

LAYOUT NOTES

- 1 INSTALL 2" DOMESTIC WATER SERVICE CONNECTION PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. WATER COMPANY TO MAKE TAP.
- 1A INSTALL 1" IRRIGATION WATER SERVICE CONNECTION PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. WATER COMPANY TO MAKE TAP.
- 1B INSTALL 4" FIRE PROTECTION LINE CONNECTION PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. WATER COMPANY TO MAKE TAP.
- 2 INSTALL 2" DOMESTIC DOUBLE CHECK VALVE ASSEMBLY INSIDE BUILDING (REQUIRED) PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS.
- 2A INSTALL 1" IRRIGATION DOUBLE CHECK VALVE ASSEMBLY (REQUIRED) PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. INSTALL AHEAD OF ANY SPRINKLER.
- 2B INSTALL 4" FIRE PROTECTION DOUBLE CHECK VALVE ASSEMBLY INSIDE BUILDING (REQUIRED) PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS.
- 3 INSTALL 2" TYPE K COPPER DOMESTIC WATER SERVICE PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 3A INSTALL 1" TYPE K COPPER IRRIGATION WATER SERVICE PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. SITE CONTRACTOR TO COORDINATE WITH BUILDING, PLUMBING AND IRRIGATION CONTRACTOR.
- 3B INSTALL 4" AWMA C-900 WATER MAIN FOR FIRE PROTECTION PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. SITE CONTRACTOR TO COORDINATE WITH BUILDING, PLUMBING AND FIRE PROTECTION CONTRACTOR.
- 3C INSTALL 6" AWMA C-900 WATER MAIN FOR SERVICE PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. SITE CONTRACTOR TO COORDINATE WITH BUILDING, PLUMBING AND FIRE PROTECTION CONTRACTOR.
- 4 INSTALL 1-1/2" METER AND METER PIT PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. WATER COMPANY TO INSTALL WATER METER AND CONTRACTOR TO INSTALL PIT.
- 4A INSTALL 1" METER AND METER PIT PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. WATER COMPANY TO INSTALL WATER METER AND CONTRACTOR TO INSTALL PIT.
- 4B INSTALL 4" METER AND METER PIT PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS. WATER COMPANY TO INSTALL WATER METER AND CONTRACTOR TO INSTALL PIT.
- 5 INSTALL 3/4" TYPE K COPPER COLD WATER SERVICE TO DUMPSTER POST HYDRANT. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 6 INSTALL DUMPSTER POST HYDRANT. REFER TO THE FIXTURE CONNECTION SCHEDULE (P-31) DEPICTED ON THE PROJECT PLUMBING PLANS.
- 7 WATER SERVICE CONNECTION POINT. CONTRACTOR TO LOCATE EXISTING WATER LINE PRIOR TO START OF CONSTRUCTION. CONNECTION TO BE MADE WITH A 8"x6" TAPPING SLEEVE & VALVE PER WATER COMPANY'S SPECIFICATIONS AND REQUIREMENTS.
- 8 EXISTING 8" WATER LINE PER RECORDS.
- 9 INSTALL FIRE DEPARTMENT CONNECTION (FDC) PER FIRE DEPARTMENT'S SPECIFICATIONS AND REQUIREMENTS. SITE CONTRACTOR TO COORDINATE WITH BUILDING, PLUMBING AND FIRE PROTECTION CONTRACTOR. (NOT USED)
- 10 WASTEWATER SERVICE LATERAL CONNECTION POINT. CONTRACTOR TO LOCATE EXISTING 6" LATERAL PRIOR TO START OF CONSTRUCTION. CONTRACTOR RESPONSIBLE TO OBTAIN THE EXISTING ELEVATION OF THE CONNECTION POINT AND VERIFY THAT IT IS DEEP ENOUGH TO SERVICE THE BUILDING FINISHED FLOOR AS DESIGNED. REPORT ANY ISSUES TO GBC DESIGN, INC. PRIOR TO THE START OF THE BUILDING FOUNDATION CONSTRUCTION.
