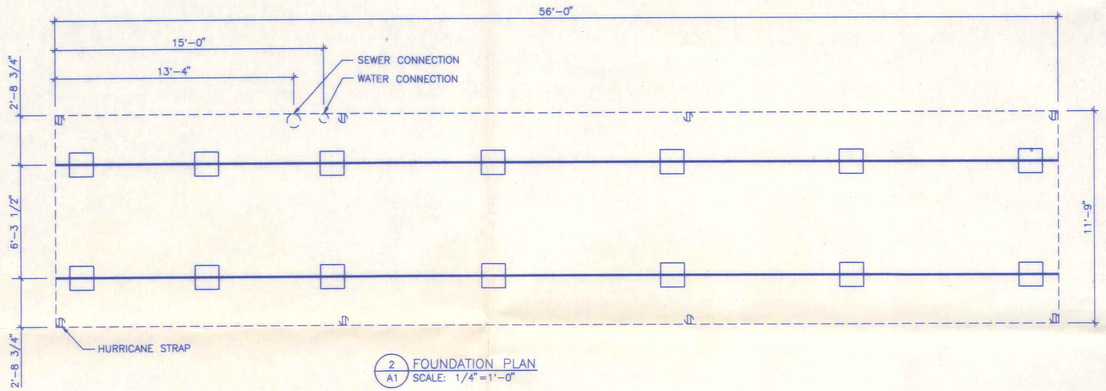
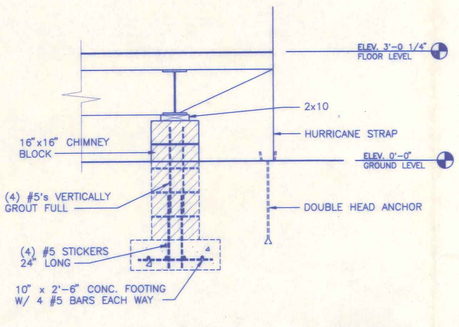
PROJECT
CLINIC
FILE NAME
A1
PLOT SCALE
1"=20'-0"
LAYERS



2 / A1 FOUNDATION PLAN
SCALE: 1/4"=1'-0"



3 / A1 FOUNDATION DETAIL
SCALE: 1/2"=1'-0"

CONCRETE MIX AND STRENGTH

INTERIOR MIX
ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 psi AT 28 DAYS. MIX DESIGN SHALL BE SO PROPORTIONED TO PROVIDE A MINIMUM OF 517 POUNDS OF CEMENT PER CUBIC YARD AND SHALL HAVE A 4" MAXIMUM SLUMP.

EXTERIOR MIX
ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 psi AT 28 DAYS. MIX DESIGN SHALL BE SO PROPORTIONED TO PROVIDE A MINIMUM OF 564 POUNDS OF CEMENT PER CUBIC YARD, AND SHALL HAVE A 4" MAXIMUM SLUMP.

MORTAR
PROPORTIONS
CEMENT–LIME, TYPE "W" MORTAR FOR MASONRY IN CONTACT WITH EARTH SHALL BE PROPORTIONED BY VOLUME: ONE (1) PART PORTLAND CEMENT, ONE–QUARTER (1/4) PART HYDRATED LIME AND BETWEEN TWO AND ONE–QUARTER (2 1/4) AND THREE(3) PARTS SAND BY VOLUME.

GROUT
GROUT FOR MASONRY WALL FILL SHALL CONSIST OF A MIXTURE OF ONE (1) PART PORTLAND CEMENT AND NOT MORE THAN TWO (2) PARTS OF AGGREGATE CONFORMING TO ASTM C–476.

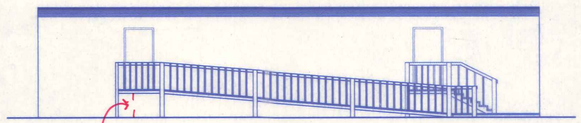
PERIMETER INSULATION

FOUNDATION WALL INSULATION
ALL PRIMETER INSULATION SHALL BE TWO–INCH (2") MINIMUM THICKNESS POLYSTYRENE INSULATION BOARD, "STYROFOAM SE" AS MANUFACTURED BY DOW CHEMICAL COMPANY; "FOAMULAR 400" BY U.C. INDUSTRIES, INC., OR WRITTEN APPROVED EQUAL.

