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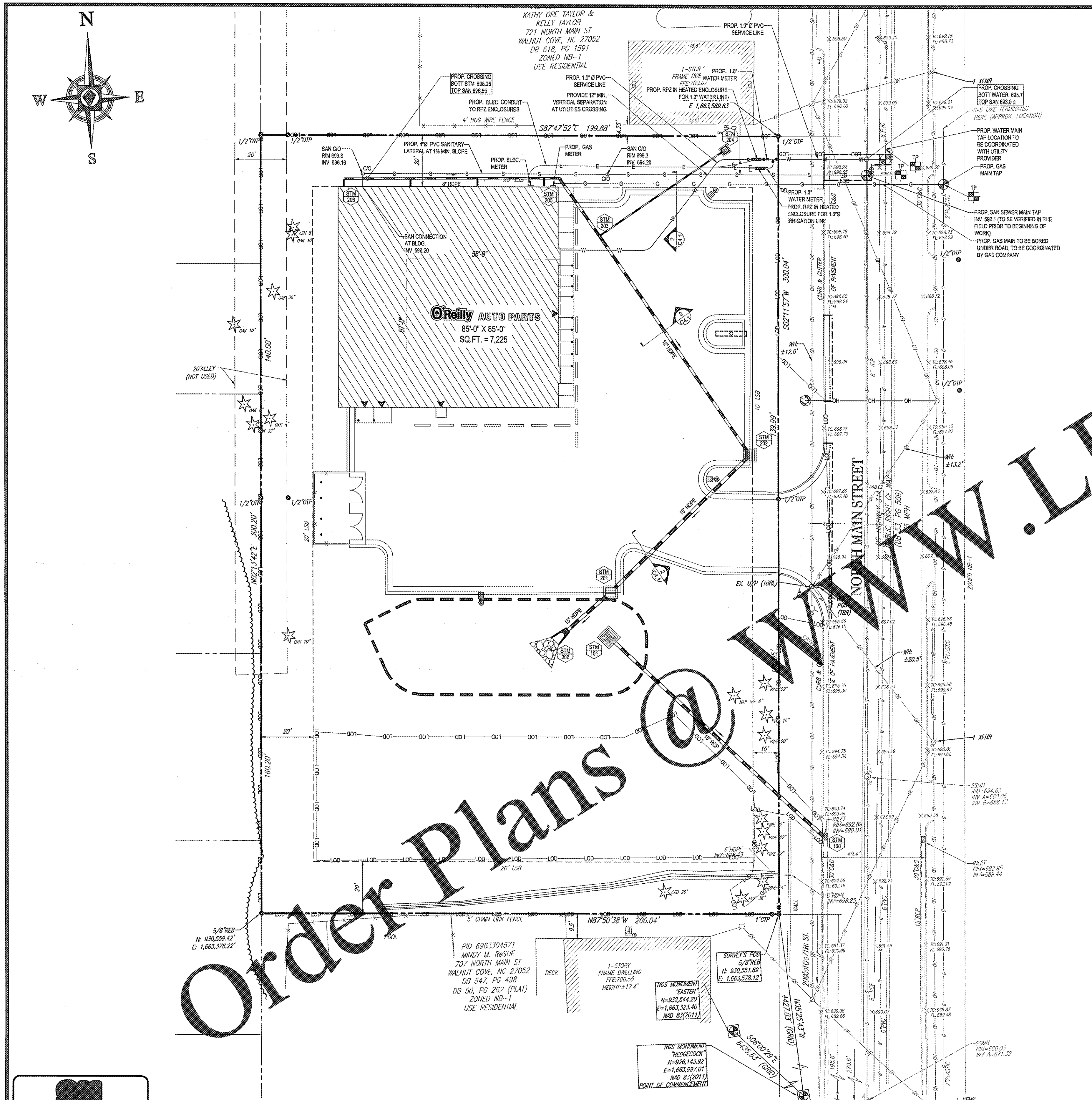
1736 E. SUNSHINE ST. SUITE 417
SPRINGFIELD, MO




KNOW WHAT'S BELOW
ALWAYS CALL 811
**BEFORE YOU DIG**
It's fast. It's free. It's the law.

**1 SITE UTILITY PLAN**
C4.1 SCALE: 1" = 20'

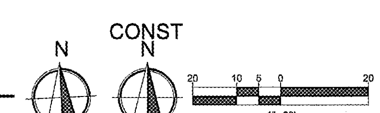
## STORM STRUCTURE SCHEDULE

| NAME | TYPE | RIM ELEV. (FT.) | INVERTS |
|---|---|---|---|
| 100 | EXST. CURB INLET | 692.89' | INV IN = 690.20' (15") |
| 101 | 4'X4' OUTLET CTRL STRCT. | 697.50' | INV OUT = 694.00' (15") |
| 200 | PROP. FES | | INV IN = 694.00' (15") |
| 201 | CURB INLET NCDOT 840.02 | 699.11' | INV IN = 694.09' (15")<br>INV OUT = 694.09' (15") |
| 202 | CURB INLET NCDOT 840.02 | 699.61' | INV IN = 694.34' (12")<br>INV OUT = 694.34' (15") |
| 203 | CLEANOUT | 700.26' | INV IN = 694.68' (12")<br>INV IN = 694.68' (6")<br>INV OUT = 694.68' (12") |
| 204 | 2'X2' YARD INLET | 698.00' | INV OUT = 694.88' (6") |
| 205 | CLEANOUT | 699.76' | INV IN = 697.67' (8")<br>INV OUT = 697.67' (12") |
| 206 | CLEANOUT | 700.34' | INV OUT = 698.50' (8") |

* NCDOT CURB INLET STRUCTURE (DETAIL 840.03) RIM ELEVATION SHALL BE MEASURED FROM THE TOP OF CURB

## STORM SEWER PIPE SCHEDULE

| FROM | FROM INV | TO | TO INV | PIPE LENGTH | SLOPE (%) | DIAMETER (IN.) | MATERIAL |
|---|---|---|---|---|---|---|---|
| 101 | 694.00' | 100 | 690.20' | 112.91' | 3.37% | 15" | RCP |
| 201 | 694.09' | 200 | 694.00' | 26.59' | 0.33% | 15" | HDPE |
| 202 | 694.34' | 201 | 694.09' | 75.66' | 0.33% | 15" | HDPE |
| 203 | 694.68' | 202 | 694.34' | 102.18' | 0.33% | 12" | HDPE |
| 204 | 694.88' | 203 | 694.68' | 59.06' | 0.33% | 6" | HDPE |
| 205 | 697.67' | 203 | 694.68' | 27.20' | 10.98% | 12" | HDPE |
| 206 | 698.50' | 205 | 697.67' | 83.22' | 1.00% | 8" | HDPE |




# GENERAL NOTES

(A) BRANCH CIRCUIT CONDUCTOR SIZES ARE INCREASED, TO ALLOW FOR VOLTAGE DROP.

(B) CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES, USING UTILITY COMPANY CONTACT INFORMATION GIVEN. COORDINATE FOR ALL UTILITY WORK SHOWN. GIVE UTILITY COMPANIES NOTICE OF CONSTRUCTION START DATE AND ESTIMATED COMPLETION DATE.

(C) GENERAL CONTRACTOR SHALL CONFIRM THAT LIGHT POLES, LANDSCAPING AND UTILITIES DO NOT CONFLICT WITH SIGN LOCATION SHOWN. IF ANY POTENTIAL CONFLICT IS DISCOVERED, GENERAL CONTRACTOR SHALL CONTACT THE O'REILLY PROJECT ADMINISTRATOR BEFORE PROCEEDING.

(D) REFER TO SHEET C4.2 FOR ADDITIONAL UTILITY DETAILS.

# SYMBOLS LEGEND

REFER TO SURVEY FOR EXISTING CONDITION SYMBOLS LEGEND

NEW UTILITIES
(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

- ----W---- WATER SERVICE
- ----S---- SANITARY SEWER
- STORM SEWER
- ----E---- U/G ELECTRIC
- ----T---- U/G PHONE (BY PHONE CO.)
- —— OH —— OVERHEAD ELECTRIC
- CONNECTING TO EXISTING
- TP TEST PIT AT POINT OF UTILITIES CONNECTION
- DETAIL SECTION CALLOUT
- ----G---- GAS SERVICE (BY GAS CO.)
- SAW CUT

P.O.C. = POINT OF CONNECTION BETWEEN SITE PIPING (SPEC 33 00 00) AND BUILDING PIPING (SPEC 22 00 00, 21 13 13). AS NECESSARY - SPEC 22 00 00 DENOTES LANDSCAPE IRRIGATION.

# PLAN REFERENCES

- REFER TO GENERAL NOTES SHEET FOR GRADING & UTILITY NOTES
- THIS PLAN TO BE UTILIZED FOR SITE UTILITY PURPOSES ONLY

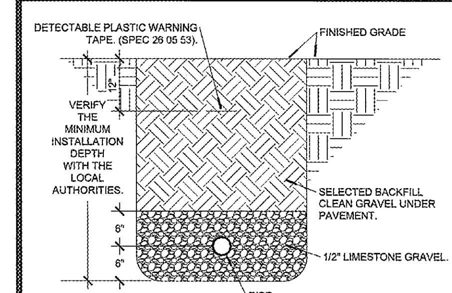
# UTILITY COMPANY CONTACTS

ELECTRIC: DUKE ENERGY
(336) 427-2634 (800-943-6910 - BUILDER LINE)

TELEPHONE: CENTURY LINK
877-625-9146

GAS: PIEDMONT NATURAL GAS
(877) 279-3636

WATER / SEWER: TOWN OF WALNUT COVE
ADDRESS: 208 WEST THIRD ST
WALNUT COVE, NC 27052
CONTACT: MARK BOWMAN
PHONE #: 336-593-8130




**2 PIPE INSTALLATION DETAIL**
C4.1 NO SCALE

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 040241 WYATT L. BONE 3/22/19

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PROJECT:
NEW O'REILLY AUTO PARTS STORE
N. MAIN ST.
WALNUT COVE, NC

**SITE UTILITY PLAN**

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
(417) 862-2674 TELEPHONE

COMM # 4300
DATE: 3-22-19
REVISION DATE:
REVISION DATE:

BOHLER™
ENGINEERING NC, PLLC
NCBELS P-1132
4130 PARKLAKE AVENUE, SUITE 130 RALEIGH, NC 27612
PHONE: (919) 578-9000 FAX: (919) 703-2665

PROJECT No.: NCR182158
DRAWN BY / CHECKED BY: CB/WLB
SCALE: 1" = 20'
CAD I.D.: NCR182158-SSP-0

**C4.1**



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