

DESIGN CRITERIA

SOL BEARING PRESSURE (URED FOR DESIGN)	3000 PSF
ROOF LIVE LOAD	20 PSF
ROOF DEAD LOAD	20 PSF
MEZZANINE LIVE LOAD	100 PSF
CONCRETE STRENGTH (28 DAY)	3000 PSI
STRUCTURAL STEEL BEAMS	ASTM A992
STEEL SHAPES, EXCEPT BEAMS	ASTM A36
REINFORCING STEEL	ASTM A603, GR 60
MASONRY DESIGN STRENGTH	F _m = 1500 PSI

WIND PRESSURE, PER ASCE 7-10	
EXPOSURE CATEGORY	C
WIND SPEED, MAP 1005	120 MPH (37)
RISK CATEGORY	CAT II
INTERNAL PRESSURE COEFF. (ENCLOSED BLDG)	+0.18 / -0.18

SEISMIC DESIGN CATEGORY	II
RISK CATEGORY	D
SUBSURFACE SITE CLASS	II
SEISMIC IMPORTANCE FACTOR	1.0
ANALYSIS PROCEDURE	EQUILIBRIUM LATERAL FORCE BUILDING FRAME SYSTEM
WATER RETAINING MASONRY WALLS	NO
RESPONSE MODIFICATION FACTOR	1.0
*SEISMIC DESIGN CATEGORY	II
DESIGN BASE SHEAR	98 KIPS

Publix
SUPER MARKETS

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PUBLIX FACILITIES DESIGN DEPARTMENT
DAVID R. BEEBE, PE
ARCHITECT

- | | |
|-------------------------|-----------|
| DAVID R. BEEBE, PE | 11/27 |
| GA REG. | 11277 |
| FL REG. | 12432 |
| AL REG. | 6234 |
| NC REG. | 100487 |
| VA REG. | 84017097 |
| JOHN W. KITCHENS, PE | 12/432 |
| STRUCTURAL FL. REG. | 45277 |
| SC REG. | 60025 |
| AL REG. | 16340 |
| NC REG. | 26862 |
| TN REG. | 101507 |
| PAUL C. HARMAN, PE | 13/908 |
| STRUCTURAL FL. REG. | 45277 |
| SC REG. | 21754 |
| AL REG. | 24905 |
| TN REG. | 101507 |
| NC REG. | 39873 |
| VA REG. | 940205922 |
| JOHN J. CARAMALIS, PE | 43/889 |
| MECHANICAL FL. REG. | 43889 |
| GA REG. | 601248 |
| SC REG. | 6021 |
| TN REG. | 111362 |
| NC REG. | 63984 |
| VA REG. | 940205917 |
| ANTHONY CLEMENTI, PE | 54/781 |
| MECHANICAL FL. REG. | 54781 |
| GA REG. | 31862 |
| SC REG. | 25591 |
| AL REG. | 28489 |
| TN REG. | 111362 |
| NC REG. | 63984 |
| VA REG. | 940205917 |
| RAYMOND J. SIRIANNI, PE | 54/805 |
| ELECTRICAL FL. REG. | 54805 |
| GA REG. | 40508 |
| SC REG. | 19743 |
| AL REG. | 23065 |
| TN REG. | 108038 |
| NC REG. | 63984 |
| VA REG. | 940205378 |

FOUNDATION NOTES

1. ALL VERTICAL SPACING SHALL BE 12" UNLESS OTHERWISE NOTED.
2. ALL 12" CMU EXTERIOR WALLS ARE SHEAR WALLS AND ARE PART OF THE MAIN WIND FORCE RESISTING SYSTEM.
3. CONTRACTOR MUST COORDINATE THESE STRUCTURAL DRAWINGS WITH SHOPPING CENTER ARCHITECTURAL AND STRUCTURAL DRAWINGS. ADDITIONAL FOOTINGS AND FILLED CELLS MAY BE REQUIRED.
4. TYPICAL TOP OF FOOTING ELEVATION = 2'-0" AND IS RELATIVE TO FIN. FLOOR ELEVATION OF 0' (FIN. D.). COORDINATE STEP LOCATIONS WITH SUPPLEMENTAL DWGS BY SHOPPING CENTER ARCH. SEE S/52.1 FOR STEPS IN WALL FOOTINGS.
5. SEE DETAIL 181/52.2 FOR MODIFICATIONS TO FOUNDATION FOR BUILDINGS IN SEISMIC DESIGN CATEGORYES 'C' OR 'D', WHEN APPLICABLE.
6. FOOTING PADS AND PEDESTALS ARE CENTERED ON COLUMN LOCATIONS UNLESS NOTED OTHERWISE.
7. SOIL AT UNDERSIDE OF FOOTING SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL CONSULTANT PRIOR TO POURING OF FOOTINGS.
8. FOR WALL OPENING PRESSURES, SEE TABLE 3/54.1
9. THIS BUILDING MUST BE INSPECTED BY A SPECIAL INSPECTOR FOR THE LIST OF SPECIAL INSPECTIONS ON SHEET S4.2.

COORDINATE WITH SHOPPING CENTER DRAWINGS FOR FACADE AND ADJACENT RETAIL REQUIREMENTS.

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THE DESIGN INDICATED IN THESE CONSTRUCTION DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES.

PLOT DATE:
August 21 2018

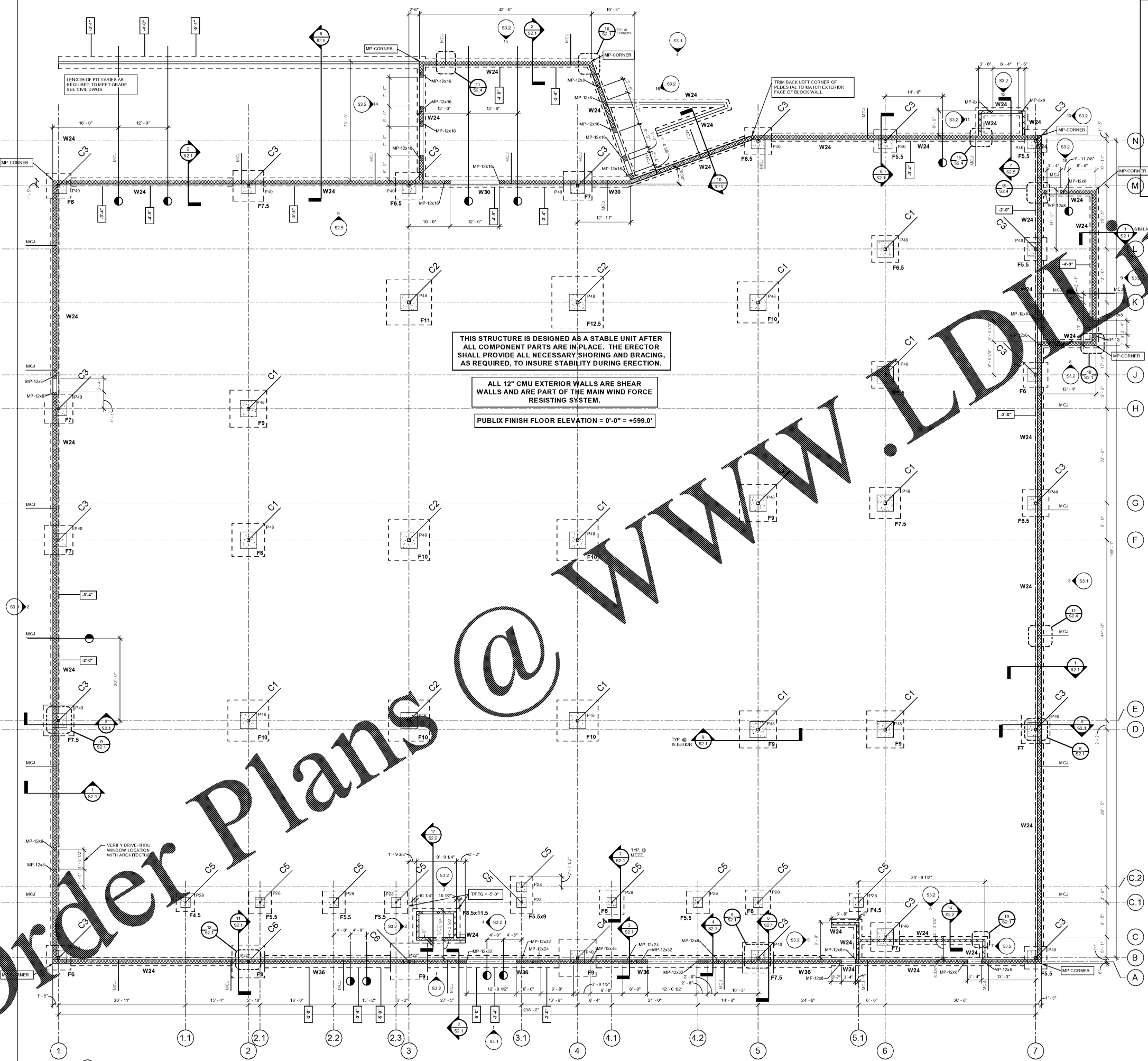
No.	Description	Date

STORE NUMBER
1687
Tattersall Park
US 280 & Highway 19
Hoover
Shelby Co., AL
48.10
V181.2018
SIENNA LITE

FOUNDATION PLAN

As indicated

S1.1



THIS STRUCTURE IS DESIGNED AS A STABLE UNIT AFTER ALL COMPONENT PARTS ARE IN PLACE. THE ERECTOR SHALL PROVIDE ALL NECESSARY SHORING AND BRACING, AS REQUIRED, TO INSURE STABILITY DURING ERECTION.

ALL 12" CMU EXTERIOR WALLS ARE SHEAR WALLS AND ARE PART OF THE MAIN WIND FORCE RESISTING SYSTEM.

PUBLIX FINISH FLOOR ELEVATION = 0'-0" = +599.0'

1 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"