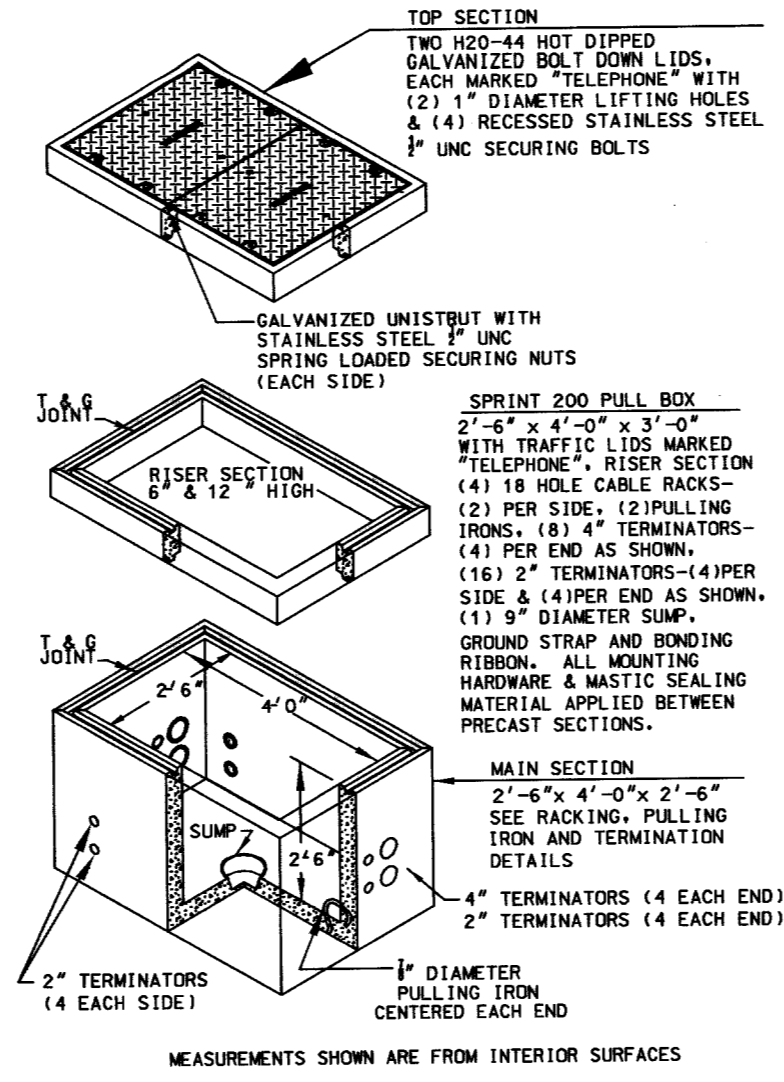
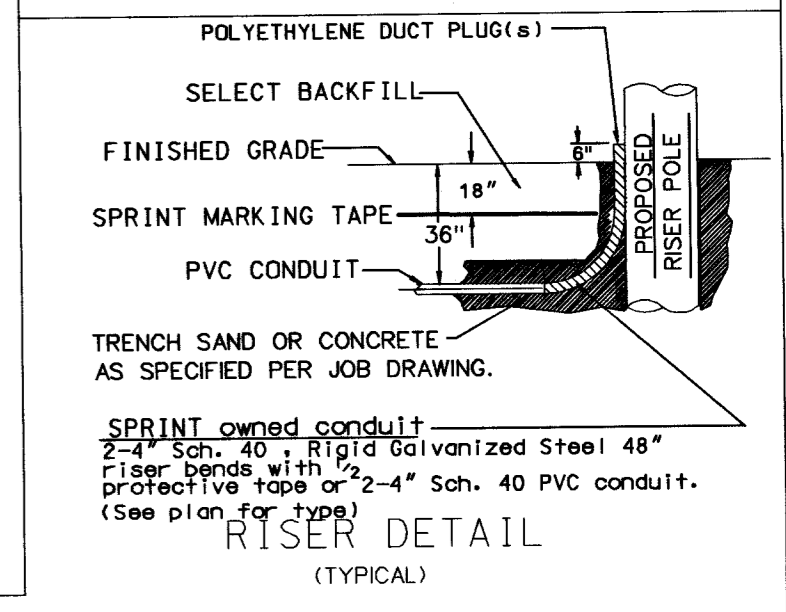
