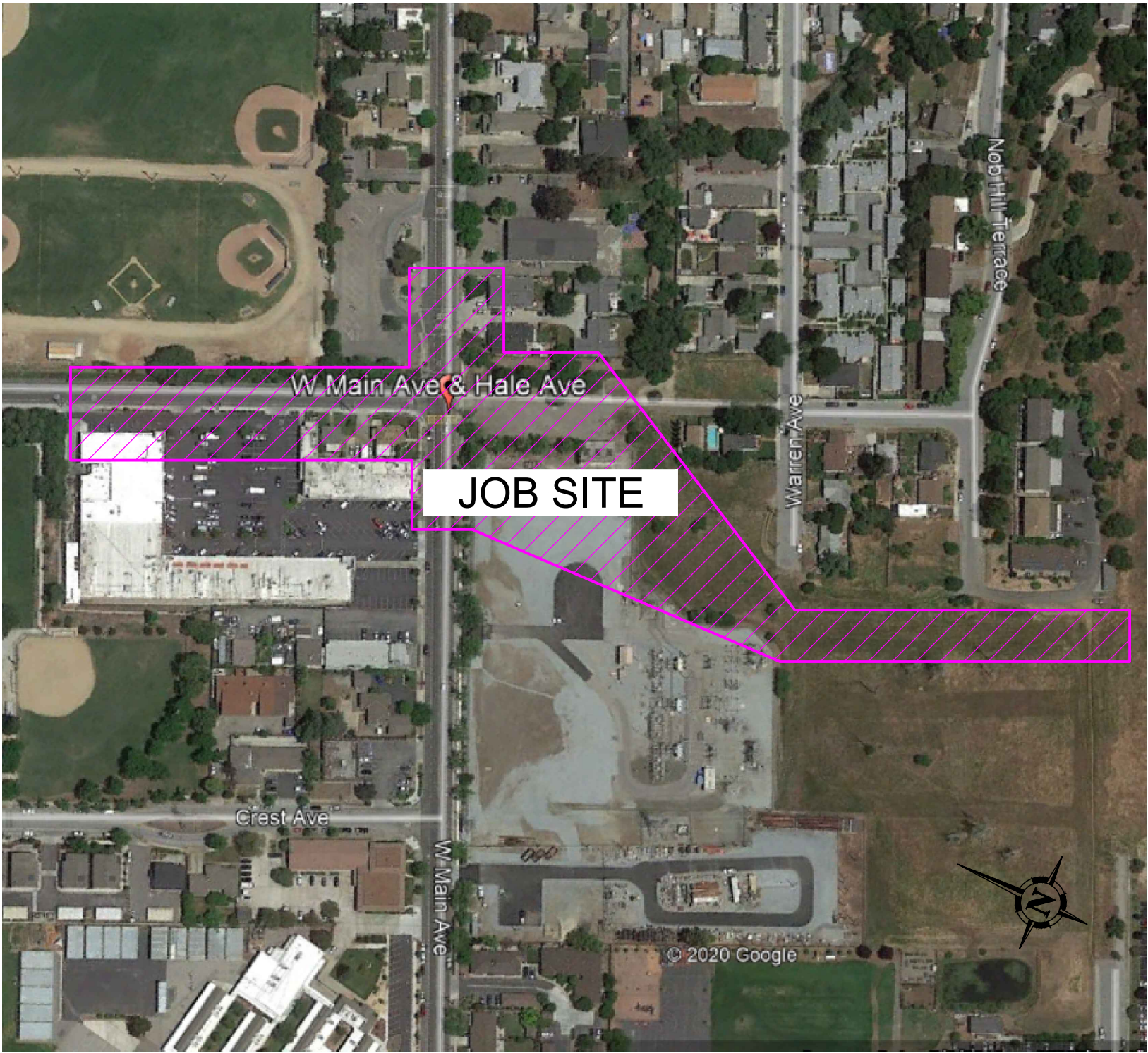


HALE AVE EXT. RULE 20
HALE AVE AND MAIN AVE
MORGAN HILL, CA



UTILITY APPROVALS

UTILITY APPROVALS			
UTILITY	APPROVED BY	DATE	REF #
PG&E ELECTRIC	GREG ELDER	4/30/2020	
AT&T			
FRONTIER			
COMCAST			

16. SERVICE SADDLES ARE THE PREFERRED SERVICE FITTINGS FOR USE THROUGHOUT THE JOINT TRENCH PROJECT. ALL PROJECTS WILL BE DESIGNED AND ESTIMATED USING SERVICE SADDLES. HOWEVER, SERVICE TEES MAY BE USED IF ALL CLEARANCES, SEPARATION, AND COVERAGE REQUIREMENTS ARE MAINTAINED.

17. CONTRACTOR TO INCREASE METER SPACING AS NECESSARY WHEN EARTHQUAKE VALVES OR OTHER ADDITIONAL SAFETY EQUIPMENT ARE REQUIRED. EARTHQUAKE VALVES ARE REQUIRED IN SOME AREAS AND ARE NOT PART OF PG&E/PMG SCOPE. THIS INFORMATION CAN BE FOUND ON BUILDING MECHANICAL ENGINEER'S PLANS. PG&E STANDARD METER SPACING REQUIREMENTS DO NOT INCLUDE CLEARANCE FOR EARTHQUAKE VALVES.

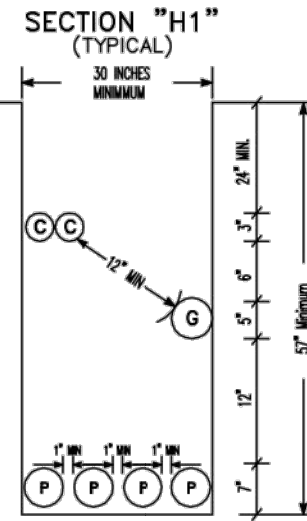
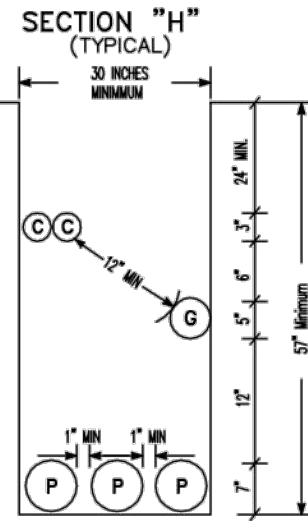
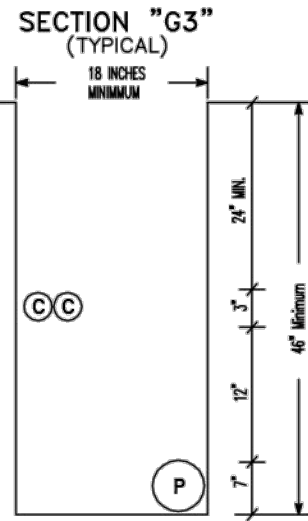
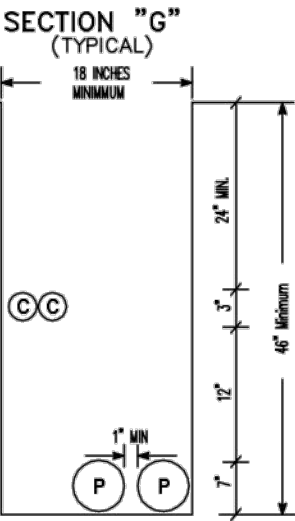
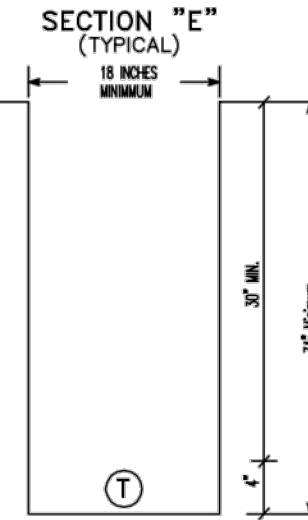
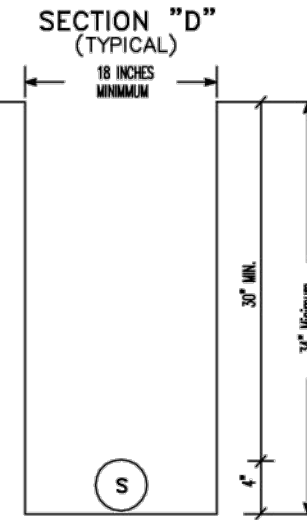
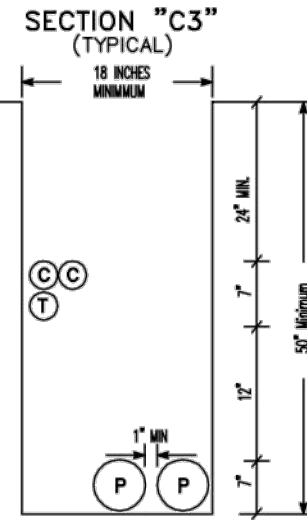
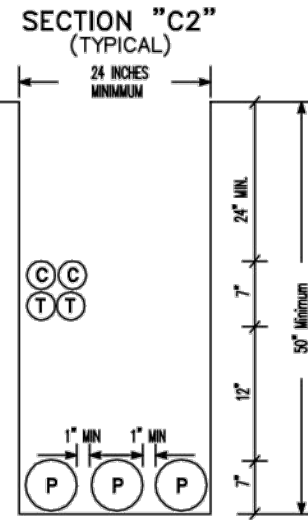
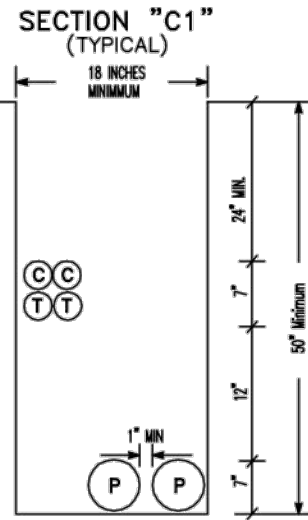
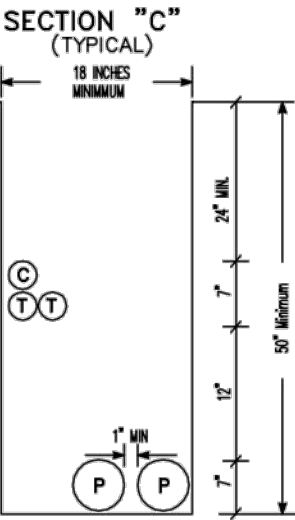
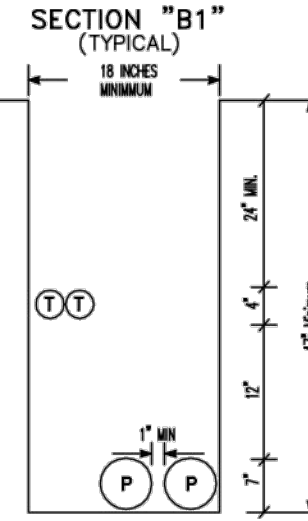
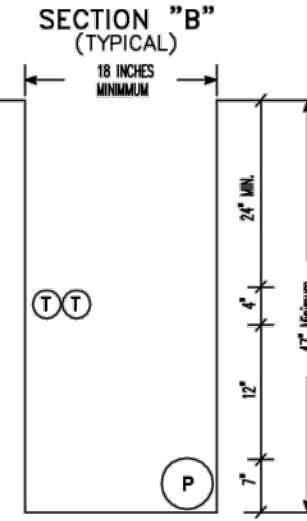
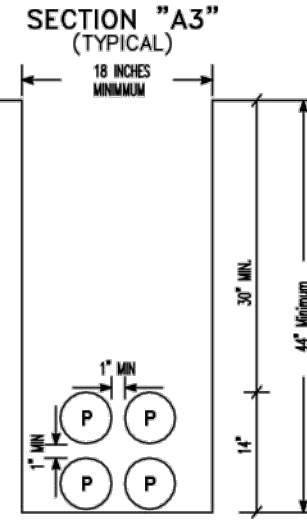
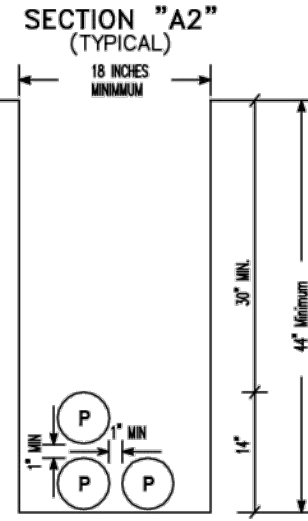
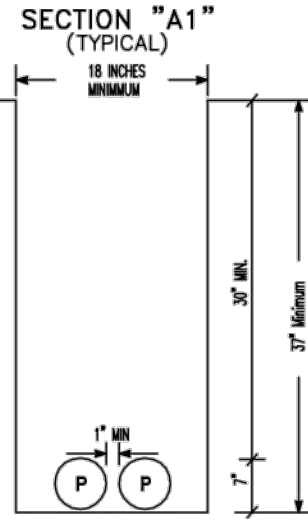
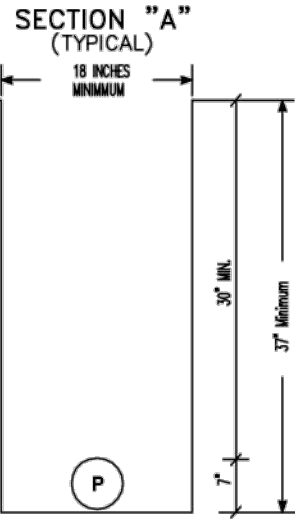


