

CITY OF JERSEY VILLAGE, TEXAS

SEATTLE STREET SUBDIVISION

DRAINAGE IMPROVEMENTS

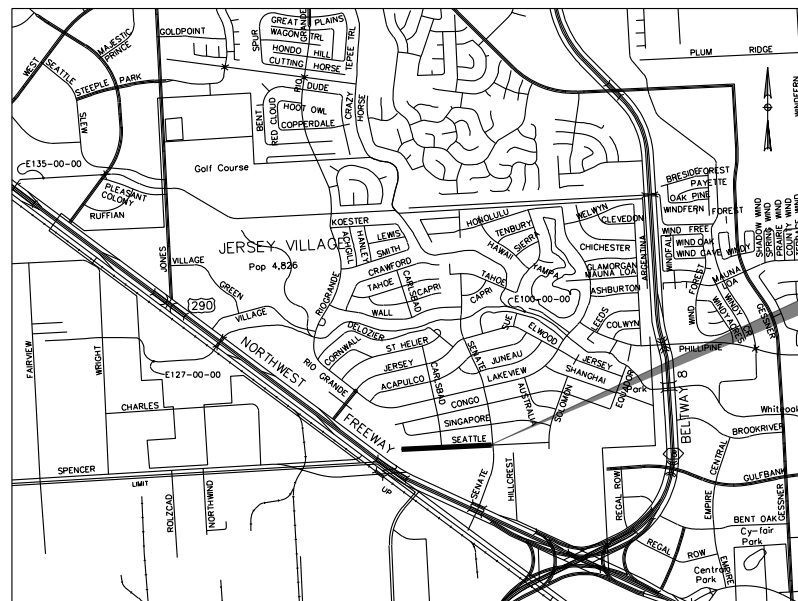
REFERENCE BENCHMARK:
 RM050425 - BRASS DISK STAMPED "050425"
 LOCATED AT THE NORTHEAST CORNER OF THE
 BRIDGE ON RIO GRANDE OVER E127-00-00 ±60'
 SOUTH OF VILLAGE DRIVE IN KEY MAP 409L
 IN THE WHITE OAK BAYOU WATERSHED.
 ELEVATION = 104.75' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:
 TBM "A" - BOX CUT ON "BB" INLET LOCATED
 AT THE NORTHWEST CORNER OF SEATTLE STREET
 AND SENATE AVENUE. ELEVATION = 103.44'
 TBM "B" - BOX CUT ON "BB" INLET LOCATED
 AT THE SOUTHWEST CORNER OF SEATTLE
 STREET AND CARLSBAD STREET.
 ELEVATION = 103.68'
 TBM "C" - BOX CUT ON THE END OF THE
 CONCRETE SIDEWALK AT THE SOUND WALL
 LOCATED ON THE SOUTH SIDE OF SEATTLE
 STREET. ELEVATION = 106.16'

INDEX

SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
1	COVER SHEET	24 - 25	CITY OF HOUSTON - STORM WATER DETAILS
2 - 3	GENERAL NOTES	26	STORM WATER POLLUTION PREVENTION PLAN
4	LEGEND	27	HARRIS COUNTY ENGINEERING - STORM WATER POLLUTION PREVENTION PLAN DETAILS
5 - 7	DEMOLITION PLAN	28	MISCELLANEOUS DETAILS
8	SEATTLE TYPICAL SECTIONS	29 - 32	TREE PROTECTION PLAN
9 - 13	SEATTLE STREET PLAN AND PROFILE	33	TRAFFIC CONTROL TYPICAL SECTIONS
14 - 17	CITY OF HOUSTON - PAVING DETAILS	34	TRAFFIC CONTROL PLAN PHASE 1
18	HARRIS COUNTY ENGINEERING - ADA RAMP DETAILS	35	TRAFFIC CONTROL PLAN PHASE 2
19	DRAINAGE AREA MAP	36 - 41	CITY OF HOUSTON - TRAFFIC DETAILS
20	DRAINAGE COMPUTATION	42 - 46	SEATTLE STREET ILLUMINATION LAYOUT
21 - 22	CITY OF HOUSTON - WATER DETAILS		
23	CITY OF HOUSTON - SANITARY SEWER DETAILS		

95% DESIGN SUBMITTAL

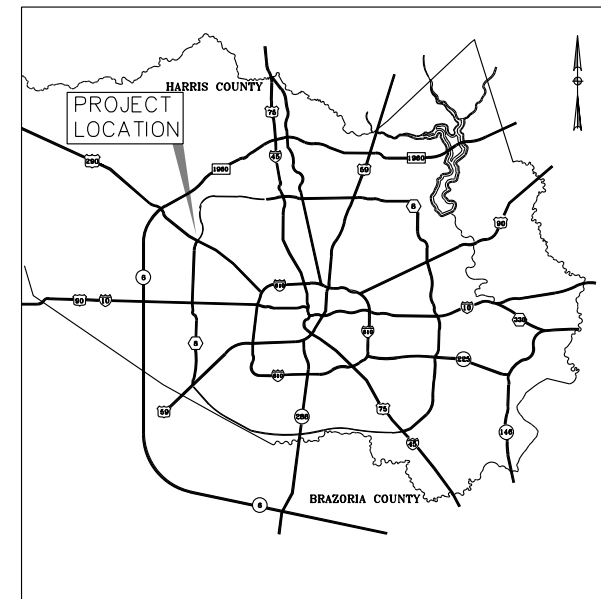


VICINITY MAP
 KEY MAP: 409Q & 409R
 GIMS TILE 4962A & 4962C
 ZIP CODE 77040
 SCALE: N.T.S.



16327 LAKEVIEW DR.
 JERSEY VILLAGE, TX 77040

NOVEMBER 2021



LOCATION MAP
 N.T.S.

NOTE: THE LOCATION OF THE PRIVATE UTILITY LINES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BEFORE COMMENCING WORK. HE ALSO ACCEPTS FULL RESPONSIBILITY FOR ANY AND ALL DAMAGES INCURRED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE THESE UTILITIES.