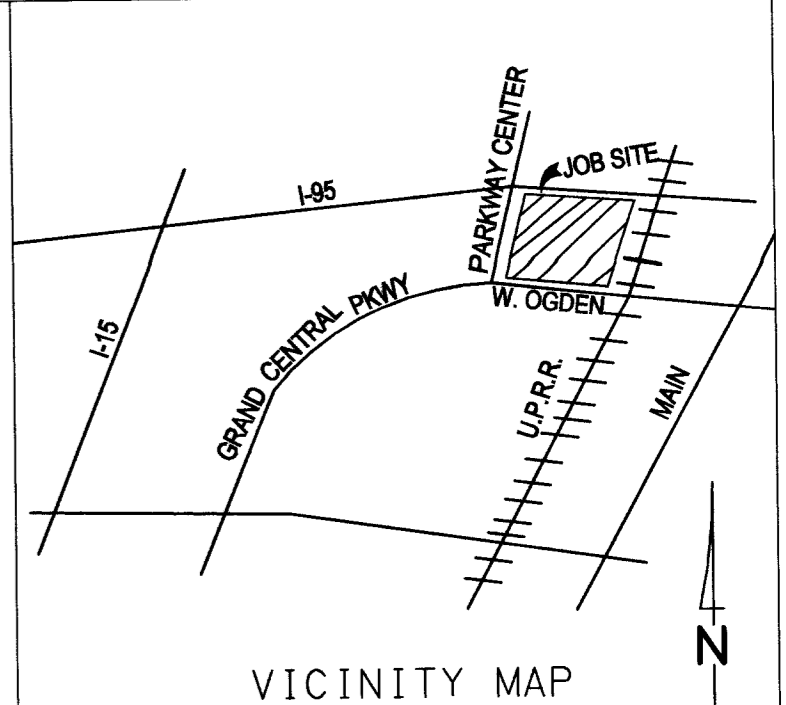
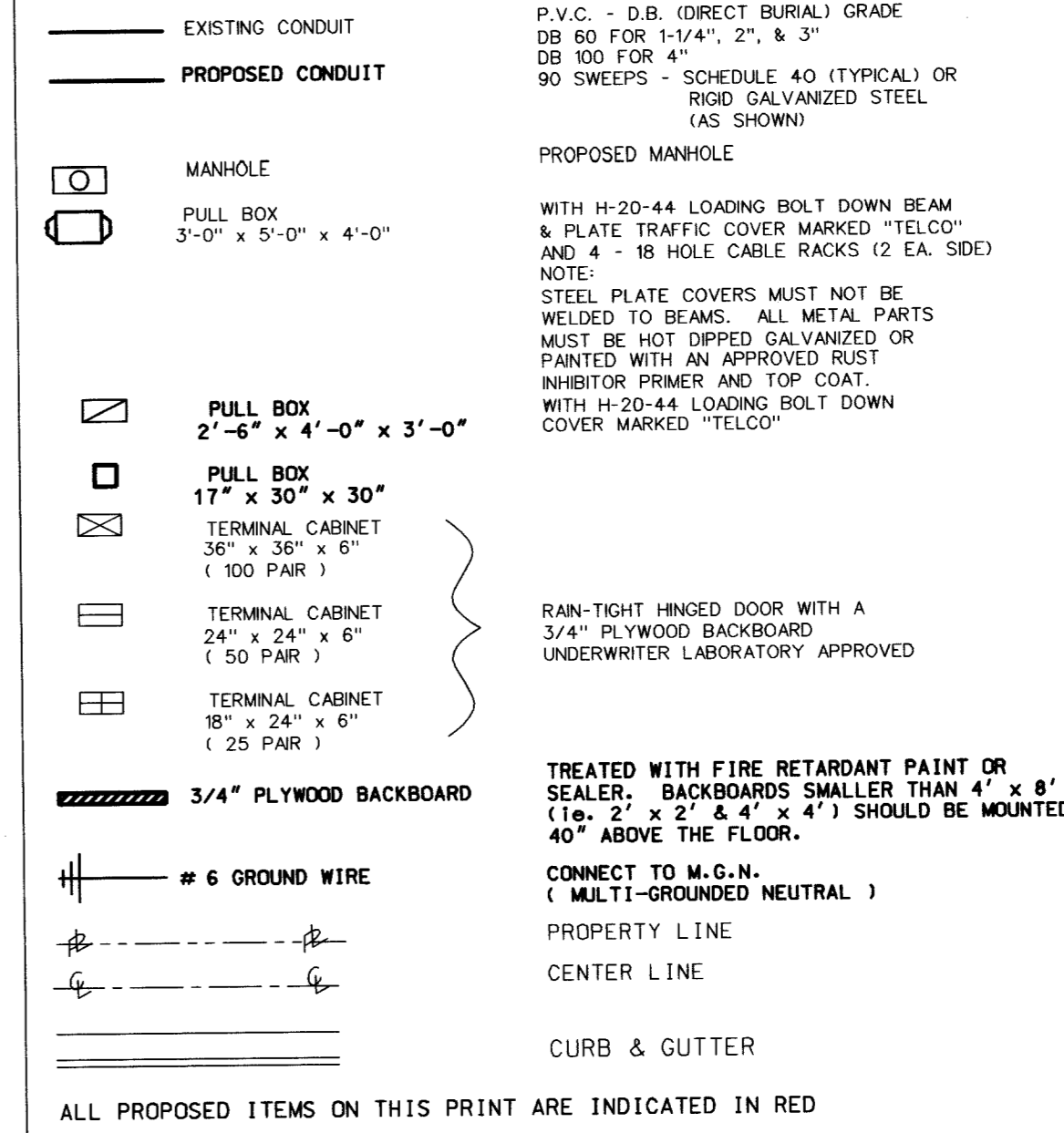


