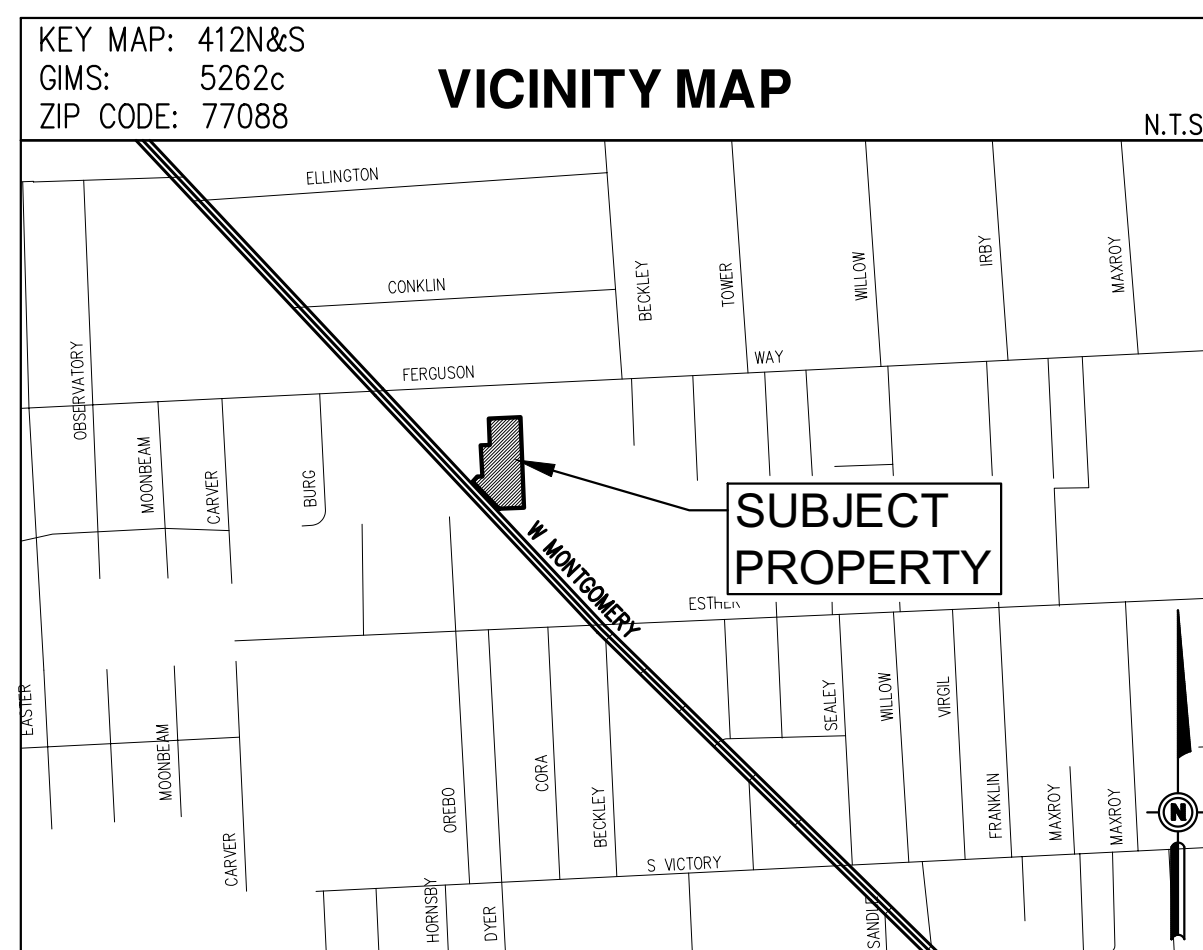
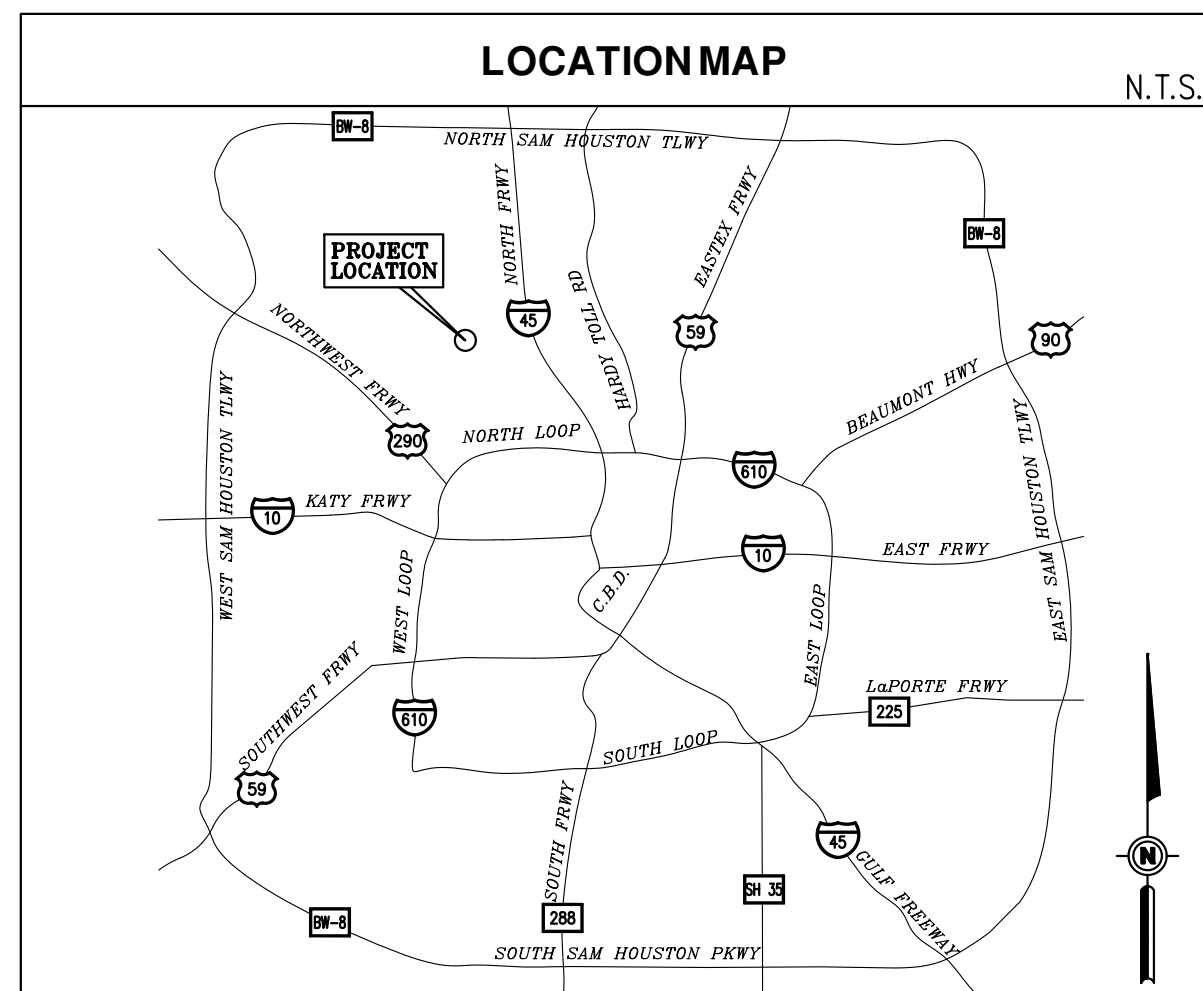


CONSTRUCTION PLANS FOR PROPOSED 24" STORM SEWER, 8" SANITARY SEWER, 6" WATER LINE CONNECTION AND PROPOSED MEDIAN CLOSURE TO SERVE 9116 W. MONTGOMERY ROAD CITY OF HOUSTON, TEXAS 77088



SHEET NUMBER	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	OVERALL SITE PLAN
4	PLAN & PROFILE
5	DETAILS
6	DETAILS

THIS PROJECT INCLUDES WORK TO BE PERFORMED IN THE CITY OF HOUSTON'S RIGHT OF WAY AND EASEMENTS. DRAWINGS MUST BE APPROVED AND PERMITTED PRIOR TO BEGINNING CONSTRUCTION.

CONTACT REQUIRED SECTIONS BELOW AS INDICATED

- PERMITS 1002 Washington (2nd Floor)
- PAVING 832-394-9578
 - STORM 832-394-9579
 - ALLEY 832-394-8851
 - STREET CUT / EXCAVATION 832-394-9101
- PERMITS 1002 Washington (3rd Floor)
- SANITARY 832-394-8971
 - WATER 832-394-8971

**ONE CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG !!!**
811 (IN HOUSTON)
(NEW STATEWIDE NUMBER OUTSIDE HOUSTON)
1-800-344-8377

UTILITY AVAILABILITY LETTERS

WATER AND WASTEWATER ILMS PROJECT NUMBER: 20105801 FEBRUARY 22, 2021	28.0 SERVICE UNITS ON 2.1396 ACRES AT 9116 W. MONTGOMERY RD. (28 S.F.R.)
STORMWATER INFORMATION FORM LOG NO. 2021-00714	

NOTE:
PROPOSED DRIVEWAYS, SIDEWALKS, AND
DETENTION CALCULATIONS WILL BE PERMITTED
UNDER CITY OF HOUSTON ILMS NO. 21023933.

CONTRACTOR SHALL NOTIFY HOUSTON PUBLIC WORKS, OFFICE OF THE CITY ENGINEER, 48 HOURS BEFORE STARTING WORK ON THIS PROJECT. TELEPHONE NO. 832-394-9098

FLOOD INFORMATION

F.I.R.M. NO.: 480296 PANEL: 0465M
REVISED DATE: JUNE 09, 2014 ZONE: X-UNSHADED
BASE FLOOD ELEVATION: N/A
DESIGNATED FLOOD ELEVATION: N/A
TOPOGRAPHIC SURVEY DATED: MARCH 2021
PREPARED BY: MOMENTUM ENGINEERING & SURVEYING

11/30/21

NO.	REVISION DESCRIPTION	BY	DATE
3.			
2.			
1.			

PIONEER ENGINEERING
7050 EAST FREEWAY, SUITE 1A, HOUSTON, TEXAS 77020
(832) 307-0010
FIRM NO. 18084

ISSUED: SEPTEMBER 2021	PEPN: 21026
DRAWN BY: MG	CHECKED BY: AG

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES.