- 11 INSTALL 6" SCHEDULE 40 PVC WASTEWATER SERVICE LINE AT 1.04% MINIMUM SLOPE. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 12 INSTALL 6" CLEAN OUT (SIMILAR TO DETAIL 37 ON SHEET C-430). CLEAN OUT SHALL BE FLUSH W/ PAVEMENT & INSTALLED UNDER A PROTECTIVE METAL BOX COVER SIMILAR TO A METER PIT COVER WITH A TRAFFIC BEARING LID.
- 12A INSTALL 6" TWO-WAY CLEAN OUT (SEE DETAIL 37 ON SHEET C-430). CLEAN OUT SHALL BE FLUSH W/ PAVEMENT & INSTALLED UNDER A PROTECTIVE METAL BOX COVER SIMILAR TO A METER PIT COVER WITH A TRAFFIC BEARING LID.
- 13 INSTALL PRECAST 1,000 GALLON CAPACITY GREASE TRAP. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR. TOP OF MANHOLE TO BE 0.2' ABOVE FINISH GRADE AND MATCH SIDEWALK GRADES WHERE REQUIRED. VERIFY GREASE TRAP MEETS CITY/COUNTY SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR RESPONSIBLE TO VERIFY ELEVATION OF SANITARY LATERAL PIPES AT GREASE TRAP PRIOR TO THE START OF SEWER CONSTRUCTION. REFER TO ENLARGED UTILITY PLAN, SHEET PS-110.
- 14 INSTALL 4" KITCHEN WASTE LINE 1.04% MINIMUM SLOPE (FL = 4'-0" BELOW FINISHED FLOOR ELEVATION). SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 15 INSTALL 3" VENT LINE. CONNECT TO GREASE INTERCEPTOR (SEE SHEET PS-100 FOR LOCATION). SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 16 INSTALL 4" RESTROOM WASTE LINE 1.04% MINIMUM SLOPE (FL = 4'-0" BELOW FINISHED FLOOR ELEVATION). SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 17 INSTALL 6" SCHEDULE 40 PVC DUMPSTER WASTE LINE AT 1.0% MINIMUM SLOPE INCLUDING ALL FITTINGS. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR. (NOT USED)
- 18 INSTALL DUMPSTER PAD DRAIN. REFER TO THE FIXTURE CONNECTION SCHEDULE DEPICTED ON THE PROJECT PLUMBING PLANS. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR. (NOT USED)
- 19 INSTALL DOWNSPOUT FOR ROOF DRAINAGE (REFER TO ARCHITECTURAL PLANS). CONNECT TO STORM SEWER. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR (SEE DETAIL 38 ON SHEET C-430).
- 20 INSTALL 6" SCHEDULE 40 PVC ROOF DRAIN PIPE DRAIN INCLUDING ALL NECESSARY FITTINGS. CONNECT TO 6" ROOF DRAIN. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 21 INSTALL 8" SCHEDULE 40 PVC ROOF DRAIN PIPE DRAIN INCLUDING ALL NECESSARY FITTINGS. CONNECT TO STORM SEWER. SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.
- 22 INSTALL GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION TO INSURE THE APPROPRIATE BENDS ARE INCORPORATED TO MAINTAIN A MINIMUM OF 1.0' CLEARANCE BELOW ALL STORM SEWER, WATER, AND WASTEWATER LINES OR SERVICES WHEN CROSSING. CONTRACTOR TO COORDINATE WITH GAS COMPANY.
- 23 COORDINATE GAS METER INSTALLATION WITH GAS COMPANY. CONTRACTOR TO MARK LOCATION OF METER ON WALL PRIOR TO GAS COMPANY ARRIVING ON-SITE.
- 24 INSTALL 4" SCHEDULE 40 PVC IRRIGATION SLEEVE (REFER TO IRRIGATION PLANS). SITE CONTRACTOR TO COORDINATE WITH IRRIGATION CONTRACTOR. (NOT USED)
- 25 INSTALL UNDERGROUND PRIMARY ELECTRIC SERVICE. INSTALL 3-4" SCHEDULE 40 CONDUITS FROM POWER POLE TO TRANSFORMER PAD LOCATION ALONG WITH PULL STRINGS. ALL ITEMS PER ELECTRIC COMPANY SPECIFICATIONS AND REQUIREMENTS. CONDUIT DEPTH TO BE ---".

