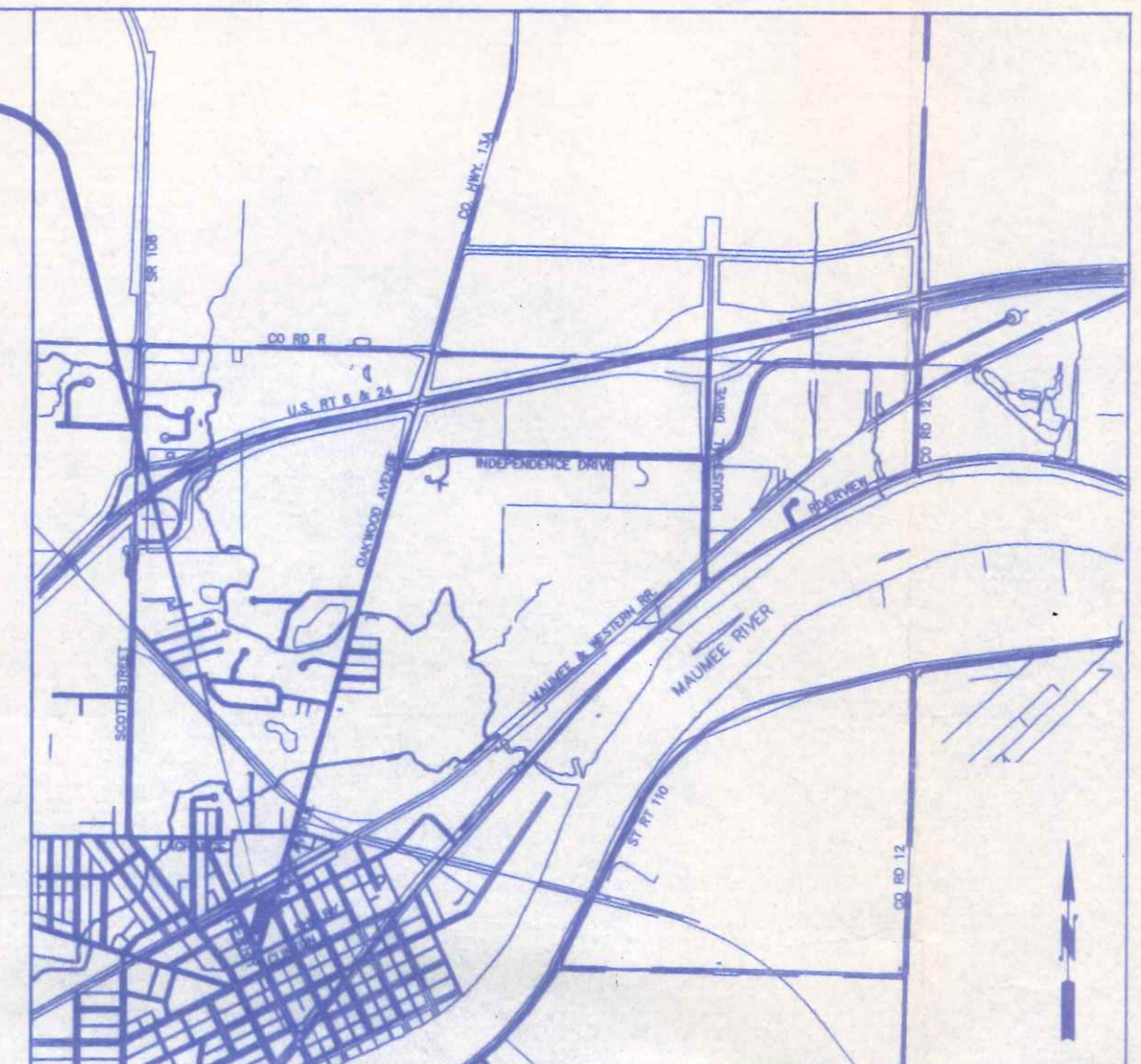


ADJOINING BUILDING DATA:
 USE GROUP: "M & R-2" MERCANTILE-RESIDENTIAL
 NON-SEPERATED MIXED USE
 CONSTRUCTION TYPE: 2-B SHELL & 2nd FLR. PRIMARY FRAMING
 w/5-B INTERIOR NON-BRG. FRAMING & 2nd FLR. DECK
 AREA: ALLOWABLE; 7,000 SQ. FT. (Table 503 5-B Const.)
 EXISTING; 6,067 SQ. FT.
 HEIGHT: ALLOWABLE; 40' - 1 STORY (Table 503 5-B Const.)
 EXISTING/PROPOSED; 25' - 2 STORY
 MAXIMUM OCCUPANCY LOAD: 69 PERSONS (1st Floor Estimated Actual)
 MAXIMUM OCCUPANCY LOAD: 30 PERSONS (2nd Floor Estimated Actual)
 MAXIMUM EXIT ACCESS TRAVEL DISTANCE : 200' ALLOWABLE
 150'± EXISTING