16327 LAKEVIEW DR.
 JERSEY VILLAGE, TX 77040

DANIEL P. SIMEONE
 TBPE REG. 58194
 FOR REVIEW ONLY
 NOT FOR BIDDING
 PERMITS OR CONSTRUCTION
 11/8/2021
 AGUIRRE & FIELDS LP
 TBPE FIRM # 739



SEATTLE STREET
 SUBDIVISION DRAINAGE
 IMPROVEMENTS

COVER SHEET

NO.	DATE	REVISIONS	BY

DRAWN BY: TJR	APPROVED BY: CAH
DESIGNED: DPS	DATE: 11/8/2021
SCALE:	SHEET: 1 OF 46

Preliminary
 11/08/2021 2:42:38 PM

UTILITY ONE CALL
 CONTRACTOR TO CALL
 BEFORE DIGGING !!!
 PHONE:
 HOUSTON (713) 223-4567
 (STATEWIDE OUTSIDE
 HOUSTON)
 1-(800)-545-6005



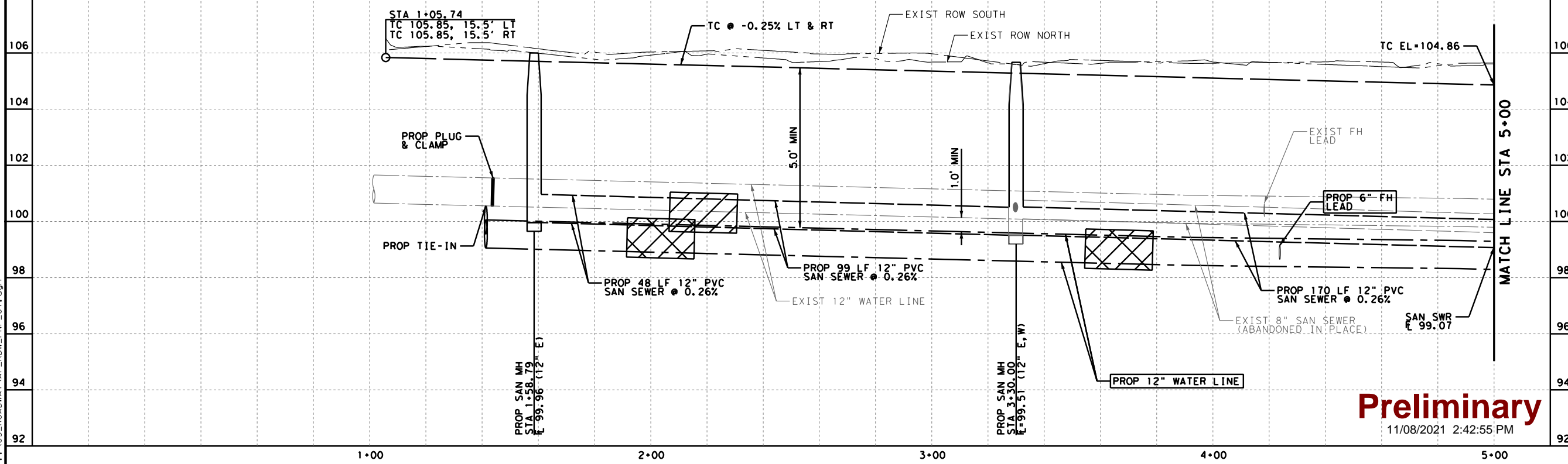
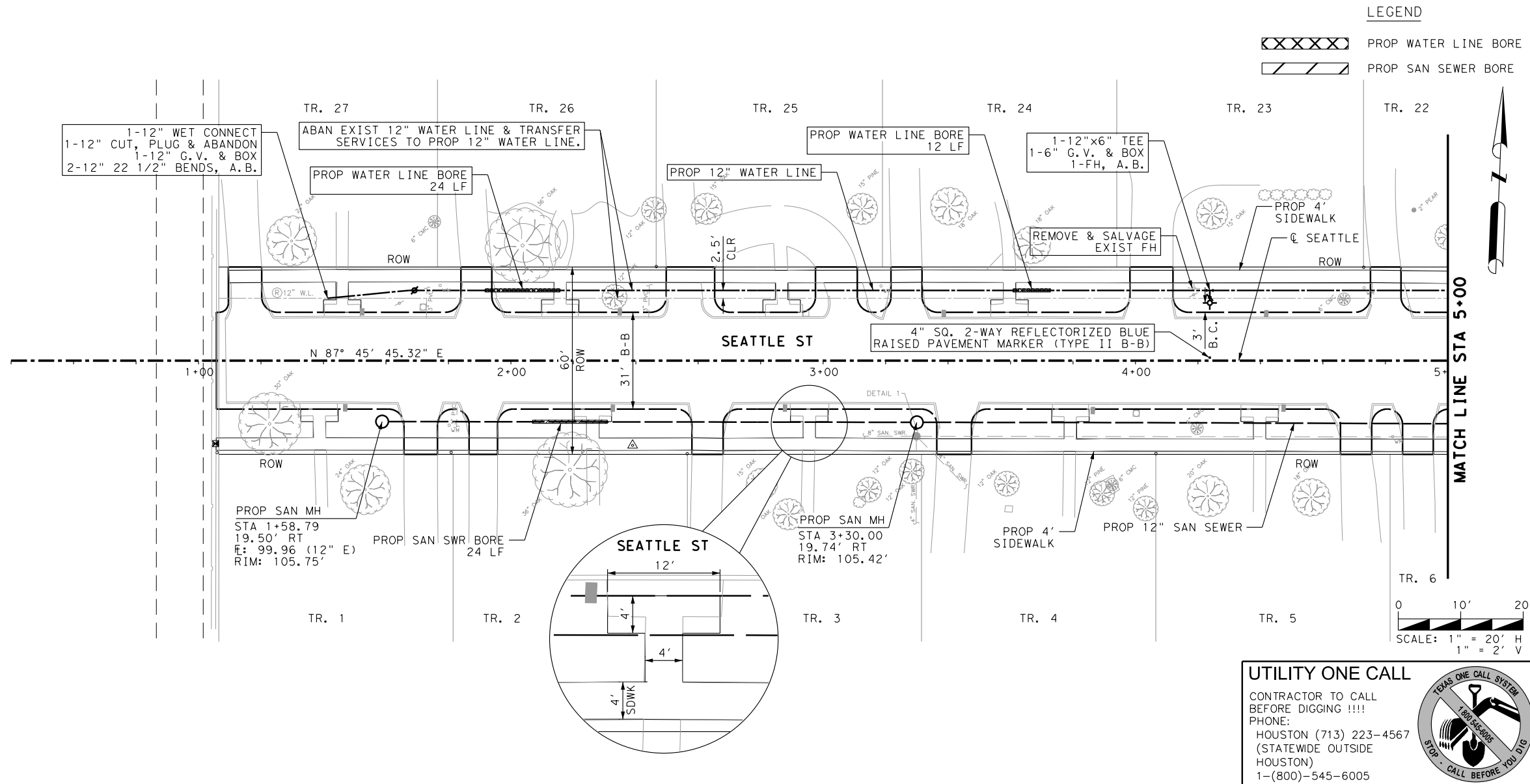
11/8/2021