**Know what's below.
Call before you dig.**

[illegible]

3. THE PREFERRED TRENCH LOCATION IS IN A PUBLIC UTILITY EASEMENT.
2. ALL DEPTHS AND RESULTING COVER REQUIREMENTS ARE MEASURED FROM FINAL GRADE.
3. COVER, CLEARANCES, AND SEPARATION SHALL BE AS GREAT AS PRACTICABLE UNDER THE CIRCUMSTANCES, BUT UNDER NO CIRCUMSTANCES SHALL BE LESS THAN THE MINIMUM COVER, CLEARANCE, AND SEPARATION REQUIREMENTS SET FORTH IN GENERAL ORDER 128 AND 49CFR 192.321, AND 49CFR 192.327. ALL FACILITIES SHALL BE ANCHORED IN PLACE PRIOR TO COMPACTION, OR OTHER MEANS SHALL BE TAKEN TO ENSURE NO MOTION OF THE FACILITIES. DIMENSIONAL REQUIREMENTS FOR SHADING, LEVELING, AND BACKFILLING SHALL BE DETERMINED SUBSEQUENT.
4. NON-UTILITY FACILITIES ARE NOT ALLOWED IN ANY JOINT TRENCH, ETC. IRRIGATION LINES, PRIVATE PHONE, ETC.
5. WHEN COMMUNICATION DUCTS ARE INSTALLED, A MINIMUM OF 12" RADIAL SEPARATION SHALL BE MAINTAINED FROM GAS FACILITIES.
6. PROVIDE SEPARATION FROM TRENCH WALL AND OTHER FACILITIES SUFFICIENT TO ENSURE PROPER COMPACTION.
7. MAINTAIN PROPER SEPARATION BETWEEN PG&E FACILITIES AND "WET" UTILITY LINES AS DESCRIBED IN UO STANDARD S5453. THE MINIMUM ALLOWABLE HORIZONTAL SEPARATION BETWEEN COMPANY FACILITIES AND "WET" FACILITIES IS 3' WITH A MINIMUM 1' OF UNDISTURBED EARTH OR THE INSTALLATION OF A SUITABLE BARRIER BETWEEN . IF A 3' HORIZONTAL SEPARATION CANNOT BE ATTAINED BETWEEN "WET" UTILITIES AND COMPANY FACILITIES A VARIANCE MAY BE APPROVED BY THE LOCAL INSPECTION SUPERVISOR AND SUBMITTED TO THE SERVICE PLANNING SUPPORT PROGRAM MANAGER FOR APPROVAL. SEPARATIONS OF 1' OR LESS ARE NOT PERMISSIBLE AND WILL NOT BE ALLOWED.
8. SEPARATIONS SHALL BE MAINTAINED AT ABOVE GROUND TERMINATION POINTS.
9. PROCEDURES FOR APPROVING NATIVE BACKFILL FOR SHADING AT PG&E FACILITIES:
 - RANDOM SOIL SAMPLES SHALL BE TAKEN FROM A MINIMUM OF 3 LOCATIONS PER 1000' OF TRENCH. ADDITIONAL SAMPLES MUST BE TAKEN IF EXISTING SOIL CONDITIONS CHANGE AND ARE TO BE TAKEN AT THE DISCRETION OF THE PG&E REPRESENTATIVE ON SITE.
 - SHADING MATERIAL CONTAINING LARGE ROCK, PAVING MATERIAL, CINDERS, SHARPLY ANGULAR SUBSTANCES, OR CORROSIVE MATERIAL SHALL NOT BE PLACED IN THE TRENCH WHERE SUCH MATERIAL MAY DAMAGE THE CONDUITS AND/OR PREVENT PROPER COMPACTION OVER AND AROUND CONDUITS.
 - NATIVE SOILS CONTAINING CLODS NOT TO EXCEED 6" IN DIAMETER MAY BE INCLUDED IN THE SHADING MATERIAL PROVIDED THE CLODS ARE READILY BREAKABLE BY HAND.
 - AT NO TIME SHALL THE OVER SATURATION OF NATIVE SOILS BE USED TO ACHIEVE THESE REQUIREMENTS.
10. SEPARATION BETWEEN GAS FACILITIES AND ELECTRIC FACILITIES MAY BE REDUCED TO 6" WHEN CROSSING.

- APPLICANT TO DO ALL TRENCHING AND BACKFILLING
- APPLICANT TO INSTALL ALL SUBSTRUCTURES
- APPLICANT TO PROVIDE SAND ON-SITE
- APPLICANT TO PERFORM 1899' OF TRENCHING AND BACKFILLING. SEE DRAWINGS FOR DETAILS.
- APPLICANT MUST SCHEDULE A PRECONSTRUCTION CONSULTATION WITH THE PG&E TRENCH INSPECTION DESK AND SECOND APPOINTMENT FOR TRENCH INSPECTION
- APPLICANT TO NOTIFY PG&E TRENCH INSPECTION DESK FOR APPOINTMENT. 7 BUSINESS DAYS MINIMUM NOTICE IS REQUIRED.
- GUIDELINES AND STANDARDS FOR PG&E FACILITIES CAN BE FOUND AT PGE.COM/GREENBOOK



Underground Service Alert



Call: TOLL FREE
811

DATE:
TICKET #
BY:

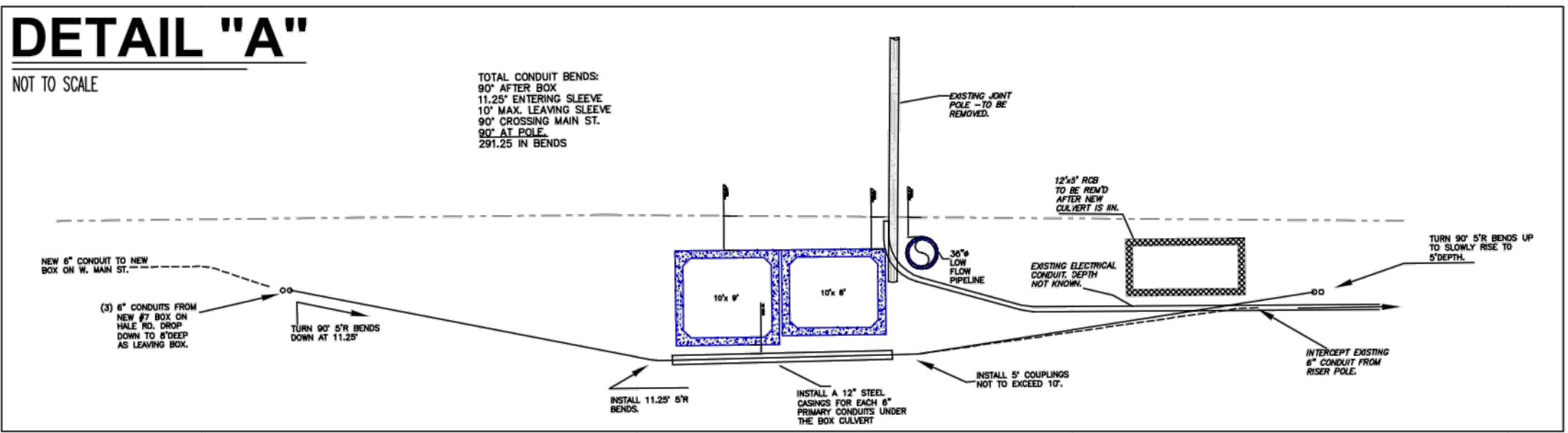
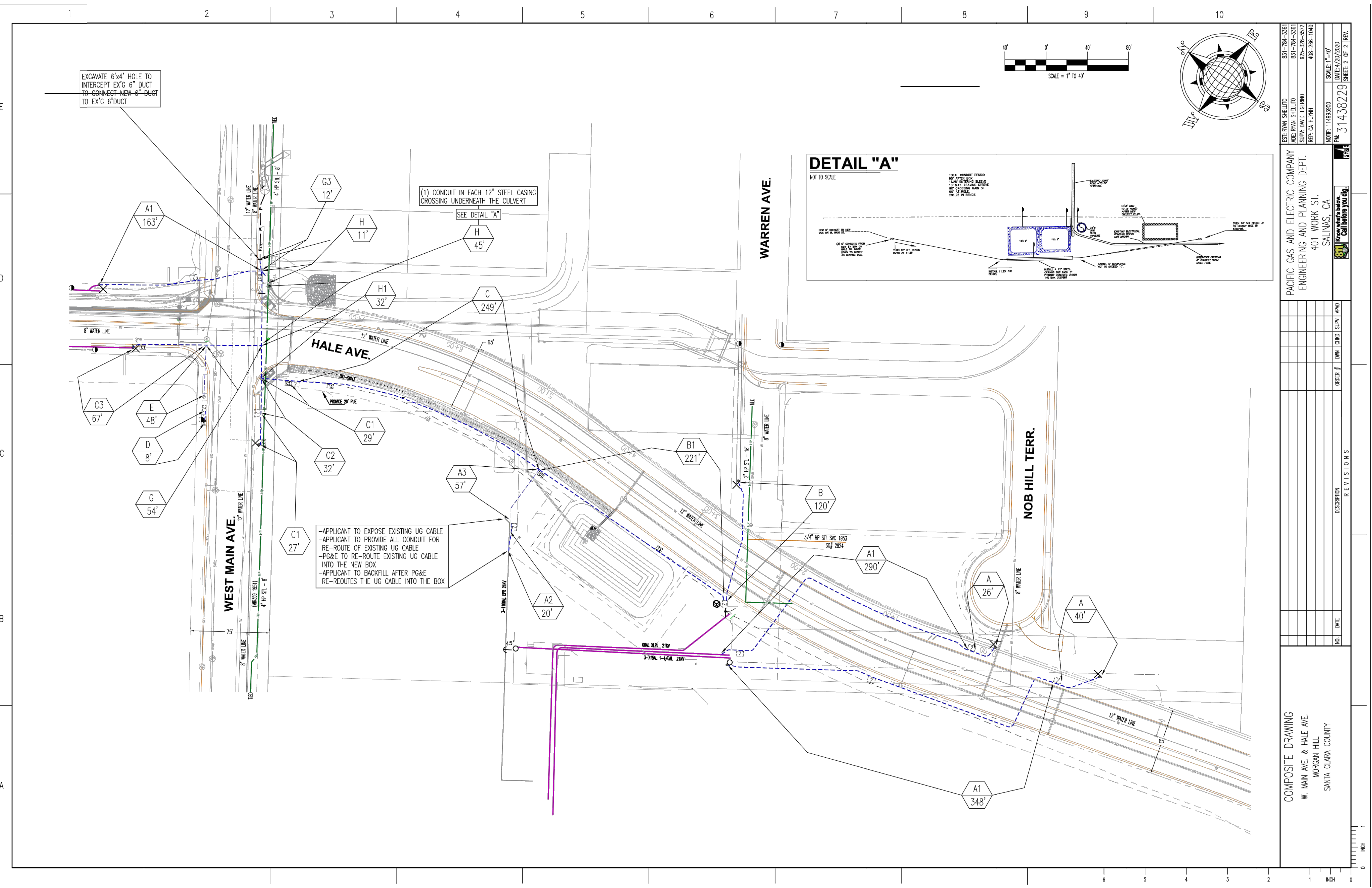
TRENCH SECTION	LENGTH	DIMENSION	ELECTRIC					
			6" P	3" S	2" GAS	3" CA	4" TEL	
A	66'	18"x37"	1					
A1	80'1"	18"x37"	2					
A2	20'	18"x44"	3					
A3	57'	18"x44"	4					
B	120'	18"x47"	1				2	
B1	22'1"	18"x47"	2				2	
C	249'	18"x50"	2			1	2	
C1	56'	18"x50"	2			2	2	
C2	32'	24"x50"	3			2	2	
C3	67'	24"x50"	2			2	1	
D	8'	18"x34"		1				
E	48'	18"x34"					1	
G	54'	18"x46"	2			2		
G3	12'	18"x46"	1			2		
H	56'	30"x57"	3		1	2		
H1	32'	30"x57"	4		1	2		

EST: RYAN SHELITO	831-784-3361
AOE: RYAN SHELITO	831-784-3361
SUPV: DAVID TIGERINO	925-328-5572
REP: CA HUYNH	408-266-1040
NOTIF: 114993900	SCALE: 1"=40'
PM: 31438229	DATE: 4/20/2020
	SHEET: 1 OF 2 REV.

PACIFIC GAS AND ELECTRIC COMPANY
ENGINEERING AND PLANNING DEPT.
401 WORK ST.
SALINAS, CA

[illegible]

COMPOSITE DRAWING
W. MAIN AVE. & HALE AVE.
MORGAN HILL
SANTA CLARA COUNTY



-APPLICANT TO EXPOSE EXISTING UG CABLE
-APPLICANT TO PROVIDE ALL CONDUIT FOR RE-ROUTE OF EXISTING UG CABLE
-PG&E TO RE-ROUTE EXISTING UG CABLE INTO THE NEW BOX
-APPLICANT TO BACKFILL AFTER PG&E RE-ROUTES THE UG CABLE INTO THE BOX

COMPOSITE DRAWING
W. MAIN AVE. & HALE AVE.
MORGAN HILL
SANTA CLARA COUNTY

831-784-3361
831-784-3361
925-328-5572
408-266-1040

831-784-3361
831-784-3361
925-328-5572
408-266-1040

114953900
DATE: 4/20/2020
SHEET: 2 OF 2 REV.

DATE: 4/20/2020
SHEET: 2 OF 2 REV.

NO. DATE

DESCRIPTION

REVISIONS

ORDER #

DW

CHD

SUPV

APD

Know what's below.
811 Call before you dig.

PACIFIC GAS AND ELECTRIC COMPANY
ENGINEERING AND PLANNING DEPT.
401 WORK ST.
SALINAS, CA

NOTES:

1. APPLICANT TO TRENCH JOINT WITH ELECTRIC, PHONE, & CATV
2. APPLICANT TO PROVIDE ALL ELECTRIC SUBSTRUCTURES AS SHOWN.
3. APPLICANT TO PROVIDE MULE TAPE IN ALL ELECTRIC CONDUITS.
4. APPLICANT "TO PROVIDE MANDREL" AND PROVING OF ALL ELECTRIC CONDUIT FACILITIES WITH PG&E INSPECTOR STANDBY.
5. THE TOTAL NUMBER OF BENDS INSTALLED IN ANY PRIMARY DUCT RUN SHALL NOT EXCEED 300 DEGREES. THE TOTAL NUMBER OF BENDS IN ANY SECONDARY DUCT RUN IN EXCESS OF 200 FEET SHALL NOT EXCEED 300 DEGREES. ANY SECONDARY DUCT RUN EQUAL TO OR LESS THAN 200 FEET IN LENGTH MAY CONTAIN UP TO A TOTAL OF 315 DEGREES IN BENDS.
6. PG&E INSPECTOR'S PHONE # (408) 299-1024
7. APPLICANT IS RESPONSIBLE TO ENSURE TRENCHING AND SUBSTRUCTURE INSTALLATION MEET PG&E GREENBOOK STANDARDS. GREENBOOKS ARE AVAILABLE AT YOUR LOCAL PG&E HEADQUARTERS OR CAN BE FOUND ON THE INTERNET @ WWW.PGE.COM/GREENBOOK
8. A 3' SEPARATION IS REQUIRED BETWEEN JOINT TRENCH AND WET FACILITIES.
9. APPLICANT TO FOLLOW CLEARANCE REQUIREMENTS FOR ALL NEW EQUIPMENT PER DOCUMENT 051122.
10. FLAME RESISTANT (FR) CLOTHING IS REQUIRED WHEN WORKING ON OR AROUND PG&E FACILITIES AND EQUIPMENT. SEE PG&E GREENBOOK FOR ADDITIONAL DETAILS
11. MINIMUM OF SCHEDULE 40 CONDUIT TO BE INSTALLED

LEGEND

- [7] = PG&E TO INSTALL 600A 3-WAY, 3-WAY SS SWITCH IN 4'6"x8'6"x 6' (IVT) PRIMARY ENCLOSURE BY APPLICANT AS SHOWN
- [7] = PG&E TO INSTALL 600A PRIMARY SPLICES IN 4'6"x8'6"x 6' (IVT) PRIMARY ENCLOSURE BY APPLICANT AS SHOWN
- [2] = APPLICANT TO INSTALL 17"x30"x26" (IVT) SECONDARY ENCLOSURE
- P — P — P — = PG&E TO INSTALL 3-1100A EPR UG PRIMARY CABLE IN EXISTING 6" PVC CONDUIT
- P2 — P2 — P2 — = PG&E TO RE-ROUTE EXISTING UG PRIMARY CABLE IN (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- P6 — P6 — P6 — = PG&E TO INSTALL 3-1100A EPR UG PRIMARY CABLE IN (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- P7 — P7 — P7 — = PG&E TO INSTALL 3-1100A EPR UG PRIMARY CABLE IN (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT IN (1)-12" STEEL CASING FOR CULVERT CROSSING CONDUIT & CASING BY APPLICANT
- D6 — D6 — D6 — = (1)-6" PVC (MINIMUM SCHEDULE 40) SPARE PRIMARY CONDUIT BY APPLICANT
- S — S — S — = PG&E TO INSTALL 4/0A TPX(600V) UG SECONDARY CABLE IN (1)-3" PVC (MINIMUM SCHEDULE 40) SECONDARY CONDUIT BY APPLICANT
- SV1 — SV1 — SV1 — = PG&E TO INSTALL 1/0 TPX ACSR OH SECONDARY - SLACKSPAN
- [7] = EXISTING 4'6"x8'6"x6' PRIMARY SPLICE BOX
- X = PG&E TO SET POLES, AS SHOWN
- Y = PG&E TO SET JT ANCHORS AS SHOWN
- U = PG&E TO SET SOLELY OWNED ANCHORS AS SHOWN
- ⊗ = PG&E TO RELINQUISH JOINT POLE AS SHOWN
- ⊗ = PG&E TO REMOVE JOINT POLES AS SHOWN
- ⊗ = PG&E TO REMOVE SOLELY OWNED POLES
- ⊗ = PG&E TO REMOVE SOLELY OWNED ANCHORS AS SHOWN
- Y = PG&E TO REMOVE JT ANCHORS AS SHOWN
- ▲ = PG&E TO INSTALL 50 KVA 1Ø OH TRANSFORMER
- △ = REMOVE 50 KVA 1Ø OH TRANSFORMER
- ~ = REMOVE 397A &1-1/0A(CN) OH PRIMARY CONDUCTOR
- ~ = REMOVE 3-1/0A OH SECONDARY CONDUCTOR
- ~ = REMOVE 3-1000A EPR UG PRIMARY CABLE
- ⊗ = PG&E TO REMOVE OH SWITCHES AS SHOWN
- ⊗ = PG&E TO INSTALL 900 AMP RISER SWITCHES AS SHOWN.

GLUED RIGID CAPS TO BE INSTALLED ON ENDS OF ALL SPARE CONDUITS. BALL MARKERS (PG&E CODE M374947) TO BE PLACED AT CONDUIT STUBS

RULE 20B: OH TO UG CONVERSION FOR THE CITY OF MORGAN HILL

UNDERGROUND SERVICE ALERT

CONTACT U.S.A. AT LEAST 48 HOURS IN ADVANCE OF TRENCHING OR EXCAVATING. CONTACT PG&E INSPECTOR AT LEAST 48 HOURS IN ADVANCE TO MAKE STANDBY ARRANGEMENTS WHEN WORKING WITHIN 5' OF ENERGIZED FACILITIES.

