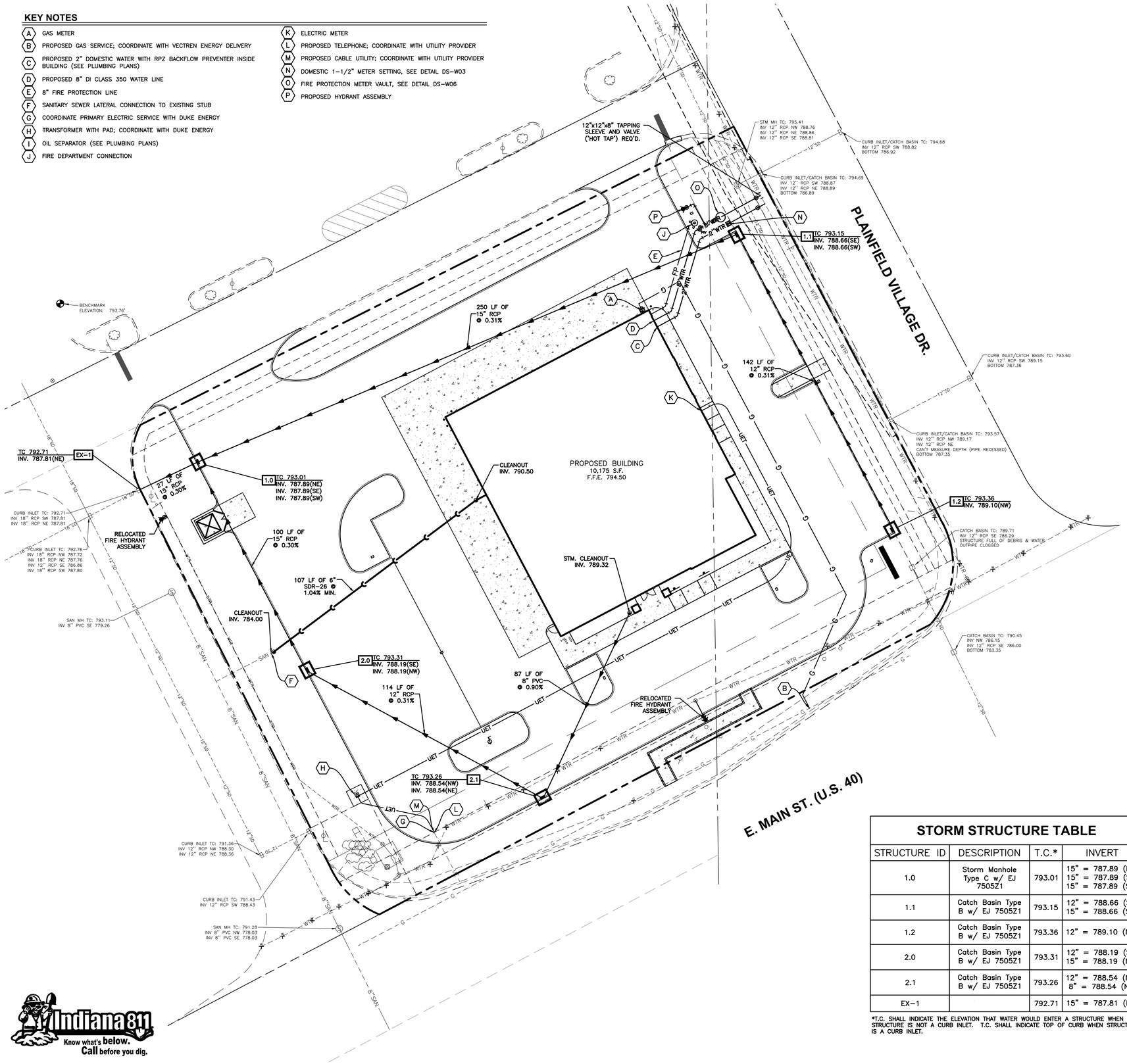
KEY NOTES

- (A) GAS METER
- (B) PROPOSED GAS SERVICE; COORDINATE WITH VECTREN ENERGY DELIVERY
- (C) PROPOSED 2" DOMESTIC WATER WITH RPZ BACKFLOW PREVENTER INSIDE BUILDING (SEE PLUMBING PLANS)
- (D) PROPOSED 8" DI CLASS 350 WATER LINE
- (E) 8" FIRE PROTECTION LINE
- (F) SANITARY SEWER LATERAL CONNECTION TO EXISTING STUB
- (G) COORDINATE PRIMARY ELECTRIC SERVICE WITH DUKE ENERGY
- (H) TRANSFORMER WITH PAD; COORDINATE WITH DUKE ENERGY
- (I) OIL SEPARATOR (SEE PLUMBING PLANS)
- (J) FIRE DEPARTMENT CONNECTION
- (K) ELECTRIC METER
- (L) PROPOSED TELEPHONE; COORDINATE WITH UTILITY PROVIDER
- (M) PROPOSED CABLE UTILITY; COORDINATE WITH UTILITY PROVIDER
- (N) DOMESTIC 1-1/2" METER SETTING, SEE DETAIL DS-W03
- (O) FIRE PROTECTION METER VAULT, SEE DETAIL DS-W06
- (P) PROPOSED HYDRANT ASSEMBLY



