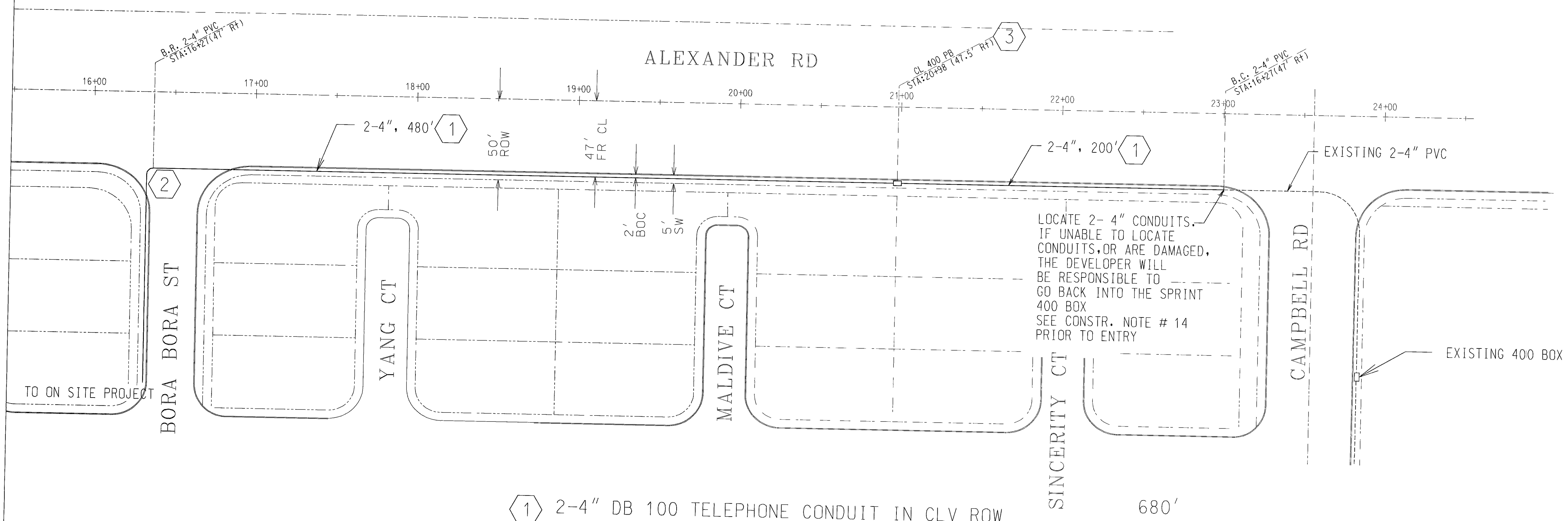
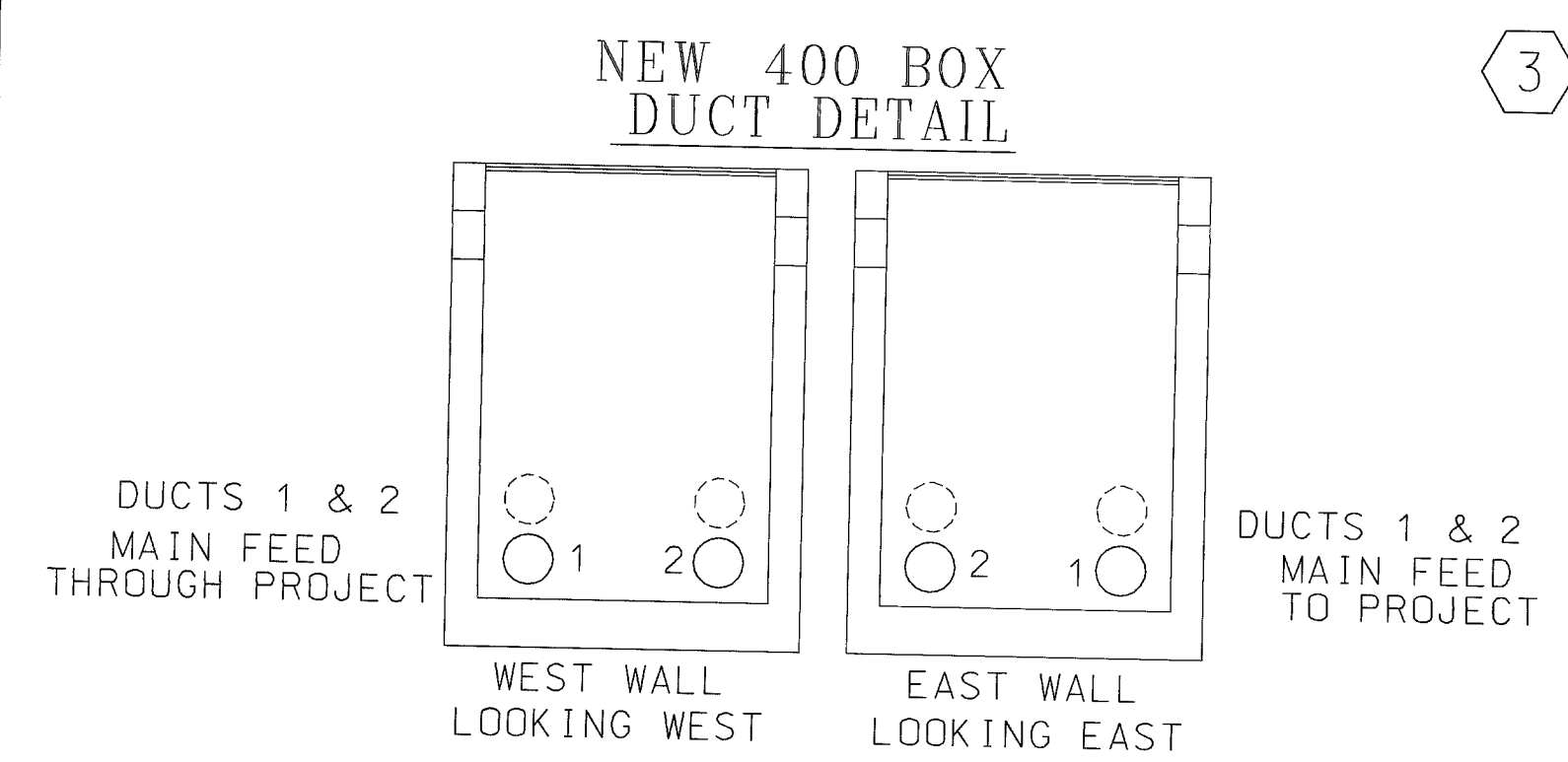
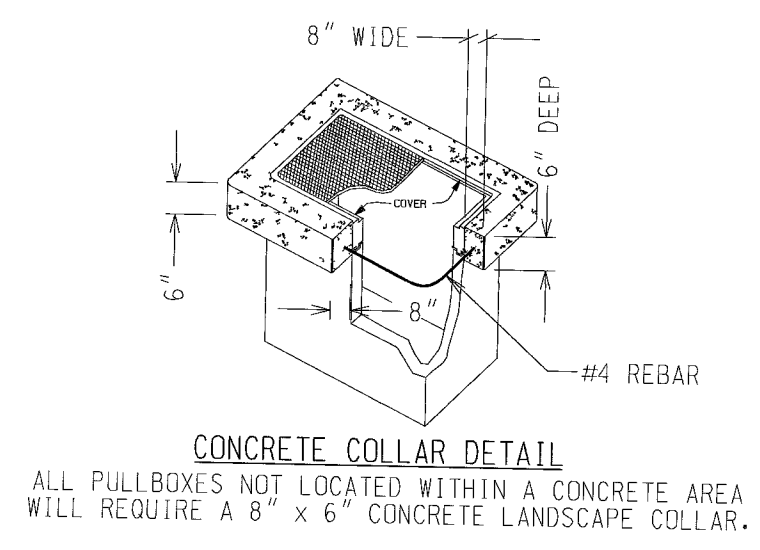




