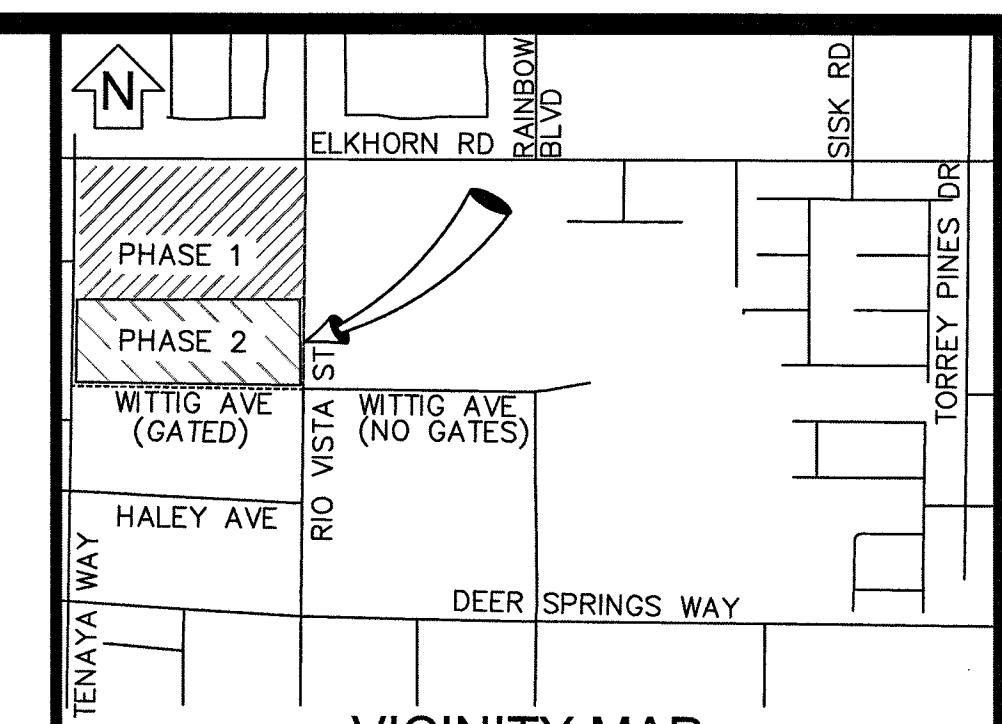




N
T.R.S: 19-60-22
APN: 125-22-501-001



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

REVISIONS			
NO.	DESCRIPTION	DATE	G.A.
1	PER CLV REDLINES, STREET NAMES CHANGED TO REFLECT ACTUAL STREET NAMES IN FIELD. ALL PAGES, S.S.	06/20/2018	

STANDARD DCA

PROJECT PURPOSE:
TO PROVIDE 120/240V SINGLE PHASE SERVICE TO (48) 400 AMP HOME PANELS FOR PHASE 2 OF 2 OF NEW SUBDIVISION

EXHIBIT 'A'

NVEnergy INFORMATION:
COORDINATOR: SANTIAGO, CHERI
PHONE: (702)622-4365
DESIGNER: MIDROWSKY, ANDREW D.F. J.M.
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: 03/12/2018

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.

NVEnergy.

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

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 _____

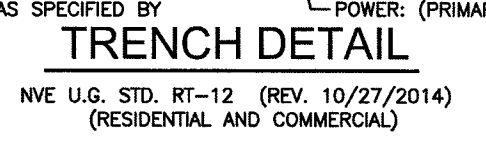
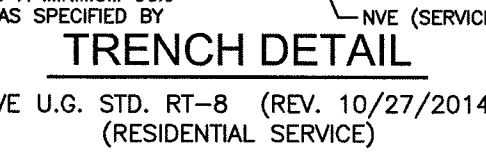
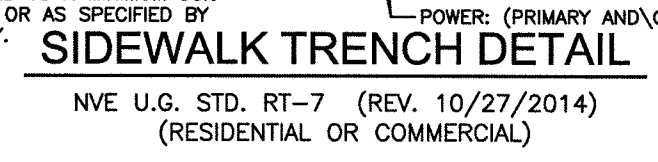
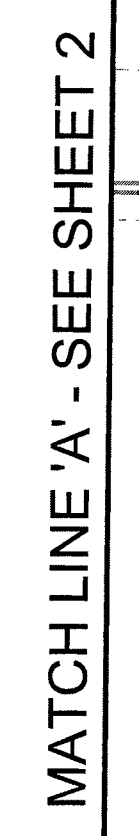
**ELKHORN 40 PHASE 2
ELKHORN / TENAYA**

PROJ. ID: 3002043412 SCALE: 1" = 30'
SHEET # 2 OF 4 DATE: 11/16/2017



T,R,S: 19-60-22

APN: 125-22-501-001



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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APPROVAL BY: _____ DATE: _____

CITY OF LAS VEGAS
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CLV CONSTRUCTION SERVICES MUST BE NOTIFIED
24 HOURS PRIOR TO COMMENCING CONSTRUCTION
(229-6337)

HANSEN _____

DATE _____

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REVISIONS			
NO.	DESCRIPTION	DATE	G.A.
 1	PER CLV REDLINES, STREET NAMES CHANGED TO REFLECT ACTUAL STREET NAMES IN FIELD. ALL PAGES, S.S.	06/20/2018	
			
			
			
			
			
			
			
			
			
			
			
			
			

STANDARD DCA

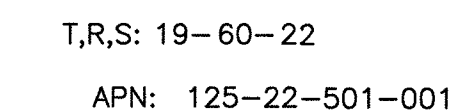
PROJECT PURPOSE:

TO PROVIDE 120/240V SINGLE PHASE SERVICE TO
(48) 400 AMP HOME PANELS
FOR PHASE 2 OF 2 OF
NEW SUBDIVISION

EXHIBIT 'A'	
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>03/12/2018</u>
GOVERNMENT INFORMATION:	
AGENCY:	<u>CITY OF LAS VEGAS</u>
APPROVAL DATE:	<u></u>

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 2 ELKHORN / TENAYA	
PROJ. ID: 3002043412	SCALE: 1" = 30'
SHEET # 3 OF 4	DATE: 11/16/2017



**REGIONAL TRANSPORTATION COMMISSION, CITY OF HENDERSON,
CLARK COUNTY, LAS VEGAS AND UNINCORPORATED CLARK COUNTY
REQUIREMENTS (SECTION 503.503.1 & 503.2):**

METHOD A/B FOR FLEXIBLE/RIGID PIPE TRENCH BACKFILL—PAVED AREAS

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.

