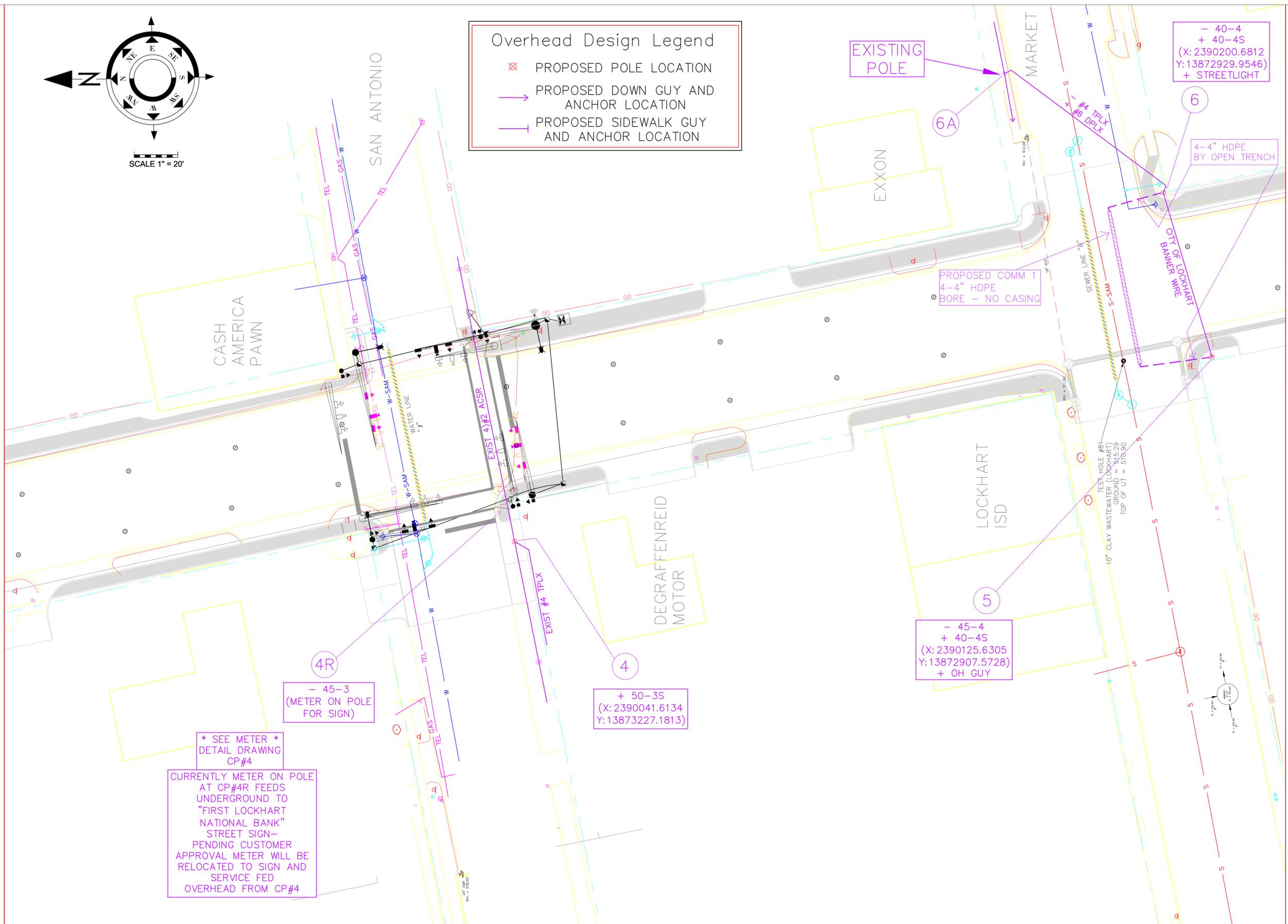


Overhead Design Legend

- ⊗ PROPOSED POLE LOCATION
- PROPOSED DOWN GUY AND ANCHOR LOCATION
- └ PROPOSED SIDEWALK GUY AND ANCHOR LOCATION

MATCHLINE SHEET 1 OF 11



* SEE METER *
DETAIL DRAWING
CP#4

CURRENTLY METER ON POLE
AT CP#4R FEEDS
UNDERGROUND TO
"FIRST LOCKHART
NATIONAL BANK"
STREET SIGN-
PENDING CUSTOMER
APPROVAL METER WILL BE
RELOCATED TO SIGN AND
SERVICE FED
OVERHEAD FROM CP#4

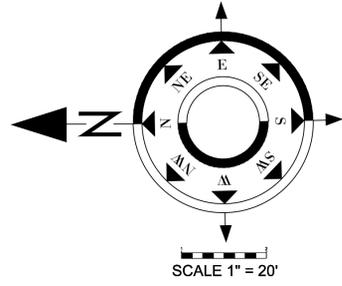
NOTE: EXISTING SURFACE AND SUBSURFACE FACILITIES (GAS MAINS, WATER MAINS, STORM SEWERS, TELEPHONE CABLES, ETC.) ARE SHOWN ON THE PLANS IF THEIR LOCATION HAS BEEN DETERMINED, BUT IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGING THESE EXISTING FACILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL OF THESE FACILITIES ON THE PLANS OR TO SHOW THEM IN THEIR EXACT LOCATION. IF ANY FACILITY IS DAMAGED BY THE CONTRACTOR IT SHALL BE HIS RESPONSIBILITY TO REPAIR THE DAMAGE AT HIS OWN EXPENSE AND RESTORE THE FACILITY TO ITS FUNCTIONAL USE.

