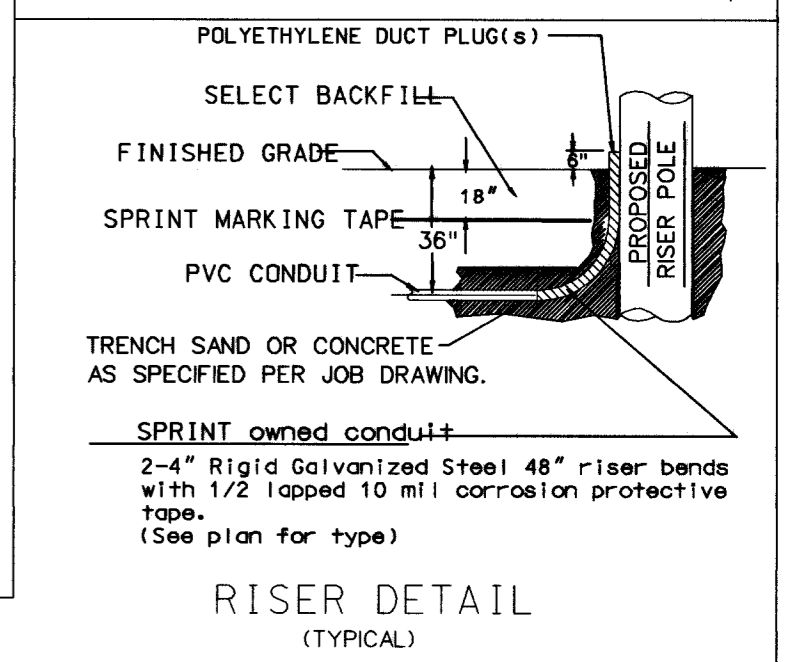
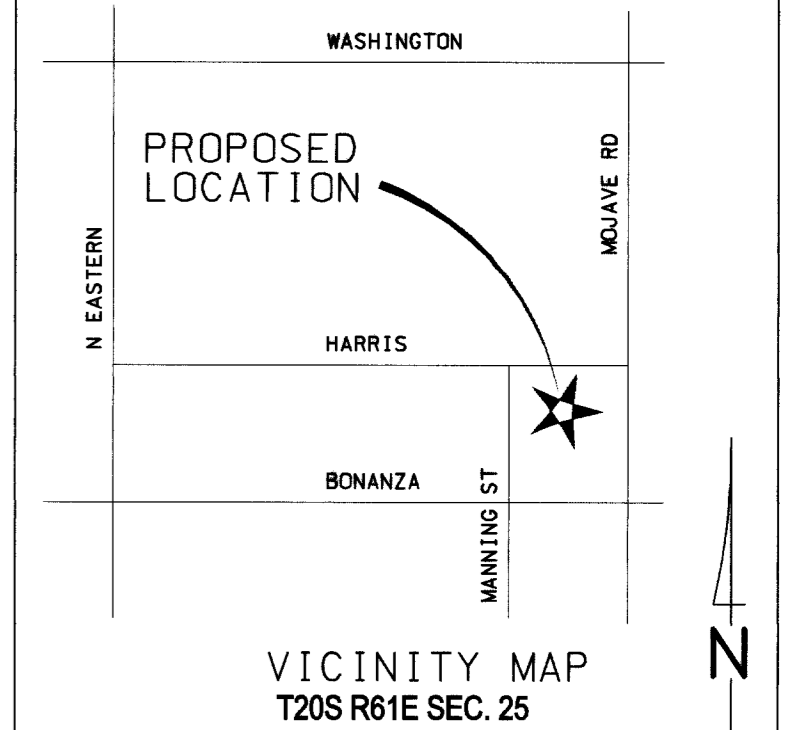


