

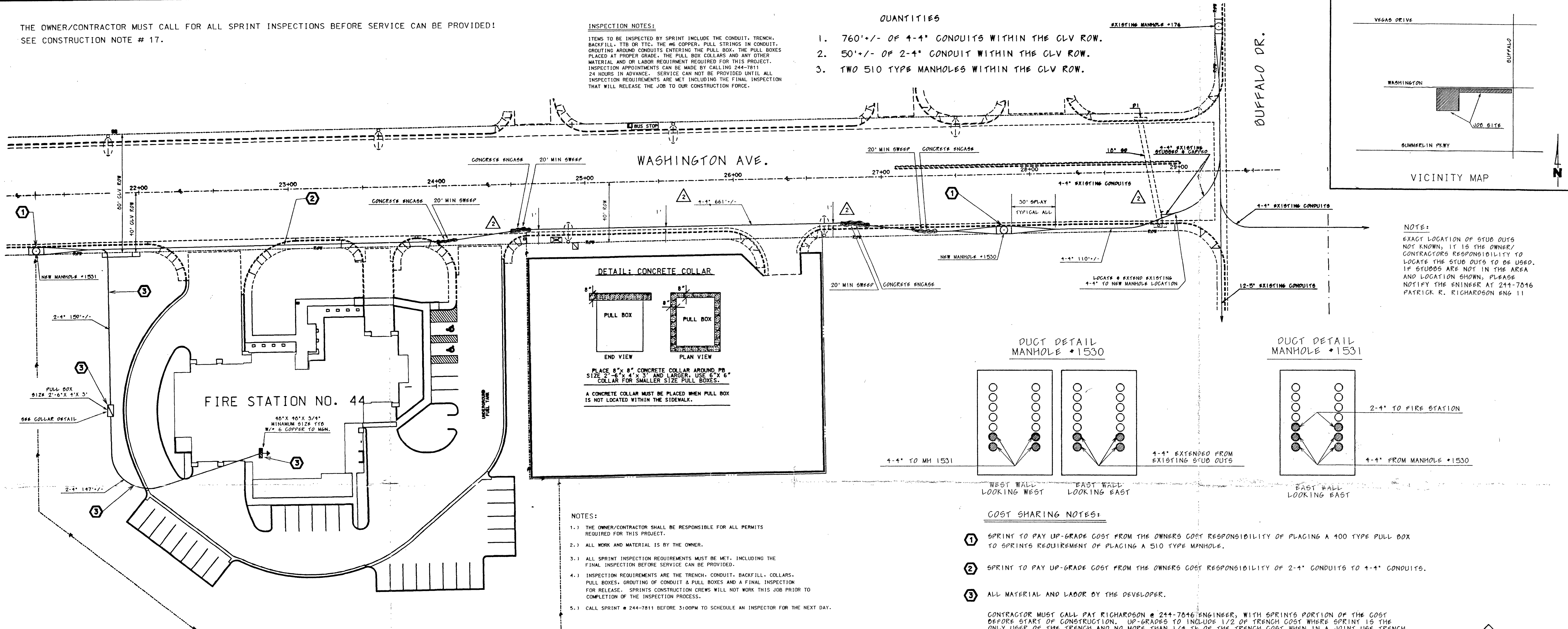
THE OWNER/CONTRACTOR MUST CALL FOR ALL SPRINT INSPECTIONS BEFORE SERVICE CAN BE PROVIDED!
SEE CONSTRUCTION NOTE # 17.

INSPECTION NOTES:

ITEMS TO BE INSPECTED BY SPRINT INCLUDE THE CONDUIT, TRENCH, BACKFILL, TTB OR TTC, THE #6 COPPER, PULL STRINGS IN CONDUIT, GROUTING AROUND CONDUITS ENTERING THE PULL BOX, THE PULL BOXES PLACED AT PROPER GRADE, THE PULL BOX COLLARS AND ANY OTHER MATERIAL AND OR LABOR REQUIREMENT REQUIRED FOR THIS PROJECT. INSPECTION APPOINTMENTS CAN BE MADE BY CALLING 244-7811 24 HOURS IN ADVANCE. SERVICE CAN NOT BE PROVIDED UNTIL ALL INSPECTION REQUIREMENTS ARE MET INCLUDING THE FINAL INSPECTION THAT WILL RELEASE THE JOB TO OUR CONSTRUCTION FORCE.

