PC HIC ST

SHEET NUMBER **G** 001

PORTAGE - NORTHERN HIGH SCHOOL -CAMPUS STORAGE BARNS

PORTAGE PUBLIC SCHOOLS

Portage, Michigan CONSTRUCTION DOCUMENTS

DESIGN TEAM

ARCHITECT/ENGINEER TowerPinkster

CIVIL CONSULTANT



5725 VENTURE PARK DRIVE, SUITE A KALAMAZOO, MI 49009 PHONE: 269.250.5991

REFERENCED CODES

ENERGY: **PLUMBING: MECHANICAL AUTOMATIC SPRINKLERS: NON SPRINKLED**

PROJECT AREA

STORAGE BARN A 2,048 SQ. FT. STORAGE BARN B 2,048 SQ. FT.

DRAWING INDEX

GENERAL

GB 101 FIRST FLOOR CODE COMPLIANCE PLAN BARN B

C 200 OVERALL SITE PLAN C 202 BARN B SITE PLAN

ARCHITECTURAL - STORAGE BARN A

AA 100 FOUNDATION AND FRAMING PLANS AA 101 FIRST FLOOR PLAN, ROOF FRAMING PLAN AND DOOR SCHEDULE

AA 301 EXTERIOR ELEVATIONS, BUILDING SECTIONS, 3D VIEW AND WALL

ARCHITECTURAL - STORAGE BARN B AB 100 FOUNDATION AND FRAMING PLAN

AB 101 FIRST FLOOR PLAN, ROOF FRAMING PLAN AND DOOR SCHEDULE AB 301 EXTERIOR ELEVATIONS, BUILDING SECTIONS, AND 3D VIEW

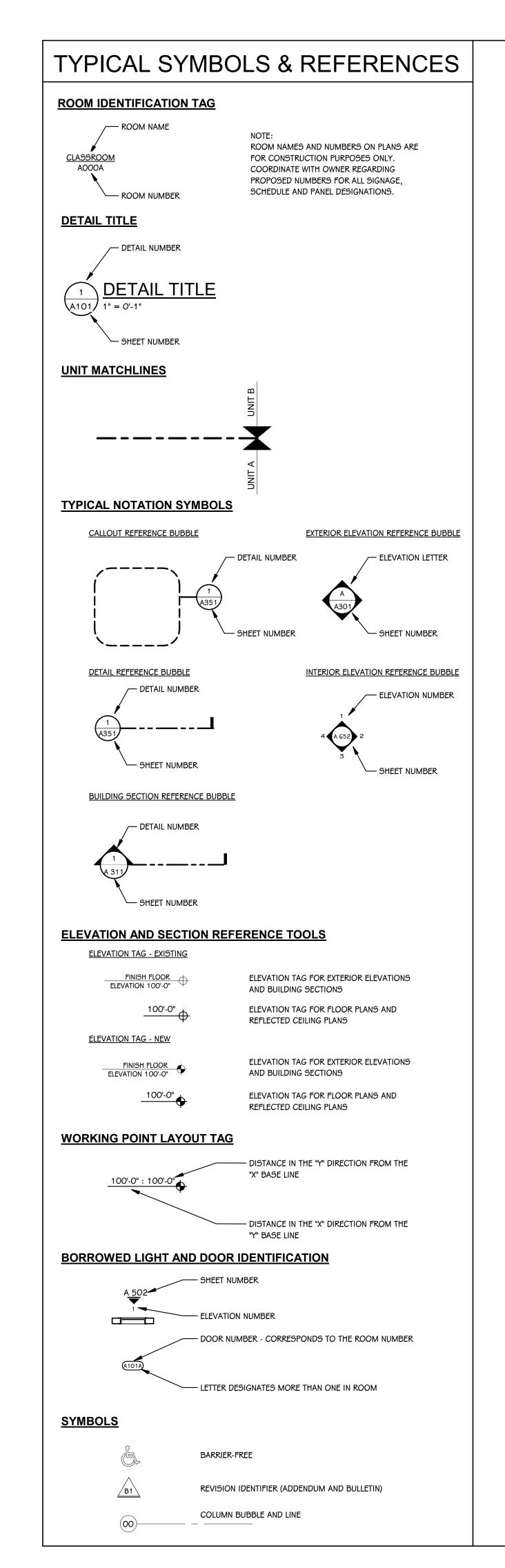
ELECTRICAL

EA 101 STORAGE BARN A ELECTRICAL PLAN EB 101 STORAGE BARN A ELECTRICAL PLAN

SITE ADDRESS

PORTAGE PUBLIC SCHOOLS 1000 IDAHO AVE PORTAGE, MI 49024



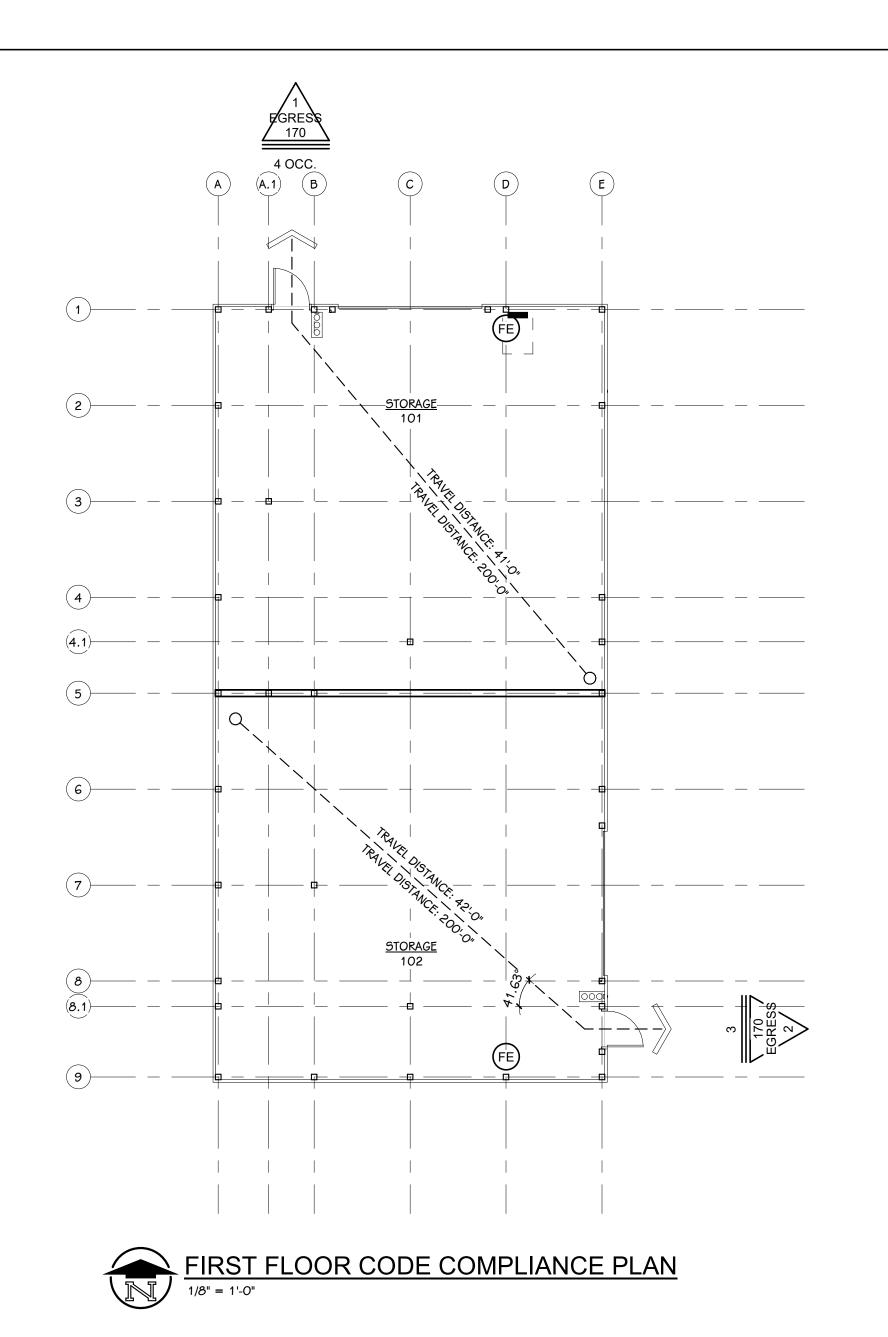


