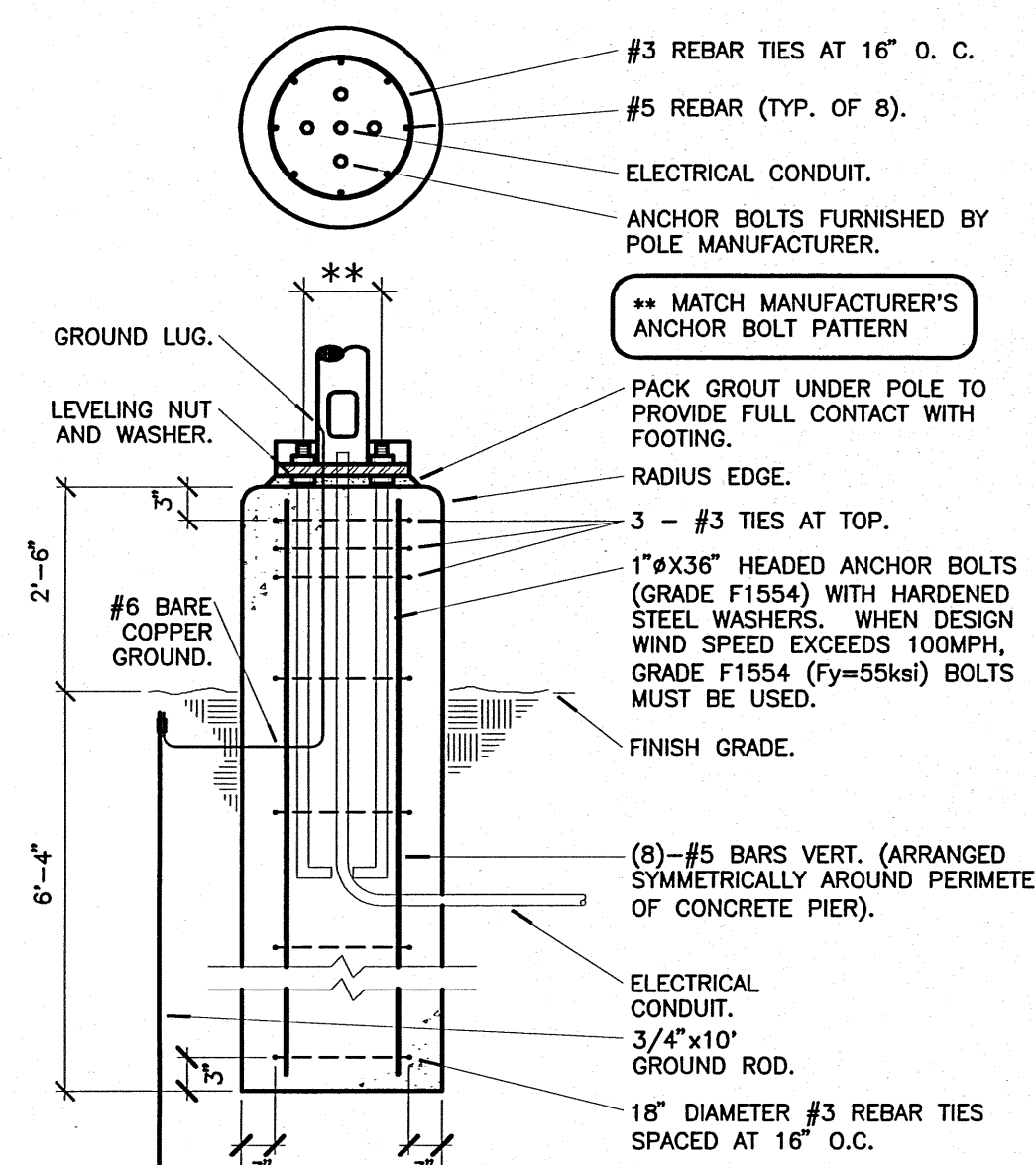
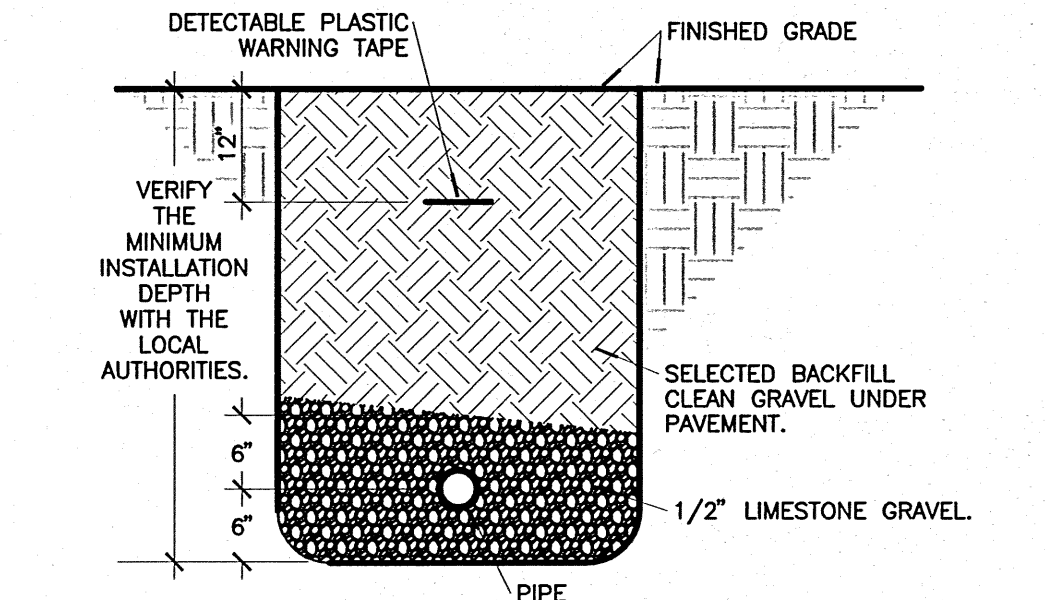


