

T,R,S: 20-59-27
 APN: 137-27-717-001

NO.	DATE	DESCRIPTION



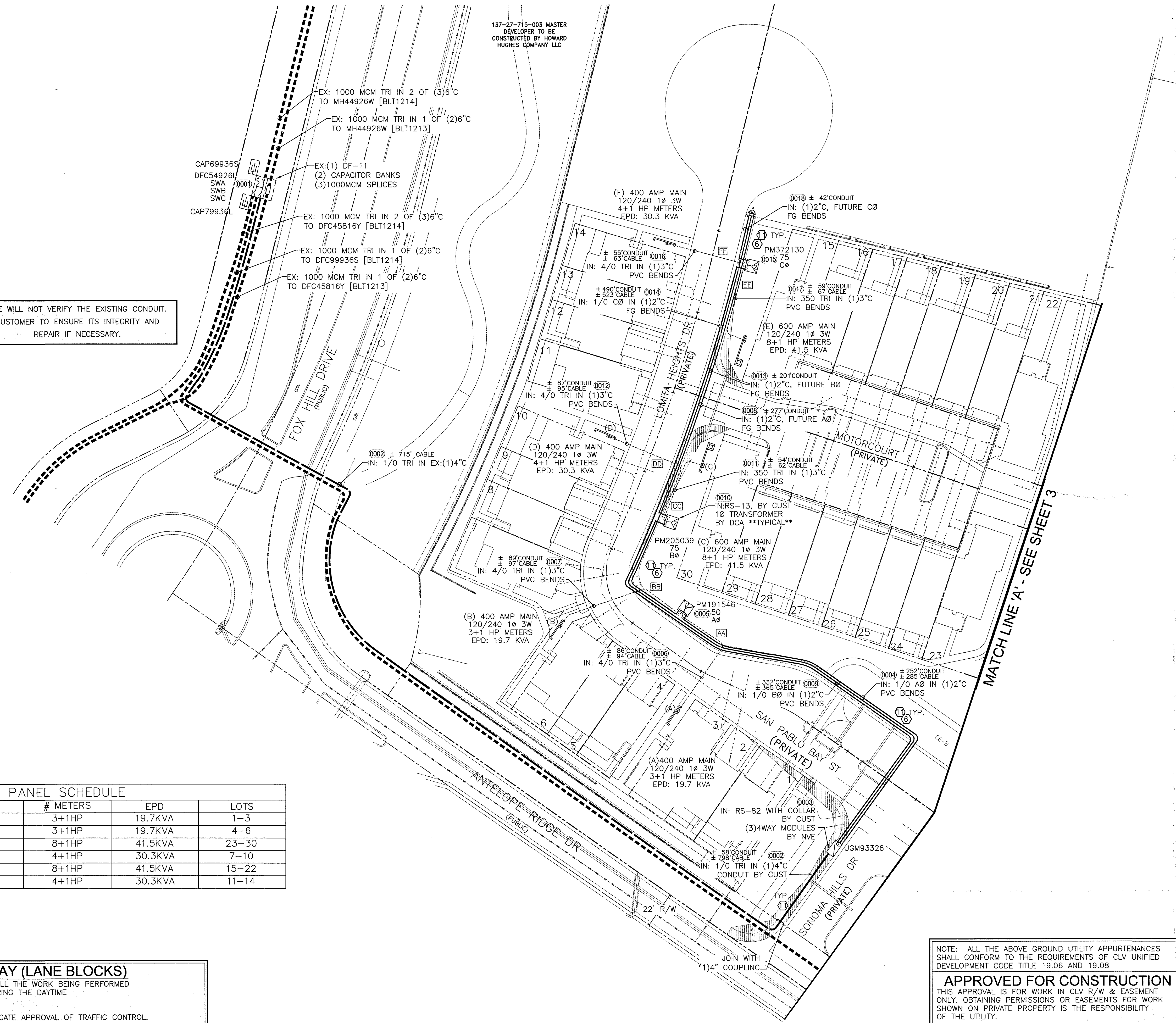
COORDINATOR: SANTIAGO, CHERI
 PHONE: (702)622-4365
 DCA: 285-8182, 219-5761, NORTH
 INSPECTOR: 402-3008
 STAND BY: 402-4114, 402-4117, 402-4118
 DESIGNER: MONTOYA, LUIS

NVE INFO:

SANTA ROSA UNIT 1
 FAR HILLS / FOX HILL

PROJ. ID:
 3001658446
 SCALE:
 1" = 30'
 DATE:
 12/30/2016
 SHEET #:
 2 OF 4

NVE WILL NOT VERIFY THE EXISTING CONDUIT.
 CUSTOMER TO ENSURE ITS INTEGRITY AND
 REPAIR IF NECESSARY.



PANEL ID	SIZE	# METERS	EPD	LOTS
'A'	400A	3+1HP	19.7KVA	1-3
'B'	400A	3+1HP	19.7KVA	4-6
'C'	600A	8+1HP	41.5KVA	23-30
'D'	400A	4+1HP	30.3KVA	7-10
'E'	600A	8+1HP	41.5KVA	15-22
'F'	400A	4+1HP	30.3KVA	11-14

NV ENERGY SCHEDULING NOTE: DAY (LANE BLOCKS)
 THIS PROJECT WAS ESTIMATED WITH THE ASSUMPTION THAT ALL THE WORK BEING PERFORMED ON THIS PROJECT BY NV ENERGY CREWS CAN BE DONE DURING THE DAYTIME AND WILL REQUIRE TRAFFIC CONTROL.
 GOVERNMENT APPROVAL OF THESE DRAWINGS DOES NOT INDICATE APPROVAL OF TRAFFIC CONTROL. PLEASE REFER TO THE BARRICADE PLAN FOR APPROVED TRAFFIC CONTROL REQUIREMENTS.

NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED DEVELOPMENT CODE TITLE 19.06 AND 19.08

APPROVED FOR CONSTRUCTION
 THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

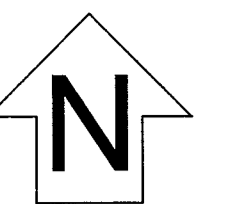
APPROVAL _____ DATE _____

CITY OF LAS VEGAS
 PERMIT REQUIRED*

CONTACT CLV LAND DEVELOPMENT (229-6371)
 CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6337)

HANSEN _____
 DATE _____

*NVE INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
 FAX PERMIT TO:
 LAS VEGAS NORTH (RYAN CENTER): 402-4354
 LAS VEGAS SOUTH (BELTWAY CENTER): 402-8864