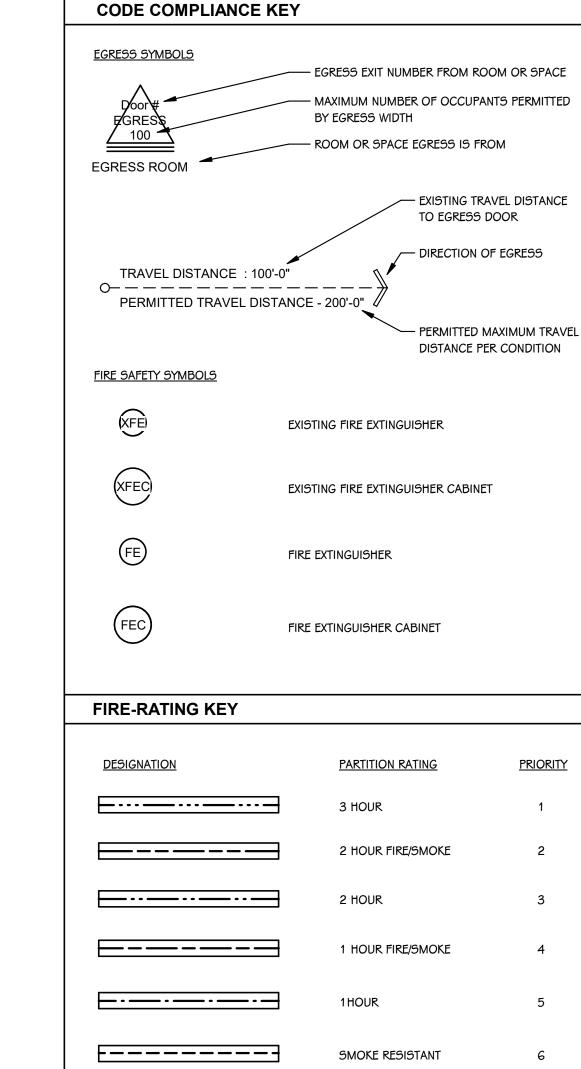
GENERAL DEMOLITION NOTES

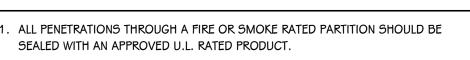
- 1. CONTRACTORS ARE REQUIRED TO INSPECT/REVIEW THE EXISTING BUILDING PRIOR TO RELATED DEMOLITION WORK. UNLESS NOTED OTHERWISE, REMOVAL OF ANY WALL, FLOOR OR CEILING INCLUDES ALL GENERAL MECHANICAL AND ELECTRICAL ITEMS WHICH ARE A PART OF, OR ATTACHED TO IT.
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING JOB SITE CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR THE SAME. ADVISE CONSTRUCTION MANAGER OF ANY AND ALL DISCREPANCIES.
- 3. PATCH FLOORS, WALLS AND CEILINGS DAMAGED DURING CONSTRUCTION AND DEMOLITION AS REQUIRED. FINISH TO MATCH EXISTING.
- 4. ACCOMMODATE NEW CONSTRUCTION IF NOT INDICATED.
- PROTECT ALL EXISTING FINISHES THROUGHOUT PROJECT.
- 6. REFER TO DEMOLITION ELEVATIONS, SECTIONS AND DETAILS FOR ADDITIONAL
- 7. REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION NOTES.
- 8. SALVAGE ALL UNISTRUT AND PROTECT FOR RE-USE IN NEW CONSTRUCTION, IF
- 9. AT LOCATIONS OF REMOVED WALLS, ALL ASSOCIATED ITEMS ATTACHED TO THE WALL ARE TO BE REMOVED. SUCH AS: DOORS, WINDOWS, FRAMES, MARKERBOARDS, TACKBOARDS, TACK STRIPS, ETC.