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|--------------------|----------------|----------------------|
| PROVIDE TRENCHING: | --- CONTRACTOR | --- ELECTRIC COMPANY |
| PROVIDE CONDUITS: | --- CONTRACTOR | --- ELECTRIC COMPANY |
| INSTALL CONDUITS: | --- CONTRACTOR | --- ELECTRIC COMPANY |
| PROVIDE CABLES: | --- CONTRACTOR | --- ELECTRIC COMPANY |
| INSTALL CABLES: | --- CONTRACTOR | --- ELECTRIC COMPANY |

- 26 CONTRACTOR TO PROVIDE TRANSFORMER PAD PER ELECTRIC COMPANY STANDARDS. CONTRACTOR TO INSTALL TRANSFORMER PAD PER ELECTRIC COMPANY STANDARDS.

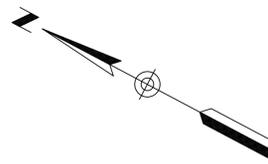
- 27 INSTALL UNDERGROUND SECONDARY ELECTRIC SERVICE TO BUILDING (REFER TO MEP PLANS). INSTALL TRENCHING, 4-4" SCHEDULE 40 PVC CONDUITS, CT CABINET AND METER BASE. ALL ITEMS PER ELECTRIC COMPANY SPECIFICATIONS AND REQUIREMENTS.
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|---------------------|--------------|----------------------|
| PROVIDE TRENCHING: | X CONTRACTOR | --- ELECTRIC COMPANY |
| PROVIDE CONDUITS: | X CONTRACTOR | --- ELECTRIC COMPANY |
| INSTALL CONDUITS: | X CONTRACTOR | --- ELECTRIC COMPANY |
| PROVIDE CABLES: | X CONTRACTOR | --- ELECTRIC COMPANY |
| INSTALL CABLES: | X CONTRACTOR | --- ELECTRIC COMPANY |
| PROVIDE CT CABINET: | X CONTRACTOR | --- ELECTRIC COMPANY |
| INSTALL CT CABINET: | X CONTRACTOR | --- ELECTRIC COMPANY |
| PROVIDE METER BASE: | X CONTRACTOR | --- ELECTRIC COMPANY |
| INSTALL METER BASE: | X CONTRACTOR | --- ELECTRIC COMPANY |
- METER BASE INSTALLED ON: BUILDING
CT CABINET INSTALLED ON: BUILDING

- 28 INSTALL UNDERGROUND PRIMARY TELEPHONE SERVICE. CONTRACTOR TO INSTALL 2-3" SCHEDULE 40 PVC CONDUIT W/SWEEPING 90'S AND W/PULL STRING FOR TELEPHONE COMPANY. A 4"x4"x3/4" PIECE OF PLYWOOD MUST BE IN PLACE PRIOR TO INSTALLATION OF THE SERVICE. ALSO A #6 GROUND MUST BE AVAILABLE. CONTRACTOR TO ALSO INSTALL AN ADDITIONAL SPARE 4" SCHEDULE 40 PVC CONDUIT PARALLEL TO THE TELEPHONE COMPANY'S CONDUIT FOR FUTURE USE BY CHICK-FIL-A.
- 29 PROPOSED UTILITY CROSSING-CONTRACTOR TO MAINTAIN REQUIRED CLEARANCES.
- 30 EXISTING UTILITY CROSSING. CONTRACTOR TO VERIFY EXACT ELEVATIONS OF THE EXISTING UTILITY PRIOR TO THE START OF CONSTRUCTION. REPORT ANY CONFLICTS WITH PROPOSED UTILITIES TO GBC DESIGN, INC. PRIOR TO THE START OF CONSTRUCTION OF THE PROPOSED UTILITY. CONTRACTOR TO MAINTAIN REQUIRED CLEARANCES.
- 31 CONTRACTOR TO VIDEOTAPE EXISTING SANITARY LATERAL PRIOR TO CONSTRUCTION AND REPORT ALL FINDINGS TO CHICK-FIL-A CM, PSP, AND GBC DESIGN, INC.