2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.

3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY.

SEE STANDARD DRAWING NO. 6-100 FOR LAYING METHODS.

4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

COH JURISDICTION:

FOR ALL AREAS EXCEPT NVE/PYRGE PIPE ZONE, THE TRENCH, BACKFILL AND AC REPLACEMENT SHALL BE PER CCAUSD.

NVE REQUIREMENTS:

FOR ALL OTHER JURISDICTIONS REFER TO NVE STANDARDS.

BACKFILL REQUIREMENTS NVE STD. RT-1, RT-1.1,

TRENCH DEPTH REQUIREMENTS NVE, STD. RT-5.

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 _____

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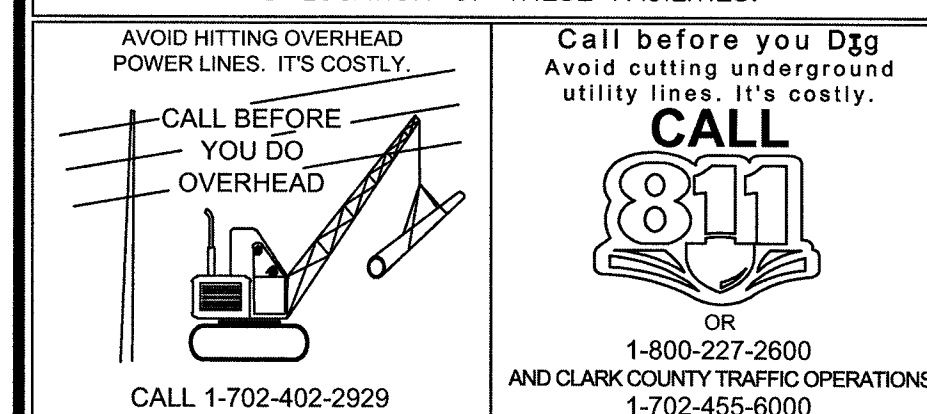
APPROVED FOR CONSTRUCTION

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REVISIONS			
NO.	DESCRIPTION	DATE	G.A.
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PROJECT PURPOSE:

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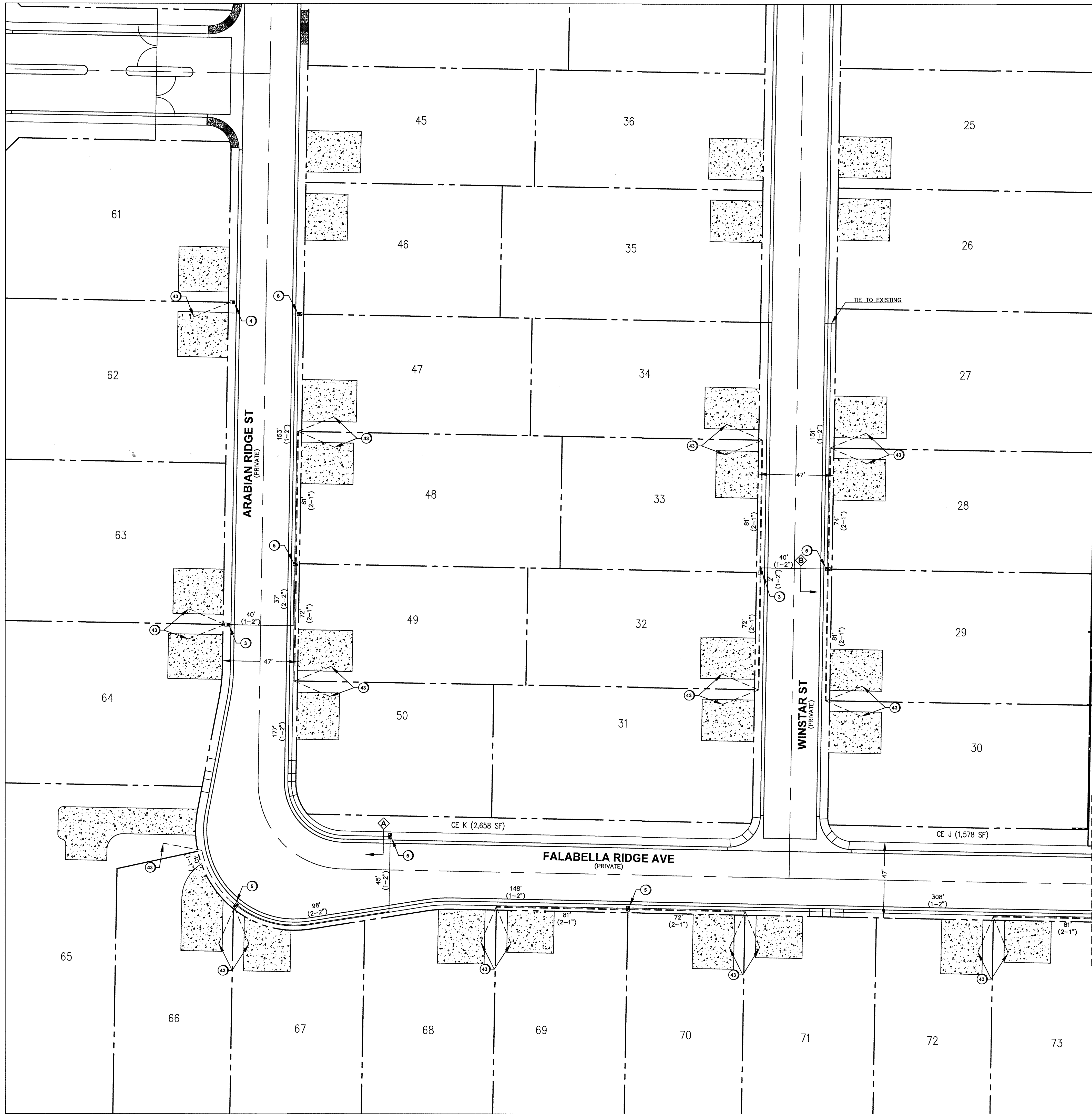
NVEnergy_INFORMATION:
COORDINATOR: SANTIAGO_CHERI
PHONE: (702)622-4365
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ELKHORN 40 PHASE 2
ELKHORN / TENAYA