**LEGEND**

- 1 1-4" CONDUIT-DB-100 TELEPHONE CONDUIT (EST.74)  
(INCLUDES P.V.C. BENDS AND SWEEPS AS REQUIRED)  
A. CONDUIT FURNISHED AND INSTALLED BY DEVELOPER.  
B. TRENCHING BY DEVELOPER
- 2 2-2" CONDUIT-DB-100 TELEPHONE CONDUIT (EST. 237)  
(INCLUDES P.V.C. BENDS AND SWEEPS AS REQUIRED)  
A. CONDUIT FURNISHED AND INSTALLED BY DEVELOPER.  
B. TRENCHING BY DEVELOPER
- 3 1-2" CONDUIT-DB-100 TELEPHONE CONDUIT (EST. 11)  
(INCLUDES P.V.C. BENDS AND SWEEPS AS REQUIRED)  
A. CONDUIT FURNISHED AND INSTALLED BY DEVELOPER.  
B. TRENCHING BY DEVELOPER
- 4 1-4" RGS 48" 90° BENDS (QTY 1)  
DOUBLE WRAPPED 10ML  
PVC TAPE  
A. CONDUIT FURNISHED AND INSTALLED BY DEVELOPER.  
B. TRENCHING BY DEVELOPER
- 5 PLACE (QTY 2)  
PULLBOX  
2'-6" x 4'-0" x 3'-0"
- 6 PLACE (QTY 1)  
INTERCEPT PULLBOX  
2'-6" x 4'-0" x 3'-0"
- 7 PLACE (QTY 1)  
PULLBOX  
17" x 30" x 30"
- 8 2-2" RGS 36" 90° BENDS (QTY 2)  
DOUBLE WRAPPED 10ML  
PVC TAPE  
A. CONDUIT FURNISHED AND INSTALLED BY DEVELOPER.  
B. TRENCHING BY DEVELOPER
- 9 SPRINT WILL REIMBURSE \$600.00 FOR  
ADDITIONAL 1-4" PVC & TRENCH AS AGREED  
UPON WITH SHANE VAESSEN
- 10 2-4" CONDUIT-DB-100 TELEPHONE CONDUIT (EST. 504)  
(INCLUDES P.V.C. BENDS AND SWEEPS AS REQUIRED)  
A. CONDUIT FURNISHED AND INSTALLED BY DEVELOPER.  
B. TRENCHING BY DEVELOPER
- 11 2-4" RGS 48" 90° BENDS (QTY 1)  
DOUBLE WRAPPED 10ML  
PVC TAPE  
A. CONDUIT FURNISHED AND INSTALLED BY DEVELOPER.  
B. TRENCHING BY DEVELOPER