DEVELOPER NOTES

BEFORE BEGINNING SUBSTRUCTURE WORK, PLEASE CALL THE UNDERGROUND INSPECTOR AT LEAST 48 HOURS IN ADVANCE AT (408)365-2166. (WORK NOT PROPERLY INSPECTED MAY BE REJECTED) IF THERE ARE ANY CONFLICTS BETWEEN SUBSTRUCTURES INSTALLATIONS AND LANDSCAPING CONTACT THE INSPECTOR PRIOR TO INSTALLATION.

Underground Service Alert

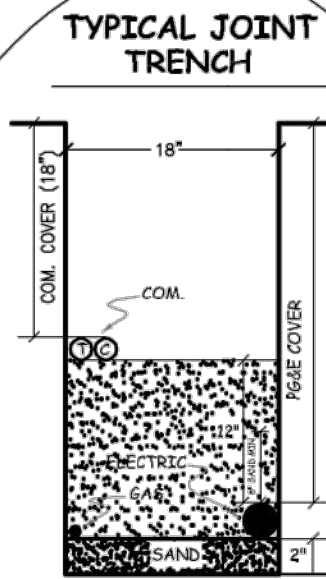


Call: TOLL FREE

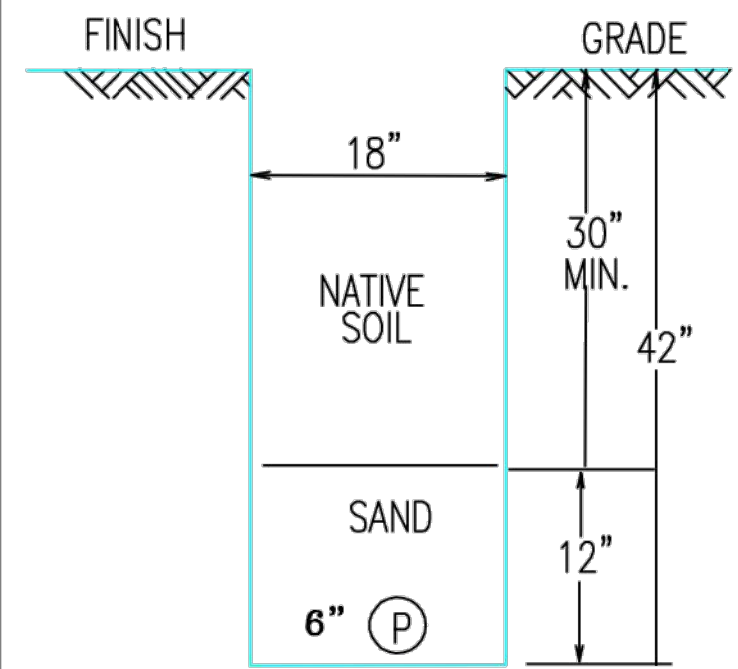
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TWO WORKING DAYS BEFORE YOU DIG

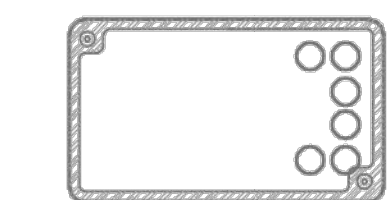
NO APPARENT PG&E GAS CONFLICTS FOR THIS PROJECT
GAS PLATS: Map#3541-G1



DETAIL PRIMARY TRENCH



#2 SPLICE BOX
DETAIL
17"x30"x 18"



PLEASE SEE
PG&E'S
GREENBOOK
FOR
MORE INFO.
DOC# 028028



DETAILS CONSTRUCTION SKETCH

W. MAIN AVE. & HALE AVE.
MORGAN HILL
SANTA CLARA COUNTY

ENGINEERING AND PLANNING DEPT.

10900 N. BLANEY AVE.
CUPERTINO, CA. 95014

Know what's below.
Call before you dig.



NO ENVIRONMENTAL
ISSUES

GAS CONFLICT:

NEAR LOC: NONE

EST: ROBIN WIBETO	408-725-2070
ADE: GREG ELDER	408-725-2051
SUPV: DAVID T. MIRANDA	925-328-5572
REP: CA HUYNH	408-299-1040
PLNR: MIKE TEKLE	408-365-2162
NOTIF: 11493900	JPA#: PG200038VP
SCALE: 1"=30'	DATE: 4/30/20
PM: 31438229	SHEET: 1 OF 4
	REV: 0

PRIMARY VOLTAGE: 21 kV	VOLTAGE AREA: 1
LATITUDE: 37.127638	LONGITUDE: -121.659088
SOURCE SIDE DEVICE: 5041	
SUB & CIRCUIT: MORGAN HILL 2104.06.09.10, 11	
DSGN SAG: SSU	RAPTOR ZONE: YES
LOADING AREA: LIGHT	ARRESTER DIST: 3
CORROSION AREA: NON	INSULATION DIST: B
EXEMPT EQUIP. INST.:	FIRE AREA:

RULE 20B: OH TO UG CONVERSION
FOR THE CITY OF MORGAN HILL

SHEET 2 OF 4
OH REMOVAL



LEGEND

- X = PG&E TO SET POLES, AS SHOWN
- Y = PG&E TO SET JT ANCHORS AS SHOWN
- T = PG&E TO SET SOLELY OWNED ANCHORS AS SHOWN
- ⊗ = PG&E TO RELINQUISH JOINT POLE AS SHOWN
- ⊘ = PG&E TO REMOVE JOINT POLES AS SHOWN
- = PG&E TO REMOVE SOLELY OWNED POLES
- ⊙ = PG&E TO REMOVE SOLELY OWNED ANCHORS AS SHOWN
- Y = PG&E TO REMOVE JT ANCHORS AS SHOWN
- ▲ = PG&E TO INSTALL 50 KVA 1Ø OH TRANSFORMER
- △ = REMOVE 50 KVA 1Ø OH TRANSFORMER
- S1—S1— = PG&E TO INSTALL 1/0 TPX ACSR OH SECONDARY — SLACKSPAN
- S—S— = REMOVE 397A & 1-1/0A(CN) OH PRIMARY CONDUCTOR
- S—S— = REMOVE 3-1/0A OH SECONDARY CONDUCTOR
- S—S— = REMOVE 3-1000A EPR UG PRIMARY CABLE
- ⊗ = PG&E TO REMOVE OH SWITCHES AS SHOWN

JOINT POLE DATA

INSTALL PG200038VP-A @ LOC. 1
20M JOINT PISA
WITH 7/16" PRIMARY DOWN GUY
LEAD = 15'

PG&E TO INSTALL JP#1 @ LOC. 2
50' PG200038VP-1 CLASS 1
PG GRADE: 42'-14'
GT GRADE: 22'-4' SET 8' DEEP

PG&E TO RELINQUISH @ LOC. 4
50'WC2483 CLASS 1
PG GRADE: 43'-15'
GT GRADE: 22'-4'

PG&E TO RELINQUISH @ LOC. 4
WC2483
20M PISA

PG&E TO RELINQUISH @ LOC. 8
45'GL3432-6
PG GRADE: 39'-11'
GT GRADE: 22'-4'

PG&E TO RELINQUISH @ LOC. 8
GL3432-6
20M PISA

PG&E TO INSTALL JP#2 @ LOC. 10
50' PG200038VP-2 CLASS 1
PG GRADE: 42'-14'
GT GRADE: 22'-4' SET 8' DEEP

PG&E TO INSTALL JP#3 @ LOC. 15
50' PG200038VP-3 CLASS 1
PG GRADE: 42'-14'
GT GRADE: 22'-4'

PG&E TO RELINQUISH @ LOC. 20
45' NO JP#
PG GRADE: 39'-11'
GT GRADE: 22'-4'

PG&E TO RELINQUISH @ LOC. 32
50'GT3135SLC
PG GRADE: 43'-18'
GT GRADE: 19'-1'

PG&E TO RELINQUISH @ LOC. 32
GT3135SLC
20M PISA

PG&E TO RELINQUISH @ LOC. 32
GT3135SLC
20M PISA

PG&E TO INSTALL JP#4 @ LOC. 34
50' PG200038VP-4 CLASS 1
PG GRADE: 42'-14'
GT GRADE: 22'-4' SET 8' DEEP

PG&E TO INSTALL JP#5 @ LOC. 35
50' PG200038VP-5 CLASS 1
PG GRADE: 42'-14'
GT GRADE: 22'-4' SET 8' DEEP

PG&E TO REMOVE @ LOC. 39
50'GTO3989-1
PG GRADE: 43'-17'
GT GRADE: NO LONGER ON POLE

PG&E TO REMOVE @ LOC. 41
50'VERISON CA
PG GRADE: 43'-19'
GT GRADE: NO LONGER ON POLE

EST:ROBIN WIBETO 408-725-2070
ADE:GREG ELDER 408-725-2051
SUPV:DAVID T. MIRANDA 925-328-5572
REP:CA HUYNH 408-299-1040
PLNR:MIKE TEKLE 408-385-2162
NOTIF:11493900
DATE:4/30/20
SHEET:2 OF 4

ENGINEERING AND PLANNING DEPT.
10900 N. BLANEY AVE.
CUPERTINO, CA. 95014

NO ENVIRONMENTAL ISSUES
GAS CONFLICT: NONE

NO.	DATE	DESCRIPTION
1		PRIMARY VOLTAGE: 21 KV VOLTAGE AREA: 1
2		LATITUDE: 37.127638 LONGITUDE: -121.650088
3		SOURCE SITE DEVICE: 5041
4		SUB & CIRCUIT: MORGAN HILL 2104
5		DSGN SAG: SSU
6		RAFTER ZONE: YES
7		LOADING AREA: LIGHT
8		ARRESTER DIST: 3
9		CORROSION AREA: NON
10		INSULATION DIST: B
11		EXEMPT EQUIP: INST: NO
12		FIRE AREA:

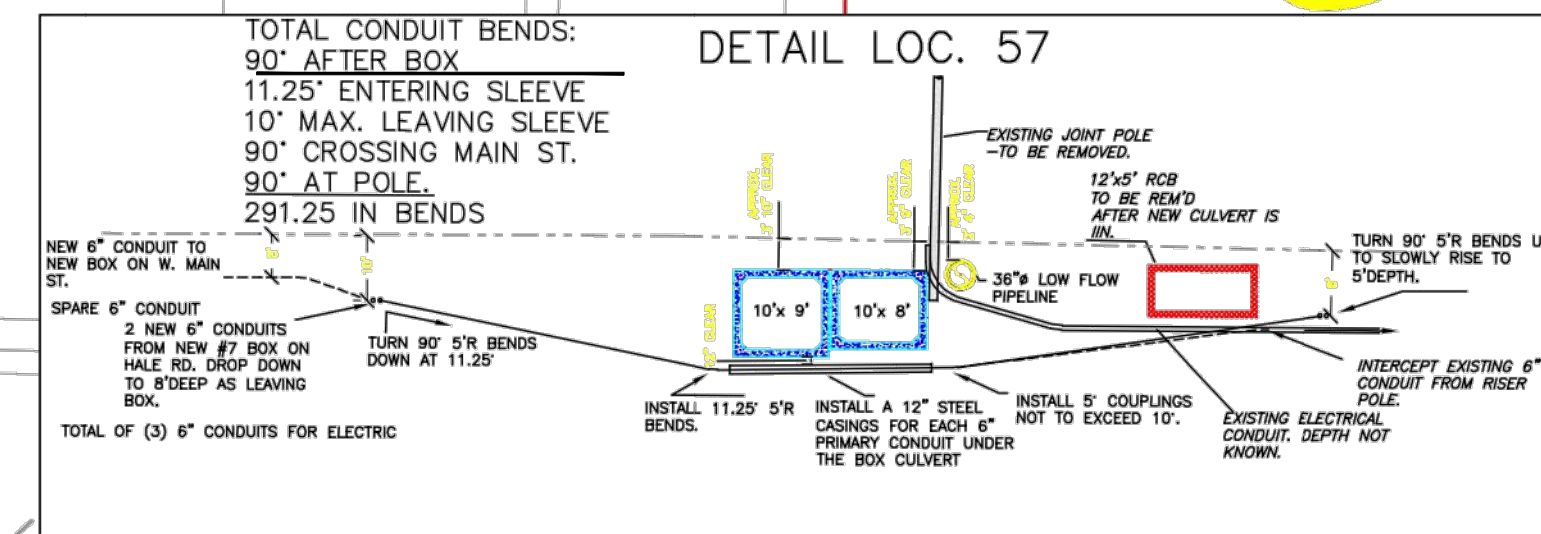
CONSTRUCTION SKETCH

HALE AVE & WEST MAIN AVE
MORGAN HILL
SANTA CLARA COUNTY
PACIFIC GAS & ELECTRIC COMPANY

LEGEND

- [7] = APPLICANT TO INSTALL 4'6"x8'6"x 6' (IVT) PRIMARY ENCLOSURE
- P = PG&E TO INSTALL 3-1100A EPR UG PRIMARY CABLE IN EXISTING 6" PRIMARY CONDUIT
- P2 = PG&E TO RE-ROUTE EXISTING UG PRIMARY CABLE IN (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- P6 = PG&E TO INSTALL 3-1100A EPR UG PRIMARY CABLE IN (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- P7 = PG&E TO INSTALL 3-1100A EPR UG PRIMARY CABLE IN (1) 6" PVC CONDUIT IN (1) 12" STEEL CASING BY APPLICANT
- D6 = INSTALL (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- S = PG&E TO INSTALL 4/0A TPX(600V) UG SECONDARY CABLE IN (1)-3" PVC (MINIMUM SCHEDULE 40) SECONDARY CONDUIT BY APPLICANT
- A = PG&E TO INSTALL NEW JOINT ANCHOR AND DOWN GUYS
- 7 = EXISTING 4'6"x8'6"x6' PRIMARY SPLICE BOX
- X = PG&E TO INSTALL NEW POLES
- X = PG&E TO INSTALL 900 AMP RISER SWITCHES AS SHOWN

RULE 20B: OH TO UG CONVERSION FOR THE CITY OF MORGAN HILL



INTERCEPT EX. 6" DUCT
CONNECT TO NEW 6" DUCT

(1) CONDUIT IN EACH 12" STEEL CASING
CROSSING UNDERNEATH CULVERT

LOC.52 TO LOC. 55
PULLING TENSION
2200 LBS. ACTUAL=
ACTUAL ALLOWABLE TENSION=8,000 LBS.

LOC. 67 TO LOC. 69
PULLING TENSION
1351 LBS. ACTUAL=
ACTUAL ALLOWABLE TENSION=8,000 LBS.

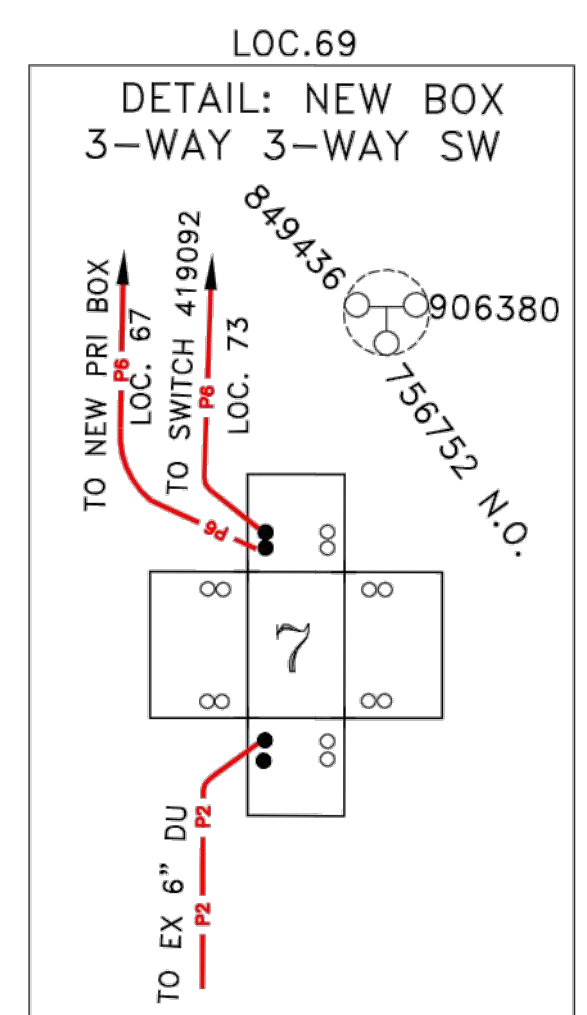
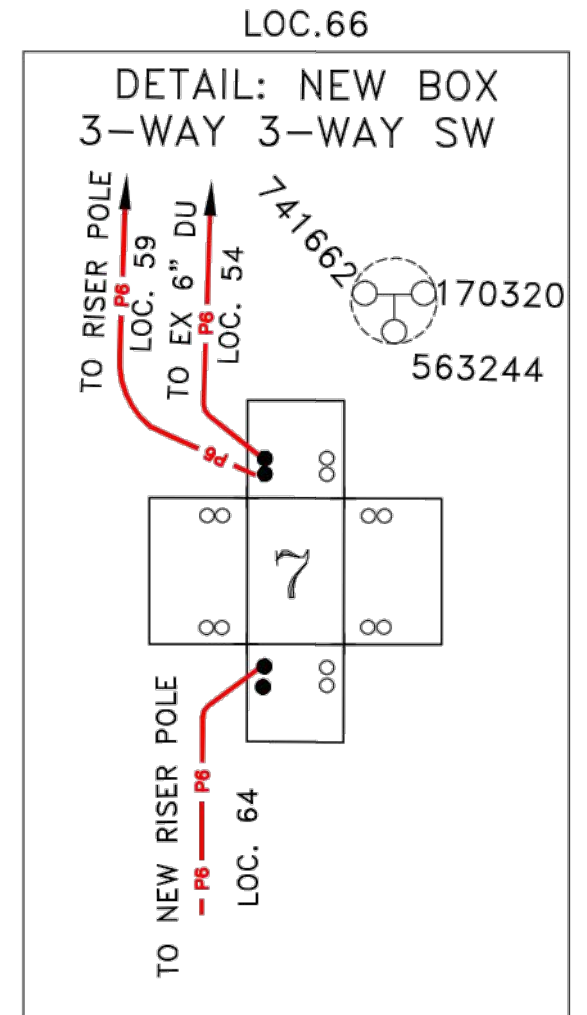
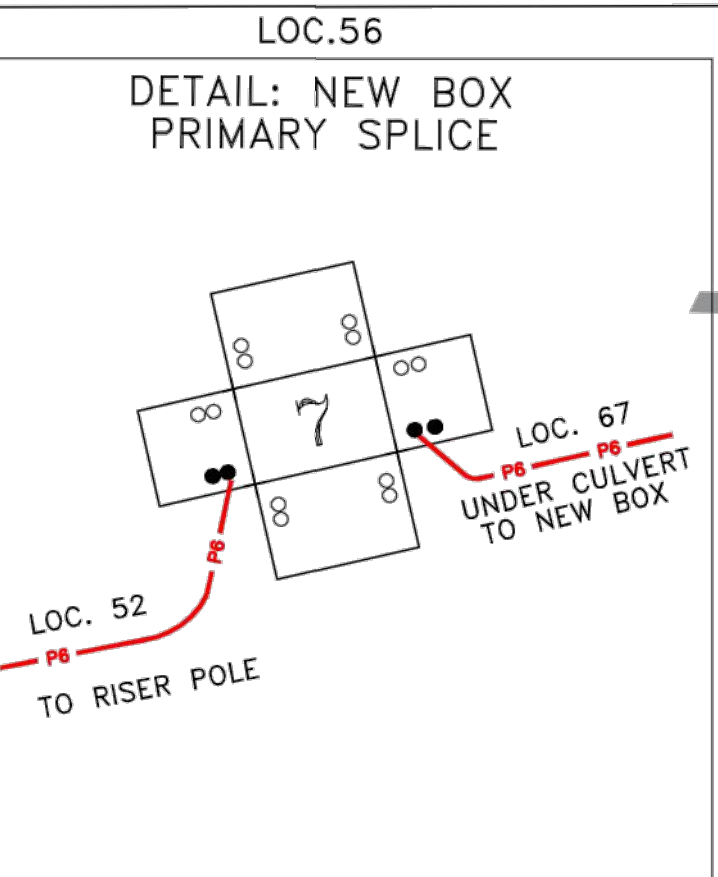
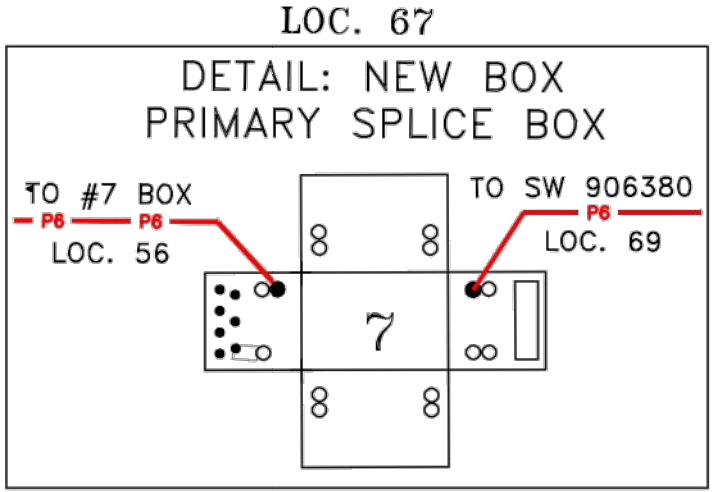
LOC. 69 TO LOC. 74
PULLING TENSION
1355 LBS. ACTUAL=
ACTUAL ALLOWABLE TENSION=8,000 LBS.

LOCATION 70

- APPLICANT TO EXPOSE EXISTING UG CABLE AS SHOWN.
- APPLICANT TO PROVIDE ALL CONDUIT FOR RE-ROUTE OF EXISTING UG CABLE
- PG&E TO RE-ROUTE EXISTING UG CABLE INTO THE NEW BOX
- APPLICANT TO BACKFILL TRENCH AFTER PG&E RE-ROUTES THE UG CABLE INTO THE BOX.

