

# UTILITY PLACEMENT WITHIN CORR CONTROLLED AREA

## GENERAL NOTES SHEET

1. UTILITY LINE IS A PUBLIC OR PRIVATE POWER, COMMUNICATION, TELEVISION, GAS, FIBER OPTIC AND IRRIGATION (DRY OR PRESSURE) LINE, CABLE, CONDUIT, PIPE OR TUBING.
2. UTILITY CLUSTER IS ANY NUMBER AND MIX OF DIRECT BURIED "DRY" UTILITY LINES IN A VERTICAL, HORIZONTAL OR BUNDLE CONFIGURATION.
3. ENCASUREMENT IS ANY NUMBER OF CONDUITS, CASING PIPES (CONCRETE, PVC, CONDUIT BANK, WELDED STEEL, ETC.), AND/OR PROTECTIVE ARMOR BEDDING (CONCRETE, FLOWABLE FILL, ETC.)
4. ALL TRENCH SAFETY SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
5. UTILITY WORK SITE IS THE LOCATION WHERE A UTILITY IS MAINTAINED, REPAIRED AND/OR INSTALLED.
6. A COPY OF THE PERMIT IS REQUIRED ON THE UTILITY WORK SITE IN/ON CORR OWNED/LEASED PROPERTY, ROW, CORR EASEMENT OR PUE IMPACTING VEHICLE/PEDESTRIAN TRAFFIC, SAFETY OR CAUSES LIABILITY (TEMPORARY/LONG TERM). THIS EXCLUDES UNACCEPTED SUBDIVISIONS, CIP, STATE OR FEDERAL CONTROLLED PROPERTY, PRIVATELY CONTROLLED EASEMENTS & PRIVATELY OWNED PROPERTY.
7. VARIANCE FROM THESE STANDARDS IS ONLY ALLOWED, IF DETAILED PLANS HAVE WRITTEN APPROVAL BY THE CORR BEFORE CONSTRUCTION STARTS.
8. PUBLIC AREA EXCAVATION MUST BE BARRICADED WITH APPROVED VEHICLE AND PEDESTRIAN TRAFFIC CONTROL DEVICES BEFORE CONSTRUCTION STARTS.
9. INACTIVE (NO PERSONNEL PRESENT) EXCAVATION OUTSIDE OF AN EXISTING PAVEMENT, LEFT OPEN OVERNIGHT, MUST HAVE PEDESTRIAN FENCING & PLATING.
10. INACTIVE EXCAVATION MAY NOT REMAIN OPEN OVER A WEEKEND OR HOLIDAY WITHOUT PRIOR WRITTEN APPROVAL FROM THE CORR AND SAFE GUARDS.
11. TOTAL TRENCH WIDTH SHALL BE THE SUM OF THE OUTSIDE DIMENSION (OD) OF THE UTILITY CLUSTER OR ENCASUREMENT PLUS A MINIMUM OF 2" IF THE OD IS LESS THAN 6 1/2", PLUS 6" IF THE OD IS BETWEEN 6 1/2" & 18", PLUS 12" IF THE OD IS MORE THAN 18" WITH A MAXIMUM OF 24".
12. FOR A UTILITY WORK SITE IN AN AREA THAT IS SCHEDULED FOR FUTURE PAVEMENT, SEE: ASPHALT PAVED AREA TRENCH (APAT) (DU-03) DETAIL.
13. FOR A UTILITY WORK SITE IN AN AREA THAT HAS EXISTING PAVEMENT, SEE: PROPOSED PAVEMENT AREA TRENCH (PPAT) (DU-04) DETAIL.
14. FOR A CROSSING OF A CORR OWNED UTILITY, SEE: UTILITY CROSSING INSTALLATION (UC) (DU-05) DETAIL.
15. REQUIRED ENCASEMENT MAY BE SCHEDULE 40 PVC, EXCEPT GAS, WHICH MUST BE SCHEDULE 40 WELDED JOINT STEEL OR SCHEDULE 80 PVC. OTHER TYPES OF ENCASEMENT REQUIRE CORR WRITTEN APPROVAL.
16. ALL ELECTRICAL CONDUCTIVE LINES (OVER 60 VOLTS) MUST BE ENCASED.
17. ALL UTILITY LINES MUST BE ENCASED UNDER EXISTING AND PROPOSED PAVEMENT, CROSSING ABOVE CORR LINES AND UNDER PROTECTED TREES.
18. WASHED SAND BEDDING MUST BE USED IN THE INSTALLATION WHEN WITHIN 10' OF A CORR OWNED UTILITY LINE, EXCEPT IN EXISTING PAVEMENT.
19. REQUIRED WASHED SAND BEDDING IN A TRENCH WITH SIDE WALL CLEARANCE LESS THAN 3" IS SMALL GRAIN (MAXIMUM 1/16") AND IN A TRENCH WITH SIDE WALL CLEARANCE MORE THAN 3" IS LARGE GRAIN (MAXIMUM 3/16"). BEDDING MUST BE CONSOLIDATED TO MINIMIZE AIR VOIDS.
20. ALL OF THE AREA(S) DISTURBED DIRECTLY BY, INDIRECTLY BY OR BECAUSE OF THE UTILITY WORK, WILL BE INCLUDED IN THE CLEAN UP.
21. CLEAN UP INCLUDES DRESS-OUT, EROSION CONTROL MAINTENANCE/REMOVAL, RESTORATION, DEBRIS REMOVAL/DISPOSAL & PAVEMENT SWEEPING/WASHING.
22. RESTORATION (INCLUDING FERTILIZER) SHALL INCLUDE, AT A MINIMUM:
  - A) ANY LAWN LIKE AREAS - SOLID SODDING WITH GRASS LIKE EXISTING OR APPROVED BETTER.
  - B) GRADES 5% OR LESS - HYDRO-MULCHED.
  - C) GRADES ABOVE 5% TO 10% - MATTED AND HYDRO-MULCHED.
  - D) GRADES ABOVE 10% TO 25% - SOLID SODDING WITH GRASS LIKE EXISTING OR APPROVED BETTER.
  - E) GRADES ABOVE 25% - DETAIL PLANS AND CORR WRITTEN APPROVAL REQUIRED.

### LEGEND FOR DU SHEETS

PVC	POLYVINYL CHLORIDE PIPE OR CONDUIT
OD	OUTSIDE DIAMETER
GALS	UNITED STATES GALLONS - UNIT OF VOLUME
LBS	UNITED STATES POUNDS - UNIT OF WEIGHT
CORR	CITY OF ROUND ROCK
PUE	PUBLIC UTILITY EASEMENT
SY	UNITED STATES SQUARE YARDS - UNIT OF AREA
"	UNITED STATES INCH OR INCHES - UNIT OF LENGTH
'	UNITED STATES FOOT OR FEET - UNIT OF LENGTH
ETC	ABBREVIATION FOR ET CETERA, IN HENCE TO BE "AND SO FORTH"
ROW	RIGHT OF WAY OR RIGHTS OF WAY
LAB	ABBREVIATION FOR LABORATORY
°	UNITED STATES DEGREE - UNIT OF ANGLE
TV	TELEVISION

**SCALE: NTS**

**DRAWING NO:  
DU-01  
SHEET 1 of 1**

**RECORD SIGNED COPY  
ON FILE  
APPROVED**

**01-28-21  
DATE**

**THE ARCHITECT/ENGINEER ASSUMES  
RESPONSIBILITY FOR THE APPROPRIATE  
USE OF THIS DETAIL.**

# CITY OF ROUND ROCK

## DRY UTILITY DETAILS GENERAL NOTES SHEET



<b>Standard Construction Details Change Control Record</b>
<b>Dry Utility</b>

CoRR Drawing	Sheet	Title	Revision	Status
DU-01	1 of 1	Dry Utility Details General Notes Sheet	5/21/2018	Revised
DU-02	1 of 1	Unpaved Area Trench (UAT) Detail	5/21/2018	Revised
DU-03	1 of 1	Asphalt Paved Area Trench (APAT) Detail	5/21/2018	Revised
DU-04	1 of 1	Proposed Pavement Area Trench (PPAT)	5/21/2018	Revised
DU-05	1 of 1	Utility Crossing Installation (UC) Detail	5/21/2018	Revised
DU-06	1 of 1	Standard Utility Assignments within Residential Development Detail	5/21/2018	Revised
DU-07.1	1 of 4	Joint Trench Detail (Electric, Telephone, Cable and Gas)	5/21/2018	Revised
DU-07.2	2 of 4	Joint Trench Detail (Duct Bank Line)	5/21/2018	Added
DU-07.3	3 of 4	Joint Trench Detail (Duct Bank Lines)	5/21/2018	Added
DU-07.4	4 of 4	Joint Trench Detail (Typical Communication & Electrical Duct Allocations)	5/21/2018	Added
DU-08	1 of 1	Installation of Street Lighting on Major Urban Pavement with 12" x 12" Pull Box Detail	5/21/2018	Revised
DU-09	1 of 1	Dry Utility Bore Under Existing Roadway	5/21/2018	Revised
L-7815C	1 of 1	Ornamental Street Lighting Fixture and Post Specification	5/21/2018	Revised
Oncor 213-525	1 of 1	Street Light Luminaire Cobra Head	5/21/2018	Oncor Standard
Oncor 213-330	1 of 1	Street Light Foundation 25',30' &40' Square Steel Pole and 40' M.H. Round Steel Pole	5/21/2018	Oncor Standard
Oncor 213-120	1 of 1	Street Light Secondary Connection Box	5/21/2018	Oncor Standard
Oncor DDS 4 UG-1	1 of 57	Termination of Primary Conduit at Riser Pole	5/21/2018	Oncor Standard
Oncor DDS 4 UG-2	2 of 57	Trench Requirements	5/21/2018	Oncor Standard
Oncor DDS 4 UG-3	3 of 57	Trench Requirements Joint Use Electric, Gas and Communication	5/21/2018	Oncor Standard
Oncor DDS 4 UG-4	4 of 57	Joint Use Trench with Gas, Electric and Communication	5/21/2018	Oncor Standard
Oncor DDS 4 UG-5	5 of 57	Trench Requirements Joint Use Electric and Gas	5/21/2018	Oncor Standard
Oncor DDS 4 UG-6	6 of 57	Trench Requirements Joint Use Electric and Communication	5/21/2018	Oncor Standard
Oncor DDS 4 UG-7	7 of 57	Installation of Conduits Notes and Instructions	5/21/2018	Oncor Standard
Oncor DDS 4 UG-8	8 of 57	Instructions for Joining PVC Conduit	5/21/2018	Oncor Standard
Oncor DDS 4 UG-9	9 of 57	Conduit Bend Radius and Material	5/21/2018	Oncor Standard
Oncor DDS 4 UG-10	10 of 57	Concrete Encased Bends	5/21/2018	Oncor Standard
Oncor DDS 4 UG-11	11 of 57	Clearance from Foreign Utilities on Private Property	5/21/2018	Oncor Standard