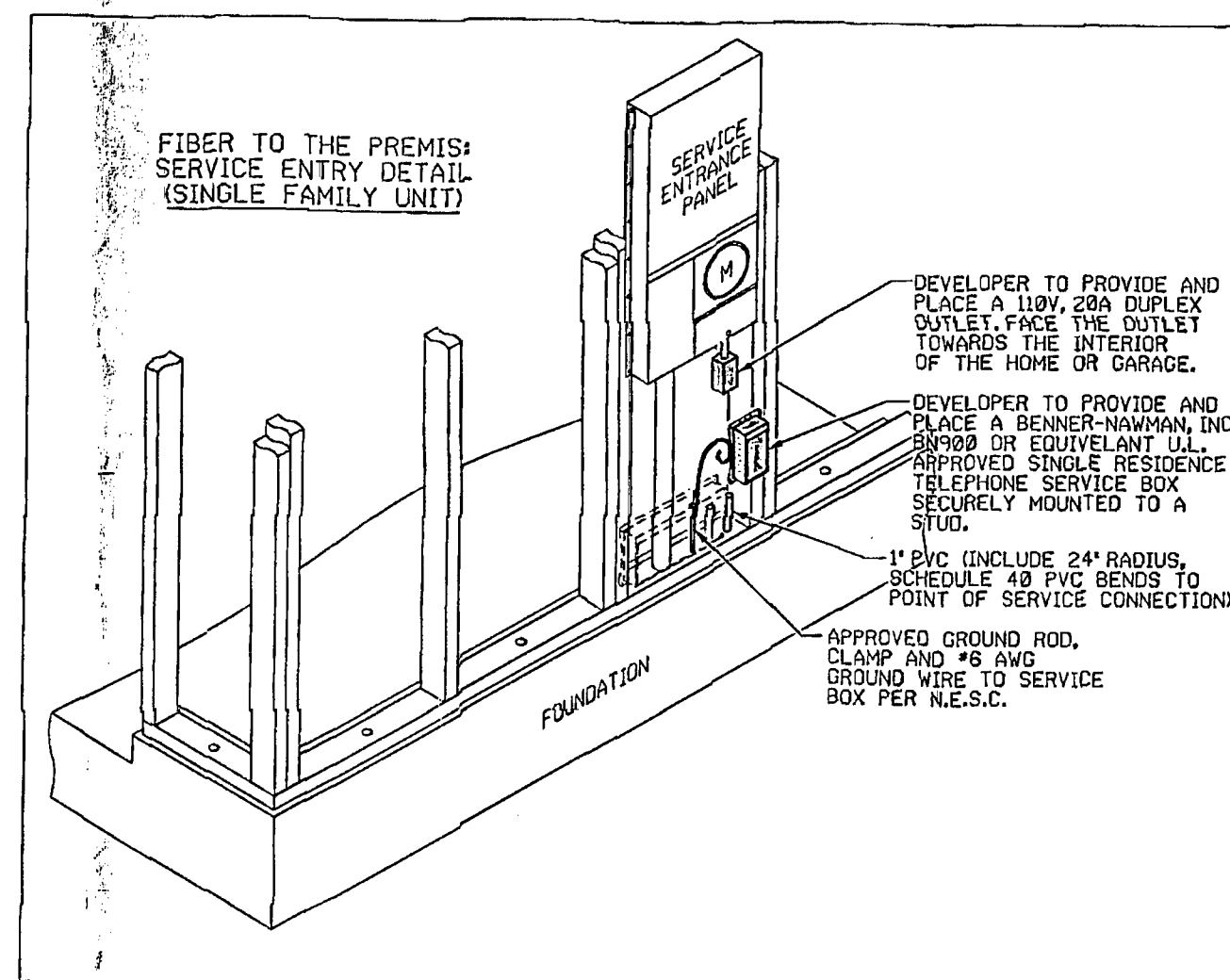