PROJ. ID: 3002043412	SCALE: 1" = 30'
SHEET # 4 OF 4	DATE: 11/16/2017



MATCHLINE "A" SEE SHEET 2 OF 2



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")
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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	
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 BEFORE YOU DIG OR 1-800-227-2600 UNDERGROUND SERVICE (USA)	 BEFORE YOU UNDERGROUND 1-702-455-7511 CLARK COUNTY TRAFFIC OPERATIONS 1-702-432-5300 LAS VEGAS AREA COMPUTERIZED SYSTEM
 BEFORE YOU OVERHEAD 1-702-227-2929 NEVADA POWER ENVIRONMENT AND SAFETY SERVICE DEPARTMENT	
TOTAL BORE	—
TOTAL DIRT TRENCH	—
TOTAL ASPHALT TRENCH	—
TOTAL TRENCH	—
SIDEWALK REMOVAL/REPAIR	—
TOTAL S/W PANELS	—
TOTAL LINEAR FOOTAGE	—

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

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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

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43 1in CONDUIT LATERAL

44

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REVISIONS

REV	DESCRIPTION	DATE	BY
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APPROVED FOR CONSTRUCTION

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

APPROVAL: DATE: 6/21/18

PERMIT # 40505180000139624

DRAWN BY: WTG

DATE: 3-9-18

SCALE: 1:30

NODE: N/A

DESIGNED BY: TRUENET

TECH # 702-210-9023

APPROVED BY: DAVID TUIT

CITY OF LAS VEGAS

333 N. RANCHO DRIVE

LAS VEGAS, NEVADA 89106

(702) 229-6885

COX

1700 VEGAS DRIVE

LAS VEGAS, NEVADA 89106

PHONE: (702) 545-1606

FAX: (702) 545-2606

PROJECT LOCATION: ELKHORN 40 PHASE 2

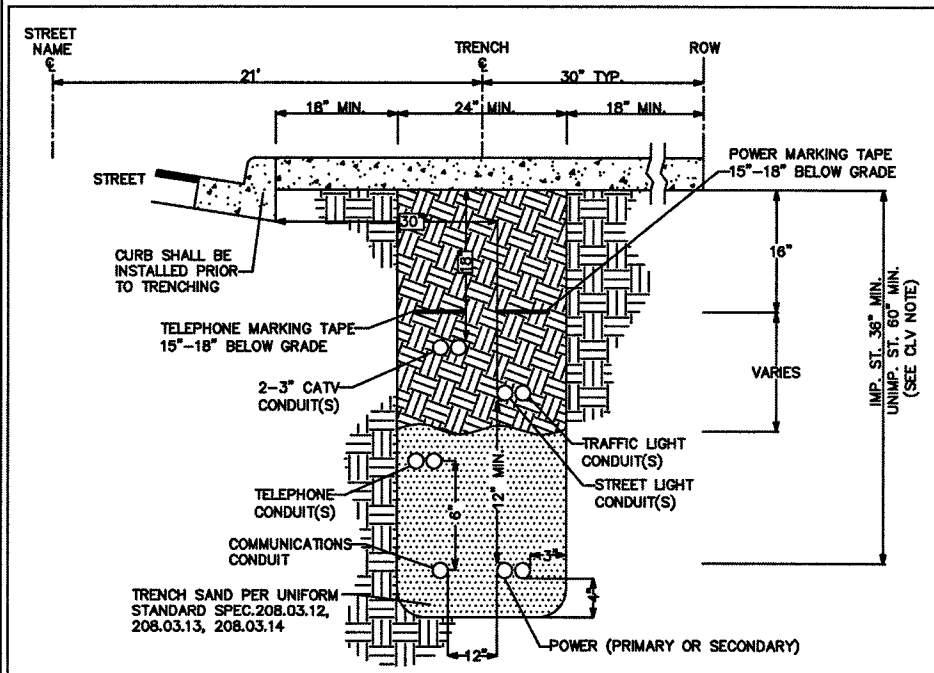
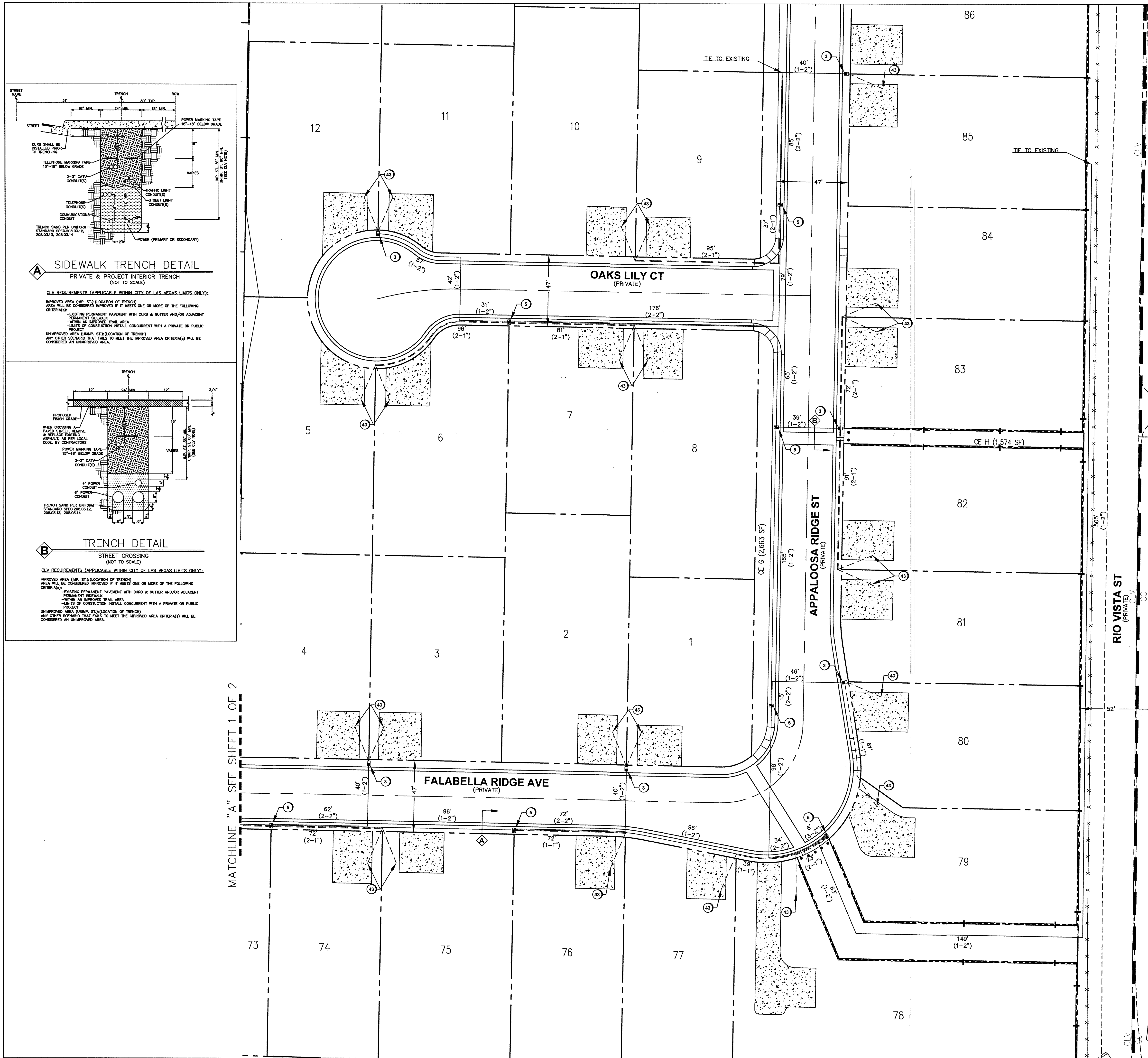
SUB-CONTRACTOR: ELKHORN RD & N TENAYA WAY