DESIGN BY:	AT	NO.	REVISION	DATE
DRAWN BY:	TO			
CHECKED BY:	LH			
SCALE:	1" = 20'			
JOB NUMBER:	203387			

TRC ENGINEERS, INC.
975 W. Billera Road, San Antonio, TX 78216
T.S.P.E. # P-6622 (210) 988-3200

CITY OF LOCKHART
HWY 183 UTILITY RELOCATION
OVERHEAD ELECTRIC DESIGN

SHEET
2 OF 11
MARCH 2014



* TRIM TREES *
 ENOUGH TO PROVIDE 6' OF
 CLEARANCE TO INSTALLED CONDUCTORS
 THROUGHOUT THE PARK AREA
 BETWEEN CP#14 AND CP#20

+ 55-2S
 (X: 2390339.5757
 Y: 13872239.4756)
 + STREETLIGHT

+ 55-2S
 (X: 2390365.3340
 Y: 13872112.5087)
 + 15 kVA X-FMR
 + STREETLIGHT

+ 55-2S
 (X: 2390392.8330
 Y: 13871976.9420)
 + STREETLIGHT

+ 55-2S
 (X: 2390417.0247
 Y: 13871857.3785)
 + STREETLIGHT

+ 55-2S
 (X: 2390318.7149
 Y: 13872342.4764)
 + 25 kVA X-FMR
 + STREETLIGHT

* UNMETERED SERVICES TO *
 PARK AT CP#16R AND CP#18R
 TO BE REMOVED BY THE
 CITY OF LOCKHART
 PRIOR TO PROJECT CONSTRUCTION

Overhead Design Legend

- PROPOSED POLE LOCATION
- PROPOSED DOWN GUY AND ANCHOR LOCATION
- PROPOSED SIDEWALK GUY AND ANCHOR LOCATION

NOTE: EXISTING SURFACE AND SUBSURFACE FACILITIES (GAS MAINS, WATER MAINS, STORM SEWERS, TELEPHONE CABLES, ETC.) ARE SHOWN ON THE PLANS IF THEIR LOCATION HAS BEEN DETERMINED, BUT IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGING THESE EXISTING FACILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL OF THESE FACILITIES ON THE PLANS OR TO SHOW THEM IN THEIR EXACT LOCATION. IF ANY FACILITY IS DAMAGED BY THE CONTRACTOR IT SHALL BE HIS RESPONSIBILITY TO REPAIR THE DAMAGE AT HIS OWN EXPENSE AND RESTORE THE FACILITY TO ITS FUNCTIONAL USE.

MATCHLINE SHEET 3 OF 11

MATCHLINE SHEET 5 OF 11

NO.	REVISION	DATE

TRC
 TRC ENGINEERS, INC.
 975 W. Billera Road, San Antonio, TX 78216
 T: 210-488-1200 F: 210-488-1320

DESIGN BY:	AT
DRAWN BY:	TO
CHECKED BY:	LH
SCALE:	1" = 20'
JOB NUMBER:	203387

CITY OF LOCKHART
 HWY 183 UTILITY RELOCATION
 OVERHEAD ELECTRIC DESIGN

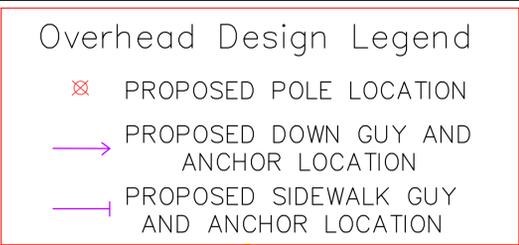
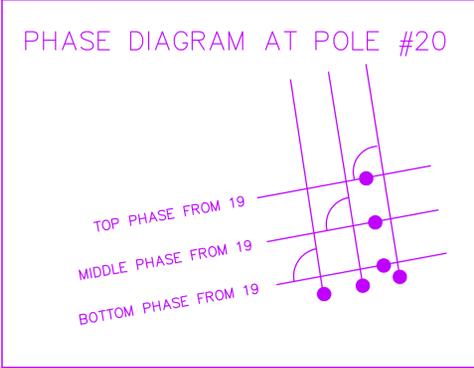
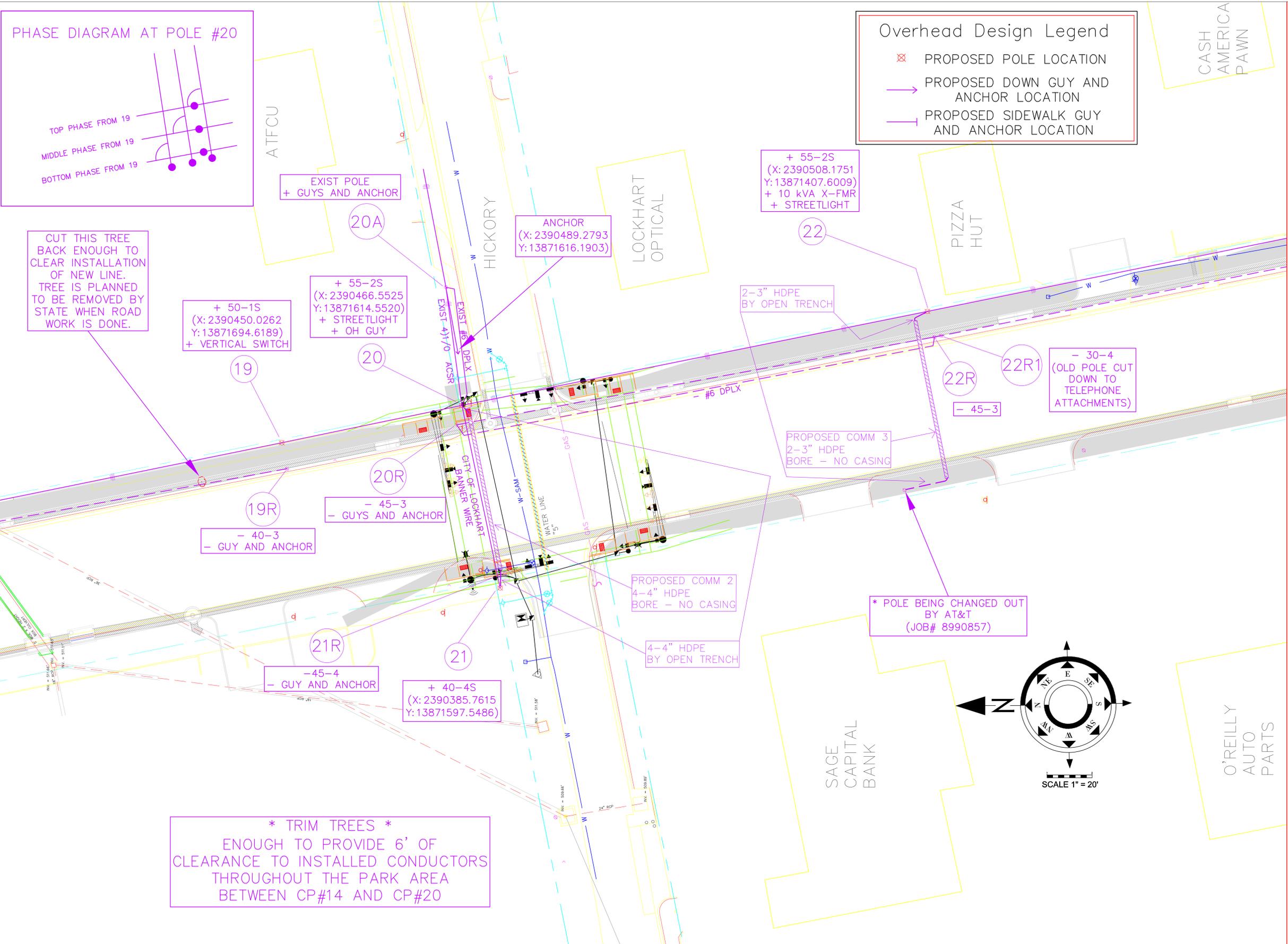