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

WATER <u>9/29/2022</u> WASTE WATER <u>9/29/2022</u> STORM WATER	STORM WATER QUALITY FACILITIES Juan Pirir 10/10/2022 TRAFFIC & TRANSPORTATION/ STREET & BRIDGE
---	---

CITY ENGINEER	DATE	DIRECTOR OF HOUSTON PUBLIC WORKS	DATE
---------------	------	----------------------------------	------

SHEET NO. 1 OF 6

FOR CITY OF HOUSTON USE ONLY

HOUSTON PUBLIC WORKS
ACCEPTED AND FILED
74186
CITY DRAWING NUMBER
Approval Date 10/31/22
HOUSTON TX

ILMS # 21026619

- PLACE 1 FULL SECTION (MIN 18 FT) OF SS CENTERED AT W.L. CROSSING. PROVIDE RESTRAINED JOINTS ON SS, SPACED AT 9 FT HORIZONTALLY FROM CENTERLINE OF W.L.
- PLACE 1 FULL SECTION (MIN 18 FT) OF W.L. CENTERED AT SS CROSSING. PROVIDE RESTRAINED JOINTS ON W.L. SPACED AT 9 FT HORIZONTALLY FROM CENTERLINE OF SS.

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.

TS&V NEEDS TO BE 5' MIN FROM BELLS, FITTINGS, VALVES ETC. CONTRACTOR TO FIELD VERIFY TAPPING LOCATION PRIOR TO TAPPING OR METER INSTALLATION. IF ANY FITTINGS, VALVES, BELLS ETC. ARE FOUND WITHIN 5' OF TS&V CONTRACTOR IS TO CONTACT ENGINEER SO REVISIONS CAN BE MADE

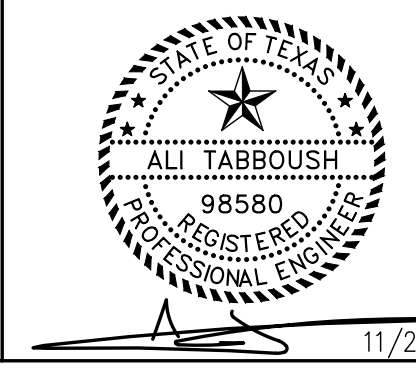
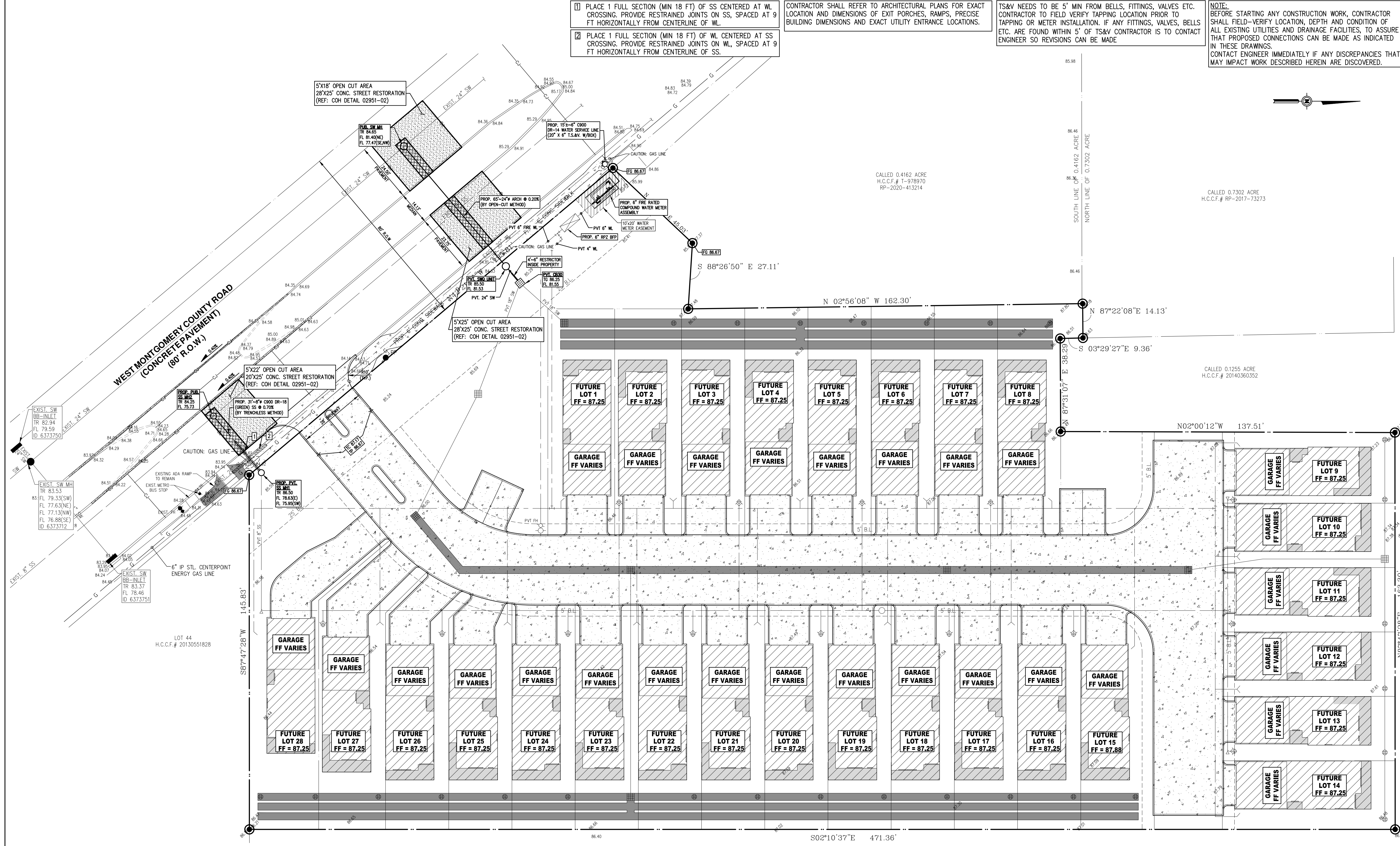
NOTE:
BEFORE STARTING ANY CONSTRUCTION WORK, CONTRACTOR SHALL FIELD-VERIFY LOCATION, DEPTH AND CONDITION OF ALL EXISTING UTILITIES AND DRAINAGE FACILITIES, TO ASSURE THAT PROPOSED CONNECTIONS CAN BE MADE AS INDICATED IN THESE DRAWINGS.
CONTACT ENGINEER IMMEDIATELY IF ANY DISCREPANCIES THAT MAY IMPACT WORK DESCRIBED HEREIN ARE DISCOVERED.

SURVEYOR
MOMENTUM ENGINEERING SURVEYING
12651 BRIAR FOREST, SUITE 350
HOUSTON, TEXAS, 77077
PHONE: 281-741-1998

BENCHMARK
ELEVATIONS SHOWN HEREON ARE BASED ON HCFRM/FIRM RM 050280.
ELEVATION = 83.05 FEET NAVD 88 2001 ADJUSTMENT

LEGEND

- PROPERTY LINE
- PROPOSED STORM SEWER LINE
- PROPOSED SANITARY SEWER
- PROPOSED WATER LINE
- EXISTING GAS LINE
- FIRE HYDRANT (FH) G.V. & BOX
- MANHOLE
- SS CLEANOUT
- PROPOSED FINISH GRADE ELEVATION
- PROPOSED FINISH GRADE
- PROPOSED TOP OF PAVEMENT
- PROPOSED TOP OF CURB
- PROPOSED TOP OF GRATE
- PROPOSED FLOWLINE
- EXISTING POWER POLE
- PROPOSED RESTORATION AREA
- PROPOSED WORK AREA



NOTICE:
FOR YOUR SAFETY, YOU ARE REQUIRED BY TEXAS LAW TO CALL 811 AT LEAST 48 HOURS BEFORE YOU DIG SO THAT UNDERGROUND LINES CAN BE MARKED. THIS SIGNATURE DOES NOT FULFILL YOUR OBLIGATION TO CALL 811.

VERIFICATION OF PRIVATE UTILITY LINES
Mike Browne DATE 09-19-22

CENTERPOINT ENERGY/GAS FACILITIES/ENTEX INCORPORATED
(GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT TO BE USED FOR CONFLICT VERIFICATION.
SIGNATURE VALID FOR SIX MONTHS.

Mike Browne DATE 09-19-22
CENTERPOINT ENERGY/UNDERGROUND ELECTRICAL FACILITIES VERIFICATION ONLY.
(THIS SIGNATURE VERIFIES EXISTING UNDERGROUND FACILITIES - NOT TO BE USED FOR CONFLICT VERIFICATION)
SIGNATURE VALID FOR SIX MONTHS.

John Cowart 6/6/22/2021
APPROVED FOR AT&T UNDERGROUND CONDUIT FACILITIES ONLY.
SIGNATURE VALID FOR ONE YEAR.

PIONEER ENGINEERING
7050 EAST FREEWAY, SUITE 1A, HOUSTON, TEXAS 77020
(832) 307-0010
FIRM NO. 18084

NO.	DATE	REVISION	APP.
1			

ISSUED: SEPTEMBER 2021 PEPN: 21026
DRAWN BY: MG CHECKED BY: AG

CONSTRUCTION PLANS TO SERVE
9116 W. MONTGOMERY ROAD
HOUSTON, TX 77088

OVERALL SITE PLAN

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

WATER	STORM WATER QUALITY
WASTE WATER	FACILITIES
STORM WATER	TRAFFIC & TRANSPORTATION/ STREET & BRIDGE

FILE NO. _____ HORIZ: 1" = 20'

