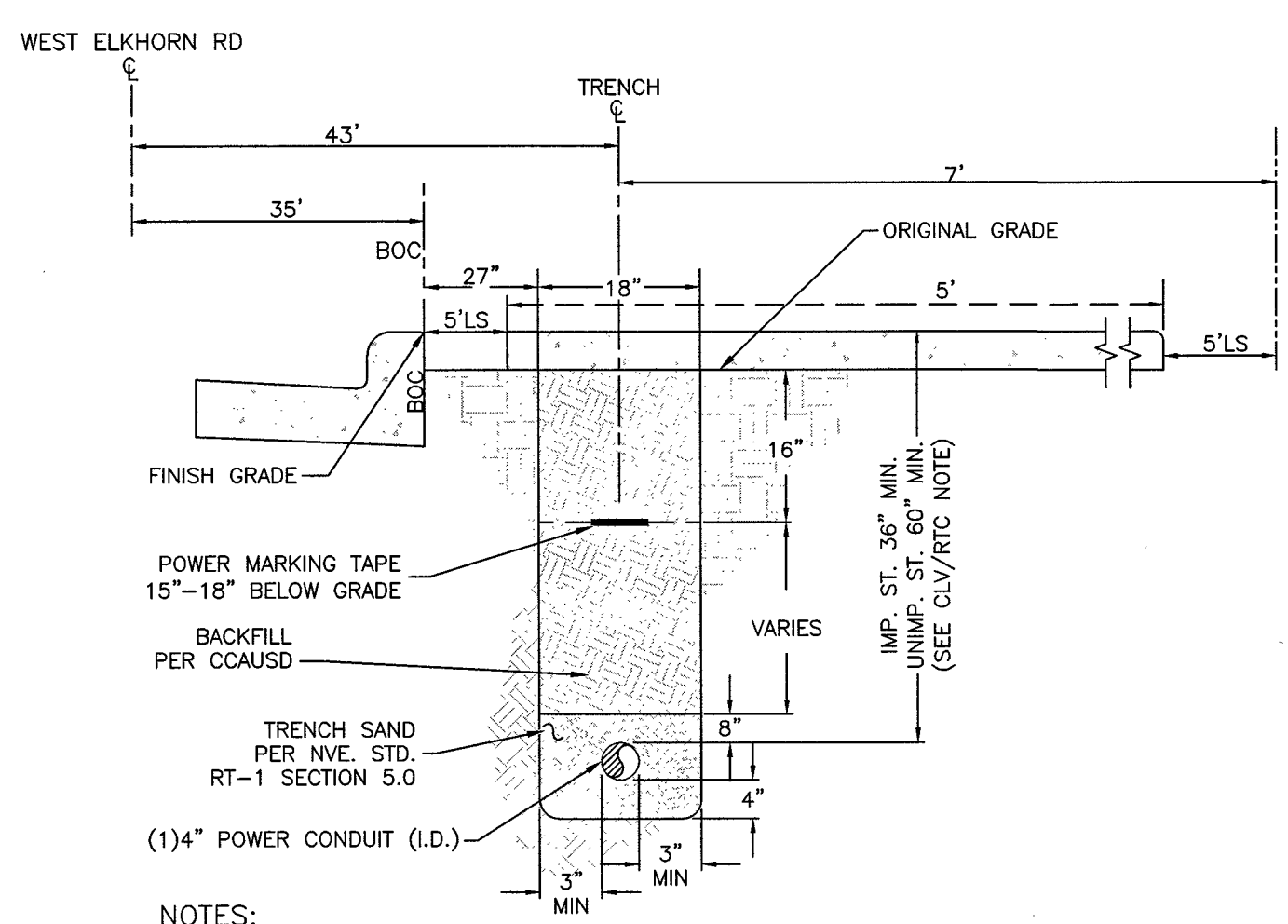
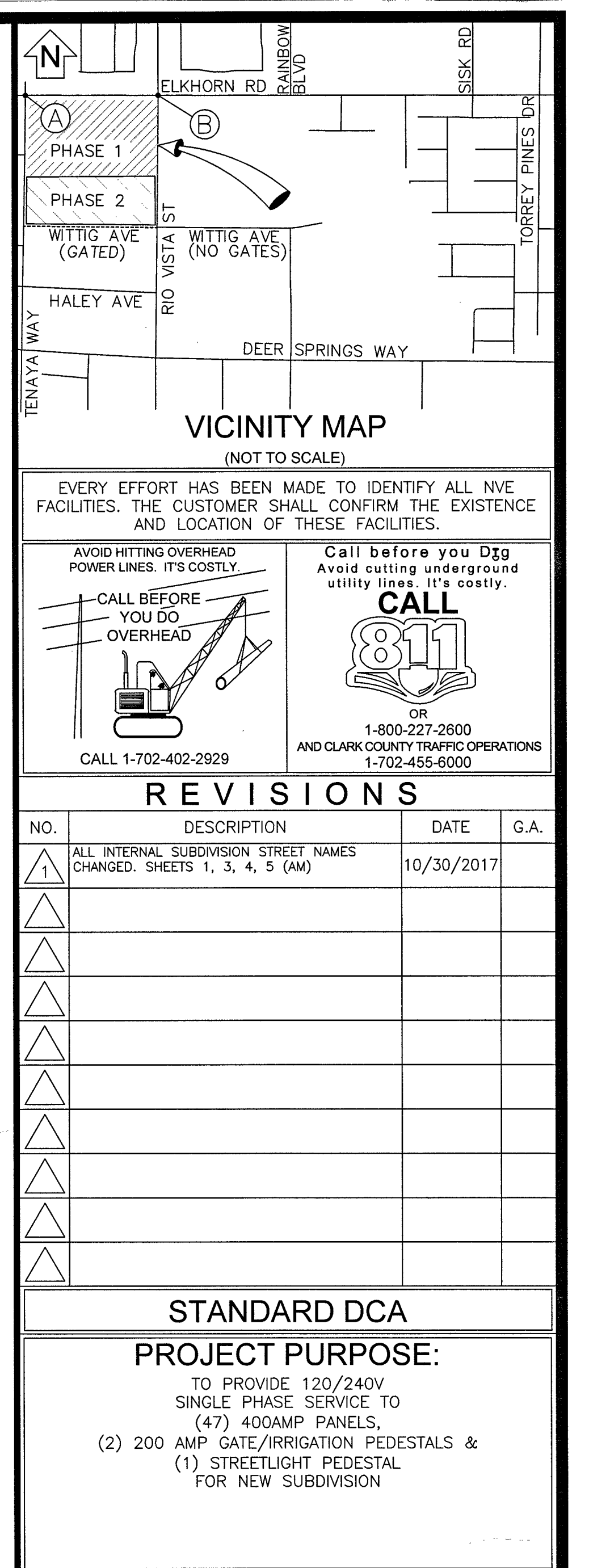