..._01_GENERAL_VAF_GEN_TITLE_01.dgn

TDLR EABPR _____

11/78/2021

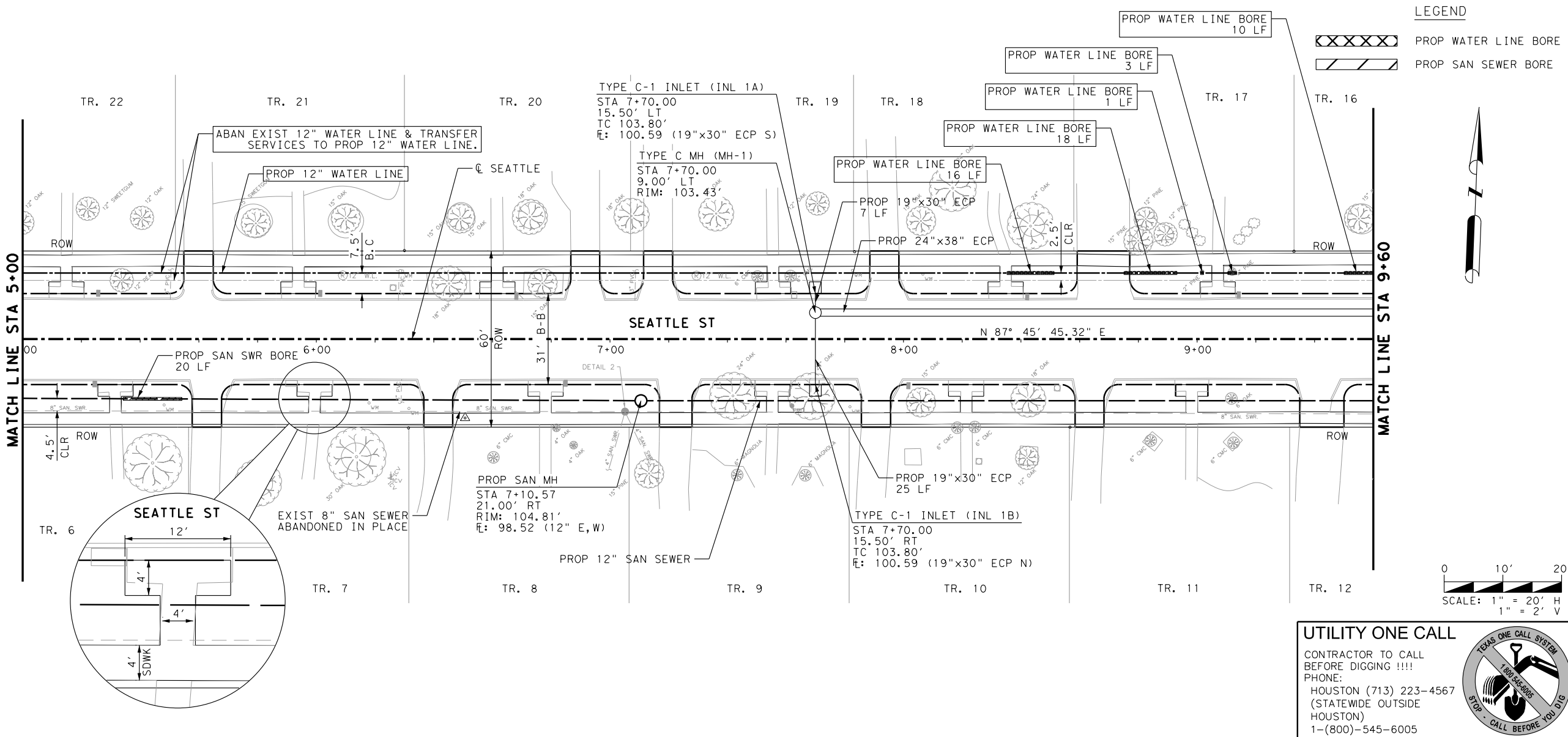
... \NO3_ROADWAY\AF_RDW_PMP_01.dgn



Preliminary
11/08/2021 2:42:55 PM

11/8/2021

... \03 - ROADWAY\AF_RDW_PNP_02.dgn



REFERENCE BENCHMARK:
 RM050425 - BRASS DISK STAMPED "050425" LOCATED AT THE NORTHEAST CORNER OF THE BRIDGE ON RIO GRANDE OVER E127-00-00 ±60' SOUTH OF VILLAGE DRIVE IN KEY MAP 409L IN THE WHITE OAK BAYOU WATERSHED. ELEVATION = 104.75' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:
 TBM "A" - BOX CUT ON "BB" INLET LOCATED AT THE NORTHWEST CORNER OF SEATTLE STREET AND SENATE AVENUE. ELEVATION = 103.44'
 TBM "B" - BOX CUT ON "BB" INLET LOCATED AT THE SOUTHWEST CORNER OF SEATTLE STREET AND CARLSBAD STREET. ELEVATION = 103.68'
 TBM "C" - BOX CUT ON THE END OF THE CONCRETE SIDEWALK AT THE SOUND WALL LOCATED ON THE SOUTH SIDE OF SEATTLE STREET. ELEVATION = 106.16'

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-2222.