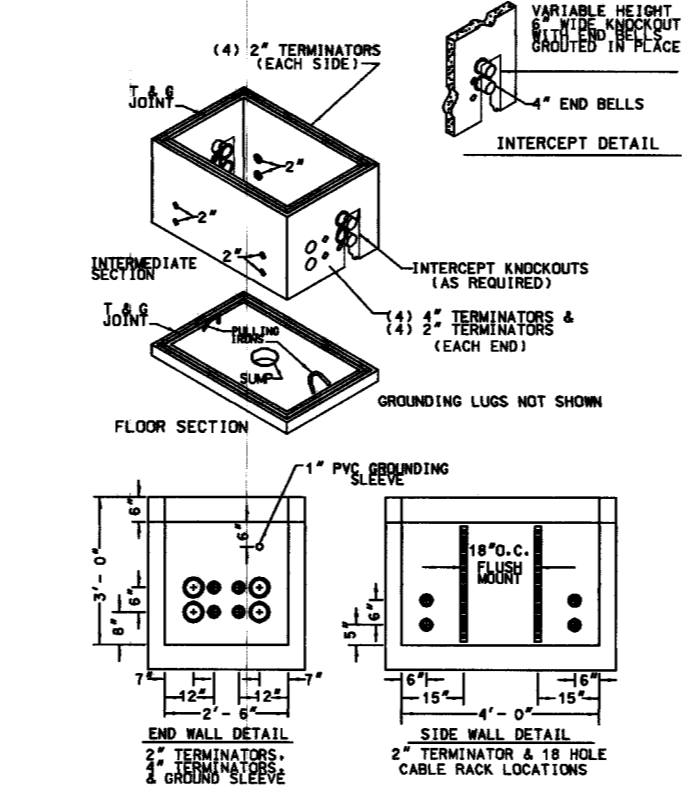
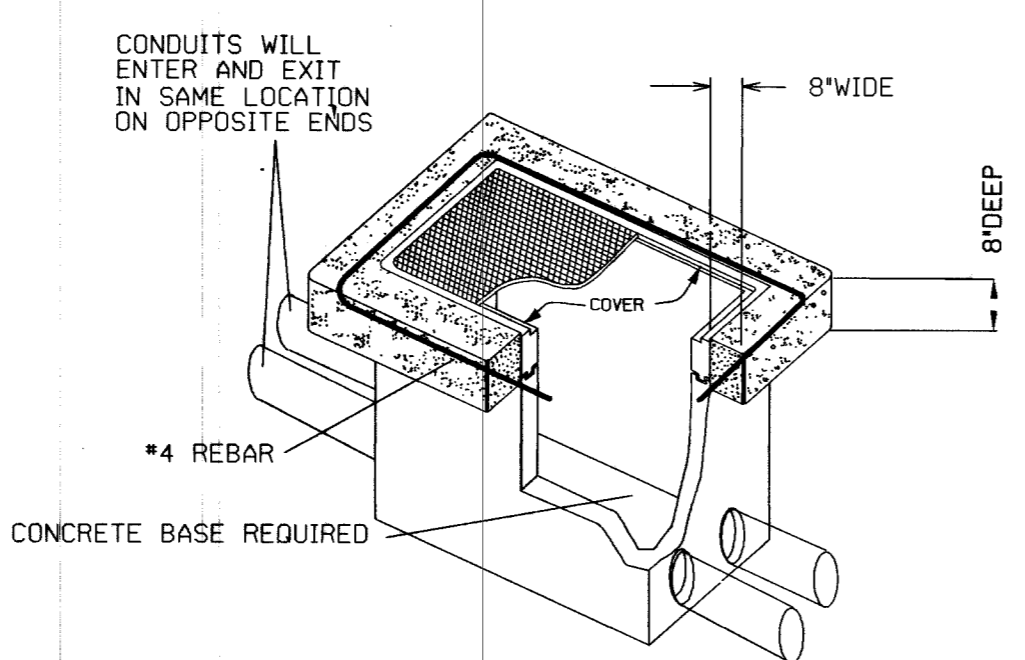
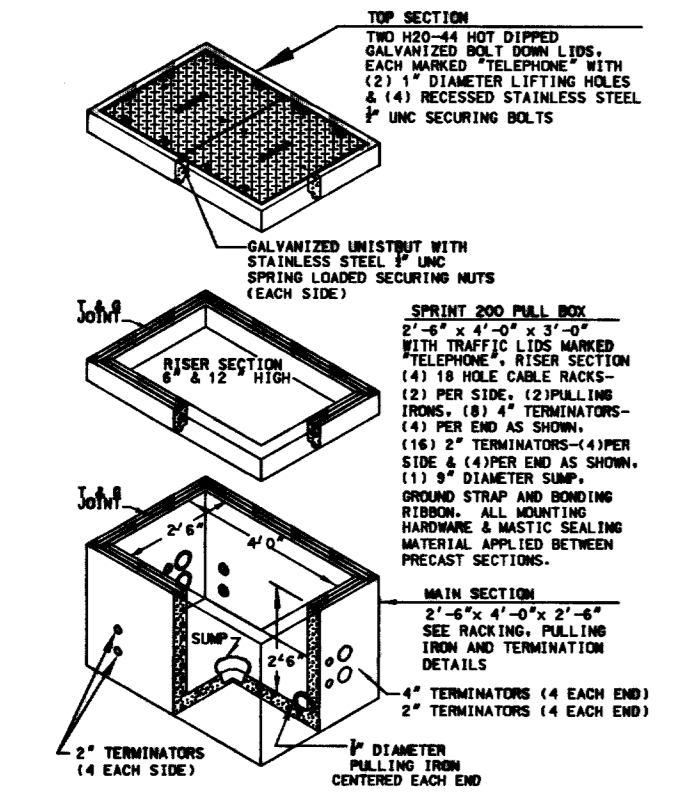
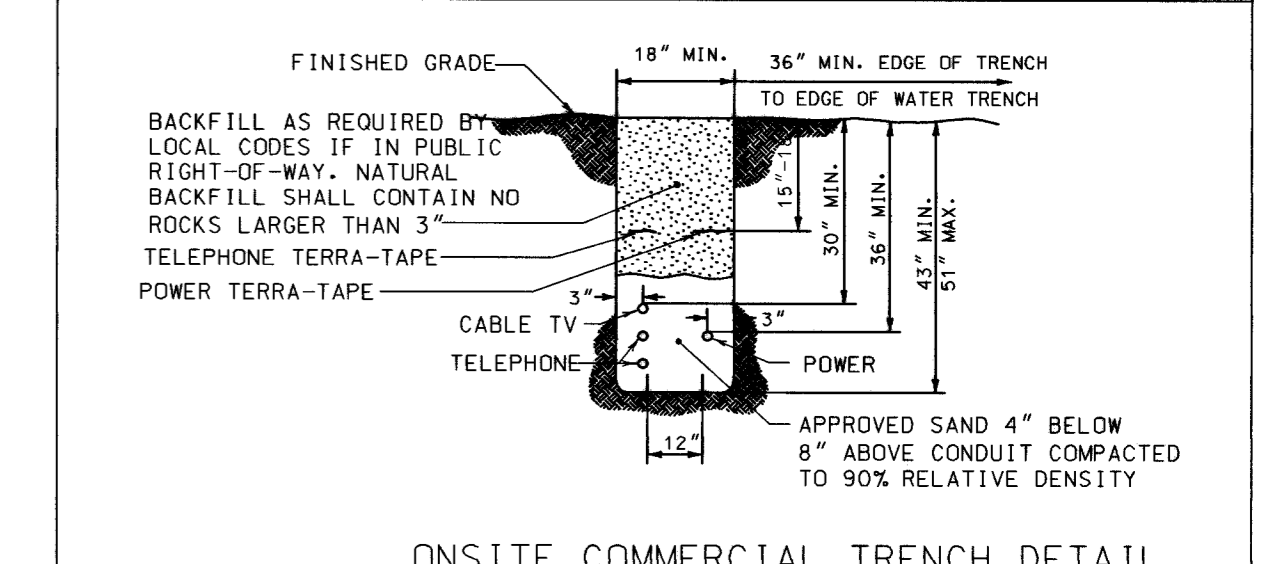
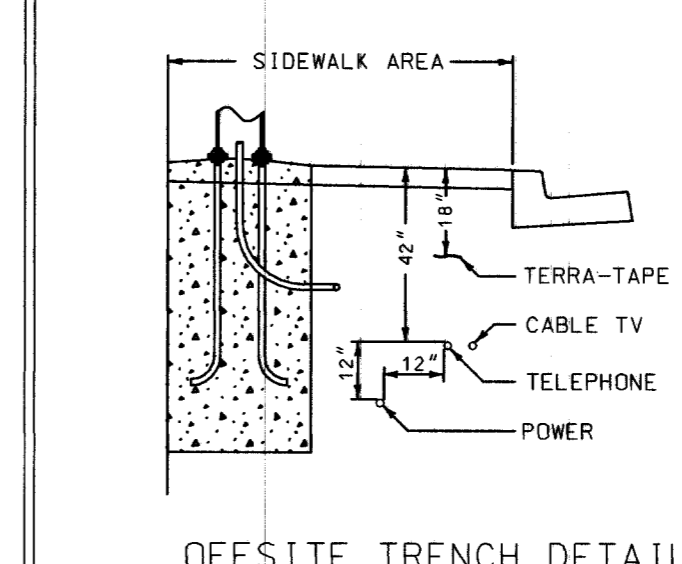
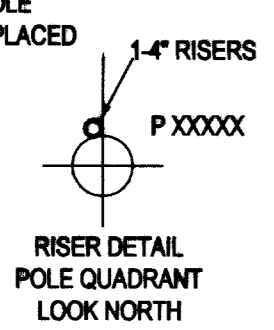
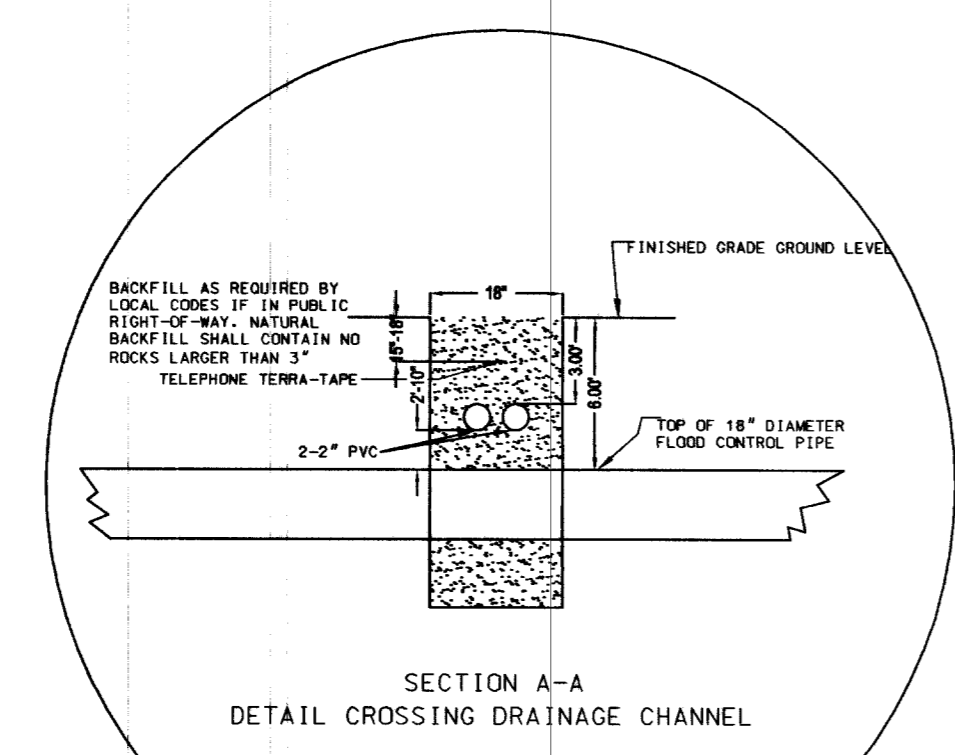
**LEGEND**

