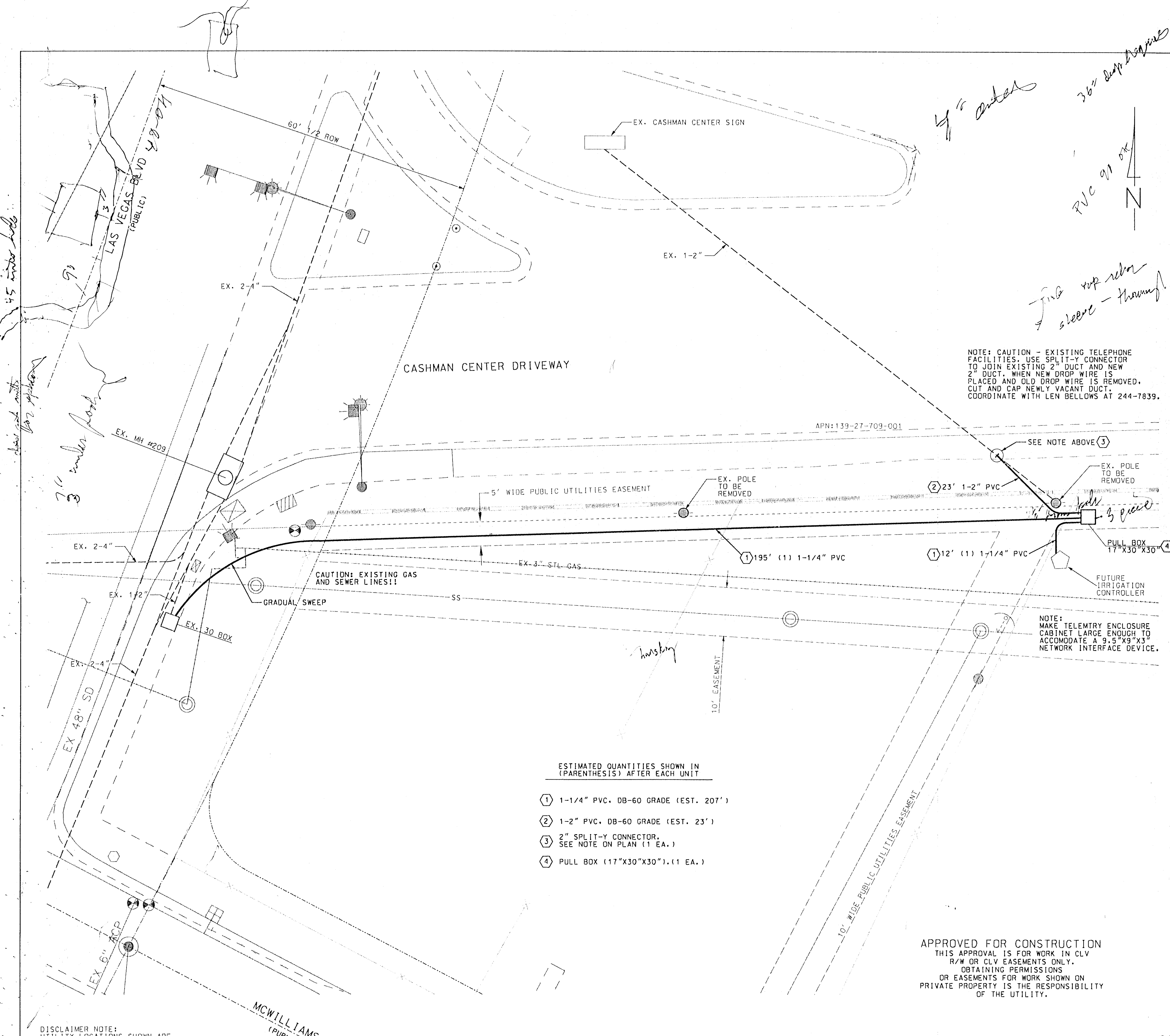


"As-Built"



LEGEND

— PROPOSED CONDUIT
--- EXISTING CONDUIT

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
DOUBLES WELDED TO MEET
CORROSION PROTECTION TAPE.
(AS SHOWN)

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"

18 HAND HOLE
9" x 14"

TELEPHONE TERMINAL CABINET
48" x 48" x 8"
(100 PAIR)

TELEPHONE TERMINAL CABINET
36" x 36" x 6"
(25 TO 50 PAIR)

1/4" PLYWOOD BACKBOARD

• 8 GROUND WIRE

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

UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT
A NON-LOOKING, SLOPE-HINGED DOOR, EQUIPPED
INSIDE WITH A 1/2" PLYWOOD BACKBOARD (1")
SECURED WITH RECESSED MOUNTING HARDWARE AND
A # 8 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'
(e.g. 2' x 2' & 4' x 4') SHOULD BE MOUNTED
40" ABOVE THE FLOOR.