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

Date:

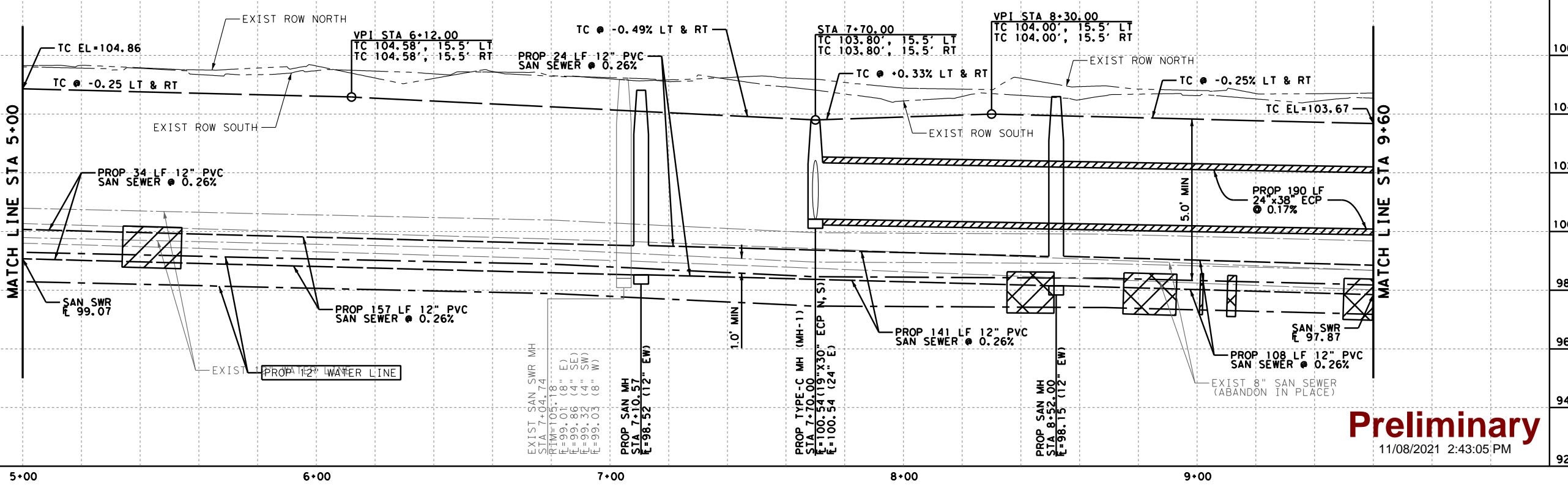
CenterPoint Energy natural gas utilities shown. (Gas service lines are not shown). This signature not to be used for conflict verification. Signature valid for six months.

Date:

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.

N/A Date:

Approved for AT&T TEXAS/SWBFT underground conduit facilities only. Date: Signature valid for one year.



CITY OF JERSEY VILLAGE
 TEXAS STAR COMMUNITY

16327 LAKEVIEW DR.
 JERSEY VILLAGE, TX 77040

DANIEL P. SIMEONE
 TBPE REG. 58194
 FOR REVIEW ONLY
 NOT FOR BIDDING
 PERMITS OR CONSTRUCTION
 11/8/2021
 AGUIRRE & FIELDS LP
 TBPE FIRM # 739

AGUIRRE & FIELDS
 ENGINEERING INNOVATORS
 TBPE FIRM REGISTRATION # 739

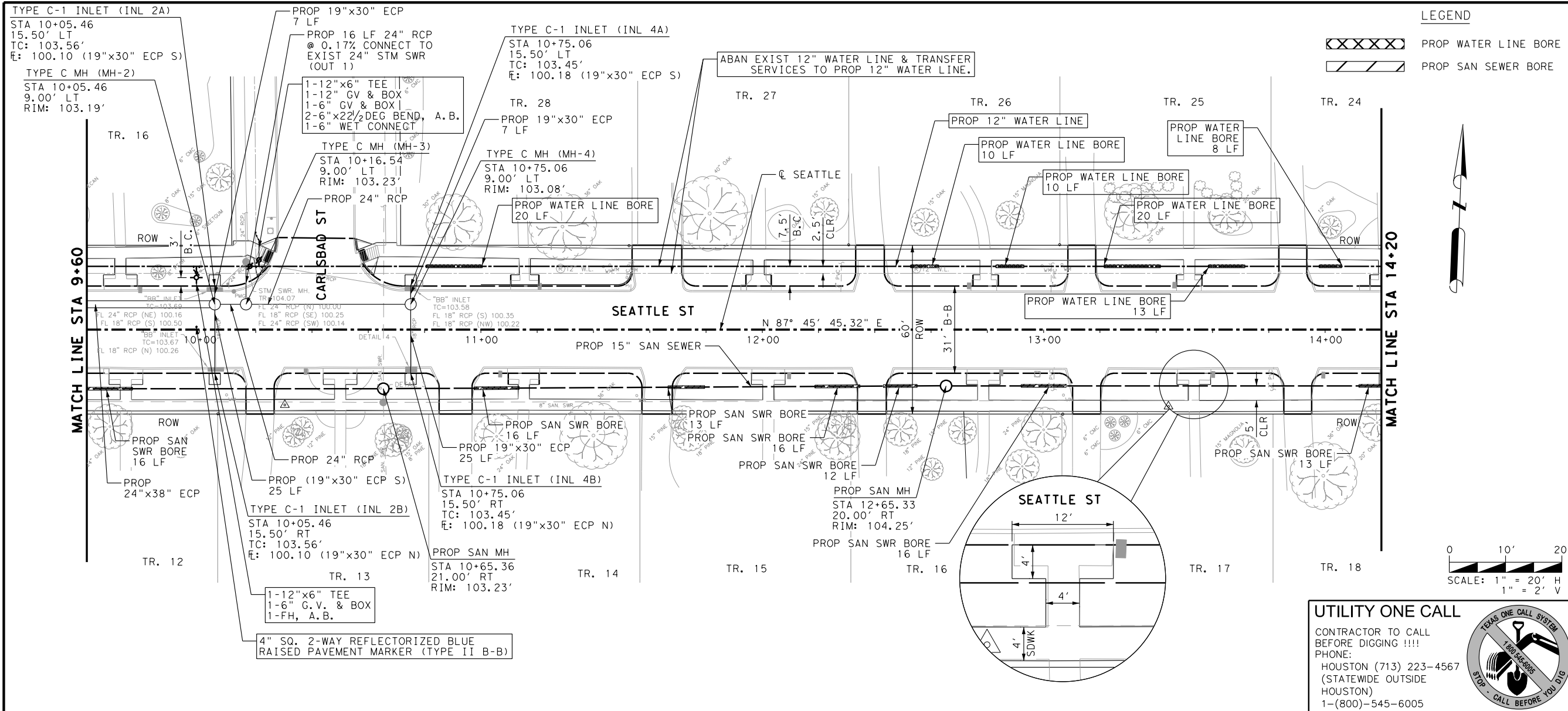
SEATTLE STREET
 SUBDIVISION DRAINAGE
 IMPROVEMENTS