NO.	REVISION	DATE

DESIGN BY:	AT	NO.
DRAWN BY: <th>TO</th> <th>NO.</th>	TO	NO.
CHECKED BY: <th>LH</th> <th>NO.</th>	LH	NO.
SCALE: <td>1" = 20'</td> <td> </td>	1" = 20'	
JOB NUMBER: <td>203387</td> <td> </td>	203387	



CITY OF LOCKHART
 HWY 183 UTILITY RELOCATION
 OVERHEAD ELECTRIC DESIGN



CUT THIS TREE BACK ENOUGH TO CLEAR INSTALLATION OF NEW LINE. TREE IS PLANNED TO BE REMOVED BY STATE WHEN ROAD WORK IS DONE.

+ 50-1S
 (X: 2390450.0262
 Y: 13871694.6189)
 + VERTICAL SWITCH

+ 55-2S
 (X: 2390466.5525
 Y: 13871614.5520)
 + STREETLIGHT
 + OH GUY

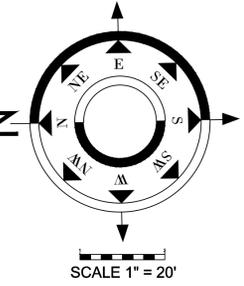
ANCHOR
 (X: 2390489.2793
 Y: 13871616.1903)

+ 55-2S
 (X: 2390508.1751
 Y: 13871407.6009)
 + 10 kVA X-FMR
 + STREETLIGHT

- 30-4
 (OLD POLE CUT DOWN TO TELEPHONE ATTACHMENTS)

* POLE BEING CHANGED OUT BY AT&T (JOB# 8990857)

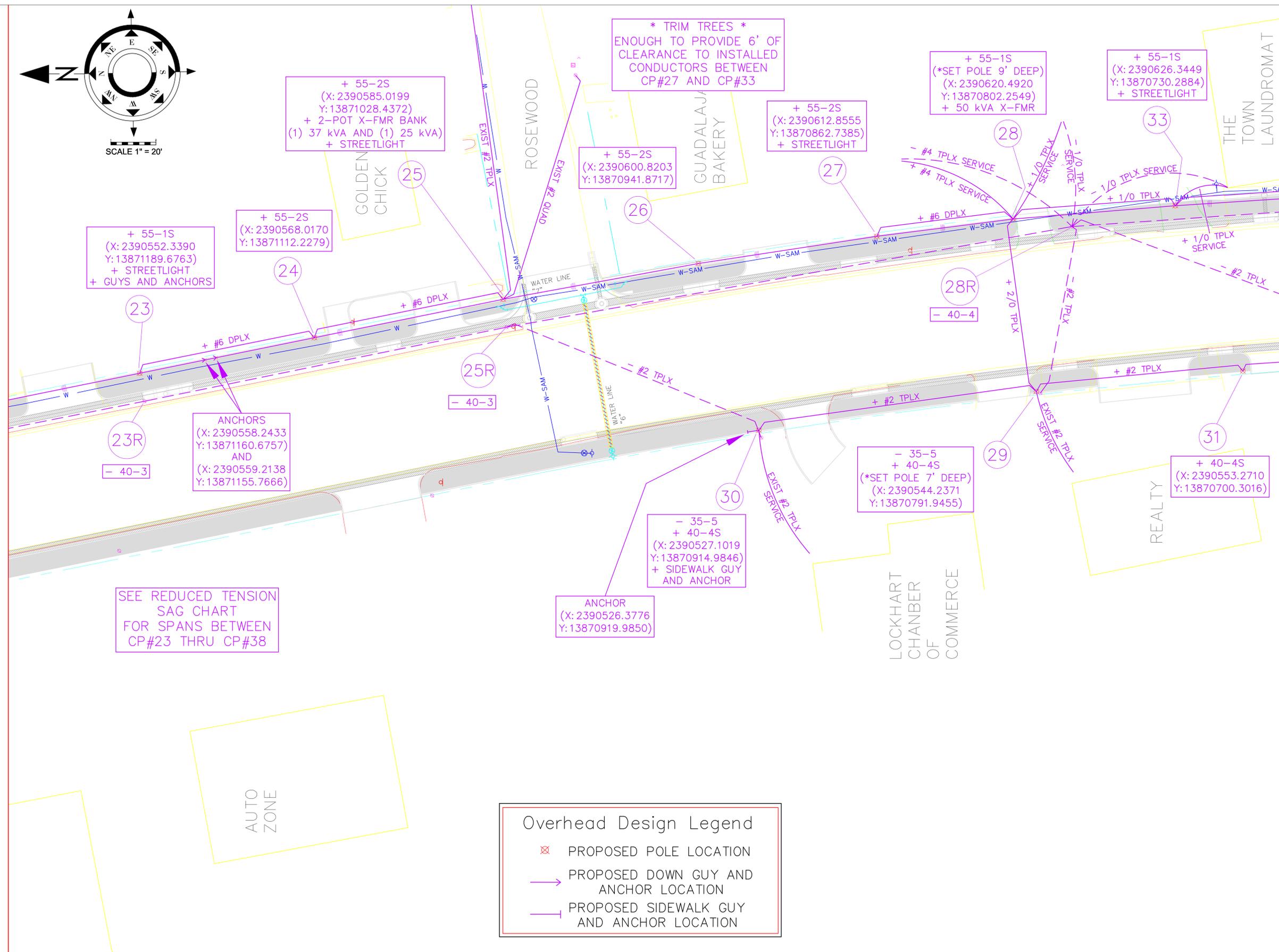
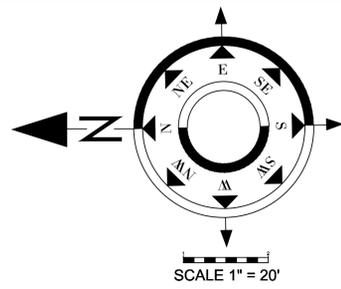
* TRIM TREES *
 ENOUGH TO PROVIDE 6' OF CLEARANCE TO INSTALLED CONDUCTORS THROUGHOUT THE PARK AREA BETWEEN CP#14 AND CP#20