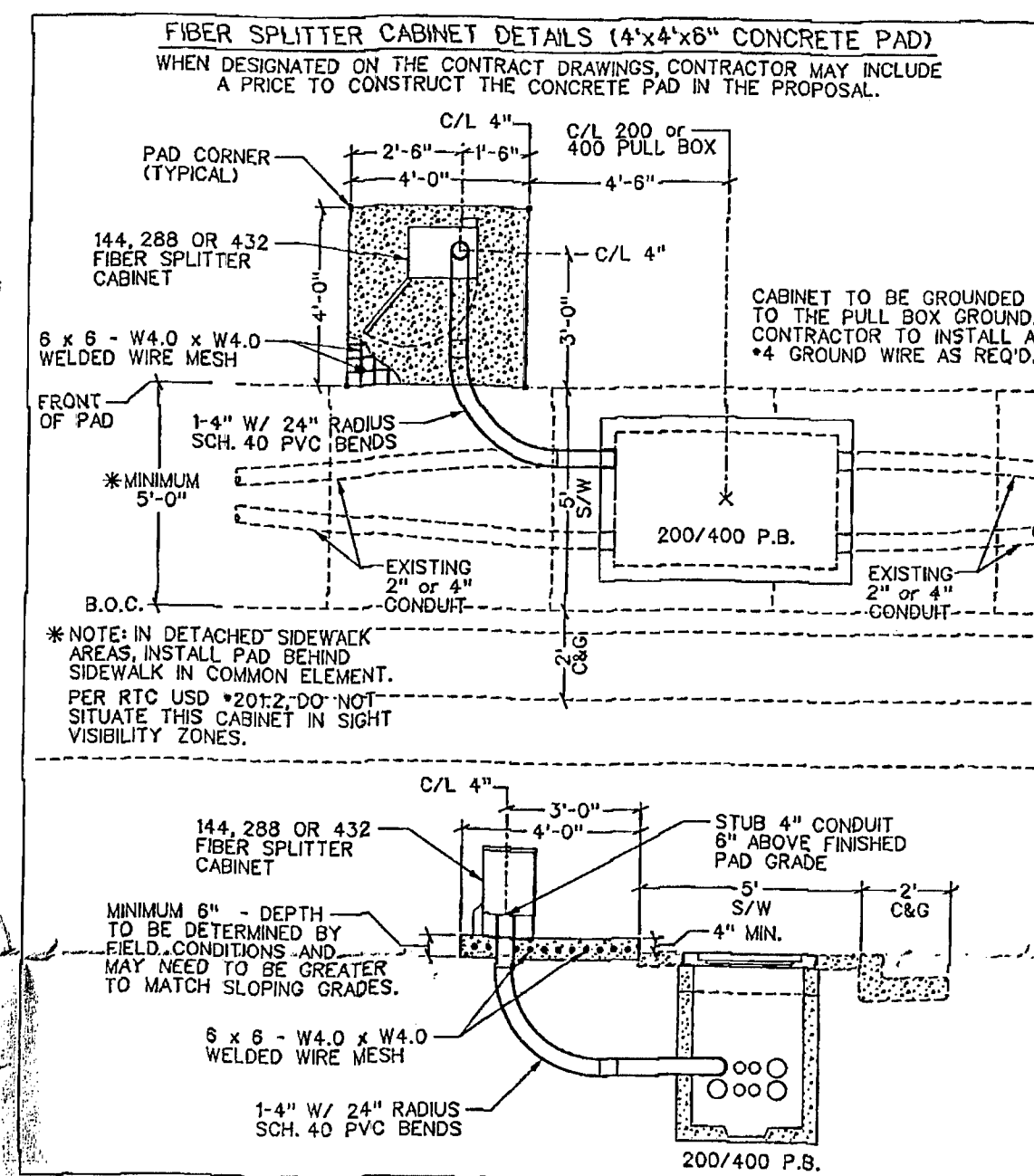


