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STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

Kimley >>> Horn
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| PROJECT REFERENCE | NO. | SHEET NO. |
|--|-------|--|
| R-5930A | | UC-2 |
| DESIGNED BY: NLH | | White the state of |
| DRAWN BY: JNB | | CAROLINA SESSION |
| CHECKED BY: NDR | Docus | Sign of Egglow |
| APPROVED BY: NLH | Na | |
| REVISED: | | 1F1BD89400249 |
| NORTH CAROLINA DEPARTMENT OF TRANSPORTATION | | NCINE HAMINING TY 2023 |
| UTILITIES ENGINEERING SEC. PHONE: (919)707-6690 FAX: (919)250-4151 | | TY CONSTRUCTION PLANS ONLY |

UTILITY CONSTRUCTION

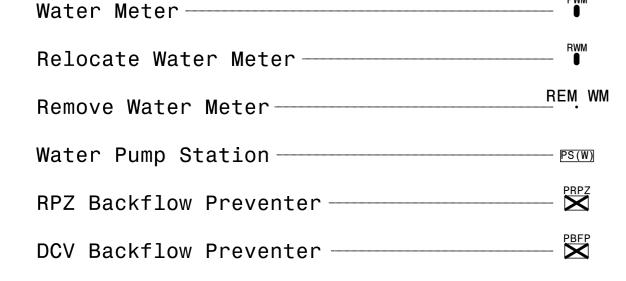
UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS Water Line (Sized as Shown) 1114 Degree Bend 221/2 Degree Bend 45 Degree Bend 90 Degree Bend Plug

| _ | | |
|----------|---------|-------------|
| 90 Degre | ee Bend | +‡ |
| Plug | | þ |
| Tee — | | # |
| Cross — | | +‡+ |
| Reducer | | > |

| Gate Valve | GV |
|----------------------------|-------|
| Butterfly Valve ——————— | BV |
| Tapping Valve —————— | TGV |
| Line Stop | LS |
| Line Stop with Bypass————— | LS/BP |

| 310W Off | |
|--|-----------------|
| Fire Hydrant ———————————————————————————————————— | PFH ◆ |
| Relocate Fire Hydrant ———————————————————————————————————— | REH |
| Remove Fire Hydrant———————————————————————————————————— | EM F |



Relocate RPZ Backflow Preventer

Relocate DCV Backflow Preventer

PROPOSED SEWER SYMBOLS

| Gravity Sewer Line(Sized as Shown) | 12" SS |
|---|---------|
| Force Main Sewer Line | 12" FSS |
| Manhole (Sized per Note) | |
| Sewer Pump Station ———————————————————————————————————— | |

PROPOSED MISCELLANOUS UTILITIES SYMBOLS

| Power Pole — | 6 |
|---------------------------------------|---------------------|
| Telephone Pole — | -0 - |
| Joint Use Pole ————— | - |
| Telephone Pedestal ———— | TEL PED |
| Utility Line by Others(Type as Shown) | PROP O/H POW LINES— |
| Trenchless Installation ————— | 12" TL INSTALL |
| Encasement by Open Cut — | 24" ENCAS BY OC |
| Encasement — | 24" ENCASEMENT |

| Thrust | Block ———————————————————————————————————— | |
|---------|--|---------------|
| Air Rel | ease Valve | AR • |
| Utility | Vault | UV |
| Concret | e Pier | CP. |
| Steel P | ier —————— | SP |
| Plan No | te — | |
| Pay Ite | m Note | NOTE PAY ITEM |

EXISTING UTILITIES SYMBOLS

| Power Pole — | • |
|---|----------------|
| Telephone Pole — | • |
| Joint Use Pole | - |
| Utility Pole—————— | • |
| Utility Pole with Base ————— | ⊡ |
| H-Frame Pole | •—• |
| Power Transmission Line Tower———— | \boxtimes |
| Water Manhole ——————— | W |
| Power Manhole — | ® |
| Telephone Manhole ————— | \bigcirc |
| Sanitary Sewer Manhole ————— | • |
| Hand Hole for Cable ————— | H _H |
| Power Transformer — | M |
| Telephone Pedestal ————— | T |
| CATV Pedestal ——————— | C |
| Gas Valve —————— | \Diamond |
| Gas Meter ———————— | ♦ |
| Located Miscellaneous Utility Object — | 0 |
| Abandoned According to Utility Records $-$ | AATUR |
| End of Information ———————————————————————————————————— | E.O.I. |

| *Underground | Power Line | | - P |
|--------------|---|----------|--------------|
| *Underground | Telephone Cable — | | -т |
| *Underground | Telephone Conduit | | тс |
| *Underground | Fiber Optics Telephone Cable | | T F0 |
| *Underground | TV Cable | | -тv |
| *Underground | Fiber Optics TV Cable | 1 | V F0 |
| *Underground | Gas Pipeline — | | - G |
| Aboveground | Gas Pipeline — | A | ′G Gas |
| *Underground | Water Line | | - w |
| Aboveground | Water Line | A. | /G Water |
| *Underground | Gravity Sanitary Sewer Line- | _ | -ss |
| Aboveground | Gravity Sanitary Sewer Line- | A/G Sc | nitary Sewer |
| *Underground | SS Forced Main Line | | FSS——— |
| Underground | Unknown Utility Line — | | - ?UTL |
| SUE Test Hol | .e | • | |
| Water Meter- | | 0 | |
| Water Valve | | 8 | |
| Fire Hydrant | | ÷ | |
| Sanitary Sew | ver Cleanout ———————————————————————————————————— | \oplus | |
| | | | |

| *For Existing Utilities | |
|--------------------------------|--|
| Utility Line Drawn from Record | |
| Designated Utility Line | |