QUANTITIES

- 760' +/- OF 4-4" CONDUITS WITHIN THE CLV ROW.
- 50' +/- OF 2-4" CONDUIT WITHIN THE CLV ROW.
- TWO 510 TYPE MANHOLES WITHIN THE CLV ROW.



NOTES:

- THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS REQUIRED FOR THIS PROJECT.
- ALL WORK AND MATERIAL IS BY THE OWNER.
- ALL SPRINT INSPECTION REQUIREMENTS MUST BE MET, INCLUDING THE FINAL INSPECTION BEFORE SERVICE CAN BE PROVIDED.
- INSPECTION REQUIREMENTS ARE THE TRENCH, CONDUIT, BACKFILL, COLLARS, PULL BOXES, GROUTING OF CONDUIT & PULL BOXES AND A FINAL INSPECTION FOR RELEASE. SPRINTS CONSTRUCTION CREWS WILL NOT WORK THIS JOB PRIOR TO COMPLETION OF THE INSPECTION PROCESS.
- CALL SPRINT # 244-7811 BEFORE 3:00PM TO SCHEDULE AN INSPECTOR FOR THE NEXT DAY.

RADIUS NOTE:

MINIMUM RADIUS FOR CONDUIT BENDS IS 40' MIN FOR 4" CONDUIT AND 36' MIN FOR 2" CONDUIT.

CONDUIT NOTE:

CONDUIT TO BE MIN RATED AT DB 60. ALL 90 DEGREE BEND TO BE MIN RATED AT SCHEDULE 40 UNLESS OTHERWISE NOTED ON THIS PRINT.

MANHOLE NOTES:

MANHOLES TO BE 510 TYPE SIZE 5'X 10'-6"X 7' EQUIPPED WITH 0-47 HOLE CABLE RACKS, 3 EACH SIDE & 1 EACH END, 1-11" LADDER A 30" COLLAR AND A STEEL TRAFFIC COVER MARKED "TELCO"

LEGEND

P.V.C. - D.B. (DIRECT BURIAL) GRADE
DB 80 FOR 1-1/4", 2", & 3"
DB 100 FOR 4"
90 SWEEPS - SCHEDULE 40 (TYPICAL) OR RIGID GALVANIZED STEEL (AS SHOWN)

PROPOSED MANHOLE

WITH H-20-44 LOADING BOLT DOWN BEAM & PLATE TRAFFIC COVER MARKED "TELCO" AND 4 - 16 HOLE CABLE RACKS (2 EA SIDE)

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.

WITH H-20-44 LOADING BOLT DOWN COVER MARKED "TELCO"

RAIN-TIGHT HINGED DOOR WITH A 3/4" PLYWOOD BACKBOARD UNDERWRITER LABORATORY APPROVED

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

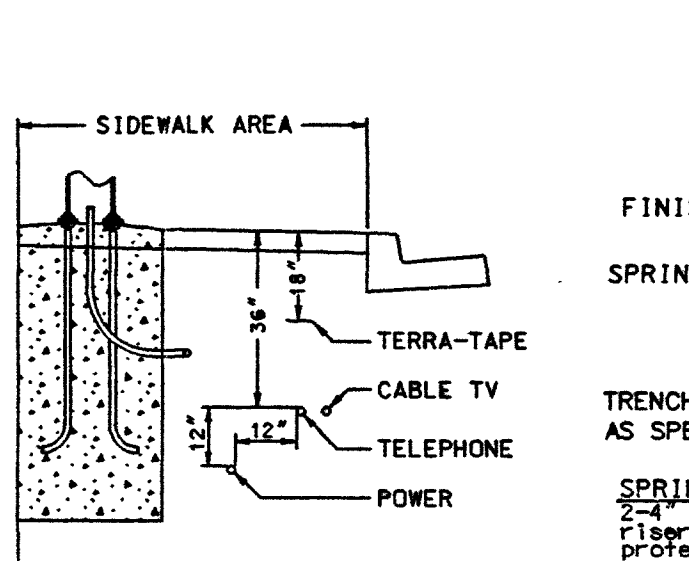
CONNECT TO M.S.M. (MULTI-GROUNDED NEUTRAL)

