

NOTE:  
CONTRACTOR IS RESPONSIBLE FOR PROVIDING BURIED ELECTRICAL CONDUITS FROM ALL SIGNS, LIGHT STANDARDS, OR OTHER EXTERIOR ELECTRICAL DEVICES ON-SITE TO ELECTRICAL PANEL IN BUILDING. REF. ELECTRICAL PLANS.

NOTE:  
CONTRACTOR SHALL NOT PERFORM ANY ELECTRICAL-RELATED WORK PRIOR TO PRE-CONSTRUCTION MEETING WITH HUNTSVILLE UTILITIES.

NOTE:  
CONTRACTOR SHALL COORDINATE ALL PROPOSED ON-SITE CONDUIT ROUTING FOR TELEPHONE, POWER AND CABLE TV SERVICE WITH THE UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ANY APPURTENANCES THAT ARE REQUIRED.

NOTE:  
"REQUIRED FIRE FLOWS CANNOT BE DETERMINED UNTIL THE SPECIFIC BUILDING USE, CONSTRUCTION TYPE, AND OTHER FACTORS HAVE BEEN DISCLOSED AND REVIEWED. THE APPLICANT WILL COMPLY WITH THE FIRE FLOW AND FIRE SAFETY SUPPRESSION REQUIREMENTS OF ALL ADOPTED CITY CODES AND REGULATIONS"

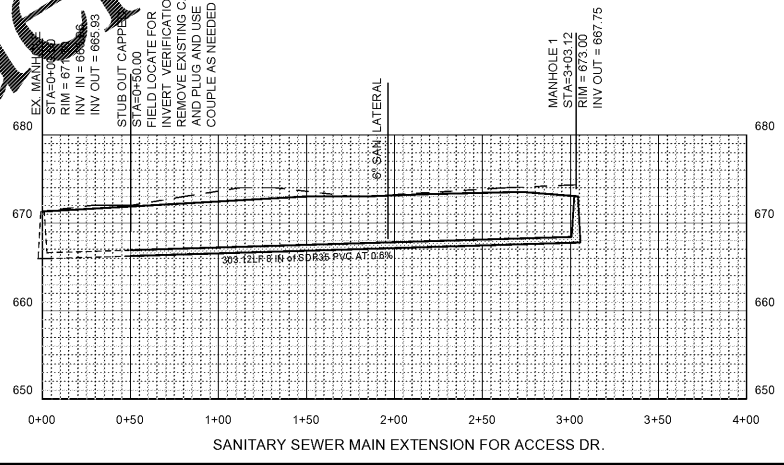
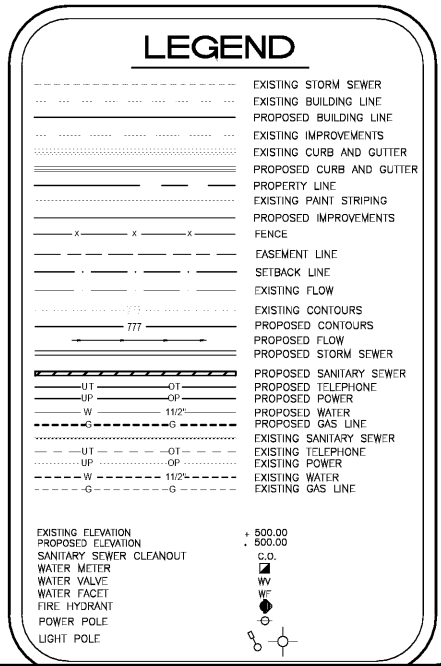
NOTE:  
74psi Static  
70psi Residual  
55psi Flowing  
1250 GPM

**KEY NOTE LEGEND**

- (A) SANITARY CLEANOUT REQ'D. SEE DETAILS. (TYP) REFER TO ARCHITECT PLAN FOR INVERT INFORMATION
- (B) 1/2" DOMESTIC WATER SERVICE TAP REQ'D. COORDINATE WITH MADISON WATER & WASTE WATER FOR CONNECTION
- (C) 1" DOMESTIC WATER SERVICE BACKFLOW PREVENTER REQ'D. PROVIDED AND INSTALLED BY MADISON WATER & WASTE WATER.
- (D) 2" MAIN IRRIGATION WATER SERVICE REQ'D. COORDINATE EXTENSION WITH IRRIGATION PLANS.
- (E) IRRIGATION WATER METER & BACKFLOW PREVENTER REQ'D. PROVIDED AND INSTALLED BY MADISON WATER & WASTE WATER.
- (F) GAS SERVICE COORDINATE WITH NATURAL GAS COMPANY FOR CONNECTION TO SERVICE
- (G) TIE TO SANITARY SEWER PER CITY OF MADISON WATER AND SEWER SPECIFICATIONS
- (H) 6" PVC SDR35 SANITARY SEWER LATERAL @ 2.00% MIN GRADE REQ'D.
- (I) TRANSFORMER PAD REQ'D. SEE DETAIL PROVIDED BY ATHENS UTILITIES - INSTALLED BY CONTRACTOR
- (J) EXISTING FIRE HYDRANT
- (K) COORDINATE WITH AT&T ON EXTENDING SERVICE FROM POLE TO BUILDING.
- (L) 1" PVC CONDUIT FOR SIGN AND SITE LIGHTING POWER WIRING.
- (M) UNDERGROUND POWER PER ATHENS UTILITIES SPECIFICATIONS. COORDINATE WITH ATHENS UTILITIES FOR EXACT LOCATION AND REQUIREMENTS.
- (N) COORDINATE WITH ATHENS UTILITIES ON UNDERGROUND CONDUIT TO ACCOMMODATE BUILDING REFER TO ELECTRICAL PLANS FOR CONDUIT
- (O) 8" SANITARY SEWER MAIN REQ'D. - SEE PLAN & PROFILE THIS SHEET. (NOTE: FIELD LOCATE EXISTING STUB OUT AND NOTIFY PROJECT ENGINEER OF EXISTING INVERT FOR COORDINATION OF INSTALLATION OF MAIN. COORDINATE WITH MADISON UTILITIES TO INSTALL TO MADISON UTILITIES SPECIFICATIONS.
- (P) SANITARY SEWER MANHOLE - SEE PLAN & PROFILE THIS SHEET.
- (Q) GAS METER PER UTILITY COMPANY SPECIFICATIONS
- (R) POWER COMPANY PULL BOX PROVIDED BY ATHENS UTILITY PAID FOR AND INSTALLED BY CONTRACTOR IN SITE FOOT
- (S) COORDINATE WITH TELEPHONE CO. FOR INSTALLATION OF TELEPHONE LINE TO BUILDING
- (T) BOLLARD - MEET ATHENS UTILITIES FOR TRANSFORMER CLEARANCE.

