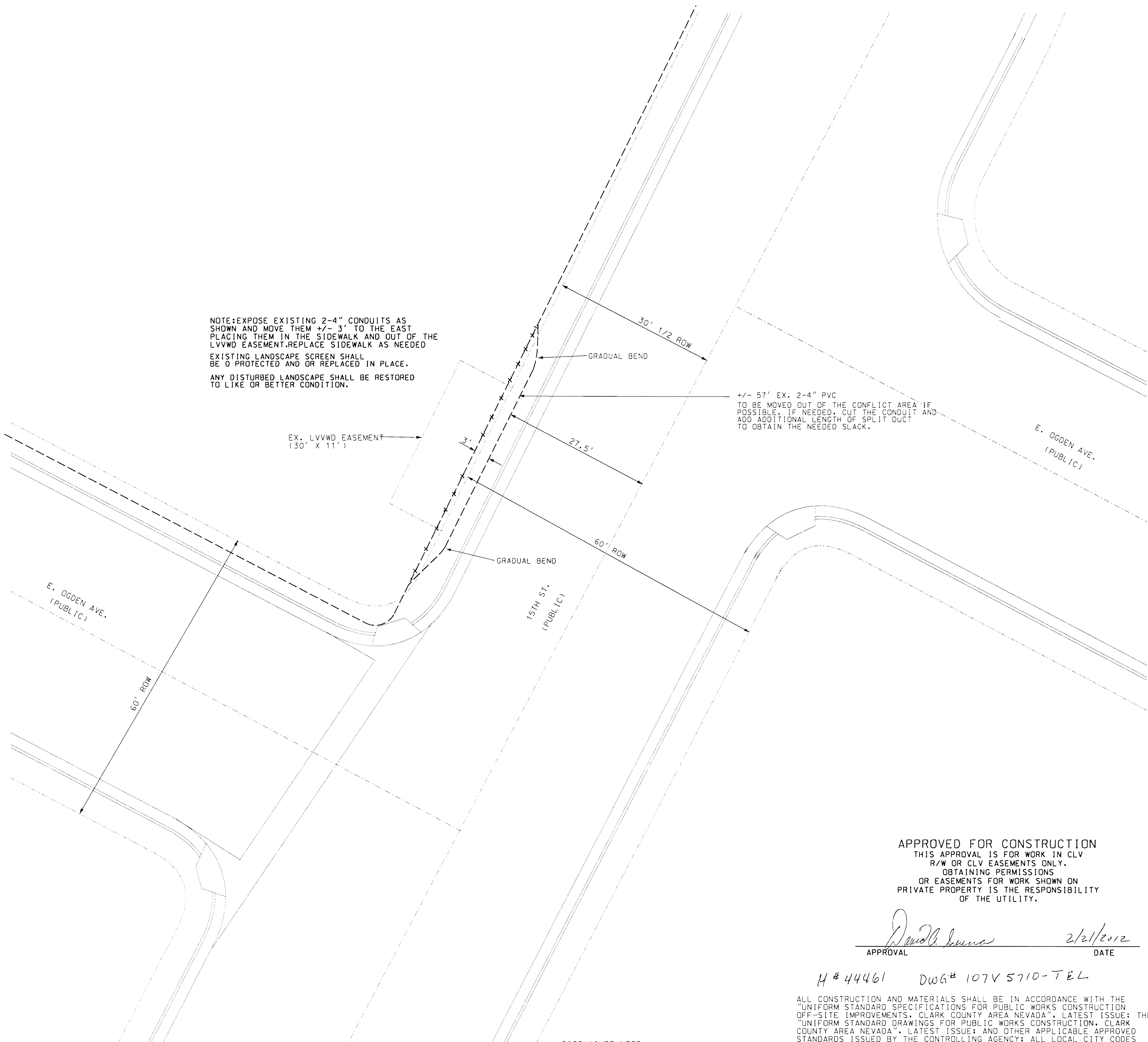




NOTE: EXPOSE EXISTING 2-4" CONDUITS AS SHOWN AND MOVE THEM +/- 3' TO THE EAST PLACING THEM IN THE SIDEWALK AND OUT OF THE LVVWD EASEMENT. REPLACE SIDEWALK AS NEEDED. EXISTING LANDSCAPE SCREEN SHALL BE 0 PROTECTED AND OR REPLACED IN PLACE. ANY DISTURBED LANDSCAPE SHALL BE RESTORED TO LIKE OR BETTER CONDITION.