REGIONAL TRANSPORTATION COMMISSION, CITY OF HENDERSON,
CITY OF NORTH LAS VEGAS AND UNINCORPORATED CLARK COUNTY
REQUIREMENTS (SECTION 234):
SIDEWALK
1. ON ALL CURB RETURNS A 1/2" EXPANSION JOINT SHALL BE CONSTRUCTED
BETWEEN THE BACK OF CURB AND THE SIDEWALK FOR THE ENTIRE LENGTH OF
THE RETURN.
2. THE TYPE II AGGREGATE BASE THICKNESS IS SHOWN ON THE TYPICAL SECTION
DRAWINGS 202 - 207.
3. LONGITUDINAL WEAKENED PLANE JOINT REQUIRED AT MIDPOINT OF SIDEWALK 10'
OR WIDER.
COH JURISDICTION:
FOR ALL AREAS EXCEPT NVENERGY PIPE ZONE, THE TRENCH,
BACKFILL AND AC REPLACEMENT SHALL BE PER CAUSD.
NVE REQUIREMENTS:
FOR ALL OTHER JURISDICTIONS REFER TO NVE STANDARDS.
BACKFILL REQUIREMENTS NVE. STD. RT-1.
TRENCH DEPTH REQUIREMENTS NVE. STD. RT-5.

TRENCH DETAIL

1-4" CONDUITS

SECTION "CC"

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)

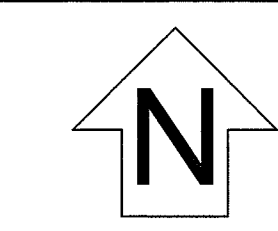
HANSEN _____

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): 402-6864

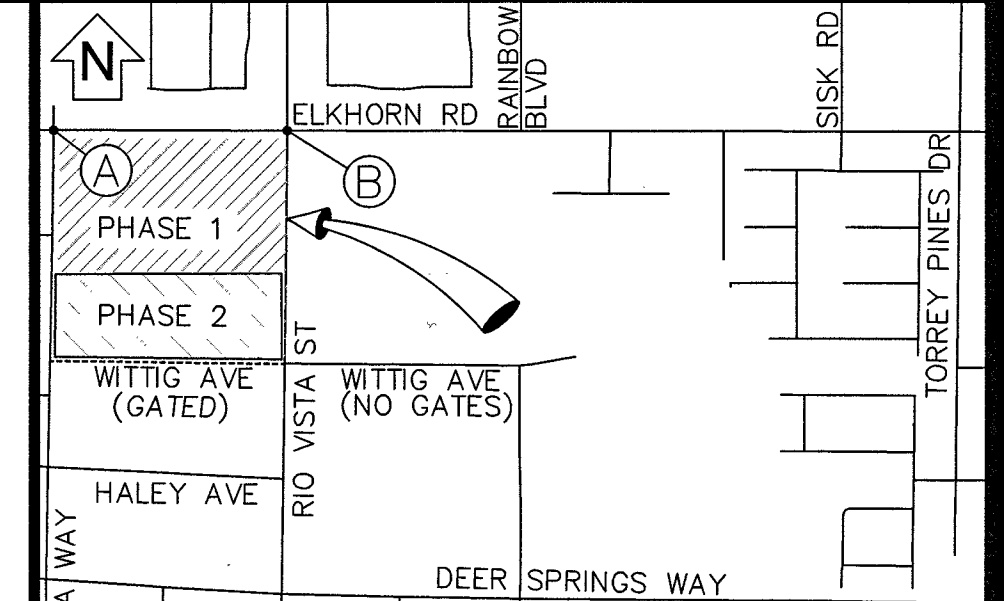
NVEnergy INFORMATION: COORDINATOR: <u>SANTIAGO_CHERI</u> PHONE: <u>(702)622-4365</u> DESIGNER: <u>MIDROWSKY, ANDREW</u> D.F. <u>JM</u> DCA: <u>285-8182, 219-5761 NORTH</u> INSPECTOR: <u>402-3008</u> STAND BY: <u>402-4114, 402-4117, 402-4118</u> DISTRICT: <u>LAS VEGAS NORTH</u>	
JPA INFORMATION: JPA ADMIN PHONE: <u>N/A</u> JPA#: <u>N/A</u> CUSTOMER INFORMATION: APPLICANT: <u>D.R. HORTON, INC.</u> ENGINEER: <u>TRITON ENGINEERING</u> CONTACT: <u>DAVE RICHARDSON VON-OY ** 702-379-7577</u> APPROVAL DATE: <u>05/19/2017</u> GOVERNMENT INFORMATION: AGENCY: <u>CITY OF LAS VEGAS</u> APPROVAL DATE: _____	
FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NVE METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS.	
 NVEnergy.	
ELKHORN 40 PHASE 1 ELKHORN RD / TENAYA WAY	
PROJ. ID: 9011751754	SCALE: 1" = 30'
SHEET # 4 OF 5	DATE: 03/28/2017

MATCH LINE 'C' - SEE SHEET 4



T,R,S: 19-60-22
APN: 125-22-501-001

MATCH LINE 'B' - SEE SHEET 3



VICINITY MAP
(NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

CALL BEFORE YOU DO OVERHEAD

Call before you Dig
Avoid cutting underground utility lines. It's costly.

CALL 811

1-800-227-2600
AND CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-6000

REVISIONS

NO.	DESCRIPTION	DATE	G.A.
1	ALL INTERNAL SUBDIVISION STREET NAMES CHANGED. SHEETS 1, 3, 4, 5 (AM)	10/30/2017	

STANDARD DCA

PROJECT PURPOSE:

- TO PROVIDE 120/240V SINGLE PHASE SERVICE TO (47) 400AMP PANELS.
- (2) 200 AMP GATE/IRRIGATION PEDESTALS & (1) STREETLIGHT PEDESTAL FOR NEW SUBDIVISION

EXHIBIT 'A'

NVEnergy INFORMATION:

COORDINATOR: SANTIAGO, CHERI

PHONE: (702)622-4365

DESIGNER: MIDROWSKY, ANDREW D.F. JM

DCA: 285-8182, 219-5761 NORTH

INSPECTOR: 402-3008

STAND BY: 402-4114, 402-4117, 402-4118

DISTRICT: LAS VEGAS NORTH

JPA INFORMATION:

JPA ADMIN PHONE: N/A JPA#: N/A

CUSTOMER INFORMATION:

APPLICANT: D.R. HORTON, INC.

ENGINEER: TRITON ENGINEERING

CONTACT: DAVE RICHARDSON VON-OY ** 702-379-7577

APPROVAL DATE: 05/19/2017

GOVERNMENT INFORMATION:

AGENCY: CITY OF LAS VEGAS

APPROVAL DATE:

FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NVE METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS.