SHEET NO. 3 OF 6 DRAWING SCALE _____
FOR CITY OF HOUSTON USE ONLY



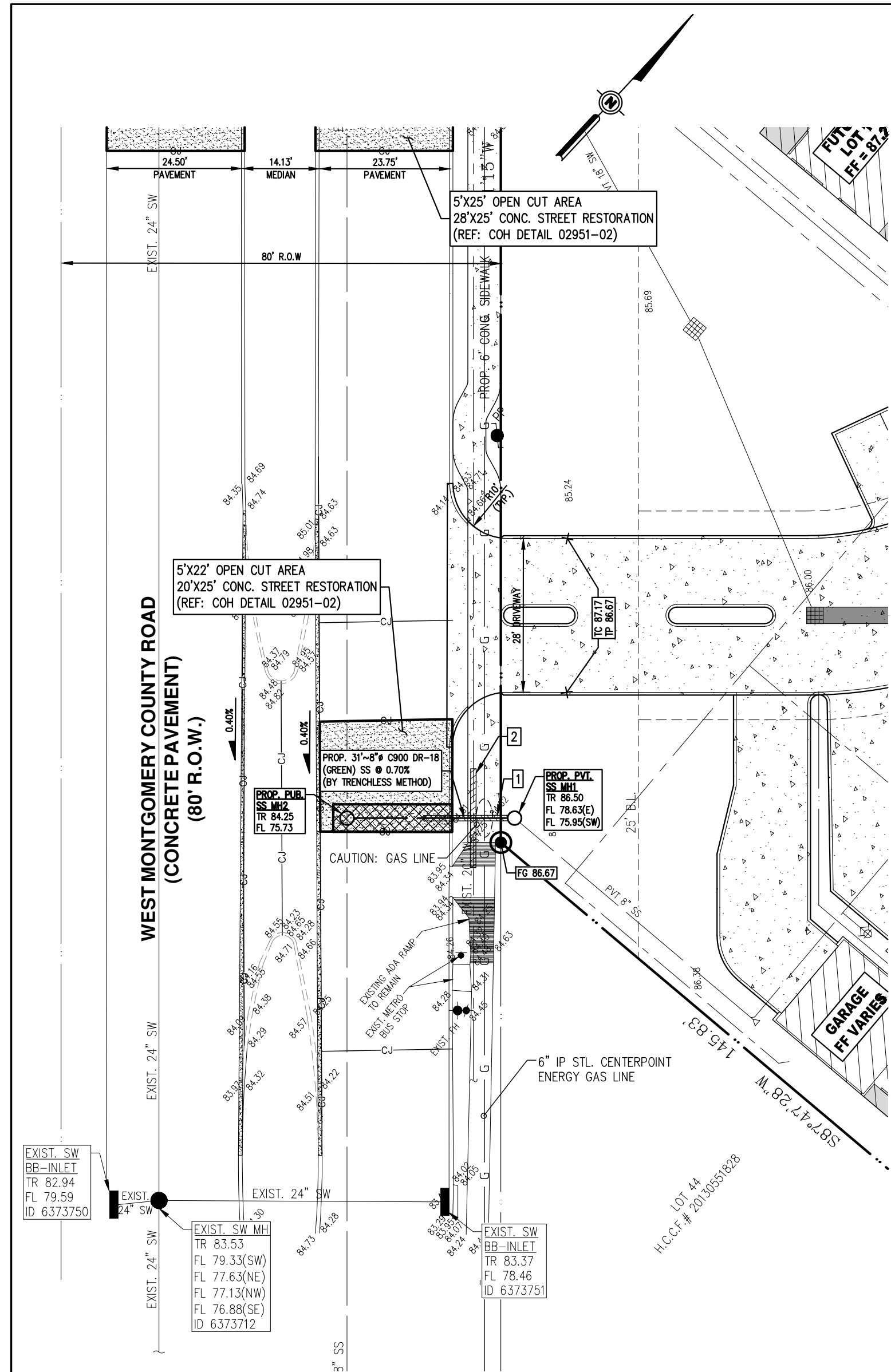
LOT 23
IVA MARIE ENGLAND
H.C.C.F.# J-81248

LOT 44
H.C.C.F.# 20130551828

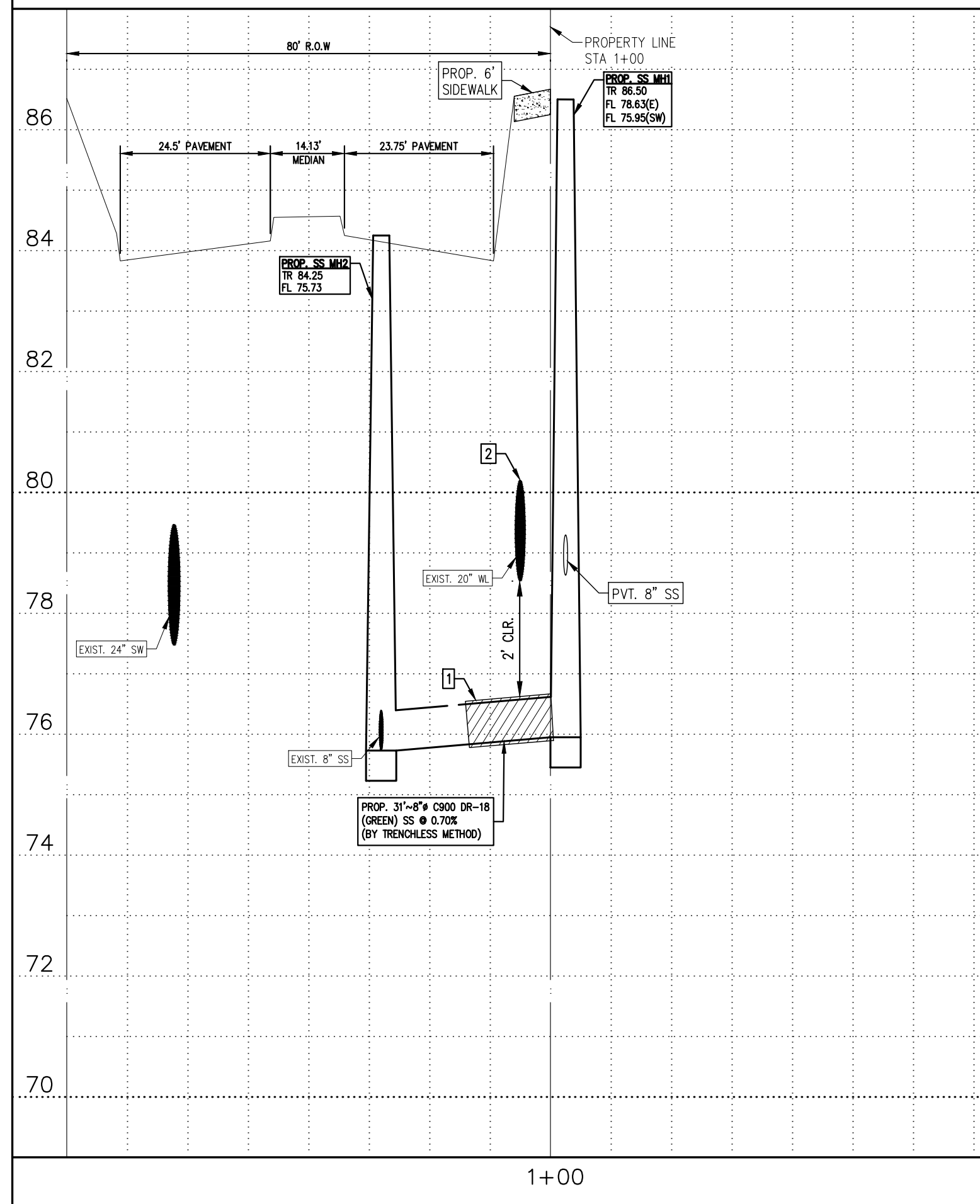
CALLED 0.7302 ACRE
H.C.C.F.# RP-2017-73273

CALLED 0.4162 ACRE
H.C.C.F.# T-978970
RP-2020-413214

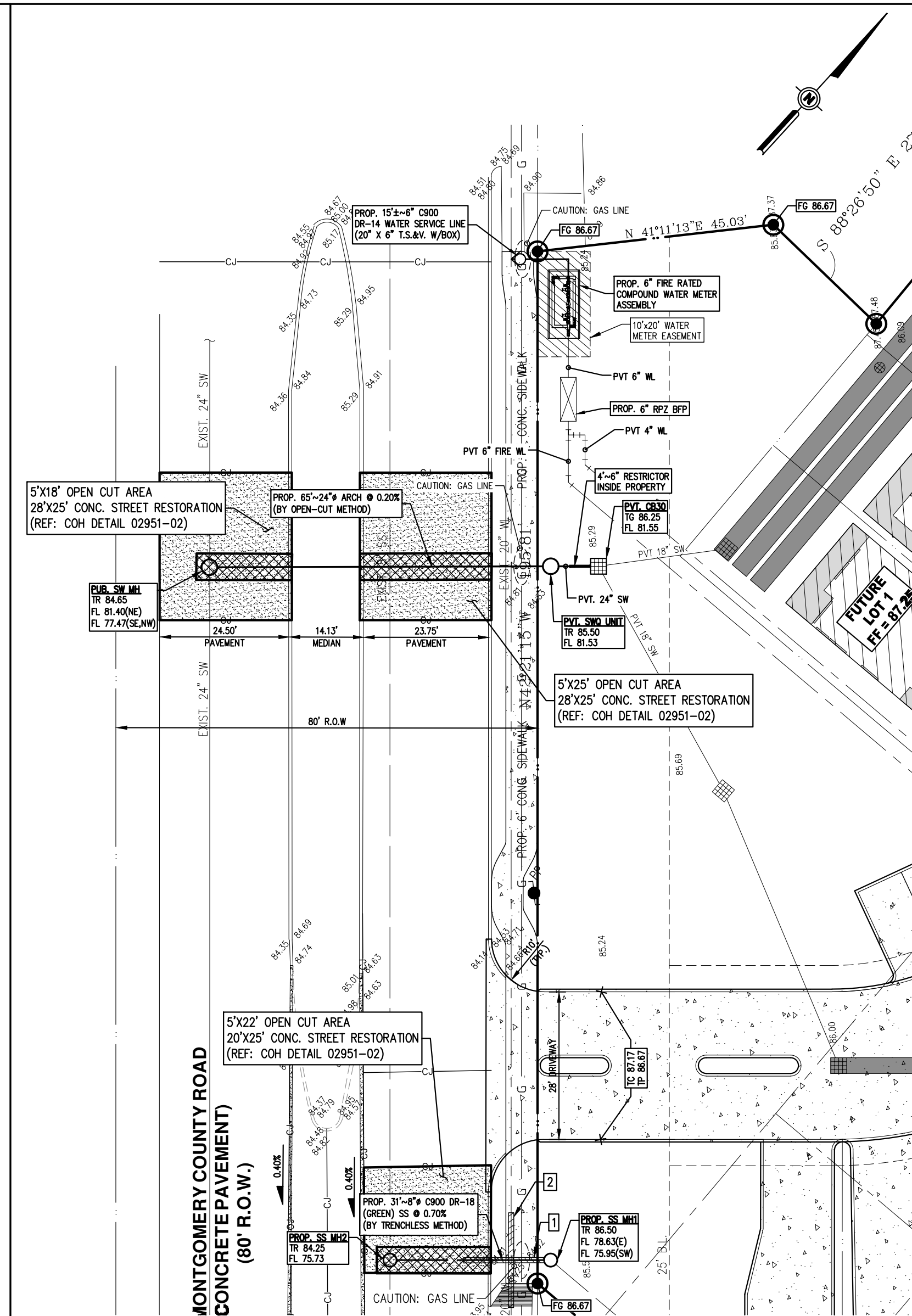
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H.C.C.F.# 20140360352



