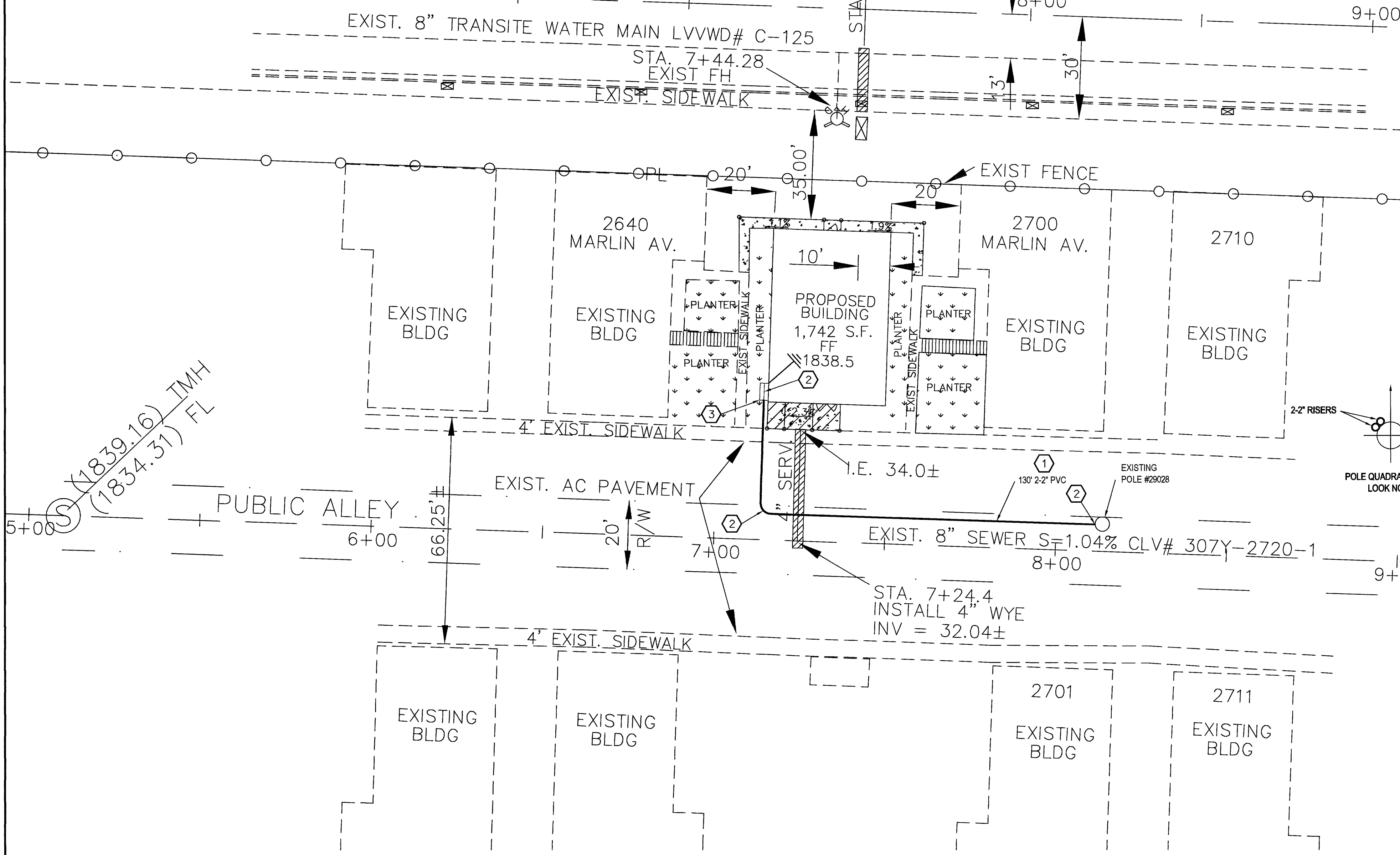


# MARLIN AVENUE

(PUBLIC)

5+00



(1839.16) TMH  
(1834.31) FL

### LEGEND

EXISTING CONDUIT  
PROPOSED CONDUIT

MANHOLE  
PULL BOX  
PULL BOX  
PULL BOX

TERMINAL CABINET  
TERMINAL CABINET  
TERMINAL CABINET

3/4" PLYWOOD BACKBOARD

# 6 GROUND WIRE

PROPERTY LINE  
CENTER LINE  
CURB & GUTTER

ALL PROPOSED ITEMS ON THIS PRINT ARE INDICATED IN RED

DB 8" V.C. - D.B. (DIRECT BURIAL) GRADE  
0 FOR 1-1/4", 2" & 3"  
DB 10" FOR 4"  
90° SWEEPS - SCHEDULE 40 (TYPICAL) OR  
RIGID GALVANIZED STEEL  
(AS SHOWN)