ELKHORN 40 PHASE 1
ELKHORN RD / TENAYA WAY

PROJ. ID: 3001751754 SCALE: 1" = 30'
SHEET # 5 OF 5 DATE: 03/28/2017

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 BY: _____ 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 _____

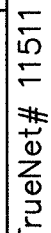
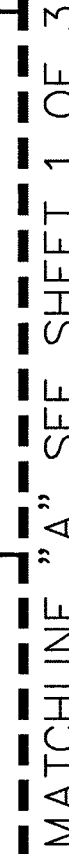
DATE _____

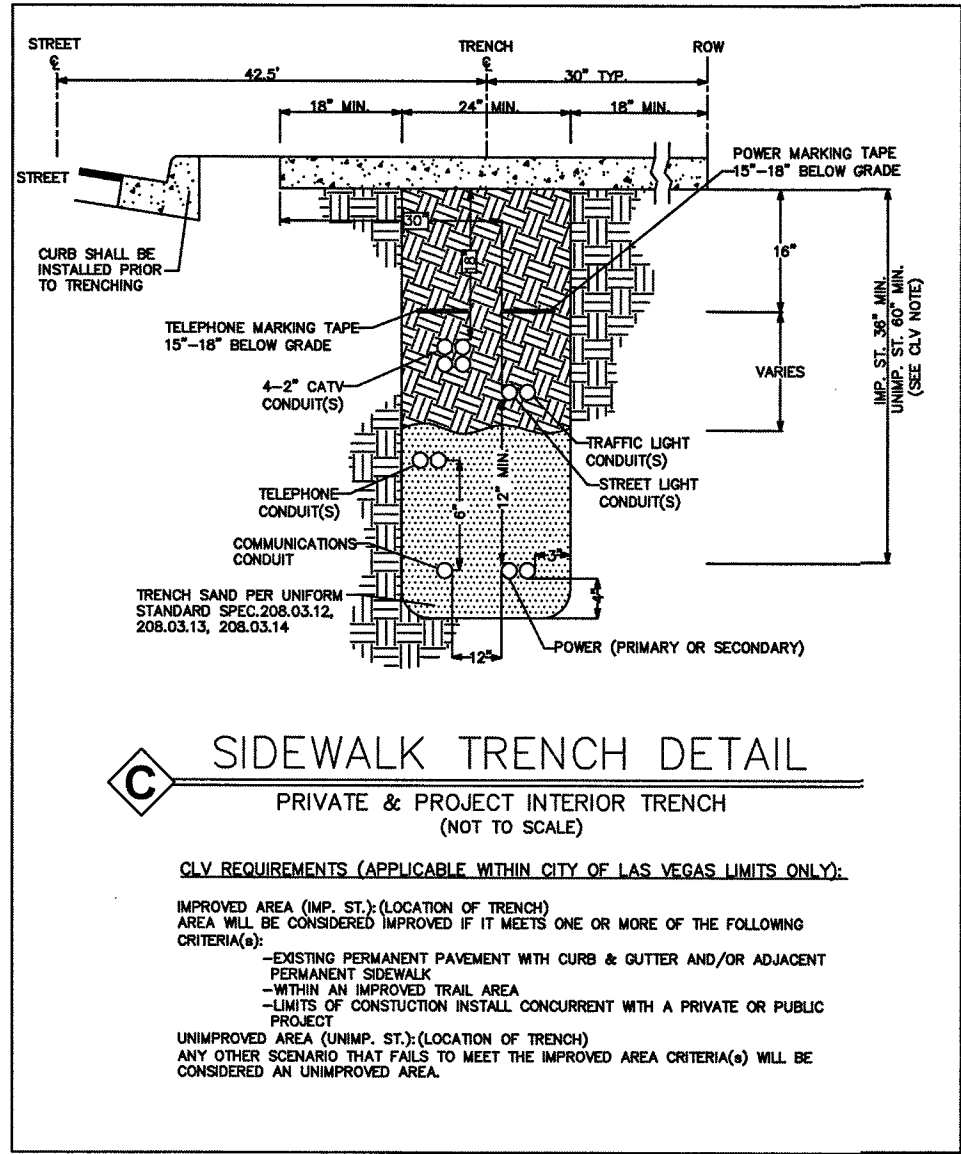
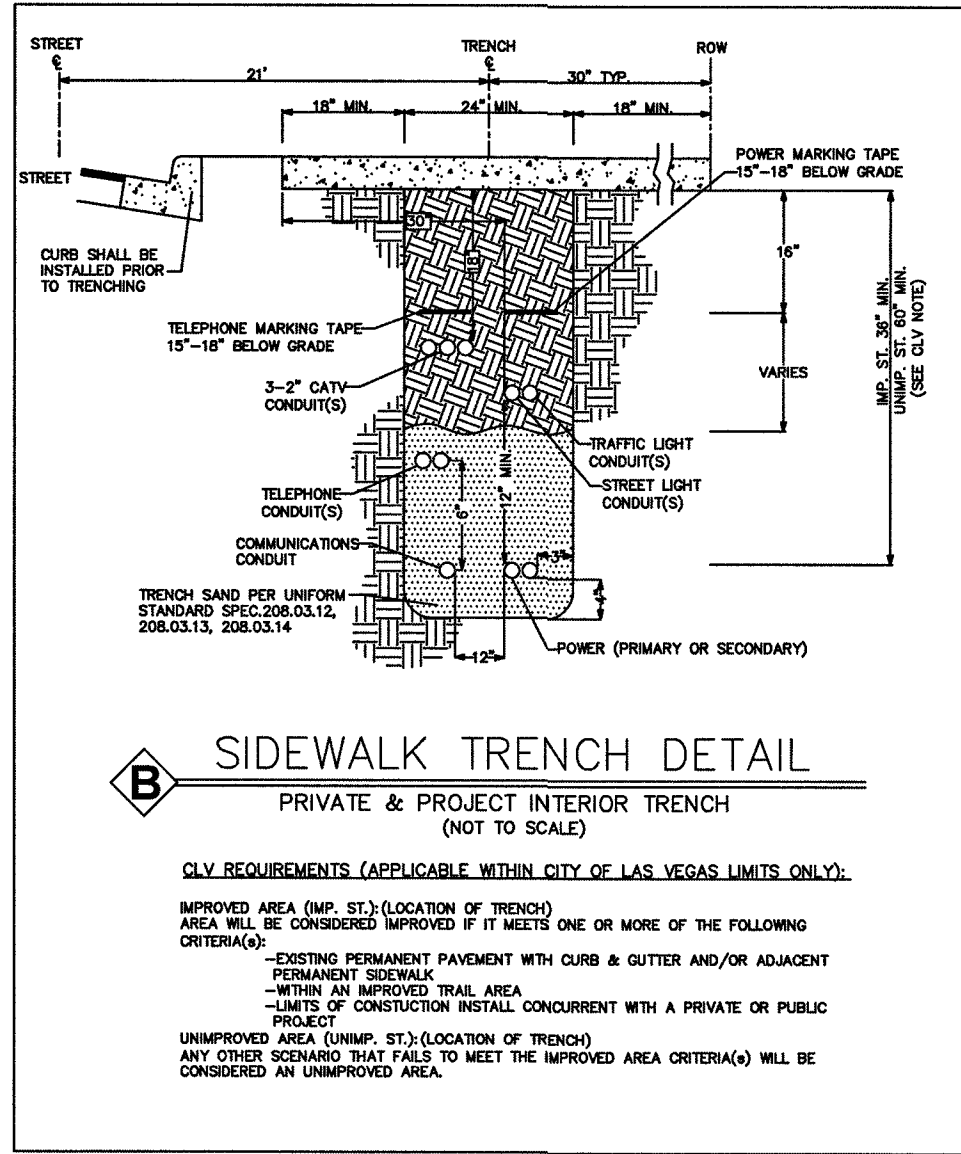
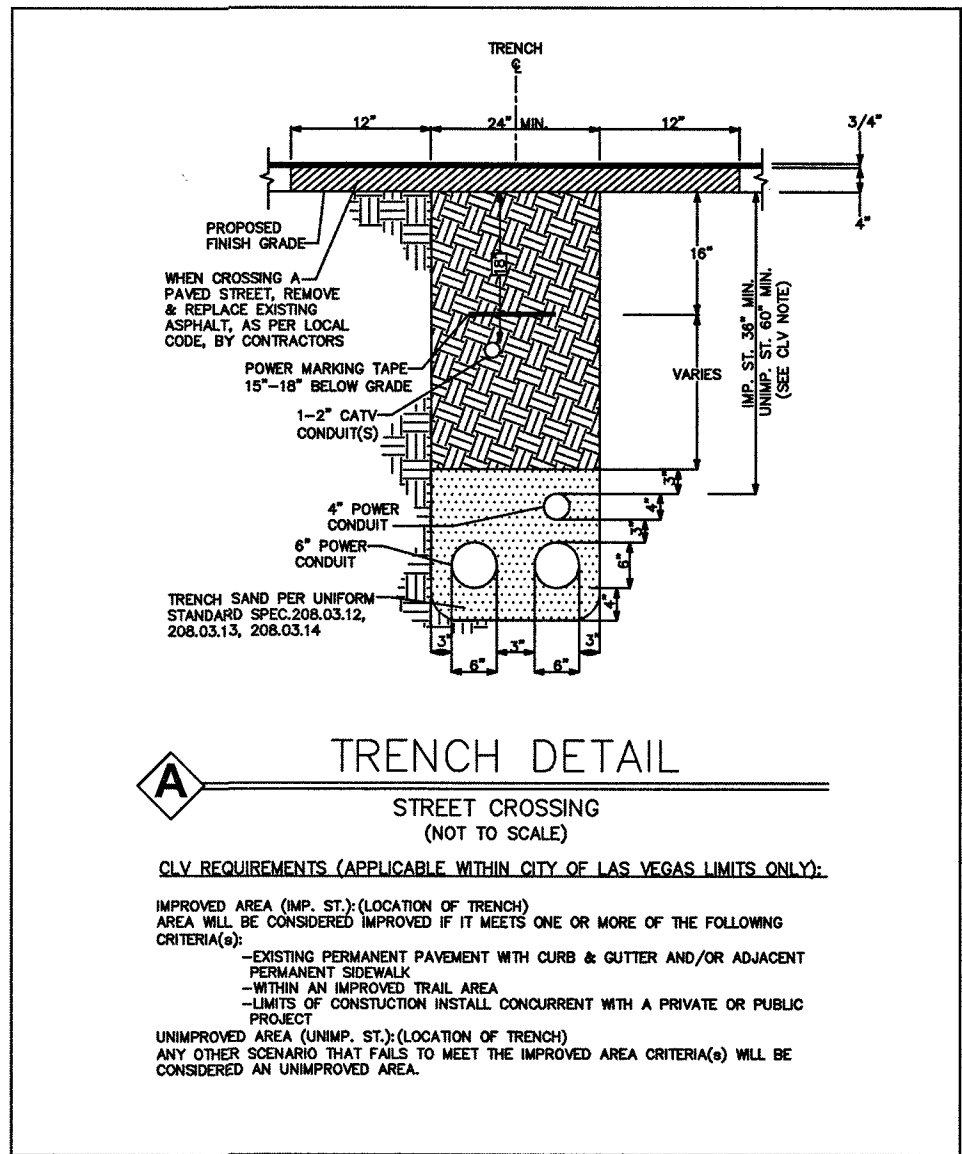
*NVE INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.