MATCHLINE
 SHEET 4 OF 11

MATCHLINE
 SHEET 6 OF 11

NOTE: EXISTING SURFACE AND SUBSURFACE FACILITIES (GAS MAINS, WATER MAINS, STORM SEWERS, TELEPHONE CABLES, ETC.) ARE SHOWN ON THE PLANS IF THEIR LOCATION HAS BEEN DETERMINED, BUT IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGING THESE EXISTING FACILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL OF THESE FACILITIES ON THE PLANS OR TO SHOW THEM IN THEIR EXACT LOCATION. IF ANY FACILITY IS DAMAGED BY THE CONTRACTOR IT SHALL BE HIS RESPONSIBILITY TO REPAIR THE DAMAGE AT HIS OWN EXPENSE AND RESTORE THE FACILITY TO ITS FUNCTIONAL USE.



MATCHLINE SHEET 5 OF 11

MATCHLINE SHEET 7 OF 11



CITY OF LOCKHART
HWY 183 UTILITY RELOCATION
OVERHEAD ELECTRIC DESIGN



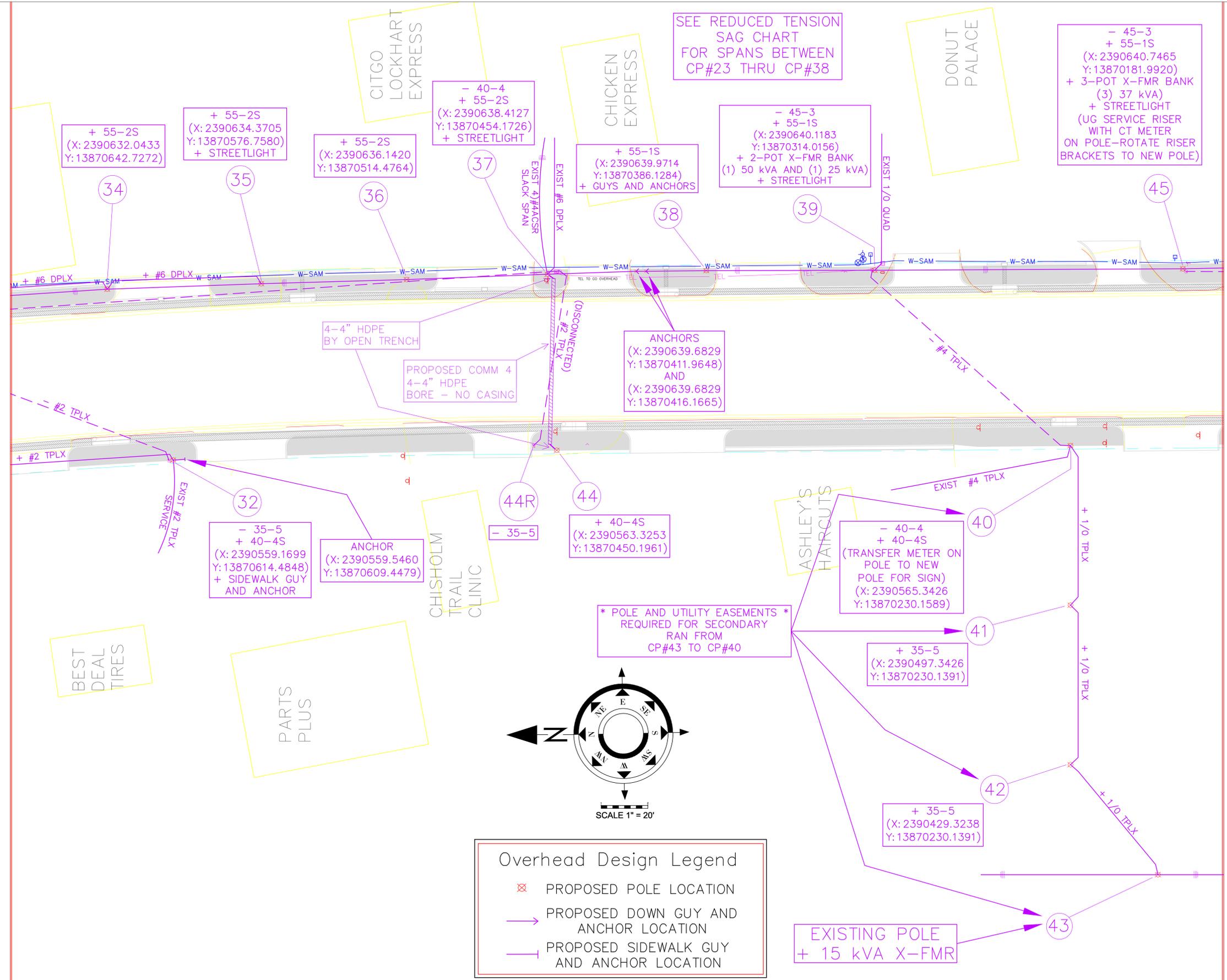
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NO.	REVISION	DATE