GENERAL NOTES - ARCHITECTURAL

- 1. THE OWNER RESERVES THE RIGHT TO REMOVE ANY ITEM FROM THE PROJECT PRIOR TO COMMENCEMENT OF CONTRACTED DEMOLITION WORK.
- 2. ALL EXISTING CONDITIONS SHOULD BE FIELD VERIFIED BEFORE WORK BEGINS.
- 3. DIMENSIONS GIVEN ARE ACTUAL AND ARE TO THE FACE OF MASONRY UNITS OR TO THE FACE OF STUD FRAMING, UNLESS NOTED OTHERWISE.
- 4. DETAILS SHOWN ILLUSTRATE DESIGN INTENT, NOT ALL POSSIBLE CONDITIONS. FOR CONDITIONS NOT SHOWN, USE DETAILS CLOSEST TO CONDITION IN QUESTION.
- 5. EXTEND ALL INTERIOR WALL PARTITIONS FROM FLOOR TO STRUCTURE/DECK ABOVE UNLESS NOTED OR DETAILED OTHERWISE.
- 6. WITHIN BUILDING INTERIOR PROVIDE BULLNOSE BLOCK IN CMU WALL ASSEMBLIES AT ALL EXPOSED OUTSIDE CORNERS, INCLUDING WINDOW AND DOOR JAMBS, UNLESS NOTED OR DETAILED OTHERWISE. PROVIDE SQUARE OUTSIDE CORNERS AT ALL LOCATIONS FINISHED WITH WALL TILE, REFER TO FINISH PLANS (A600 SHEETS) FOR LOCATIONS.
- 7. TOOTH-IN MASONRY AT NEW OPENINGS IN EXISTING WALLS.
- 8. TOOTH-IN NEW MASONRY INFILL INTO EXISTING OPENINGS AT ALL BULLNOSE BLOCK LOCATIONS.
- 9. STUD WALLS SPANNING OVER 12'-O" IN HEIGHT SHALL BE A MINIMUM OF 20 GAGE.
- 10. STUD WALL SUPPORTING WALL CABINETS SHALL BE A MINIMUM OF 20 GAGE.
- 11. DOORS ARE TO BE 4" FROM CORNER OF ROOM, UNLESS NOTED OR DIMENSIONED
- 12. FIRESTOP ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES AND CONCEALED WALL SPACES AT CEILING, FLOOR AND ROOF LEVELS.
- 13. FIRESEAL ALL PENETRATIONS, SUCH AS, PIPES, DUCTS, CONDUITS, ETC. THROUGH FIRE AND/OR SMOKE RATED ASSEMBLIES.
- 14. FOR CONTROL JOINT (C.J.) LOCATIONS REFER TO EXTERIOR ELEVATIONS AND/OR
- 15. PAINT ALL ELECTRICAL PANEL COVERS AND ACCESS PANELS TO MATCH ADJACENT FINISHES. USING OIL-BASED PAINT, NOT LATEX WALL PAINT.
- 16. PROVIDE WOOD BLOCKING IN WALLS THAT REQUIRE WALL MOUNTED EQUIPMENT OR
- ACCESSORIES. COORDINATE WITH EQUIPMENT OR ACCESSORY MANUFACTURER.
- 17. PROVIDE ALL ASSOCIATED CURBS FOR ROOF TOP EQUIPMENT AND MECHANICAL ROOF TOP UNITS. LARGE VOIDS BELOW THE AIR HANDLING UNITS SHALL BE FILLED WITH INSULATION AS SPECIFIED FOR NOISE CONTROL.
- 18. ALL EXISTING ROOF TOP PENETRATIONS BEING REMOVED REQUIRE ROOF PATCHING TO MATCH EXISTING ADJACENT.







- 2. THE TOPS OF ALL FIRE RATED PARTITIONS SHALL BE SEALED TO THE CONTINUOUS STRUCTURE ABOVE WITH A U.L. RATED SYSTEM OR ASSEMBLY.
- . WOOD BLOCKING IN FIRE-RATED PARTITIONS SHALL BE NON-COMBUSTIBLE
- TREATED WOOD.
- 4. REFER TO SPECIFICATION U.L. RATING INFORMATION.
- 5. FIRE-RATED WALLS ENDING INTO AN ACOUSTICAL DECK MUST HAVE THE FLUTES FILLED, REFER TO 'TOP OF WALL DETAIL AT ACOUSTIC DECK' SHOWN ON THIS
- FOR MASONRY WALLS THE MASON SHALL FILL VOIDS AND FIRE SPRAY WITH UL LISTED
- FOR STUD WALLS USE FIRE SAFING AND FIRE CAULK.

higan	Building	Code -	2015	Edition

Section 311.2:	The storage room to be classified as Moderate-hazard Storage Group S-1. (Must comply with the maximum allowable quantities of hazardous materials listed in Table 307.1 (1).
T	

Table 504.3: Allowable Height: Occupancy S-1, Type V-S: 40 feet Table 504.4: Allowable Stories: Occupancy 5-1, Type V-5: 1 Story

Section 506.2: Allowable Area: Occupancy 5-1, Type V-N5: 9,000 sf Section 506.3: A frontage increase is not required. The building area complies with the

allowable area in Table 506.2. Table 601 – Construction Type V-B (Non-sprinklered – Single Story) Construction in which structural elements, and exterior walls, and

interior walls are of any materials permitted by this code. Table 1004.1.2: Occupant Load Factors

Storage Areas: 300 gross

Calculated Occupancies Storage (2,048 gross sq. ft.) - 7 Occupants

Section 1005.3: Egress Capacity Factors 1005.3.2 All others = 0.2 inches per Occupant

Table 1006.2.1: Maximum Common Path of Travel shall not exceed: Storage: 100 ft without sprinkler system and occupant load is less than 30 occupants

Section 1007.1.1 Where two exits, exit access doorways, exit access stairways or ramps, or any combination thereof, are required from any portion of the exit access, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of

