

ROOF DRAIN SCHEDULE

Pipe	Invert Elev.		Length (ft)	Slope (%)	Dia. (in)	Material
	Upper (ft)	Lower (ft)				
UD-11	1197.50	1196.59	91.33	1.00%	6	PVC
UD-10	1196.59	1195.50	10.01	10.89%	6	PVC
RD-9	1196.00	1195.50	5.00	10.00%	6	PVC
RD-8	1195.50	1193.00	25.00	10.00%	6	PVC
RD-7	1193.50	1193.00	5.00	10.00%	6	PVC
RD-6	1193.00	1192.50	25.00	2.00%	6	PVC
RD-5	1193.00	1192.50	5.00	10.00%	6	PVC
RD-4	1192.50	1191.50	25.00	4.00%	6	PVC
RD-3	1192.00	1191.50	5	10.00%	6	PVC
RD-2	1191.50	1189.90	24.82	6.45%	6	PVC
RD-1	1189.90	1189.25	13.50	4.81%	6	PVC

SANITARY SCHEDULE

STRUCTURE NUMBER (SAN)	STRUCTURE TYPE	TOP OF CASTING ELEV.	UPPER INVERT	LOWER INVERT	PIPE LENGTH (FEET)	PIPE SIZE/TYPE	PERCENT SLOPE
CO-1 → SAN-2	CLEANOUT	1200.75	1194.60	1193.17	143.39	6" / PVC	1.00%
SAN-2 → SAN-1	MANHOLE	1204.00	1192.97	1192.78	18.91	6" / PVC	1.00%
SAN-1 → EX-3	MANHOLE	1203.00	1192.58	1192.22	35.79	6" / PVC	1.01%

TELEPHONE SERVICE REQUIREMENTS:

SPECIAL NOTE: NEW SERVICE TO BUILDING SHALL BE AN UNDERGROUND SERVICE. CONTRACTOR SHALL SCHEDULE INSTALLATION OF U/G TELEPHONE SERVICE CONDUIT WITH OWNER.

SCHEDULE 40 PVC CONDUIT WITH RIGID GALVANIZED STEEL LONG SWEEP BENDS @ 18"-24" DEPTH FOR PHONE SERVICE. PROVIDE MINIMUM 1/4" POLYPROPYLENE FULL LINE. PLACE CONDUIT A MINIMUM OF 12" FROM U/G ELECTRICAL CONDUITS IN SAME TRENCH.

CAP CONDUIT AT PROPERTY LINE BELOW FINISHED GRADE AND INSTALL CABLE MARKER FOR PHONE COMPANY. IF NECESSARY, OTHERWISE, CONTINUE PHONE SERVICE CONDUIT TO A POLE AND INSTALL RIGID GALVANIZED STEEL CONDUIT TO A MINIMUM 10' ABOVE FINISH GRADE, ATTACHED TO POLE.

CONTRACTOR SHALL COORDINATE INSTALLATION AND VERIFY REQUIREMENTS WITH PHONE COMPANY. PLUS INCLUDE ALL FEES (IF ANY) BY PHONE COMPANY FOR INSTALLATION OF NO LESS THAN 10 PAIR CABLE. IN MENTIONED CONDUIT. CONTRACTOR SHALL PROVIDE #8 AWG CU GROUND TO TELEPHONE EQUIPMENT LOCATION, FROM ELECTRICAL GROUNDING ELECTRODE SYSTEM. FINAL CONNECTIONS AND INSIDE PHONE WIRING BY OWNER.

ONLY IF UNDERGROUND PHONE SERVICE IS NOT AVAILABLE, THEN MAY CONTRACTOR INSTALL APPROPRIATE OVERHEAD PHONE SERVICE RISER, WEATHERHEAD, ETC. COORDINATE WITH OWNER AND PHONE CO.

CONTRACTOR CAUTION!! VERIFY SEWER LINE ELEVATION

BEFORE STARTING ANY BUILDING PAD GRADING AND PLUMBING WORK THE CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, CONDITION, ACCESSIBILITY (INCLUDING STATE HIGHWAY OR OTHER RIGHTS-OF-WAY) AND WORKABLE FLOW LINE ELEVATION OF THE EXISTING SANITARY SEWER SERVICE LINE OR MAIN.

IF A WORKABLE FLOW LINE HAS NOT BEEN ESTABLISHED AT THE TIME OF FINAL SANITARY SEWER SERVICE CONNECTION, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES ASSOCIATED WITH THE INSTALLATION OF A NEW GRINDER PUMP SYSTEM TO MEET OWNER AND LOCAL REQUIREMENTS.

