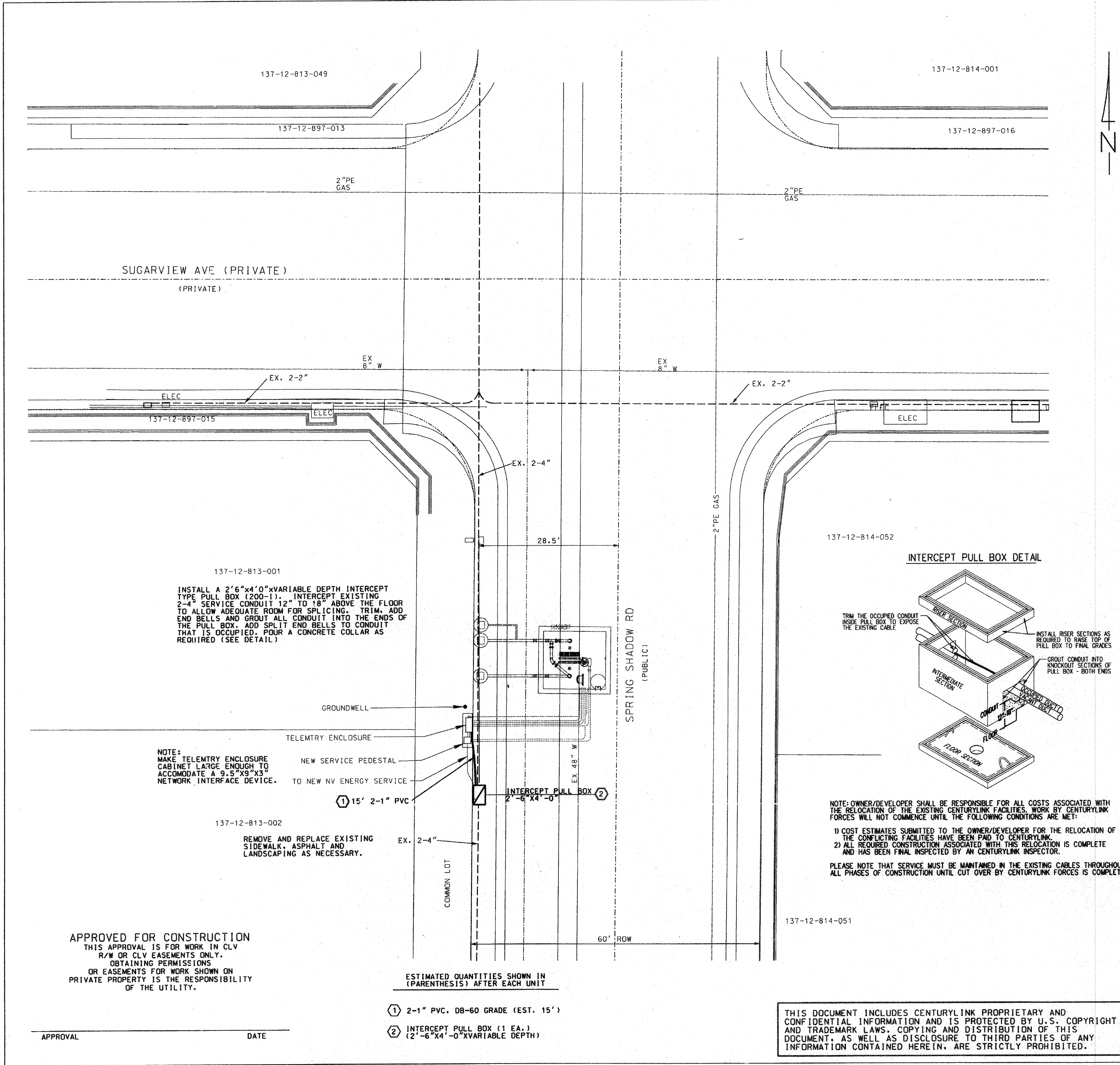




LEGEND

— 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"

3/4 PULL BOX
17" x 30" x 30"

18 HAND HOLE
8" x 14"

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

TELEPHONE TERMINAL CABINET
36" x 36" x 6" (25 x 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 10 MIL
CORROSION PROTECTION TAPE
(AS SHOWN)