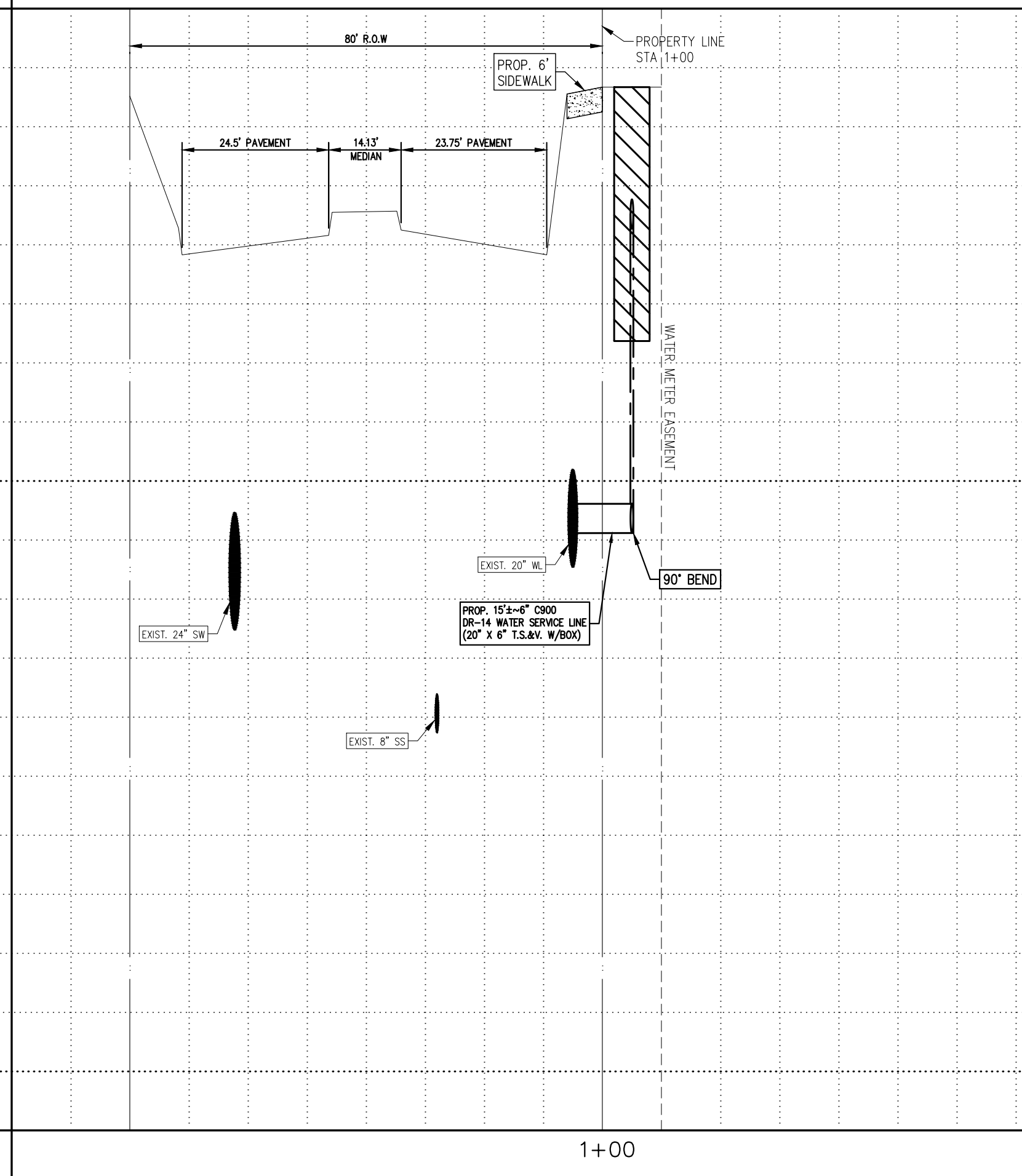
SANITARY SEWER CONNECTION



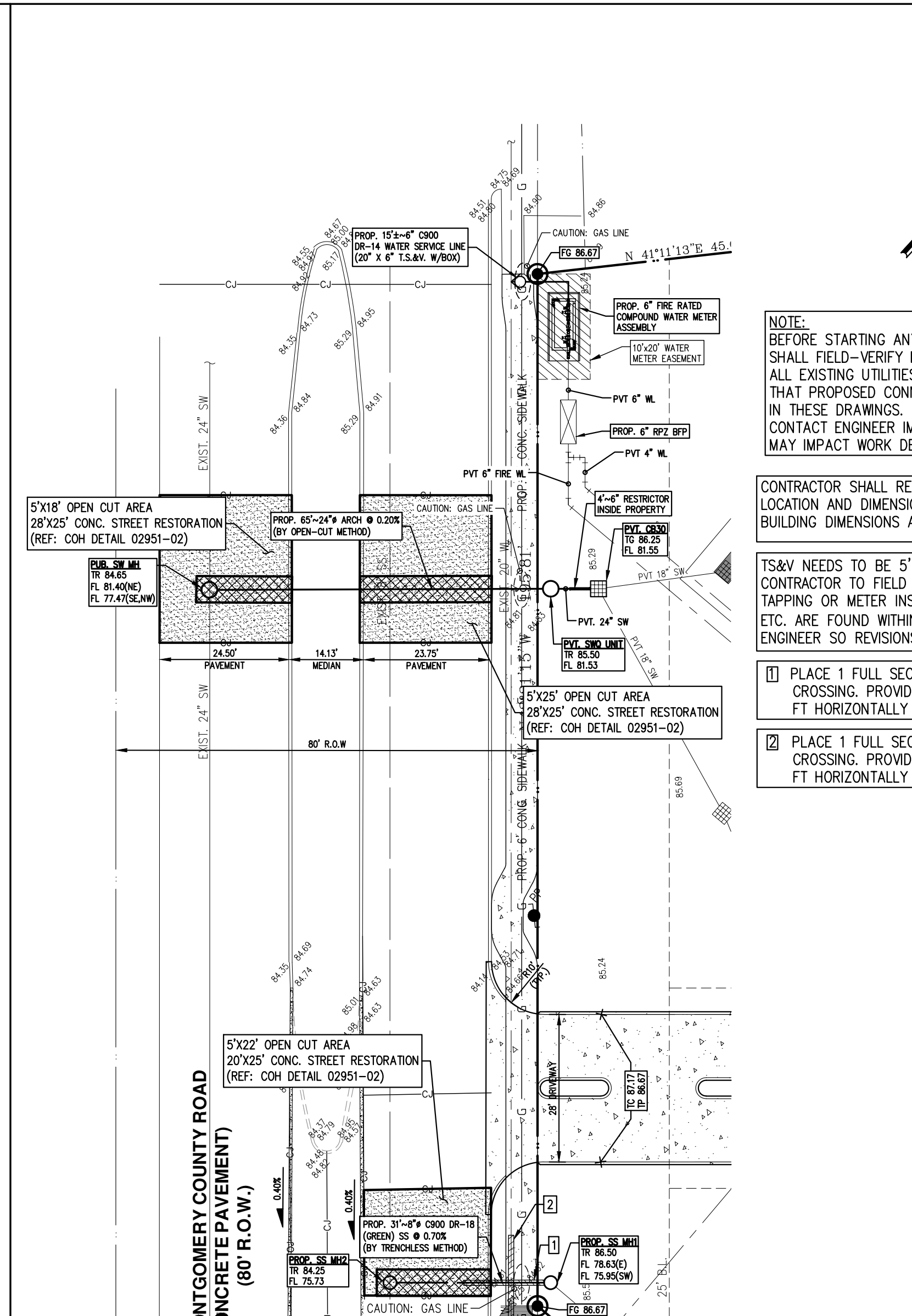
1+00



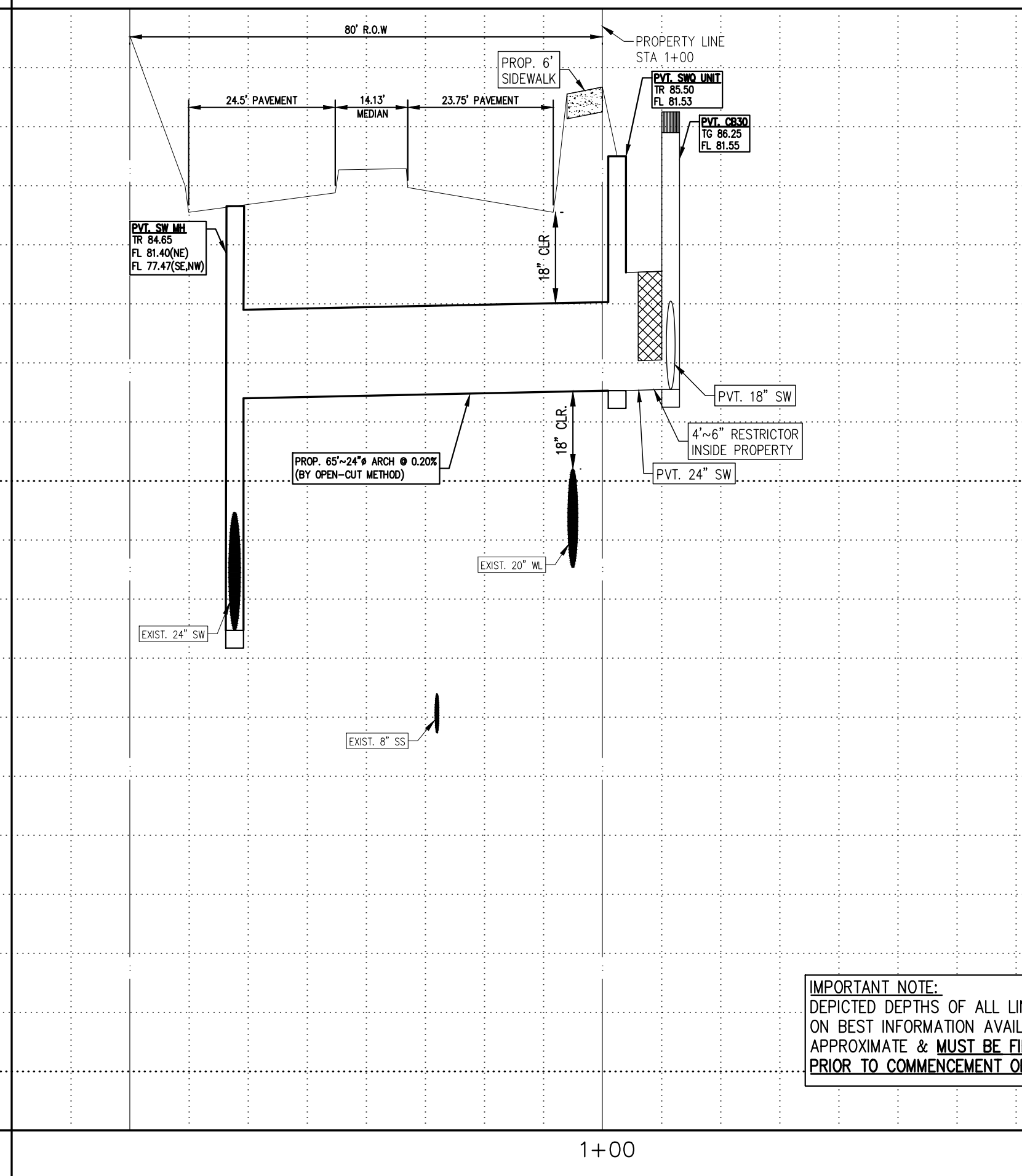
WATER LINE CONNECTION



1+00



STORM SEWER CONNECTION



1+00

NOTE:
BEFORE STARTING ANY CONSTRUCTION WORK, CONTRACTOR SHALL FIELD-VERIFY LOCATION, DEPTH AND CONDITION OF ALL EXISTING UTILITIES AND DRAINAGE FACILITIES, TO ASSURE THAT PROPOSED CONNECTIONS CAN BE MADE AS INDICATED IN THESE DRAWINGS.
CONTACT ENGINEER IMMEDIATELY IF ANY DISCREPANCIES THAT MAY IMPACT WORK DESCRIBED HEREIN ARE DISCOVERED.