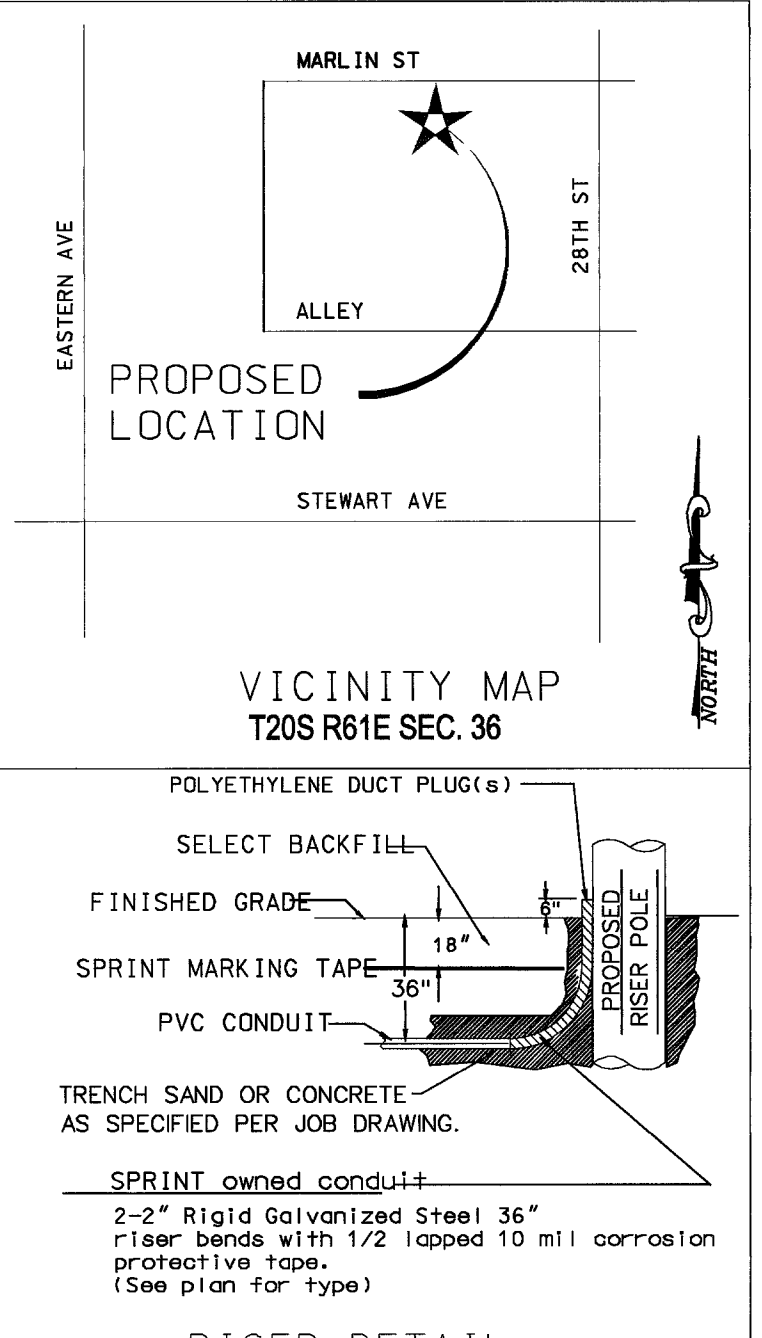
PROPOSED MANHOLE  
WITH H-20-44 LOADING BOLT DOWN BEAM  
& PLATE TRAFFIC COVER MARKED "TELECO"  
AND 4" HOLE CABLE RACKS (E.A. SIDE)  
COVER MARKED "TELECO"

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 "TELECO"