- EXISTING CONDUIT
- PROPOSED CONDUIT
- MANHOLE
- PULL BOX  
3'-0" x 5'-0" x 4'-0"
- PULL BOX  
2'-6" x 4'-0" x 3'-0"
- PULL BOX  
17" x 30" x 30"
- TERMINAL CABINET  
48" x 48" x 6"  
(100 PAIR)
- TERMINAL CABINET  
36" x 36" x 6"  
(25-50 PAIR)
- PROPOSED MANHOLE  
WITH H-20-44 LOADING BOLT DOWN BEAM & PLATE TRAFFIC COVER MARKED "TELO" AND 4-18 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 "TELO"
- RAIN-TIGHT HINGED DOOR WITH A 3/4" PLYWOOD BACKBOARD UNDERWRITER LABORATORY APPROVED
- TREATED WITH FIRE RETARDANT PAINT OR SEALER. BACKBOARD SMALLER THAN 4" x 8" (1# 2" x 2" & 4" x 4") SHOULD BE MOUNTED 4" ABOVE THE FLOOR.
- CONNECT TO M.G.M. (MULTI-CROUNDED NEUTRAL)
- PROPERTY LINE
- CURB & GUTTER
- ALL PROPOSED ITEMS ON THIS PRINT ARE INDICATED IN RED