RIGID, EXTRUDED POLYSTYRENE FOAM INSULATION SHALL HAVE HIGH DENSITY (1.8 lb/CU. FT.), SMOOTH EXTRUDED SURFACES AND SQUARE (BUTT) EDGES. BOARDS SHALL BE 2'–0" WIDE x 8'–0" LONG WITH AN AGED R–VALUE OF 5.0 PER INCH WHEN TESTED AT 75 DEGREE MEAN TEMPERATURE IN ACCORDANCE WITH ASTM C–518

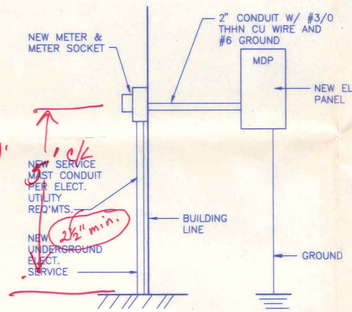
INSULATION SHALL MEET PHYSICAL PROPERTY REQUIREMENTS CONFORMING TO ASTM SPECIFICATION G–578, TYPE IV, AND FEDERAL SPECIFICATION HH–I–524C, TYPE IV.

ADHESIVE
ADHESIVE SHALL BE OF TYPE AS RECOMMENDED BY THE INSULATION MANUFACTURER, "CONTECH BRAND PL300 FOAM BOARD ADHESIVE" BY REXNARD CHEMICAL PRODUCTS, INC., OR APPROVED EQUAL.

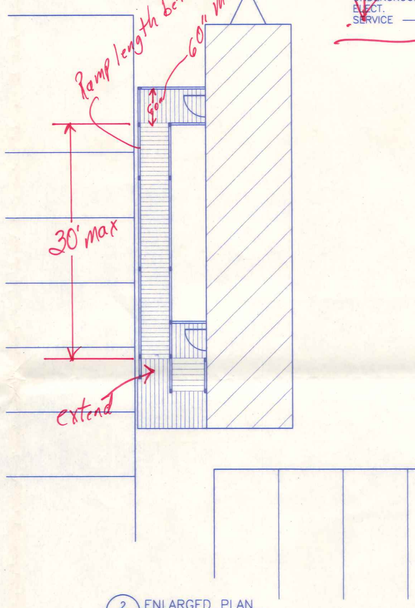


3' rise
30' long min.

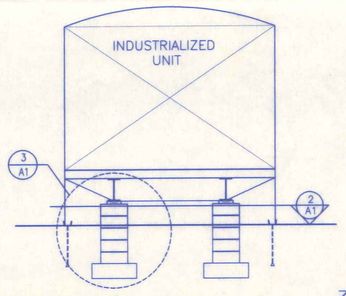
4 / A1 ELEVATION
SCALE: 1/8"=1'-0"