FAX PERMIT TO:
LAS VEGAS NORTH (RYAN CENTER): 402-4354
LAS VEGAS SOUTH (BELTWAY CENTER): 402-6864

CENTERLINE STATION TABLE					
STREET INTERSECTION	STA	HEADED			
(A) ELKHORN RD	19+00	EAST			
(B) TENAYA WAY	23+01.84	NORTH			
(C) ELKHORN RD	23+22.93	EAST			
(D) RIO VISTA ST	23+07.90	NORTH			

STATION TABLE					
MAXIMO STATION	CORNER	CENTER LINE STATION	SIDE	OFFSET CL TO BOC	OFFSET CL TO ROW
(0003)	WEST	19+12.60	RT	35'	45'
	EAST	19+20.26'	RT	35'	45'





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	---C---C---C--- SIDEWALK/DIRT TRENCH INSTALL
18	---C---C---C--- ASPHALT/STREET TRENCH INSTALL
19	---B---B--- PROPOSED BORE
20	---X---X--- EXISTING CATV CONDUIT(S)
21	---OHC--- PROPOSED OVERHEAD FIBER OPTIC CABLE OR COAX INSTALL
22	---XOHC--- 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	INSTALL RHINO CABINET
40	RISER POLE/QUADRANT DETAIL RISER OWNERSHIP NOTED
41	RAILROAD
42	EXISTING MANHOLE (SS),(SD),...ECT
43	---1in CONDUIT LATERAL
44	
45	