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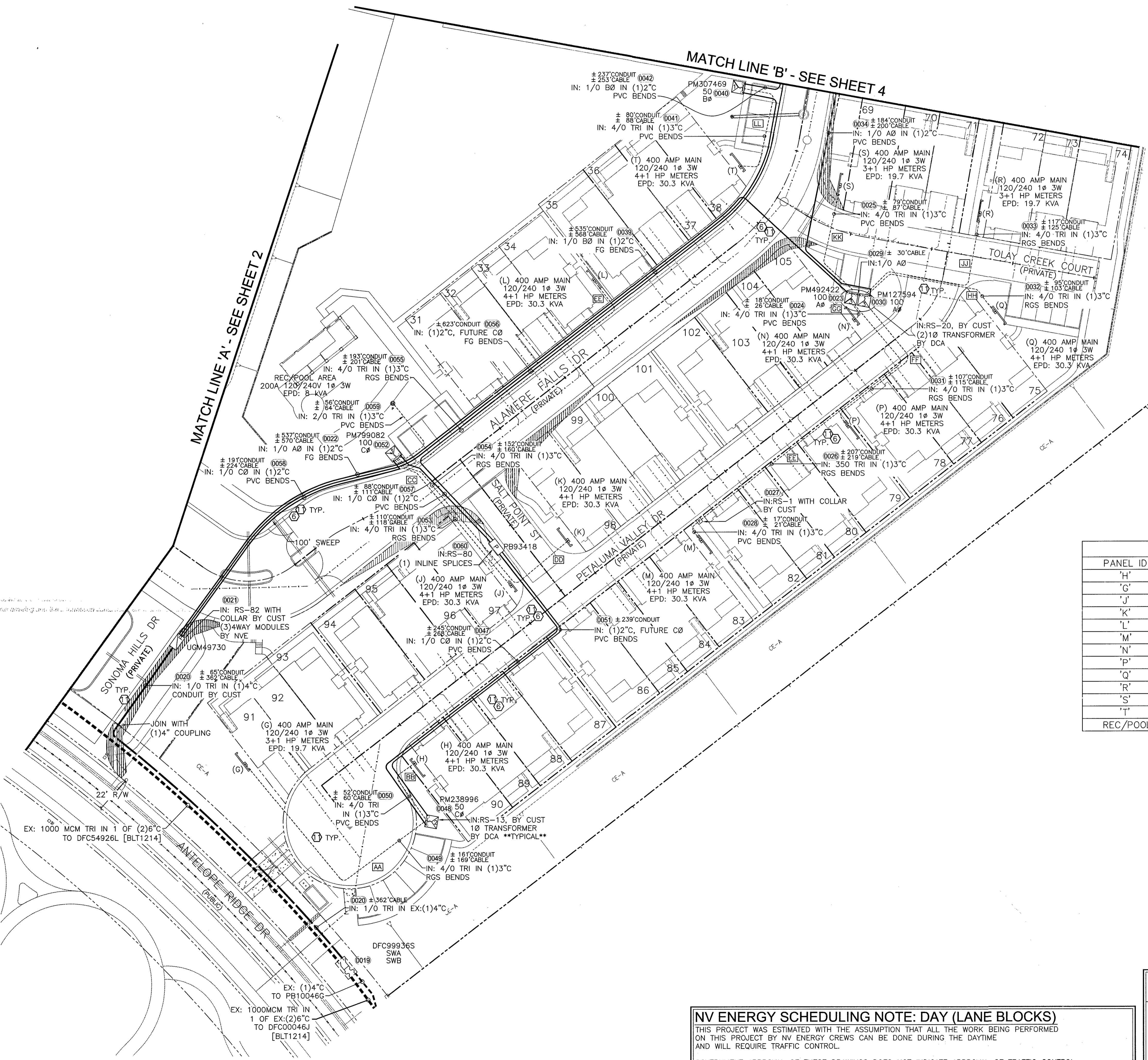
STANDARD DCA
NV Energy™

COORDINATOR: SANTIAGO, CHERI
 PHONE: (702)622-4385
 DCA: 285-8182, 219-5761 NORTH
 INSPECTOR: 402-3008
 STAND BY: 402-4114, 402-4117, 402-4118
 DESIGNER: MONTOYA, LUIS

NVE INFO:

SANTA ROSA UNIT 1
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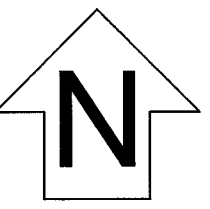


PANEL SCHEDULE				
PANEL ID	SIZE	# METERS	EPD	LOTS
'H'	400A	4+1HP	30.3KVA	87-90
'G'	400A	3+1HP	19.7KVA	91-93
'J'	400A	4+1HP	30.3KVA	94-97
'K'	400A	4+1HP	30.3KVA	98-101
'L'	400A	4+1HP	30.3KVA	31-34
'M'	400A	4+1HP	30.3KVA	83-86
'N'	400A	4+1HP	30.3KVA	102-105
'P'	400A	4+1HP	30.3KVA	79-82
'Q'	400A	4+1HP	30.3KVA	75-78
'R'	400A	3+1HP	19.7KVA	72-74
'S'	400A	3+1HP	19.7KVA	69-71
'T'	400A	4+1HP	30.3KVA	35-38
REC/POOL	200A	1	8KVA	REC/POOL

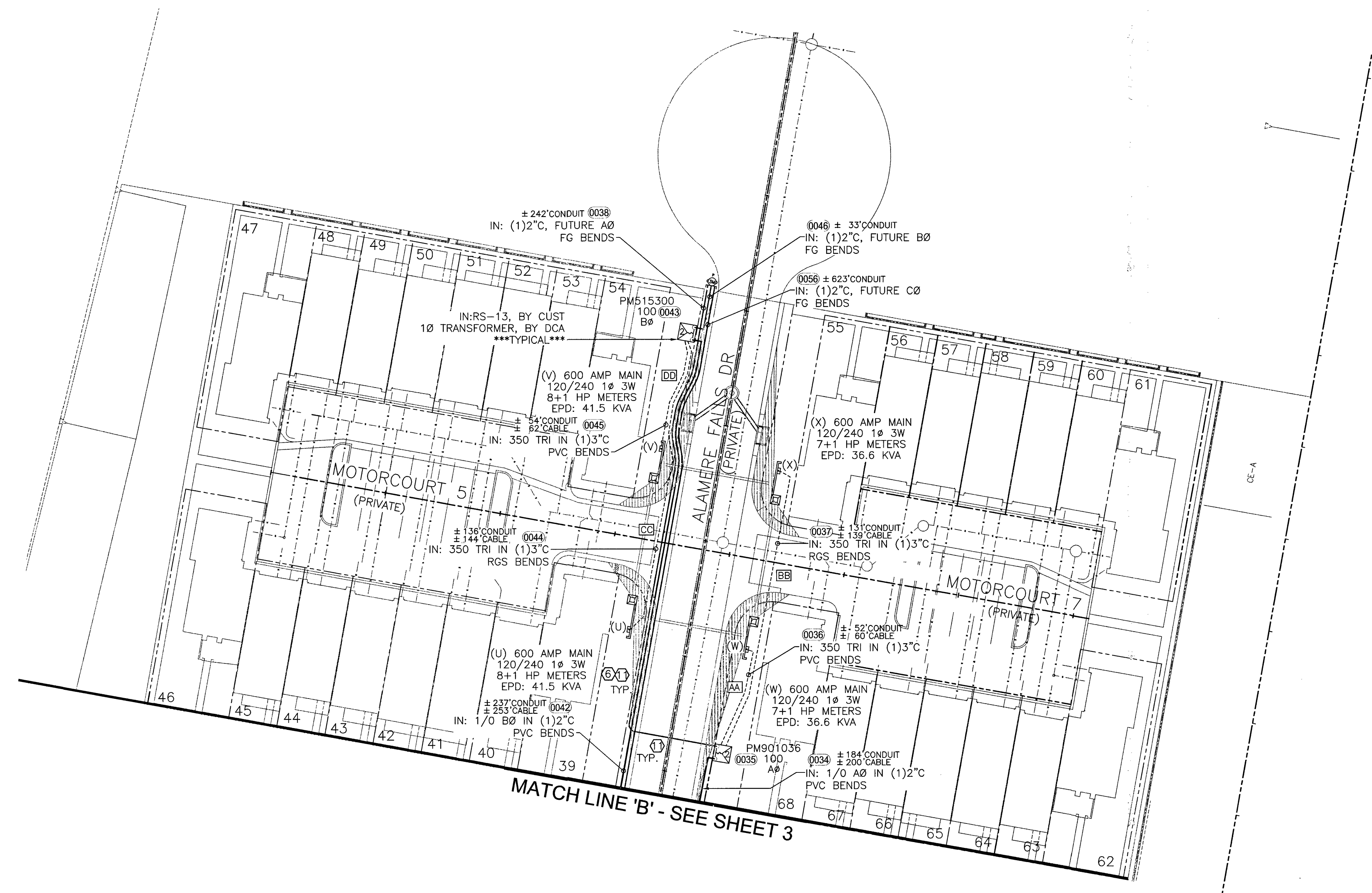
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 GOVERNMENT APPROVAL OF THESE DRAWINGS DOES NOT INDICATE APPROVAL OF TRAFFIC CONTROL. PLEASE REFER TO THE BARRICADE PLAN FOR APPROVED TRAFFIC CONTROL REQUIREMENTS.

NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED DEVELOPMENT CODE TITLE 19.06 AND 19.08
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 LAS VEGAS SOUTH (BELTWAY CENTER): 402-6864



T,R,S: 20-59-27
 APN: 137-27-717-001



PANEL SCHEDULE

PANEL ID	SIZE	# METERS	EPD	LOTS
'U'	600A	8+1HP	41.5KVA	39-46
'V'	600A	8+1HP	41.5KVA	47-54
'W'	600A	7+1HP	36.6KVA	55-61
'X'	600A	7+1HP	36.6KVA	62-68

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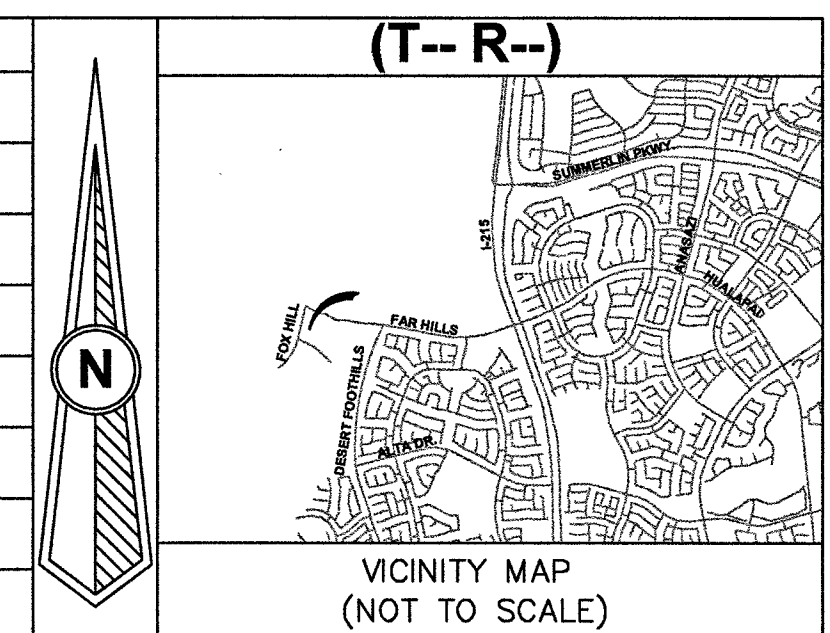
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STANDARD DCA		
NVEnergy™		
COORDINATOR: SANTIAGO, CHERI PHONE: (702)622-4365 DCA: 285-8182, 219-5761, NORTH INSPECTOR: 402-3008 STAND BY: 402-4114, 402-4117, 402-4118 DESIGNER: MONTROYA, LUIS		
NVE INFO:		
SANTA ROSA UNIT 1 FAR HILLS / FOX HILL		
PROJ. ID: 3001658446 SCALE: 1" = 30' DATE: 12/30/2016 SHEET #: 4 OF 4		



LEGEND

1	INSTALL B-36 PULL BOX (24"x36"x24")
2	EXISTING B-36 PULL BOX (24"x36"x24")
3	INSTALL B-50 PULL BOX (13"x24"x24")
4	EXISTING B-50 PULL BOX (13"x24"x24")
5	INSTALL B-100 PULL BOX (24"x36"x24")
6	EXISTING B-100 PULL BOX (24"x36"x24")
7	INSTALL T-200 CATV VAULT (30"x48"x36")
8	EXISTING T-200 CATV VAULT (30"x48"x36")
9	INSTALL T-400 CATV VAULT (36"x60"x36")
10	EXISTING T-400 CATV VAULT (36"x60"x36")
11	INSTALL T-600 CATV VAULT (48"x72"x36")
12	EXISTING T-600 CATV VAULT (48"x72"x36")
13	INSTALL NEW CATV PEDESTAL
14	EXISTING NEW CATV PEDESTAL
15	R&R S/W SLAB(S)
16	POTHOLE
17	— — — — — SIDEWALK/DIRT TRENCH INSTALL
18	— — — — — ASPHALT/STREET TRENCH INSTALL
19	— — — — — PROPOSED BORE
20	— — — — — EXISTING CATV CONDUIT(S)
21	— OHC — PROPOSED OVERHEAD FIBER OPTIC CABLE OR COAX INSTALL
22	— XHC — EXISTING OVERHEAD FIBER OPTIC CABLE OR COAX
23	— — — — — U.G. FIBER/COAX PULL
24	— — — — — RIGHT OF WAY LINE
25	— — — — — LOT/PROPERTY LINE
26	— — — — — EDGE OF PAVEMENT
27	P EXISTING NVE PULL BOX
28	T EXISTING TELCO PULL BOX
29	TM EXISTING TELCO MANHOLE
30	T EXISTING TELCO POLE
31	● EXISTING NVE POLE
32	NVE EXISTING NVE TRANSMISSION POLE
33	⊗ EXISTING JOINT POLE
34	⊗ EXISTING JOINT POLE WITH TRANSFORMER
35	▲ POLE ANCHOR
36	⊕ EXISTING NVE TRANSFORMER TRANSFORMER PAD
37	TS SNWA TEST STATION
38	⊕ COX POWER SUPPLY (49"x24"x52")
39	RC INSTALL RHINO CABINET
40	⊕ RISER POLE/QUADRANT DETAIL RISER OWNERSHIP NOTED
41	RAILROAD
42	M EXISTING MANHOLE (SS)(SD)...ECT
43	— — — — — 1in CONDUIT LATERAL
44	
45	



REVISIONS

REV	DESCRIPTION	DATE	BY
△			

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA" LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

APPROVED FOR CONSTRUCTION
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APPROVAL: *[Signature]* DATE: 4 24 17