CITY OF LOCKHART
 HWY 183 UTILITY RELOCATION
 OVERHEAD ELECTRIC DESIGN

CITY OF LOCKHART
 HWY 183 UTILITY RELOCATION
 OVERHEAD ELECTRIC DESIGN



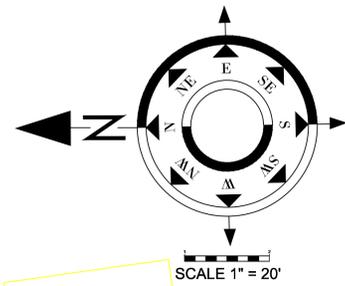
MATCHLINE SHEET 6 OF 11

MATCHLINE SHEET 8 OF 11

Overhead Design Legend

- ⊗ PROPOSED POLE LOCATION
- PROPOSED DOWN GUY AND ANCHOR LOCATION
- PROPOSED SIDEWALK GUY AND ANCHOR LOCATION

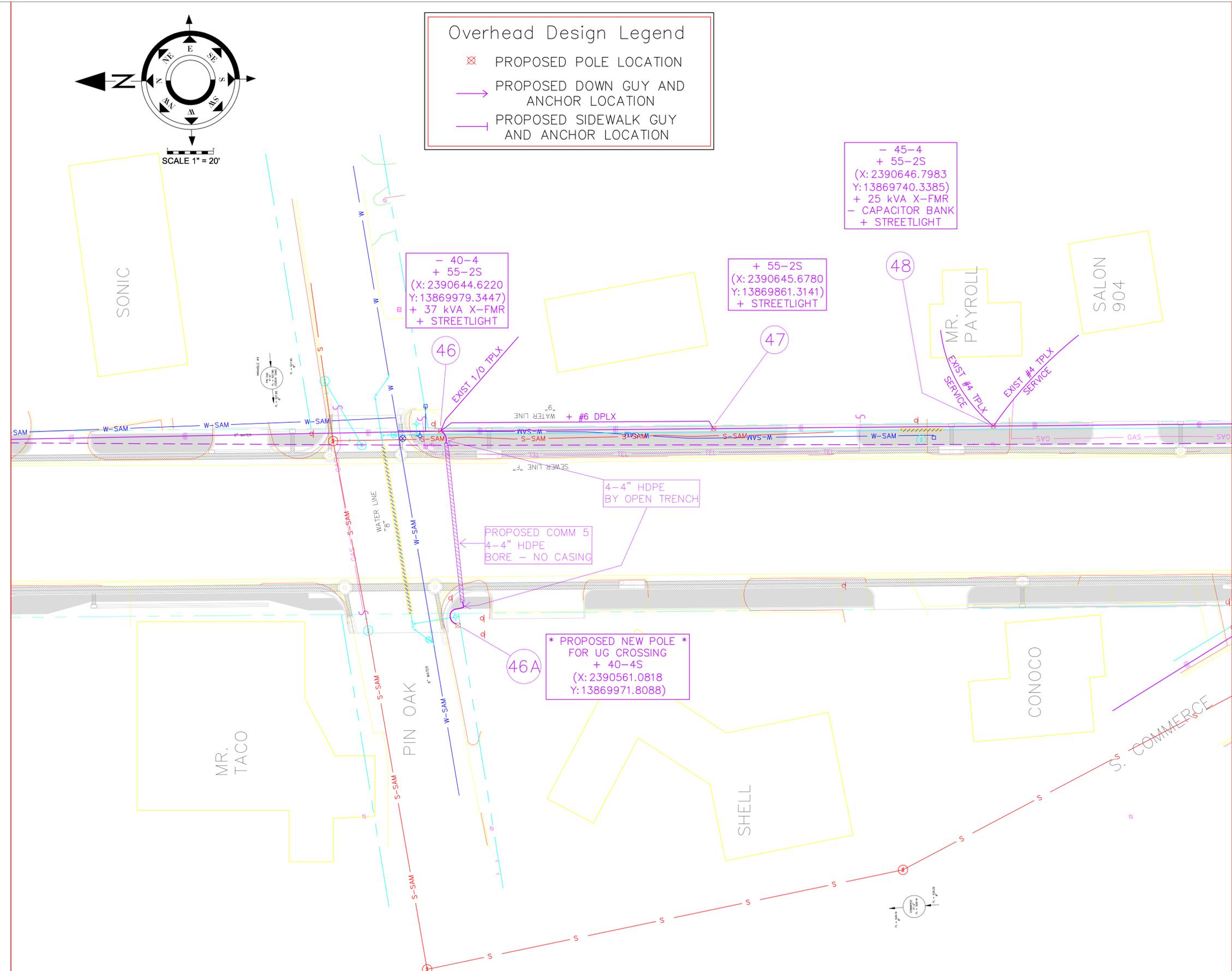
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Overhead Design Legend

- ⊗ PROPOSED POLE LOCATION
- PROPOSED DOWN GUY AND ANCHOR LOCATION
- └ PROPOSED SIDEWALK GUY AND ANCHOR LOCATION

MATCHLINE SHEET 7 OF 11



MATCHLINE SHEET 9 OF 11

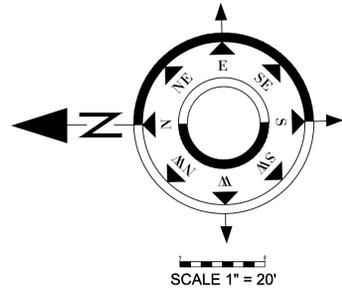
NOTE: EXISTING SURFACE AND SUBSURFACE FACILITIES (GAS MAINS, WATER MAINS, STORM SEWERS, TELEPHONE CABLES, ETC.) ARE SHOWN ON THE PLANS IF THEIR LOCATION HAS BEEN DETERMINED, BUT IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGING THESE EXISTING FACILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL OF THESE FACILITIES ON THE PLANS OR TO SHOW THEM IN THEIR EXACT LOCATION. IF ANY FACILITY IS DAMAGED BY THE CONTRACTOR IT SHALL BE HIS RESPONSIBILITY TO REPAIR THE DAMAGE AT HIS OWN EXPENSE AND RESTORE THE FACILITY TO ITS FUNCTIONAL USE.



CITY OF LOCKHART
 HWY 183 UTILITY RELOCATION
 OVERHEAD ELECTRIC DESIGN



DESIGN BY:	AT	NO.	REVISION	DATE
DRAWN BY:	TO			
CHECKED BY:	LH			
SCALE:	1" = 20'			
JOB NUMBER:	203387			



Overhead Design Legend

- ⊗ PROPOSED POLE LOCATION
- PROPOSED DOWN GUY AND ANCHOR LOCATION
- PROPOSED SIDEWALK GUY AND ANCHOR LOCATION

* TRIM TREES *
ENOUGH TO PROVIDE
6' OF CLEARANCE
TO INSTALLED CONDUCTORS
BETWEEN CP#49 AND CP#50

- 45-3
+ 55-2S
(X: 2390650.6603
Y: 13869313.8901)
+ STREETLIGHT

3-PHASE
(4)336 ACSR
ENDS AT CP#56
AND 2-PHASE
(3)1/0 ACSR) BEGINS

- 45-3
+ 55-1S
(X: 2390652.0177
Y: 13869164.3100)
+ 3-POT X-FMR BANK
(3) 50 kVA
+ STREETLIGHT
+ GUYS AND ANCHOR

* SEE METER *
DETAIL DRAWING
CP#56

+ 30-5
(POSSIBLE NEW LOCATION
FOR MP FEEDING
CAR WASH—WILL NEED
CUSTOMER APPROVAL)
(X: 2390670.8596
Y: 13869172.9135)