+/- 57' EX. 2-4" PVC TO BE MOVED OUT OF THE CONFLICT AREA IF POSSIBLE. IF NEEDED, CUT THE CONDUIT AND ADD ADDITIONAL LENGTH OF SPLIT DUCT TO OBTAIN THE NEEDED SLACK.

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

APPROVAL: *[Signature]* DATE: 2/21/2012

H# 44461 DWG# 107V5710-TEL

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.

DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. CENTURYLINK ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

THIS DOCUMENT INCLUDES CENTURYLINK PROPRIETARY AND CONFIDENTIAL INFORMATION AND IS PROTECTED BY U.S. COPYRIGHT AND TRADEMARK LAWS. COPYING AND DISTRIBUTION OF THIS DOCUMENT, AS WELL AS DISCLOSURE TO THIRD PARTIES OF ANY INFORMATION CONTAINED HEREIN, ARE STRICTLY PROHIBITED.

LEGEND

— PROPOSED CONDUIT
--- EXISTING CONDUIT

MANHOLE (SEE DRAWING FOR SIZE)

400 PULL BOX
3'-0" x 5'-0" x 4'-0"

200 PULL BOX
2'-6" x 4'-0" x 4'-0"

30 PULL BOX
17" x 30" x 30"

16 HAND HOLE
9" x 14"

TELEPHONE TERMINAL CABINET
48" x 48" x 6"
(100 PARS)

TELEPHONE TERMINAL CABINET
36" x 36" x 6"
(25 to 50 PARS)

3/4" PLYWOOD BACKBOARD

6 GROUND WIRE

P.V.C. - D.B. (DIRECT BURIAL) GRADE
D.B. 60 FOR 1", 2", & 3"
D.B. 100 FOR 4"
90° SWEEPS - 36" RADIUS FOR 1", 2", & 3"
48" RADIUS FOR 4"
SCHEDULE 40 PVC (TYPICAL) OR
RIGID GALVANIZED STEEL WITH
DOUBLE-WRAPPED TO MIL.
CORROSION PROTECTION TAPE.
(AS SHOWN)

MANHOLE (SEE DRAWING FOR SIZE)

TELEPHONE PULL BOX WITH TWO (2) HINGED
ALUMINUM TORSION-ASSISTED TRAFFIC RATED
100 MARKED TELECO. GALVANIZED STEEL
ADJUSTING FRAME AND 4-18 HOLE CABLE
RACKS (2 EA. SIDE)

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, TEXTURED IN CABINET)
SECURED WITH RECESSED MOUNTING HARDWARE AND
A #6 GROUND WIRE CONNECTED TO AN APPROVED
GROUND SOURCE (SEE GROUND NOTE BELOW).

TELEPHONE TERMINAL BACKBOARD (T.T.B.) -
TREATED WITH FIRE RETARDANT PAINT OR
SEALER. BACKBOARDS SMALLER THAN 4' x 8'
(i.e. 2' x 2' & 4' x 4') SHOULD BE MOUNTED
40" ABOVE THE FLOOR.

CONNECT TO THE APPROVED COMMUNICATION
GROUNDING SOURCE AS DETERMINED BY THE
ELECTRICAL ENGINEER FOR THIS BUILDING OR
DEVELOPMENT.

VICINITY MAP
T 20S R 61E SEC: 35

POLYETHYLENE DUCT PLUG(S)

SELECT BACKFILL

FINISHED GRADE

CENTURYLINK MARKING TAPE

PVC CONDUIT

TRENCH SAND OR CONCRETE
AS SPECIFIED PER JOB DRAWING.

CENTURYLINK owned conduit
2-4" Rigid Galvanized Steel, 48" radius
riser. Ducts with 1/8" thick walls, 10 mil
corrosion protective tape or 2-4"
SCH. 40 PVC conduit, (58a p10n for type)

RISER DETAIL
(TYPICAL)

CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE CENTURYLINK UNDERGROUND SPECIFICATIONS.
- ALL CONDUIT, TRENCHING, BACKFILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH CENTURYLINK STANDARDS UNLESS OTHERWISE SPECIFIED.
- TRENCHING AND TELEPHONE SUBSTRUCTURES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 36" OF COVER OVER UNDERGROUND TELEPHONE FACILITIES AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. NEW AND EXISTING BOXES WILL BE ESTABLISHED TO FINISHED GRADE.
- ALL PULL BOXES (2'-6" x 4'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDED WITH A 3/8" x 1/8" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3' ENDS STUBBED INSIDE.
- WHEN EXISTING TELEPHONE FACILITIES (i.e. POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, etc.) ARE AFFECTED BY IMPROVEMENTS (REQUIRED BY LOCAL ORDINANCE SUCH AS STREET LIGHTS, SIDEWALK, CUTTERS, etc.) THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
- PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF A 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 1/32" INCH JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH.
- THE CONTRACTOR SHALL PROVE AND MANORREL ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANORREL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
- IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THE CONDUIT RECOMMENDATION NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEERING APPROVAL.
- CONCRETE ENCASEMENT SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASEMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
- ALL TERMINALS, BACKBOARDS, CABINETS, ETC. SHALL BE EQUIPPED WITH A #6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
- A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
- PROTECTIVE POSTS SHALL BE 4" RIGID STEEL PIPE, SIX FEET IN LENGTH, FILLED AND SET IN CONCRETE AT LOCATIONS SHOWN. THE TOP OF THE PROTECTIVE POST SHALL BE 36 INCHES ABOVE THE PROPOSED FINISHED GRADE AND PAINTED WITH YELLOW STREET MARKING PAINT.
- IF EXISTING TERMINATORS ARE NOT UTILIZED TO JOIN SUBSTRUCTURES, CALL 244-7811 FOR CENTURYLINK INSPECTOR, 24 HOURS PRIOR TO PENETRATING ANY CENTURYLINK MANHOLE OR PULL BOX. THE ENTRANCE LOCATION IS VERY CRITICAL AND WILL BE DETERMINED AT THIS TIME. CORE DRILLING AND PROPER GROUTING IS MANDATORY. ENTERING THE SIDE OF A CENTURYLINK MANHOLE OR PULL BOX IS NOT PERMITTED UNLESS APPROVED BY CENTURYLINK.
- ALL TELEPHONE BOXES WILL BE REQUIRED TO HAVE AN 8" x 8" CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK STANDARDS, EXCEPT WHEN BOXES ARE TO BE LOCATED IN A CONCRETE SIDEWALK AREA.
- CENTURYLINK WILL REQUIRE "AS-BUILT" FOOTAGES PRIOR TO ORDERING CABLE TO SERVE THIS DEVELOPMENT. THESE FOOTAGES MUST BE RECEIVED SIX WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
- CALL 244-7811 TO SCHEDULE CENTURYLINK INSPECTION 24 HOURS PRIOR TO STARTING ANY WORK.

OFFSITE TRENCH DETAIL

SIDEWALK AREA

TERRA-TAPE

CABLE TV

TELEPHONE

POWER

ONSITE TRENCH DETAIL

FINISHED GRADE

18" MIN. TO EDGE OF WATER TRENCH

36" MIN. TO EDGE OF WATER TRENCH

30" MIN. TO EDGE OF WATER TRENCH

36" MIN. TO EDGE OF WATER TRENCH

48" MIN. TO EDGE OF WATER TRENCH

APPROVED SAND 4" BELOW 8" ABOVE CONDUIT COMPACTED TO 90% RELATIVE DENSITY

CONTRACTOR / DEVELOPER NOTE

- THE DEVELOPER/CONTRACTOR SHALL CALL 244-7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.
- ANY MODIFICATIONS TO THE CENTURYLINK DESIGN MUST BE APPROVED BY THE ENGINEER.
- THESE PLANS WILL BE VALID FOR SIX MONTHS FROM DATE OF ISSUE.

EASEMENT / PERMIT CERTIFICATION EASEMENT / PERMIT REQUIRED: YES ☒ NO ☐ EASEMENT / PERMIT OBTAINED: YES ☐ NO ☒ DATE EASEMENT / PERMIT OBTAINED: _____ ROW ENGINEER SIGNATURE: _____ CENTURYLINK EASEMENT/PERMIT NUMBER: _____ REMARKS: _____	CITY OF LAS VEGAS 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 INSPECTOR: _____ DATE: _____	OWNER/CONTACT: SCOTT GIFFORD TELEPHONE: 702-244-7290 _____ FACILITY ENGINEER: 2/21/12
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NO.	REVISION	ENGR.	MGR.	DATE
1				
2				
3				

811

Know what's below.
Call before you dig.

CENTURYLINK

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

TITLE	UNDERGROUND CONDUIT	DATE	2/21/2012
PROJECT	244-7290	DATE	2/21/2012
FOR	15TH & OGDEN CONDUIT RELOC.	DATE	02/03/12
SCALE	1" = 10'	DATE	02/03/12
SHEET NO.	1 of 1	DATE	02/03/12