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT UTILITY ENTRANCE LOCATIONS.

TS&W NEEDS TO BE 5' MIN FROM BELLS, FITTINGS, VALVES ETC. CONTRACTOR TO FIELD VERIFY TAPPING LOCATION PRIOR TO TAPPING OR METER INSTALLATION. IF ANY FITTINGS, VALVES, BELLS ETC. ARE FOUND WITHIN 5' OF TS&W CONTRACTOR IS TO CONTACT ENGINEER SO REVISIONS CAN BE MADE.

- PLACE 1 FULL SECTION (MIN 18 FT) OF SS CENTERED AT WL CROSSING. PROVIDE RESTRAINED JOINTS ON SS, SPACED AT 9 FT HORIZONTALLY FROM CENTERLINE OF WL.
- PLACE 1 FULL SECTION (MIN 18 FT) OF WL CENTERED AT SS CROSSING. PROVIDE RESTRAINED JOINTS ON WL, SPACED AT 9 FT HORIZONTALLY FROM CENTERLINE OF SS.

IMPORTANT NOTE:
DEPICTED DEPTHS OF ALL LINES SHOWN HEREIN ARE BASED ON BEST INFORMATION AVAILABLE TO ENGINEER. ARE APPROXIMATE & MUST BE FIELD-VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.

SURVEYOR
MOMENTUM ENGINEERING SURVEYING
12651 BRIAR FOREST, SUITE 350
HOUSTON, TEXAS, 77077
PHONE: 281-741-1998

BENCHMARK
ELEVATIONS SHOWN HEREON ARE BASED ON HCFRM/FIRM RM 050280.
ELEVATION = 83.05 FEET NAVD 88 2001 ADJUSTMENT

LEGEND

---	PROPERTY LINE
---	PROPOSED STORM SEWER LINE
---	PROPOSED SANITARY SEWER
---	PROPOSED WATER LINE
---	EXISTING GAS LINE
---	FIRE HYDRANT (FH)
---	G.V. & BOX
○	MANHOLE
○	SS CLEANOUT
FF XX.XX	PROPOSED FINISH FLOOR ELEVATION
FG XX.XX	PROPOSED FINISH GRADE
TP XX.XX	PROPOSED TOP OF PAVEMENT
TC XX.XX	PROPOSED TOP OF CURB
TG XX.XX	PROPOSED TOP OF GRATE
FL XX.XX	PROPOSED FLOWLINE
PP	EXISTING POWER POLE
▨	PROPOSED RESTORATION AREA
▨	PROPOSED WORK AREA

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VERIFICATION OF PRIVATE UTILITY LINES

Mike Browne DATE 09-19-22
 CENTERPOINT ENERGY/GAS FACILITIES/ENTEX INCORPORATED
 (GAS SERVICE LINES ARE NOT SHOWN). THIS SIGNATURE NOT BE USED FOR CONFLICT VERIFICATION.
 SIGNATURE VALID FOR SIX MONTHS.

Mike Browne DATE 09-19-22
 CENTERPOINT ENERGY/UNDERGROUND ELECTRICAL FACILITIES VERIFICATION ONLY.
 (THIS SIGNATURE VERIFIES EXISTING UNDERGROUND FACILITIES - NOT TO BE USED FOR CONFLICT VERIFICATION).
 SIGNATURE VALID FOR SIX MONTHS.

John Cowart DATE 11/29/21
 APPROVED FOR AT&T UNDERGROUND CONDUIT FACILITIES ONLY.
 SIGNATURE VALID FOR ONE YEAR.

PIONEER ENGINEERING
7050 EAST FREEWAY, SUITE 1A, HOUSTON, TEXAS 77020
(832) 307-0010
FIRM NO. 18084

NO.	DATE	REVISION	APP.
1			

ISSUED: SEPTEMBER 2021 PEPN: 21026
 DRAWN BY: MG CHECKED BY: AG

CONSTRUCTION PLANS TO SERVE
9116 W. MONTGOMERY ROAD
HOUSTON, TX 77088

PLAN & PROFILE

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

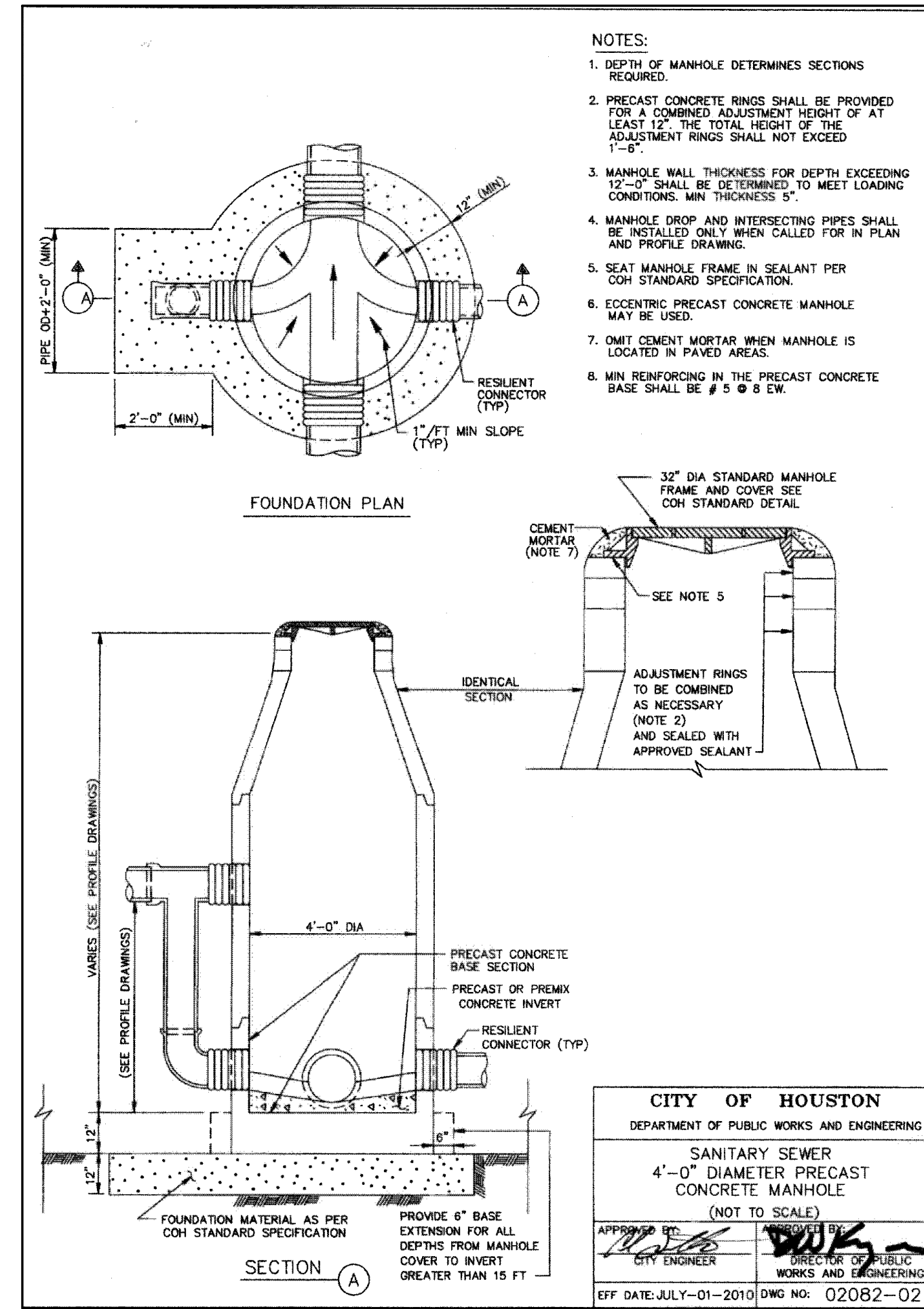
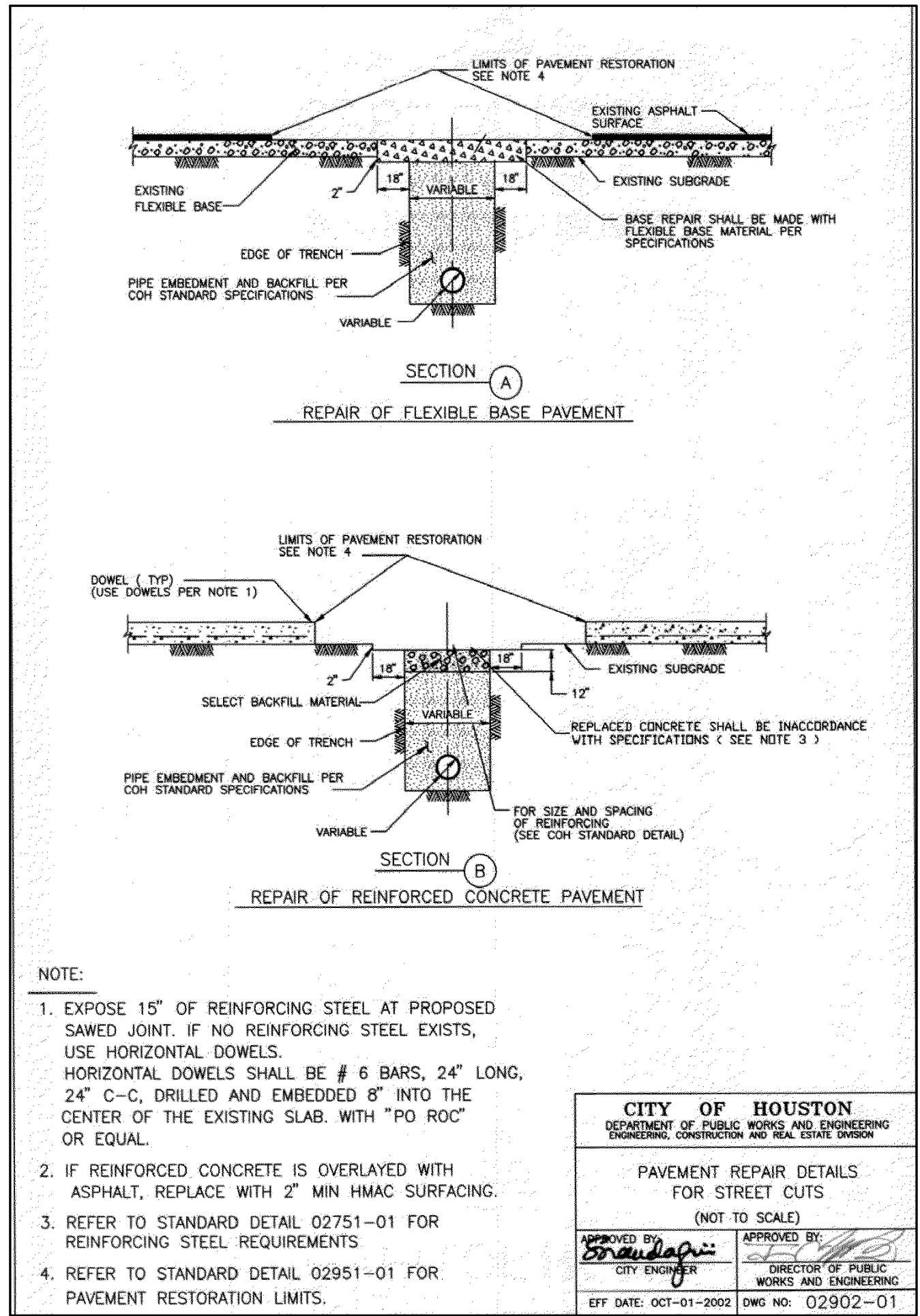
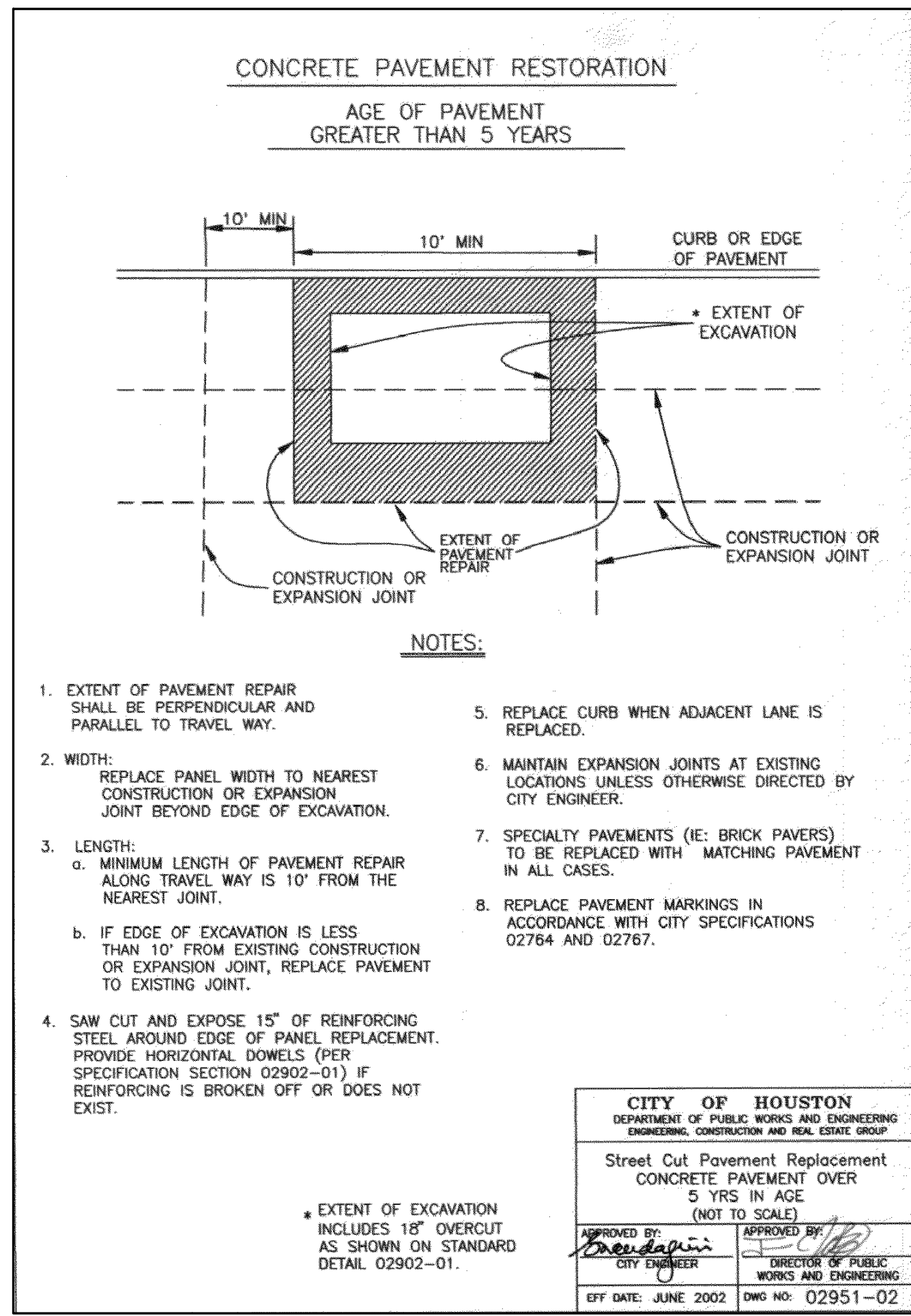
CITY OF HOUSTON
HOUSTON PUBLIC WORKS