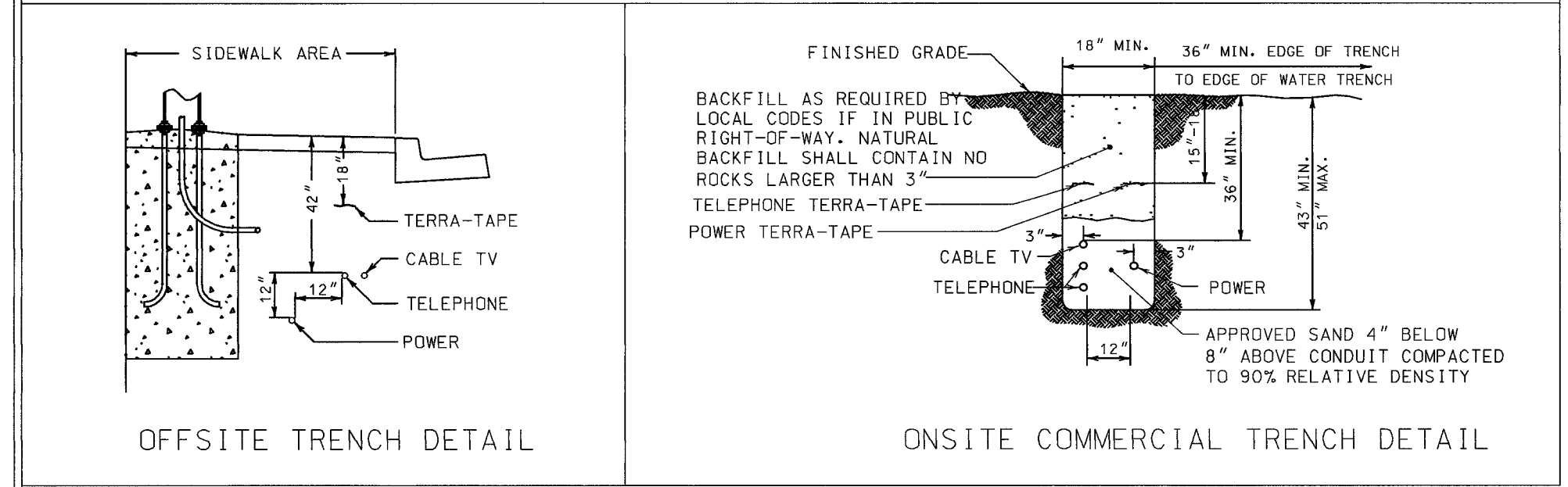
RAIN-TIGHT HINGED DOOR WITH A  
3/4" PLYWOOD BACKBOARD  
UNDERWRITER LABORATORY APPROVED

4" x 8" x 3/4" BACKBOARD  
TREATED WITH FIRE RETARDANT PAINT OR  
SEALER BACKBOARD SMALLER THAN 4" x 8"  
(@ 2' x 4' x 3/4") SHOULD BE MOUNTED  
4" ABOVE THE FLOOR.  
CONNECT TO M.G.N.  
(MULTI-GROUNDED NEUTRAL)

PROPERTY LINE  
CENTER LINE  
CURB & GUTTER



- ### 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 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 (ie. 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 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 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.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 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



- ### CONTRACTOR / DEVELOPER NOTE
- 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.
  - ANY MODIFICATIONS TO SPRINT'S DESIGN MUST BE APPROVED BY THE ENGINEER.
  - THESE PLANS WILL BE VALID FOR SIX MONTHS FROM DATE OF ISSUE.

- ### LEGEND
- 2-2" CONDUIT-DB-80 TELEPHONE CONDUIT (EST 130)  
(INCLUDES P V C BENDS AND SWEEPS AS REQUIRED)  
A CONDUIT FURNISHED AND INSTALLED BY DEVELOPER  
B TRENCHING BY DEVELOPER
  - 2-2" RGS 36" 90° BENDS (QTY 6 EA)  
DOUBLE WRAPPED 10 MIL TAPE  
A CONDUIT FURNISHED AND INSTALLED BY DEVELOPER  
B TRENCHING BY DEVELOPER
  - PLACE (QTY 1)  
SPRINT TERMINAL CABINET  
36" x 36" x 6"  
(25-50 PAIR)

DISCLAIMER NOTE  
UTILITY LOCATIONS SHOWN 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

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 COUNTY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT-OF-WAY

INSPECTOR: \_\_\_\_\_ DATE \_\_\_\_\_

EASEMENT / PERMIT CERTIFICATION

EASEMENT / PERMIT OBTAINED YES  NO

EASEMENT / PERMIT OBTAINED YES  NO

DATE EASEMENT / PERMIT OBTAINED \_\_\_\_\_

ROW ENGINEER SIGNATURE \_\_\_\_\_

SPRINT EASEMENT / PERMIT NUMBER \_\_\_\_\_

REMARKS \_\_\_\_\_

OWNER/CONTACT: MIKE PRIBULA  
TELEPHONE: \_\_\_\_\_ MOBILE: 491-7650

APPROVED BY: *[Signature]* 5-10-05  
DATE

APPROVED BY: *[Signature]* 5-10-05  
DATE

NO.	REVISION	ENGR. MGR.	DATE

SPRINT PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

UNDERGROUND CONDUIT REQUIREMENT for LAUNDRY ROOM @ STEWART VILLAS

ENGR. ANGEL PERERA  
PHONE 244-7737  
BY DATE 5-10-05

SCALE 1" = 20'

1 OF 1

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