EXISTING CONDITIONS NOTES:

- EXISTING INSTALLATIONS (SUCH AS WATER MAINS, GAS MAINS, SEWER MAINS, TELEPHONE LINES, POWER LINES, AND UTILITY STRUCTURES IN THE VICINITY OF THE WORK TO BE DONE) ARE INDICATED ON THE DRAWINGS ONLY TO THE EXTENT THAT SUCH INFORMATION HAS BEEN MADE AVAILABLE TO OR DISCOVERED BY THE ENGINEER IN PREPARING THE DRAWINGS. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION, AND ALL RESPONSIBILITY FOR THE ACCURACY AND COMPLETENESS THEREOF IS EXPRESSLY DISCLAIMED.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.

SAWCUT NOTE:

WHERE NEW UTILITY SERVICES ARE ROUTED UNDER EXISTING PAVED AREAS, ALL EXISTING PAVING SHALL BE REMOVED IN THE FOLLOWING STEPS:

- SAWCUTTING PAVING.
- REMOVAL AND TRENCHING.
- INSTALLATION OF UTILITY.
- BACKFILL AND COMPACTION.
- INSTALLATION OF NEW PAVING THAT MATCHES THE EXISTING SURROUNDING PAVING IN BOTH MATERIAL AND ELEVATION.

CONTRACTOR SHALL COORDINATE, OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES TO PERFORM THIS WORK AND SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL WHILE PERFORMING SAWCUTTING OPERATIONS AS NECESSARY.

GRAVEL CROSSING NOTE:

WHERE NEW UTILITY SERVICES ARE ROUTED UNDER EXISTING GRAVEL AREAS, ALL EXISTING GRAVEL SHALL BE REMOVED IN THE FOLLOWING STEPS:

- REMOVAL & TRENCHING
- INSTALLATION OF UTILITY
- BACKFILL & COMPACTION
- INSTALLATION OF NEW GRAVEL THAT MATCHES THE EXISTING SURROUNDINGS IN BOTH MATERIAL AND ELEVATION.

CONTRACTOR SHALL COORDINATE, OBTAIN & PAY FOR ALL REQUIRED PERMITS & LICENSES TO PERFORM THIS WORK & SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL.

GENERAL NOTES

- BRANCH CIRCUIT CONDUCTOR SIZES ARE INCREASED TO ALLOW FOR VOLTAGE DROP.
- 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.
- 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.
- REFER TO SHEET C4.2 AND C4.3 FOR ADDITIONAL UTILITY DETAILS.

SYMBOLS LEGEND

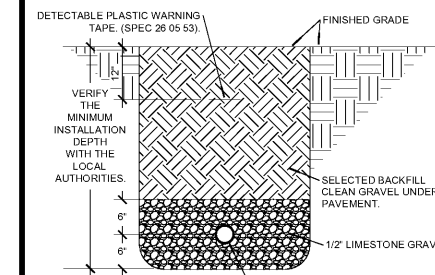
- REFER TO SHEET C4.2 AND C4.3 FOR ADDITIONAL UTILITY DETAILS.
- NEW UTILITIES**
(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)
- WATER SERVICE
 - SANITARY SEWER
 - SANITARY SEWER LATERAL
 - STORM SEWER
 - U/G ELECTRIC
 - U/G PHONE (BY PHONE CO.)
 - OVERHEAD ELECTRIC
 - CONNECTING TO EXISTING
 - GAS SERVICE (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: AMERICAN ELECTRIC POWER (800) 277-2177
 TELEPHONE: CENTURYLINK (800) 244-1111
 GAS: N/A
 WATER: TOWN OF ROCKY MOUNT (540) 483-5740
 SEWER: TOWN OF ROCKY MOUNT (540) 483-1202

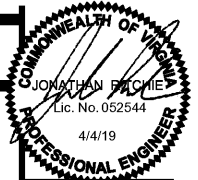


PIPE INSTALLATION DETAIL

2 C4.1 NO SCALE



PROJECT No. V183205 SCALE: AS NOTED
 DRAWN BY / CHECKED BY: DSH/JOR CAD I.D.: SS 1



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PROJECT:
 NEW O'REILLY AUTO PARTS STORE
 OLD FRANKLIN TURNPIKE
 ROCKY MOUNT, VA
SITE UTILITY PLAN

O'Reilly AUTO PARTS
 CORPORATE OFFICES
 233 SOUTH PATTERSON
 SPRINGFIELD, MISSOURI 65902
 (417) 862-2674 TELEPHONE

COMM # 4252
 DATE: 11-2-18
 REVISION DATE: 2-22-19
 4-4-19

C4.1

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