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 BEFORE YOU DIG OR 1-800-227-2600 UNDERGROUND SERVICE (USA)	AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEMS. IT'S COSTLY. CALL BEFORE YOU DO UNDERGROUND BEFORE YOU UNDERGROUND 1-702-455-7511 CLARK COUNTY TRAFFIC OPERATIONS AND 1-702-432-5300 LAS VEGAS AREA COMPUTED SYSTEM
AVOID OVERHEAD POWER LINE CONTACT CALL BEFORE YOU OVERHEAD 1-702-227-2928 NEVADA POWER ENVIRONMENT AND SAFETY SERVICE DEPARTMENT	PROJECT LOCATION: ELKHORN 40 PHASE 1 SHEET No: 3 SHEET 3 OF 3

VICINITY MAP
(NOT TO SCALE)

REVISIONS

REV	DESCRIPTION	DATE	BY
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APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV RW OR CLV EASEMENT ONLY. OBTAINING PERMISSION OR EASEMENT FOR WORK SHOWN IN PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

APPROVAL: _____ DATE: _____

PERMIT # 405051700000CCWSEXP
DRAWN BY: SVW
DATE: 09-13-17
SCALE: 1:30
NODE: N/A
PROJECT #: TRUENET
TECH #
APPROVED BY: _____

CITY OF LAS VEGAS
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 545-1606
FAX: (702) 545-2606

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

PROJECT LOCATION: ELKHORN 40 PHASE 1
SUB-CONTRACTOR: ELKHORN RD & N TANAYA WAY
ENTITY NOTES: TBD

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 THE 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 BURIED CABLE INSTALLATIONS IN OPEN TRENCH SECTIONS. THE 48 HOURS BEGINS AFTER THE CENTURYLINK INSPECTOR APPROVES THE OPEN TRENCH.

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

SEPARATE CAT-3 OR CAT-5 CABLE FOR VOICE
SEPARATE CAT 5E CABLE FOR DATA

MAXIMUM LENGTH BETWEEN THE ELECTRONICS AND DEMARC IS 328 FT.

ALL COPW OR INSIDE WIRE SHALL BE BROUGHT TO A CENTRAL LOCATION OR SMART PANEL EQUIPPED WITH A #6 GROUND WIRE TO AN 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 AN MGN AND A DEDICATED 20 AMP AC OUTLET.

IF ANY QUESTIONS, PLEASE CONTACT THE ENGINEER OR INSPECTOR.

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

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

CITY OF LAS VEGAS APPROVAL DATE

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

ENGINEER: LORI JOHNSON

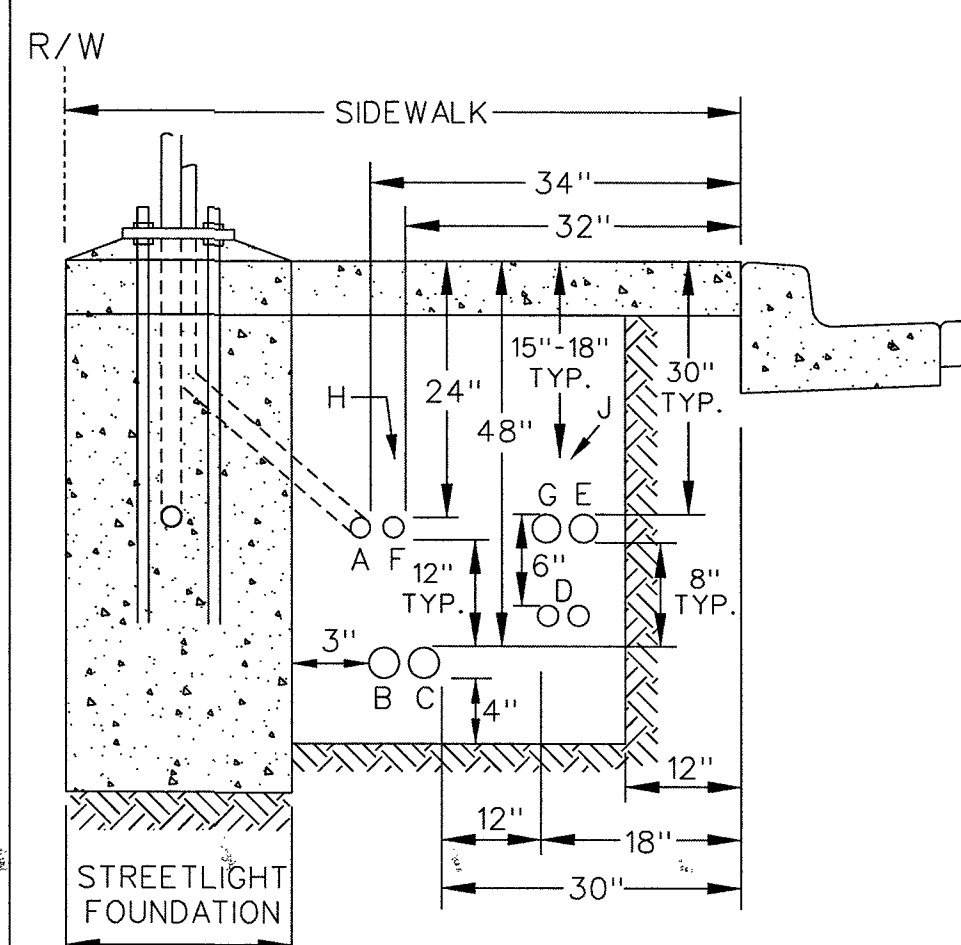
TEL*: 702-244-7899

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

RTC SOUTHERN NEVADA NOTES:

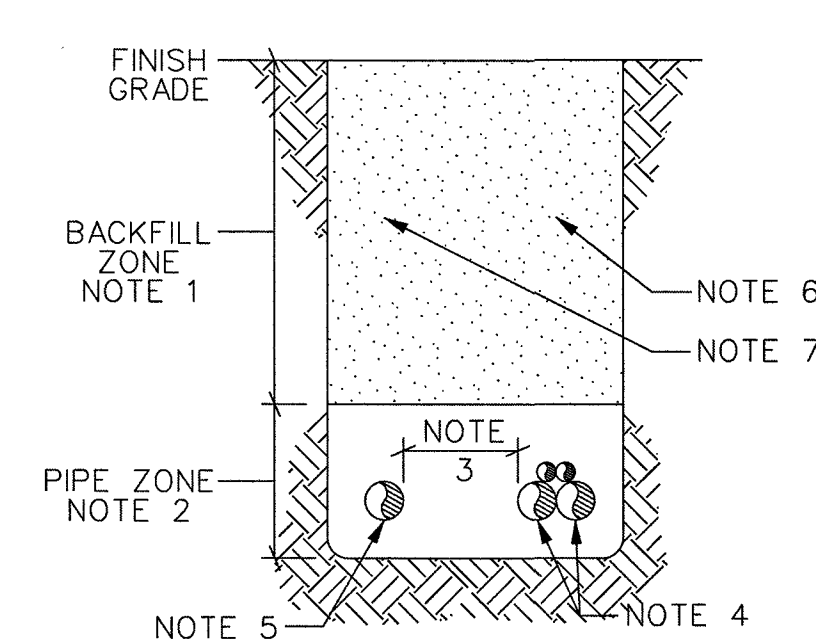
- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
- FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
- FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.1
- FOR BACKFILL REQUIREMENTS SEE RTC STANDARD DRAWING SEE RTC UNIFORM STANDARD DRAWING 503.1
- SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS

TYPICAL UNDERGROUND UTILITY LOCATIONS RESIDENTIAL STREETS 60' R/W OR LESS PER R.T.C. U.S.D. #501



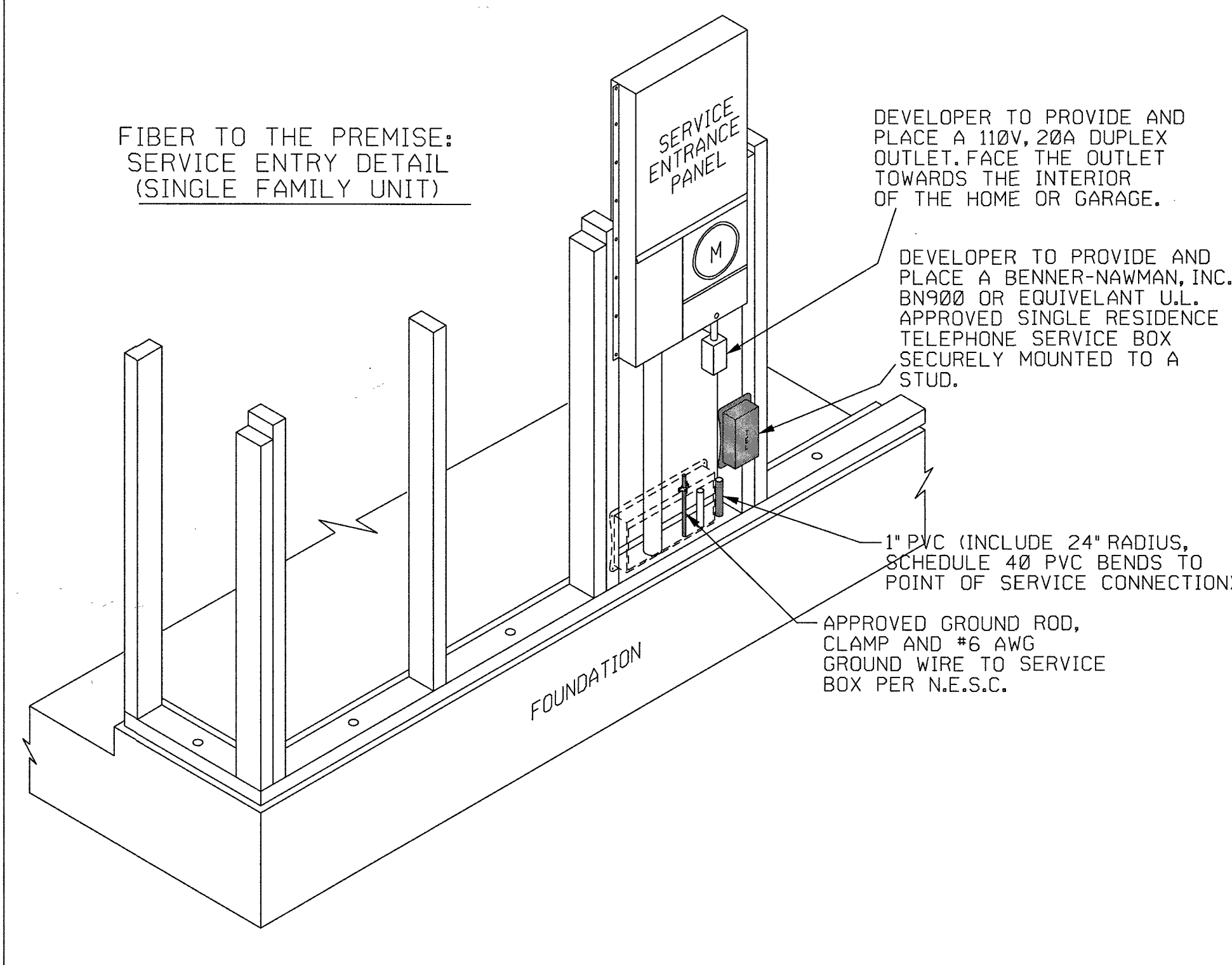
- A. STREETLIGHT CONDUIT
B. POWER COMPANY SECONDARY
C. POWER COMPANY PRIMARY
D. TELEPHONE CONDUITS
E. CABLE T.V. CONDUIT
F. TRAFFIC SIGNAL CONDUIT
G. OTHER COMMUNICATIONS CONDUIT
H. POWER MARKING TAPE
J. TELEPHONE MARKING TAPE

PIPE ZONE REQUIREMENTS



- BACKFILL PER RTC USD 503.1; 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

FIBER TO THE PREMISE: SERVICE ENTRY DETAIL (SINGLE FAMILY UNIT)



