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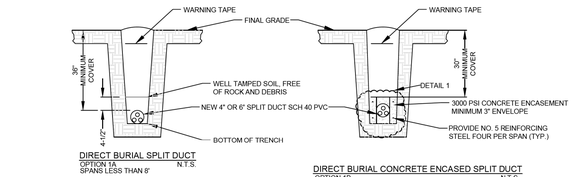
5/14/99

REVISIONS

1. BOTTOM OF TRENCH SHALL BE FREE OF LOOSE ROCK. SOLID ROCK AT BOTTOM OF TRENCH SHALL BE COVERED WITH 4 INCH LAYER OF COMPACTED SOIL. IF SOLID ROCK IS ENCOUNTERED AT A DEPTH LESS THAN SPECIFIED, CONSULT ENGINEER. IF TRENCH CROSSES FILL DIRT, BOTTOM OF TRENCH SHALL BE COMPACTED BEFORE INSTALLING ANY CABLE.
2. BACKFILL SHALL BE FREE OF ROCK AND DEBRIS. TAMP THE FIRST 12 INCHES OF BACKFILL ABOVE DIRECT BURIED FEEDER CABLES. TAMP THE FIRST 6 INCHES OF BACKFILL FOR ALL OTHER CABLES. ENTIRE TRENCH DEPTH SHALL BE TAMPED FOR RESIDENTIAL SERVICE LATERALS, UNDER AREAS TO BE PAVED, AND ALL STREET CROSSINGS. TAMPED MEANS SOIL COMPACTION TO THAT OF UNDISTURBED EARTH USING ALTERNATE BACKFILL AND TAMPING. IN ALL OTHER CASES UNLESS SPECIFIED BY THE ENGINEER, BACKFILLS ABOVE THE BOTTOM TAMPED LAYER SHALL BE COMPACTED SUCH THAT WASHING AND SETTLING OF THE TRENCH SURFACE SHALL NOT OCCUR.
3. REFER TO SPECIFICATIONS FOR COMPLETER INSTALLATION.
4. ALL WORK SHALL BE PLANNED AND COORDINATED WITH THE AFFECTED UTILITY PROVIDER.
5. ALL WORK SHALL BE PERFORMED BY OR UNDER THE DIRECT SUPERVISION OF A LICENSED ELECTRICAL CONTRACTOR.
6. UTILITY PROVIDER WILL BE RESPONSIBLE FOR SECTIONALIZING AND DE-ENERGIZING THE CONDUCTOR.
7. ALL AFFECTED OUTAGE CUSTOMERS SHALL BE NOTIFIED IN WRITING 48 HOURS IN ADVANCE. OUTAGE SHALL BE KEPT TO A MAXIMUM OF 2 HOURS PER HOUSEHOLD.
8. ALL MATERIALS SHALL BE IN ACCORDANCE WITH N.E.C. REQUIREMENTS.
9. CONTRACTOR SHALL UTILIZE ALL SAFETY PROCEDURES PER NATIONAL ELECTRIC SAFETY CODE AND O.S.H.A.
10. ELECTRICAL CABLES DAMAGED DUE TO UNCOVERING CONDUCTORS, THE UTILITY PROVIDER SHALL REPAIR AT THE CONTRACTOR'S EXPENSE.

| ELECTRICAL NOTES DETAIL | | | FAYETTEVILLE PUBLIC WORKS COMMISSION FAYETTEVILLE, N.C. | | NO. | DATE | REVISION |
|---|---|---|---|---|---|---|---|
| SHEET NO. 1 OF 1 | DWG. NO. M.9 | DWG. BY: FAYPWC | WATER RESOURCES ENGINEERING DEPARTMENT | PWC | 1 | 07/23/03 | DELETED NOTE 1 AND RENUMBERED SHEET |
| | DATE: JULY 01, 2024 | APPROVED BY: M.M.M. | | | | | |

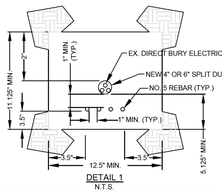
M9-ELEC-DETAILS.dwg



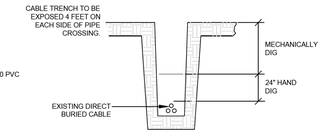

DIRECT BURIAL SPLIT DUCT
OPTION 1A
SPANS LESS THAN 8'
N.T.S.




DIRECT BURIAL CONCRETE ENCASED SPLIT DUCT
OPTION 1B
SPANS MORE THAN 8'
N.T.S.




DETAIL 1
N.T.S.




UNCOVERING EXISTING CABLE
N.T.S.

| UNDERGROUND ELECTRIC CABLE BURIAL AND UNCOVERING DETAIL N.T.S. | | | FAYETTEVILLE PUBLIC WORKS COMMISSION FAYETTEVILLE, N.C. | | NO. | DATE | REVISION |
|---|---|---|---|---|---|---|---|
| SHEET NO. 1 OF 1 | DWG. NO. M.10 | DWG. BY: FAYPWC | WATER RESOURCES ENGINEERING DEPARTMENT | PWC | 1 | 07/23/03 | ADDED DETAIL 1, RENUMBERED SHEET |
| | DATE: JULY 01, 2024 | APPROVED BY: M.M.M. | | | | | |

M10-ELEC-DETAILS.dwg




BORING UNDER CABLE
N.T.S.

| BORING UNDER ELECTRIC CABLE DETAIL N.T.S. | | | FAYETTEVILLE PUBLIC WORKS COMMISSION FAYETTEVILLE, N.C. | | NO. | DATE | REVISION |
|---|---|---|---|---|---|---|---|
| SHEET NO. 1 OF 1 | DWG. NO. M.11 | DWG. BY: FAYPWC | WATER RESOURCES ENGINEERING DEPARTMENT | PWC | 1 | 07/23/03 | RENUMBERED SHEET |
| | DATE: JULY 01, 2024 | APPROVED BY: M.M.M. | | | | | |

M11-ELEC-DETAILS.dwg

CDM Smith
CDM Smith Inc.
5400 Glenwood Avenue
Suite 400
Raleigh, NC 27612-3228
NC COA No. F-1255

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| U-3422 | UC-031 |
| DESIGNED BY: SSM | |
| DRAWN BY: SSM | |
| CHECKED BY: HMH | |
| APPROVED BY: MAP | |
| REVISED: | |

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
PHONE:(919)707-6690
FAX:(919)250-4151

Signed By: Michael A. Pollard
NORTH CAROLINA PROFESSIONAL SEAL 045468 ENGINEER MICHAEL A. POLLARD, JR.
11/14/2024

UTILITY CONSTRUCTION PLANS ONLY

# UTILITY CONSTRUCTION

NOTE:

ANY REFERENCE TO FAYPWC PROJECT COORDINATOR, PWC COORDINATOR OR FAYPWC (FAYETTEVILLE PUBLIC WORKS COMMISSION) SHALL BE INTERPRETTED AS A REFERENCE TO THE ENGINEER.

SYSTIME
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