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

UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT
WITH A NON-SLIPPING, SIDE-HINGED DOOR, EQUIPPED
INSIDE WITH A 3/4" PLYWOOD BACKBOARD (IF
SMALLER ON ALL SIDES, CENTERED 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"
(6" x 2" x 8" 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 59E SEC: 12

POLYETHYLENE DUCT PLUG(S)

SELECT BACKFILL

FINISHED GRADE

CENTURYLINK MARKING TAPE

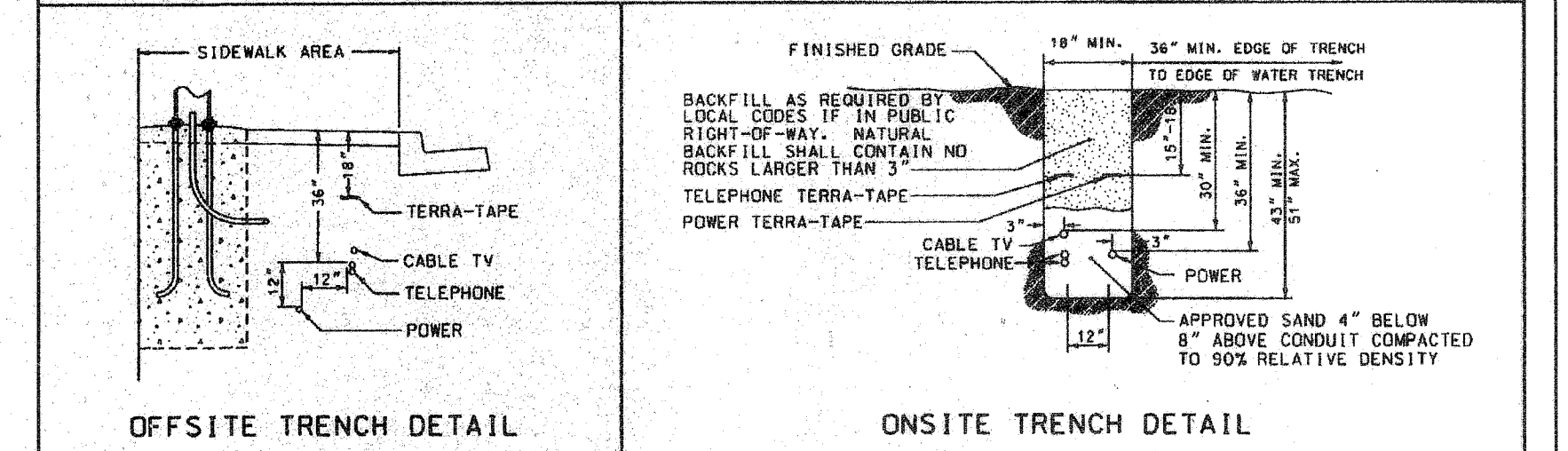
PVC CONDUIT

TRENCH SAND OR CONCRETE
AS SPECIFIED PER JOB DRAWING.

CENTURYLINK owned conduit
2-4" rigid galvanized steel, 48" radius
1/2" thick with double wrap, 10 mil
corrosion protective type of 2-4"
Sch. 40 PVC conduit. (See plan for type)

RISER DETAIL
(TYPICAL)

- 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 3/4" x 1/4" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3" ENDS STUBBED INSIDE.
 5. 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, 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 IN 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 MANOEUVRE ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANOEUVER 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 #6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
 12. A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
 13. 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.
 14. IF EXISTING TERMINALS 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.
 15. 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.
 16. 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.
 17. 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 FOR
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: GARY HALE @ LVVWD
TELEPHONE: 875-7059

REVIEWED BY: _____ DATE: 11/4/10
REVIEWED BY: _____ DATE: _____

CENTURYLINK PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

811
Know what's below.
Call before you dig.

ORIGINAL REF. NO. 24205922

NO.	REVISION	ENGR.	MGR.	DATE
1				
2				
3				

UNDERGROUND CONDUIT
REQUIREMENT FOR:
S. PEREZ E. 471448
244-1352 WEST WEST
LVVWD SPRING SHADOW
S. GIFFORD 01/14/10
SPRING SHADOW AND SUGAR VIEW 1" = 10' 1 of 1