DETAIL 'A'



LEGEND



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 42" 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 1/16" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3" ENDS STUBBED INSIDE.
- WHEN EXISTING TELEPHONE FACILITIES (E.G. 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 DUCT SYSTEM, 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" ROD 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.

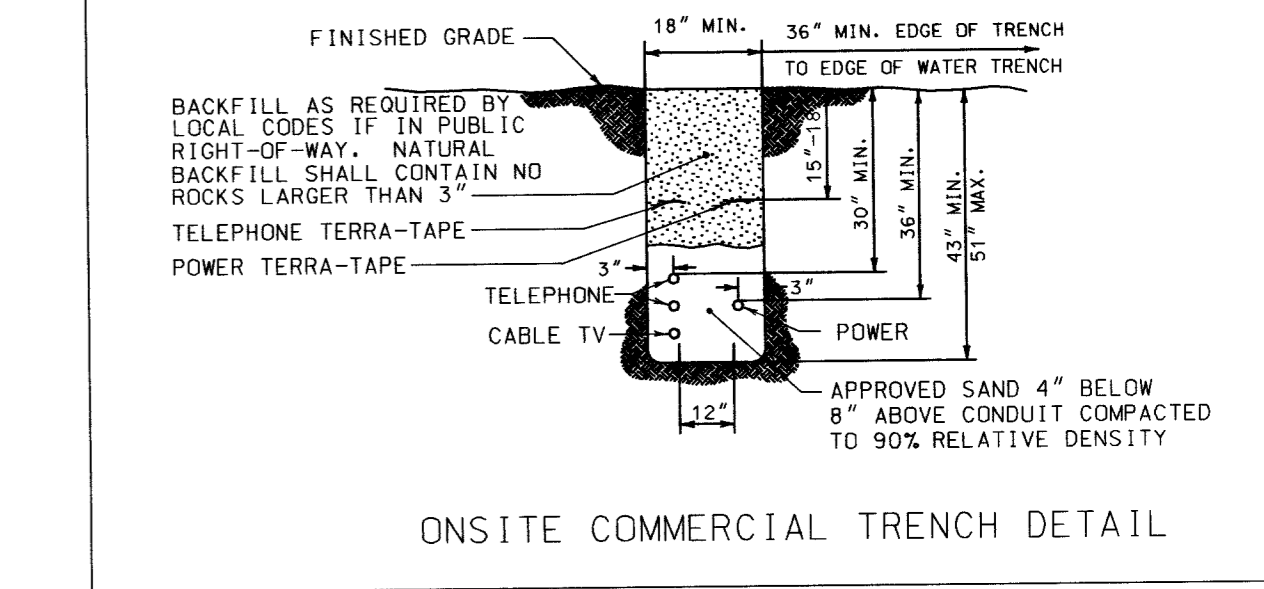
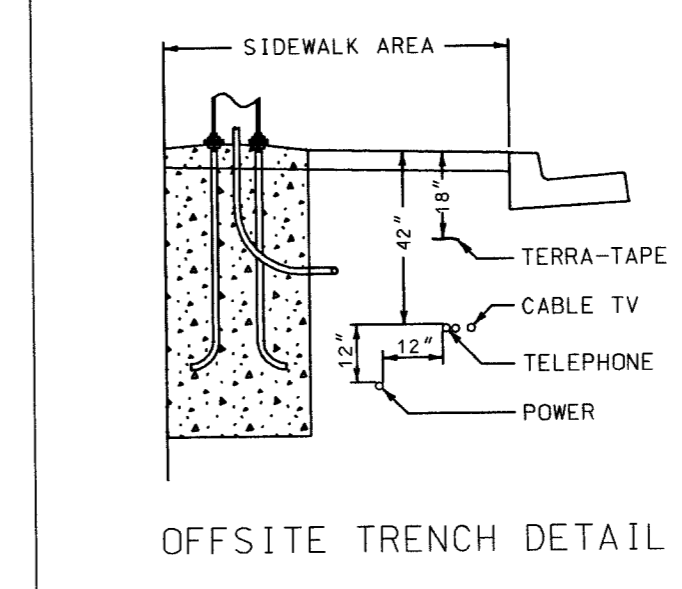
THE OWNER / CONTRACTOR MUST CALL FOR ALL SPRINT INSPECTIONS BEFORE SERVICE CAN BE PROVIDED. SEE CONSTRUCTION NOTE #17