- 1 2-4" DB 100 TELEPHONE CONDUIT IN CLV ROW (INCLUDES P.V.C. BENDS AND SWEEPS AS REQ. A. CONDUIT TO PAID FOR BY DEVELOPER B. TRENCH AND INSTALLATION TO BE FURNISHED BY DEVELOPER.
- 2 RIGID GALVANIZED STEEL OR CONCRETE ENCASED PVC SCH 40 90° BENDS MIN. 48" RADIUS (ALL BUILDING RISERS TO BE R.G.S.) A. CONDUIT TO PAID FOR BY DEVELOPER B. TRENCH AND INSTALLATION TO BE FURNISHED BY DEVELOPER.
- 3 400 PULL BOXES 36"x 60"x 48" A. PULL BOXES FURNISHED AND INSTALLED BY DEVELOPER.



NOTE: MAINTAIN A MINIMUM OF 48" RADIUS ON ALL 4", 90° BENDS.



DISCLAIMER 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. SPRINT TELEPHONE ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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.

- NOTE:
1.) ALL WORK IS BY THE OWNER. SPRINT TO PLACE THE CABLE AND THE DEMARC UPON WORK COMPLETION AND AN APPROVED FINAL INSPECTION FROM A SPRINT INSPECTOR.
2.) OWNER/CONTRACTOR TO CALL FOR ALL INSPECTIONS.
3.) CALL COBY KLINGONSMITH@ 244-1578, SPRINT ENGINEER, WITH QUESTIONS OR CHANGES TO THIS PRINT.

IMPORTANT NOTICE!
SERVICE CANNOT BE PROVIDED WITHOUT APPROVED OPEN TRENCH AND FINAL INSPECTION BY A SPRINT INSPECTOR.