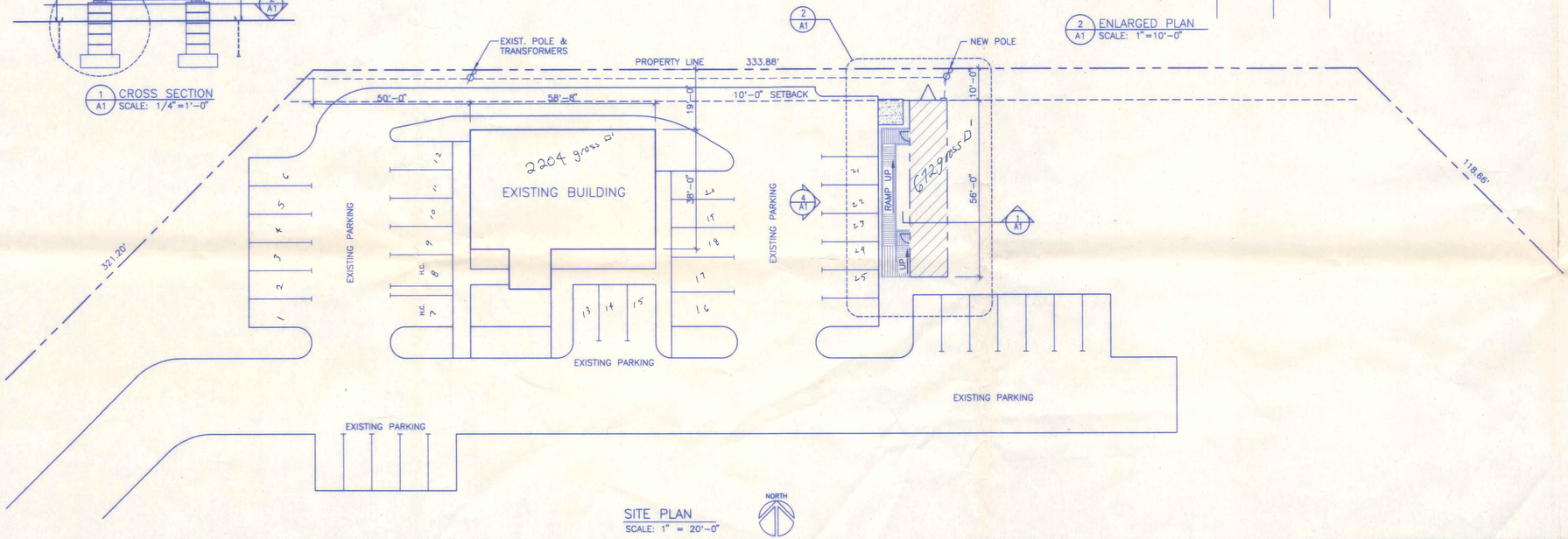
RISER DIAGRAM
SCALE: NONE



2 / A1 ENLARGED PLAN
SCALE: 1"=10'-0"



1 / A1 CROSS SECTION
SCALE: 1/4"=1'-0"



SITE PLAN
SCALE: 1" = 20'-0"

NORTH

INDEX OF DRAWINGS

A–1 SITE PLAN, INDEX OF DRAWINGS, FOOTING DETAIL EXTERIOR ELEVATION, GENERAL NOTES
A–2 –
–
A–3 –
–
A–4 –

CROSS REFERENCE LEGEND

- SECTION NUMBER DESIGNATION / DRAWING NUMBER WHERE SECTION OR DETAIL OCCURS OR IS TAKEN
- SECTION/ELEVATION NUMBER DESIGNATION / DRAWING NUMBER WHERE SECTION/ELEVATION OCCURS OR IS TAKEN
- ROOM DESIGNATION / ROOM NUMBER
- DOOR NUMBER
- WINDOW NUMBER
- GENERAL NOTE DESIGNATION

LOCATION MAP

NORTH

DESIGN CRITERIA

OBBC DESIGN REQUIREMENTS

1. Building Use Group
2. Construction Type
3. Floor Area sf
4. Occupancy Load

STRUCTURAL DESIGN CRITERIA

1. Soil Bearing Capacity psf(assumed)
2. Floor Load
   Live Load Office/Corr. Areas psf
   Live Load Lobby psf
   Dead Load psf
3. Roof Loading
   Live Load * psf
   Top Chord Dead Load psf
   Bottom Chord Dead Load psf
   Total psf
4. Wind Load ** psf
5. Seismic Zone 1
   Importance Factor 1.0

* MINIMUM GROUND SNOW LOAD = 25psf
** BASIC WIND SPEED = 80mph (EXPOSURE CLASSIFICATION – B)

NOTE : THIS FACILITY WILL HAVE FEWER THAN FIFTEEN EMPLOYEES AND IN ACCORDANCE WITH TABLE 4101.2–3B–OR (g) PROVIDES A UNISEX TOILET ROOM