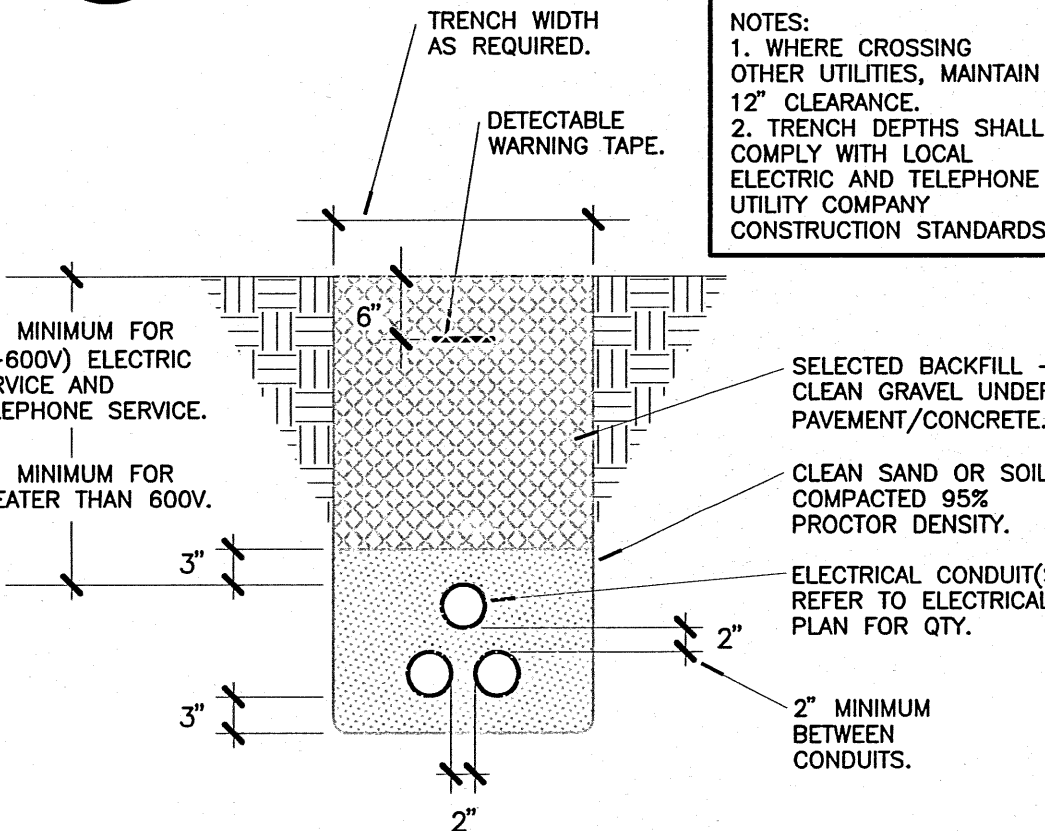
**5 PARKING LOT LIGHTING**  
SU1 NO SCALE



