

PROPOSED LEGEND

	PAVEMENT LINE
	STORM SEWER W/INLET
	4-1/4" NO. 4 COPPER IN PLASTIC DUCT IN TRENCH
	4-1/4" NO. 4 COPPER IN 2" GALVANIZED STEEL CONDUIT
	SERVICE POINT
	LIGHT POLE
	ASPHALT
	CONCRETE

GRADING LEGEND

<p>✕ 860.00 TOP OF CURB</p> <p>✕ 850.50 EDGE OF PAVEMENT</p> <p>✕ 860.00 FINISH GRADE</p> <p>✕ 860.00 *</p> <p>✕ 855.50 *</p> <p>✕ 860.00 *</p> <p>F.F. ELEV. = 810.70</p> <p>.....</p> <p>----- 800 -----</p> <p>----- 800 -----</p> <p>-----</p> <p><u>GRADE BREAK</u></p> <p style="text-align: center;">◀ • ▶</p>	<p>PROPOSED ELEVATIONS</p> <p>PROPOSED ELEVATIONS</p> <p>(TO BE FIELD VERIFIED)</p> <p>PROPOSED FINISH FLOOR ELEVATION</p> <p>PROPOSED DRAINAGE SWALE</p> <p>EXISTING CONTOURS</p> <p>PROPOSED CONTOURS</p> <p>GRADE BREAK</p> <p>CURB HEIGHT TO TAPER FROM</p> <p>0.5' TO 0.0' IN 6 LFT.</p>
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BENCHMARK INFORMATION

BM #1 ORIGINATING BENCHMARK INDIANA STATE HIGHWAY COMMISSION SEYMOUR DISTRICT BM #5-17 LOCATED IN S.W. 1/4 SEC. 7 T-12-N R-5-E NEEDHAM TOWNSHIP, JOHNSON COUNTY; 1 MILE NORTH OF S.R. 44 ON S.R. #65. BRONZE MARKER #5-17 LOCATED ON N.W. WING OF BRIDGE ON COUNTY ROAD #100 NORTH, OVER I-65, 3 MILES N.E. OF FRANKLIN, INDIANA. ELEVATION = 764.93 (U.S.G.S. DATUM)(NGVD 29)
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GENERAL NOTES

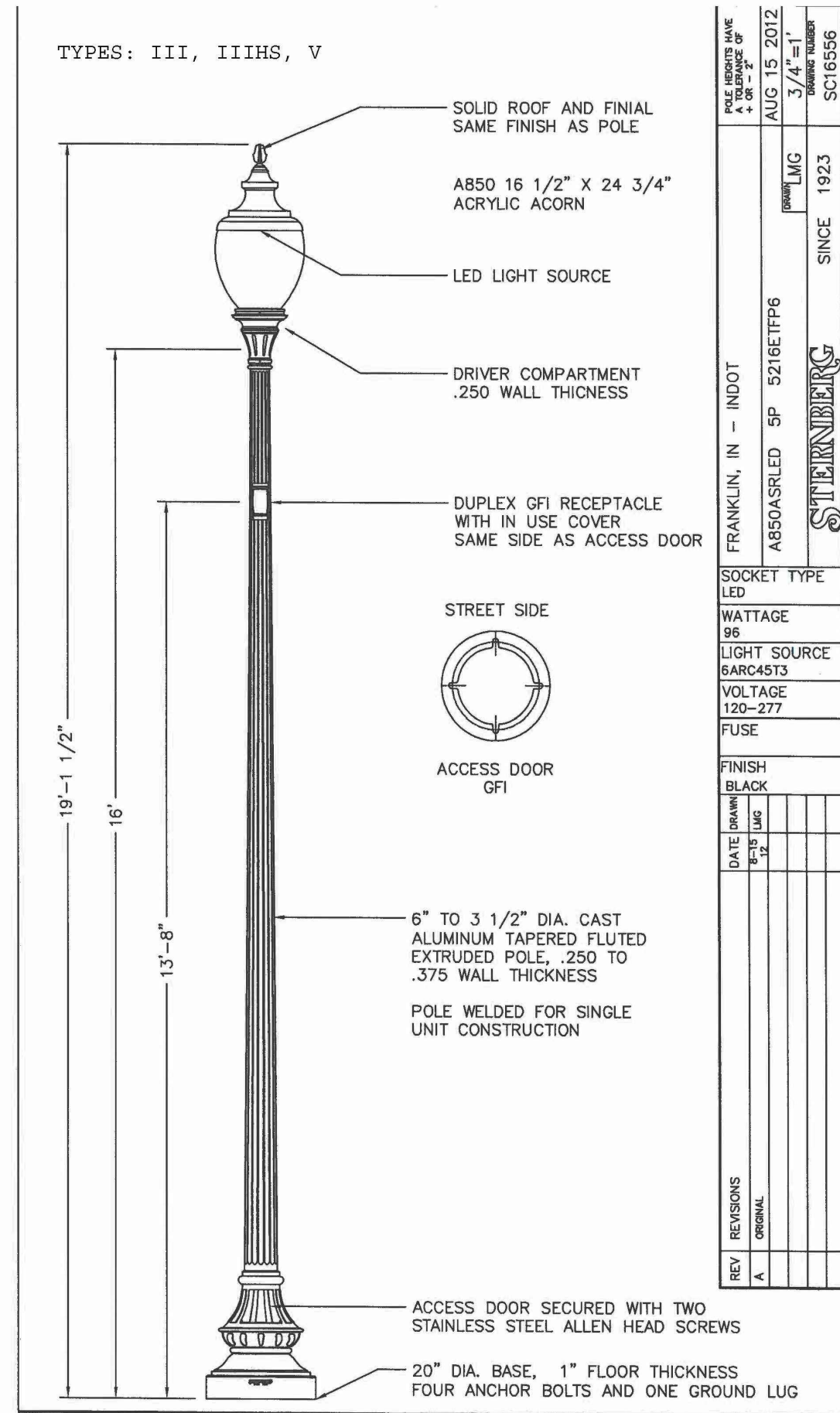
1. ALL RADII DIMENSIONS ARE TO THE FACE OF PROPOSED CURB.
2. SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMEN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.C.D. STANDARDS SHALL GOVERN THE WORK.
4. CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR WATER, CABLE, ELECTRIC, AND TELEPHONE CONNECTION SERVICE POINTS. ALL LIGHTING FIXTURES AND POLES SHALL BE PER OWNER AND CONTRACTOR DETAILS. THIS SHEET OF CONTRACT DETAILS SHALL BE USED TO DETERMINE THE LOCATION OF ALL LIGHT FIXTURES SHALL USE PULSE START BALLASTS AND TWO (2) PHOTOCELL CONTROL RELAYS.
5. CONTRACTOR TO COORDINATE WITH DUKE ENERGY FOR NECESSARY ELECTRIC SERVICE REQUIREMENTS AND SPECIFICATIONS, FOR ALL SERVICE POINTS.
6. CONTRACTOR TO INSTALL SIGNAGE 40" TO 43" TO 4' DEPTH IN AREAS WITH NO PAVEMENT COVERAGE FOR PARKING LOT LIGHTING, CONTRACTOR TO INSTALL 2" STEEL COUNCIL AT 3' TO 4' DEPTH IN AREAS WITH PAVEMENT COVERAGE FOR PARKING LOT LIGHTING. CONTRACTOR TO COORDINATE WITH DUKE ENERGY FOR EXACT LOCATION OF SERVICE CONNECTION, TRANSFORMER LOCATIONS, AND SERVICE LINES. COORDINATE WITH EXISTING UTILITY LOCATIONS.
7. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