- 32 INSTALL ELECTRIC SERVICE TO CANOPY (REFER TO MEP PLANS). INSTALL TRENCHING AND 2-2" SCHEDULE 40 PVC CONDUITS PER MEP SPECIFICATIONS. SITE CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR.
- 33 INSTALL GAS SERVICE TO CANOPY (REFER TO MEP PLANS). SITE CONTRACTOR TO COORDINATE WITH BUILDING AND PLUMBING CONTRACTOR.

EX. SANITARY SEWER STRUCTURE SCHEDULE

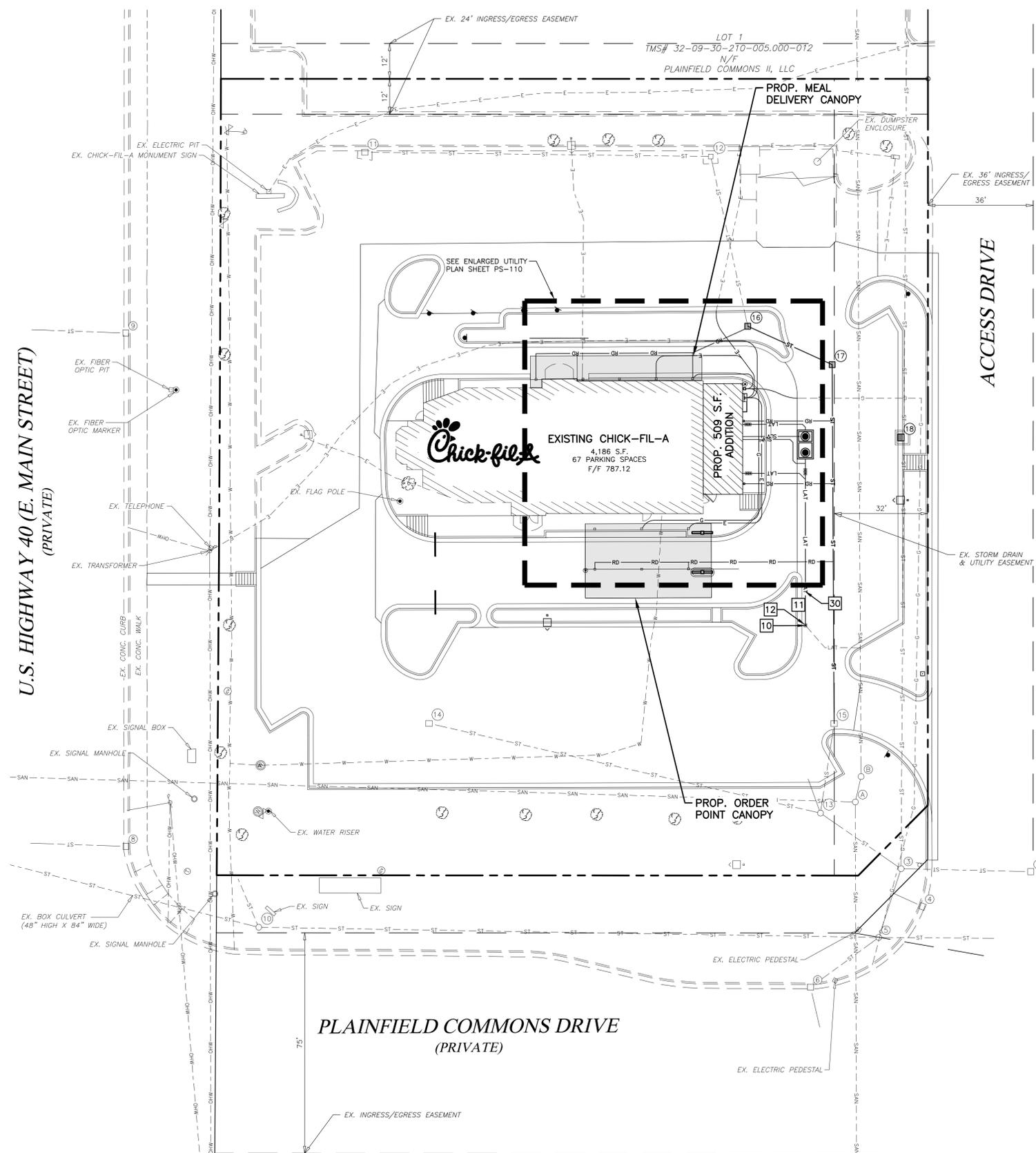
- A. EX. SAN. M.H.
TOP 782.74
INV. 771.24, 10" E
INV. 771.14, 10" SW
INV. 771.24, 8" NW
- B. EX. SAN. M.H.
TOP 782.73
INV. 771.43, 10" NE
INV. 771.13, 10" W