PERMIT #	40505170000638400
DRAWN BY	WTB
DATE	3-17-17
SCALE	1:40
NOTE	N/A
DESIGNER	TRUENET
TECH #	
APPROVED BY	

COX
 1700 VEGAS DRIVE
 LAS VEGAS, NEVADA 89106
 PHONE: (702) 545-1606
 FAX: (702) 545-2606

CITY OF LAS VEGAS
 333 N. RANCHO DRIVE
 LAS VEGAS, NEVADA 89106
 (702) 229-6885

PROJECT LOCATION:
 SUMMERLIN VILLAGE 23B PAR AA (SANTA ROSA)
 FOX HILL DR & FAR HILLS AVE

SUB-CONTRACTOR:
 TBD

ENTITY NOTES:
 TBD

SHEET No:
1

SHEET 1 OF 1

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

CALL 811 BEFORE YOU DIG

OR 1-800-227-2600

UNDERGROUND SERVICE (USA)

AVOID OVERHEAD POWER LINE CONTACT

CALL BEFORE YOU OVERHEAD

1-702-227-2929

NEVADA POWER ENVIRONMENT AND SAFETY SERVICE DEPARTMENT

FOR MORE INFORMATION, VISIT US AT www.811.com OR www.callbeforeyoudig.com

TOTAL BORE	—
TOTAL DIRT TRENCH	—
TOTAL ASPHALT TRENCH	—
TOTAL TRENCH	—
SIDEWALK REMOVAL/REPAIR	—
TOTAL S/W PANELS	—
TOTAL LINEAR FOOTAGE	—

GENERAL NOTES FOR T&S

- ALL CONSTRUCTION SHALL CONFORM TO THE NEVADA DIVISION OF CENTURYLINK SPECIFICATIONS. SEE LATEST ISSUE FOR THE INSTALLATION OF UNDERGROUND RESIDENTIAL DISTRIBUTION TELEPHONE SYSTEM.
- WHEN EXISTING TELEPHONE FACILITIES (POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, ETC.) ARE AFFECTED BY IMPROVEMENTS AS REQUIRED BY LOCAL ORDINANCE (I.E. STREETS, SIDEWALKS, GUTTERS, ETC.) THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
- TRENCHING, BACKFILLING AND RESTORATION WORK ARE TO BE PROVIDED BY THE DEVELOPER AND SHALL CONFORM TO THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA (RTC) UNIFORM STANDARD DRAWINGS.
- ALL SUBSTRUCTURE SHOWN AS CENTURYLINK'S RESPONSIBILITY WILL BE REIMBURSED BASED UPON THE STANDARD CONTRACTOR PRICE LIST. CONTRACTOR MUST CONTACT THE CENTURYLINK ENGINEER FOR CURRENT PRICING. PRIOR TO CONSTRUCTION, CONTRACTOR IS TO SUBMIT A PROPOSAL FOR THE IN-PLACE COST OF THE MATERIAL ITEMS. ONCE PRICE IS AGREED UPON, CENTURYLINK WILL PROVIDE THE CONTRACTOR A LETTER OF AUTHORIZATION (LOA) TO PROCEED. PAYMENT WILL BE BASED ON 'ACTUAL' MATERIAL PLACED. AN AS-BUILT WITH THE ADJUSTED INVOICE MUST BE SUBMITTED TO CENTURYLINK ENGINEERING DEPARTMENT BEFORE PAYMENT IS PROCESSED.
- ANY CONDUIT PLACED FOR THE DEVELOPER'S CONVENIENCE (I.E. STREET CROSSING, STUB-OUTS FOR FUTURE UNITS) WILL BE PLACED AT DEVELOPER'S EXPENSE.
- TELEPHONE BOXES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE AND SITUATED TO AVOID DRIVEWAYS. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 36" COVER FROM FINAL GRADES TO TOP OF PIPE (EXCEPT WHEN ENTERING TELEPHONE BOXES), MAINTAIN 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. BOXES WILL BE ESTABLISHED TO FINISH GRADE.
- TRENCH AND SUBSTRUCTURE TO A RESIDENCE MUST BE 18" FROM THE SIDE LOT LINE WITH A MINIMUM DEPTH TO MAINTAIN 30" COVER FROM FINISH GRADE AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES.
- CABLE RACKS WILL BE INSTALLED IN ALL 2'-0" X 3'-0" PULL BOXES AND LARGER PER CENTURYLINK SPECIFICATIONS.
- ALL PULL BOXES (2'-0" X 3'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDED WITH 3/8" X 1/16" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3" ENDS STUBBED INSIDE.
- ALL 2.5' X 4' AND 3' X 5' PULL BOXES FOR DIRECT BURIED CABLE MUST BE INTERCEPT TYPE BOXES. BASE PORTION MUST BE SET PRIOR TO CABLE PULL. UPPER PORTION WILL BE PLACED AFTER CABLE PULL AND PRIOR TO SPLICING.
- IN SOME CASES, A PULL BOX MAY HAVE TO BE RELOCATED FROM THE POSITION SHOWN ON THE DRAWING DUE TO INTERFERENCES WITH OTHER UTILITIES SUCH AS STREET LIGHTS, ETC. IF SUCH RELOCATION IS REQUIRED, THE ENGINEER SHALL BE NOTIFIED PRIOR TO RELOCATION.
- ALL TELEPHONE BOXES NOT IN SIDEWALK AREAS WILL BE REQUIRED TO HAVE A PROTECTIVE CONCRETE COLLAR, RE-ENFORCED WITH REBAR, POURED AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK SPECIFICATIONS.
- ALL PEDESTALS WILL BE PLACED NO CLOSER THAN 18" TO THE SIDE OF POWER TRANSFORMERS.
- WHEN JOINING EXISTING STUB-OUTS, THE LOCATION AND VALIDITY OF THE STUB-OUTS ARE ASSUMED AND BASED OFF RECORDS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING CONDUIT STUB-OUT. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, PROVE AND PLACE PULL STRING IN THE EXISTING CONDUIT AS PART OF CONNECTING TO THE STUB FOR EXTENSION TO THIS PROJECT. IF THE CONDUIT CANNOT BE PROVED OR IS IDENTIFIED AS BEING DAMAGED THEN THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR THE DUCTS WHERE DAMAGED OR INSTALL NEW CONDUIT BACK TO THE EXISTING TRUE POINT OF RE-ENFORCEABLE SERVICE (I.E. MANHOLE OR PULL BOX) AT THE DEVELOPER'S EXPENSE.
- THE CONTRACTOR SHALL PROVE AND MANDREL ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANDREL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 3/32" JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH.
- A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
- WHEN DESIGNATED IN THE CONTRACT DRAWING(S) WITH A GROUNDED SYMBOL, THE DEVELOPER/ CONTRACTOR SHALL PROVIDE AND INSTALL A #6 AWG STRANDED COPPER WIRE WITH GREEN PVC INSULATION FROM A PULL BOX OR MANHOLE TO THE NEAREST POWER TRANSFORMER WHEN LOCATED WITHIN 50' OR LESS FROM THE SUBSTRUCTURE (EXCEPT 30 BOXES AND SMALLER), LEAVE A 4 FOOT TAILING END INSIDE THE SUBSTRUCTURE AND INCLUDE ALL CLAMPS NECESSARY TO FASTEN THE GROUNDING WIRE TO THE TRANSFORMER GROUND ROD OR COUNTERPOISE. THE GROUND WIRE SHALL ENTER THE SUBSTRUCTURE THROUGH THE 1" PVC GROUND SLEEVE.
- THE DEVELOPER SHALL PROVIDE A #6 COPPER GROUND WIRE FROM EACH TERMINAL CABINET, BACKBOARD AND/OR NETWORK INTERFACE DEVICE (NID) FOR A SINGLE FAMILY UNIT TO A COMMON GROUND WITH NV ENERGY PER THE NATIONAL ELECTRIC SAFETY CODE SPECIFICATIONS. ALL TERMINAL CABINETS WILL HAVE A 2" METAL RISER.
- IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THIS TRENCH AND SUBSTRUCTURE DESIGN NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEERING APPROVAL.
- CALL 702-244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORK DAY. ALLOW 48 HOURS ADVANCE NOTICE FOR DIRECT CABLE INSTALLATIONS IN OPEN TRENCH SECTIONS. THE 48 HOURS BEGINS AFTER THE CENTURYLINK INSPECTOR APPROVES THE OPEN TRENCH.