WATER	STORM WATER QUALITY
WASTE WATER	FACILITIES
STORM WATER	TRAFFIC & TRANSPORTATION/ STREET & BRIDGE
FILE NO.	HORIZ: 1" = 20'
	VERT: 1" = 2'
SHEET NO. 4 OF 6	DRAWING SCALE

FOR CITY OF HOUSTON USE ONLY

HOUSTON PUBLIC WORKS
ACCEPTED AND FILED

74186
CITY DRAWING NUMBER
Approval Date 10/31/22
HOUSTON TX

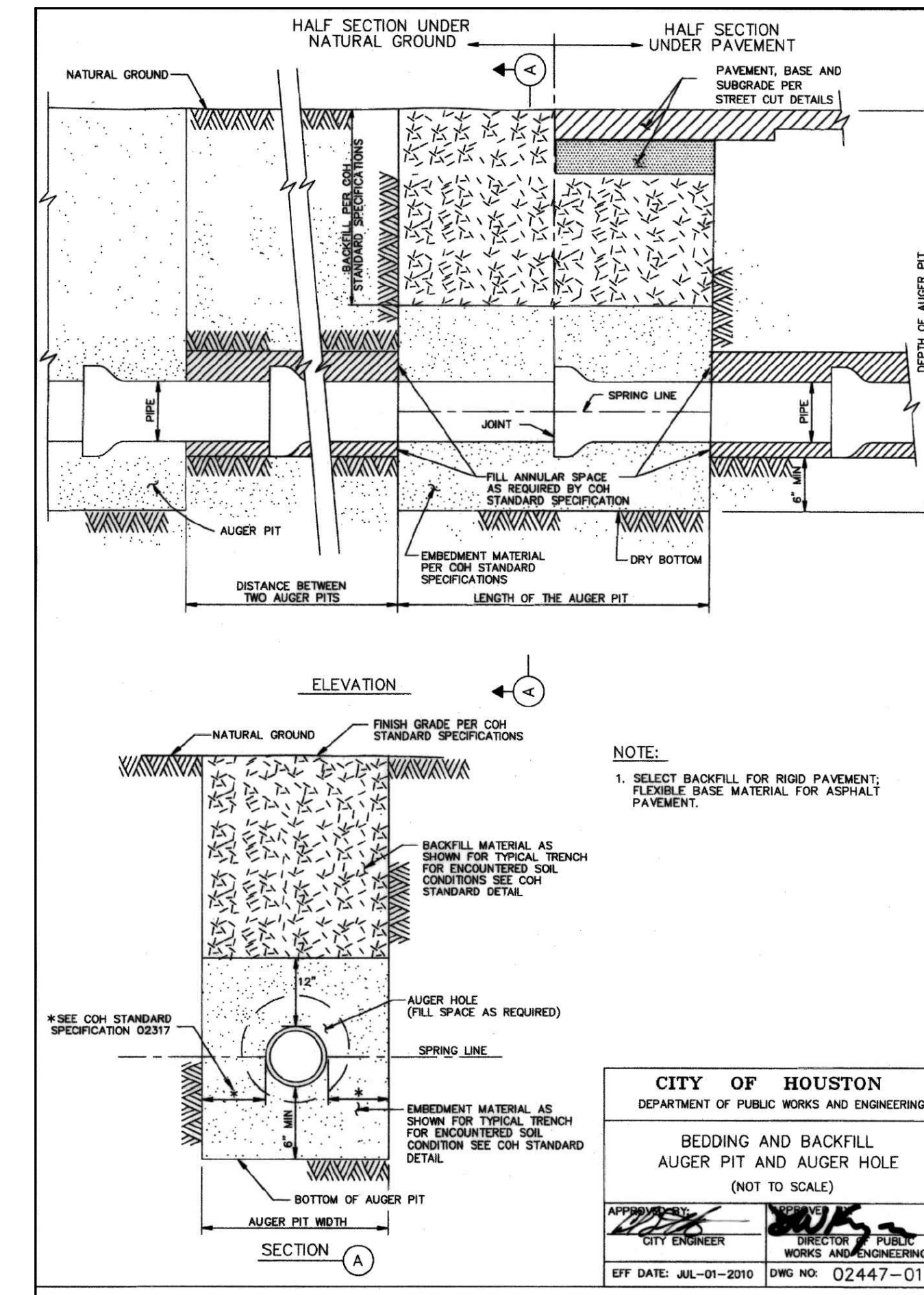
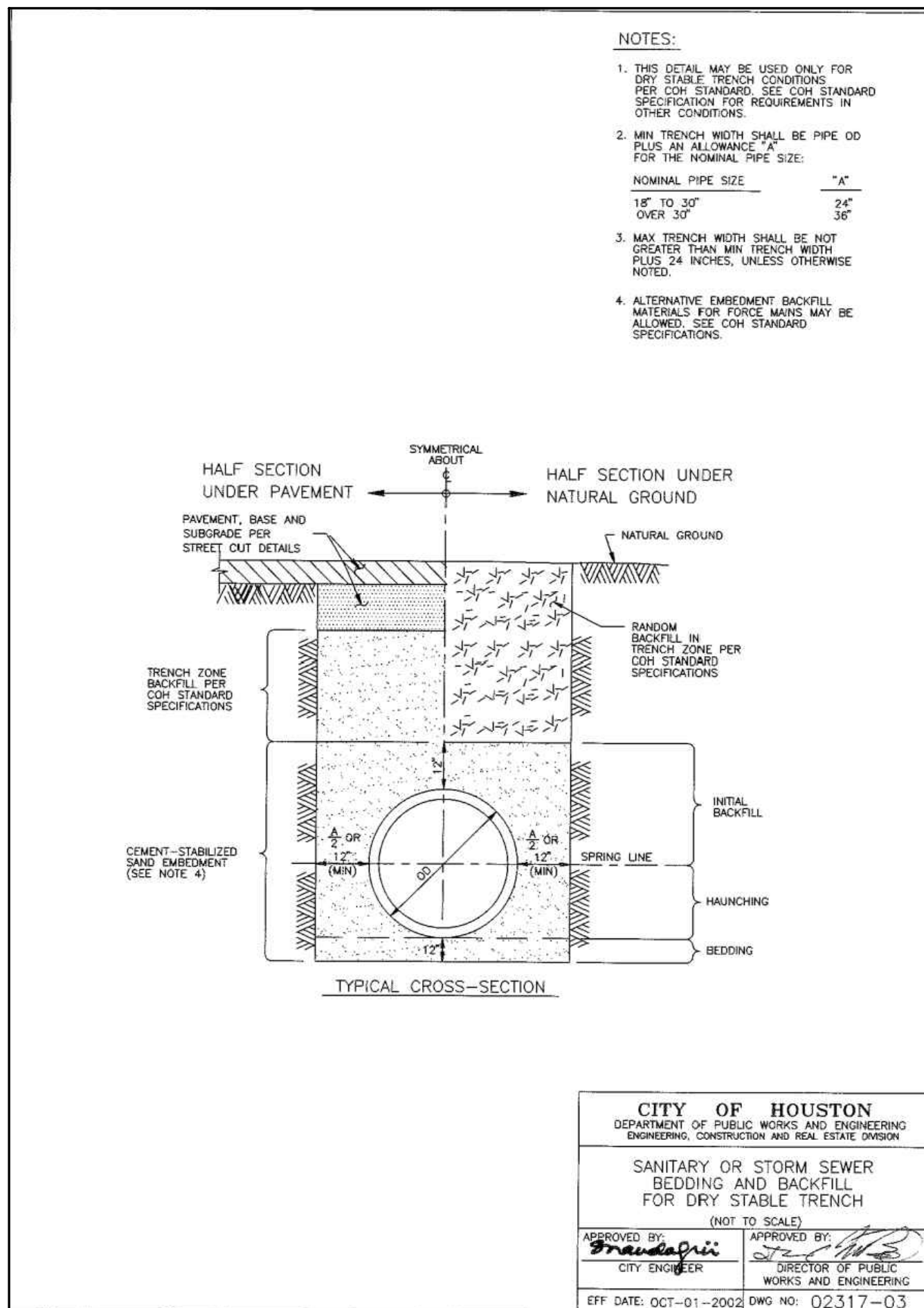