ENTITY NOTES: TBD

SHEET No: 1

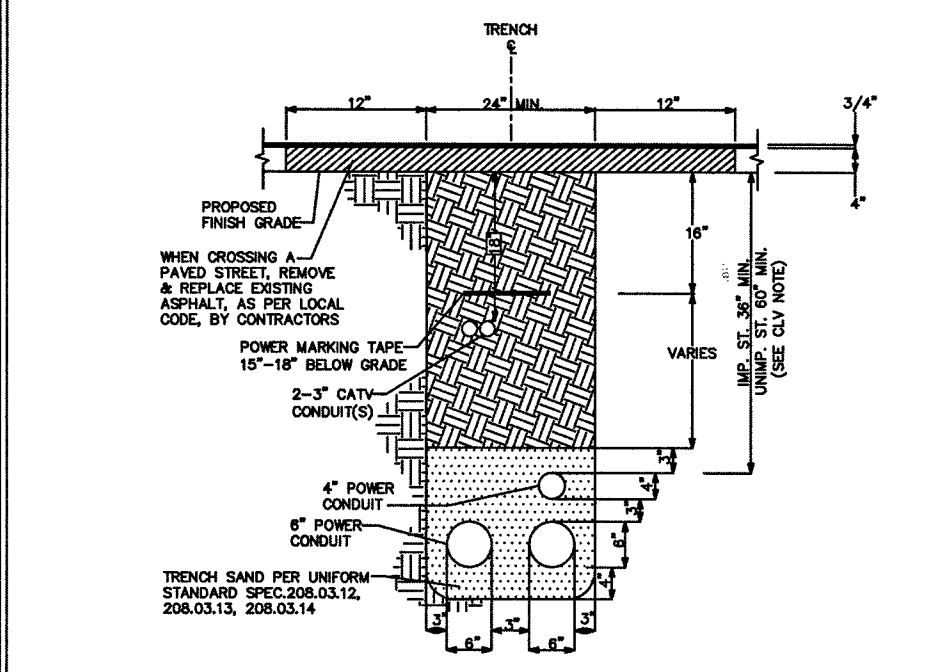
SHEET 1 OF 2

L17-01163 6/21/18



A SIDEWALK TRENCH DETAIL
PRIVATE & PROJECT INTERIOR TRENCH
(NOT TO SCALE)

CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):
IMPROVED AREA (IMP. ST.) LOCATION OF TRENCH
AREA WILL BE CONSIDERED IMPROVED IF IT MEETS ONE OR MORE OF THE FOLLOWING
CRITERIA(A):
-EXISTING PERMANENT PAVEMENT WITH CURB & GUTTER AND/OR ADJACENT
PERMANENT SIDEWALK
-WITHIN AN IMPROVED TRAIL AREA
-LIMITS OF CONSTRUCTION INSTALL CONCURRENT WITH A PRIVATE OR PUBLIC
PROJECT
UNIMPROVED AREA (UNIMP. ST.) LOCATION OF TRENCH
ANY OTHER SCENARIO THAT FAILS TO MEET THE IMPROVED AREA CRITERIA(A) WILL BE
CONSIDERED AN UNIMPROVED AREA.



B TRENCH DETAIL
STREET CROSSING
(NOT TO SCALE)

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-LIMITS OF CONSTRUCTION INSTALL CONCURRENT WITH A PRIVATE OR PUBLIC
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21	—OHC— PROPOSED OVERHEAD FIBER OPTIC CABLE OR COAX INSTALL
22	—XOHC— EXISTING OVERHEAD FIBER OPTIC CABLE OR COAX
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AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

CALL 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

CITY OF LAS VEGAS

333 N. RANCHO DRIVE

LAS VEGAS, NEVADA 89106

(702) 229-6885

PROJECT LOCATION:

ELKHORN 40 PHASE 2

ELKHORN RD & N TENAYA WAY

SHEET No:

2

SHEET 2 OF 2

(T19S R60E)

VICINITY MAP (NOT TO SCALE)

REVISIONS

REV	DESCRIPTION	DATE	BY
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APPROVED FOR CONSTRUCTION

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

APPROVAL _____ **DATE** _____

PERMIT # 40505180000139624

DRAWN BY: WTB

DATE: 3-9-18

SCALE: 1:30

NODE: N/A

DESIGNED BY: TRUENET

TECH # 702-210-9023

APPROVED BY: DAVID TUIT

CITY OF LAS VEGAS

333 N. RANCHO DRIVE

LAS VEGAS, NEVADA 89106

(702) 229-6885

PROJECT LOCATION:

ELKHORN 40 PHASE 2

ELKHORN RD & N TENAYA WAY

SHEET No:

2

SHEET 2 OF 2

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-ENFORCIBLE 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.

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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.