ABBREVIATIONS

ACOUST.	ACOUSTICAL	INSUL.	INSULATION
ADJ.	ADJUSTABLE	INT.	INTERIOR
A.F.F.	ABOVE FINISH FLOOR		
ALT.	ALTERNATE	JAN.	JANITOR
ALUM.	ALUMINUM	JST.	JOIST
APPROX.	APPROXIMATE	JT.	JOINT
ARCH.	ARCHITECT		
		LAM.	LAMINATED
B.I.	BLACK IRON	LAV.	LAVATORY
BD.	BOARD		
BLDG.	BUILDING	M.C.	MECHANICAL CONTRACTOR
BLK.	BLOCK	MM	MILLIMETER
B.N.	BULL NOSE	M.O.	MASONRY OPENING
BRG.	BEARING	MT'L	METAL
C/C	CENTER TO CENTER	N.I.C.	NOT IN CONTRACT
CER.	CERAMIC	N.T.S.	NOT TO SCALE
CHBD.	CHALKBOARD		
C.J.	CONTROL JOINT	O/A	OVERALL
CLG.	CEILING	O/C	ON CENTER
CLR.	CLEAR	OPN'G	OPENING
C.M.U.	CONCRETE MASONRY UNIT		
C.O.	CLEAN OUT	P.C.	PLUMBING CONTRACTOR
COL.	COLUMN	PLAS.	PLASTER
CONC.	CONCRETE	PLY'W'D	PLYWOOD
CONT.	CONTINUOUS	PL., P	PLATE
CONTR.	CONTRACTOR		
C.W.	COLD WATER	Q.T.	QUARRY TILE
DET.	DETAIL	REINF.	REINFORCING
D.F.	DRINKING FOUNTAIN	REQ'D	REQUIRED
DIM.	DIMENSION	RM.	ROOM
D.S.	DOWNSPOUT	R.O.	ROUGH OPENING
EA.	EACH	S.A.T.	SUSPENDED ACOUSTICAL TILE
E.C.	ELECTRICAL CONTRACTOR	SGFT	STRUCTURAL GLAZED FACING TILE
ELEV.	ELEVATION	S.M.	SOLID MASONRY
E.W.	EACH WAY	S.S.	STAINLESS STEEL
E.W.C.	ELECTRIC WATER COOLER	STL.	STEEL
EXIST.	EXISTING	STOR.	STORAGE
EXP.	EXPANSION	SUSP.	SUSPENDED
EXT.	EXTERIOR	S.C.	SOLID CORE
F.D.	FLOOR DRAIN	TKBD	TACK BOARD
F.E., F.X.	FIRE EXTINGUISHER	TOIL.	TOILET
FIN.	FINISH	TEL.	TELEPHONE
FLR., FL.	FLOOR		
FLUOR.	FLUORESCENT	U.H.	UNIT HEATER
FOUND., FND.	FOUNDATION	URN.	URINAL
FT.	FOOT OR FEET	U.V.	UNIT VENTILATOR
FTG.	FOOTING		
		V.B.	VAPOR BARRIER
GALV.	GALVANIZED	V.C.T.	VINYL COMPOSITION TILE
G.C.	GENERAL CONTRACTOR		
GL.	GLASS OR GLAZED	W/	WITH
		W.C.	WATER CLOSET
H.C.	HOLLOW CORE	WD.	WOOD
HGT., HT.	HEIGHT	W.P.	WHITE PINE
H.M.	HOLLOW METAL	W.W.F.	WELDED WIRE FABRIC
H.V.A.C.	HEATING, VENTILATING, AIR COND.		
H.W.	HOT WATER		

1426 Scott St.

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revisions

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NAPOLEON CLINIC
INDUSTRIALIZED UNIT
1426 N. SCOTT ST.
NAPOLEON, OHIO

SITE PLAN

date:

commission: 92–1516

drawn: RC

checked: KAB

sheet
A-1
of