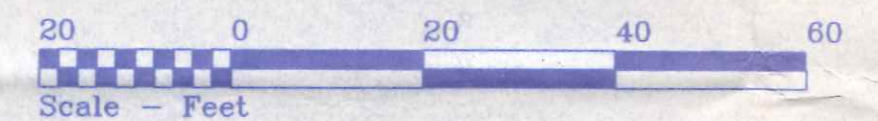
PROJECT LOCATION



LOCATION MAP

SUBJECT BUILDING DATA:

USE GROUP: "M" MERCANTILE
 CONSTRUCTION TYPE: 2-B
 AREA: ALLOWABLE; 12,500 SQ. FT. (Table 503)
 EXISTING; 4,574 SQ. FT.; INCLUDES 264 s.f. CANOPY AREA
 HEIGHT: ALLOWABLE; 55' - 4 STORY (Table 503)
 EXISTING; 14'-4"± - 1 STORY
 MAXIMUM OCCUPANCY LOAD: 142 PERSONS (Per Table 1003.2.2.2)
 OCCUPANCY LOAD: 78 PERSONS (Estimated Actual)
 MAXIMUM EXIT ACCESS TRAVEL DISTANCE: 200' ALLOWABLE
 100'± EXISTING
 DESIGN LOADS: FLOOR; MIN. 125 psf. LIVE plus DEAD LOAD
 ROOF; 20 psf. LIVE LOAD plus DEAD LOAD
 3 psf. COLLATERAL LOAD
 20 psf. GROUND SNOW LOAD
 SNOW EXPOSURE FACTOR, $C_e = 1.0$
 SNOW LOAD IMPORTANCE FACTOR, $I_s = 1.0$
 THERMAL FACTOR, $C_t = 1.0$
 WIND; EXPOSURE "C", 75 mph basic wind speed,
 90 mph 3 second gust wind velocity.
 WIND IMPORTANCE FACTOR, $I_w = 1.00$
 BUILDING CATEGORY = I
 SOIL BEARING CAPACITY: 2,000 p.s.f. (Class 4 Soils)
 SEISMIC DATA: SITE CLASS = D
 USE GROUP = I
 SPECTRAL RESPONSE COEFFICIENTS, $SDS = 0.181$
 $SM1 = 0.144$
 OCCUPANCY IMPORTANCE FACTOR = 1.00
 SEISMIC DESIGN CATEGORY:
 SHORT PERIOD = B
 1 SECOND PERIOD = B
 BASIC STRUCTURAL SYSTEM: 3 MRFS
 RESPONSE MODIFICATION COEFFICIENT: $R = 4.0$
 DEFLECTION APPLICATION FACTOR: $C_d = 3.5$
 FOR ADDITIONAL SEISMIC DATA
 ~ SEE MANUFACTURER'S ATTACHMENT ~

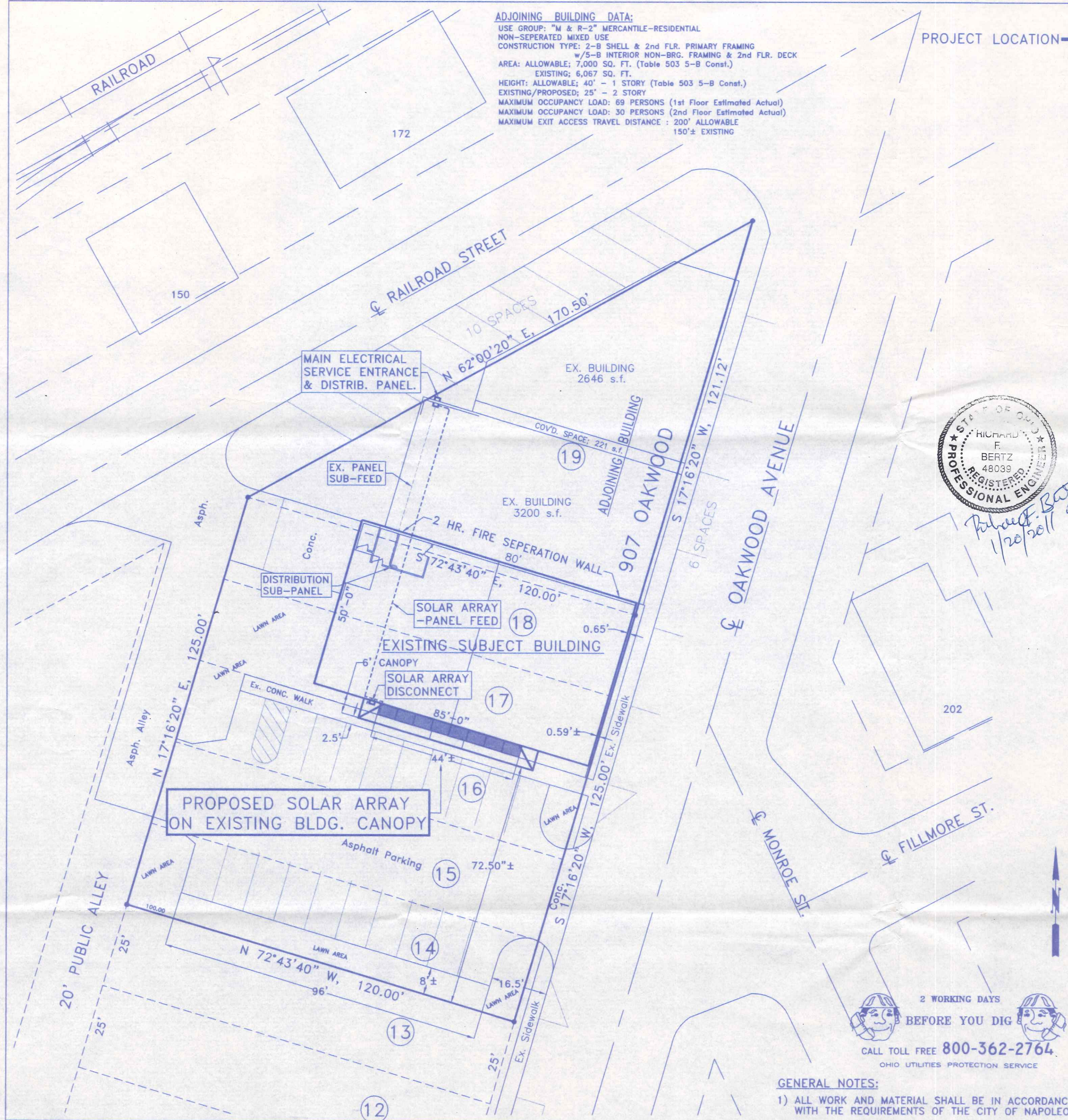


BEING LOCATED ON LOTS 14 THROUGH 19, INCLUSIVE,
 OF HENRY YEAGERS 3RD ADDITION TO THE VILLAGE (NOW
 CITY) OF NAPOLEON, HENRY COUNTY, STATE OF OHIO

WOODS AUTO SUPPLY	
907 OAKWOOD AVENUE	419.599.4015
NAPOLEON, OHIO	
DIRECTORY: C:\ND\LEUPP\WOODSAUTO\FILE NAME: \SITE	REVISED:
DRAWN BY: R.D.S. ~ dba: NEW DIMENSIONS	SCALE: NOTED
SITE PLAN, LOCATION MAP & BUILDING DATA	
DATE: JAN., 2011	
DRAWING NUMBER:	
S - 1	

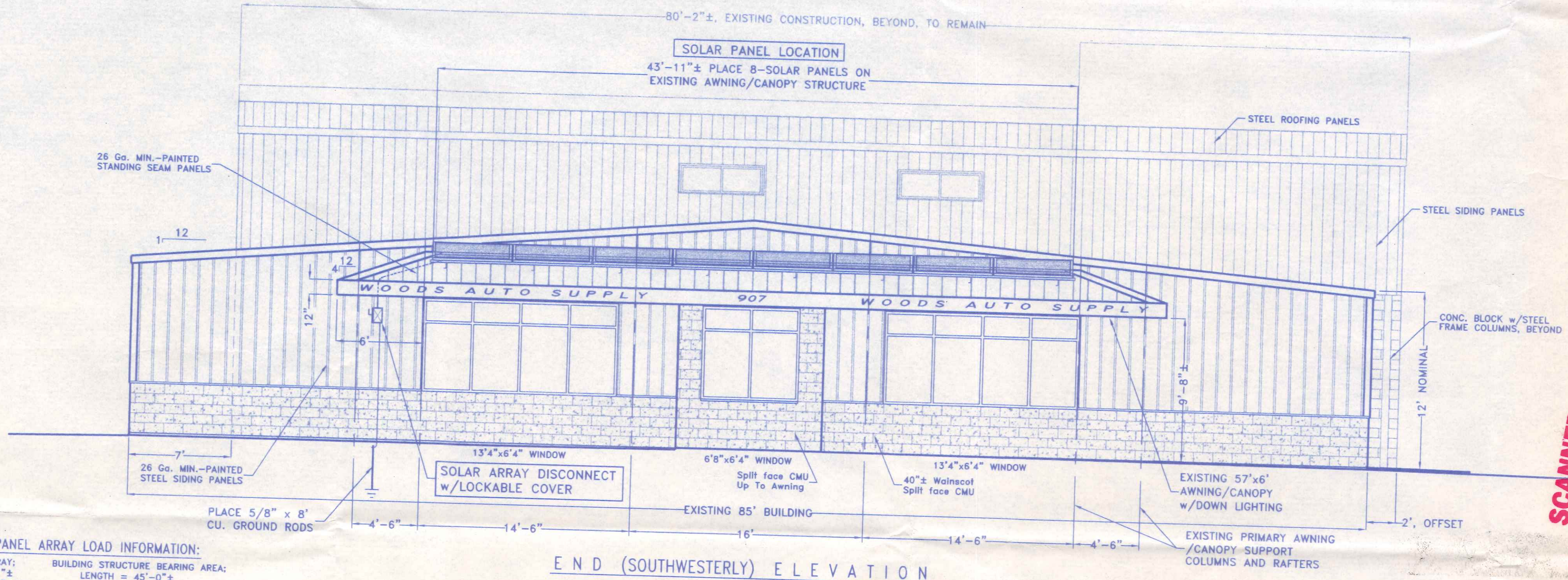
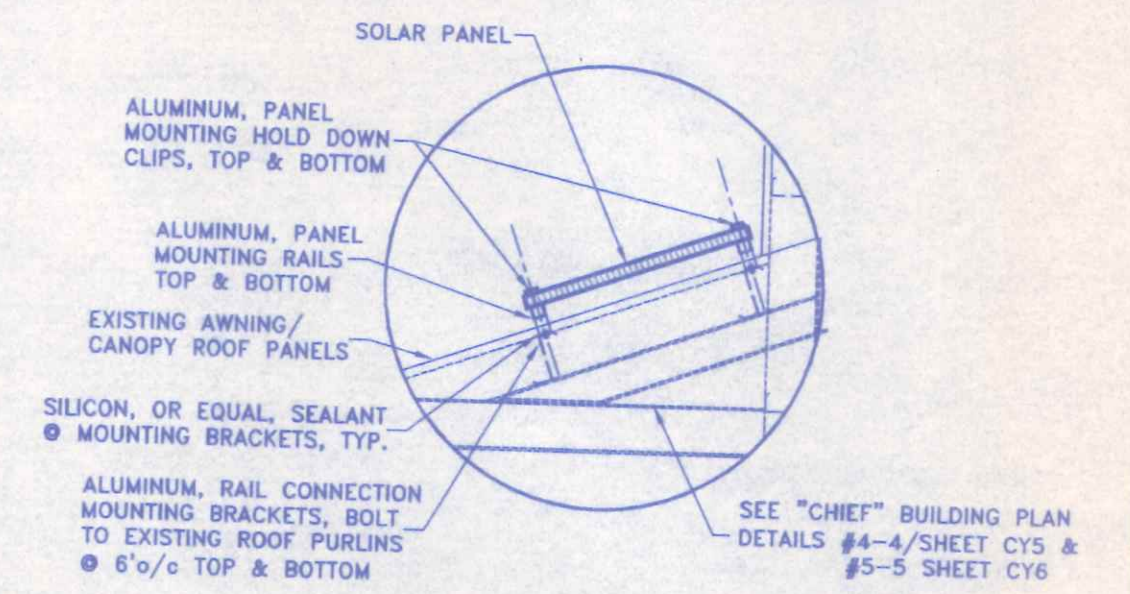
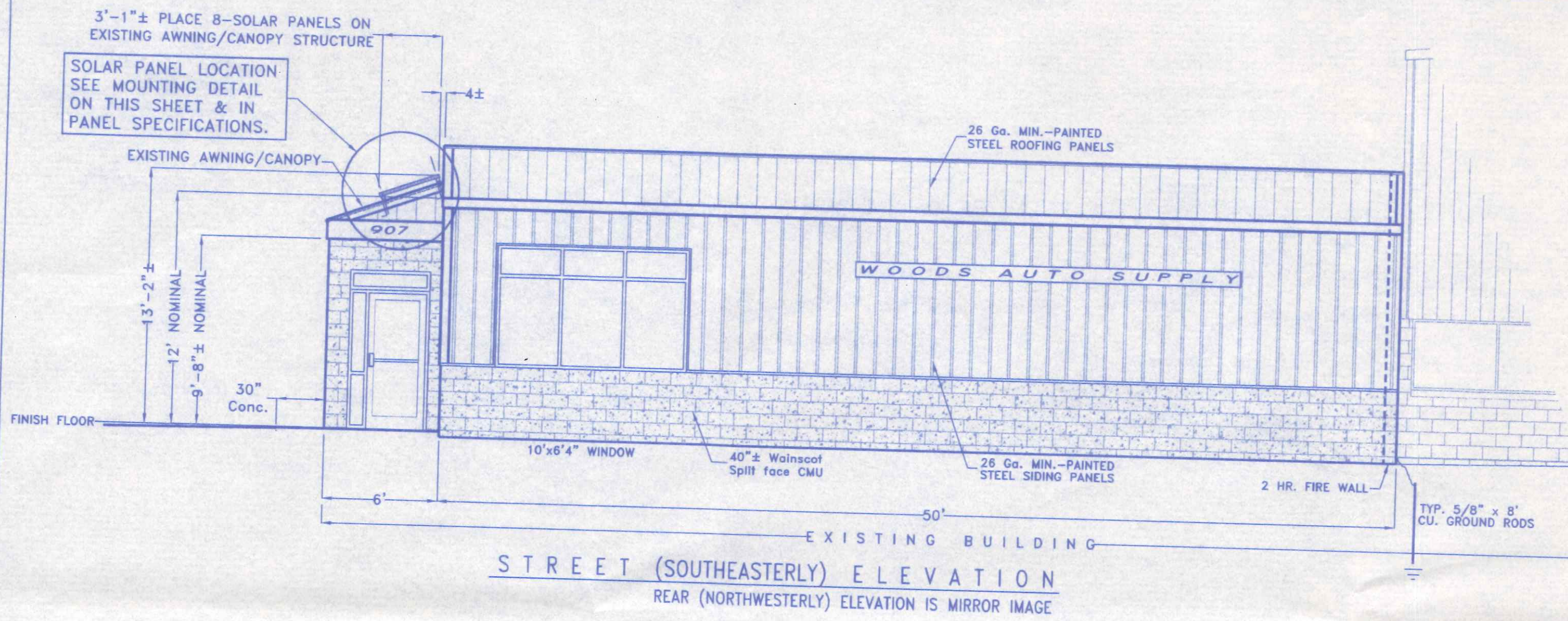


Richard F. Bertz
 1/20/2011



GENERAL NOTES:
 1) ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF NAPOLEON.





SOLAR PANEL ARRAY LOAD INFORMATION:

TOTAL SIZE OF ARRAY:		BUILDING STRUCTURE BEARING AREA:	
LENGTH	= 43'-11"±	LENGTH	= 45'-0"±
WIDTH	= 3'-3"±	WIDTH	= 4'-6"±
AREA	= 143 s.f.±	AREA	= 202.5 s.f.±

ITEM	#/UNITS	WGT./UNIT	TOTAL
Solar panels	8	44.0#	352.0
Inverters	8	4.4#	35.0
Mounting rail	88	1.25#	110.0
End clamps	14	0.5#	7.0
Mtd clamps	4	0.25#	1.0
Misc hardware	16	0.5#	8.0
			513.0 = TOTAL LOAD

513 # / 202.5 s.f. = 2.5 psf. Uniform load to Building structure.
 NOTE: THE ORIGINAL STEEL BUILDING DESIGN PROVIDED FOR A 3.0 psf COLLATERAL ROOF LOAD; SEE ATTACHED "CHIEF" PLAN SHEET "A3" & WOOD CO. PERMIT #C04-B 311, ISSUED 07/22/04



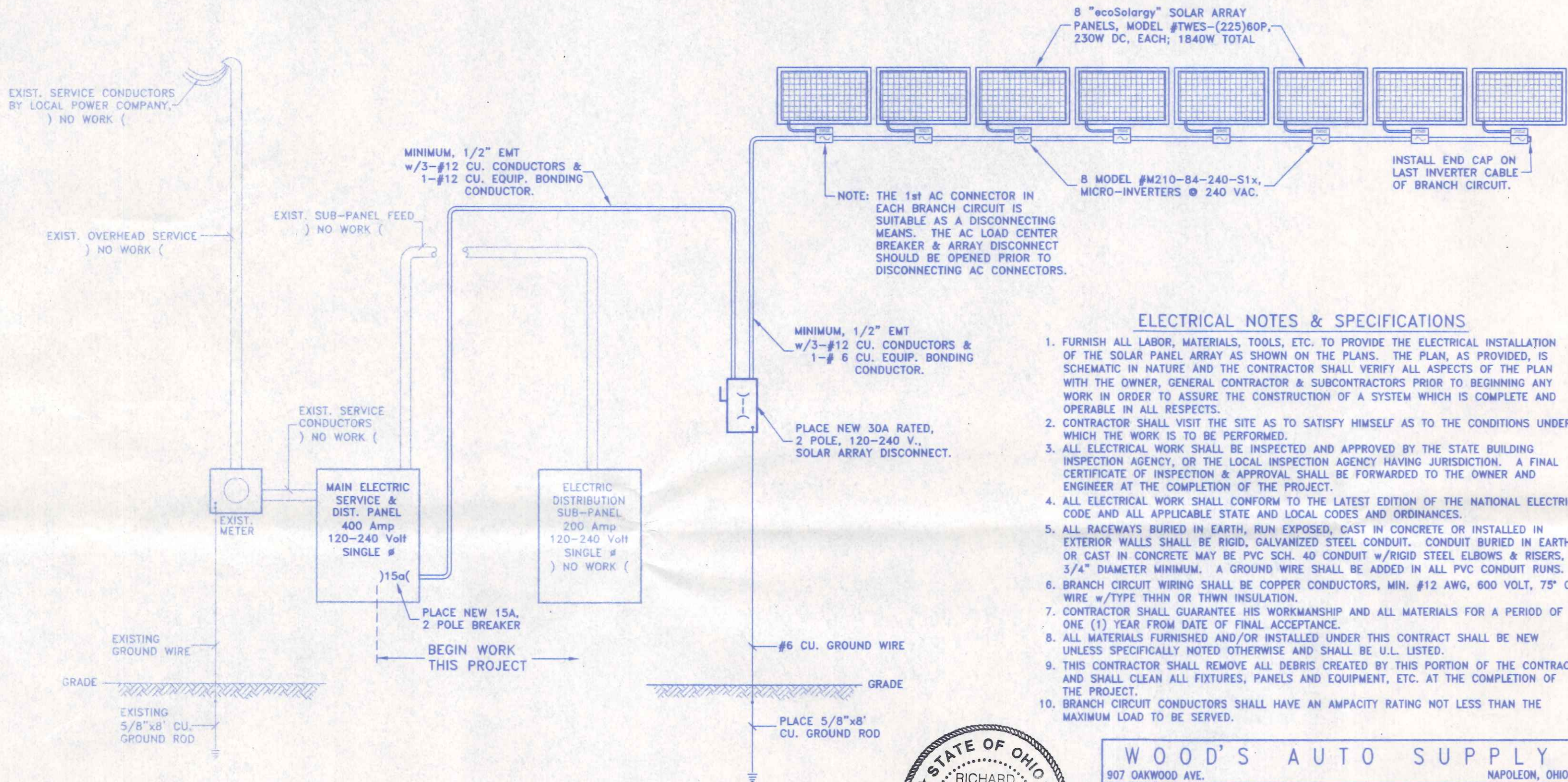
Richard F. Bertz
1/20/2011

- INDEX OF SHEETS**
- A-1 - EXTERIOR ELEVATIONS & INDEX OF SHEETS
 - S-1 - SITE PLAN w/ELECTRIC PANEL LOCATIONS
 - ATTACHMENTS - ELECTRICAL SCHEMATIC, DIAGRAM & SPECIFICATIONS
 - SOLAR PANEL SPECIFICATIONS
 - MANUFACTURED STEEL BUILDING DRAWINGS & SPECIFICATIONS (SELECTED SHEETS)

WOOD'S AUTO SUPPLY
 907 OAKWOOD AVE. NAPOLEON, OHIO

DIRECTORY: C:\ND\LEUPP	FILE NAME: WOODSAUTO\FLELEV	REVISED:
DRAWN BY: R.D.S. ~ dba: NEW DIMENSIONS		REVISED:
EXTERIOR ELEVATIONS & INDEX OF SHEETS		SCALE: 3/16" = 1'
		DATE: JAN., 2011
		DRAWING NUMBER: A - 1

SCANNED 12/19/19



ELECTRICAL NOTES & SPECIFICATIONS

1. FURNISH ALL LABOR, MATERIALS, TOOLS, ETC. TO PROVIDE THE ELECTRICAL INSTALLATION OF THE SOLAR PANEL ARRAY AS SHOWN ON THE PLANS. THE PLAN, AS PROVIDED, IS SCHEMATIC IN NATURE AND THE CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE PLAN WITH THE OWNER, GENERAL CONTRACTOR & SUBCONTRACTORS PRIOR TO BEGINNING ANY WORK IN ORDER TO ASSURE THE CONSTRUCTION OF A SYSTEM WHICH IS COMPLETE AND OPERABLE IN ALL RESPECTS.
2. CONTRACTOR SHALL VISIT THE SITE AS TO SATISFY HIMSELF AS TO THE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.
3. ALL ELECTRICAL WORK SHALL BE INSPECTED AND APPROVED BY THE STATE BUILDING INSPECTION AGENCY, OR THE LOCAL INSPECTION AGENCY HAVING JURISDICTION. A FINAL CERTIFICATE OF INSPECTION & APPROVAL SHALL BE FORWARDED TO THE OWNER AND ENGINEER AT THE COMPLETION OF THE PROJECT.
4. ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES.
5. ALL RACEWAYS BURIED IN EARTH, RUN EXPOSED, CAST IN CONCRETE OR INSTALLED IN EXTERIOR WALLS SHALL BE RIGID, GALVANIZED STEEL CONDUIT. CONDUIT BURIED IN EARTH OR CAST IN CONCRETE MAY BE PVC SCH. 40 CONDUIT w/RIGID STEEL ELBOWS & RISERS, 3/4" DIAMETER MINIMUM. A GROUND WIRE SHALL BE ADDED IN ALL PVC CONDUIT RUNS.
6. BRANCH CIRCUIT WIRING SHALL BE COPPER CONDUCTORS, MIN. #12 AWG, 600 VOLT, 75° C WIRE w/TYPE THHN OR THWN INSULATION.
7. CONTRACTOR SHALL GUARANTEE HIS WORKMANSHIP AND ALL MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE.
8. ALL MATERIALS FURNISHED AND/OR INSTALLED UNDER THIS CONTRACT SHALL BE NEW UNLESS SPECIFICALLY NOTED OTHERWISE AND SHALL BE U.L. LISTED.
9. THIS CONTRACTOR SHALL REMOVE ALL DEBRIS CREATED BY THIS PORTION OF THE CONTRACT AND SHALL CLEAN ALL FIXTURES, PANELS AND EQUIPMENT, ETC. AT THE COMPLETION OF THE PROJECT.
10. BRANCH CIRCUIT CONDUCTORS SHALL HAVE AN AMPACITY RATING NOT LESS THAN THE MAXIMUM LOAD TO BE SERVED.

ELECTRICAL SCHEMATIC DIAGRAM
NO SCALE



Richard F. Bertz
1/20/2011

WOOD'S AUTO SUPPLY		
907 OAKWOOD AVE. NAPOLEON, OHIO		
DIRECTORY: C:\ND\LEUPP	FILE NAME: WOODSAUTO\FLELEV	REVISED:
DRAWN BY: R.D.S. ~ dba: NEW DIMENSIONS		REVISED:
ELECTRICAL SCHEMATIC-DIAGRAM		SCALE: NONE
& SPECIFICATIONS.		DATE: JAN., 2011
		DRAWING NUMBER: SCHEM/DIA