[Signature]

6/21/18

CITY OF LAS VEGAS APPROVAL

DATE

L17-01163-0001

107Y5059-2-07

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

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)

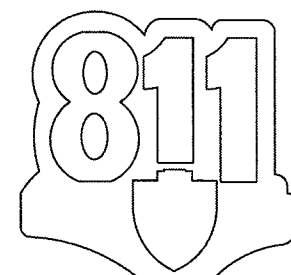
*CENTURYLINK INSPECTOR WILL
VERIFY COUNTY PERMIT FOR
WORK DONE WITHIN
CITY OF LAS VEGAS RIGHT-OF-WAY

INSPECTOR:

DATE:

AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

CALL



OR
1-800-227-2600

PROJECT NAME:

ELKHORN 40 PHASE 2

ELKHORN RD / TENAYA WAY

COVER SHEET for
RESIDENTIAL TRENCH & SUBSTRUCTURE
COPPER DESIGN SUBDIVISION
CLARK COUNTY AREAS

W.O.

N.333281

ENGINEER:

LORI JOHNSON

DATE:

6/19/2018



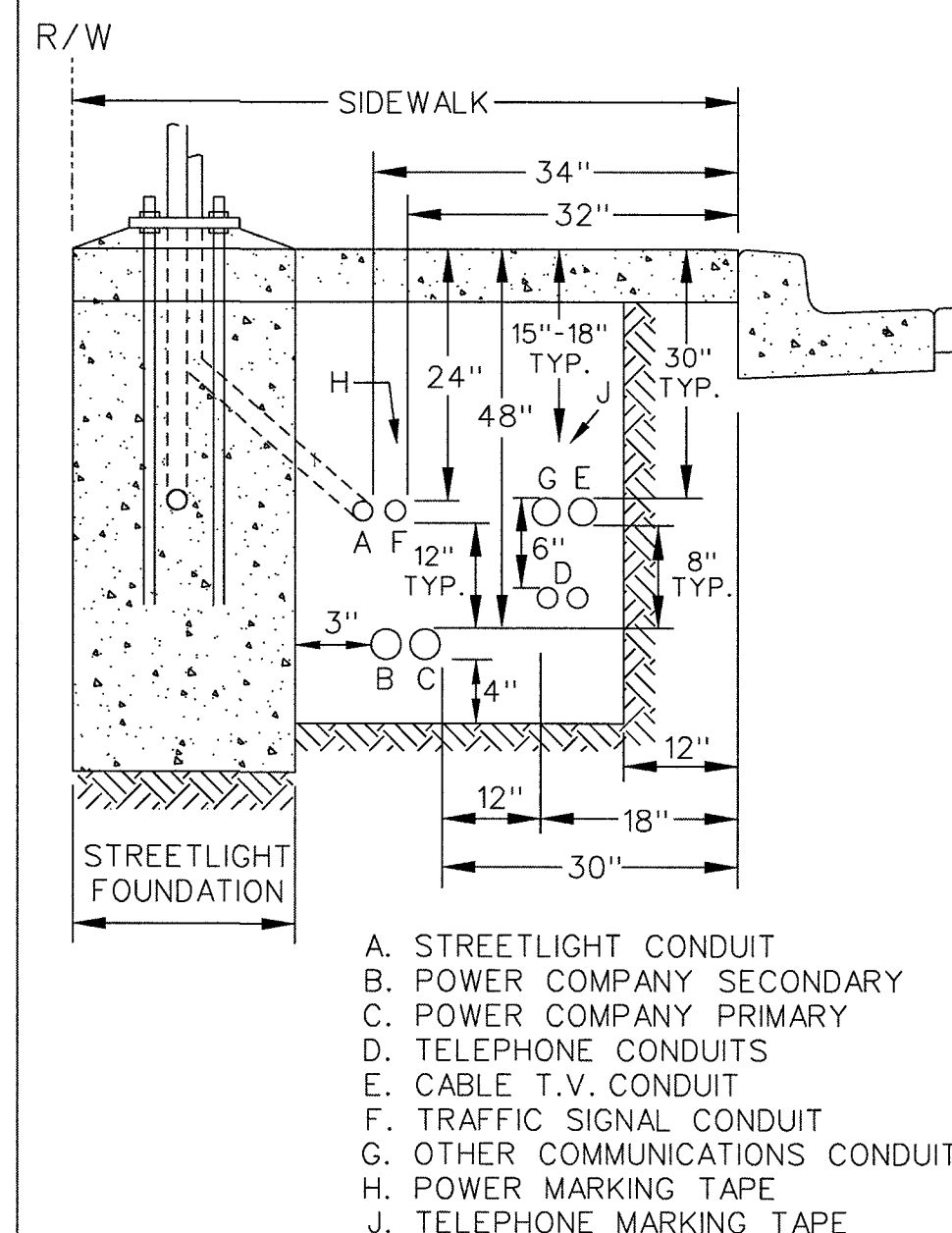
SHT. NO.

1 of 2

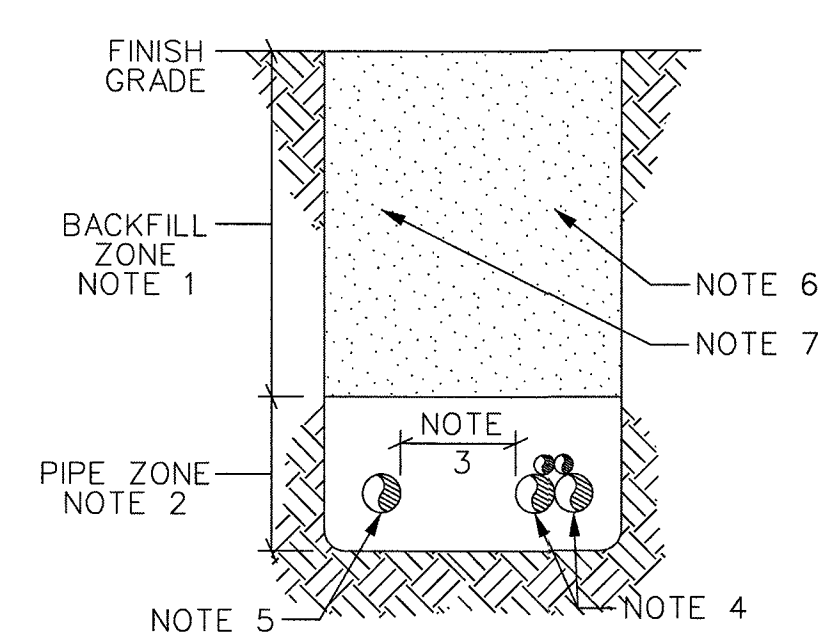
RTC SOUTHERN NEVADA NOTES:

- 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

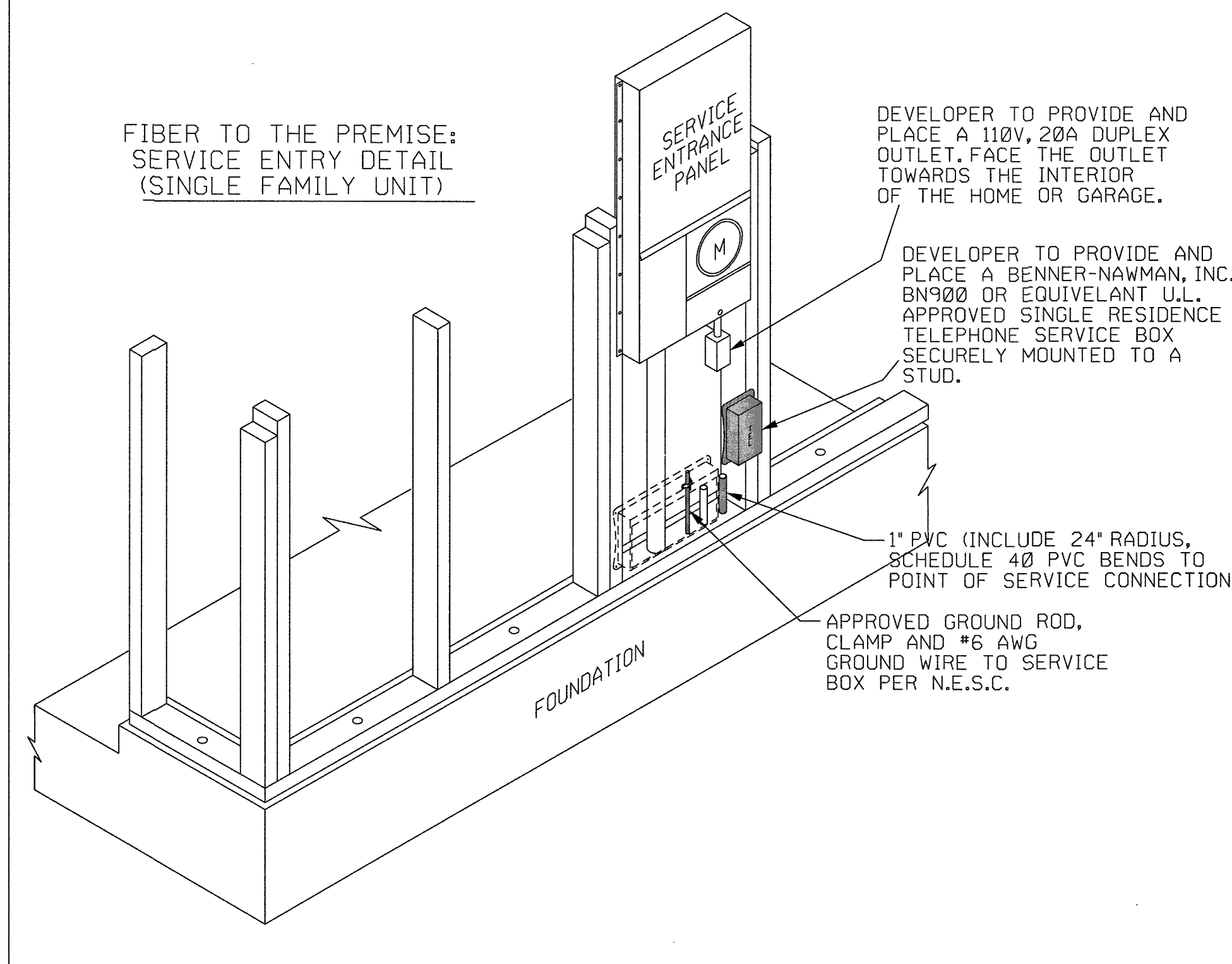


PIPE ZONE REQUIREMENTS



- 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)