STORM STRUCTURE DATA TABLE

EX. STR.	STR. NO. 1	STR. NO. 2	STR. NO. 3	STR. NO. 4
CONTRACTOR TO VERIFY ALL EXISTING ELEVATIONS PRIOR TO ANY STORAGE, REMOVAL AND INSTALLATION OF PROPOSED SEWER. COORDINATE WITH THE ENGINEER. EXP. INV. = 717.37 PROP. INV. IN (15'-W)=713.30 EXP. INV. OUT (15'-W)=713.24	INSTALL SQUARE INLET TYPE "E" WITH NEENAH CASTING R-3472 OR APPROVED EQUAL AND 102 LIFT OF 12" RCP @ 0.30% INV. OUT (12"-E)=716.37	INSTALL SQUARE INLET TYPE "F" WITH NEENAH CASTING R-3472 OR APPROVED EQUAL AND 102 LIFT OF 12" RCP @ 0.70% INV. IN (12"-F)=716.05 INV. OUT (12"-F)=716.00	INSTALL SQUARE INLET TYPE "F" WITH NEENAH CASTING R-3472 OR APPROVED EQUAL AND 150 LIFT OF 15" RCP @ 0.60% INV. IN (12"-W)=714.87 INV. OUT (15"-W)=714.80	INSTALL SQUARE INLET TYPE "F" WITH NEENAH CASTING R-3433 OR APPROVED EQUAL AND 38 LIFT OF 15" RCP @ 1.30% INV. IN (15"-E)=713.84 INV. OUT (15"-E)=713.79

NOTE: ALL CASTINGS ARE TO BE NPDES PHASE I COMPLIANT. CASTINGS SHALL BE MANUFACTURED WITH A STATEMENT SAYING: "DUMP NO WASTE, DRAINS TO REEF IN J2" RAISED LETTERS.

NOTE: ALL CASTINGS ARE TO BE NPDES PHASE II COMPLIANT. CASTINGS SHALL BE MANUFACTURED WITH A STATEMENT SAYING: "DUMP NO WASTE, DRAINS TO RIVER" IN 1/2" RAISED LETTERS



"IT'S THE LAW"
CALL 2 WORKING DAYS BEFORE YOU DIG
1-800-382-5544 or 811
CALL TOLL FREE
PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW
TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION
SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

DIRECTORY PATH : R:\Active\Franklin, City\Farmer's Market Parking\CAD\Plans
FILENAME : 400 GRADING AND UTILITY PLAN.dwg
DATE/USER : 2/4/2015 2:48 PM / Lcox