LOC.S 74 & 76
APPLICANT TO EXPOSE UNDERGROUND
PRIMARY CABLE.

LOCATIONS 74 & 76
APPLICANT TO EXPOSE EXISTING UG CABLE AS SHOWN.
APPLICANT TO PROVIDE ALL CONDUIT FOR RE-ROUTE OF EXISTING UG CABLE
PG&E TO RE-ROUTE EXISTING UG CABLE INTO THE NEW BOX
APPLICANT TO BACKFILL TRENCH AFTER PG&E RE-ROUTES THE UG CABLE INTO THE BOX.



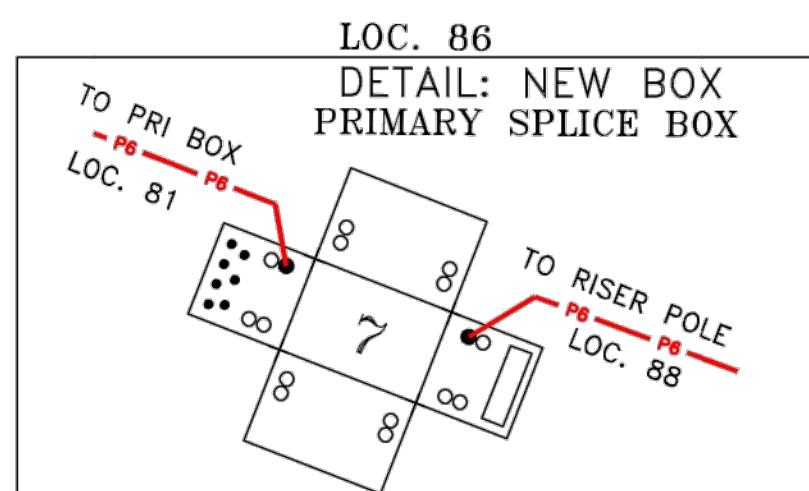
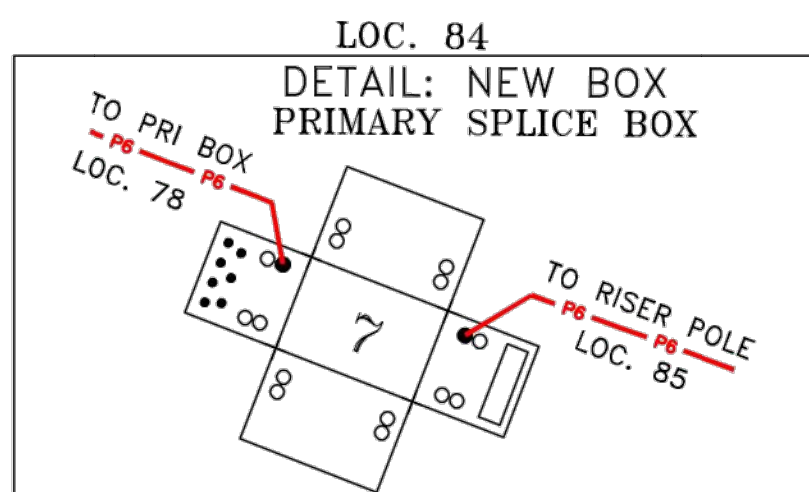
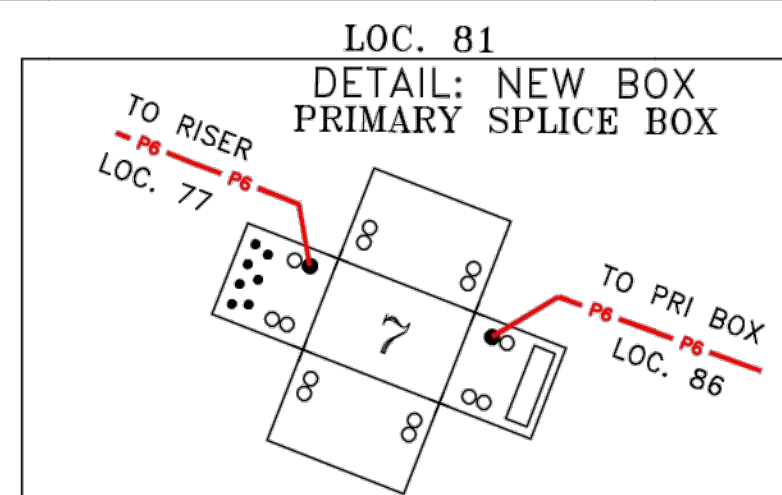
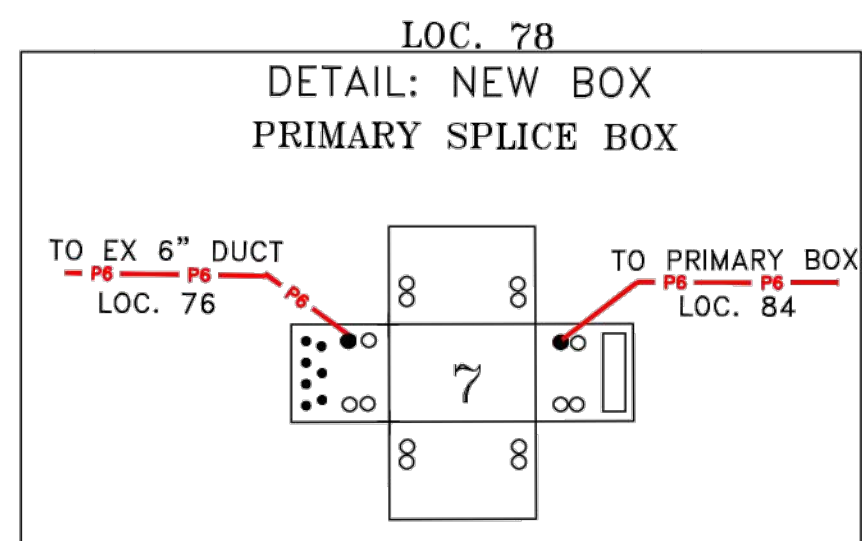
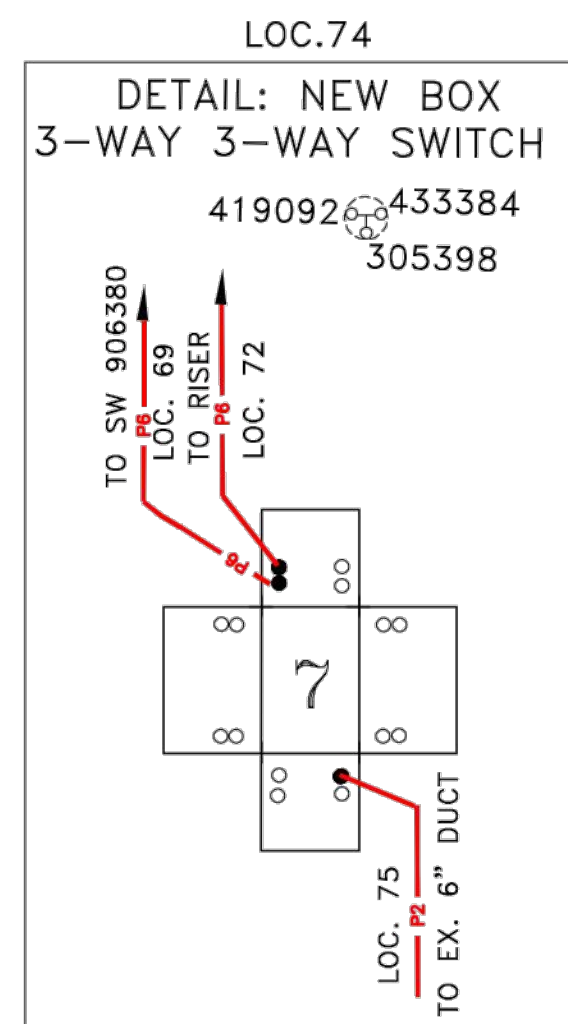
REVISIONS		DESCRIPTION		CONSTRUCTION SKETCH INSTALL	
NO.	DATE	NO.	DATE	HALE AVE & WEST MAIN AVE	MORGAN HILL
1		1		SANTA CLARA COUNTY	PACIFIC GAS & ELECTRIC COMPANY
PRIMARY VOLTAGE: 21 KV		VOLTAGE AREA: 1		HALE AVE & WEST MAIN AVE	
LATITUDE: 37.127638		LONGITUDE: -121.659088		MORGAN HILL	
SOURCE SIDE DEVICE: 5041		SUB & CIRCUIT: MORGAN HILL 2104		SANTA CLARA COUNTY	
DSGN SAG: SSU		RAPTOR ZONE: YES		PACIFIC GAS & ELECTRIC COMPANY	
LOADING AREA: LIGHT		ARRESTER DIST: 3		HALE AVE & WEST MAIN AVE	
CORROSION AREA: NON		INSULATION DIST: B		MORGAN HILL	
EQUIP EQUIPMENT:		FIRE AREA:		SANTA CLARA COUNTY	
EST: ROBIN WIBETO		408-725-2070		HALE AVE & WEST MAIN AVE	
ADE: GREG ELDER		408-725-2051		MORGAN HILL	
SUPV: DAVID T. MIRANDA		925-328-5572		SANTA CLARA COUNTY	
REP: CA HUYNH		408-299-1040		PACIFIC GAS & ELECTRIC COMPANY	
PLNR: MIKE TEKLE		408-365-2182		HALE AVE & WEST MAIN AVE	
NOTIF: 114993900		JPAF: P2020030VP		MORGAN HILL	
DATE: 4/30/20		SCALE: 1"=30'		SANTA CLARA COUNTY	
NO ENVIRONMENTAL ISSUES		GAS CONFLICT:		PACIFIC GAS & ELECTRIC COMPANY	
ENGINEERING AND PLANNING DEPT.		10900 N. BLANEY AVE		HALE AVE & WEST MAIN AVE	
CUPERTINO, CA. 95014		CUPERTINO, CA. 95014		MORGAN HILL	
SHEET: 3 OF 4		REV: 0		SANTA CLARA COUNTY	



RULE 20B: OH TO UG CONVERSION FOR THE CITY OF MORGAN HILL

LEGEND

- [7] = APPLICANT TO INSTALL 4'6"X8'6"X 6' (IVT) PRIMARY ENCLOSURE
- P2 - P2 - P2 = PG&E TO RE-ROUTE EXISTING UG PRIMARY CABLE IN (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- P6 - P6 - P6 = PG&E TO INSTALL 3-1100A EPR UG PRIMARY CABLE IN (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- D6 - D6 - D6 = INSTALL (1)-6" PVC (MINIMUM SCHEDULE 40) PRIMARY CONDUIT BY APPLICANT
- S1 - S1 - S1 = PG&E TO INSTALL 1/0 TPX ACSR OH SECONDARY - SLACKSPAN
- △ = PG&E TO INSTALL NEW JOINT ANCHOR AND DOWN GUYS
- [7] = EXISTING 4'6"X8'6"X6' PRIMARY SPLICE BOX
- X = PG&E TO INSTALL NEW POLES
- ⚡ = PG&E TO INSTALL 900 AMP RISER SWITCHES AS SHOWN



MATCHLINE SEE SHT 3

PULLING LOC. 68 TO LOC. 73
1355 LBS. TENSION=8,000 LBS.
ACTUAL ALLOWABLE TENSION=8,000 LBS.