LEGEND

EXISTING		PROPOSED
	STORM CURB INLET	
	STORM INLET	
	STORM MANHOLE	
	SANITARY MANHOLE	
	SANITARY CLEANOUT	
	STORM STRUCTURE NUMBER	1.2
	SANITARY STRUCTURE NUMBER	100
SD	STORM SEWER	
	STORM UNDERDRAIN	
SAN	SANITARY SEWER	
WTR	WATER LINE	WTR
	FIRE HYDRANT	
	POST INDICATOR VALVE	PIV
	FIRE DEPARTMENT CONNECTION	
	WATER METER PIT	
	WATER UTILITY PAINT MARK	
	WATER VALVE	
G	GAS	G
	GAS METER	
	GAS VALVE	GV
	GAS UTILITY PAINT MARK	
	UNDERGROUND ELECTRIC	UE
	TRANSFORMER	
	UNDERGROUND TELEPHONE	UT
TP	TELEPHONE PEDESTAL	
	UNDERGROUND CABLE	UC
	LIGHT POLE	
	UTILITY POLE	
	FLAG POLE	
	GUARD POST	
	POST	
	SIGN	
	BENCHMARK	
	DECIDUOUS TREE	
	EVERGREEN TREE	

UTILITY NOTES

1. ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
2. SANITARY MANHOLES SHALL BE PRECAST CONCRETE OR MONOLITHIC, CONSTRUCTED OF CLASS "A" 4,000 PSI CONCRETE, AND CONFORMING TO ASTM C-478.
3. JOINTS BETWEEN PRECAST SANITARY MANHOLE SECTIONS SHALL CONFORM TO ASTM C-443.
4. SANITARY SEWER PIPE AND FITTINGS MAY BE EITHER PVC THAT CONFORMS TO ASTM D-3034, SDR 35 WITH A MINIMUM CELL CLASSIFICATION OF 12454-B, OR REINFORCED CONCRETE PIPE CLASS III, IV, OR V IN ACCORDANCE WITH ASTM C-76.
5. CONSTRUCTION SHALL NOT COMMENCE UNTIL AN IMPROVEMENT LOCATION PERMIT HAS BEEN OBTAINED.
6. WATER MAINS CROSSING ANY AND ALL SEWERS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18" BETWEEN THE OUTSIDE OF THE WATER MAIN PIPE AND THE SEWER PIPE. ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF THE CROSSING SUCH THAT BOTH JOINTS WILL BE EQUIDISTANT AND AS FAR AWAY FROM THE SEWER AS POSSIBLE. IF WATER LINE(S) CROSS BELOW SANITARY SEWER LINE(S), SEWER LINE MUST BE CONSTRUCTED OF EITHER DUCTILE IRON PIPING OR OF 200 psi PVC (SDR-21 OR EQUIVALENT) FOR THAT PARTICULAR SPAN.
7. EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THE EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE TO THE UTILITIES DURING PROBING OR CONSTRUCTION. TO OBTAIN ACCURATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING FORTY-EIGHT (48) HOURS IN ADVANCE: INDIANA UNDERGROUND CABLE LOCATION 1-800-382-5544.
8. ALL STORM DRAINAGE CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL STORM SEWER SPECIFICATIONS AND REQUIREMENTS.
9. FIELD TILE ENCOUNTERED SHALL BE REPLACED AND/OR CONNECTED TO THE STORM SEWER SYSTEM.
10. SIDE SLOPES 3:1 OR GREATER WILL BE SODDED OR STABILIZED WITH AN EROSION CONTROL BLANKET.
11. ALL EARTHEN AREAS DISTURBED DURING CONSTRUCTION SHALL HAVE TEMPORARY SEEDING AND MULCHING.
12. SILT FENCE AROUND STRUCTURES IN PAVEMENT AREA ARE TO BE INSTALLED PRIOR TO PAVING CONSTRUCTION.
13. GRANULAR BACKFILL REQUIRED FOR ALL PIPE UNDER PAVEMENT AND WITHIN 5 FEET OF PAVEMENT.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AT HIS EXPENSE ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, COUNTY, CITY OR LOCAL AGENCY. THE AMOUNT, LOCATION AND SIZE SHALL BE PER DIRECTION OF AGENCY.

STORM STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	T.C.*	INVERT
1.0	Storm Manhole Type C w/ EJ 7505Z1	793.01	15" = 787.89 (NE) 15" = 787.89 (SE) 15" = 787.89 (SW)
1.1	Catch Basin Type B w/ EJ 7505Z1	793.15	12" = 788.66 (SE) 15" = 788.66 (SW)
1.2	Catch Basin Type B w/ EJ 7505Z1	793.36	12" = 789.10 (NW)
2.0	Catch Basin Type B w/ EJ 7505Z1	793.31	12" = 788.19 (SE) 15" = 788.19 (NW)
2.1	Catch Basin Type B w/ EJ 7505Z1	793.26	12" = 788.54 (NW) 8" = 788.54 (NE)
EX-1		792.71	15" = 787.81 (NE)

*T.C. SHALL INDICATE THE ELEVATION THAT WATER WOULD ENTER A STRUCTURE WHEN STRUCTURE IS NOT A CURB INLET. T.C. SHALL INDICATE TOP OF CURB WHEN STRUCTURE IS A CURB INLET.

Indiana 811 Know what's below. Call before you dig.

REVISION

No.	DATE

PROJECT No: 78560
DATE 07/20/18
DES. ARS
DR. ---
CKD. JRN

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FAX: 317.291.5805
WOOLPERT
ARCHITECTURE | ENGINEERING | GEOSPATIAL

BELLE TIRE STORE #150

2708 EAST MAIN STREET
PLAINFIELD, INDIANA

UTILITY PLAN

SHEET NO.
C400

Layout Tab Name: C400, Images: , Xrefs: 78560TBLK.dwg; 78560-p.dwg; 78560-x.dwg
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