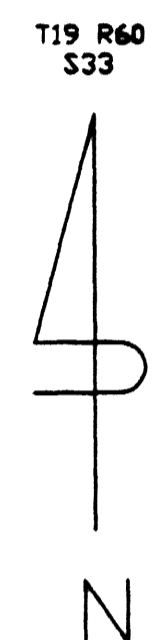


UCI EEP76-7014
PHONE 385-1884



CLAIR LEWIS 229-2096
CONTACT PERSON PHONE
[Signature] 10/20/98
SPRINT ENGINEER APPROVAL DATE
[Signature] 10/22/98
CITY OF LAS VEGAS APPROVAL DATE

EASEMENT/PERMIT CERTIFICATION

Easement/Permit Required: Yes No

Easement/Permit Obtained: Yes No

Date Easement/Permit Obtained: _____

Row Engineer Signature: _____

Sprint Easement/Permit Number: _____

REMARKS: _____

SPRINT PROPRIETARY
CONSTRUCTION PERMIT
REQUIRED BY CONTRACTOR

LEGEND

	CONDUIT		MANHOLE
	PULL BOX 3'-0" X 5'-0" X 4'-0"		PROPOSED MANHOLE
	TERMINAL CABINET 36" X 36" X 6" (100 PARS)		PROPOSED PULL BOX
	TERMINAL CABINET 24" X 24" X 6" (50 PARS)		TERMINAL CABINET 18" X 24" X 6" (25 PARS)
	TERMINAL CABINET 18" X 24" X 6" (25 PARS)		3/4" PLYWOOD BACKBOARD
	#6 GROUND WIRE		TERMINAL CABINET 36" X 36" X 6" (100 PARS)

NOTE: STEEL PLATE COVERS MUST NOT BE WELDED TO BEAMS. ALL METAL PARTS MUST BE HOT DIPPED GALVANIZED OR PAINTED WITH AN APPROVED RUST INHIBITOR PRIMER AND TOP COAT.

NOTE: STEEL-TIGHT UNIKED DOOR WITH A 3/4" PLYWOOD BACKBOARD UNDERWRITER LABORATORY APPROVED

NOTE: TREATED WITH FIRE RETARDANT PAINT OR SEALER. BACKBOARDS SMALLER THAN 4' X 8' (6.2' X 2' & 4' X 4') SHOULD BE MOUNTED 40" ABOVE THE FLOOR.

CONNECT TO M.G.N. (MULTI-GROUNDED NEUTRAL)

VICINITY MAP
NTS

RISER DETAIL
(TYPICAL)
NTS

- CONSTRUCTION NOTES**
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE SPRINT UNDERGROUND SPECIFICATIONS, 1998.
 - ALL CONDUIT, TRENCHING, BACKFILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH SPRINT 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 A 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 1/16" 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, SIDEWALKS, 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 WATERPROOF, 400 LB. TENSILE STRENGTH MEASURING TAPE MARKED IN ONE FT. OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 3/32" JET LINE PULL STRING WITH MINIMUM 400 LB. TENSILE STRENGTH.
 - THE CONTRACTOR SHALL PROVE AND MANDREL ALL CONDUIT AFTER BACKFILLING WHILE A SPRINT INSPECTOR IS PRESENT. MANDREL 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 SPRINT OUTSIDE PLANT (OSP) ENGINEERING APPROVAL.
 - CONCRETE ENCASUREMENT SHALL CONSIST OF 3/4" AGGREGATE, TYPE, 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 A COMMON M.G.N.
 - A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
 - PROTECTIVE POSTS SHALL BE 4" RIGID STEEL PIPE, SIX (6) FT. IN LENGTH, FILLED AND SET IN CONCRETE AT LOCATIONS SHOWN. THE TOP OF THE PROTECTIVE POSTS SHALL BE 36" ABOVE THE PROPOSED FINISHED GRADE AND PAINTED WITH YELLOW STREET MARKING PAINT.
 - IF EXISTING TERMINATORS ARE NOT UTILIZED TO JOIN SUBSTRUCTURES, CALL (702) 244-7811 FOR SPRINT INSPECTION, 24 HOURS PRIOR TO PENETRATING ANY SPRINT MANHOLE OR PULL BOX. THE ENTRANCE LOCATION IS VERY CRITICAL AND WILL BE DETERMINED AT THIS TIME. CORE DRILLING AND PROPER GROUTING IS MANDATORY.
 - ALL TELEPHONE BOXES WILL BE REQUIRED TO HAVE AN 8" X 8" CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX PER SPRINT STANDARDS, EXCEPT WHEN BOXES ARE TO BE LOCATED IN A CONCRETE SIDEWALK AREA.
 - SPRINT WILL REQUIRE "AS BUILT" FOOTAGES PRIOR TO ORDERING CABLE TO SERVE THIS DEVELOPMENT. THESE FOOTAGES MUST BE RECEIVED SIX (6) WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
 - CALL (702) 244-7811 TO SCHEDULE SPRINT INSPECTION 48 HOURS PRIOR TO STARTING ANY WORK.

CONTRACTOR/DEVELOPER NOTES

- CALL (702) 244-7811 BETWEEN 7 A.M. AND 3 P.M. 24 HOURS IN ADVANCE FOR INSPECTION.
- ANY MODIFICATIONS TO SPRINTS DESIGN MUST BE APPROVED BY THE ENGINEER.
- THESE PLANS WILL BE VALID FOR SIX (6) MONTHS FROM DATE OF ISSUE.

NO.	REVISION	ENGR.	MGR.	DATE:
1				
2				

<p>Call before you Dig.</p> <p>1-800-227-2800</p> <p>EXCH LAS VEGAS C.D. N5</p>	<p>SPRINT</p> <p>ANN CIMARRON PARK</p> <p>ANN ROAD/CIMARRON ROAD</p>	<p>ENGR. R. BRUSSO V.D. BICS-97590</p> <p>PHONE 244-6710 C.S. 10/20/98</p> <p>ISSUE DATE 10/20/98</p> <p>SCALE 1"=30'</p> <p>SHT. 1 OF 1</p>
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