

SUN CITY SUMMERLIN COMMUNITY
137-13-511-058

50' 2975 ZONE
OVERSIZE WATERLINE
EASEMENT

CORE DRILL 2-2" HOLES ON EAST
WALL OF MANHOLE #653 IN LOCATION
DESIGNATED BY EMBARO INSPECTOR.

137-13-511-002

137-13-511-003

VILLA RIDGE DR
(PUBLIC)

REMOVE AND REPLACE EXISTING
SIDEWALK, ASPHALT AND
LANDSCAPING AS NECESSARY.

SS
4" PE GAS

COMMON LOT

TELEMETRY ENCLOSURE
NOTE: MAKE TELEMETRY ENCLOSURE
CABINET LARGE ENOUGH TO
ACCOMMODATE A 9.5"X9"X3"
NETWORK INTERFACE DEVICE.

137-13-511-057

ESTIMATED QUANTITIES SHOWN IN
(PARENTHESES) AFTER EACH UNIT

- ① 2-1" PVC, DB-60 GRADE (EST. 18')
- ② 2-2" PVC, DB-60 GRADE (EST. 72')
- ③ 2" RGS 36" 90° BENDS DOUBLE
WRAPPED TO MIL PVC TAPE. (4 EA.)
- ④ PULL BOX (17"X30"X30"). (1 EA.)

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

APPROVAL DATE

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.

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AND TRADEMARK LAWS. COPYING AND DISTRIBUTION OF THIS
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INFORMATION CONTAINED HEREIN, ARE STRICTLY PROHIBITED.

LEGEND

P.V.C. - D.B. (DIRECT BURIAL) GRADE
O.B. 60 FOR 1", 2", & 3"
O.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: 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 6"
(100 PARS)
TELEPHONE TERMINAL CABINET
36" x 36" x 6"
(25 to 50 PARS)

UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT
WITH A NON-LOCKING, SIDE-HINGED DOOR, EQUIPPED
INSIDE WITH 1/2" PLYWOOD BACKBOARD 1"
SMALLER ON ALL SIDES, CENTERED IN CABINET.
SLOTTED 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, 2' x 2' 1/2' x 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.

3/4" PLYWOOD BACKBOARD

* #6 GROUND WIRE

VICINITY MAP
T 20S R 59E SEC: 13
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" RIGID GALVANIZED STEEL - 48" radius
riser bands with double wrapped, 10 mil
Spiral wrap protective tape of 2-4"
Sch. 40 PVC conduit. (See plan 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 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 (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.
- 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 3/8" INCH JET LINE PULL POSTING WITH 400 POUND TENSILE STRENGTH.
- THE CONTRACTOR SHALL PROVE AND MANHOLE ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANHOLE 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 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.
- 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 TERMINALS ARE NOT UTILIZED TO JOIN SUBSTRUCTURES, CALL 244-7811 FOR CENTURYLINK INSPECTOR, 24 HOURS PRIOR TO PENETRATING ANY CENTURYLINK MANHOLE OR PULL BOX. VEGAS 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

ONSITE TRENCH DETAIL

BACKFILL AS REQUIRED BY LOCAL CODES (IF IN PUBLIC RIGHT-OF-WAY, NATURAL BACKFILL SHALL CONTAIN NO ROCKS LARGER THAN 3").
TELEPHONE TERRA-TAPE
POWER TERRA-TAPE
CABLE TV
TELEPHONE
POWER

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 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: GARY HALE @ LVVWD TELEPHONE: 875-7059 _____ REVIEWED BY FACILITY ENGINEER: DATE: 1/14/10
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ORIGINAL WA NO. 24205923

NO.	REVISION	ENGR. MGR. DATE
1		
2		
3		

CenturyLink

UNDERGROUND CONDUIT
REQUIREMENT for
LVVWD VILLA RIDGE
VILLA RIDGE & HIGHLAND FALLS
S. PEREZ E. 471449
244-1352 WEST WEST
S. GIFFORD 01/14/10
1" = 10' 1 of 1

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

CENTURYLINK PROPRIETARY
CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

LAS VEGAS VALLEY WATER DISTRICT
1001 S. VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89163
(702) 870-2071

VERIFY SCALE
1/2" = 0' 1/2"
1" = 1'
BAR REPRESENTS ONE AND ONE HALF INCHES ON ORIGINAL

CHEYENNE 2975 ZONE MOTOR OPERATED VALVES
CENTURYLINK VILLA RIDGE SERVICE DESIGN
SCALE NOT TO SCALE

DRAWN BY: M.E. NOLAN
CHECKED BY: R. PEARSON
RECOMMENDED BY: RYAN PEARSON
ACCEPTED BY: PETER J. JAUCH
DATE: 04/11/08
DATE: 04/11/08
DATE: _____
DATE: _____

DRAWINGS DESIGNED AND APPROVED BY CENTURYLINK PERSONNEL.

NO STAMP REQUIRED.

CONTRACT NUMBER
C1280
DRAWING NUMBER ED5
SHEET 18 OF 22

H#36700 CLV DWG #565-476