

GFS MARKETPLACE

PROJECT #1105054
COPLEY TOWNSHIP, OH

ARCHITECTS • CIVIL ENGINEERS
pd paradigm design
550 3 MILE N.W.
SUITE B
GRAND RAPIDS, MI 49544
PHONE (616) 785-5656
FAX (616) 785-5657
WEB PARADIGMAE.COM

CODE INFORMATION

BUILDING CODE:

2011 OHIO BUILDING CODE (IBC 2009)
2011 OHIO PLUMBING CODE (IPC 2009)
2011 OHIO MECHANICAL CODE (IMC 2009)
2011 OHIO BUILDING CODE - NFPA 70
2011 OHIO FIRE CODE (IFC 2006)
2011 OHIO BUILDING CODE (ICC/ANSI A117.1-2003 AND ADAAG)

USE & OCCUPANCY CLASSIFICATION:

MERCANTILE

CONSTRUCTION CLASS:

TYPE 2B

ALLOWABLE BUILDING HEIGHT & AREA:

HEIGHT = 55' (30' MAX. @ PEAK PROVIDED)
AREA = 50,000 S.F. (15,888 S.F. PROVIDED)

EGRESS REQUIREMENTS:

| | FLOOR AREA PER OCCUPANT | FLOOR AREA IN SQ. FT. | OCCUPANT LOAD |
|--------------------|-------------------------|-----------------------|---------------|
| STORAGE | 1:300 | 5,426 | 18 |
| SALES AREA | 1:30 | 8,907 | 297 |
| FOOD PREP | 1:200 | 480 | 2 |
| OFFICE/SERVICE | 1:100 | 354 | 4 |
| TOILET/CORRIDOR | 0 | 195 | 0 |
| EXTERIOR WALL AREA | 0 | 526 | 0 |
| TOTALS | | 15,888 | 321 |

321 OCCUPANT x 0.2 = 64.8^{sq} REQUIRED
156.00^{sq} PROVIDED

STRUCTURAL DESIGN LOADS:

GENERAL DESIGN LOADS

| | |
|---------------------------------------|-----------|
| GROUND SNOW LOAD | = 20 PSF |
| ROOF SNOW LOAD | = 20 PSF |
| DEAD LOAD | = 13 PSF |
| FLOOR LIVE LOAD | = 125 PSF |
| BASIC WIND SPEED | = 90 MPH |
| BUILDING CATEGORY | = II |
| DESIGN WIND PRESSURE (MWFRS) | = 20 PSF |
| WIND IMPORTANCE FACTOR (I) | = 1.0 |
| WIND EXPOSURE CATEGORY | = C |
| INTERNAL PRESSURE COEFFICIENTS (GCPI) | = +0.18 |

EARTHQUAKE DESIGN DATA

| | |
|--------------------------------|---|
| SEISMIC GROUP = 1 | |
| SPECTRAL RESPONSE COEFFICIENT | SDS = 0.166 |
| | SDI = 0.091 |
| SITE CLASS | = 0 |
| SEISMIC FORCE RESISTING SYSTEM | = INTERMEDIATE REINFORCED MASONRY SHEAR WALLS (R=3.5) |
| DESIGN BASE SHEAR | = 25,000# |
| ANALYSIS PROCEDURE | = EQUIVALENT LATERAL FORCE |
| SEISMIC IMPORTANCE FACTOR | = 1.0 |
| | SI = 0.16 |
| | CS = 0.06 |
| | R = 3.5 |

PROJECT DIRECTORY

PROJECT ADDRESS:

TEMP 120 ROTHROCK ROAD
COPLEY TOWNSHIP, OH

OWNER:

GFS MARKETPLACE
REALTY FIVE, LLC
420 50TH ST. SW
GRAND RAPIDS, MI 49501
PHONE: (616) 717-7043
FAX: (616) 717-9053
CONTACT: BRYANT ECKERT
E-MAIL: BRYANT.ECKERT@GFS.COM

CONTRACTOR:

ARCHITECT:

PARADIGM DESIGN
550 3 MILE RD. NW
SUITE B
GRAND RAPIDS, MI 49544
PHONE: (616) 785-5656
FAX: (616) 785-5657
REGISTERED ARCHITECT: JOSEPH GRECO
CONTACT: JACK WATKINS
EMAIL: JWATKINS@PARADIGMAE.COM

MECH/ELECT./PLUMB. ENGINEER:

ENGINEERING DESIGN GROUP
3000 IVANREST SW
SUITE A1
GRANDVILLE, MI 49418
PHONE: (616) 532-5500
FAX: (616) 532-6132
CONTACT: AL ZUIDEMA (MECH. & PLUMB.)
BRENT COOK (ELECTRICAL)
EMAIL: ALZUIDEMA.EDG@GMAIL.COM
ENGDESIGNGROUP@ATT.NET

STRUCTURAL ENGINEER:

SOILS & STRUCTURES, INC.
6480 GRAND HAVEN RD.
MUSKEGON, MI 49441
PHONE: (231) 798-4127
FAX: (231) 798-1383
CONTACT: BRIAN MURPHY
EMAIL: BMURPHY@SOILSANDSTRUCTURES.COM

CIVIL ENGINEER:

PARADIGM DESIGN
550 3 MILE RD. NW
SUITE B
GRAND RAPIDS, MI 49544
PHONE: (616) 785-5656
FAX: (616) 785-5657
REGISTERED ENGINEER: WILLIS M. HADLOCK JR.
CONTACT: JOHN WALSH
EMAIL: JWALSH@PARADIGMAE.COM

SHEET INDEX

GENERAL:

G100 - TITLE SHEET
G101 - PROJECT RESPONSIBILITY SCHEDULE

CIVIL:

C100 - SITE REMOVALS / EXISTING CONDITIONS PLAN
C101 - SITE LAYOUT & UTILITY PLAN
C102 - SITE GRADING PLAN
C103 - SWPP PLAN
C301 - WATER LINE PLAN / PROFILE
C302 - WATER LINE SPECIFICATIONS
C303 - STORM SEWER PLAN / PROFILE
C304 - DETENTION BASIN CROSS SECTIONS
C305 - SANITARY SEWER PLAN / PROFILE
C401 - DETAILS

LANDSCAPE:

L101 - LANDSCAPE PLAN

ARCHITECTURAL:

A100 - LIFE SAFETY PLAN
A101 - FLOOR PLAN
A201 - EXTERIOR ELEVATIONS
A202 - DUMPSTER PLANS AND DETAILS
A301 - BUILDING SECTIONS AND DETAILS
A401 - WALL SECTIONS & DETAILS
A402 - CANOPY SECTIONS & DETAILS
A403 - WALL SECTIONS & DETAILS
A601 - ROOM/DOOR SCHEDULE & DETAILS
A602 - INTERIOR ELEVATIONS & DETAILS

STRUCTURAL:

S101 - FOUNDATION PLAN
S102 - ROOF FRAMING PLAN
S401 - FOUNDATION DETAILS
S501 - FRAMING DETAILS
S502 - FRAMING & FOUNDATION DETAILS / ROOF PLAN

FIRE PROTECTION:

FP101 - FIRE PROTECTION PLAN
FP401 - FIRE PROTECTION DETAILS

PLUMBING:

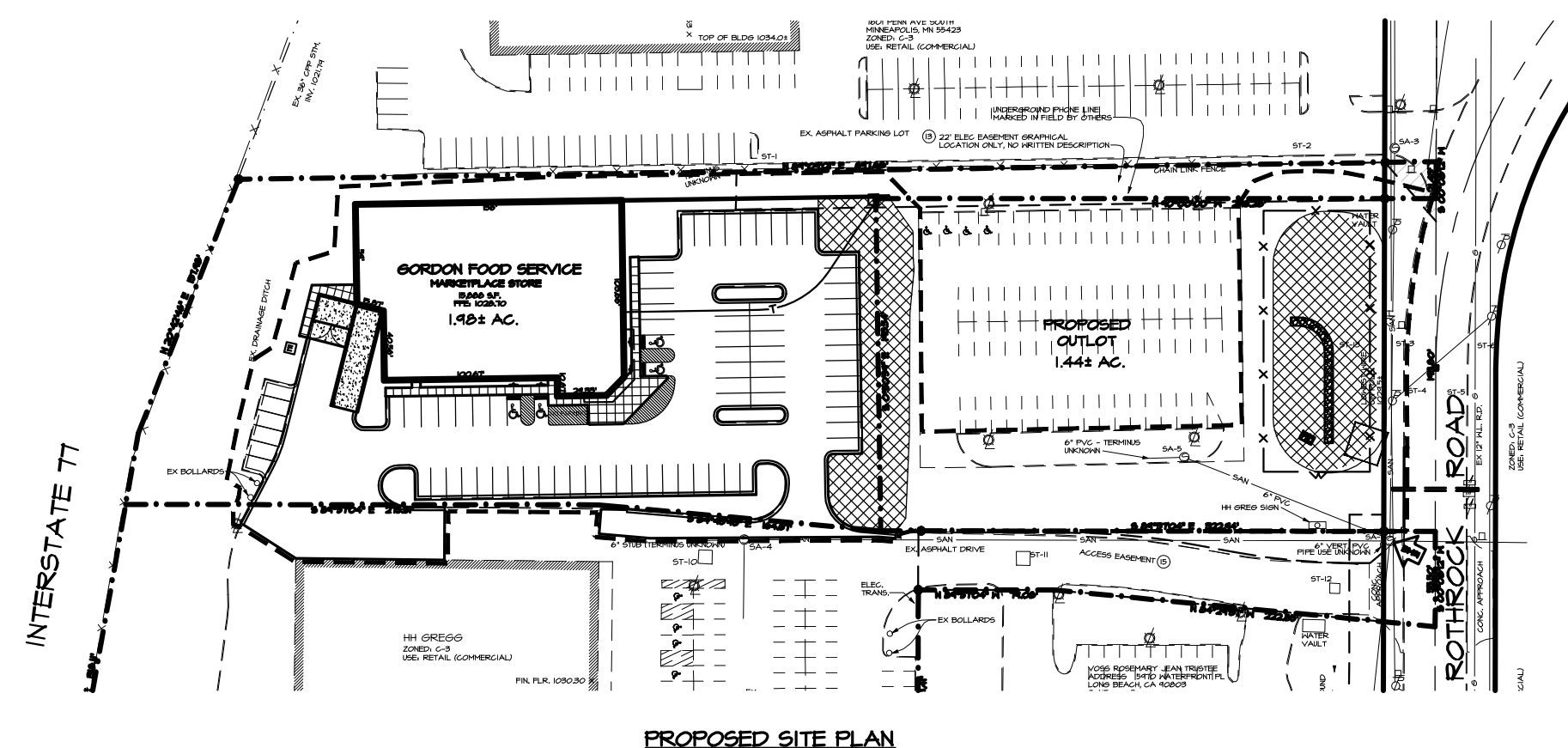
P102 - PLUMBING FOUNDATION PLAN
P103 - PLUMBING FLOOR PLAN
P401 - PLUMBING DETAILS
P402 - PLUMBING DETAILS
P403 - PLUMBING DETAILS
P404 - FIRE PROTECTION ROOM ENLARGED PLAN & ELEVATIONS
P901 - PLUMBING & SANITARY SCHEMATIC

MECHANICAL:

M102 - MECHANICAL FLOOR PLAN
M401 - DETAILS & SCHEDULES
M402 - DETAILS & SCHEDULES

ELECTRICAL:

E101 - SITE LIGHTING PLAN
E102 - LIGHTING FLOOR PLAN
E103 - CEILING COORDINATION PLAN
E104 - POWER FLOOR PLAN
E105 - OVERHEAD/COMMUNICATIONS FLOOR PLAN
E106 - UNDERGROUND/COMMUNICATIONS FLOOR PLAN
E107 - ENLARGED POWER FLOOR PLAN & ELEVATIONS
E401 - MISC. DETAILS
E402 - CASEWORK POWER/COMMUNICATIONS DETAILS
E601 - RISER DIAGRAM & PANEL SCHEDULES



CIVIL ENGINEER'S SEAL FOR SHEETS:
CIVIL: G100-C401

ARCHITECT'S SEAL FOR SHEETS:
GENERAL: G100, G101
LANDSCAPE: L101
ARCHITECTURAL: A101-A602
STRUCTURAL: S101-S502

ENGINEER'S SEAL FOR SHEETS:
FIRE PROTECTION: FP101, FP401
PLUMBING: P102-P401
MECHANICAL: M101-M402
ELECTRICAL: E101-E601

NOTES:
1. CONTRACT DOCUMENTS ARE INCLUSIVE OF PLANS AND SPECIFICATIONS. CONTRACTORS ARE RESPONSIBLE TO BE FULLY AWARE OF SPECIFICATION REQUIREMENTS WHEN BIDDING OR PERFORMING WORK RELATED TO THE PROJECT. ALSO, THE GENERAL CONTRACTOR IS TO ENSURE COMPLETE UNDERSTANDING OF SCOPE OF WORK AS ENTAILED WITHIN THESE DOCUMENTS AND SPECIFICATIONS.
2. IF DISCREPANCY IN CONSTRUCTION DOCUMENTS EXISTS, REFER TO SPECIFICATIONS, GENERAL AND SUPPLEMENTARY CONDITIONS OF THE CONTRACT.

PROJECT

GFS MARKETPLACE

COPLEY TOWNSHIP

TEMP 120 ROTHROCK ROAD
AKRON, OH

BLDG OWNER:

GFS MARKETPLACE
REALTY FIVE, LLC

P.O. BOX 1812
GRAND RAPIDS, MI

RELEASE DATE

4-23-12 OWNER REVIEW
4-27-12 FOR PERMITS & CONSTRUCTION
5-21-12 FOR PERMITS, BIDS & CONSTRUCTION

PROJECT

1105054

SHEET

G100