the building or area to be served measured in a straight line between

Exit Access Travel Distance shall not exceed: Storage: 200 feet

ISSUED FOR

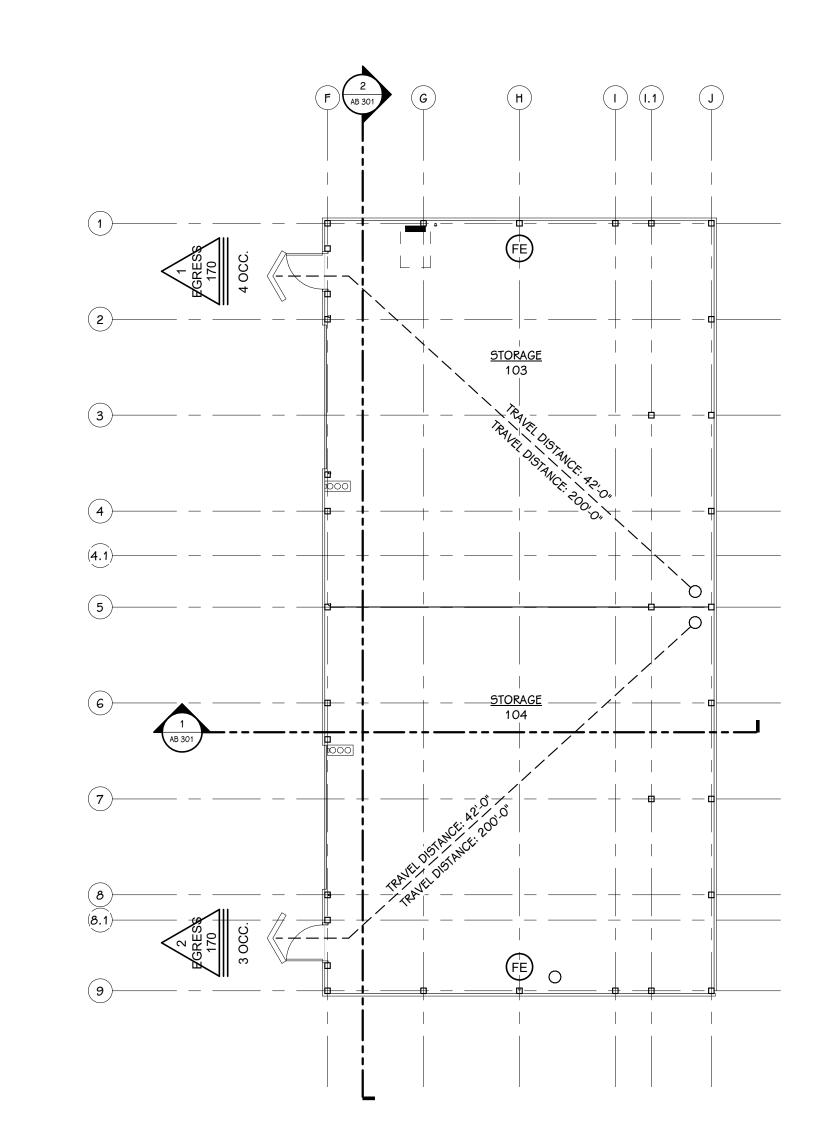
<u>PRIORITY</u>

JER JRTAGE HOOLS

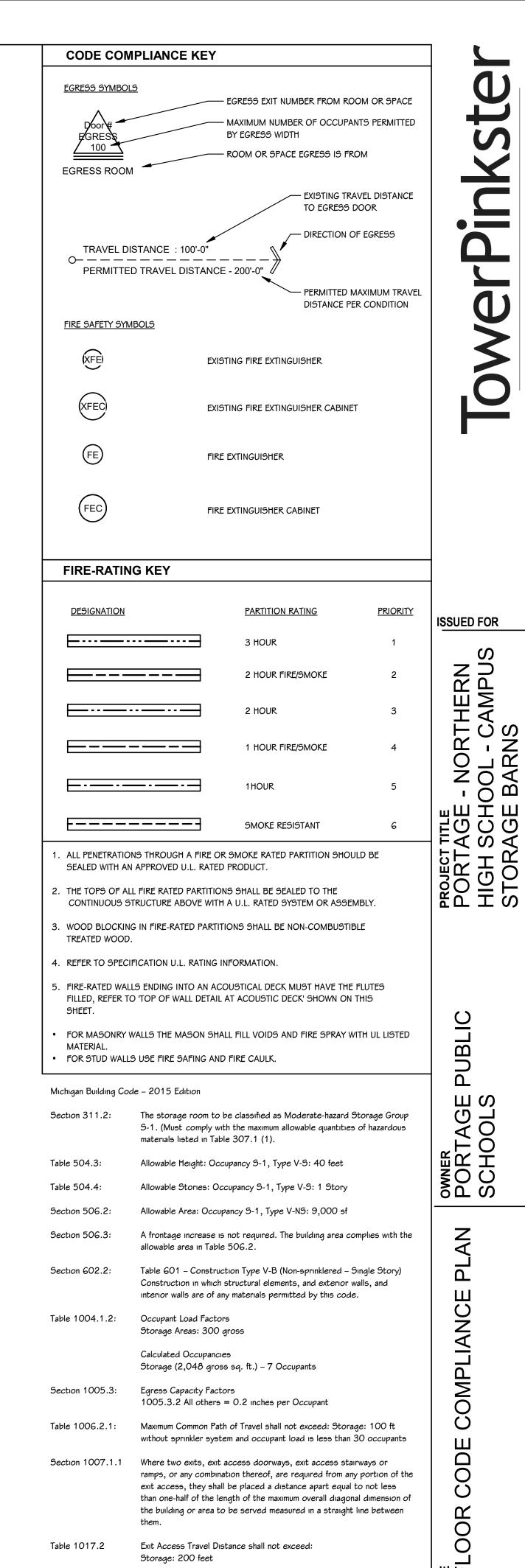
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LOOR CODE COMPLIANC, TYPICAL SYMBOLS AND AL NOTES

2022 20,







the building or area to be served measured in a straight line between

Exit Access Travel Distance shall not exceed:

Storage: 200 feet

DATE JANUARY

2022

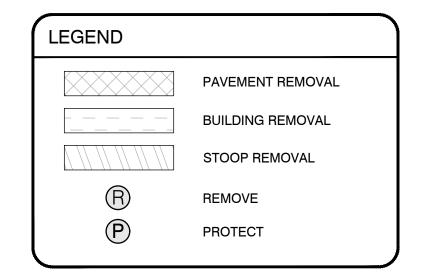
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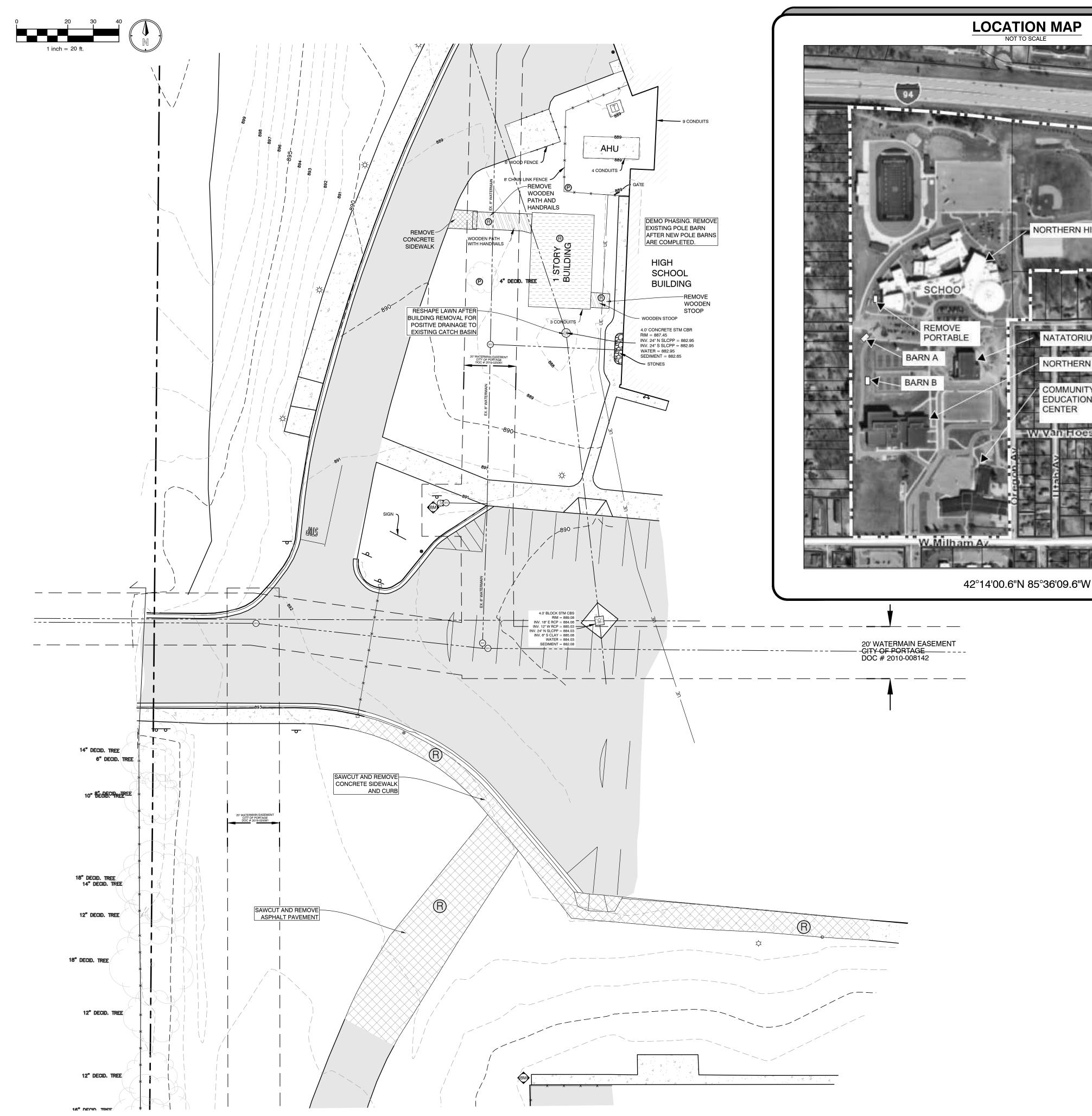
Portage, Michigan