1. ALL CONSTRUCTION SHALL CONFORM TO THE NEVADA DIVISION OF CENTURYLINK SPECIFICATIONS SEE LATEST ISSUE FOR THE INSTALLATION OF UNDERGROUND RESIDENTIAL DISTRIBUTION TELEPHONE SYSTEM.
2. WHEN EXISTING TELEPHONE FACILITIES (POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, ETC.) ARE NOT AVAILABLE OR REQUIRED BY LOCAL JURISDICTION (I.E. STREETS, SIDEWALKS, OUTCROPS, ETC) THE DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING THE NECESSARY FACILITIES AS REQUIRED.
3. TRENCING, BACKFILLING AND RESTORATION WORK ARE TO BE PROVIDED BY THE DEVELOPER AND SHALL CONFORM TO THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA IRTD UNIFORM STANDARD SPECIFICATIONS.
4. ALL SUBSTRUCTURE SHOWN AS CENTURYLINK'S RESPONSIBILITY WILL BE REIMBURSED BASED UPON THE STANDARD CONTRACTOR PRICE LIST. CONTRACTOR MUST CONTACT THE CENTURYLINK ENGINEER FIRST FOR CURRENT PRICING. PRIOR TO CONSTRUCTION, CONTRACTOR TO SUBMIT A PROPOSAL FOR THE IN-PLACE REPAIRS TO MAINTAIN 12" MINIMUM SEPARATION FROM FINISH GRADE. CONTRACTOR SHALL PROVIDE THE CONTRACTOR A LETTER OF AUTHORIZATION (LOA) TO PROCEED. PAYMENT WILL BE BASED ON "ACTUAL" MATERIALS AND LABOR REQUIRED TO MAINTAIN 12" MINIMUM SEPARATION. ALL WORK MUST BE SUBMITTED TO CENTURYLINK ENGINEERING DEPARTMENT BEFORE PAYMENT IS PROVIDED.
5. ANY CONDUIT PLACED FOR DEVELOPER'S CONVENIENCE (I.E. STREET CROSSING, STUB-OUTS FOR FUTURE UTILITIES) WILL BE PLACED AT DEVELOPER'S EXPENSE.
6. TELEPHONE BOXES ARE TO BE PLACED IN THE SIDEWALK AREA WHENEVER POSSIBLE AND SITUATED TO AVOID THE NEED FOR CUTTING THROUGH THE TOP OF THE BOX TO A DEPTH TO MAINTAIN 36" COVER FROM FINAL GRADES TO TOP OF PIPE EXCEPT WHEN ENTERING TELEPHONE BOXES TO MAINTAIN 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. BOXES WILL BE ESTABLISHED TO FINISH GRADE.
7. TRENDH AND SUBSTRUCTURE TO A RESIDENCE MUST BE 18" FROM THE SIDE LOT LINE WITH A MINIMUM DEPTH 12" MAINTAIN 36" COVER FROM FINISH GRADE AND 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES.
8. CABLE RACKS WILL BE INSTALLED IN ALL 2'-0" X 3'-0" 3'-0" PULL BOXES AND LARGER PER CENTURYLINK SPECIFICATIONS.
9. ALL PULL BOXES 12'-0" X 3'-0" AND LARGER AND MANHOLES ARE TO BE GROUNDED WITH A 3/8" X 1/16" TURNED SUB 1/2" LONG RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3" ENDS STUBBED INSIDE.
10. ALL 2'-0" X 4' AND 3' X 5' PULL BOXES FOR DIRECT BURIED CABLE MUST BE INTERCEPT TYPE BOXES. PULL BOX PORTION MUST BE PRIOR TO CABLE PULL. UPPER PORTION WILL BE PLACED AFTER CABLE IS PULLED.
11. IN SOME CASES A PULL BOX MAY HAVE TO BE RELOCATED FROM THE POSITION SHOWN ON THE DRAWING DUE TO INTERFERENCE WITH OTHER UTILITIES SUCH AS STREET LIGHTS, ETC. IF SUCH RELOCATION IS REQUIRED BY AN ENGINEER, SAME WILL BE NOTIFIED PRIOR TO RELOCATION.
12. TELEPHONE BOXES AND SIDEWALK AREAS WILL BE REQUIRED TO HAVE A PROTECTIVE CONCRETE-REINFORCED CURB ENFORCED WITH REBAR AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK SPECIFICATIONS.
13. ALL PEDESTALS WILL BE PLACED NO CLOSER THAN 18" TO THE SIDE OF POWER TRANSFORMERS.
14. WHEN JOINING EXISTING STUB-OUTS, THE LOCATION AND VALIDITY OF THE STUB-OUTS ARE ASSUMED AND BASED ON RECORDS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND VALIDITY OF THE STUB-OUTS. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, PROVE AND PLACE PULL STRING IN THE EXISTING CONDUIT AS PART OF THE STUB-OUT. IF THE CONTRACTOR CANNOT LOCATE OR PROVE THE EXISTING CONDUIT, THE CONTRACTOR IS IDENTIFIED AS BEING DAMAGED THEN THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR THE RE-ENFORCEABLE SERVICE (I.E. MANHOLE OR PULL BOX) AT THE EXISTING TRUE POINT OF ENTRY TO THE NEW CONDUIT. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR THE RE-ENFORCEABLE SERVICE (I.E. MANHOLE OR PULL BOX) AT THE EXISTING TRUE POINT OF ENTRY TO THE NEW CONDUIT.
15. THE CONTRACTOR SHALL PROVIDE AND MANHOLE ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANHOLE SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
16. THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT VENT. ALL CONDUIT SECTIONS, ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 3/32" TENSILE STRENGTH TAPE.
17. A POLYETHYLENE DUCT PULL SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR SUBBED.
18. WHEN DESIGNATED IN THE CONTRACT DRAWINGS AS WITH A GROUNDING SYMBOL, THE DEVELOPER/CONTRACTOR SHALL PROVIDE AND INSTALL A #6 AND A GROUNDING SYMBOL WITH THE #6 PVC INSULATION FROM A PULL BOX OR MANHOLE TO THE NEAREST POWER TERMINAL WHEN LOCATED WITHIN THE SERVICE AREA. THE LEAD FROM THE PULL BOX OR MANHOLE TO THE NEAREST POWER TERMINAL END INSIDE THE SUBSTRUCTURE AND INCLUDE ALL CLAMPS NECESSARY TO FASTEN THE BRANDING TO THE BRANDING AND TO THE SUBSTRUCTURE. THE GROUND WIRE SHALL ENTER THE SUBSTRUCTURE THROUGH THE #1 PVC GROUND SLEEVE.
19. THE DEVELOPER SHALL PROVIDE A #6 COPPER GROUND WIRE FROM EACH TERMINAL CABINET, BACKBOARD AND/OR NETWORK INTERFACE DEVICE (NID) FOR A SINGLE FAMILY UNIT TO A COMMON GROUND WITH THE ENERGY FOR THE RATIO. ALL ELECTRICAL SAFETY CODE SPECIFICATIONS, ALL TERMINAL CABINETS WILL HAVE A 2" METAL RISER.
20. IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THIS TRENDH AND SUBSTRUCTURE DESIGN NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEER APPROVAL.
21. CALL 244-7181 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY. ALLOW 48 HOURS ADVANCE NOTICE FOR CONDUIT AND PULL BOXES. CONDUIT AND PULL BOXES WILL BE INSPECTED IN SECTIONS. THE 48 HOURS BEGINS AFTER THE CENTURYLINK INSPECTOR APPROVES THE OPEN TRENCH.



ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

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

OR
1-800-227-2600

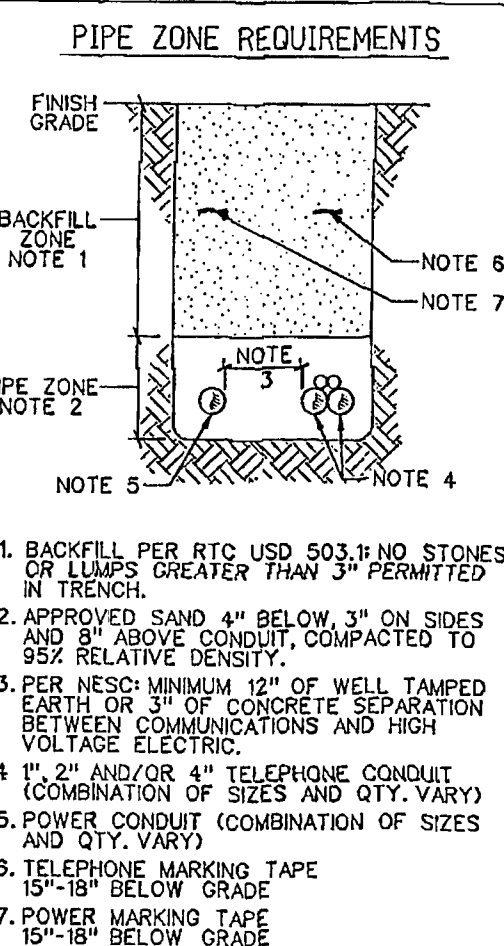
COVER SHEET for
RESIDENTIAL TRENCH & SUBSTRUCTURE
FIBER TO THE PREMIS (FTTP)
CITY OF LAS VEGAS