PROPERTY LINE

CURB & GUTTER

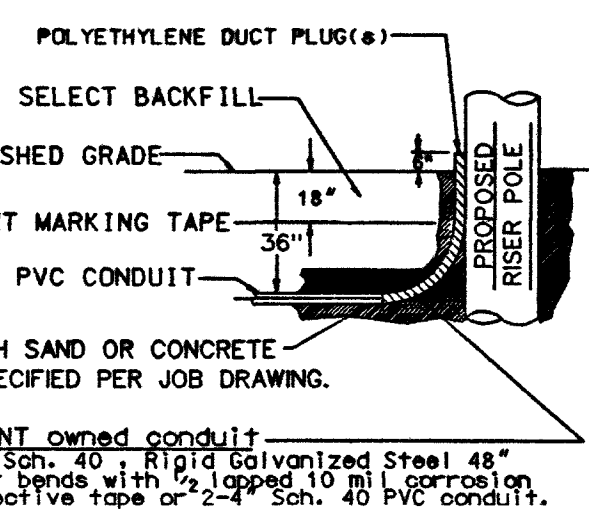
ALL PROPOSED ITEMS ON THIS PRINT ARE INDICATED IN RED

ONSITE COMMERCIAL TRENCH DETAIL



OFFSITE TRENCH DETAIL

(TYPICAL)



RISER DETAIL

(TYPICAL)

J.A. Vay & Sons, Inc.
5465 Reflex Drive
Las Vegas, NV 89156
(702) 632-3488 * (702) 632-1061
License #0017183 / 0052716

AS BUILT

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: IT'S THE OWNER'S RESPONSIBILITY TO ACQUIRE THE CLV ENCROACHMENT PERMIT	

SPRINT PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

CONTRACTOR / DEVELOPER NOTE

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

OWNER/CONTACT: LOUIS BAKER
TELEPHONE: 229-0353

REVIEWED BY FACILITY ENGINEER: *[Signature]* 5/19/02
DATE: 5/19/02
CITY OF LAS VEGAS APPROVAL: *[Signature]* 5/19/02
DATE: 5/19/02

NO.	REVISION	ENGR.	MGR.	DATE
1	ROUTE 4-4" CONDUITS TO STREET LOCATION TO AVOID SIDEWALK REMOVAL PER LEWIS BAKER.			5/19/02
2	RE-LOCATE 4-4" TO 1" OFF GUTTER PER CLV & LVFD	BS		5/19/02
3				

1-800-227-2600
UNDERGROUND SERVICE (USA)

Sprint.

UNDERGROUND CONDUIT REQUIREMENT: for
FIRE STATION #44
LAS VEGAS WEST-WEST
WASHINGTON & BUFFALO

DATE: 244-7816
DATE: 3/6/02
SCALE: 1" = 30'
Sht. 1 of 1

CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE SPRINT UNDERGROUND SPECIFICATIONS.
- 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 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 GROUNDING WITH A 3/4" 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 (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.
- 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 STRING WITH 400 POUND TENSILE STRENGTH.
- THE CONTRACTOR SHALL PROVE AND MANDEREL ALL CONDUIT AFTER BACKFILLING WHILE A SPRINT INSPECTOR IS PRESENT. MANDEREL 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 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 A COMMON POWER M.G.A.
- 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 SPRINT INSPECTOR 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 ENTERING THE SIDE OF A SPRINT MANHOLE OR PULL BOX IS NOT PERMITTED UNLESS APPROVED BY SPRINT.
- 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 WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
- CALL 244-7811 TO SCHEDULE SPRINT INSPECTION 48 HOURS PRIOR TO STARTING ANY WORK.