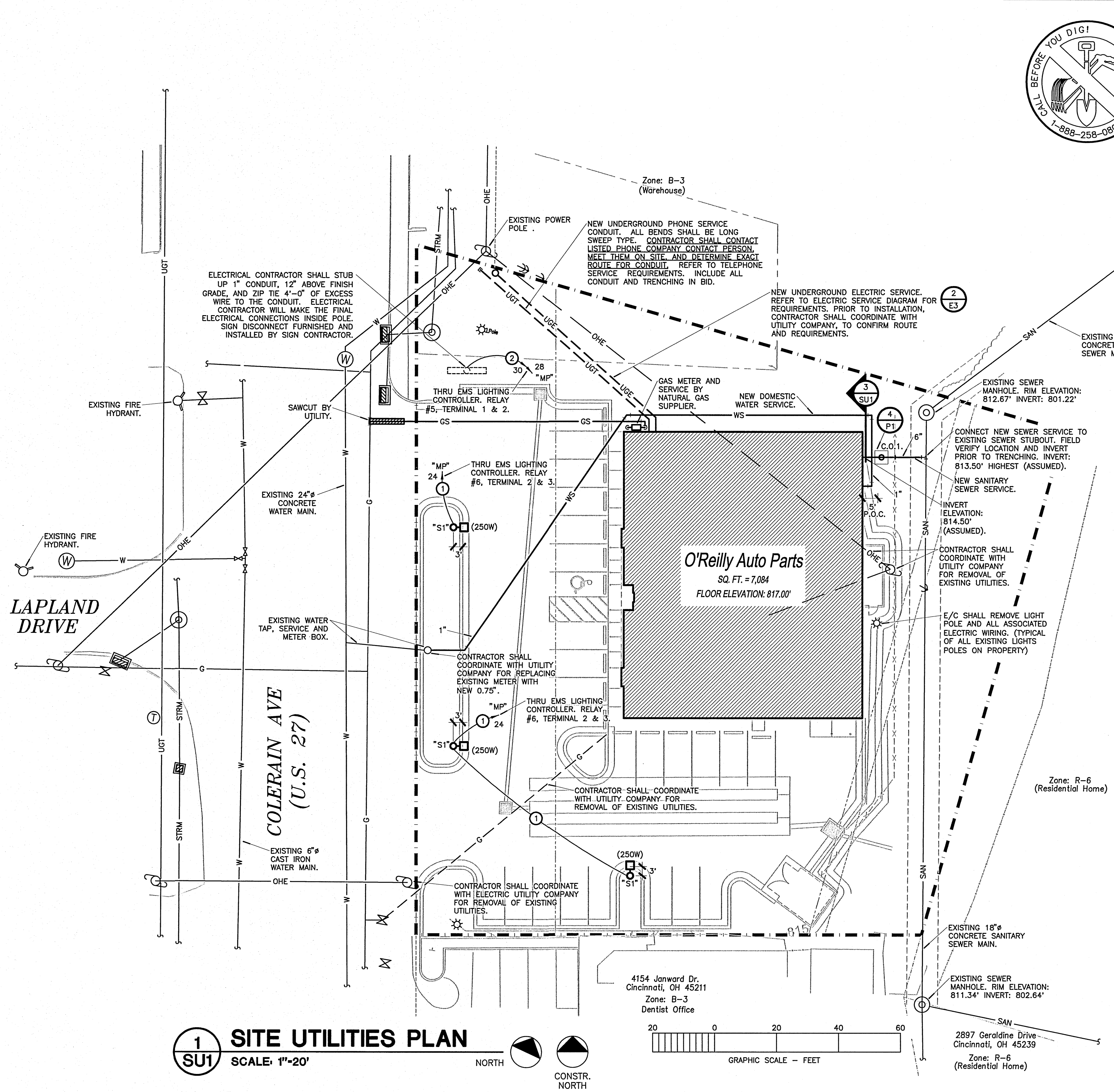
**4 CONCRETE POLE BASE DETAIL**  
SU1 NO SCALE