CONTRACTOR/DEVELOPER NOTE

ALL WORK REQUIRED OF YOU (TRENCHING, BOXES, CONDUIT, GROUTING, GROUNDING TERMINALS, ETC.) **MUST** BE COMPLETED AND INSPECTED A MINIMUM OF 45 DAYS PRIOR TO MOVE-IN IF OUR CUSTOMERS ARE TO HAVE TELEPHONE SERVICE WITHOUT DELAY.

DESIGN VALIDITY

THESE PLANS WILL BE VALID FOR ONLY SIX MONTHS FROM THE DATE OF ISSUE

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CONSTRUCTION NOTE

SOLE TRENCH IS TO BE PAID FOR BY THE DEVELOPER PER NEVADA STATE STATUE 704A.490

FIBER TO THE PREMIS - MINIMUM INSIDE WIRING STANDARDS FOR CUSTOMER OWNED PREMISE WIRE (COPW)

SEPARATE CAT-3 OR CAT-5 FOR VOICE SEPARATE CAT-5 FOR DATA.

MAXIMUM LENGTH BETWEEN THE ELECTRONICS AND DEMARC IS 328 FEET.

ALL COPW OR INSIDE WIRE SHALL BE BROUGHT TO A CENTRAL LOCATION OR SMART PANEL EQUIPPED WITH A #6 GROUND WIRE TO A MGN AND DEDICATED AC OUTLET IN EACH LIVING UNIT. THEN ONE CAT-3 AND ONE CAT-5 FOR DATA, VOICE AND FUTURE TECHNOLOGY FROM THE SMART PANEL TO THE DEMARC LOCATION. THE DEMARC LOCATION WILL ALSO REQUIRE A #6 GROUND WIRE TO A MGN AND A DEDICATED 20 AMP AC OUTLET.

ANY QUESTIONS DO NOT HESITATE TO CALL THE ENGINEER OR INSPECTOR.

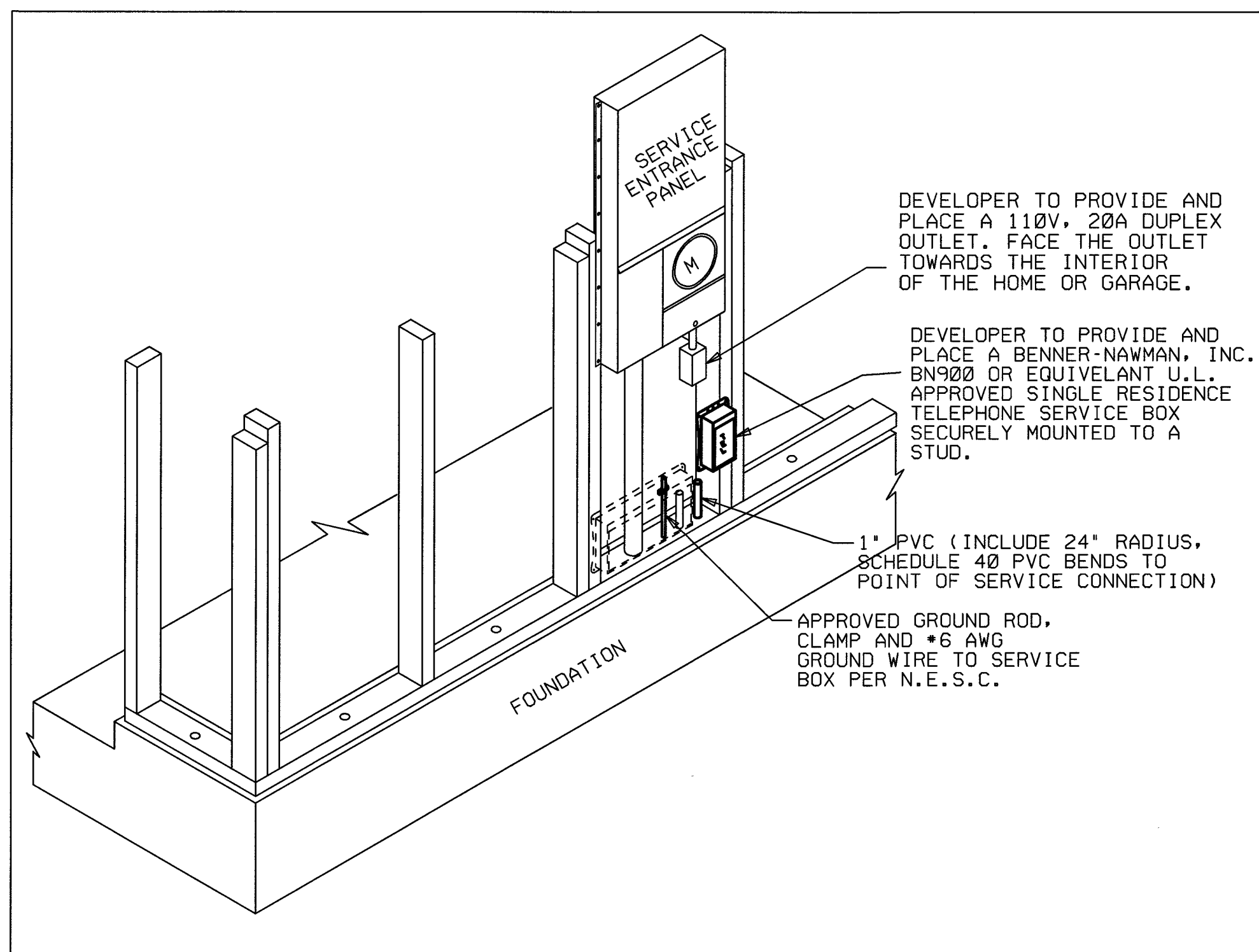
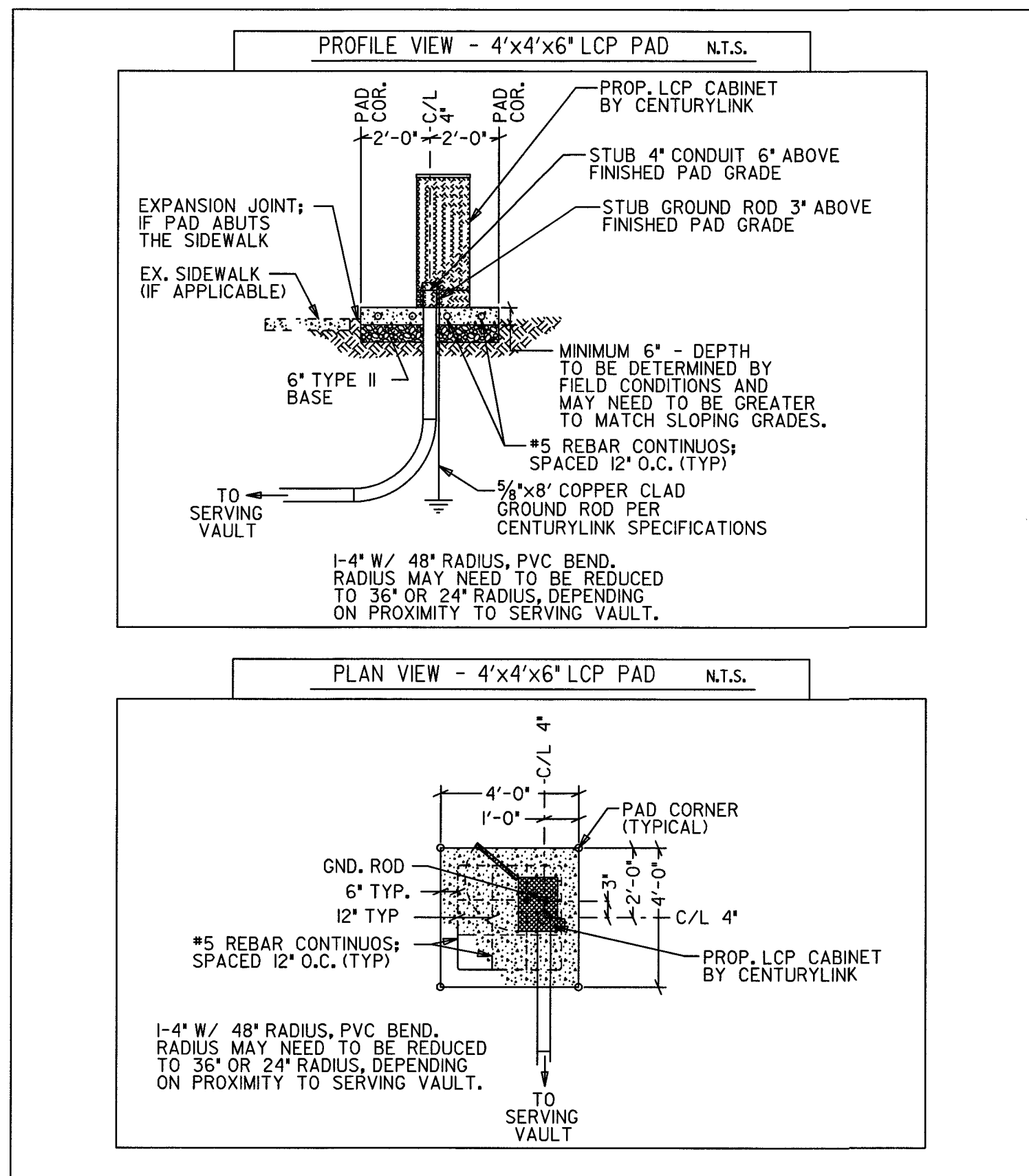
INSPECTION REQUIREMENT