LEGEND

CONDUIT: P.V.C. - DB (DIRECT BURIAL) GRADE DB 60 FOR 1 1/4" 2 & 3 DB 100 FOR 4 90 SWEEPS - SCHEDULE 40 (TYPICAL) OR RIGID GALVANIZED STEEL (AS SHOWN)

MANHOLE: PROPOSED MANHOLE WITH H-20 44 LOADING BOLT DOWN BEAM & PLATE TRAFFIC COVER MARKED TELCO AND 4 - 18 HOLE CABLE RACKS (2 EA SIDE)

PULL BOX: 3'-0" x 5'-0" x 4'-0" WITH H-20 44 LOADING BOLT DOWN COVER MARKED TELCO

TERMINAL CABINET: 24" x 24" x 6" (50 PAR) RAIN TIGHT HINGED DOOR WITH A 3/4" PLYWOOD BACKBOARD UNDERWATER LABORATORY APPROVED

TERMINAL CABINET: 18" x 24" x 6" (25 PAR) TREATED WITH FIRE RETARDANT PAINT OR SEALER BACKBOARDS SMALLER THAN 4 x 8 (4" x 2" & 4" x 4") SHOULD BE MOUNTED 40" ABOVE THE FLOOR

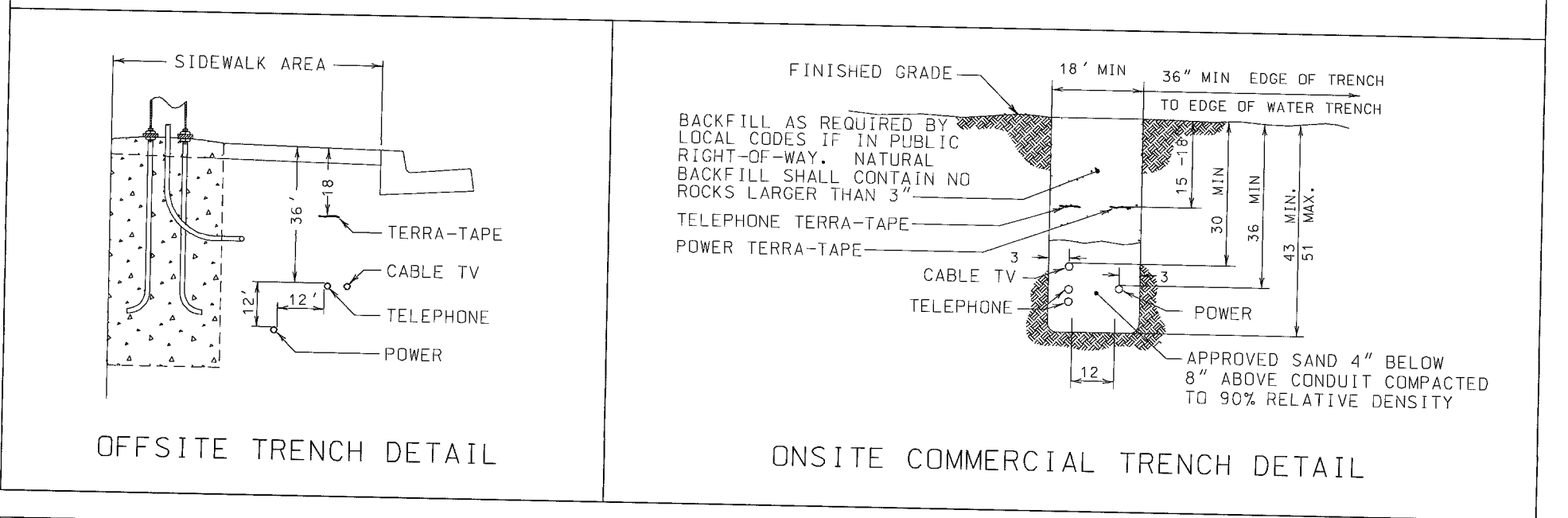
CONNECT TO M.G.N. (MULTI-GROUNDED NEUTRAL)

VICINITY MAP

RISER DETAIL (TYPICAL)

SELECT BACKFILL, FINISHED GRADE, SPRINT MARKING TAPE, PVC CONDUIT, TRENCH SAND OR CONCRETE AS SPECIFIED PER JOB DRAWING, SPRINT owned conduit, 2-4" Sch 40 Rigid Galvanized Steel 48" riser, 36"x 60"x 48" pull box, 2-4" Sch 40 PVC conduit, (see plan for type)

- 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 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 (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 3/32" 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 GUAGE GROUND WIRE RUN TO A COMMON POWER 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 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 TERMINATORS 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 THE 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 STANDARDS, EXCEPT WHEN BOXES ARE TO BE LOCATED IN A CONCRETE COLLAR POURED AROUND THE TOP PORTION OF THE BOX PER SPRINT STANDARDS.
 - 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.



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.

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 _____ CLV ENCROACHMENT REQ _____

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
* SPRINT INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY
INSPECTOR: _____ DATE _____

OWNER/CONTACT: VTN (JULIE MUNGER)
TELEPHONE: 702-220-6200
REVIEWED BY FACILITY ENGINEER _____ DATE _____
REVIEWED BY CITY OF LAS VEGAS _____ DATE _____

SPRINT PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

NO. REVISION ENGR. MGR. DATE

Avod cutting underground utility lines. It's costly. Call before you Dig. 1-800-227-2600

UNDERGROUND CONDUIT REQUIREMENT for

DAY DAWN FUSION

FT APACHE & ALEXANDER

SCALE 1"= 40' Sht. 1 of 1