DATE

DEMOLITION NOTES

- ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL LAWS, RULES AND REGULATIONS IN FORCE AT TIME OF CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, PERMIT COSTS, TAP FEES, METER DEPOSITS, PERMANENT UTILITY APPLICATIONS, BONDS, AND OTHER FEES REQUIRED FOR PROPOSED WORK. THIS SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO THOSE REQUIRED BY THE CITY OF PORTAGE, MI AND KALAMAZOO COUNTY.
- 10. CONTACT MISS DIG "811" FOR LOCATION OF UNDERGROUND UTILITIES A MINIMUM OF 48 HOURS BEFORE COMMENCING EXCAVATION WORK. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING UTILITY OWNERS WHO ARE NOT PART OF THE "MISS DIG" ALERT SYSTEM. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER AS TO ENSURE THAT THOSE UTILITIES NOT REQUIRING RELOCATION WILL NOT BE DISTURBED.
- 11. DEMOLISH & REMOVE ALL EXISTING SITE FEATURES AS REQUIRED.
- 12. ALL SOIL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO DEMOLITION.
- 13. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS AND GEOTECHNICAL REPORT.
- 14. ALL EXISTING ELEVATIONS ARE TO BE VERIFIED AND ACCEPTED AS SHOWN PRIOR TO COMMENCEMENT OF WORK.
- 15. CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID TRACKING SOIL ONTO ADJACENT ROADWAYS. CONTRACTOR SHALL SWEEP IMMEDIATELY IF OCCURS.
- 16. ANY DISTURBED AREA WHICH WILL BE LEFT UNWORKED 15 DAYS OR LONGER MUST BE SEEDED TO ESTABLISH VEGETATION FOR TEMPORARY STABILIZATION. BASINS TO BE SEEDED AND MULCH BLANKETS APPLIED IMMEDIATELY TO PROVIDE A STABLE BASE AND AVOID EXCESSIVE EROSION.
- REVIEW ALL THE REMOVALS AND PROTECTION WITH OWNER PRIOR TO COMMENCING CONSTRUCTION. INSTALL TEMPORARY SNOW FENCE AROUND ALL TREES REQUIRING PROTECTION. SNOW FENCE SHALL BE PLACED AT EDGE OF DRIP
- 18. SAWCUT ALL CURB, SIDEWALK, AND PAVEMENTS PRIOR TO REMOVAL. ADDITIONAL SAWCUT MAY BE NECESSARY PRIOR TO REPLACEMENT TO ENSURE CLEAN EDGE.
- 19. ALL REMOVALS SHALL BE TAKEN OFF-SITE AND DISPOSED OF PROPERLY. NO STOCKPILE OR BURNING OF DEBRIS IS ALLOWED.
- 20. ALL REMOVALS SHALL BE TO THE LIMITS INDICATED ABOVE UNLESS OTHERWISE DIRECTED BY THE ENGINEER. UNAUTHORIZED REMOVALS AND SUBSEQUENT REPLACEMENT SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 21. REMOVE, STORE, AND RESET ANY EXISTING SIGNS AS DIRECTED BY THE ENGINEER/OWNER.
- 22. REMOVE ALL TREES TO THE CLEARING LIMITS AS SHOWN. REMOVE ALL EXISTING TREES, STUMPS AND BRUSH FROM THE SITE AS NECESSARY TO CONSTRUCT THE IMPROVEMENTS.
- 23. THE CONTRACTOR SHALL DEMOLISH AND REMOVE ANY ITEMS REMAINING FROM THE EXISTING BUILDING, IN ITS ENTIRETY, INCLUDING WALLS, FOUNDATIONS AND FOOTINGS. ALL BUILDING DRAINS AND UTILITY LEADS SHALL BE LOCATED AND PROPERLY PLUGGED. UTILITY LEAD WORK SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY.
- BACKFILL EXCAVATED AREAS WITH CLEAN GRANULAR FILL COMPACTED TO 95% OF THE MATERIAL UNIT WEIGHT BY MODIFIED PROCTOR.
- CONTROL SHALL BE MAINTAINED OVER THE SITE AND OPERATION TO ELIMINATE HAZARDS TO THE PUBLIC. NAILS OR OTHER TIRE PUNCTURING ITEMS SHALL NOT BE DROPPED ON STREETS, ALLEYS AND ADJACENT PROPERTY. PUBLIC STREETS. CURBS AND SIDEWALKS SHALL BE PROTECTED FROM DAMAGE. THE PERSON ENGAGED IN THE DEMOLITION WORK SHALL BE LIABLE FOR ANY AND ALL DAMAGE TO CURBS, STREETS, SIDEWALKS AND OTHER PUBLIC OR PRIVATE PROPERTY AND FOR ANY BODILY INJURY OCCURRING AS A RESULT OF THE DEMOLITION WORK.







