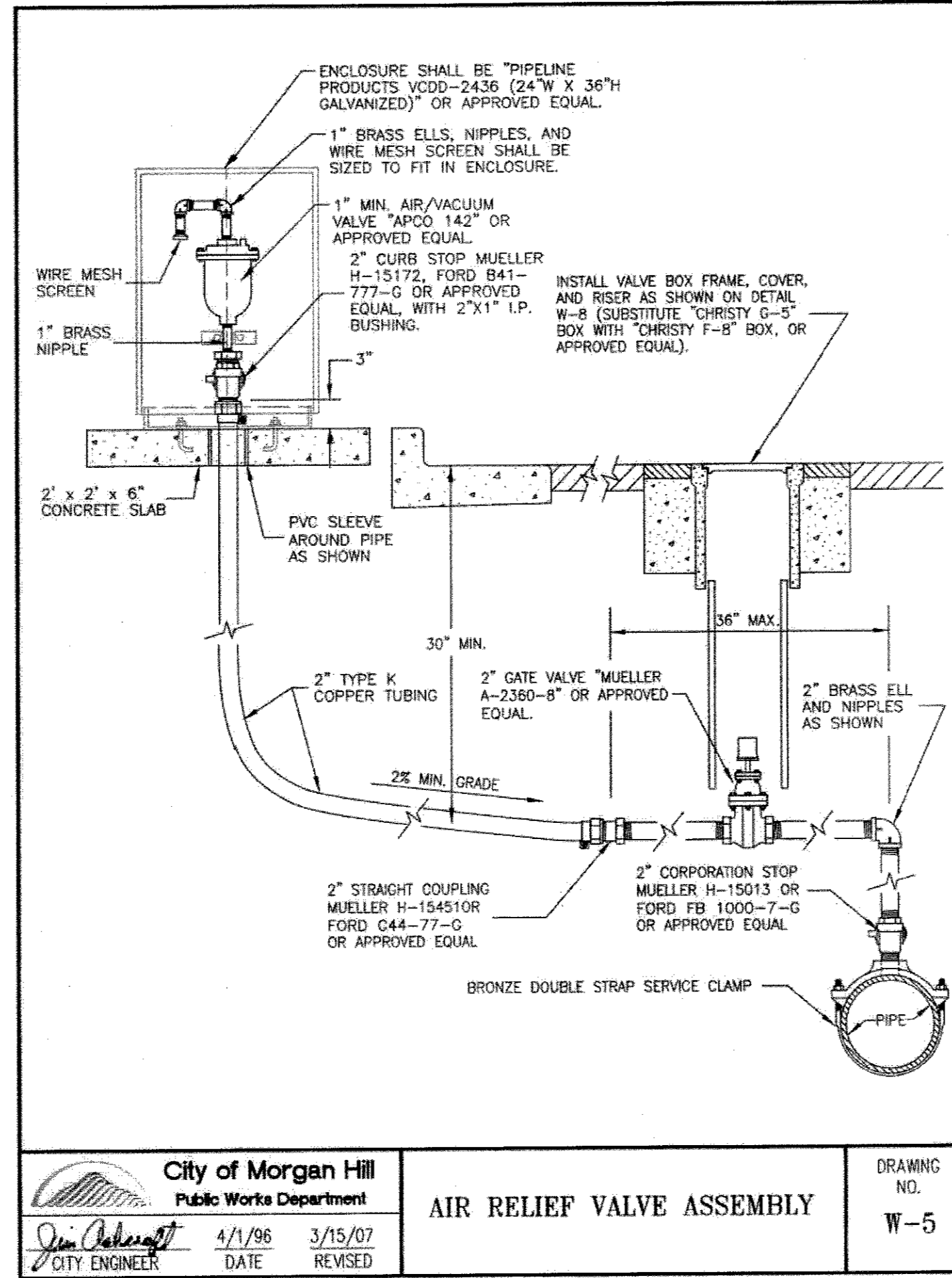
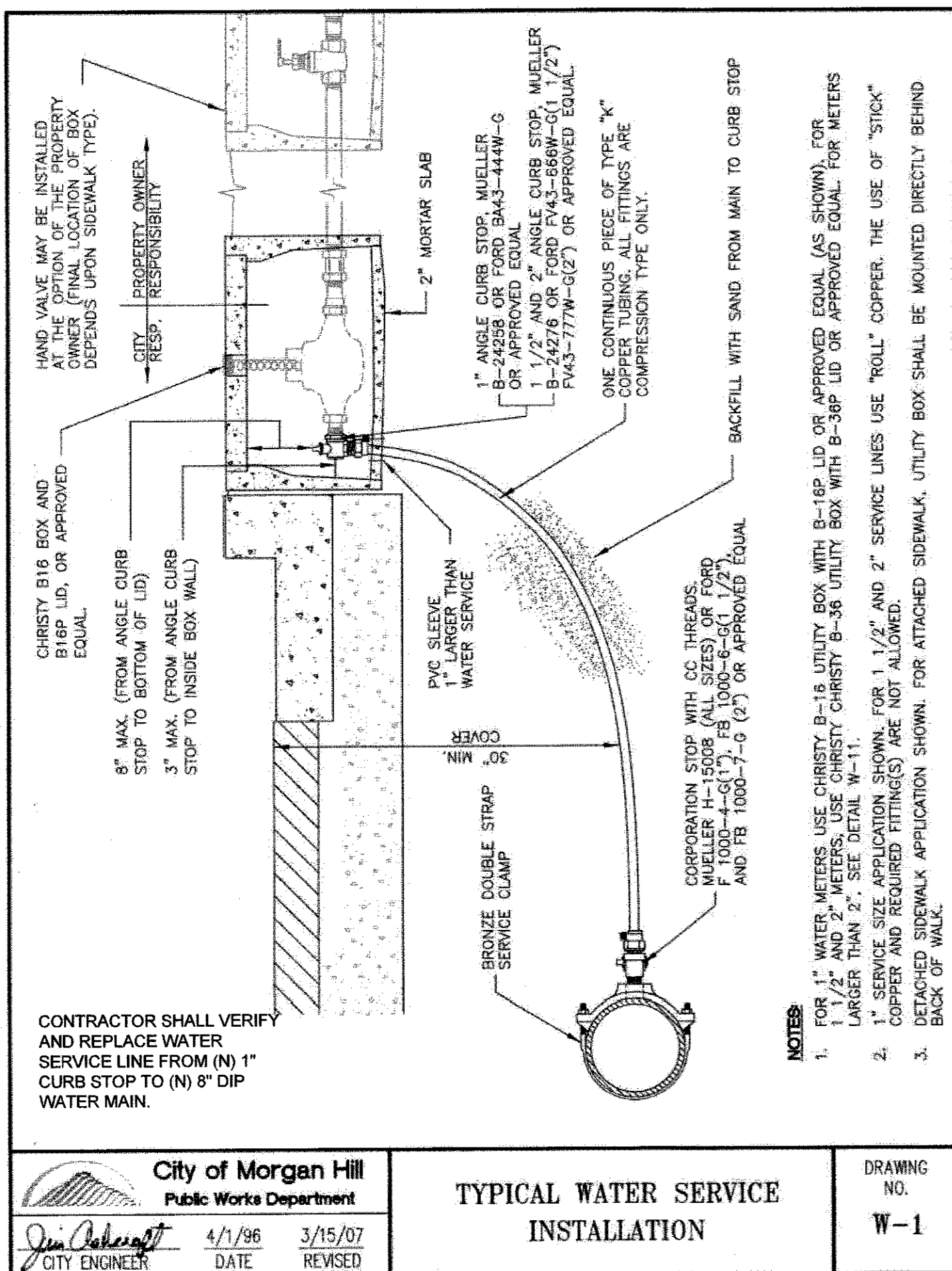
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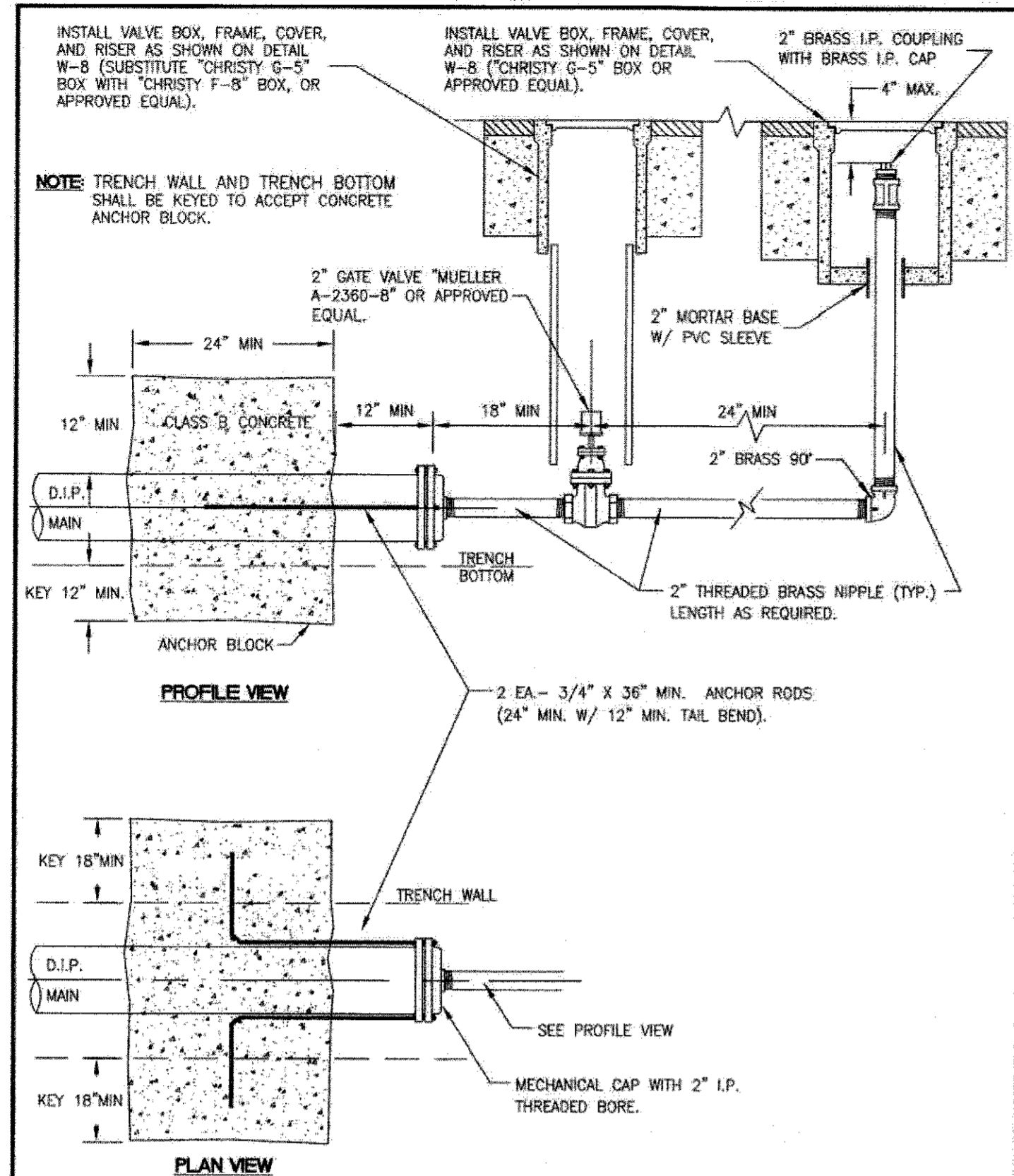
- CONTRACTOR SHALL SUPPORT CROSSINGS, PARALLEL AND WITHIN SAME TRENCH UTILITIES EXPOSED DURING CONSTRUCTION AND PROTECT THEM FROM ANY DAMAGE.
- CONTRACTOR SHALL COORDINATE WITH CITY FOR THE LOCATION OF THE NEW HYDRANTS PRIOR TO CONSTRUCTION.



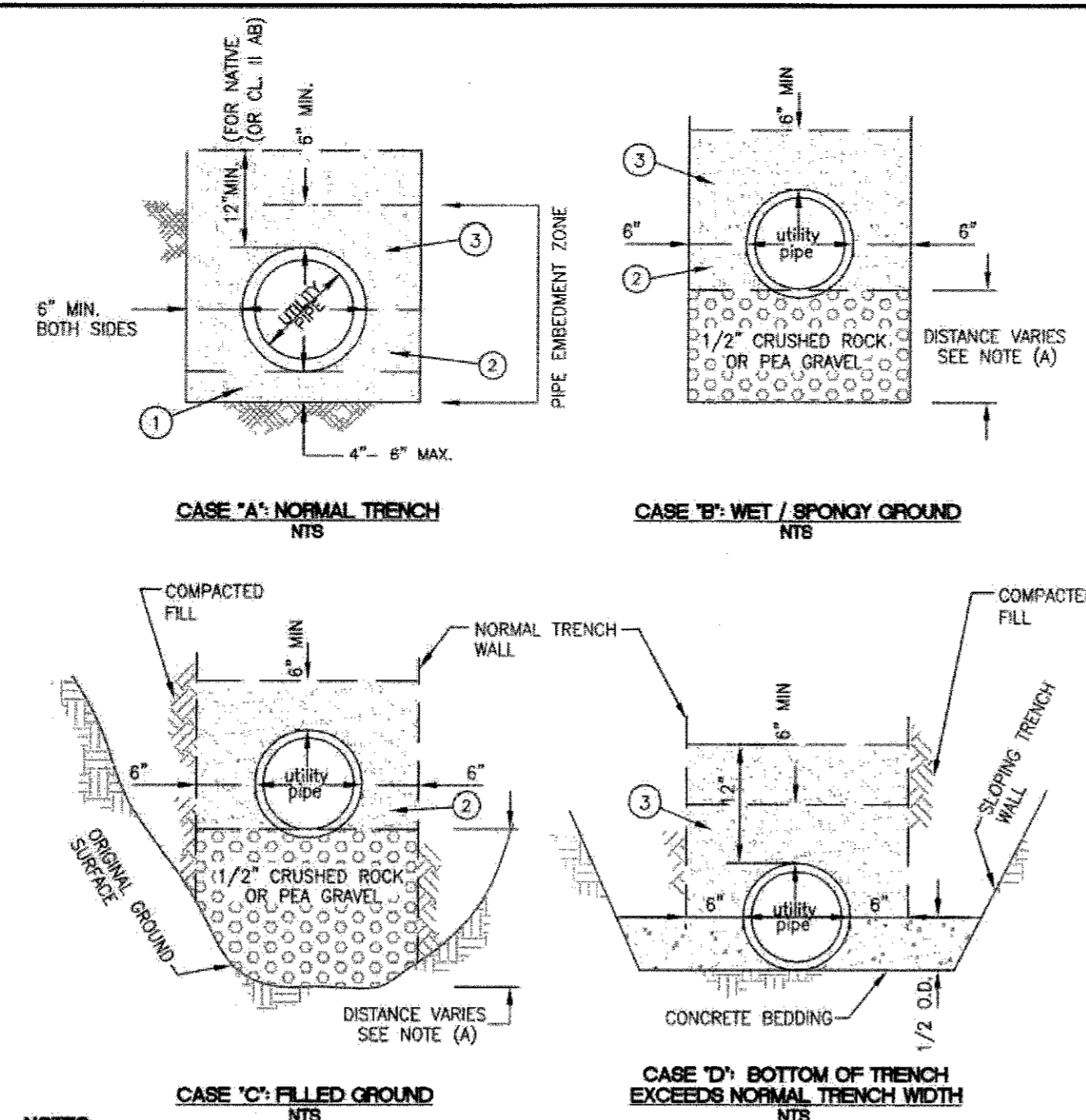
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<div> <div> AS-BUILT CORRECTIONS </div> <div> SCOTT CREER - CITY ENGINEER R.C.E. #58879 EXP. 06/30/2023 </div> </div>					
<div> <div> City of Morgan Hill Public Works Department </div> <div> 17575 Peak Ave., Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236 </div> </div>					
<div> <div> MOTT MACDONALD </div> <div> 2077 GATEWAY PLACE SUITE 550 SAN JOSE, CA 95110 WWW.MOTTMAC.COM </div> </div>					
<div> <div> PLAN AND PROFILE STA 20+00 TO 23+51 HILLTOP COURT JACKSON OAKS WATER MAIN PROJECT </div> <div> FILE NUMBER: File No PRINT DATE: 3/16/2023 SHEET NUMBER: 7 OF 9 </div> </div>					



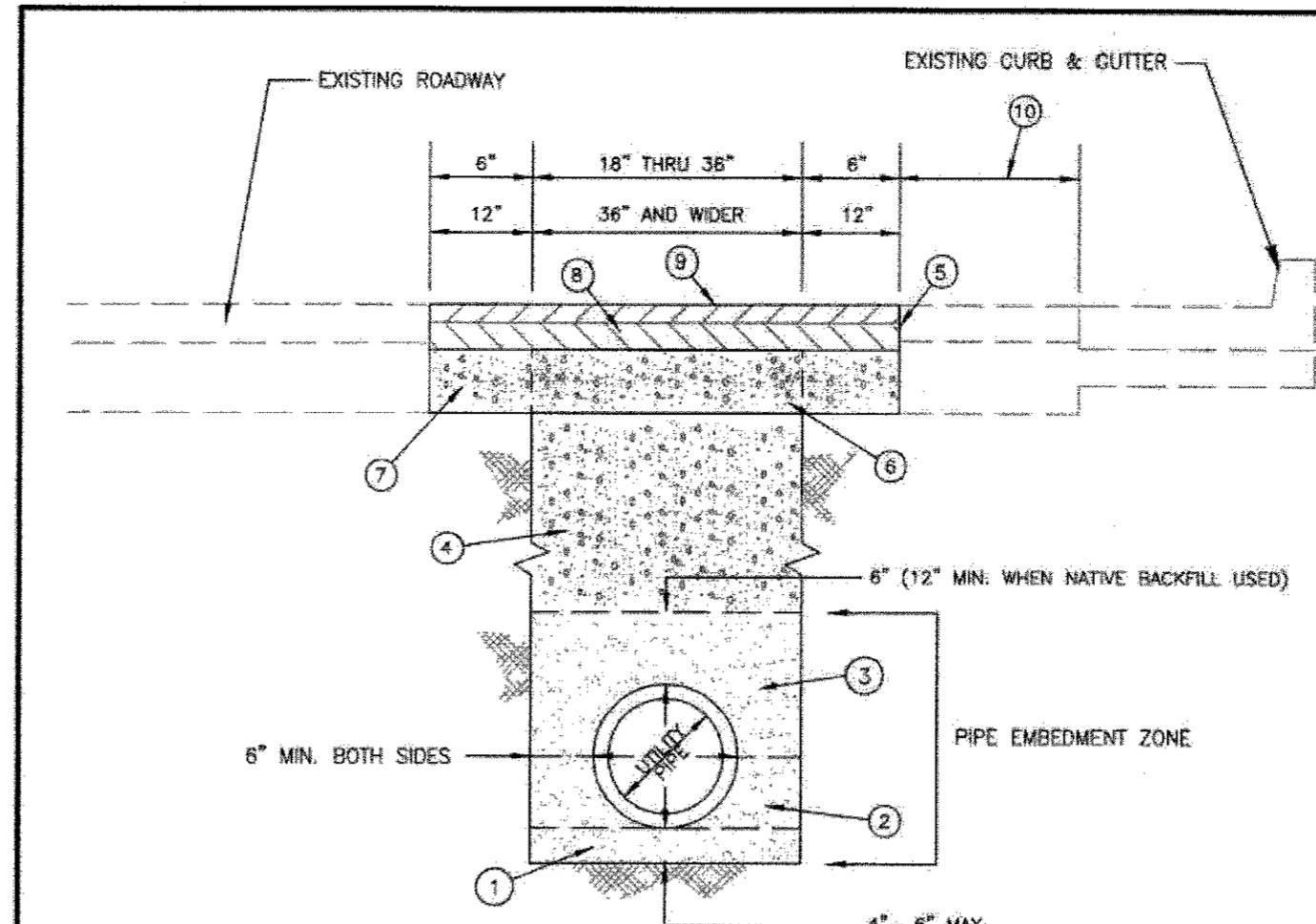


City of Morgan Hill Public Works Department			BLOW OFF		DRAWING NO. W-20
<i>Jim Obercraft</i> CITY ENGINEER	4/1/96 DATE	3/15/07 REVISED			



- NOTES:**
- (A) DISTANCE WILL VARY BASED UPON FIELD CONDITIONS, AND SOILS REPORT RECOMMENDATIONS.
- (B) PIPE EMBEDMENT SHALL CONFORM TO THE PRACTICE RECOMMENDED FOR CLASS III MATERIAL (SAND) IN ASTM D 2321 "UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS".
- ① SAND BEDDING; HAND PLACED AND COMPACTED TO MIN. 90% RELATIVE COMPACTION, 4" MIN. TO 6" MAX.
- ② HAUNCHING; HAND PLACED AND COMPACTED TO MIN. 90% RELATIVE COMPACTION TO SPRING LINE OF PIPE.
- ③ INITIAL BACKFILL, INSTALL AND COMPACT TO A MINIMUM OF 6" ABOVE PIPE CROWN (12" MIN. FOR NATIVE).