SEATTLE STREET
 PLAN & PROFILE
 STA 5+00 TO STA 9+60

NO.	DATE	REVISIONS	BY
94			
92			

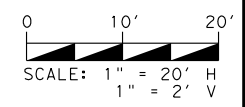
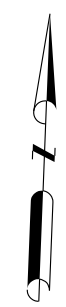
DRAWN BY: TJR APPROVED BY: CAH
 DESIGNED: DPS DATE: 11/8/2021
 SCALE: SHEET: 10 OF 46

Preliminary
 11/08/2021 2:43:05 PM



LEGEND

- PROP WATER LINE BORE
- PROP SAN SEWER BORE



UTILITY ONE CALL

CONTRACTOR TO CALL BEFORE DIGGING !!!
 PHONE:
 HOUSTON (713) 223-4567
 (STATEWIDE OUTSIDE HOUSTON)
 1-(800)-545-6005



REFERENCE BENCHMARK:
 RM050425 - BRASS DISK STAMPED "050425" LOCATED AT THE NORTHEAST CORNER OF THE BRIDGE ON RIO GRANDE OVER E127-00-00 ±60' SOUTH OF VILLAGE DRIVE IN KEY MAP 409L IN THE WHITE OAK BAYOU WATERSHED. ELEVATION = 104.75' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:
 TBM "A" - BOX CUT ON "BB" INLET LOCATED AT THE NORTHWEST CORNER OF SEATTLE STREET AND SENATE AVENUE. ELEVATION = 103.44'
 TBM "B" - BOX CUT ON "BB" INLET LOCATED AT THE SOUTHWEST CORNER OF SEATTLE STREET AND CARLSBAD STREET. ELEVATION = 103.68'
 TBM "C" - BOX CUT ON THE END OF THE CONCRETE SIDEWALK AT THE SOUND WALL LOCATED ON THE SOUTH SIDE OF SEATTLE STREET. ELEVATION = 106.16'

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-2222.

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.

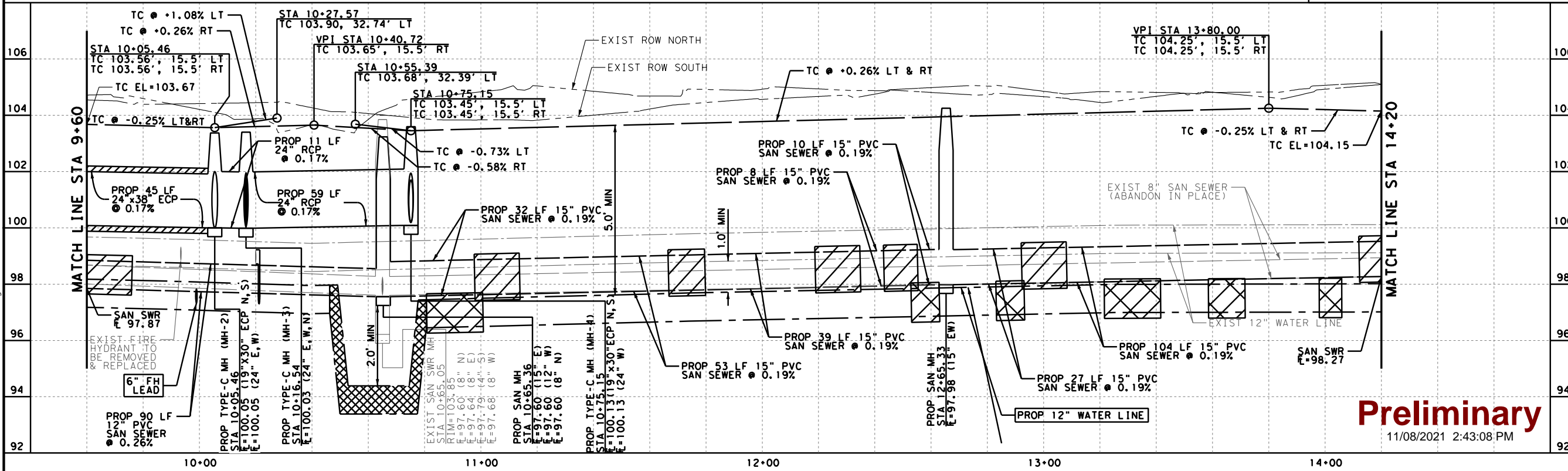
VERIFICATION OF PRIVATE UTILITY LINES

Date: _____
 CenterPoint Energy natural gas utilities shown. (Gas service lines are not shown). This signature not to be used for conflict verification. Signature valid for six months.

Date: _____
 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.

N/A Date: _____

Approved for AT&T
 TEXAS/SWBT underground conduit facilities only. Date: _____
 Signature valid for one year.