PIPE TAPPING SCHEDULE

WATER MAIN TYPE AND DIAMETER	SERVICE SIZE			
	3/4"	1"	1 1/2"	2"
4" CAST IRON OR DUCTILE IRON	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
4" ASBESTOS (EXISTING) CEMENT	WBSS	WBSS	DSS, WBSS	DSS, WBSS
4" PVC (AWWA C900)	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
6" AND 8" CAST IRON OR DUCTILE IRON	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
6" AND 8" ASBESTOS (EXISTING) CEMENT	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
6" AND 8" CAST IRON OR DUCTILE IRON	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
6" AND 8" PVC (AWWA C900)	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
12" CAST IRON OR DUCTILE IRON	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
12" ASBESTOS (EXISTING) CEMENT	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
12" PVC (AWWA C900)	DSS, WBSS	DSS, WBSS	DSS, WBSS	DSS, WBSS
18" AND UP CAST IRON OR DUCTILE IRON	DWBSS	DWBSS	DWBSS	DWBSS
18" AND UP ASBESTOS (EXISTING) CEMENT	DWBSS	DWBSS	DWBSS	DWBSS
18" AND UP PVC (AWWA C900)	DWBSS	DWBSS	DWBSS	DWBSS

DSS - DUAL STRAP SADDLES
 WBSS - WIDE BAND STRAP SADDLES
 DWBSS - DUAL WIDE BAND STRAP SADDLES

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
 SERVICE TAPS
 (NOT TO SCALE)
 APPROVED BY: [Signature] CITY ENGINEER APPROVED BY: [Signature] DIRECTOR OF PUBLIC WORKS AND ENGINEERING
 EFF. DATE: JUL-01-2010 DWG NO.: 02512-02



11/30/21

PIONEER ENGINEERING
 7050 EAST FREEWAY, SUITE 1A, HOUSTON, TEXAS 77020
 (832) 307-0010
 FIRM NO. 18084

NO.	DATE	REVISION	APP.

ISSUED: SEPTEMBER 2021 PEPN: 21026
 DRAWN BY: MG CHECKED BY: AG

CONSTRUCTION PLANS TO SERVE
 9116 W. MONTGOMERY ROAD
 HOUSTON, TX 77088

DETAILS

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON

HOUSTON PUBLIC WORKS

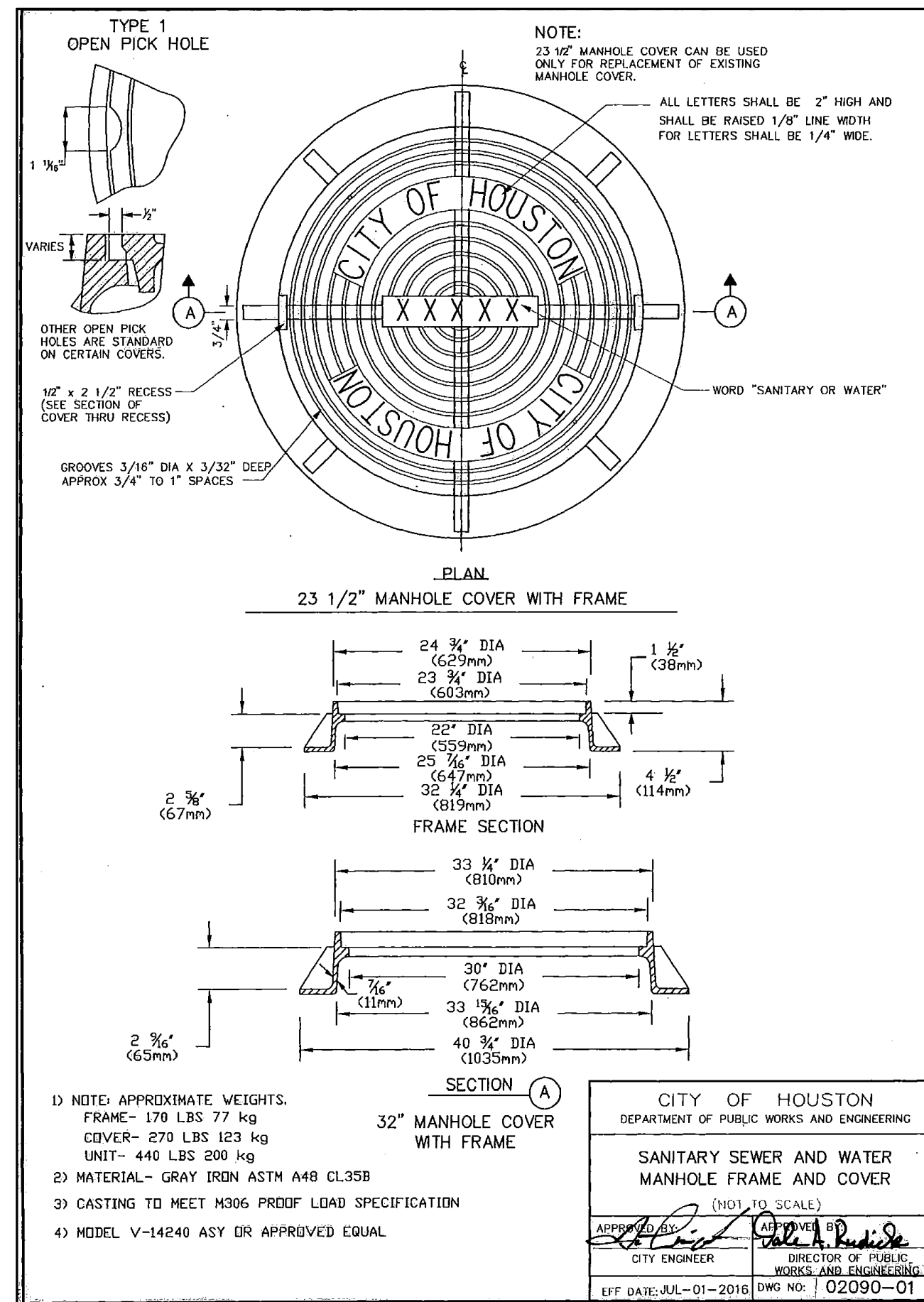
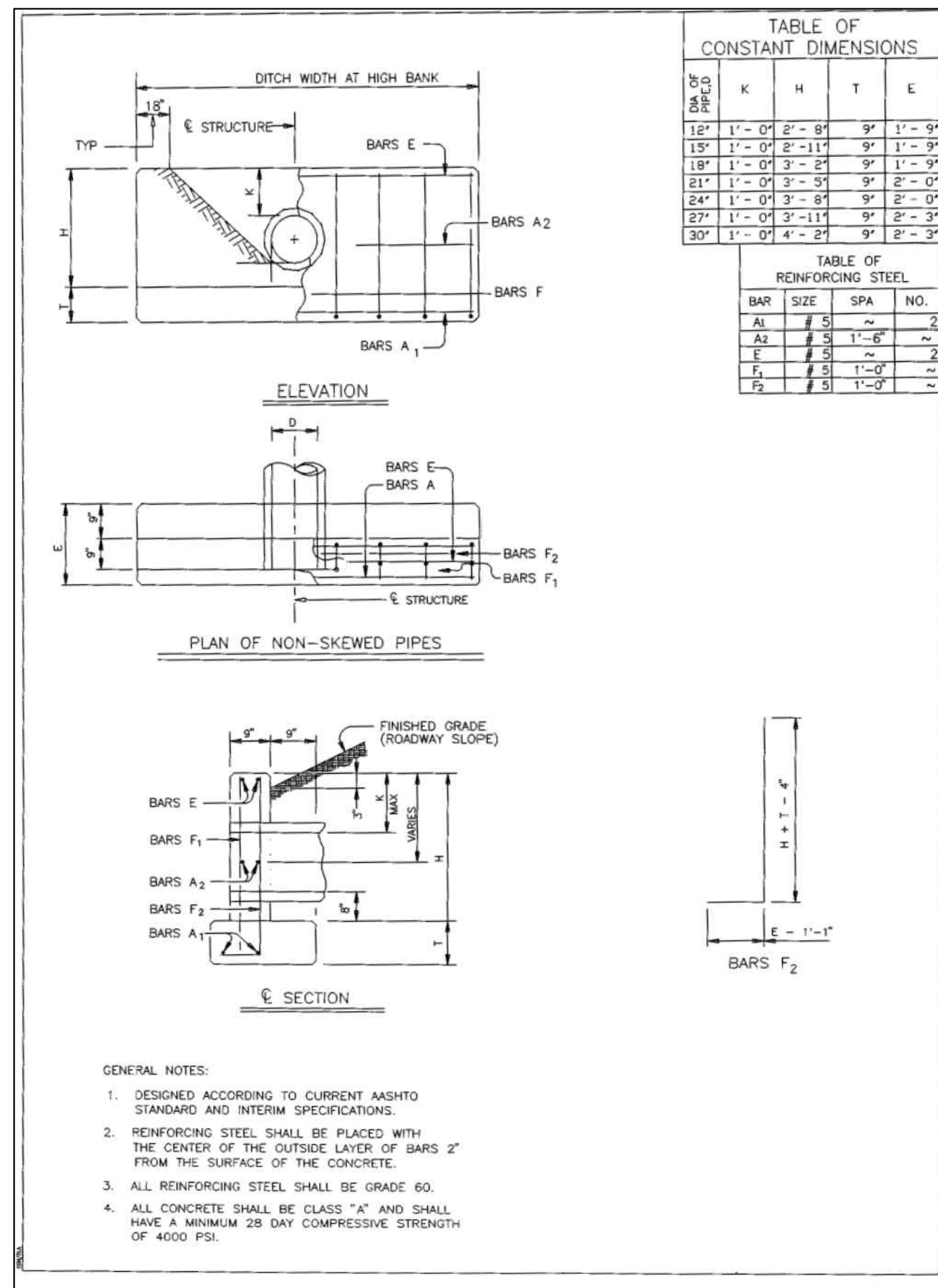
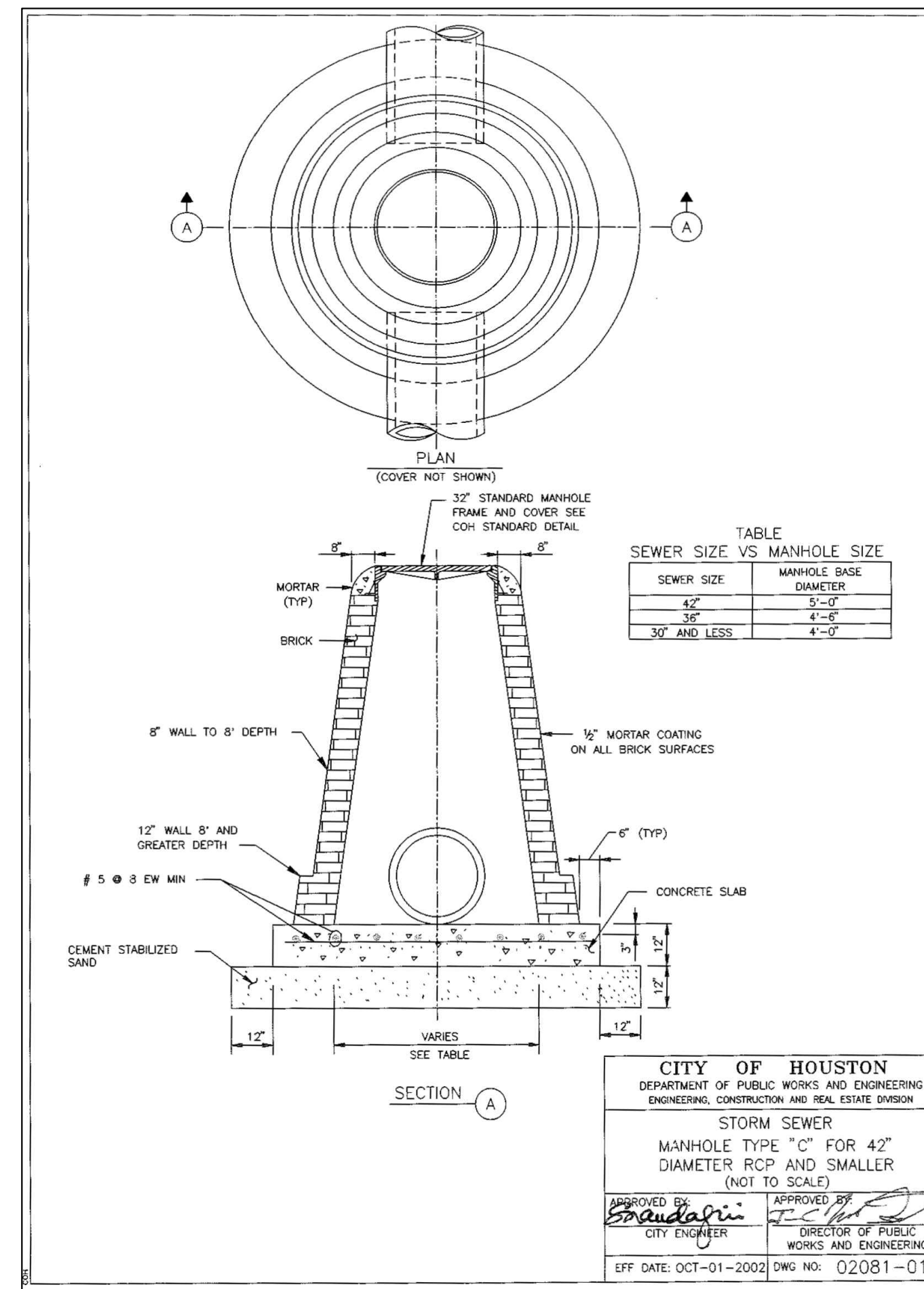
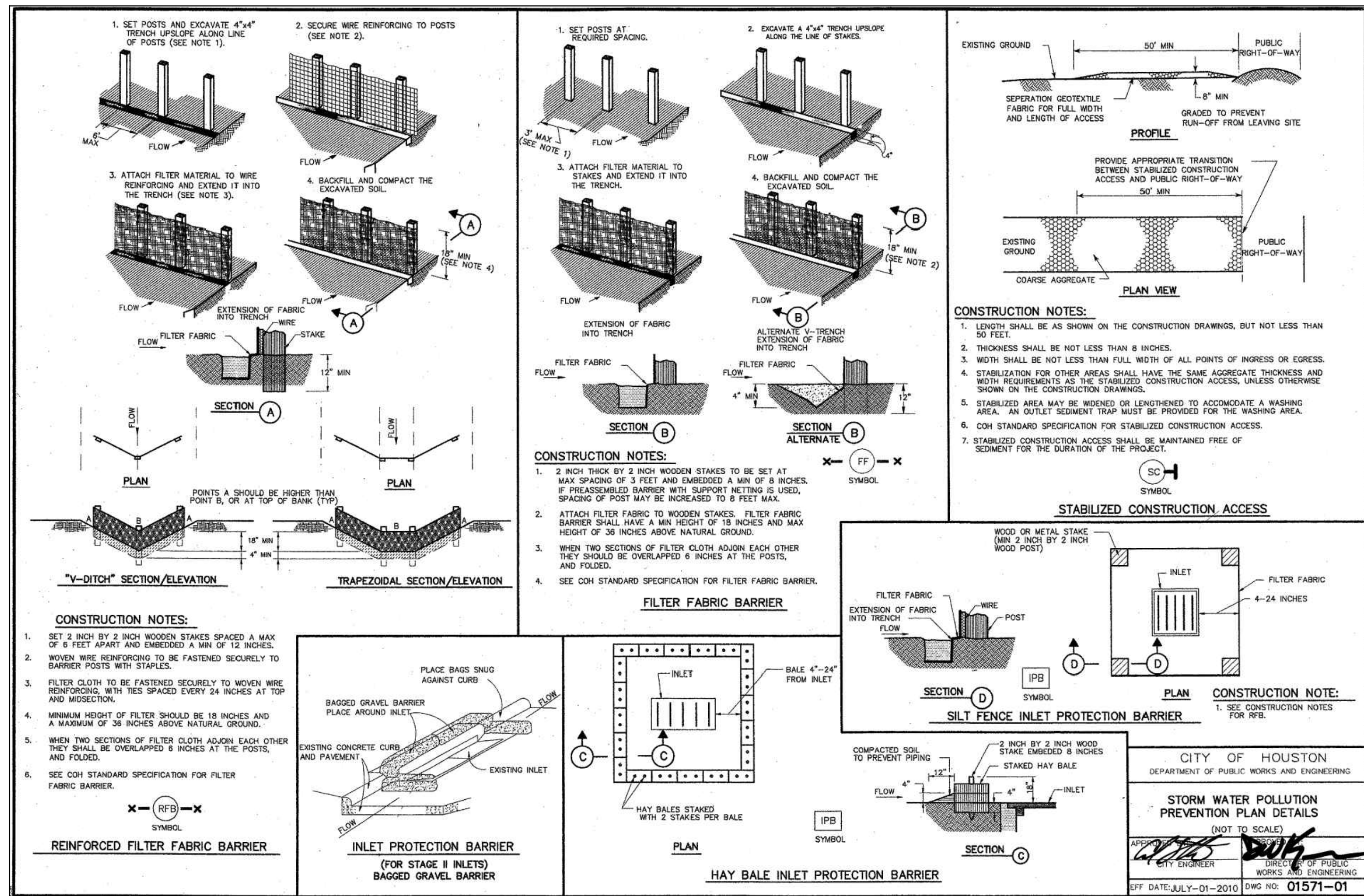
WATER	STORM WATER QUALITY
WASTE WATER	FACILITIES
STORM WATER	TRAFFIC & TRANSPORTATION/ STREET & BRIDGE

FILE NO.	HORIZ: NOT TO SCALE
	VERT: NOT TO SCALE

SHEET NO. 5 OF 6 DRAWING SCALE

FOR CITY OF HOUSTON USE ONLY

HOUSTON PUBLIC WORKS
 ACCEPTED AND FILED
74186
 CITY DRAWING NUMBER
 Approval Date 10/31/22
 HOUSTON TX



STATE OF TEXAS
ALLI TABBOUSH
REGISTERED PROFESSIONAL ENGINEER
98580
11/30/21

PIONEER ENGINEERING
7050 EAST FREEWAY, SUITE 1A, HOUSTON, TEXAS 77020
(832) 307-0010
FIRM NO. 18084

NO.	DATE	REVISION	APP.
3			
2			
1			

ISSUED: SEPTEMBER 2021 PEPN: 21026
DRAWN BY: MG CHECKED BY: AG

CONSTRUCTION PLANS TO SERVE
9116 W. MONTGOMERY ROAD
HOUSTON, TX 77088

DETAILS

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

CITY OF HOUSTON
HOUSTON PUBLIC WORKS

WATER	STORM WATER QUALITY
WASTE WATER	FACILITIES
STORM WATER	TRAFFIC & TRANSPORTATION/ STREET & BRIDGE

FILE NO. _____ HORIZ: NOT TO SCALE
SHEET NO. 6 OF 6 _____ VERT: NOT TO SCALE
DRAWING SCALE _____
FOR CITY OF HOUSTON USE ONLY

HOUSTON PUBLIC WORKS
ACCEPTED AND FILED
74186
CITY DRAWING NUMBER
Approval Date 10/31/22
HOUSTON TX