City of Morgan Hill Public Works Department			TRENCH BEDDING		DRAWING NO. U-1
<i>Jim Obercraft</i> CITY ENGINEER	4/1/96 DATE	3/15/07 REVISED			



- NOTES:**
- A. PIPE EMBEDMENT SHALL CONFORM TO THE PRACTICE RECOMMENDED FOR CLASS III MATERIAL (SAND) IN ASTM D 2321 "UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS".
- ① SAND BEDDING; HAND PLACED AND COMPACTED TO MIN. 90% RELATIVE COMPACTION, 4" MIN. TO 6" MAX.
- ② HAUNCHING; HAND PLACED AND COMPACTED SAND TO MIN. 90% RELATIVE COMPACTION TO SPRING LINE OF PIPE.
- ③ INITIAL SAND BACKFILL, INSTALL AND COMPACT TO A MINIMUM OF 6" ABOVE PIPE CROWN (12" MIN. FOR NATIVE).
- ④ 100% CLASS 2 AGGREGATE BASE ROCK BACKFILL COMPACTED IN LIFTS TO 95% RELATIVE COMPACTION. FLOODING OR JETTING SHALL ONLY BE ALLOWED UPON CITY ENGINEER APPROVAL. NATIVE BACKFILL MAY BE USED DURING THE CONSTRUCTION OF NEW STREETS ONLY AND SHALL BE USED ONLY UPON APPROVAL OF THE CITY ENGINEER AND UPON THE RECOMMENDATION OF A QUALIFIED SOILS ENGINEER/SOILS REPORT.
- ⑤ SAW CUT EXISTING PAVEMENT, ALL VERTICAL EDGES SHALL BE TACKED PRIOR TO PAVING.
- ⑥ 8" (MIN) CLASS 2 AGGREGATE BASE ROCK, COMPACTED TO 95% RELATIVE COMPACTION.
- ⑦ AT THE DISCRETION OF THE PROJECT INSPECTOR, THE EXISTING BASE ROCK MAY REMAIN FOR THIS TRENCH WIDTH PROVIDED THAT THE BASE ROCK IS COMPACTED AND IS NOT CONTAMINATED.
- ⑧ MATCH EXIST. AC SECTION OR 6" MIN. IN 2 LIFTS. BASE COURSE TO BE 3/4" TYPE B AC, AND SURFACE COURSE TO BE 1/2" TYPE B AC.
- ⑨ SURFACE SHALL BE FOG SEALED AFTER PAVING. EXISTING ROADWAY SURFACE SHALL BE REPLACED IN KIND.
- ⑩ IF DISTANCE IS LESS THAN 3 FEET, PAVEMENT RESTORATION SHALL EXTEND TO LIP OF GUTTER.

City of Morgan Hill Public Works Department			TRENCH RESTORATION/BACKFILL FOR TRENCH WIDTHS GREATER THAN 18"		DRAWING NO. U-3
<i>Jim Obercraft</i> CITY ENGINEER	4/1/96 DATE	3/15/07 REVISED			

				WORK ACCEPTED:	INSPECTOR:	DRAWN:	IER, RM	DESIGN:	JH	HOR:	NTS
				AS-BUILT CORRECTIONS		CHECKED:	RLC			VERT:	NTS
NO.	DESCRIPTION	DATE	BY	BY:	DATE:	APPROVED:	DATE:		3/21/22	JOB NUMBER:	100191
Revisions						SCOTT CREER- CITY ENGINEER R.C.E. #58879 EXP. 06/30/2023					



City of Morgan Hill

Public Works Department

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CITY STANDARD DETAILS

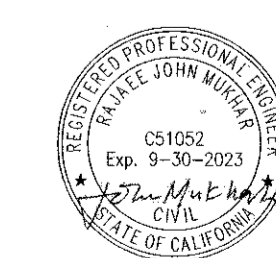
JACKSON OAKS

WATER MAIN PROJECT

FILE NUMBER:
File No

PRINT DATE:
2/1/2023

SHEET NUMBER:
9 OF 9



SHEET TITLE 5