+ 50-1S
(X: 2390647.8798
Y: 13869620.3141)
+ VERTICAL SWITCH

+ 50-1S
(X: 2390649.4213
Y: 13869486.7286)
+ STREETLIGHT

NEWLY
INSTALLED
EXISTING
POLE

+ 1/0 QUAD
SERVICE
TO NEW MP

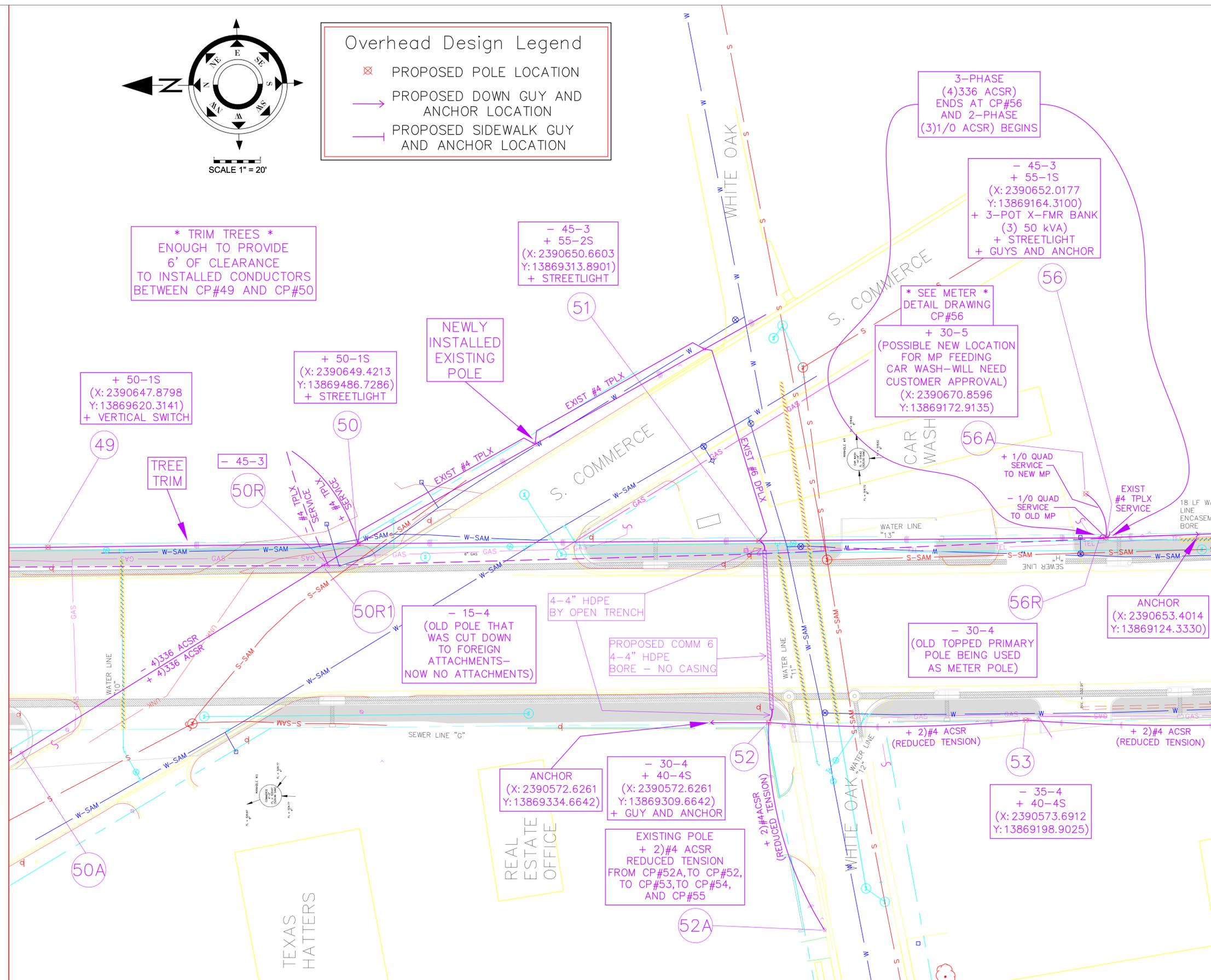
- 1/0 QUAD
SERVICE
TO OLD MP

EXIST
#4 TPLX
SERVICE

18 LF WAT
LINE
ENCASEMENT
BORE

MATCHLINE
SHEET 10 OF 11

MATCHLINE
SHEET 8 OF 11



TREE TRIM

- 45-3

- 15-4
(OLD POLE THAT
WAS CUT DOWN
TO FOREIGN
ATTACHMENTS—
NOW NO ATTACHMENTS)

4-4" HDPE
BY OPEN TRENCH

PROPOSED COMM 6
4-4" HDPE
BORE - NO CASING

- 30-4
(OLD TOPPED PRIMARY
POLE BEING USED
AS METER POLE)

ANCHOR
(X: 2390653.4014
Y: 13869124.3330)

ANCHOR
(X: 2390572.6261
Y: 13869334.6642)

- 30-4
+ 40-4S
(X: 2390572.6261
Y: 13869309.6642)
+ GUY AND ANCHOR

EXISTING POLE
+ 2)#4 ACSR
REDUCED TENSION
FROM CP#52A, TO CP#52,
TO CP#53, TO CP#54,
AND CP#55

- 35-4
+ 40-4S
(X: 2390573.6912
Y: 13869198.9025)

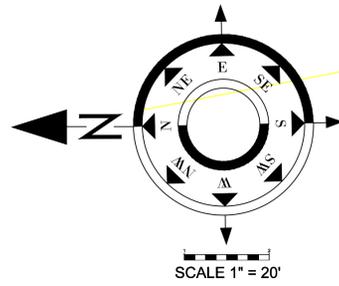
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CITY OF LOCKHART
HWY 183 UTILITY RELOCATION
OVERHEAD ELECTRIC DESIGN