CALL 244-7811 BETWEEN 7 A.M. AND 3 P.M. 24 HOURS IN ADVANCE FOR FINAL INSPECTION. CABLE WILL NOT BE PLACED UNTIL FINAL INSPECTION IS COMPLETED.

THIS PROJECT HAS BEEN DESIGNED AS JOINT TRENCH WITH NV ENERGY PER THE LATEST NV ENERGY PLAN.

CLV NOTE: PROTECT EXISTING STORM DRAINS AND THE ASSOCIATED FACILITIES IN PLACE.

CITY OF LAS VEGAS APPROVAL DATE
68586 107Y5048-1-UT



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ANY MODIFICATIONS TO THE CENTURYLINK DESIGN MUST BE APPROVED BY THE ENGINEER.

ENGINEER: **HARRY EASTERBY**
TEL #: **702-244-6903**

THESE PLANS WILL BE VALID FOR ONLY SIX MONTHS FROM THE DATE OF ISSUE

*CITY OF LAS VEGAS PERMIT REQUIRED
DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY

*CENTURYLINK INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY

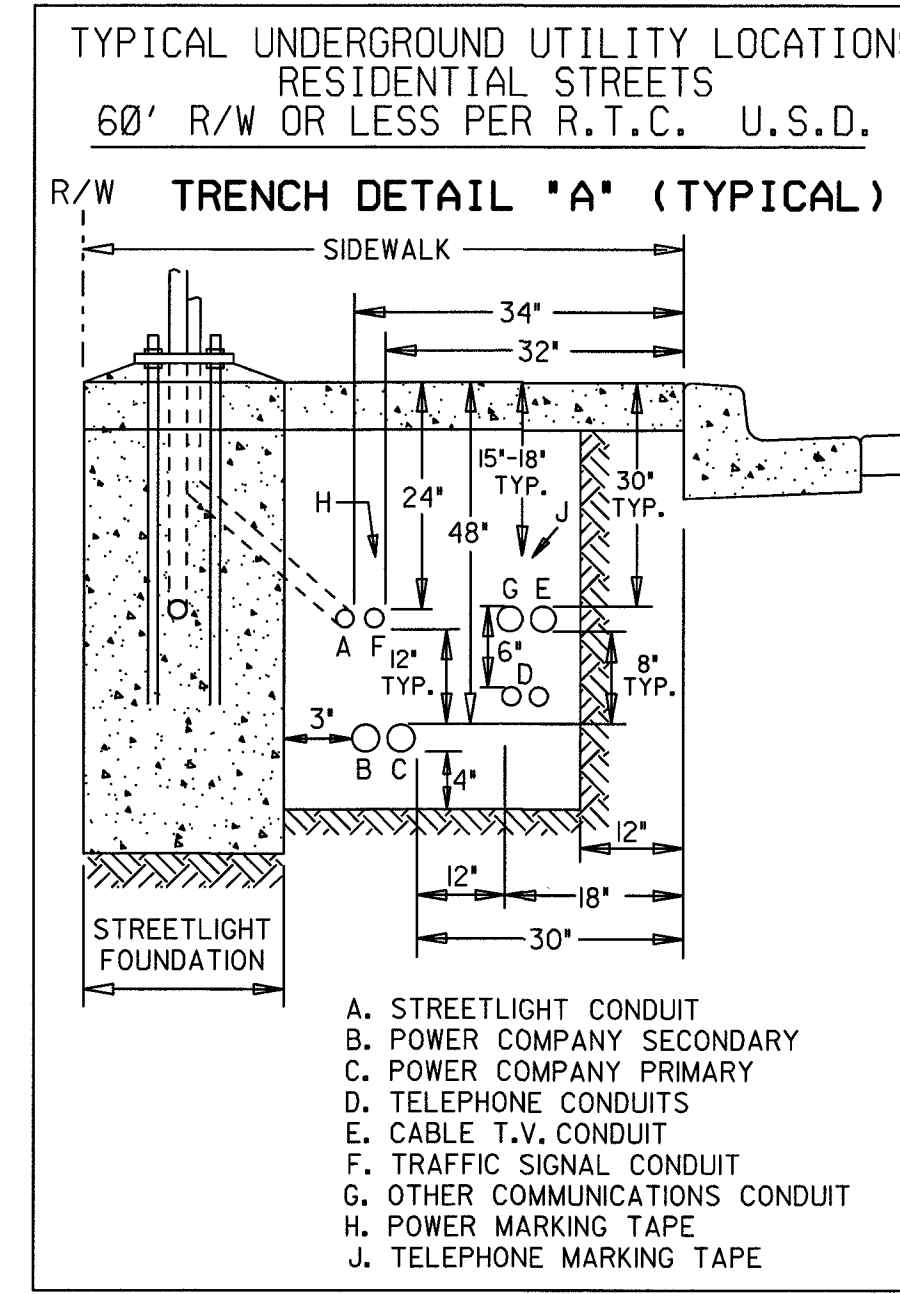
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY. CALL