Preliminary
 11/08/2021 2:43:08 PM



**16327 LAKEVIEW DR.
 JERSEY VILLAGE, TX 77040**

DANIEL P. SIMEONE
 TBPE REG. 58194
 FOR REVIEW ONLY
 NOT FOR BIDDING
 PERMITS OR CONSTRUCTION
 11/8/2021
 AGUIRRE & FIELDS LP
 TBPE FIRM # 739



AGUIRRE & FIELDS
 ENGINEERING INNOVATORS
 TBPE FIRM REGISTRATION # 739

**SEATTLE STREET
 SUBDIVISION DRAINAGE
 IMPROVEMENTS**

**SEATTLE STREET
 PLAN & PROFILE
 STA 9+60 TO STA 14+20**

NO.	DATE	REVISIONS	BY

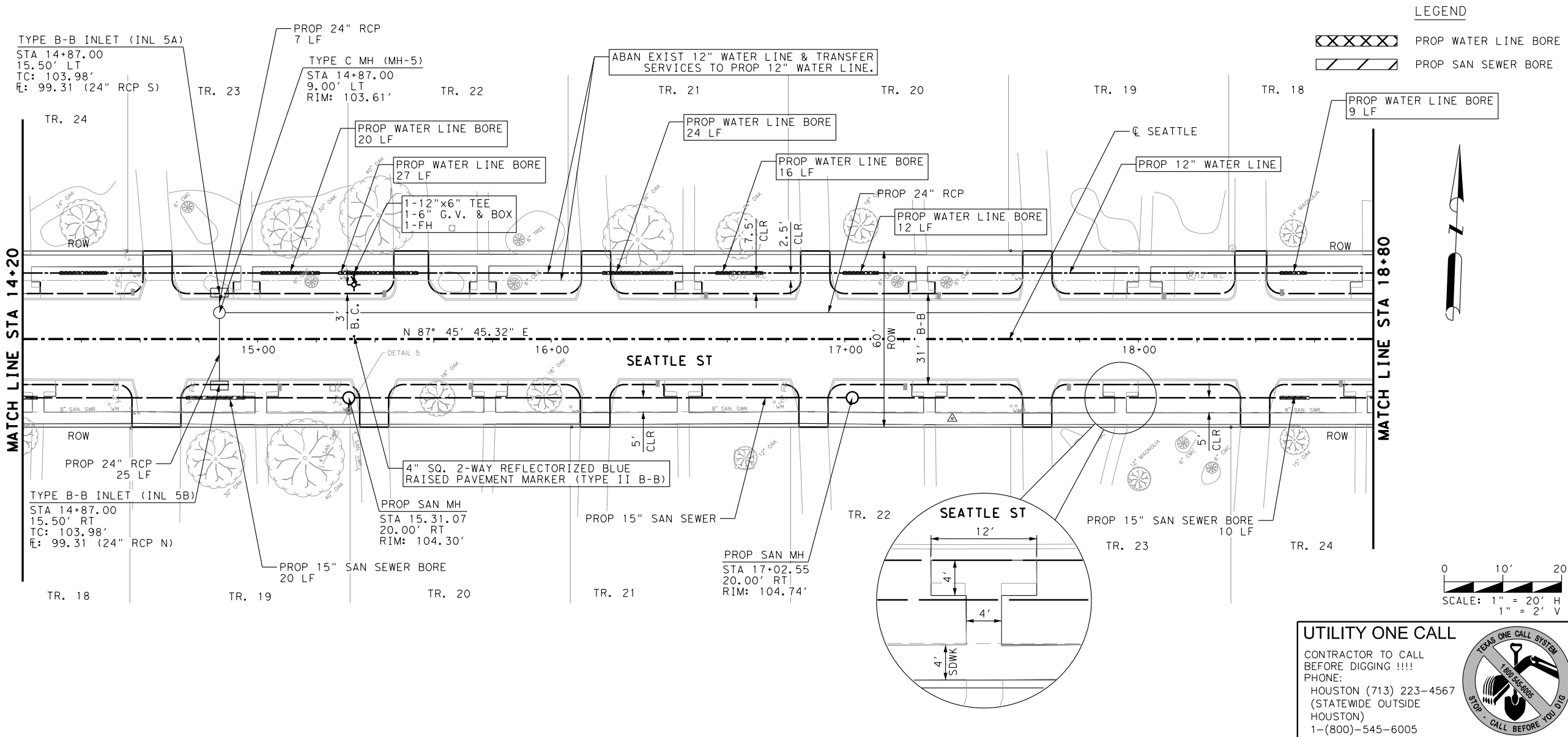
DRAWN BY: TJR	APPROVED BY: CAH
DESIGNED: DPS	DATE: 11/8/2021
SCALE:	SHEET: 11 OF 46

11/78/2021

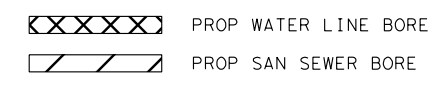
... \03 - ROADWAY \AF - RDW - PNP - 03 - GGN

11/7/2021

... \03-ROADWAY\AF_RDW_PNP_04.dgn

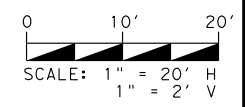


LEGEND



REFERENCE BENCHMARK:
 RM050425 - BRASS DISK STAMPED "050425" LOCATED AT THE NORTHEAST CORNER OF THE BRIDGE ON RIO GRANDE OVER E127-00-00 ±60' SOUTH OF VILLAGE DRIVE IN KEY MAP 409L IN THE WHITE OAK BAYOU WATERSHED. ELEVATION = 104.75' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:
 TBM "A" - BOX CUT ON "BB" INLET LOCATED AT THE NORTHWEST CORNER OF SEATTLE STREET AND SENATE AVENUE. ELEVATION = 103.44'
 TBM "B" - BOX CUT ON "BB" INLET LOCATED AT THE SOUTHWEST CORNER OF SEATTLE STREET AND CARLSBAD STREET. ELEVATION = 103.68'
 TBM "C" - BOX CUT ON THE END OF THE CONCRETE SIDEWALK AT THE SOUND WALL LOCATED ON THE SOUTH SIDE OF SEATTLE STREET. ELEVATION = 106.16'