LOC.72
PROPOSED RISER
QUADRANT

SEE LOC. 36
OH REMOVAL SKETCH

LOC. 78 TO LOC. 84
PULLING TENSION
1355 LBS. ACTUAL=
ACTUAL ALLOWABLE TENSION=8,000 LBS.

LOC.85
PROPOSED RISER
QUADRANT

LOC.88
PROPOSED RISER
QUADRANT

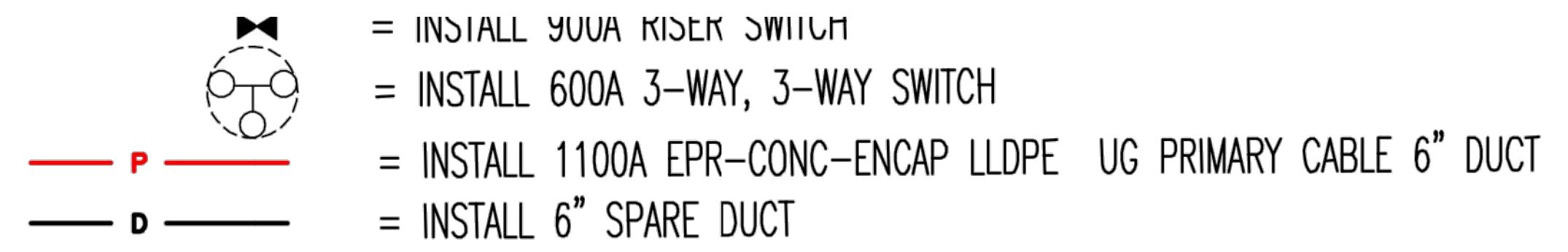
LOC.S 75 & 76
APPLICANT TO
EXPOSE UNDERGROUND
PRIMARY CABLE.

- LOCATIONS 75 & 76
- APPLICANT TO EXPOSE EXISTING UG CABLE AS SHOWN.
 - APPLICANT TO PROVIDE ALL CONDUIT FOR RE-ROUTE OF EXISTING UG CABLE
 - PG&E TO RE-ROUTE EXISTING UG CABLE INTO THE NEW BOX
 - APPLICANT TO BACKFILL TRENCH AFTER PG&E RE-ROUTES THE UG CABLE INTO THE BOX.

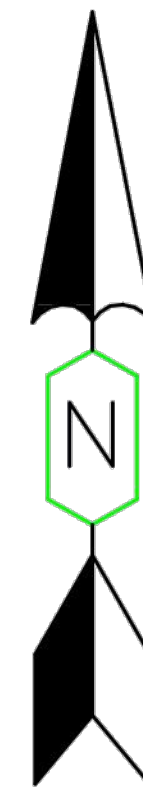
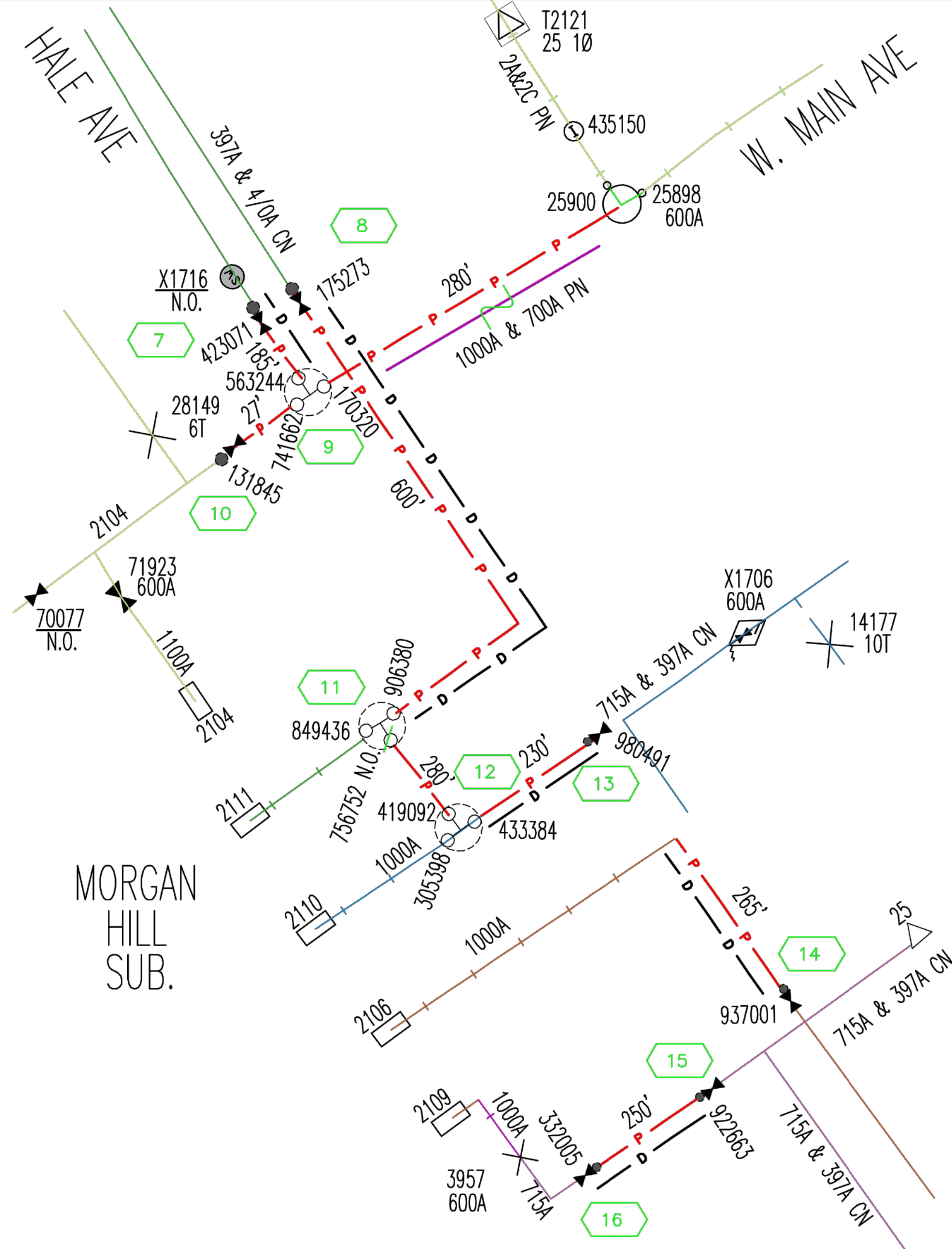
LOC.77
PROPOSED RISER
QUADRANT

LOC. 81 TO LOC. 88
PULLING TENSION
857 LBS. ACTUAL=
ACTUAL ALLOWABLE TENSION=8,000 LBS.

EST:ROBIN WIBETO		408-725-2070
ADE:GREG ELDER		408-725-2051
SUPV:DAVID T. MIRANDA		925-328-5572
REP:CA HUYNH		408-299-1040
PLNR:MIKE TEKLE		408-365-2162
NOTE: 114993900		JPM:PG20038VP
SCALE: 1"=30'		DATE: 4/30/20
PM: 31438229		SHEET: 4 OF 4
ENGINEERING AND PLANNING DEPT.		NO ENVIRONMENTAL ISSUES
10900 N. BLANEY AVE.		NEAR LOC NONE
CUPERTINO, CA. 95014		GAS CONFLICT:
CONSTRUCTION SKETCH INSTALL		W. MAIN AVE & W. HALE AVE
		MORGAN HILL
		SANTA CLARA COUNTY
		PACIFIC GAS & ELECTRIC COMPANY
		1 INCH = 60 FEET
		SHEET 7 OF 12