DESIGN BY:	AT	NO.	REVISION	DATE
DRAWN BY:	TO			
CHECKED BY:	LH			
SCALE:	1" = 20'			
JOB NUMBER:	203387			

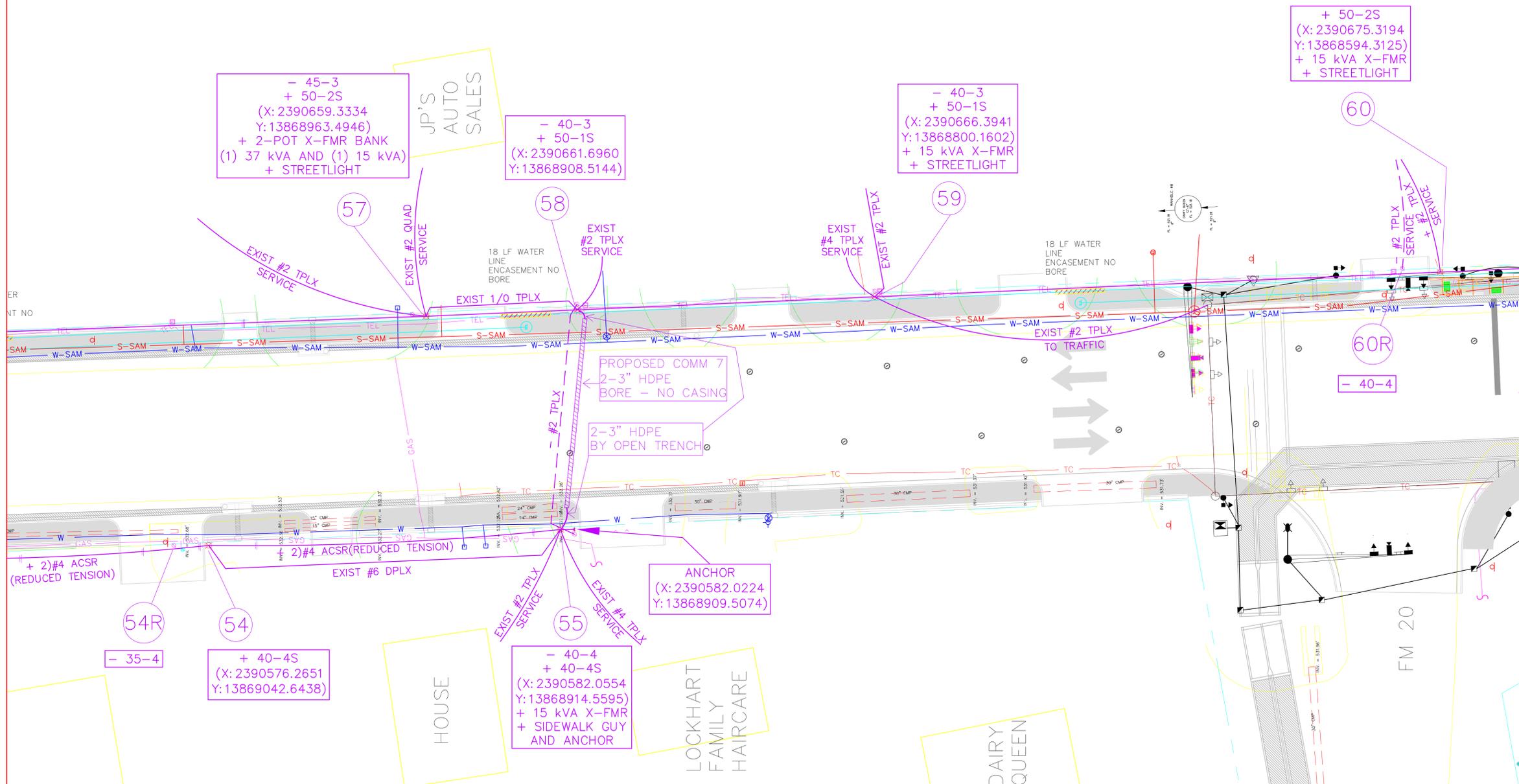


Overhead Design Legend

- ⊗ PROPOSED POLE LOCATION
- PROPOSED DOWN GUY AND ANCHOR LOCATION
- PROPOSED SIDEWALK GUY AND ANCHOR LOCATION

MATCHLINE SHEET 9 OF 11

MATCHLINE SHEET 11 OF 11



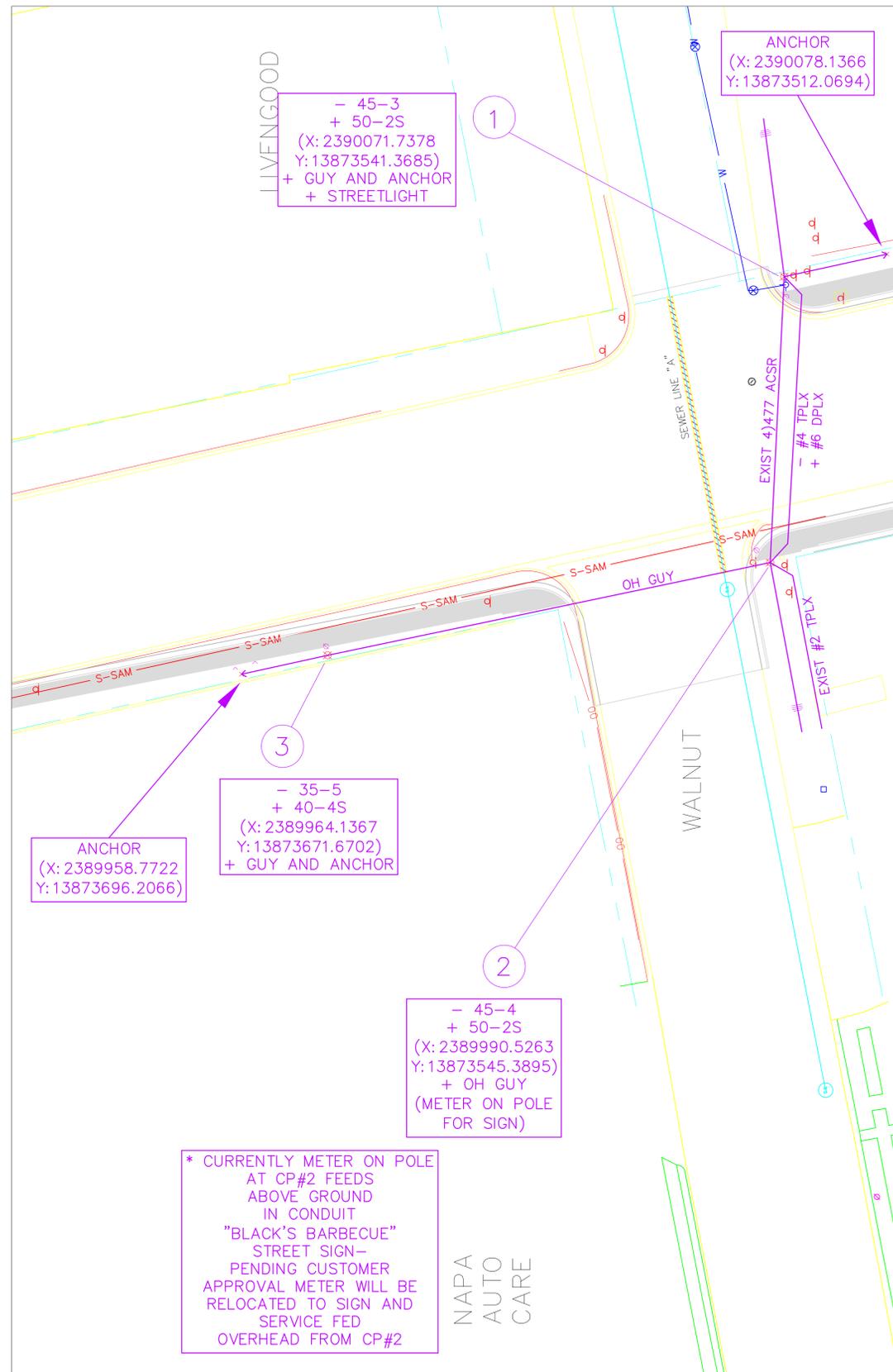
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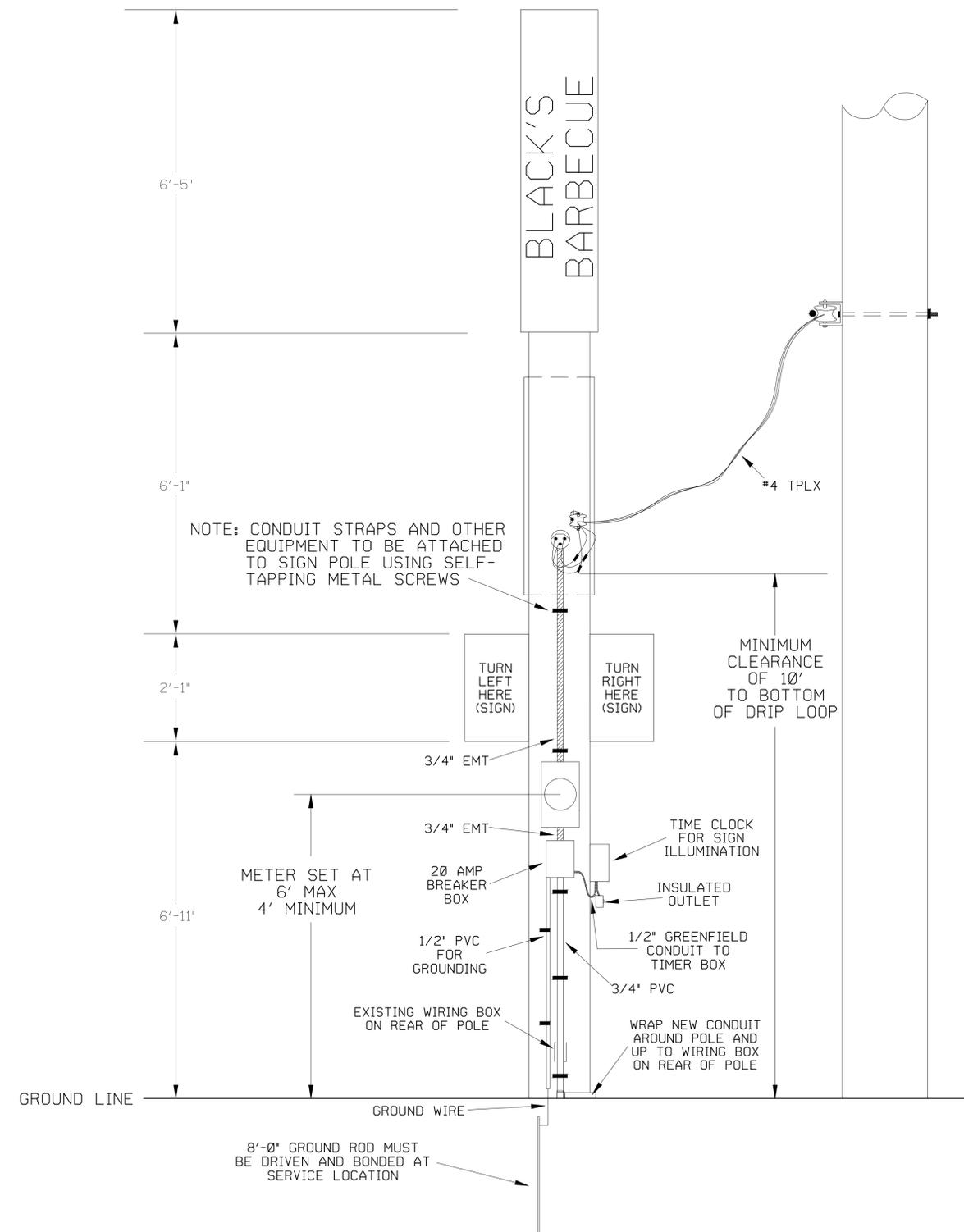
CITY OF LOCKHART
HWY 183 UTILITY RELOCATION
OVERHEAD ELECTRIC DESIGN



DESIGN BY:	AT	NO.	REVISION	DATE
DRAWN BY:	TO			
CHECKED BY:	LH			
SCALE:	1" = 20'			
JOB NUMBER:	203387			



RELOCATION OF METER AND SERVICE AT CP#2
 * NOTE: WHEN POSSIBLE USE EXISTING MATERIALS BEING REMOVED FROM OLD CP#2 *
CUSTOMER APPROVAL WILL BE REQUIRED



NOTE: EXISTING SURFACE AND SUBSURFACE FACILITIES (GAS MAINS, WATER MAINS, STORM SEWERS, TELEPHONE CABLES, ETC.) ARE SHOWN ON THE PLANS IF THEIR LOCATION HAS BEEN DETERMINED, BUT IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AVOID DAMAGING THESE EXISTING FACILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR FAILURE TO SHOW ANY OR ALL OF THESE FACILITIES ON THE PLANS OR TO SHOW THEM IN THEIR EXACT LOCATION. IF ANY FACILITY IS DAMAGED BY THE CONTRACTOR IT SHALL BE HIS RESPONSIBILITY TO REPAIR THE DAMAGE AT HIS OWN EXPENSE AND RESTORE THE FACILITY TO ITS FUNCTIONAL USE.



CITY OF LOCKHART
 HWY 183 UTILITY RELOCATION
 OVERHEAD ELECTRIC DESIGN
 (METER RELOCATION AT CP#2)



NO.	AT	DESIGN BY:	TO	DATE
	TO	DRAWN BY:		
	LH	CHECKED BY:		
	NOT TO SCALE	SCALE:		
	203387	JOB NUMBER:		