ALL UTILITIES AS SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM ACTUAL MEASUREMENTS AND AVAILABLE RECORDS. THEY

SHOULD NOT BE INTERPRETED TO BE EXACT LOCATION NOR SHOULD IT BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THE

AREA. FIELD WORK PERFORMED BY: H & S ENGINEERING

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O'DELL

ISSUED FOR

PRO NO CA

OWNER PORTAGE | SCHOOLS

ENGINEER

MIDDLE SCHOOL BUILDING

SITE DATA

. PROPERTY INFORMATION: PARCEL #s: 00017-095-O SITE AREA: 2,875,000 SF (66 AC)

OWNER: PORTAGE PUBLIC SCHOOLS 8107 MUSTANG DR PORTAGE, MI 49002

2. ZONING:

R-1B RESIDENTIAL ABUTTING PROPERTY CURRENTLY ZONED: NORTH: R-1B RESIDENTIAL SOUTH: PD RESIDENTIAL EAST: R-1B RESIDENTIAL WEST: PD RESIDENTIAL/RM-1 RESIDENTIAL

3. SETBACKS

FRONT = 0' SIDES = 0' (25' IF ABUTS R DISTRICT) REAR = 0' (25' IF ABUTS R DISTRICT)

PROVIDED VOLUME:

4. PARKING: NOT APPLICABLE 5. STORM WATER RETENTION REQUIRED TOTAL IMPERVIOUS AREA: 3,278 SQFT

REQUIRED STORM WATER VOLUMES BASED ON 3" OVER IMPERVIOUS AREA: REQUIRED STORAGE VOLUME: 820 CFT

833 CFT

GENERAL NOTES

MAY OCCUR.

LEGEND

TO VERIFY ALL DIMENSIONS IN FIELD.

DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR

ANYTHING AFFECTED SO THAT CLARIFICATION OR REDESIGN

2. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS BECOME APPARENT, THESE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ ENGINEER PRIOR TO CONSTRUCTION OF

LIMITS OF CONSTRUCTION

1 inch = 30 ft.