OR 1-800-227-2600

EXISTING		PROPOSED		T & S LEGEND	
				MANHOLE - INCLUDE REQUIRED GRADE RINGS, RACKING, GROUNDING, STEP RUNGS AND LADDER - REFER TO DRAWING FOR SIZE	
				400 PULL BOX (3'-0" X 5'-0" X 4'-0" I.D.) - WITH TWO (2) HINGED ALUMINUM FORSION-ASSISTED TRAFFIC RATED LIDS MARKED 'TELCO', GALVANIZED STEEL ADJUSTING FRAME, AND FOUR (4) 18 HOLE CABLE RACKS (2 EA. SIDE).	
				200 PULL BOX (2'-6" X 4'-0" X 4'-0" I.D.) - WITH TWO (2) H-20-44 LOADING, HOT DIP GALVANIZED BOLT DOWN BEAM & PLATE TRAFFIC COVERS MARKED 'TELCO' AND FOUR (4) 18 HOLE CABLE RACKS (2 EACH SIDE).	
				100 PULL BOX (2'-0" X 3'-0" X 3'-0" I.D.) - WITH TWO (2) H-20-44 LOADING, HOT DIP GALVANIZED BOLT DOWN BEAM & PLATE TRAFFIC COVERS MARKED 'TELCO' AND 2 - 18 HOLE CABLE RACKS ON ONE SIDE OF PULL BOX.	
				30 PULL BOX (17" X 30" X 30" I.D.) - CONDUIT PROJECTS - P.C.C. TYPE PULL BOX (ES-30 OR T-30CC) DIRECT BURIED PROJECTS - POLYMER TYPE PULL BOX (P-30 OR L-30 POLY)	
				16 HAND HOLE (9" X 15" X 12" I.D.)	
				PROPOSED GROUND ATTACHMENT AT POWER TRANSFORMER.	
				PROPOSED CENTURYLINK FIBER SPLITTER CABINET.	
				PROPOSED BACKBONE CONDUIT: P.V.C. D.B. (DIRECT BURIAL) GRADE 24" RADIUS FOR 1" D.B. 60 FOR 1", 2" & 3" / D.B. 100 FOR 4" RADIUS FOR 2" 48" RADIUS FOR 3" & 4" SCHEDULE 40 PVC (TYPICAL) RIGID GALVANIZED STEEL WITH DOUBLE-WRAPPED 10 MIL. CORROSION PROTECTION TAPE. (AS SHOWN)	
				PROPOSED TRENCH ROUTE (DIRECT BURIED PROJECTS)	
				TERMINAL CABINET 48" X 48" X 6" OR 8" UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT WITH A NON-LOCKING, SIDE-HINGED DOOR, EQUIPPED INSIDE WITH A PLYWOOD BACKBOARD (1" SMALLER ON ALL SIDES, CENTERED IN CABINET) SECURED WITH RECESSED MOUNTING HARDWARE AND A #6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATION GROUNDING SOURCE AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPMENT. MOUNT CABINET AT EYE LEVEL A MINIMUM OF 48" ABOVE FINISH GRADE.	
				TERMINAL CABINET 36" X 36" X 6" OR 8" TELEPHONE TERMINAL BACKBOARD (T.T.B.) - 3/4" PLYWOOD BACKBOARD TREATED WITH FIRE RETARDANT PAINT OR SEALER AND A #6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATION GROUNDING SOURCE AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPMENT. BACKBOARDS SMALLER THAN 4" X 8" (IE. 2" X 2" & 4" X 4') SHOULD BE MOUNTED 40" ABOVE THE FLOOR.	

- RTC SOUTHERN NEVADA NOTES:**
- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
 - FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
 - FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.I
 - FOR BACKFILL REQUIREMENTS SEE RTC STANDARD DRAWING SEE RTC UNIFORM STANDARD DRAWING 503.I
 - SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS

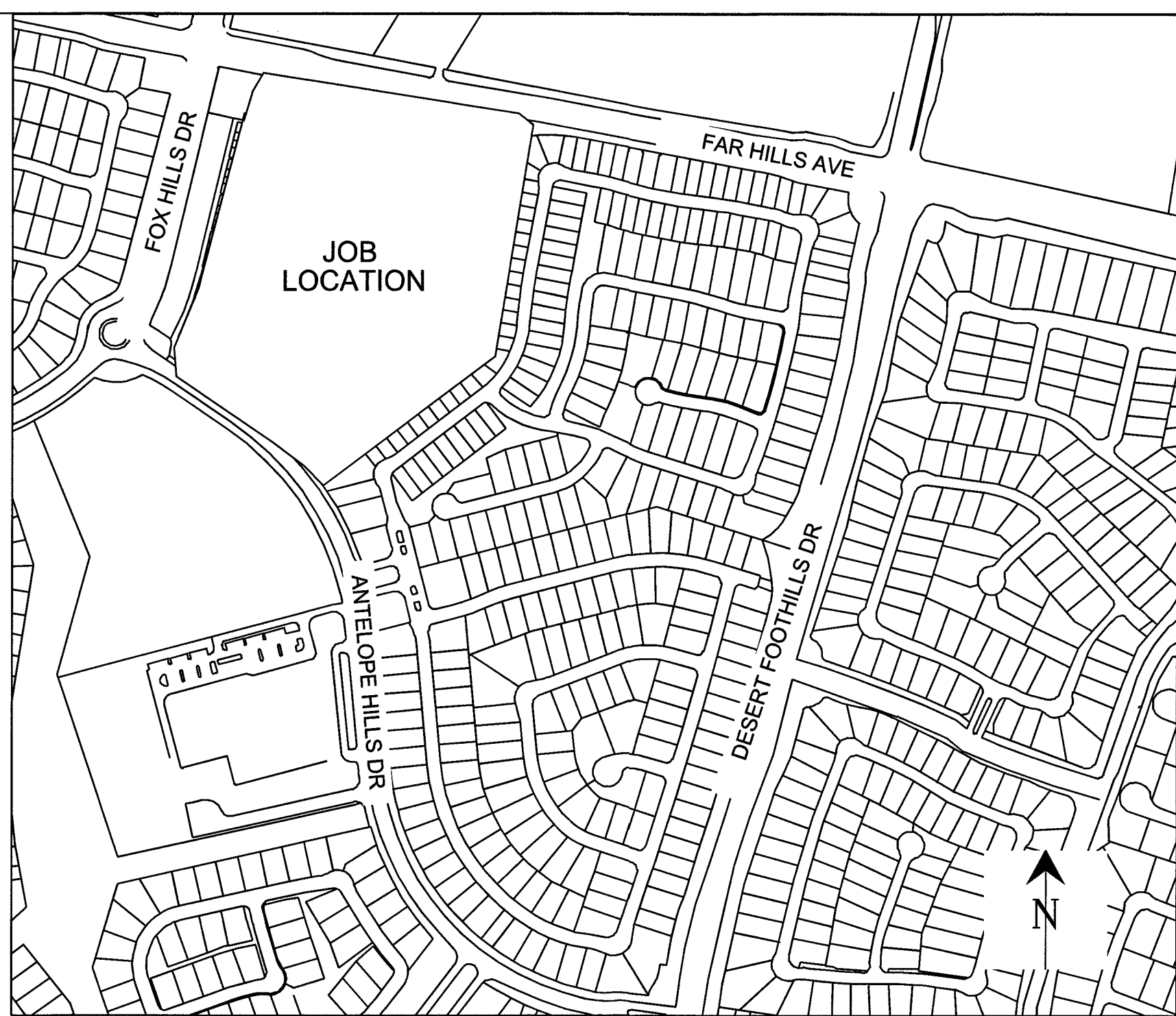
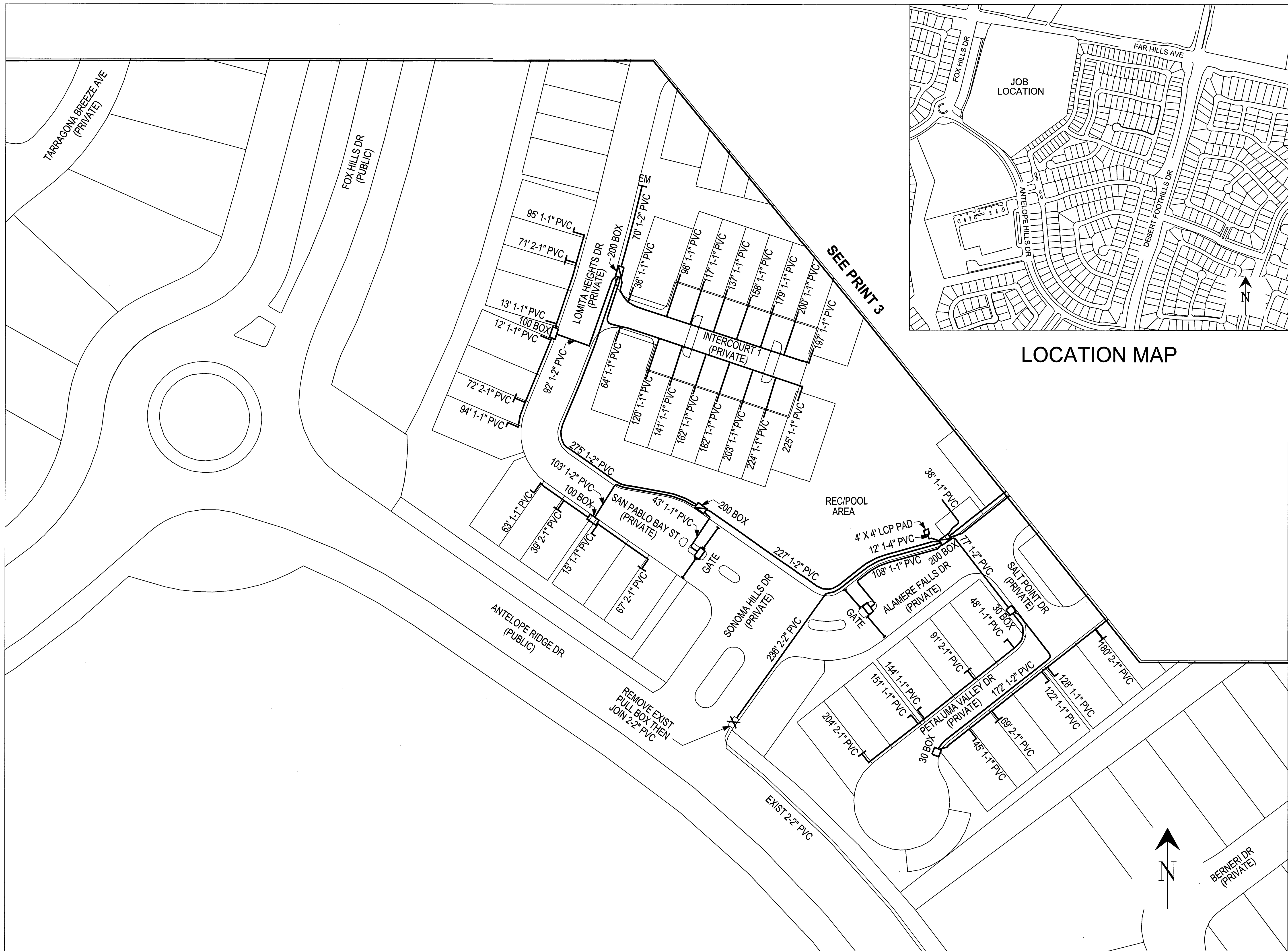


- PIPE ZONE REQUIREMENTS**
- TRENCH DETAIL 'B' (TYPICAL)**
- BACKFILL PER RTC USD 503.I; NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH.
 - APPROVED SAND 4" BELOW, 3" ON SIDES AND 8" ABOVE CONDUIT, COMPACTED TO 95% RELATIVE DENSITY.
 - PER NESC MINIMUM 12" OF WELL TAMPED EARTH OR 3" OF CONCRETE SEPARATION BETWEEN COMMUNICATIONS AND HIGH VOLTAGE ELECTRIC.
 - 1" 2" AND/OR 4" TELEPHONE CONDUIT (COMBINATION OF SIZES AND QTY. VARY)
 - POWER CONDUIT (COMBINATION OF SIZES AND QTY. VARY)
 - TELEPHONE MARKING TAPE 15"-18" BELOW GRADE
 - POWER MARKING TAPE 15"-18" BELOW GRADE

PROJECT NAME: **SANTA ROSA UNIT 1 FAR HILLS/FOX HILL**

COVER SHEET FOR RESIDENTIAL TRENCH & SUBSTRUCTURE FIBER TO THE PREMISE (FTTP) CITY OF LAS VEGAS

W.O. **N.211845**
ENGINEER: **HARRY EASTERBY**
DATE: **02/23/2017**



LOCATION MAP

SEE PRINT 3



Title: SANTA ROSA UNIT 1
Location: FAR HILLS/FOX HILL

Engineering Contact
Exchange: 9800

Name: HARRY EASTERBY
Phone Number: (702) 244-6903
Manager: DELL HOWARD

Scale: No Scale
Print Date: 03/23/2017

WO #: N.211845
Sheet 2 of 3



SEE PRINT 2



Title: SANTA ROSA UNIT 1
Location: FAR HILLS/FOX HILL

Engineering Contact
Exchange: 9800

Name: HARRY EASTERBY
Phone Number: (702) 244-6903
Manager: DELL HOWARD

Scale: No Scale
Print Date: 03/23/2017

WO #: N.211845
Sheet 3 of 3