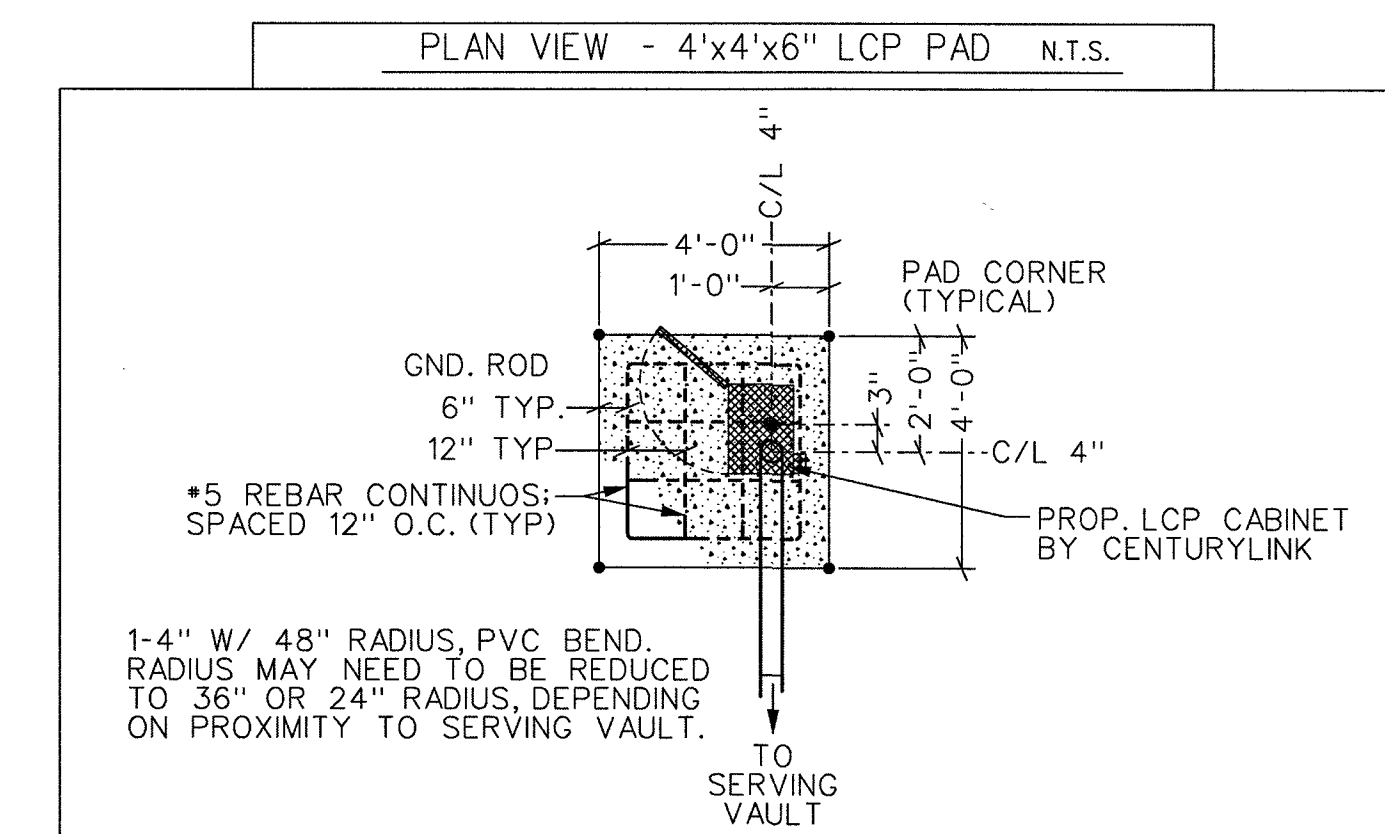
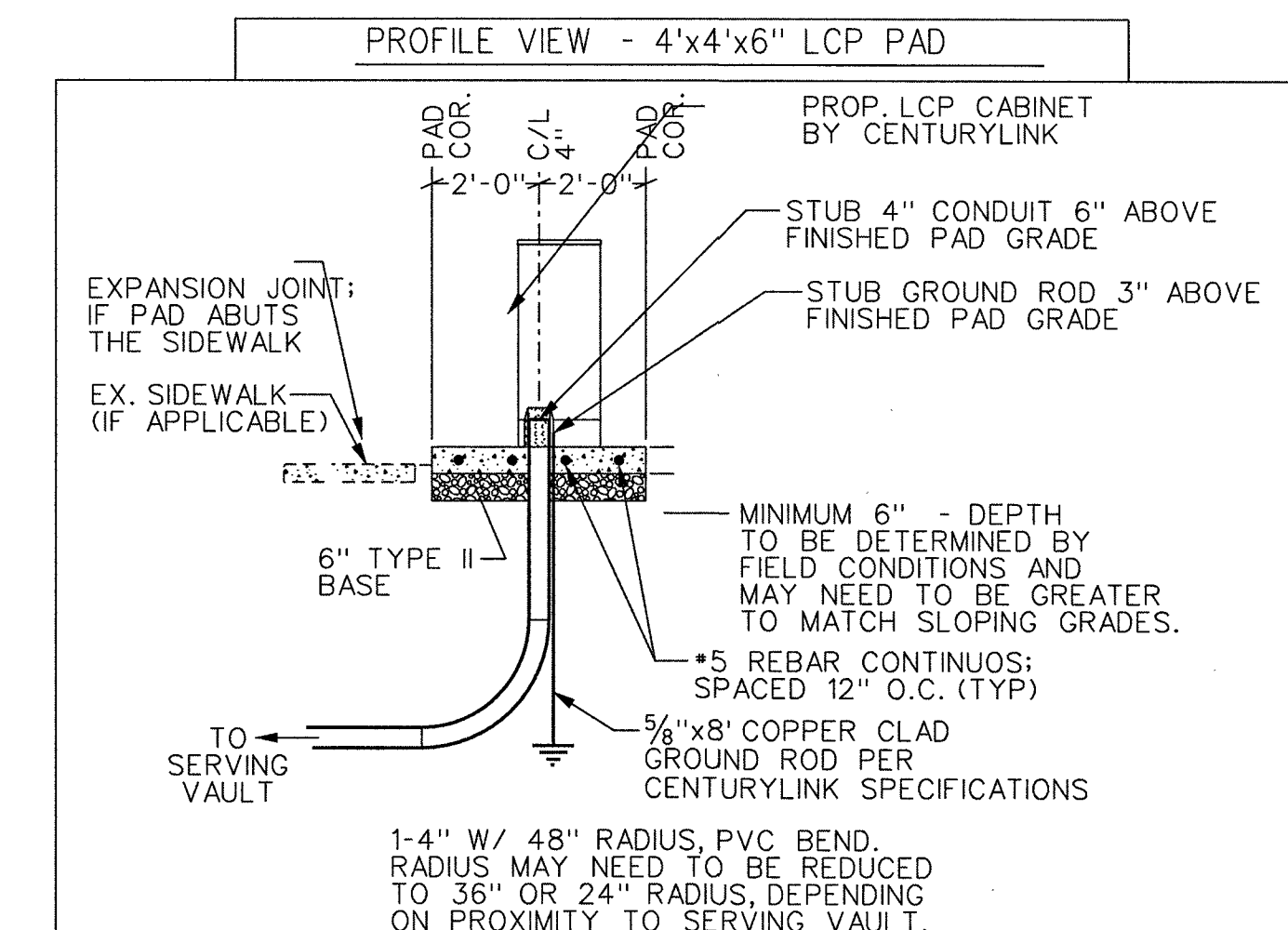
DEVELOPER TO PROVIDE AND PLACE A 110V, 20A DUPLEX OUTLET, FACE THE OUTLET TOWARDS THE INTERIOR OF THE HOME OR GARAGE.

DEVELOPER TO PROVIDE AND PLACE A BENNER-NAWMAN, INC. BN900 OR EQUIVALENT U.L. APPROVED SINGLE RESIDENCE TELEPHONE SERVICE BOX SECURELY MOUNTED TO A STUD.

1" PVC (INCLUDE 24" RADIUS, SCHEDULE 40 PVC BENDS TO POINT OF SERVICE CONNECTION)

APPROVED GROUND ROD, CLAMP AND #6 AWG GROUND WIRE TO SERVICE BOX PER N.E.S.C.