SCALE: 1" = 20'

LEGEND

- | | |
|--|------------------------------|
| | EX. FIRE HYDRANT |
| | EX. VALVE |
| | EX. MANHOLE |
| | EX. MANHOLE |
| | PROP. INLET |
| | EX. BOX INLET |
| | EX. LIGHT POLE |
| | PROP. LIGHT POLE |
| | EX. UTILITY POLE |
| | PROP. UTILITY POLE |
| | EX. CURB |
| | PROP. CURB & GUTTER |
| | EX. CABLE T.V. LINE |
| | PROP. CABLE T.V. LINE |
| | PROP. ELECTRIC LINE |
| | EX. ELECTRIC LINE |
| | EX. FIBER OPTIC LINE |
| | PROP. GAS LINE |
| | EX. GAS LINE |
| | PROP. TELEPHONE LINE |
| | EX. TELEPHONE LINE |
| | PROP. SANITARY SEWER |
| | PROP. SANITARY LATERAL |
| | PROP. SANITARY LATERAL VENT |
| | EX. SANITARY SEWER (PRIVATE) |
| | PROP. STORM SEWER |
| | PROP. ROOF DRAIN |
| | EX. STORM SEWER |
| | PROP. FIRE WATER LINE |
| | PROP. DOMESTIC WATER LINE |
| | PROP. WATER SERVICE |
| | PROP. WATER MAIN |



Chick-fil-A

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PLAINFIELD, IN 46168

FSU# 01405

REVISION SCHEDULE		DESCRIPTION
NO.	DATE	

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SHEET
UTILITY PLAN
SHEET NUMBER
PS-100

CONTRACTOR RESPONSIBLE TO FIELD VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITY TIE-INS AS SHOWN ON SITE PLANS (SANITARY, STORM, WATER, GAS, ELECTRIC, PHONE, ETC.) PRIOR TO THE START OF CONSTRUCTION. CONTACT ALLAN WILEY AT GBC DESIGN, INC., 330-836-0228, WITH ANY CONCERNS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR TO VERIFY THE THICKNESS OF ANY OFF-SITE PAVEMENT (ASPHALT AND CONCRETE) AND SIDEWALK SO THE RESTORATION WORK IS INCLUDED IN THE BID.