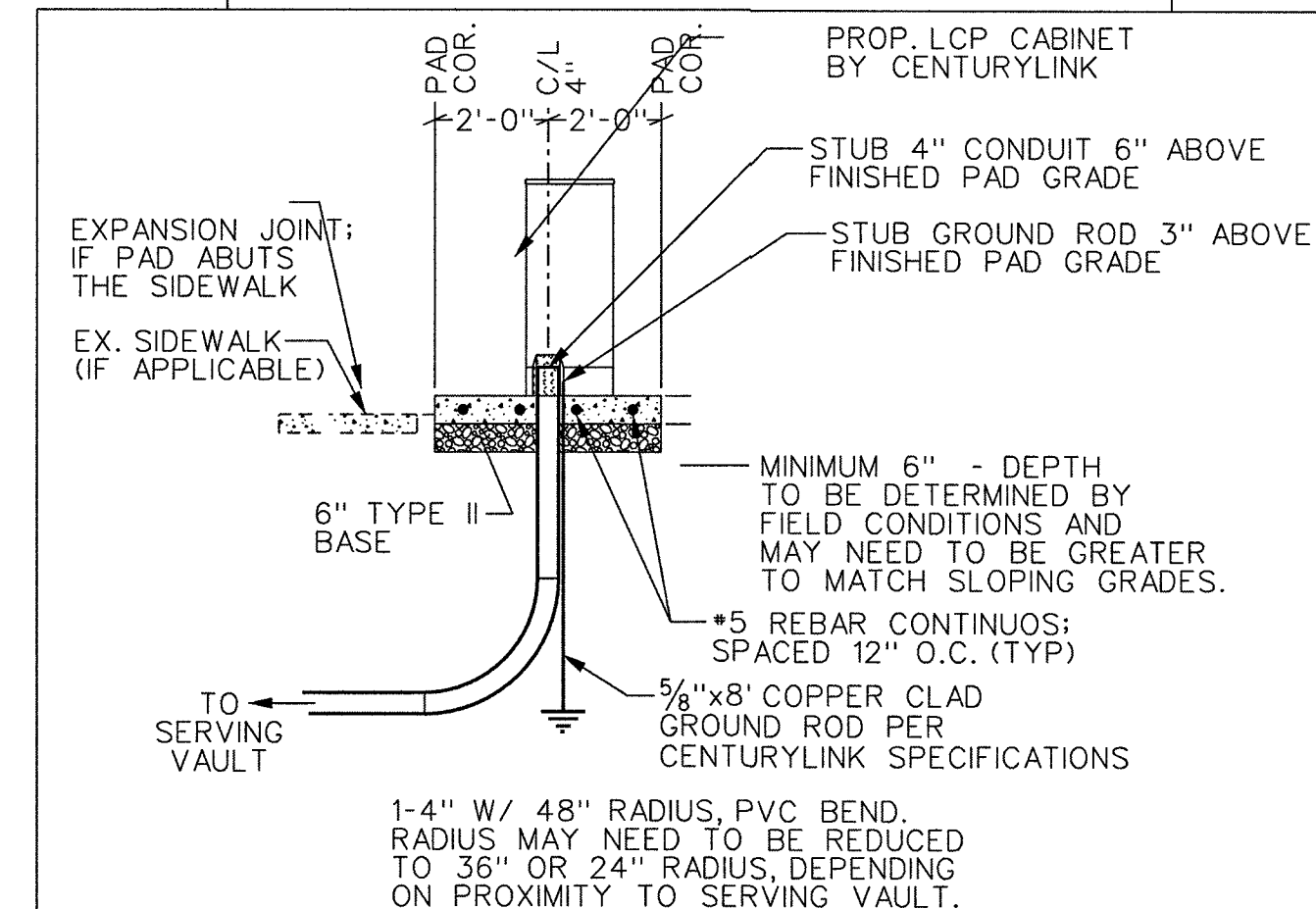


T & S LEGEND

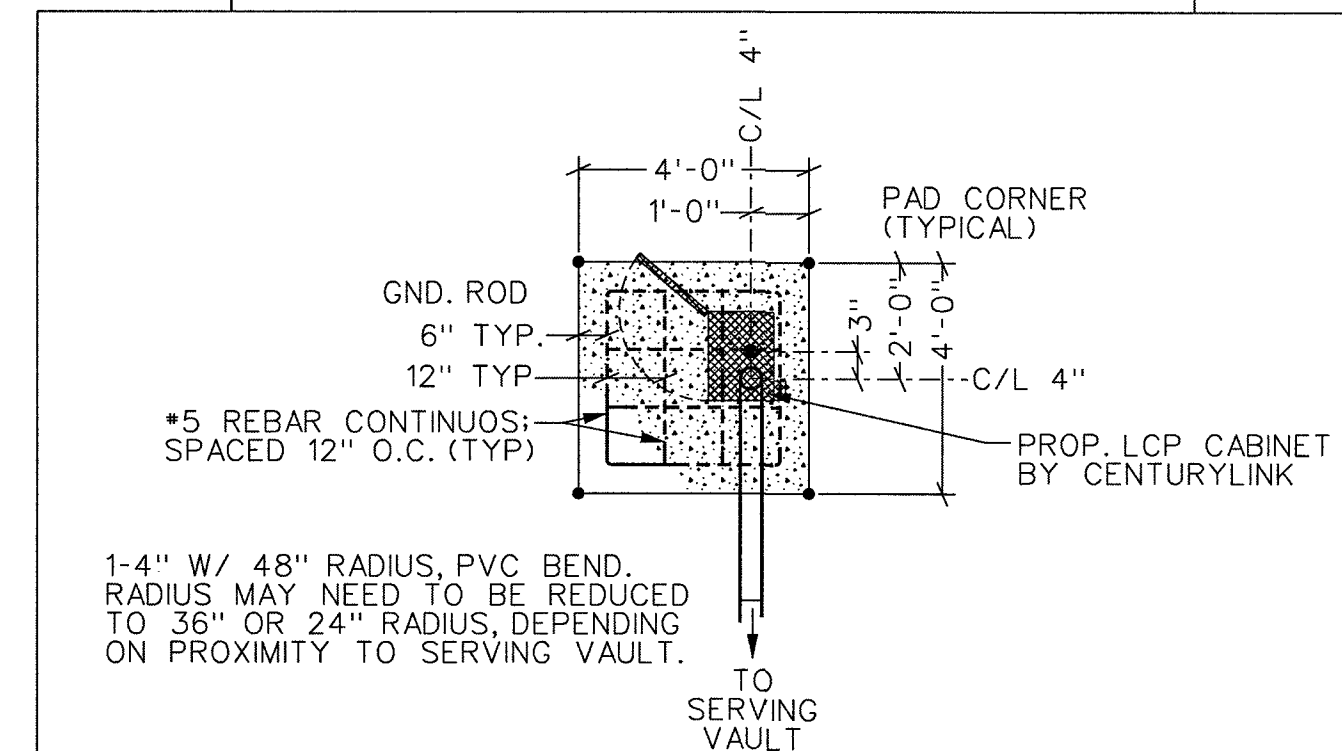
EXISTING PROPOSED

- 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)
- 90° RADIAL BENDS: 24" RADIUS FOR 1", 36" RADIUS FOR 2", 48" RADIUS FOR 3" & 4" SCHEDULE 40 PVC (TYPICAL) OR RIGID GALVANIZED STEEL WITH DOUBLE-WRAPPED 10 MIL. CORROSION PROTECTION TAPE. (AS SHOWN)
- TERMINAL CABINET 48" X 48" X 6" or 8"
- TERMINAL CABINET 36" X 36" X 6" or 8"
- UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT WITH A NON-LOCKING, SIDE-HINGED DOOR, EQUIPPED INSIDE WITH A 3/4" 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
- 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' (i.e. 2' X 2' & 4' X 4') SHOULD BE MOUNTED 40" ABOVE THE FLOOR.

PROFILE VIEW - 4'x4'x6" LCP PAD



PLAN VIEW - 4'x4'x6" LCP PAD N.T.S.