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 TORSION-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 T-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 D.B. 60 FOR 1", 2", & 3" / D.B. 100 FOR 4"
		PROPOSED 1" SERVICE CONDUIT (number indicates amount of 1" conduit in each section of trench)
		EXISTING CONDUIT
		PROPOSED TRENCH ROUTE (DIRECT BURIED PROJECTS)
		TERMINAL CABINET 48" x 48" x 6" or 8"
		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. MOUNT CABINET AT EYE LEVEL A MINIMUM OF 48" ABOVE FINISH GRADE



PROJECT NAME:	ELKHORN 40 PHASE 1	W.O.	N.263149
	ELKHORN RD / TENAYA WAY	ENGINEER:	LORI JOHNSON
	COVER SHEET for RESIDENTIAL TRENCH & SUBSTRUCTURE COPPER DESIGN SUBDIVISION CLARK COUNTY AREAS	DATE:	10/23/2017
			SHT. NO. 1 of 2

L-69184-0001 10075059-UT

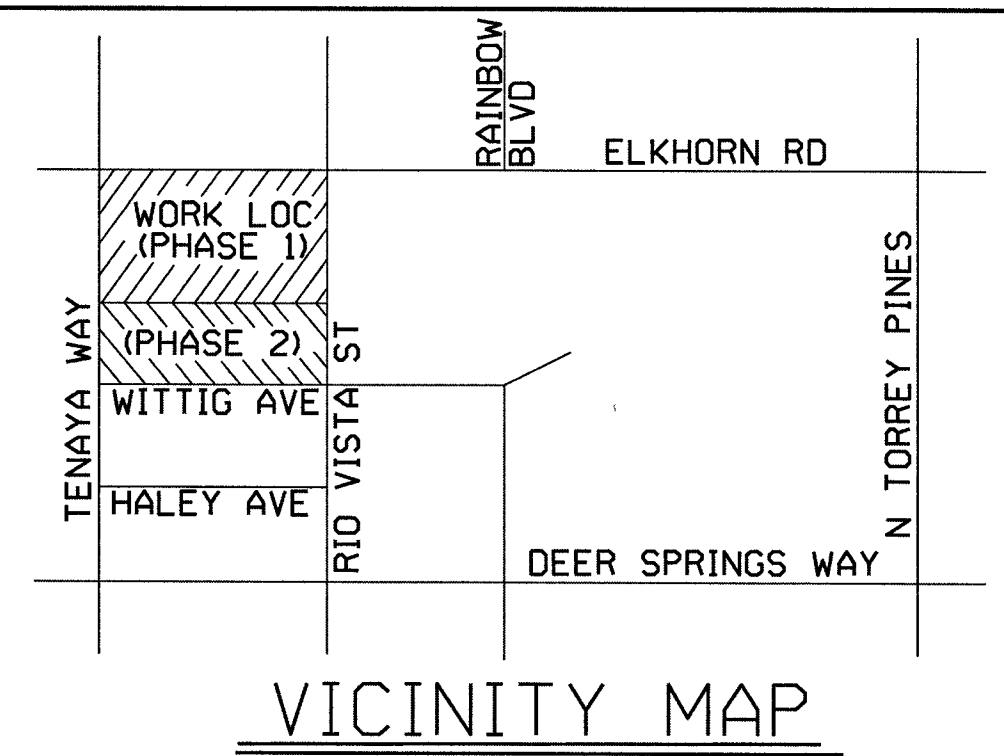
NOTE:
DO NOT START ANY WORK ON THIS PROJECT UNTIL YOUR PROPOSAL
HAS BEEN SUBMITTED AND ACCEPTED BY CENTURYLINK.

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

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.

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

SPECIAL NOTE:
ANY MODIFICATIONS TO THE
CENTURYLINK DESIGN MUST BE
APPROVED BY THE
ENGINEER: LORI JOHNSON
TEL#: 702-244-7899



CONTACT: D.R. HORTON, INC.
CONTACT NAME: DAVE VON-OY - 702-379-7577
NUMBER OF UNITS: 47

FOR CONSTRUCTION SPECIFICATIONS
SEE CENTURYLINK SPECS

ELKHORN RD
(PUBLIC)

•• REQUIREMENTS FOR GATE ••
WALL MOUNT 2'X2'X6" WEATHER BOX
110 VOLT, 15 AMP NON GFI WEATHER
PROOF OUTLET, AND 1" PVC FOR
TERMINAL

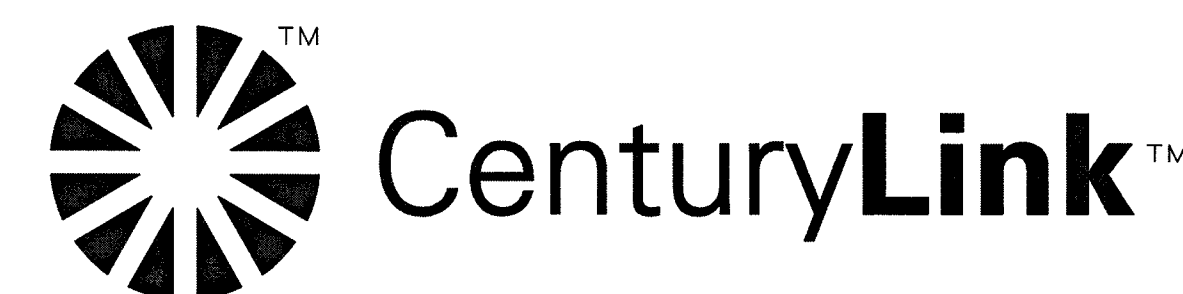
SHIRE RIDGE AVE
(PRIVATE)

NOBLE FAIR CT
(PRIVATE)

RIO VISTA STREET
(PRIVATE)

T-19, R-60
S-22, APN 125

CENTURYLINK
PROPRIETARY



SUB & CAP 2'
PAST IMPROVEMENT
FOR FUTURE PHASE #2
CONSTRUCTION PERMIT REQUIRED
BY CONTRACTOR

SUB & CAP 2'
PAST IMPROVEMENT
FOR FUTURE PHASE #2

NO.	REVISION	ENGR.	MGR.	DATE:
1	STREET NAME CHANGE	L. JOHNSON	D. HOWARD	10/23/2017
2				

TITLE	ELKHORN 40 PHASE 1	ENG:	LORI JOHNSON	W.O.	N.263149
	T&S DESIGN	PHONE	702-244-7899	C.O.	LSVGNVXU
LOC.	ELKHORN RD / TENAYA WAY	APV'D.	BY D. HOWARD	ISSUE	DATE 10/23/17
		SCALE	1" = 50'	SHT. NO.	2 of 2



Know what's below.
Call before you dig.