T & S LEGEND

EXISTING	PROPOSED	
		MANHOLE - INCLUDE REQUIRED GRADE RINGS, RACKING, GROUNDING, STEP RUNS AND LADDER - REFER TO DRAWING FOR SIZE
		100 PULL BOX (3'0" x 5'0" x 4'0" L.D.) - WITH 2" MINERALS INSULATION TORSION-ASSISTED TRAFFIC RATED LIDS MARKED "TELCO", GALVANIZED STEEL ADJUSTING FRAME, AND FOUR (4) 18 HOLE CABLE RINGS (2 EA. SIDE).
		200 PULL BOX (2'5" x 4'0" x 4'0" L.D.) - WITH TWO (2) H-20-44 LOADING, HOT DIP GALVANIZED PLATE TRAFFIC RATED LIDS MARKED "TELCO", GALVANIZED STEEL ADJUSTING FRAME AND FOUR (4) 18 HOLE CABLE RINGS (2 EACH SIDE).
		100 PULL BOX (2'0" x 3'0" x 3'0" L.D.) - WITH TWO (2) H-20-44 LOADING, HOT DIP GALVANIZED BOLT DOWN BEAM & PLATE TRAFFIC COVERS MARKED "TELCO" AND FOUR (4) 18 HOLE CABLE RINGS ON ONE SIDE OF PULL BOX
		30 PULL BOX (17" x 30" x 30" L.D.) - CONDUIT PROTECTS - P.C.C. TYPE PULL BOX (ES-30 OR T-30CC) CONDUIT BURIED PROJECTS - POLYMER TYPE PULL BOX (P-30 OR T-30 POLY)
		18 HAND HOLE (9" x 15" x 12" L.D.)
		PROPOSED GROUND ANCHORAGE AT POWER TRANSFORMER.
		PROPOSED CENTURYLINK FIBER SPLITTER CABINET.
		PROPOSED BACKBONE CONDUIT. P.C.C. OR DIRECT BURIAL GRADE D.B. 60 FOR 1" 2" & 3" D.B. 120 FOR 4"
		PROPOSED 1" SERVICE CONDUIT (number indicates amount of 1" conduits in back section of trench)
		EXISTING CONDUIT PROPOSED TRENCH ROUTE (DIRECT BURIED PROJECTS)
		UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT WITH A LOCKING, KEY-CHANGED DOOR EQUIPPED INSIDE WITH A 3/4" PLYWOOD BACKBOARD (1" SMALLER THAN EXISTING) CENTERED IN CABINET SECURED WITH RECESSED MOUNTING HARDWARE AND A # 6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATIONS GROUNDING SOURCE AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR EMPLOYMENT. MINIMUM CABINET AT EYE LEVEL A MINIMUM OF 48" ABOVE FINISH GRADE.
		TELEPHONE TERMINAL BACKBOARD (T.T.B.) - 3/4" PLYWOOD BACKBOARD TREATED WITH FIRE RETARDANT PAINT OR SEALER AND A # 6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATIONS GROUNDING SOURCE AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR EMPLOYMENT. MINIMUM CABINET AT EYE LEVEL A MINIMUM OF 48" ABOVE FINISH GRADE.

RTC SOUTHERN NEVADA NOTES:

- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES: 500.1, 500.2, 500.3, 500.4 AND 500.5
- FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
- FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.1
- FOR BACKFILL REQUIREMENTS SEE RTC STANDARD DRAWING SEE RTC UNIFORM STANDARD DRAWING: 503.1
- SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS



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W.O. 605402 Sheet 1 of 2
ENGINEER: Barbara Oerke-Amber
DATE: 12/5/2013