UTILITY ONE CALL

CONTRACTOR TO CALL BEFORE DIGGING !!!
 PHONE:
 HOUSTON (713) 223-4567
 (STATEWIDE OUTSIDE HOUSTON)
 1-(800)-545-6005

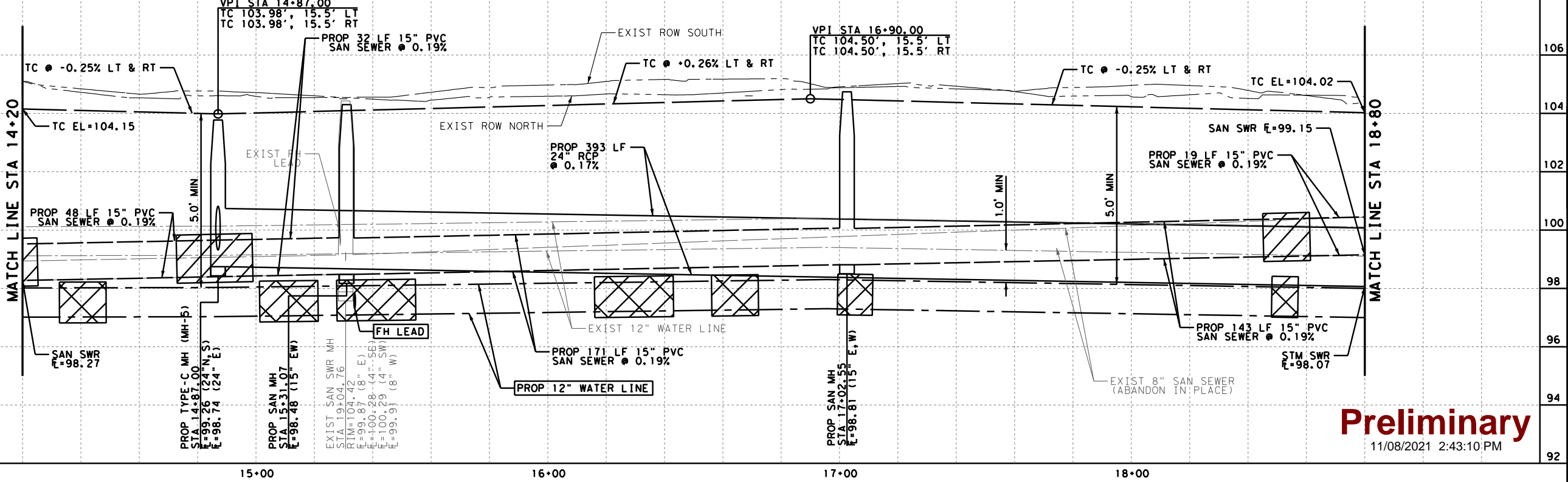


TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-2222.

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

Date:	CenterPoint Energy natural gas utilities shown. (Gas service lines are not shown). This signature not to be used for conflict verification. Signature valid for six months.
Date:	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.
Date:	N/A
Date:	Approved for AT&T TEXAS/SWBT underground conduit facilities only. Date: Signature valid for one year.



16327 LAKEVIEW DR. JERSEY VILLAGE, TX 77040

DANIEL P. SIMEONE
 TBPE REG. 58194
 FOR REVIEW ONLY
 NOT FOR BIDDING
 PERMITS OR CONSTRUCTION
 11/8/2021
 AGUIRRE & FIELDS LP
 TBPE FIRM # 739

