

BEGIN CLV CONSTRUCTION HERE
END CLARK COUNTY CONSRUCTION HERE

MATCH-LINE F SEE BELOW LEFT

MATCH-LINE E SEE BELOW LEFT

MATCH-LINE G SEE PAGE 4

MATCH-LINE E SEE ABOVE RIGHT

MATCH-LINE D SEE PAGE 2

MATCH-LINE F SEE ABOVE RIGHT

AVOID HITTING UNDERGROUND
TRAFFIC SIGNAL AND STREET
LIGHT SYSTEM CONDUITS
IT'S COSTLY
CALL BEFORE YOU
DO IT
CALL 1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

- LEGEND
- NPC HIGH TRANSMISSION POLE
 - INDICATES EX. UTILITIES & CABLE
 - PROPOSED 2.3 & 4" PVC SCHEDULE 40
 - PROPOSED 1 1/4" HDPE DUCT
 - INDICATES CENTER LINE
 - PROPOSED MANHOLE 7' X8' X5'
 - PROPOSED PULL BOX 3' X5' X4' 6"
 - PROPOSED PULL BOX 2' 6" X4' X3'
 - PROPOSED PULL BOX 30" X48" X36"
 - TERMINAL CABINET 36" X36" X6"
 - TERMINAL CABINET 24" X24" X6"
 - TERMINAL CABINET 18" X24" X6"
 - 3/4" PLYWOOD BACKBOARD TREATED WITH A FIRE RETARDANT PAINT OR SEALER. BACK BOARDS SMALLER THAN 4' X8' SHOULD BE MOUNTED 48" ABOVE THE FLOOR.
 - 6 COPPER GROUND WIRE ATTACHED TO A POWER RUN.

- CONSTRUCTION NOTES
- ALL CONSTRUCTION SHALL CONFORM TO TIME WARNER TELECOM STANDARDS AND SPECIFICATIONS.
 - ALL CONDUIT, PULL BOXES, MANHOLES, TRENCHING, BACK FILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE CONTRACTOR AND CONFORM TO THE WARNER TELECOM STANDARDS UNLESS OTHERWISE SPECIFIED.
 - TRENCHING AND TELEPHONE BOXES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN A 36" COVER OVER ALL TIME WARNER TELECOM FACILITIES AND A 12" MINIMUM SEPARATION FROM EXISTING UTILITIES. NEW AND EXISTING BOXES WILL BE ESTABLISHED TO FINISH GRADE.
 - ALL 90 DEGREE BENDS MUST BE A MINIMUM OF A 48" SWEEP.
 - ALL PULL BOXES LARGER THAN 17' X20" AND MANHOLES ARE TO BE GROUNDED WITH A 3/8" X1/16" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH A 3" END STUBBED INSIDE.
 - PLYWOOD BACKBOARDS ARE TO BE TREATED WITH A FIRE RETARDANT MATERIAL, PAINT OR SEALER.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF A WATER PROOF 400 LB. TENSILE STRENGTH MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT IN ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A WILL HAVE A 3/32" JET LINE PULL STRING WITH 400 LB. TENSILE STRENGTH.
 - THE CONTRACTOR SHALL PROVE AND MANHOLE ALL CONDUIT AFTER BACK FILLING WHILE A TIME WARNER TELECOM ENGINEER 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 ON THE PROJECT, IT IS IMPERATIVE THAT THE CONDUIT DESIGN NOT BE CHANGED WITHOUT THE TIME WARNER ENGINEER'S APPROVAL.
 - ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE COPPER GROUND WIRE, ATTACHED TO A COMMON POWER RUN.
 - ALL PULL BOXES AND MANHOLES NOT IN A CONCRETE SIDEWALK, WILL BE REQUIRED TO HAVE A PROTECTIVE 8" X8" CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX.
 - ALL CONDUIT ENDS (TERMINATED OR STUBBED) WILL HAVE A TAPERED POLYETHYLENE DUCT PLUG WITH A PULL STRING ATTACHED.
 - INSPECTION IS REQUIRED FOR ALL PHASES OF THE JOB. THESE PHASES ARE:
 - OPEN TRENCHES AFTER CONDUIT HAS BEEN PLACED.
 - OBSERVATION OF BACK FILL AND COMPACTION AS MEETING STANDARDS.
 - MANHOLES OF ALL CONDUIT.
 - WALL OF PULL BOXES AND MANHOLES MUST BE COURED WITH PROPER AMOUNT OF TERMINATIONS.
 - GROUTING OF PULL BOXES AND CONCRETE COLLARS.
 - PULL STRING IN ALL CONDUITS.
- ALL WORK MUST BE ACCEPTED BY TIME WARNER TELECOM. AS MEETING THE WARNER TELECOM STANDARDS. FOR A CONTRACTOR TO BE PAID AND FOR THE WARNER TELECOM TO PLACE ANY TYPE OF TELECOMMUNICATION CABLE.

CONSTRUCTION NOTES:
COORDINATE CONSTRUCTION WITH
TIME WARNER TELECOM
ALL UG CONDUIT TO BE EQUIPPED
WITH LOCATE WIRE
MAINTAIN A MINIMUM OF 36" DOC
(PLACE BORE PITS AS NECESSARY)

CONTACT:
HANK SCHLESINGER,
TIME WARNER
TELECOM
(702) 216-2233

UTILITY NOTE

UTILITY LOCATIONS SHOWN HEREON 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. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
CALL BEFORE YOU DIG
DIAL 811
UNDERGROUND SERVICE (USA)

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
CALL 1-702-227-2929

APPROVED FOR CONSTRUCTION

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

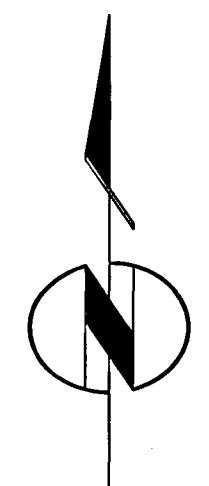
APPROVAL _____ DATE _____

PUBLIC WORKS PERMIT REQUIRED*

DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY OF LAS VEGAS PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT OF WAY

* TIME WARNER INSPECTOR WILL VERIFY CITY OF LAS VEGAS PERMIT FOR WORK DONE WITHIN CLV RIGHT-OF-WAY

INSPECTOR: _____ DATE _____



PROJECT NAME:
LV WEST VALLEY EXPANSION PROJECT
SEGMENT 2
PROJECT LOCATION:
RUSSELL & DURANGO TO CHARLESTON TO HUALAPAI
WORK ORDER NO.:
TW08006-2

TIME WARNER
TELECOM

3944 East Silverstri Lane
Las Vegas, NV 89120
(702) 216-2233 OFFICE
(702) 216-2299 FACSIMILE

SHEET
3

3 OF 9 SHEETS

SCALE (H)	SCALE (V)	DESIGN BY	DRAWN BY	REV.	BY	DATE	DESCRIPTION	APPROVAL
1" = 50'	V-SCALE	TIME WARNER	CKS (COBY)					