**3 PIPE INSTALLATION DETAIL**  
SU1 NO SCALE



**2 UNDERGROUND ELECTRICAL CONDUITS**  
SU1 NO SCALE



**1 SITE UTILITIES PLAN**  
SU1 SCALE: 1"=20'

NEW UTILITIES (SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)	
— WS —	WATER SERVICE
— SAN —	SANITARY SEWER
— UGE —	U/G ELECTRIC
— UGT —	U/G PHONE
— T —	U/G PHONE (BY PHONE CO.)
— OHE —	OVERHEAD ELECTRIC
— OHT —	OVERHEAD PHONE
— FO —	FIBER OPTIC CABLE
— GS —	GAS SERVICE (BY GAS CO.)
	SAW CUT
	BORE

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.



**NOTES:**

**BRANCH CIRCUIT & FEEDER SCHEDULE:**

① 2 - #8 AND 1 - #10 GROUND IN 0.75" CONDUIT.

② 3 - #10 AND 1 - #10 GROUND IN 1" CONDUIT.

**GENERAL NOTES:**

1. BRANCH CIRCUIT CONDUCTOR SIZES ARE INCREASED, TO ALLOW FOR VOLTAGE DROP.

2. 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.

UTILITY COMPANY CONTACTS	
WATER:	GREATER CINCINNATI WATER WORKS, BILL MORRIS (513) 591-7858
SEWER:	METRO SEWER DISTRICT OF CINCINNATI, JEFF ZISTLER (513) 557-7113
GAS:	DUKE GAS, (513) 287-2934
ELECTRIC:	DUKE ELECTRIC, DAVE COMPTON (513) 287-3261
TELEPHONE:	CINCINNATI BELL, TIM SEESTEDT (513) 565-7163

**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. CONTACT (417)974-7288.

SCHEDULE 40 PVC CONDUIT WITH RIGID GALVANIZED STEEL LONG SWEEP BENDS @ 18"-24" DEPTH FOR PHONE SERVICE. PROVIDE MINIMUM 1/4" POLYPROPYLENE PULL 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 25 PAIR CABLE, IN MENTIONED CONDUIT, TO CONTRACTOR INSTALLED 4"x8"x3/4" BACKBOARD WITHIN BUILDING. CONTRACTOR SHALL PROVIDE #6 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.

**SAWCUT NOTE:**

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

- 1) SAWCUTTING PAVING.
- 2) REMOVAL AND TRENCHING.
- 3) INSTALLATION OF UTILITY.
- 4) BACKFILL AND COMPACTION
- 5) 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.

**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:**

1. THE CONTRACTOR IS OBLIGATED TO INSPECT FOR EXISTING CONDITIONS/INSTALLATIONS AND AVAILABLE INFORMATION PRIOR TO SUBMITTING A BID, REFER TO SPECIFICATIONS ALSO.
2. EXISTING INSTALLATIONS (SUCH AS WATER MAINS/LINES, GAS MAINS/LINES, SEWER MAINS/LINES, 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.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING ALL EXISTING INSTALLATIONS.
4. ANY DELAY, ADDITIONAL WORK, FEES OR EXTRA COST TO THE CONTRACTOR CAUSED BY OR RESULTING FROM DAMAGE TO OR MODIFICATION OF EXISTING INSTALLATIONS BY THE CONTRACTOR OR AFFECTED UTILITY COMPANY SHALL NOT CONSTITUTE A CLAIM FOR EXTRA WORK, ADDITIONAL PAYMENT OR DAMAGES.
5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS/INSTALLATIONS.

**CRAIG A. SCHNEIDER, AIA**  
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COLERAIN TOWNSHIP, OH

COMM # 2723--

DATE: 4-15-10  
REVISION  
DATE: