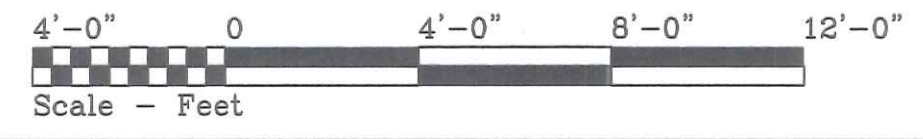


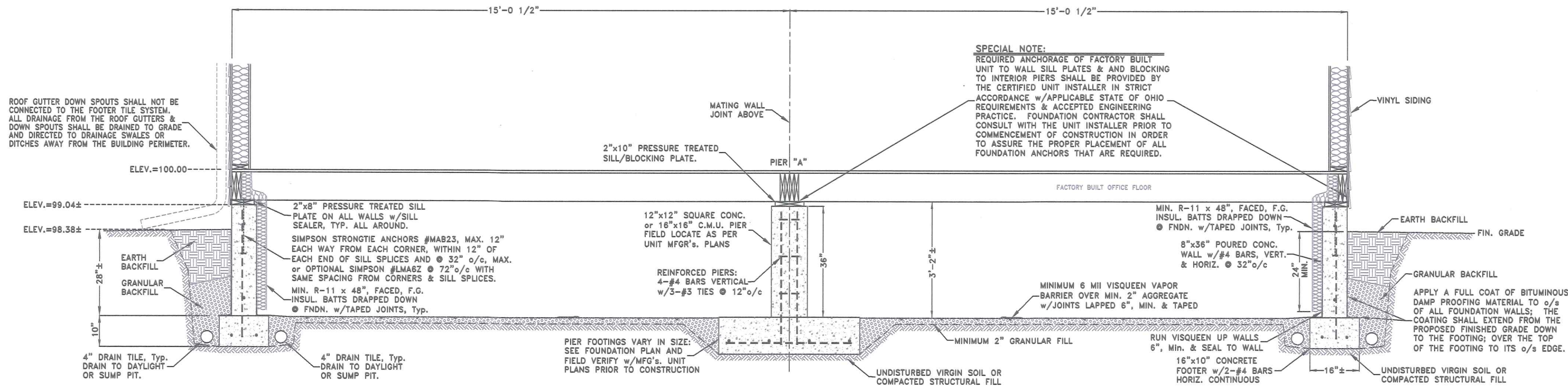
UTILITY & SITE PREPARATION NOTE:
 RE-CONNECT ALL EXISTING UTILITY SERVICE LINES FROM THE EXISTING OFFICE BUILDING TO THE NEW OFFICE WHEN ALL FOUNDATION WORK IS COMPLETED AND THE NEW UNITS HAVE BEEN SET IN PLACE. THE FOUNDATION CONTRACTOR SHALL COORDINATE THIS WORK WITH THE PLUMBING, ELECTRICAL AND HVAC SUB-CONTRACTORS TO ASSURE THAT ADEQUATE UTILITY LINE SIZES & PROPER PLACEMENT OF LINE LOCATIONS WILL BE MAINTAINED.
 ALL UTILITY LINE TRENCHES CROSSING PAVED AREAS, OR WITHIN FIVE (5) FEET OF PAVEMENT EDGES, SHALL BE BACKFILLED w/GRANULAR MATERIAL PLACED IN LAYERS NOT TO EXCEED SIX (6") INCHES IN COMPACTED THICKNESS.
 IN AREAS WHERE BUILDINGS OR PAVEMENTS ARE TO BE CONSTRUCTED ABOVE EXISTING GROUND ELEVATIONS, EMBANKMENT SHALL BE PLACED IN EIGHT (8") INCH (maximum) LAYERS AND MECHANICALLY COMPACTED IN ACCORDANCE w/O.D.O.T. SPECIFICATIONS ITEM 203.12; ONLY AFTER THE REMOVAL OF ALL EXISTING VEGETATION & TOP SOIL TO THE SATISFACTION OF THE OWNER'S ARCHITECT OR ENGINEER.



OHIO UTILITIES PROTECTION SERVICE
 The underground utilities shown hereon are only approximate. Some of the utilities were located by field observation, where possible, and the remaining utilities were derived from various records. Exact locations must be determined by the UTILITY COMPANIES. For exact locations, telephone the Ohio Utilities Protection Service (O.U.P.S.) toll free at 1-800-362-2764. (Telephone 2 working days before any digging.)

GLENWOOD ESTATES M.H.P.	
1575 GLENWOOD AVENUE	419/599-0301
NAPOLEON, OHIO	
DIRECTORY: C:\ND\CUSTOM\GLENWOOD MHP\FILE NAME: OFFICE FNDN	REVISED:
DRAWN BY: R.D.S. ~ dba: NEW DIMENSIONS	DATE: MAY, 2017
OFFICE FOUNDATION PLAN	
DRAWING NUMBER:	
F - 1	

Ex. 4' Conc. walk



TYPICAL CROSS SECTION

GENERAL SPECIFICATIONS:

GENERAL NOTES:

- THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE BASIC CONDITIONS AND CODE REQUIREMENTS OF THE 2011 OHIO BUILDING CODE (LATEST EDITIONS). SINCE LOCAL CODES AND ORDINANCES MAY VARY, THIS PLAN IS NOT WARRANTED TO COMPLY WITH ANY SPECIFIC CODES OR REGULATIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE OWNER OR HIS AGENT TO CONSULT WITH THE LOCAL BUILDING OFFICIAL HAVING JURISDICTION TO DETERMINE THE SUFFICIENCY OF THESE PLANS FOR THE SPECIFIC SITE AND USE. ADDITIONALLY, IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ASSURE STRICT COMPLIANCE WITH ALL APPLICABLE CODE REQUIREMENTS AND ORDINANCES. WHERE THE PROVISIONS OF THE BUILDING CODE(S) AND THESE PLANS CONFLICT THE MOST RESTRICTIVE REQUIREMENTS SHALL APPLY.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE ASSUMED TO HAVE VISITED THE PROPOSED BUILDING SITE SO AS TO BECOME FAMILIAR WITH ANY SITE-SPECIFIC JOB REQUIREMENTS. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS RELATING TO THE WORK PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL REPORT ANY DISCREPANCIES TO THE OWNER OR THE OWNERS' ARCHITECT OR ENGINEER PRIOR TO PROCEEDING.
- CAULK OR OTHERWISE SEAL ALL JOINTS AND UTILITY LINE ENTRANCES SUBJECT TO AIR INFILTRATION.

BUILDING DATA:

USE GROUP : "B" BUSINESS (INDUSTRIALIZED UNIT)
CONSTRUCTION TYPE : 5-B, WOOD FRAME

MINIMUM DESIGN LOADS & DEFLECTION LIMITS:

- LOADS: FLOOR: 50 psf. LIVE + DEAD LOAD - ALL ROOMS EXCEPTS AS NOTED BELOW
100 psf. LIVE + DEAD LOAD - CORRIDORS
20 psf. LIVE + DEAD LOAD - ATTICS WITH STORAGE
10 psf. LIVE + DEAD LOAD - ATTICS WITHOUT STORAGE
ROOF: 20 psf. LIVE LOAD + DEAD LOAD
20 psf. MIN. GROUND SNOW LOAD
WIND: 76 mph basic wind speed, 90 mph 3 second gust wind velocity, EXPOSURE "C"
SOIL BEARING CAPACITY: 1,500 p.s.f. (Class 5 Soils)

SITE WORK NOTES:

- CONTRACTOR SHALL EXCAVATE ALL MATERIAL REQUIRED TO PLACE THE BUILDING FOOTINGS AND FOUNDATIONS IN ACCORDANCE WITH THE PLAN AND SHALL NOTIFY THE OWNER AND ENGINEER IMMEDIATELY IF INADEQUATE SOIL BEARING CONDITIONS ARE FOUND. ALL FOUNDATIONS SHALL BEAR ON UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL AT A MINIMUM OF 36" BELOW FINAL FINISHED GRADE.
- IF STRUCTURAL FILL IS REQUIRED BY PLAN, OR BECAUSE OF UNSUITABLE CONDITIONS FOUND UPON EXCAVATION, IT SHALL BE GRANULAR FILL, AS APPROVED BY THE OWNER'S ENGINEER, PLACED IN LIFTS OF 8" MAXIMUM UNCOMPACTED DEPTH AND MECHANICALLY COMPACTED TO A MINIMUM OF 95% COMPACTION AS MEASURED BY THE STANDARD MODIFIED PROCTOR TEST ASTM D-1557.
- UPON COMPLETION OF THE REQUIRED FOUNDATION FOOTINGS & WALLS; AND AFTER THE FIRST FLOOR FRAMING & SUBFLOOR IS COMPLETED OR ANY FACTORY BUILT UNITS ARE FULLY SET AND ANCHORED; THE CONTRACTOR SHALL BACKFILL ALL AREAS OUTSIDE THE AREA OF THE BUILDING. BACKFILL IN AREAS TO BE OCCUPIED BY PAVEMENTS SHALL BE EXTENDED UP TO THE ELEVATION OF THE BOTTOM OF THE PROPOSED GRANULAR BASE REQUIRED FOR THE CONCRETE SLABS OR OTHER PAVEMENTS IN THE SAME MANNER REQUIRED FOR STRUCTURAL FILL (SEE NOTE #2). OTHER BACKFILL OUTSIDE THE BUILDING AREA MAY BE GRANULAR OR CLEAN NATIVE MATERIAL, WELL COMPACTED AND EXTENDED TO AN ELEVATION 6" BELOW THE FINAL FINISHED GRADE.
- UPON COMPLETION OF THE BUILDING CONSTRUCTION THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS, STONES AND LUMPS, ETC. OFF-SITE. SHALL LEVEL THE SUB GRADE AND SHALL PLACE & FINISH-GRADE THE TOP SOIL AS REQUIRED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AND TO ALLOW THE OWNER TO SEED AND LANDSCAPE AT HIS DISCRETION.

CONCRETE, MASONRY AND FOUNDATION NOTES:

- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE. ALL NEW CONCRETE SHALL CONSIST OF A MINIMUM 8 BAG MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. AT 28 DAYS.
- FOUNDATION WALLS SHALL BE A MINIMUM OF 8" POURED CONCRETE - OR - GRADE N, TYPE 1, HOLLOW CORE LOAD BEARING CONCRETE MASONRY UNITS (C.M.U.) LAID IN TYPE "M" MORTAR. ALL C.M.U. CORES CONTAINING VERTICAL REINFORCEMENT OR ANCHORS SHALL BE FULLY GROUTED. POURED CONCRETE WALLS SHALL BE REINFORCED W/A MIN. OF #4 RE-BAR @ 32" O/C, VERTICALLY & HORIZONTALLY.
- MIN. FOUNDATION DEPTH SHALL BE 36" BELOW FINISHED GRADE, VERIFY & COMPLY WITH LOCAL FROST DEPTH REQUIREMENTS. FOUNDATION WALLS SHALL NOT BE COMPLETELY BACK FILLED UNTIL THE FIRST FLOOR FRAMING AND SUBFLOOR IS COMPLETED OR ANY FACTORY BUILT UNITS ARE FULLY SET AND ANCHORED.
- ALL EXTERIOR CONCRETE FLATWORK SHALL BE AIR ENTRAINED (MINIMUM 6% ±2%) CONCRETE. ALL CONCRETE SHALL BE ALLOWED TO CURE A MINIMUM OF 14 DAYS PRIOR TO LOADING.
- ALL GRANULAR BASE PLACED UNDER CONCRETE FLATWORK SHALL BE PLACED AS PER THE REQUIREMENTS OF STRUCTURAL FILL (SEE NOTE #2 - SITE WORK NOTES).
- INTERIOR FLOOR SLABS SHALL BEAR ON A MINIMUM OF 4" OF COMPACTED GRANULAR FILL AND SHALL BE PROVIDED WITH EXPANSION AND CONTROL JOINTS AS REQUIRED OR NOTED. PROVIDE A MIN. VAPOR BARRIER UNDER ALL INTERIOR POURED CONCRETE SLABS CONSISTING OF 6 MIL POLYETHYLENE MATERIAL, VISQUEEN OR EQUAL. SLABS SHALL BE PLACED LEVEL, EXCEPT WHERE FLOOR DRAINS ARE PLACED, AND SHALL BE FINISHED WITH A SMOOTH TROWEL OR LIGHT BROOMED FINISH, PER OWNER'S CHOICE. ALL CONTROL JOINTS SHALL BE SEALED WITH AN APPROVED ELASTOMERIC JOINT SEALER AND THE SURFACE SHALL RECEIVE ONE COAT OF A CONCRETE FLOOR SEALER/CURING COMPOUND AS APPROVED BY THE ENGINEER.
- ALL SIDEWALK AND ENTRANCE SLABS SHALL BE FLOATED AND PROVIDED WITH A LIGHT BROOM FINISH. PROVIDE SAWN CONTROL JOINTS AT A MAXIMUM OF 5' ON CENTER FOR SIDEWALKS AND AT A MAXIMUM OF 15' ON CENTER FOR SLABS OR AS NOTED ON THE CONSTRUCTION PLANS, PROVIDE A MINIMUM 1/2" EXPANSION JOINT AT THE JUNCTION OF SLAB AND BUILDING OR FOUNDATION WALL. ALL CONTROL JOINTS SHALL BE SAWN TO A DEPTH OF 1/4 OF THE SLAB THICKNESS. ALL SIDEWALKS AND SLABS SHALL RECEIVE ONE COAT OF AN APPROVED SEALER/CURING COMPOUND.

STEEL REINFORCEMENT AND ANCHOR BOLT NOTES:

- ALL STRUCTURAL STEEL BEAMS AND PLATES SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATION A-36.
- ANCHOR RODS SHALL BE 1/2" # SPACED 12", EACH WAY, FROM EACH CORNER AND AT A MAXIMUM OF 6" O/C - OR - "SIMPSON STRONGTIE #MAB23" SPACED AS NOTED.
- ALL ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATION F1554, GRADE 55, MIN. ANCHOR ROD PROJECTION SHALL BE 2.5". MINIMUM ANCHOR ROD EMBEDMENT SHALL BE 15" IN CONCRETE MASONRY UNITS & 9" IN POURED CONCRETE.
- ALL REINFORCING STEEL FOR CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF ASTM SPECIFICATION A-615, A616 OR A-617, GRADE 60.

INDUSTRIALIZED UNIT UNIT ANCHORING NOTES:

- UNLESS OTHERWISE NOTED ON THE PLANS, ALL CONNECTIONS BETWEEN THE FACTORY BUILT UNIT AND THE SITE CONSTRUCTED FOUNDATION SHALL BE MADE IN ACCORDANCE WITH THE INSTALLATION INSTRUCTION MANUAL SUPPLIED BY THE UNIT MANUFACTURER, STATE OF OHIO REQUIREMENTS & ACCEPTED ENGINEERING PRACTICE. WHERE THESE FASTENING REQUIREMENTS CONFLICT, THE MOST RESTRICTIVE FASTENING REQUIREMENTS SHALL APPLY.

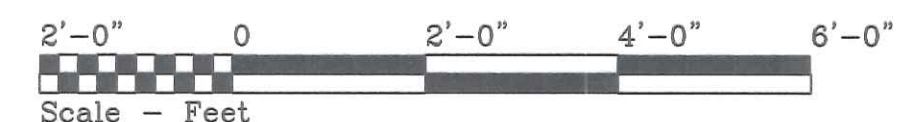
ROOF DOWN SPOUT DRAINAGE NOTES:

- ROOF GUTTER DOWN SPOUTS SHALL NOT BE CONNECTED TO THE FOOTER TILE SYSTEM. ALL DRAINAGE FROM THE ROOF GUTTERS & DOWN SPOUTS SHALL BE DRAINED TO GRADE AND DIRECTED TO DRAINAGE SWALES OR DITCHES AWAY FROM THE BUILDING PERIMETER.

MARK	# REQ'D.	PIER/WALL SIZE	TOP/ELEVATION	FOOTER SIZE	DEPTH(1)	ANCHOR RODS	FOOTING REINFORCEMENT	REMARKS:
WALL	207'-4"	8" CONC. (5)	99.04	16" x 10"	3'-0"	(4) SIMPSON STRONG TIE MAB23	2-#4 BARS, CONTINUOUS	WALL DAMP PROOFING TO BE APPLIED BELOW GRADE PER TYP. WALL SECTION
PIER A (6)	6	12" x 12" or 12" DIA.	99.04	3'10"x3'10"x12"	3'-0"	AS PER MFRG. REQUIREMENTS	4-#5 BARS @ 13" o/c, EACH WAY	MATING WALL PIERS; VERIFY EXACT LOCATIONS w/MFG'RS. REQUIREMENTS
PIER B (1)	1	12" x 12" or 12" DIA.	99.04	3'0"x3'0"x10"	3'-0"	AS PER MFRG. REQUIREMENTS	3-#5 BARS @ 14" o/c, EACH WAY	MATING WALL PIERS; VERIFY EXACT LOCATIONS w/MFG'RS. REQUIREMENTS
PIER C (1)	1	12" x 8"	99.04	2'0"x10"x10"	3'-0"	AS PER MFRG. REQUIREMENTS	3-#4 BARS @ 9" o/c, EACH WAY	MATING WALL PIERS; VERIFY EXACT LOCATIONS w/MFG'RS. REQUIREMENTS

FOUNDATION WALL & PIER SCHEDULE NOTES:

- DEPTH IS DIMENSION FROM TOP OF CONC. OR C.M.U. WALL OR PIER TO TOP OF CONC. FOOTING.
- WIDEN ADJACENT WALL FOOTING AS SHOWN; POUR PIER INTEGRAL w/ADJACENT 8" WALL.
- ALL FOOTING & PIER/WALL REBAR SHALL BE AS PER TYPICAL DETAILS THIS PLAN.
- CONCRETE WALL ANCHORS SHALL BE SIMPSON STRONG TIE, AS NOTED, OR EQUAL; SPACED PER THIS PLAN IN LIEU OF 1/2"x18" ANCHOR RODS AS NOTED IN THE GENERAL SPECIFICATIONS. VERIFY ANCHORS COMPATIBILITY WITH PRESSURE TREATED SILL PLATE TO BE USED.
- PLACE MINIMUM SIZED 32"x36" CRAWL ACCESS OPENINGS IN FOUNDATION WALL WHERE SHOWN ON THE PLAN OR SPECIFIED BY THE OWNER, FIELD VERIFY LOCATIONS PRIOR TO CONSTRUCTION.
- REFER TO CHAMPION, INC. PIER PLAN #FD-101; FOR VERIFICATION OF PIER PLACEMENT.



GLENWOOD ESTATES M.H.P.

1575 GLENWOOD AVENUE 419/599-0301 NAPOLEON, OHIO

DIRECTORY: C:\ND\CUSTOM\GLENWOOD MHP FILE NAME: OFFICE FNDN REVISIONS:

DRAWN BY: R.D.S. ~ dba: NEW DIMENSIONS DATE: MAY, 2017

TYP. FNDN. SECTION, WALL AND PIER SCHEDULE & GENERAL SPEC'S. SCALE: 1" = 2'-0"

DRAWING NUMBER: F - 2

PLACE NEW COMPOSITE DECKING SPACED TO DETER WATER ACCUMULATION

2"x6" P.T. WOOD JOISTS @ 13.75" o/c or 2"x8" JOISTS @ 18.33" o/c

BEAR DECK POST ON WALL FOOTINGS WHERE POSSIBLE

REQUIRED SINGLE EXIT

2-2"x6" P.T. HEADERS

2-2"x8" P.T. HEADERS

2-2"x8" P.T. HEADERS

2-2"x8" P.T. HEADERS

2"x8" P.T. HEADER

12" Ø FTG.

16" Ø FTG.

4"x4" P.T. POST TYP., ON CONCRETE FOOTING BELOW FROST

LANDING @ FLOOR LEVEL

PLACE NEW COMPOSITE DECKING SPACED TO DETER WATER ACCUMULATION

7'-4"

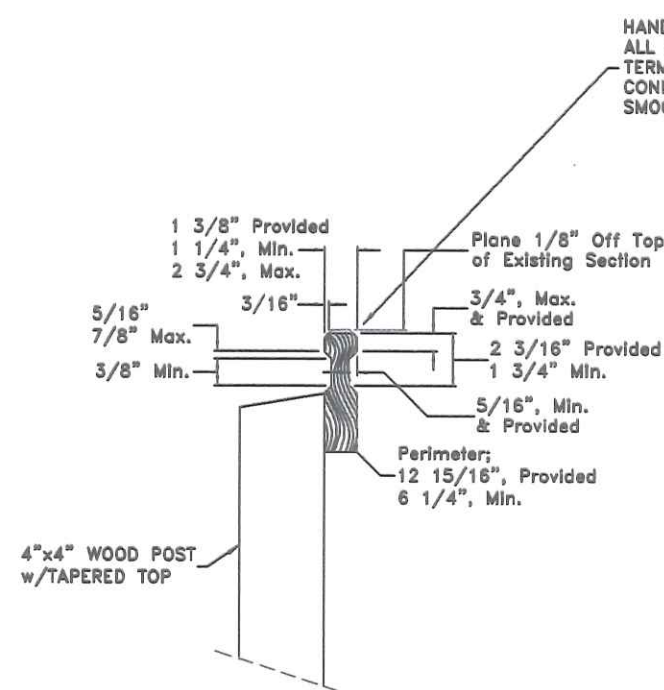
7'-4"

7'-4"

5'-0"

22'-0", MIN.
MAX. 1" PER FOOT SLOPE
ADJUST LENGTH AS REQ'D.

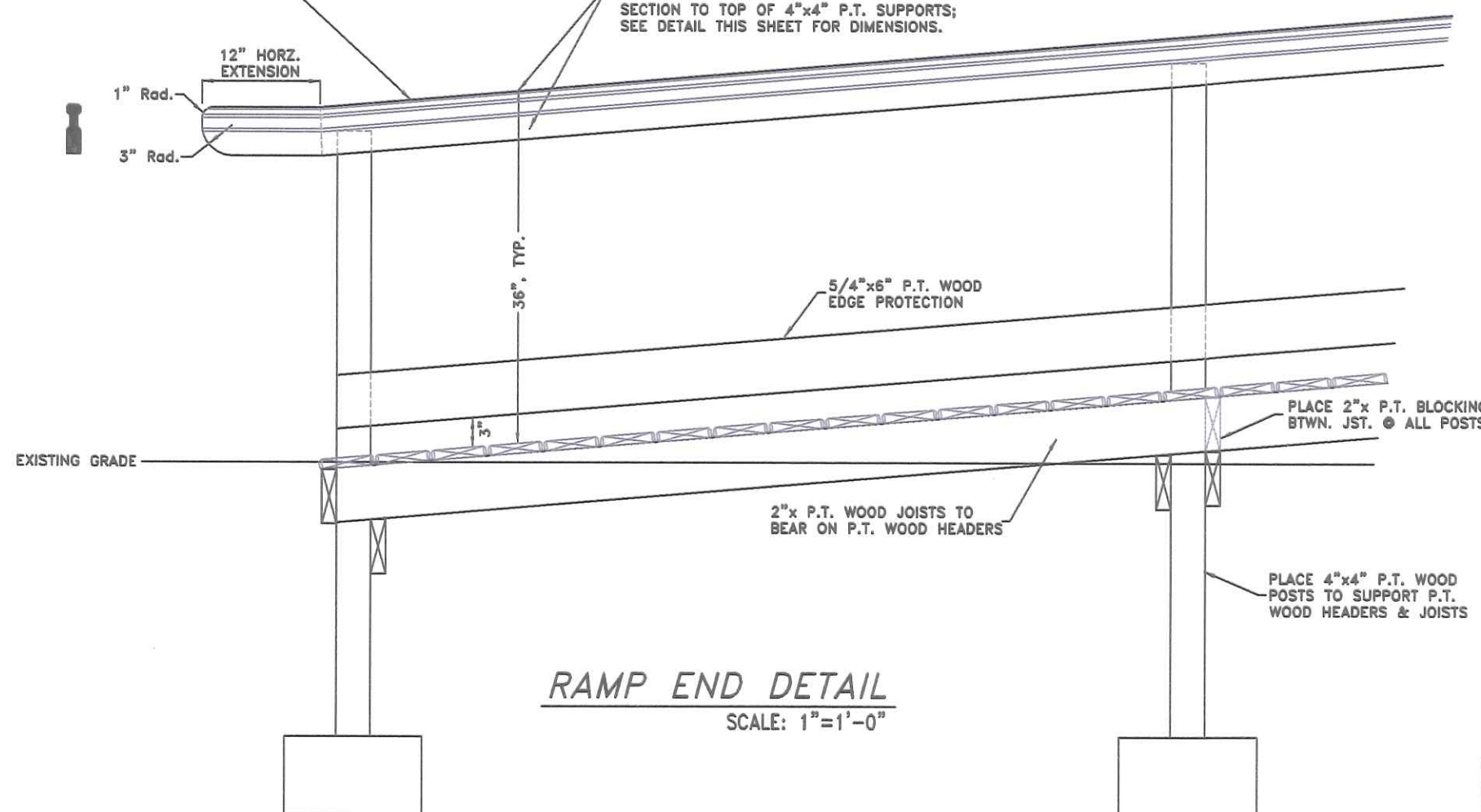
RAMP PLAN VIEW
SCALE: 3/8"=1'-0"



TYPE II HAND RAIL DETAIL
SCALE: 2"=1'-0"

HAND RAILS SHALL BE CONSTANT ALONG ALL RAMPS & LANDINGS, OR BE PROPERLY TERMINATED AS SHOWN. COUNTERSINK ALL CONNECTORS AND FINISH TO PROVIDE A SMOOTH AND SAFE GRASPING SURFACE.

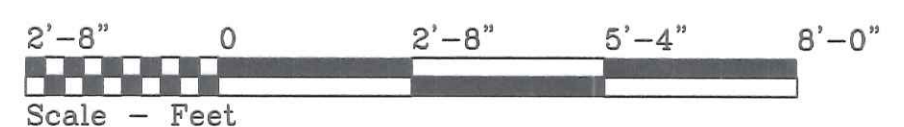
PLACE TYPE II HAND RAIL: USE 1-3/8"x6" P.T. WOOD RAILING #... AS SUPPLIED BY MENARDS, OR EQUAL, PLANE 1/8" OFF TOP AND GLUE & SCREW WOOD HAND RAIL SECTION TO TOP OF 4"x4" P.T. SUPPORTS; SEE DETAIL THIS SHEET FOR DIMENSIONS.



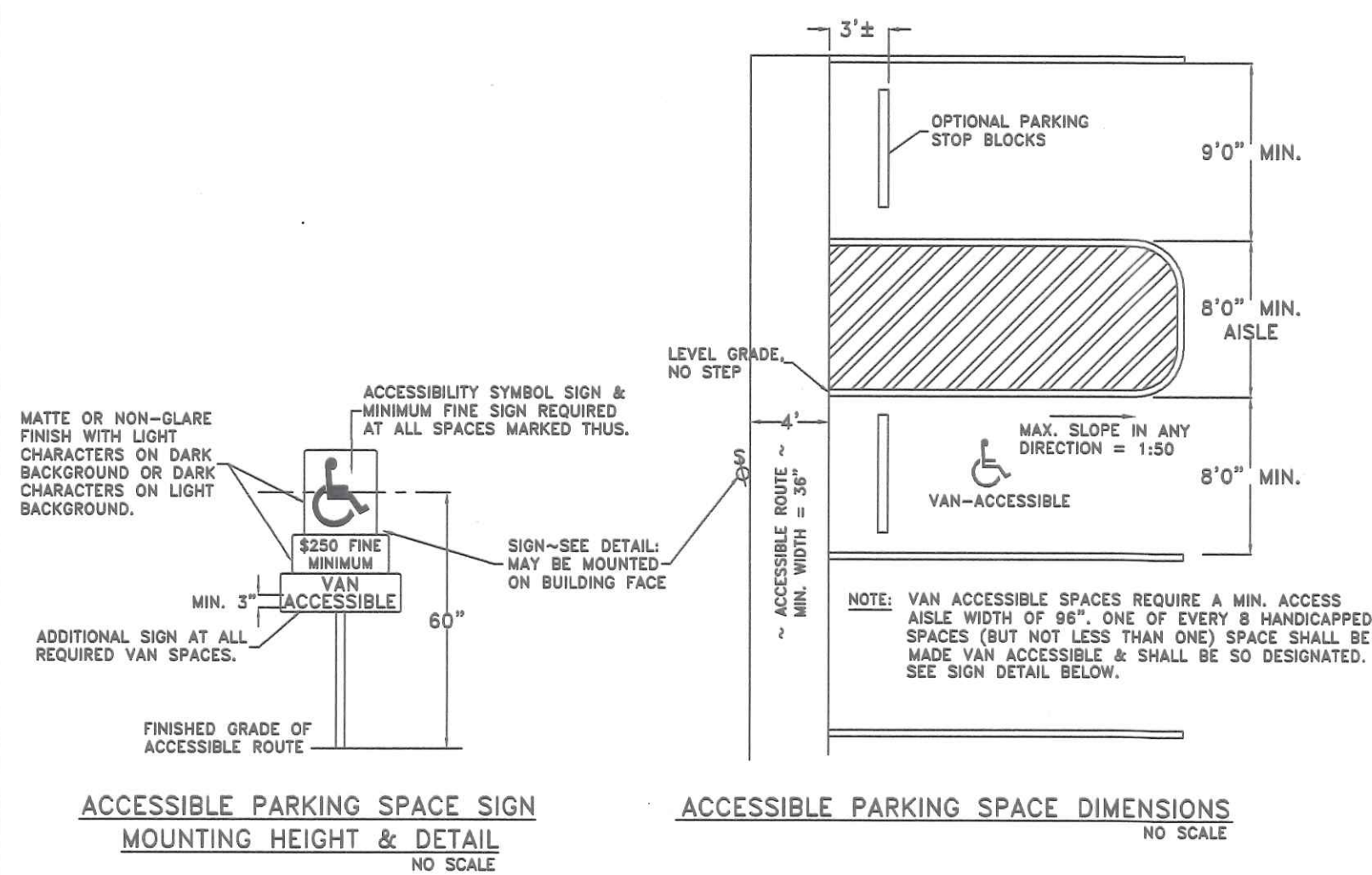
RAMP END DETAIL
SCALE: 1"=1'-0"



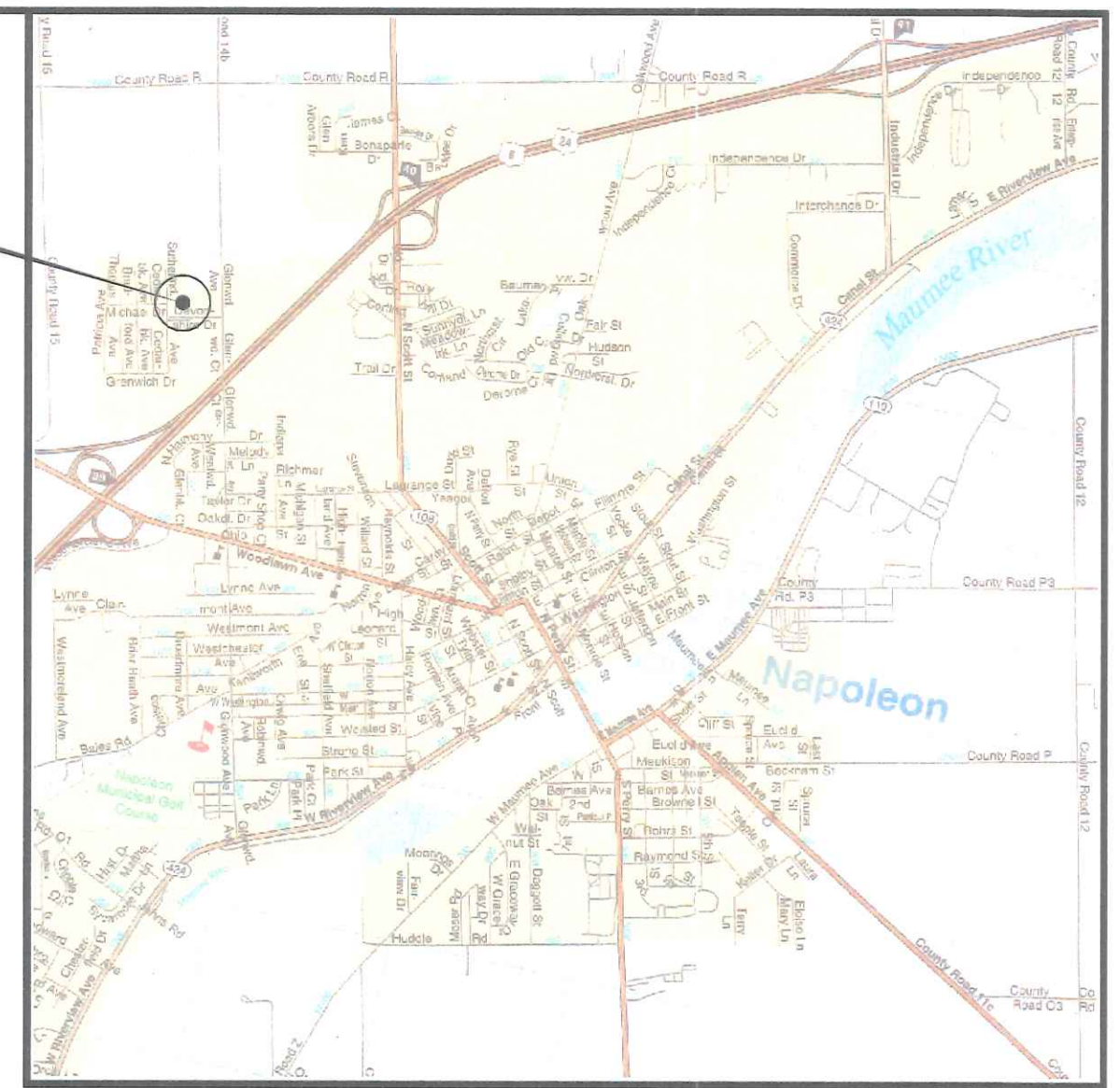
OHIO UTILITIES PROTECTION SERVICE
The underground utilities shown hereon are only approximate. Some of the utilities were located by field observation, where possible, and the remaining utilities were derived from various records. Exact locations must be determined by the UTILITY COMPANIES. For exact locations, telephone the Ohio Utilities Protection Service (O.U.P.S.) toll free at 1-800-362-2764. (Telephone 2 working days before any digging.)



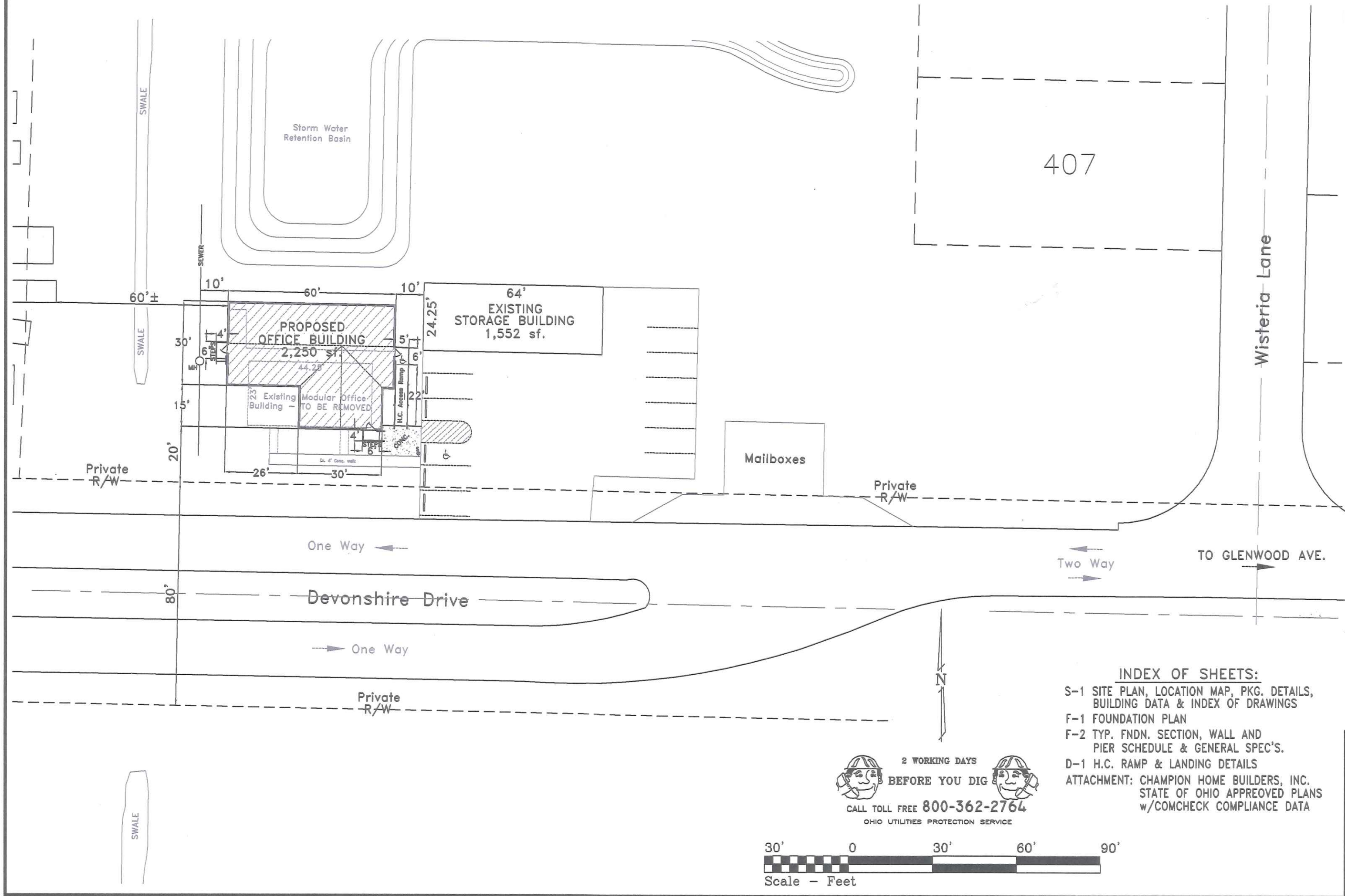
GLENWOOD ESTATES M.H.P.		
1575 GLENWOOD AVENUE	419/599-0301	NAPOLEON, OHIO
DIRECTORY: C:\ND\CUSTOM\GLENWOOD MHP	FILE NAME: OFFICE FNDN	REVISED:
DRAWN BY: R.D.S. ~ dba: NEW DIMENSIONS		DATE: MAY, 2017
H.C. RAMP PLAN & DETAILS		SCALE: 1" = 2'-8"
		DRAWING NUMBER:
X		D - 1



PROJECT LOCATION



LOCATION PLAN



BUILDING DATA: (1)

USE GROUP: "B" BUSINESS (New Bldg.) & "S-1" STORAGE (Adjacent existing building)
MIXED USE, NON-SEPERATED - DUE TO 10' DISTANCE BETWEEN

CONSTRUCTION TYPE: 5-B

AREA: ALLOWABLE; 9,000 SQ. FT. (Table 503, 5-B Const., S-1 Use)
EXISTING AREA; 1,552 SQ. FT. - (NO CHANGE) - Existing adjacent building
PROPOSED AREA; 2,250 SQ. FT. - PROPOSED INDUSTRIALIZED UNIT OFFICE BUILDING
TOTAL AREA; 3,802 SQ. FT. - COMBINED AREA

HEIGHT: ALLOWABLE; 40' - 1 STORY (Table 503, 5-B Const., S-1 Use)
EXISTING; 15'± - 1 STORY (NO CHANGE)

MAXIMUM OCCUPANCY LOAD: 3 PERSONS - Existing building (Per table 1004.1.1)
20 PERSONS - PROPOSED OFFICE (Per table 1004.1.1)
23 PERSONS - PROPOSED TOTAL

MAXIMUM EXIT ACCESS TRAVEL DISTANCE: 200' ALLOWABLE
MAXIMUM FOR EXISTING USE "S-1": 90'± (EXISTING - NO CHANGE)
MAXIMUM FOR USE "B" w/ONE EXIT: 75' ALLOWABLE
72'± PROPOSED

SOIL BEARING CAPACITY: 1,500 p.s.f. (Class 4 Soils)

DESIGN LOADS: FLOOR; MIN. 50 psf. LIVE (OFFICES) plus DEAD LOAD
MIN. 100 psf. LIVE (CORRIDOR) plus DEAD LOAD
FOUNDATION DESIGN BASED ON THESE LOADS
ROOF; 20 psf. Min., LIVE LOAD plus DEAD LOAD
20 psf. GROUND SNOW LOAD, Pg
SNOW EXPOSURE FACTOR, Ce = 0.9
SNOW LOAD IMPORTANCE FACTOR, Is = 1.0
THERMAL FACTOR, Ct = 1.0

WIND; EXPOSURE "C", 76 mph basic wind speed,
90 mph 3 second gust wind velocity.
WIND IMPORTANCE FACTOR, Iw = 1.00
BUILDING CATEGORY = II

SEISMIC DATA: SITE CLASS = D
USE GROUP = I
OCCUPANCY IMPORTANCE FACTOR = 1.00

(1) REFERENCE INDUSTRIALIZED UNIT PLANS FOR ADDITIONAL DATA UTILIZED IN ITS DESIGN AND APPROVAL PROCESS.

INDEX OF SHEETS:

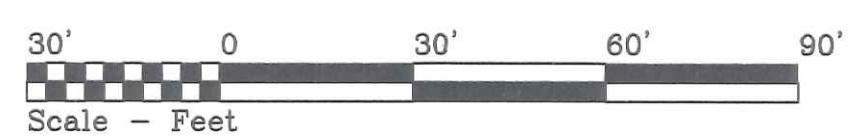
S-1 SITE PLAN, LOCATION MAP, PKG. DETAILS, BUILDING DATA & INDEX OF DRAWINGS

F-1 FOUNDATION PLAN

F-2 TYP. FNDN. SECTION, WALL AND PIER SCHEDULE & GENERAL SPEC'S.

D-1 H.C. RAMP & LANDING DETAILS

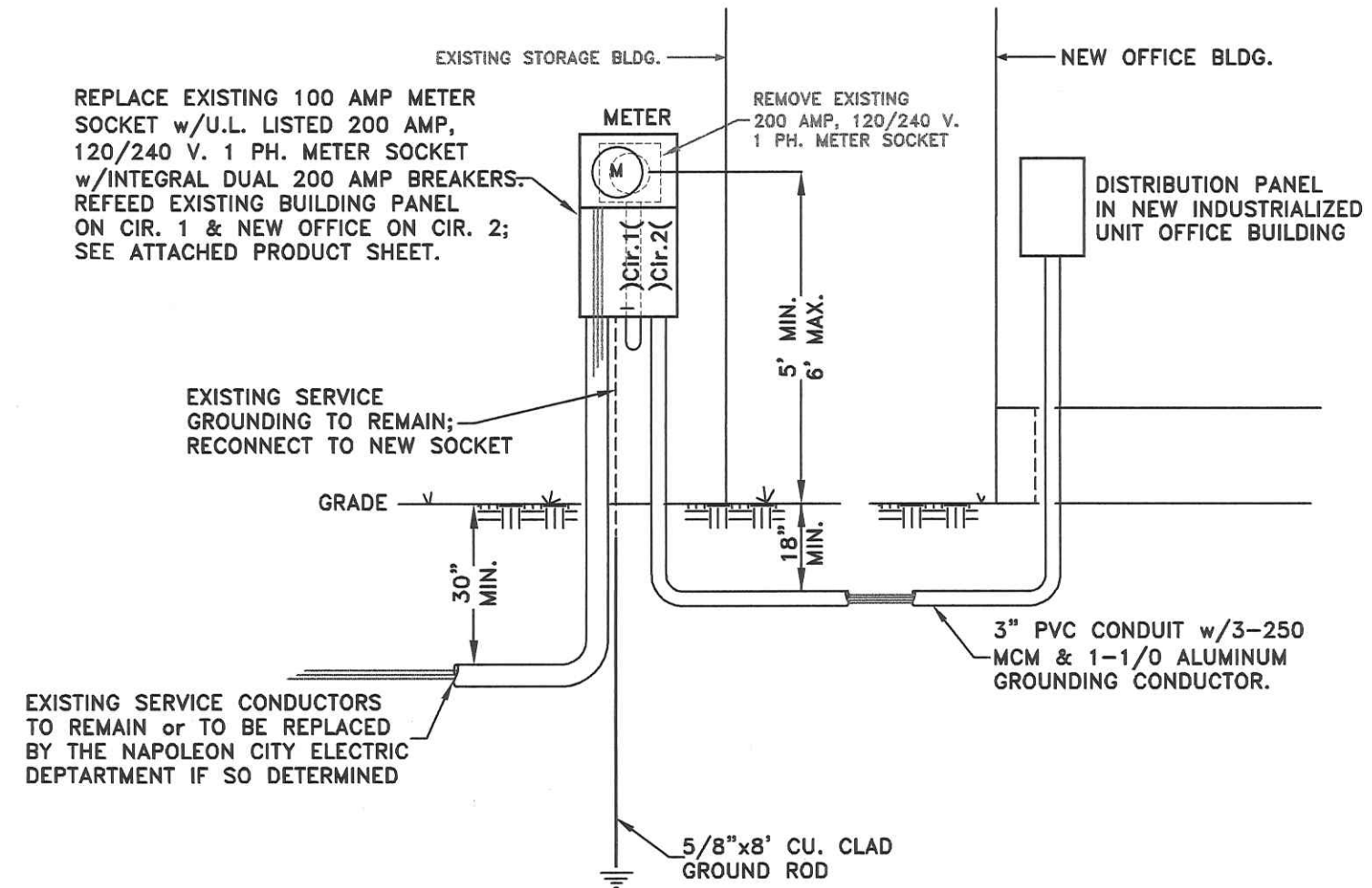
ATTACHMENT: CHAMPION HOME BUILDERS, INC. STATE OF OHIO APPROVED PLANS w/COMCHECK COMPLIANCE DATA



GLENWOOD ESTATES MFG'D. HOME COMMUNITY		
DEVONSHIRE DR.	419.599.0301	NAPOLEON, OHIO 43545
DIRECTORY: C:\ND\GLENWOOD MHP	FILE NAME: SITE PLAN	REVISED:
DRAWN BY: R.D.S. ~ dba: NEW DIMENSIONS		REVISED:
SITE PLAN, LOCATION MAP, PKG. DETAILS,		SCALE: 1"=30'
BUILDING DATA & INDEX OF DRAWINGS		DATE: MAY, 2017
		DRAWING NUMBER: S-1

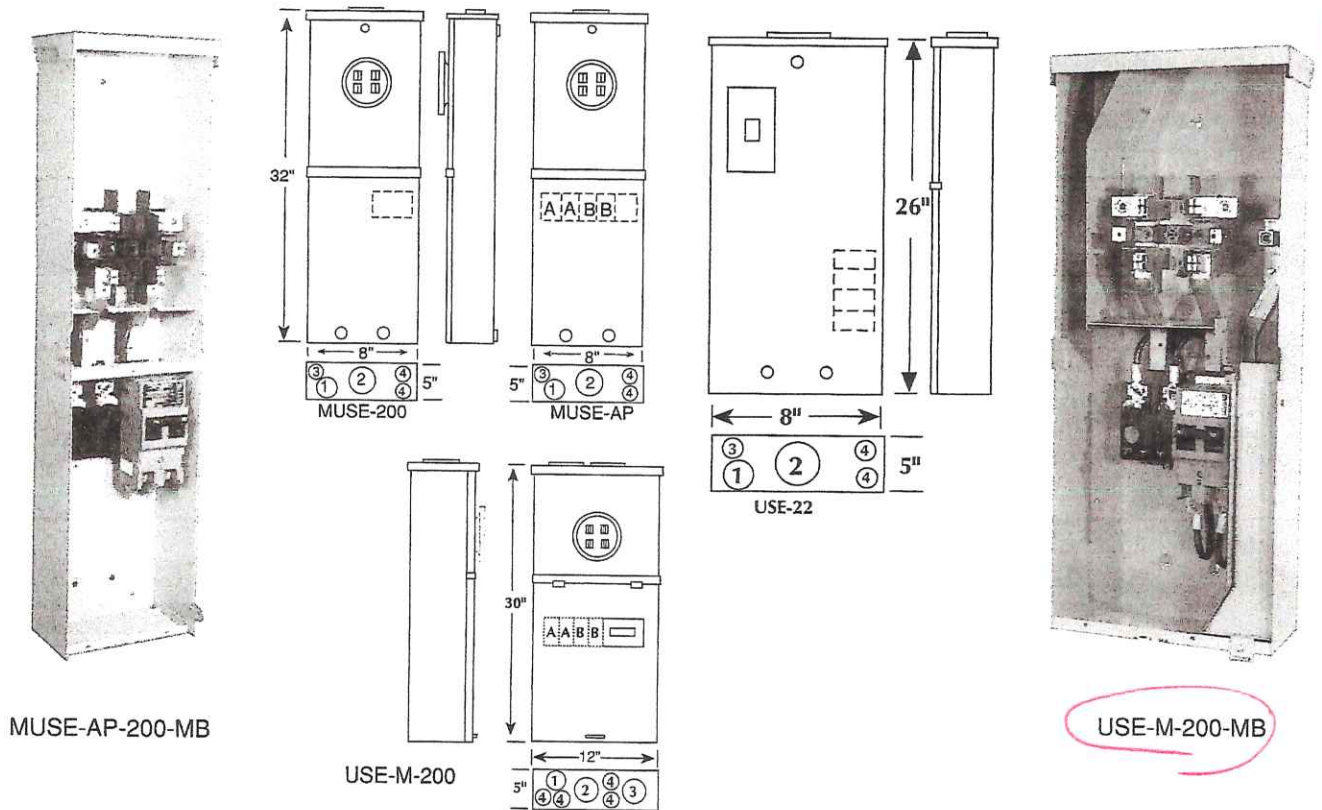
ELECTRICAL NOTES:

- 1) ALL WORK & MATERIAL SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE OHIO BUILDING CODE AND THE 2014 NATIONAL ELECTRICAL CODE, MOST RECENT EDITION.
- 2) ALUMINUM ELECTRICAL JOINT COMPOUND SHALL BE APPLIED TO ALL ALUMINUM CONDUCTORS BEFORE INSTALLATION IN METER SOCKET TERMINALS, REF: N.E.C. 110.14.
- 3) ALL SERVICE ENTRANCE EQUIPMENT SHALL BE U.L. LISTED WITH A MAIN FUSED DISCONNECT OR MAIN CIRCUIT BREAKER.
- 4) POWER COMPANY SHALL PROVIDE & INSTALL NEW MAIN SERVICE CONDUCTORS IF REQUIRED.
- 5) LINE CONDUIT SHALL BE EITHER GALVANIZED RIGID STEEL OR RIGID NONMETALLIC (PVC, SCHEDULE 80 OR BETTER) LISTED FOR THE PROPOSED USE. EMT AND IMC SHALL NOT BE USED FOR LINE CONDUIT.



ELECTRICAL RISER DIAGRAM

NO SCALE



MUSE-AP-200-MB

USE-M-200

USE-M-200-MB

200 AMP—4 TERMINAL*—METERED—RING TYPE—1Ø3W—10,000 AIC RATING

SERVICE	CATALOG NUMBER	BREAKER NUMBER	ADDITIONAL CIRCUITS	HUB	CONNECTORS	DIMENSIONS			CONCENTRIC K.O.'S			
					LINE	D"	W"	H"	1	2	3	4
OH	MUSE-AP-200-MB	UQFP-M-200	4-branch	H.O.	#4-250 kcmil	5	8	32	1 1/4	2 1/2	1/2, 3/4	1/2, 3/4

- ***FIFTH TERMINAL:** For field installed 5th terminal order catalog number — "105J".
- **HUBS:** Overhead enclosures accept up to 2 1/2" hubs. Order hub separately.
- **SEALING RINGS:** Units supplied with MR-2, snap style, sealing rings.
- **NEUTRAL BUS & GROUND BAR:** Factory installed.
- **MUSE-AP-200-MB:** 200 Amp main with provisions for 200 AMP direct wire feeder. 200 AMP breaker wired in series with space for four single pole or one double pole and two single pole plug-in branch breakers. Order hub as extra.
- **BREAKERS:** Units are also available with 150 or 175 AMP breakers. Replace "-200" with "-150" or "-175" for a 150 or 175 AMP breaker. Refer to accessories for ordering information.
- **NOTE:** Quadplex style breakers may be used in accordance with the NEC.

200 AMP—BREAKER ENCLOSURE—1Ø3W—10,000 AIC RATING

SERVICE	CATALOG NUMBER	BREAKERS INSTALLED	ADDITIONAL CIRCUITS	HUB	CONNECTORS	DIMENSIONS			CONCENTRIC K.O.'S			
					LINE	D"	W"	H"	1	2	3	4
OH	USE-22-200-MB	UQFB-M-200	4-Branch	2"	#4-250 kcmil	4	8	23	1	2	1/2, 3/4	1/2, 3/4
OH/UG	USE-M-200-MB	UQFB-M-200	4-Branch	2"	#4-250 kcmil	5	12	30	1 1/4	2 1/2	1/2, 3/4	1/2, 3/4

- **NOTE:** The neutral bus/ground bar is factory installed.
- **USE-22-200-MB:** 200 AMP main with provisions for 200 AMP direct wire feeder. 200 AMP bolt-on breaker wired in series with plug-in style bus. Space for four single pole or two 2-pole plug-in, branch circuit breakers. **One 2" hub included.**
- **USE-M-200-MB:** 200 Amp meter main with 200 Amp direct wire feeder. 200 Amp breaker, UQFP-M-200, wired in series. Additional 4 branch circuits available for (1) two-pole and (2) one-pole, or (4) one pole breakers.
- **BREAKERS:** Units are also available with 150 or 175 AMP breakers. Replace "-200" with "-150" or "-175" for a 150 or 175 AMP breaker. Refer to the accessory section for ordering information.
- **NOTE:** Quadplex style breakers may be used in accordance with the NEC.

MAIN COMBINATION

MILBANK

MAIN COMBINATION—120/240 VAC