AFTER

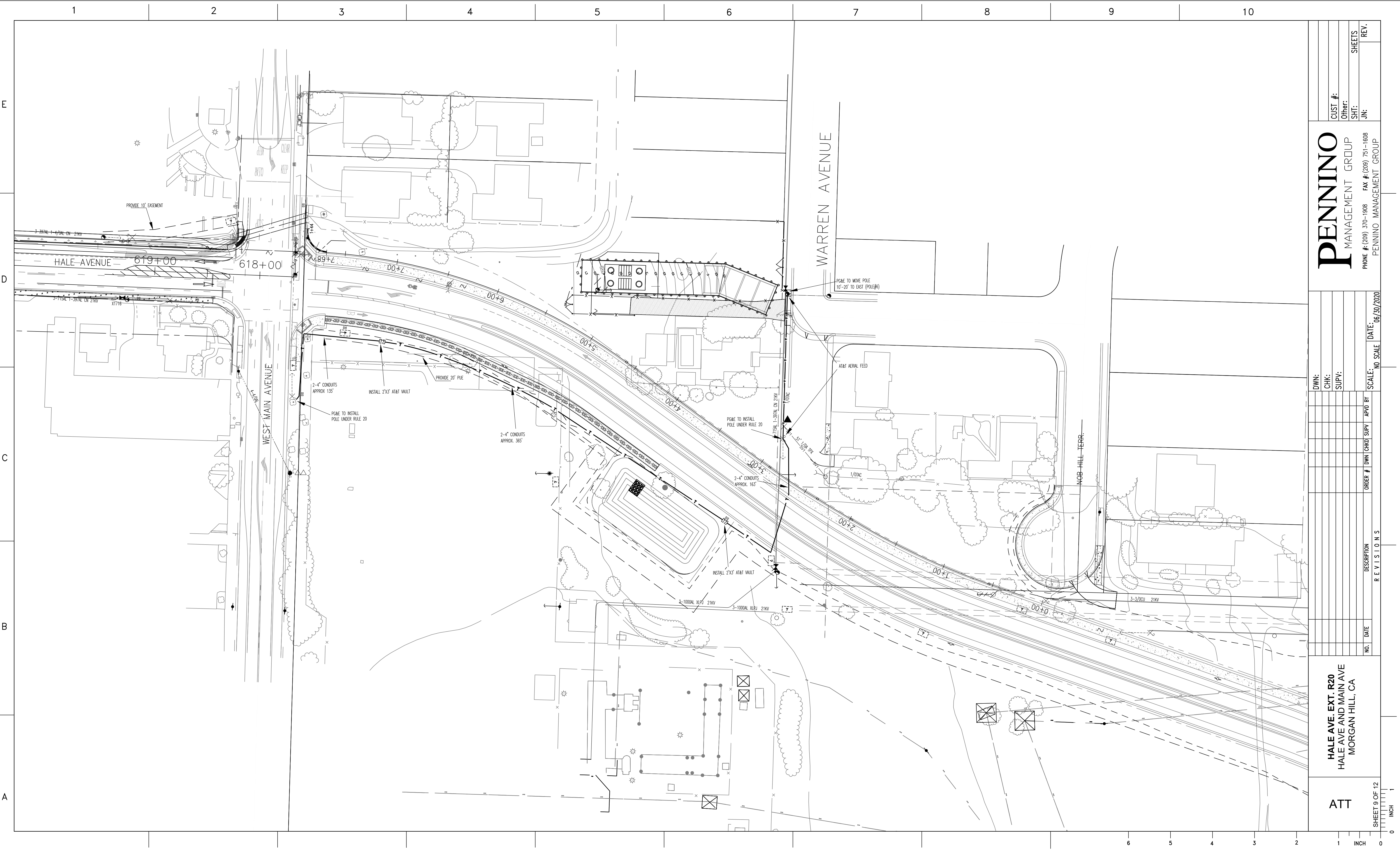


W. MAIN AVE. & HALE AVE
MORGAN HILL

PRIMARY VOLTAGE: 21 kV			VOLTAGE AREA: 1		
LATITUDE: 37.127638			LONGITUDE: -121.659088		
SOURCE SIDE DEVICE:5041					
SUB & CIRCUIT:MORGAN HILL 2104,06,09,10&11					
DSGN SAG:SSU			RAPTOR ZONE:YES		
LOADING AREA:LIGHT			ARRESTER DIST: 3		
CORROSION AREA:NON			INSULATION DIST:B		
EXEMPT EQUIP.INST.:			FIRE AREA:		
KEY SKETCH					
W. MAIN AVE. & HALE AVE					
MORGAN HILL					
811 Know what's below. Call before you dig.			NO ENVIRONMENTAL ISSUES		
GAS CONFLICT:			NEAR LOC:NA		
EST: ROBIN WIBETO			408-725-20		
ADE: GREG ELDER			408-725-20		
SUPV: DAVID T. MIRANDA			925-328-55		
REP: CA HUYNH			408-299-10		
PLNR: MIKE TEKLE			408-299-21		
NOTIF: 114993900			JPA#: PG200038VP		
SCALE: N/A			DATE:04/27/2020		
PM: 31438229			SHEET:1 OF 1 REV.		

DRY UTILITIES

APPROVED TELEPHONE DRAWING



HALE AVE. EXT. R20
HALE AVE AND MAIN AVE
MORGAN HILL, CA

ATT

NO. DATE

DESCRIPTION

ORDER #

DWN

CHKD

SUPV

APVD BY

SCALE: NO SCALE

DATE: 06/30/2020

DWN:

CHK:

SUPV:

CUST #:

Other:

SHT:

JN:

PENNINO

MANAGEMENT GROUP

PHONE #: (209) 370-1908 FAX #: (209) 751-1608

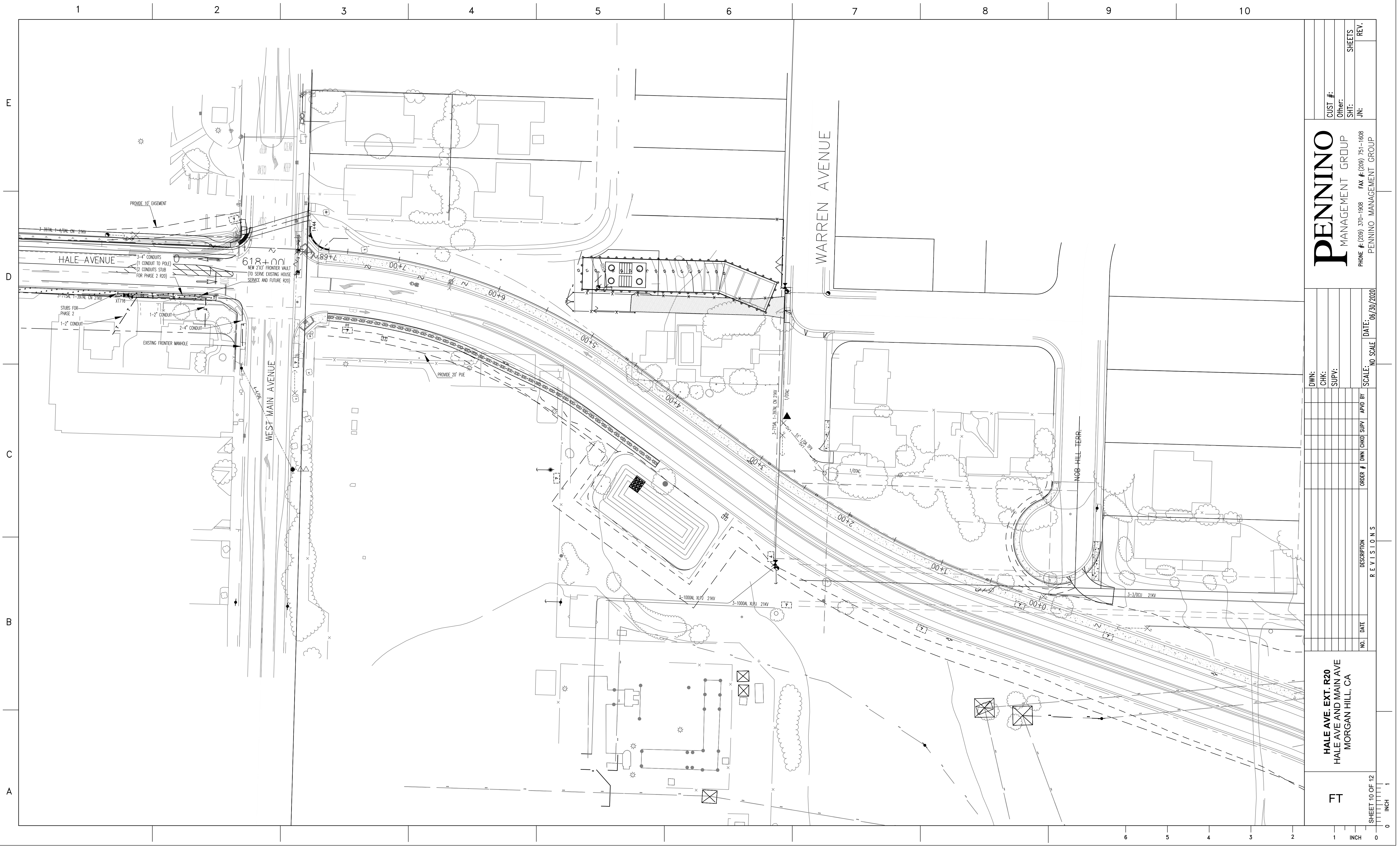
PENNINO MANAGEMENT GROUP

SHEETS

REV.

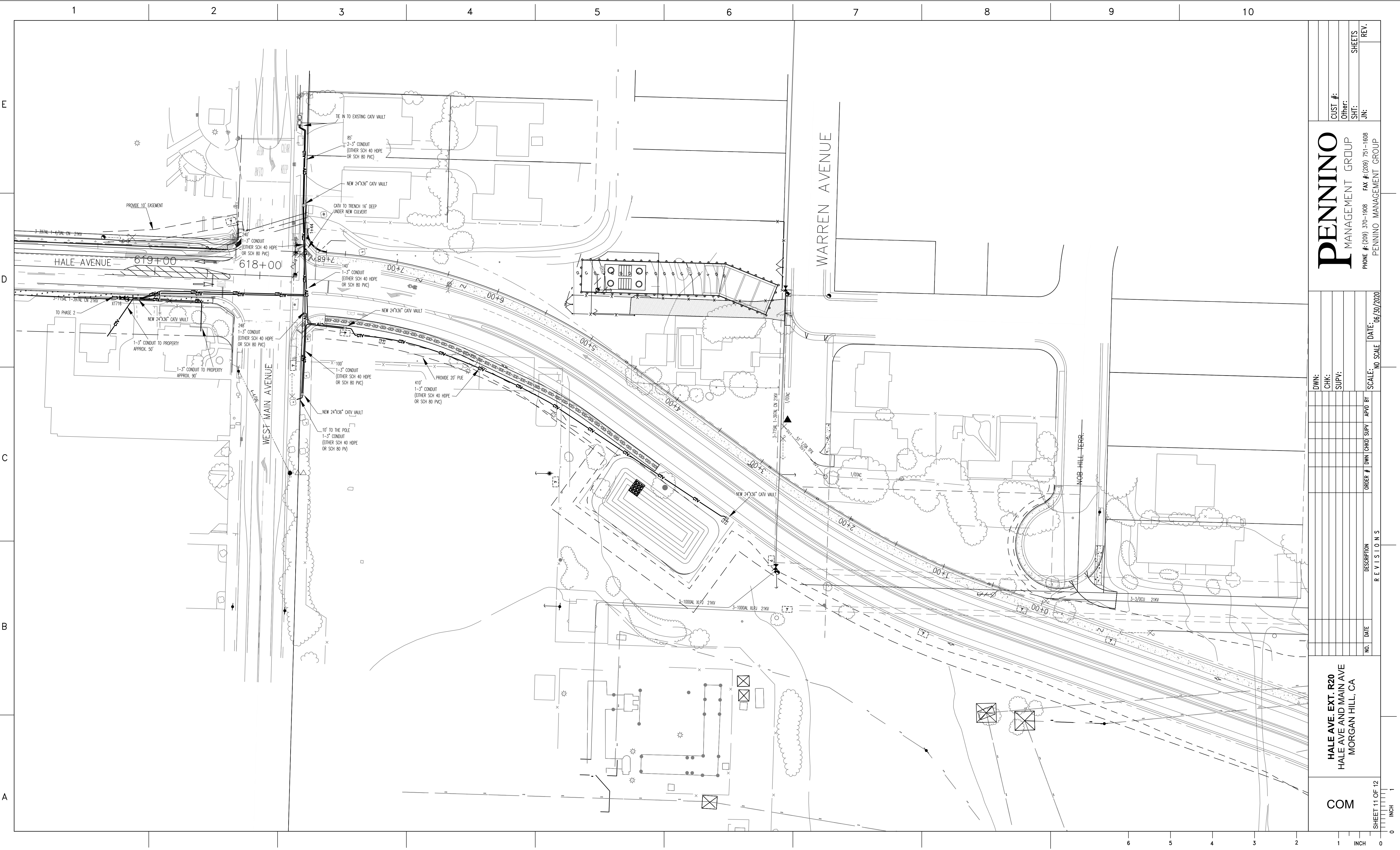
SHEET 9 OF 12
0 1 INCH

APPROVED TELEPHONE DRAWING (2)



DRY UTILITIES

APPROVED CATV DRAWING



PENNINO MANAGEMENT GROUP PHONE # (209) 370-1908 FAX # (209) 751-1608 PENNINO MANAGEMENT GROUP		CUST #:		SHEETS	REV.
		Other:			
DWN:		CHK:		SUPV:	
NO.		DATE		SCALE: NO SCALE	
DESCRIPTION		ORDER #		APVD BY	
HALE AVE. EXT. R20 HALE AVE AND MAIN AVE MORGAN HILL, CA		DATE		APVD BY	
COM		DATE		APVD BY	

A

INDEXED

11[illegible]11[illegible]