**CONSTRUCTION NOTES**

1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE SPRINT UNDERGROUND SPECIFICATIONS.
2. ALL CONDUIT, TRENCHING, BACKFILLING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH SPRINT STANDARDS UNLESS OTHERWISE SPECIFIED.
3. 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.
4. 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.
5. 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.
6. PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
7. 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.
8. 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.
9. 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.
10. CONCRETE ENCASEMENT SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASEMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
11. ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE GROUND WIRE, RUN TO A COMMON POWER M.G.N.
12. A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
13. 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.
14. 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 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.
15. 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.
16. 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.
17. CALL 244-7811 TO SCHEDULE SPRINT INSPECTION 48 HOURS PRIOR TO STARTING ANY WORK.



SPRINT 200 PULL BOX DETAIL "A"

COLLER DETAIL "B"

SPRINT 200 INTERCEPT DETAIL "C"

**CONTRACTOR / DEVELOPER NOTE**

1. THE DEVELOPER/CONTRACTOR SHALL CALL 244-7811 TO SCHEDULE INSPECTIONS TWENTY-FOUR (24) HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.
2. ANY MODIFICATIONS TO SPRINT'S DESIGN MUST BE APPROVED BY THE ENGINEER.
3. 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: \_\_\_\_\_

OWNER/CONTACT: SHANE VAESSEN

TELEPHONE: 604-6455

APPROVED BY FACILITY ENGINEER: *Arne Murphy* 8/4/04

APPROVED BY CITY OF LAS VEGAS: *[Signature]* 8/6/04

DATE: 8/6/04

1073264-2-SPR

NO.	REVISION	ENGR. MGR.	DATE
1	DEVELOPER TO INSTALL 2-4" PVC		8/4/04

Call before you Dig.  
1-800-227-2600  
UNDERGROUND SERVICE (USA)

**Sprint**

TITLE: UNDERGROUND CONDUIT REQUIREMENT for THE ANIMAL FOUNDATION REGIONAL ANIMAL CAMPUS (KCR) REV-1

ENGR: ANGEL PEREA 24183905 MN

PHONE: 244-7737

DATE: 8/4/04

SCALE: 1" = 50'

1 OF 1

SPRINT PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

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: \_\_\_\_\_

72118