AGUIRRE & FIELDS
 ENGINEERING INNOVATORS
 TBPE FIRM REGISTRATION # 739

SEATTLE STREET SUBDIVISION DRAINAGE IMPROVEMENTS

SEATTLE STREET PLAN & PROFILE STA 14+20 TO STA 18+80

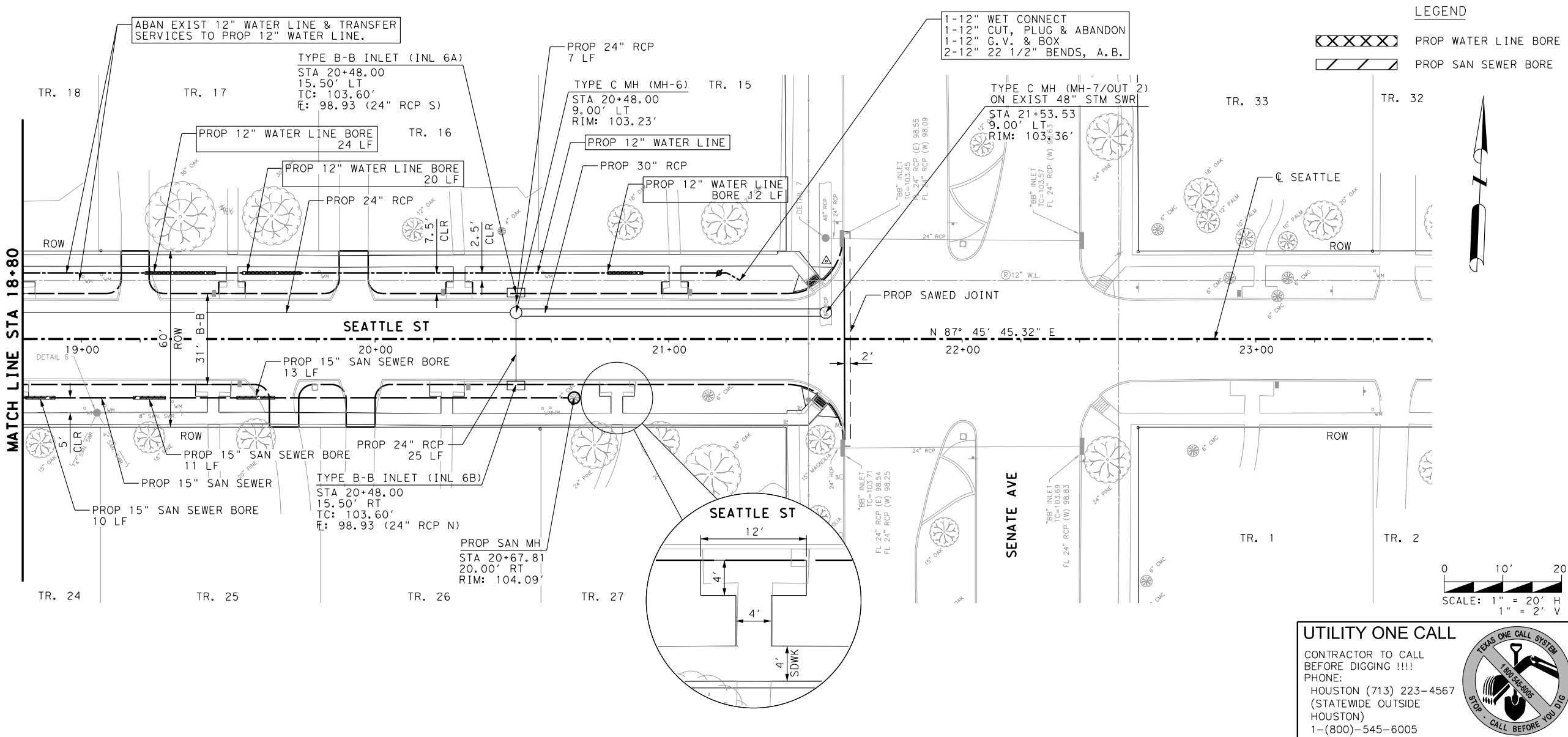
NO.	DATE	REVISIONS	BY

DRAWN BY: TJR APPROVED BY: CAH
 DESIGNED: DPS DATE: 11/8/2021
 SCALE: SHEET: 12 OF 46

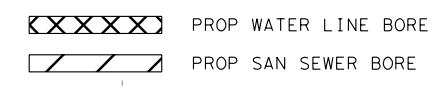
Preliminary
 11/08/2021 2:43:10 PM

11/7/2021

...03-ROADWAY\AF_RDW_PNP_05.dgn

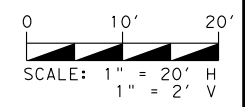


LEGEND



REFERENCE BENCHMARK:
 RM050425 - BRASS DISK STAMPED "050425" LOCATED AT THE NORTHEAST CORNER OF THE BRIDGE ON RIO GRANDE OVER E127-00-00 ±60' SOUTH OF VILLAGE DRIVE IN KEY MAP 409L IN THE WHITE OAK BAYOU WATERSHED. ELEVATION = 104.75' (NAVD 88, 2001 ADJ.)

TEMPORARY BENCHMARKS:
 TBM "A" - BOX CUT ON "BB" INLET LOCATED AT THE NORTHWEST CORNER OF SEATTLE STREET AND SENATE AVENUE. ELEVATION = 103.44'
 TBM "B" - BOX CUT ON "BB" INLET LOCATED AT THE SOUTHWEST CORNER OF SEATTLE STREET AND CARLSBAD STREET. ELEVATION = 103.68'
 TBM "C" - BOX CUT ON THE END OF THE CONCRETE SIDEWALK AT THE SOUND WALL LOCATED ON THE SOUTH SIDE OF SEATTLE STREET. ELEVATION = 106.16'



UTILITY ONE CALL

CONTRACTOR TO CALL BEFORE DIGGING !!!!
 PHONE:
 HOUSTON (713) 223-4567
 (STATEWIDE OUTSIDE HOUSTON)
 1-(800)-545-6005

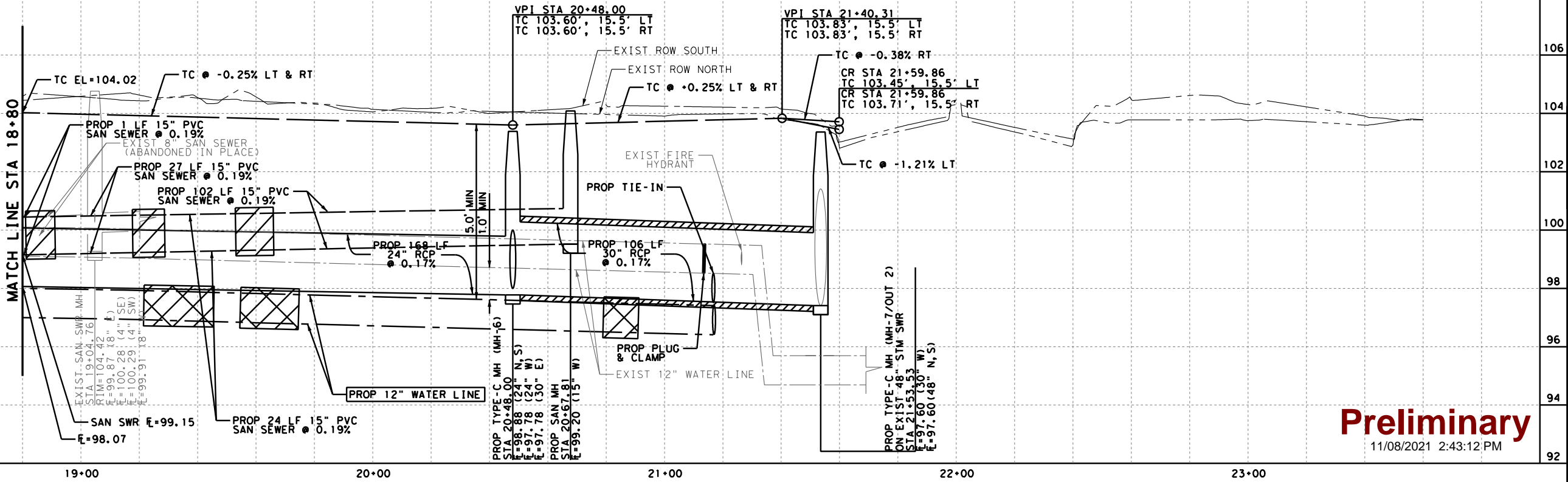


TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-2222.

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

Date:	CenterPoint Energy natural gas utilities shown. (Gas service lines are not shown). This signature not to be used for conflict verification. Signature valid for six months.
Date:	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.
Date:	N/A
Date:	Approved for AT&T TEXAS/SWBt underground conduit facilities only. Date: Signature valid for one year.



16327 LAKEVIEW DR.
 JERSEY VILLAGE, TX 77040

DANIEL P. SIMEONE
 TBPE REG. 58194
 FOR REVIEW ONLY
 NOT FOR BIDDING
 PERMITS OR CONSTRUCTION
 11/8/2021
 AGUIRRE & FIELDS LP
 TBPE FIRM # 739

AGUIRRE & FIELDS
 ENGINEERING INNOVATORS
 TBPE FIRM REGISTRATION # 739

**SEATTLE STREET
 SUBDIVISION DRAINAGE
 IMPROVEMENTS**

**SEATTLE STREET
 PLAN & PROFILE
 STA 18+80 TO END**

NO.	DATE	REVISIONS	BY

DRAWN BY: TJR APPROVED BY: CAH
 DESIGNED: DPS DATE: 11/8/2021
 SCALE: SHEET: 13 OF 46

Preliminary
 11/08/2021 2:43:12 PM