6/21/18

L17-01163-0001

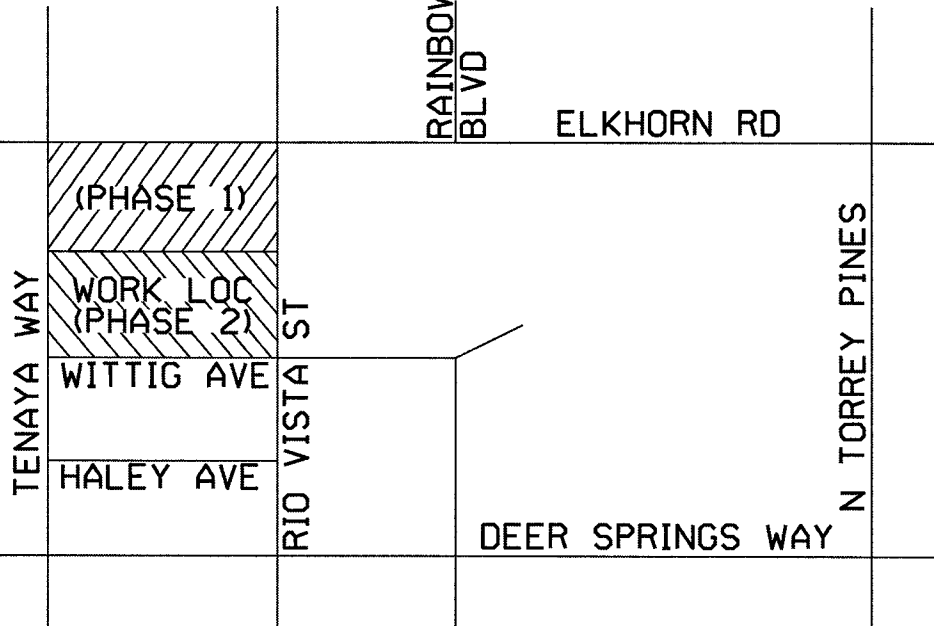
CONSTRUCTION NOTE
SOLE TRENCH IS TO BE PAID
FOR BY THE DEVELOPER PER
NEVADA STATE STATUE 704A.490

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

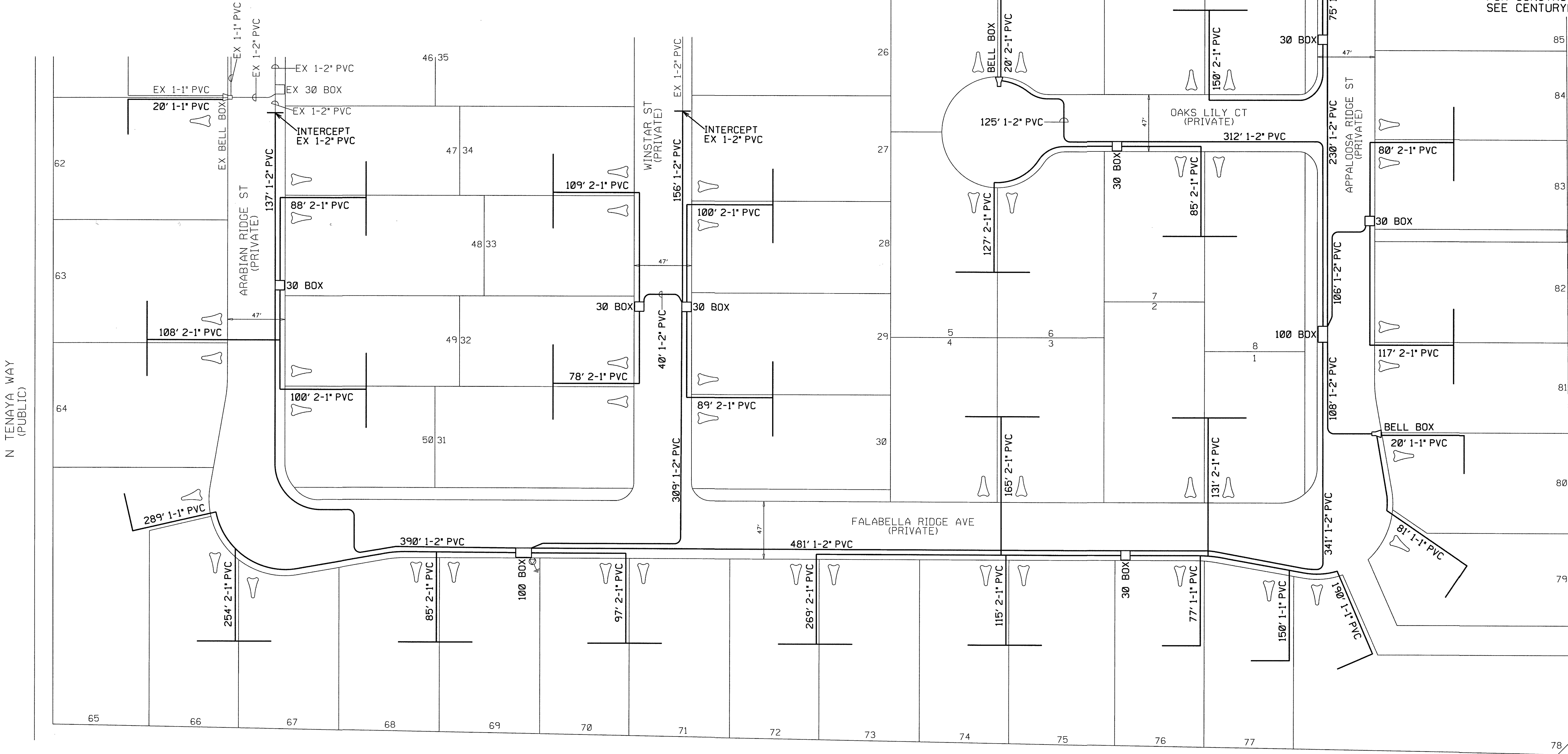
NOTE:
DO NOT START ANY WORK ON THIS PROJECT UNTIL YOUR PROPOSAL
HAS BEEN SUBMITTED AND ACCEPTED BY CENTURYLINK.



VICINITY MAP

CONTACT: D.R. HORTON, INC.
CONTACT NAME: DAVE VON-OY - 702-379-7577
NUMBER OF UNITS: 48

FOR CONSTRUCTION SPECIFICATIONS
SEE CENTURYLINK SPECS



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



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

CENTURYLINK
PROPRIETARY
CONSTRUCTION PERMIT REQUIRED
BY CONTRACTOR



NO.	REVISION	ENGR.	MGR.	DATE:
1	STREET NAME CHANGE	L. JOHNSON	D.HOWARD	6/19/2018
2				

TITLE	ELKHORN 40 PHASE 2	ENG:	LORI JOHNSON	W.O.	N.333281
	T&S DESIGN	PHONE	702-244-7899	C.O.	LSVGNVXU
LOC.	ELKHORN RD / TENAYA WAY	APV'D. BY	D. HOWARD	ISSUE DATE	6/19/18
		SCALE	1" = 50'	SHT. NO.	2 of 2