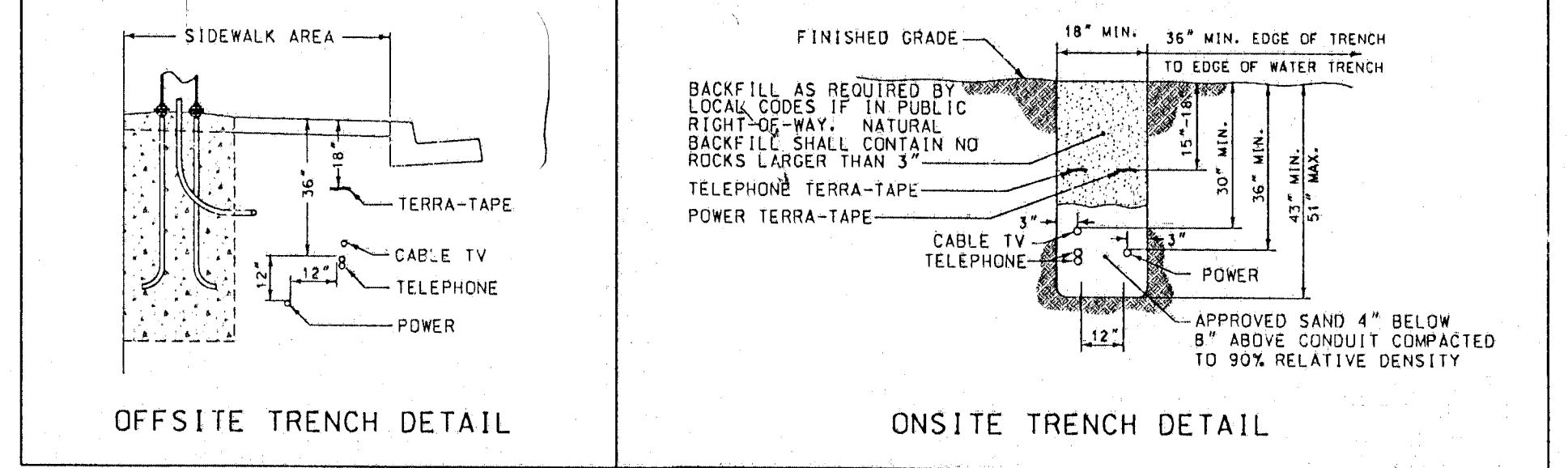
CONNECT TO THE: APPROVED COMMUNICATION
GROUNDING SOURCE AS DETERMINED BY THE
ELECTRICAL ENGINEER FOR THIS BUILDING OR
DEVELOPMENT.

VICINITY MAP
T 20S R 61E SEC: 27
POLYETHYLENE DUCT PLUG(S)

RISER DETAIL
(TYPICAL)

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 boxes with double wrapped, 10 mil
corrosion protective tape or 2-4"
Sch. 40 PVC conduit. (See plan for type)

- CONSTRUCTION NOTES**
1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE CENTURYLINK UNDERGROUND SPECIFICATIONS.
 2. ALL CONDUIT, TRENCHING, BACKFILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH CENTURYLINK STANDARDS UNLESS OTHERWISE SPECIFIED.
 3. 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.
 4. ALL PULL BOXES (2'-6" x 4'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDING 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.
 5. WHEN EXISTING TELEPHONE FACILITIES (e.g. POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, etc.) ARE AFFECTED BY IMPROVEMENTS (REQUIRED BY LOCAL ORDINANCE SUCH AS STREET LIGHTS, SIDEWALK, GUTTERS, etc.) THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
 6. PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
 7. 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 1/2" INCH JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH.
 8. THE CONTRACTOR SHALL PROVE AND MANDEL ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANDEL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
 9. 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.
 10. CONCRETE ENCASUREMENT SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASUREMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
 11. ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A # 8 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE. A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
 12. 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.
 13. 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.
 14. 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.
 15. 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.
 16. CALL 244-7811 TO SCHEDULE CENTURYLINK INSPECTION 24 HOURS PRIOR TO STARTING ANY WORK.



CONTRACTOR // DEVELOPER NOTE

1. 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.
2. ANY MODIFICATIONS TO THE CENTURYLINK DESIGN MUST BE APPROVED BY THE ENGINEER.
3. 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 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 INSPECTOR: _____ DATE: _____	OWNER/CONTACT: GINA VENGLASS / CLV TELEPHONE: 229-6790 Reviewed by Facility Engineer: <i>Len Bellows</i> 9/17/2010 DATE
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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 _____ DATE _____

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CENTURYLINK PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

CenturyLink

NO.	REVISION	ENGR. MGR.	DATE
1			
2			
3			

FILE: UNDERGROUND CONDUIT
PROJECT: S. PEREZ
DATE: 06/17/10
REQUIREMENT FOR: 244-1352
MAIN
NEDDY BONEYARD ADDITIONS
DATE: 06/17/10
LAS VEGAS BD & CASHMAN CENTER
SCALE: 1" = 10'
SHEET: 1 OF 1

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.

2013/27