NOTE:  
1- THIS BUILDING IS NOT SPRINKLED.  
2- ALL UTILITIES SHALL BE UNDERGROUND

- UTILITY NOTES**
- Contractor is cautioned that all utilities on site may not be shown and the utilities shown are approximate.
  - The minimum horizontal clearance between water supply lines and sanitary sewer lines is 10 feet. The minimum vertical clearance between water supply lines and sanitary sewer lines is 2 feet.
  - For all domestic water services, fire protection, sanitary sewer, gas, telephone, and power entrances to the building, refer to appropriate plans in architectural drawings for exact locations and invert elevations. Field modify locations shown, if required.
  - All utility trenches shall be backfilled with suitable fill and compacted per ASTM D-698 to 95% the maximum dry density within 3% of optimum moisture content in 6" loose lifts. Contractor shall use crushed concrete or CR610 for bedding and backfill under pavement.
  - Where unsuitable soils are encountered for bedding or backfilling purposes, soil or a well graded stone shall be used to bed and backfill the utility.
  - Sanitary Sewer lateral pipe may be PVC, except when under the conditions noted below, ductile iron pipe shall be used and PVC not allowed:
    - In areas which have been filled and the proposed service line will be within the fill. If the service line is placed in an area to be filled and the service line has eighteen (18) inches or less of natural material above the pipe.
    - When the depth of the service line is greater than fourteen (14) feet.
    - When making a connection to a manhole.
    - When crossing over or under any storm drains, water mains, or gas mains.
    - When the sewer service line has less than eighteen (18) inches of permanent cover as measured from the top of pipe to the permanent cover.
    - Within parking lots, streets, roadways, alleys, or driveways, etc. where the final permanent cover is less than thirty-six (36) inches as measured from the top of pipe to the permanent cover.
  - All water mains & service lines 3" and greater in diameter shall be Ductile Iron Class 350 by manufacturers approved by Madison Utilities. All service line less than 3" in diameter shall be Type K copper. All main and meter materials must comply with Madison Utilities Requirements and inspections.
  - All fittings shall be mechanical joint type.
  - Contractor shall maintain 3 feet minimum cover on water lines.
  - Backflow prevention shall be provided by the contractor on domestic water service, irrigation, and fire protection systems in accordance with the Water Department requirements, specifications and procedures.
  - The contractor is responsible for paying all utility fees incurred as associated with tapping to the main.
  - The contractor shall be responsible for completing all water, gas, electric, telephone services from the point the utility service completes their work to the point of service at the building.
  - Existing overhead utility structures and proposed overhead utility extensions to be constructed by the utility authority shall retain the minimal horizontal and vertical separation as required by the governing authority. The contractor shall uphold the utility authority's minimal separation requirements and verify that all proposed utilities have sufficient clearance prior to installation. In the event a conflict occurs the contractor shall install the proposed utility as required to be in conformance with the utility authority's requirements and make a record of the change on the as-built drawings.
  - Refer to Site Electrical Plans (provided by others) for proposed light pole locations and electrical service route.
  - Thrust blocks shall be installed on all bends in water pipe 3" or greater in diameter. See details for information.



Order Plans @ [www.lidline.com](http://www.lidline.com)

NO.	REVISIONS	DESCRIPTION	DATE
1	REVISED PER OWNER		3-14-19
2	REVISED PER ATHENS POWER CO COMMENTS		3-26-19
3	REVISED PER ATHENS POWER CO COMMENTS		4-1-19
4	REVISED PER OWNER		5-9-19

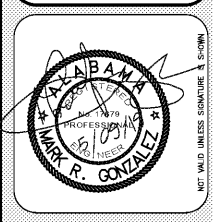
**SITE UTILITY PLAN**  
**O'REILLY AUTO PARTS**  
County Line Rd.  
Madison, Alabama  
**AFFILIATED DEVELOPMENT GROUP**  
Birmingham, AL

SCALE: 1"=50'  
DATE: 12-08-18

DRAWN BY: K. Shober  
CHECKED BY: K. Shober

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