RADIUS NOTE:  
MINIMUM RADIUS FOR CONDUIT BENDS IS 48" FOR 4" CONDUIT AND 36" MINIMUM FOR 2" CONDUITS.

- NOTES:
- THE OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS REQUIRED FOR THIS PROJECT.
  - ALL WORK MATERIAL IS BY THE OWNER.
  - ALL SPRINTS 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. SPRINT 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.

INSPECTION NOTE:  
ITEMS TO BE INSPECTED BY SPRINT INCLUDE THE CONDUIT, TRENCH, BACKFILL, TB OR TTC, THE #6 COPPER, PULL STRINGS IN THE CONDUIT, GROUTING AROUND CONDUITS ENTERING 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.

STUB-OUT NOTE:  
IT IS THE OWNERS/CONTRACTORS RESPONSIBILITY TO ASCERTAIN THE DEPTH AND LOCATION OF EXISTING STUB-OUTS. IF STUB-OUTS ARE NOT FOUND IN THE AREALOCATION SHOWN, CONTACT THE ENGINEER.



CONTRACTOR / DEVELOPER NOTE

- THE DEVELOPER 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 WORK DAY.
- 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: \_\_\_\_\_

OWNER/CONTACT: DANNY GALLEJO  
TELEPHONE: 735-0155

REVIEWED BY: Anne Murphy 6/23/04  
FACILITY ENGINEER DATE

APPROVED BY: [Signature] 7-12-04  
CITY OF LAS VEGAS DATE

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 \_\_\_\_\_

SPRINT PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

NO.	REVISION	ENGR.	MGR.	DATE
1	PLACED NEW PULLBOX AND REMOVED PROPOSED 510 M.H. ALSO PLACED NEW 2-4" PVC FOR FUTURE USE			
2	PLACED NEW PULLBOX AND REMOVED PROPOSED 400 PULLBOX. ALSO PLACED NEW 2-4" PVC TO BLD. PLACED STUB			

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

ANNE MURPHY 24178929 MN  
244-8717  
ANGEL PEREA 06/02/04

1" = 50'

1 OF 1

70786

RePlot 107V3860 JPR