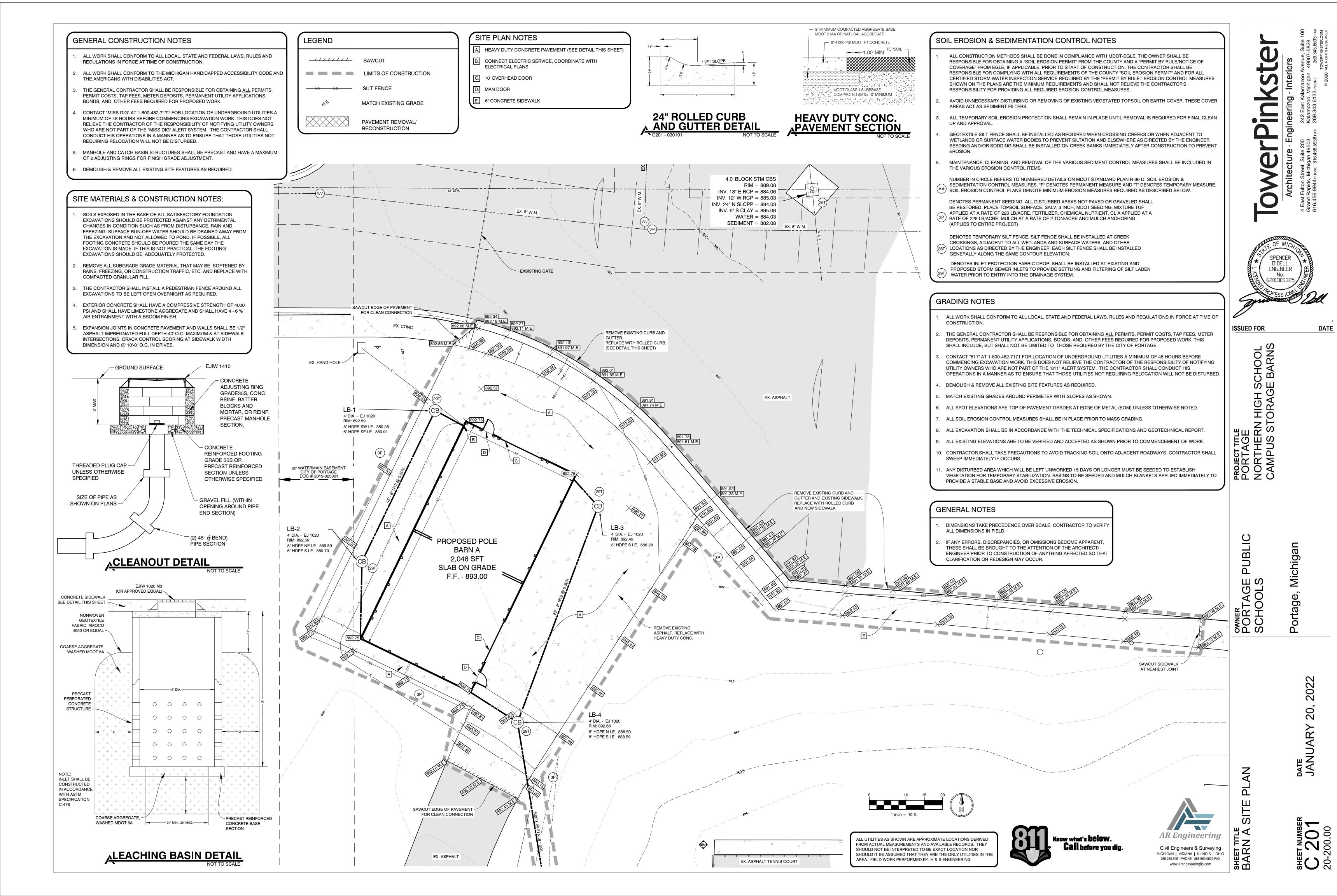
ENGINEER ISSUED FOR

OWNER PORTAGE I SCHOOLS

Portage, Michigan

2022 20,

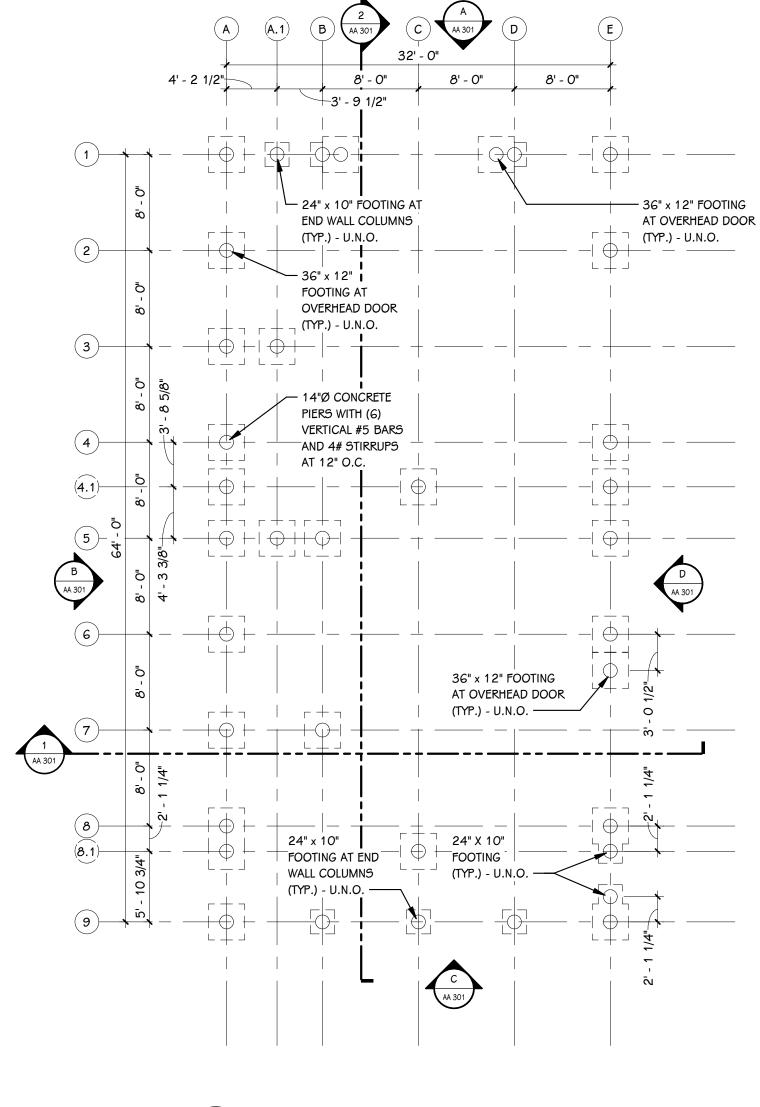


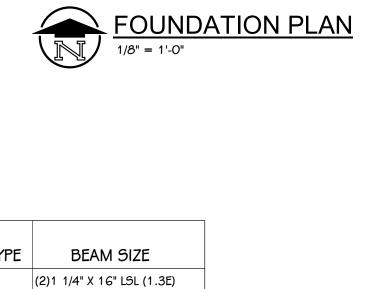


ENGINEER

ISSUED FOR

OWNER PORTAGE SCHOOLS





BEAM TYPE

BEAM SIZE

(2)1 1/4" X 16" LSL (1.3E)

(2)1 1/4" X 16" LSL (1.3E)

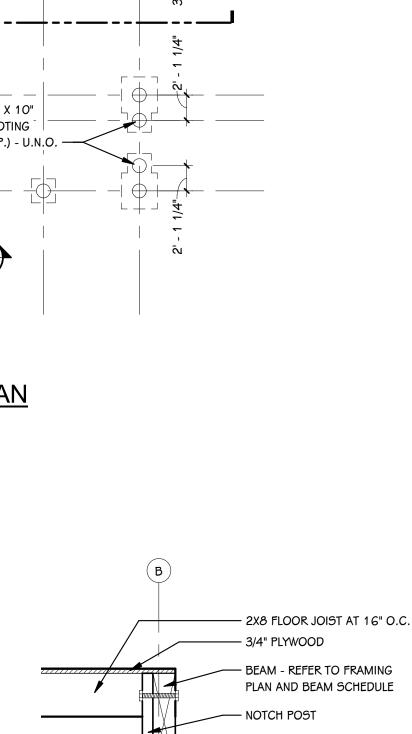
B2 (3)1 1/4" X 16" L5L (1.3E)

B3 (2)1 1/4" X 16" LSL (1.3E)

B4 (2)1 1/4" X 16" L5L (1.3E)

B6 (3)1 1/4" X 16" L5L (1.3E) B7 (1)1 1/4" X 11 7/8" L5L (1.3E) B8 (2)1 1/4" X 18" L5L (1.3E)

USE B7 FOR ALL PERIMETER BEAMS 8'-0" AND UNDER

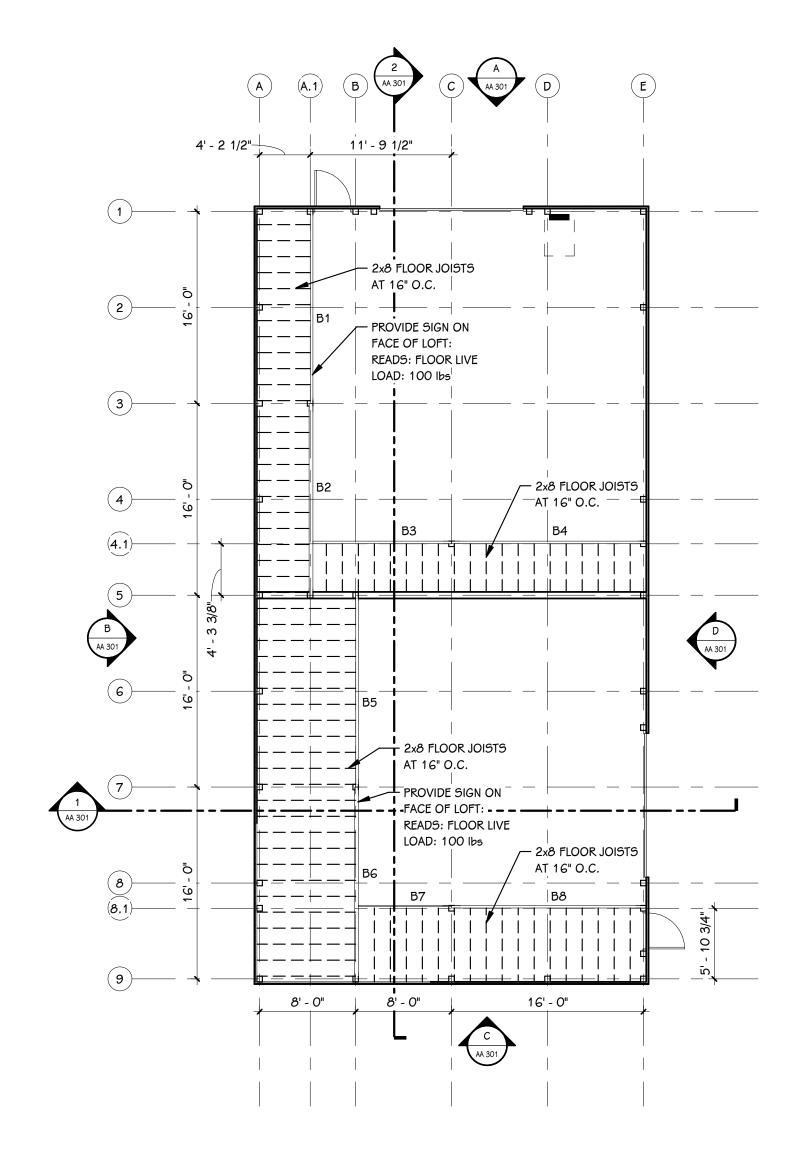


NOTCHED POST DETAIL

3/4" = 1'-0"

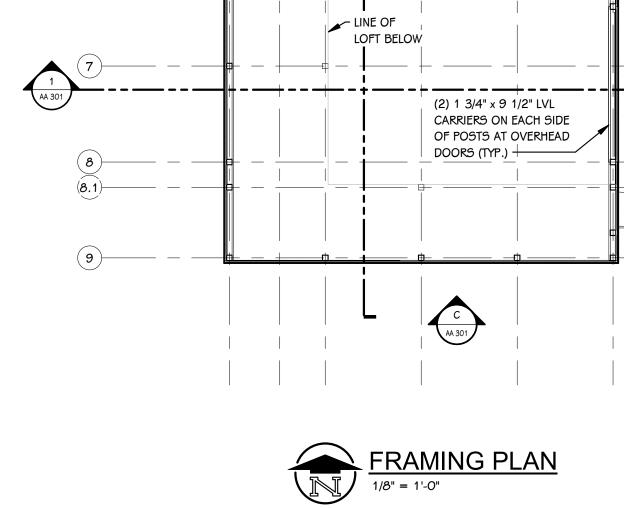
— (2) 1/2" DIAMETER THROUGH

BOLTS WITH WASHERS



LOFT FRAMING PLAN

1/8" = 1'-0"



(2) 1 3/4" x 9 1/2" LVL CARRIERS ON EACH SIDE

DOORS (TYP.)

LINE OF LOFT BELOW

CONTINUOUS

CARRIERS ON

EACH SIDE OF

POSTS (TYP.)

OF POSTS AT OVERHEAD

(2) 2x10 CONTINUOUS

CARRIERS ON

EACH SIDE OF

POSTS (TYP.)

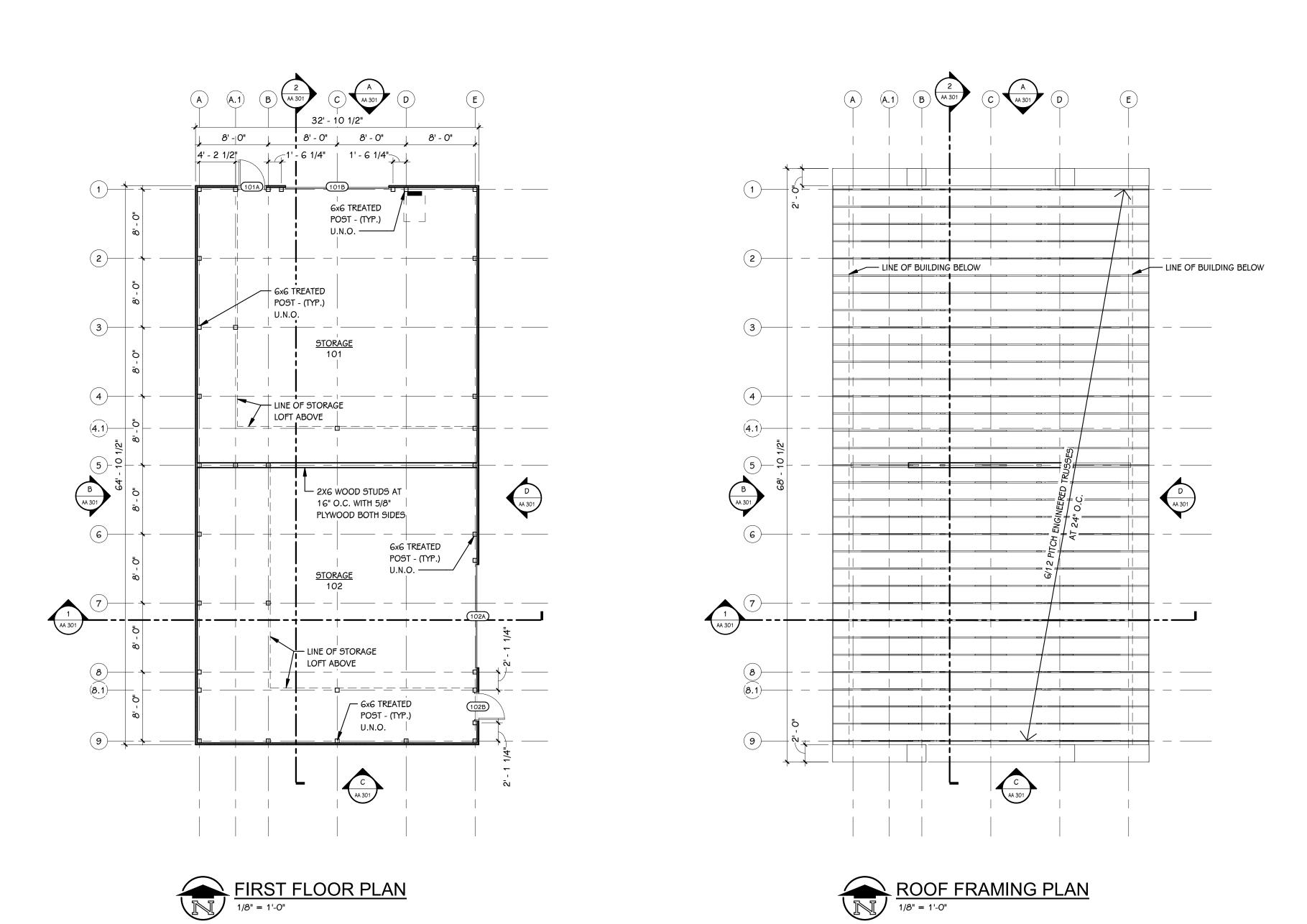


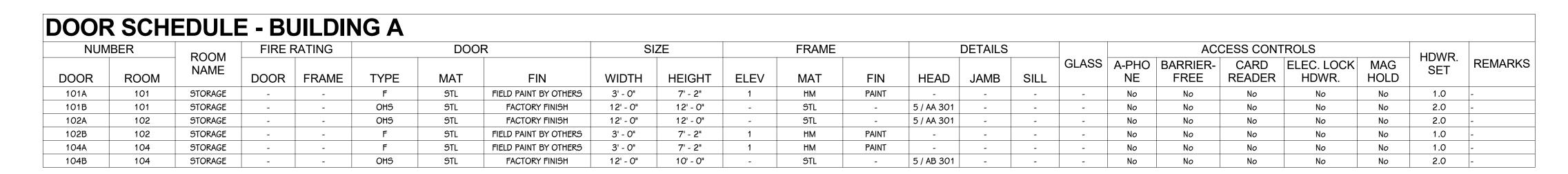
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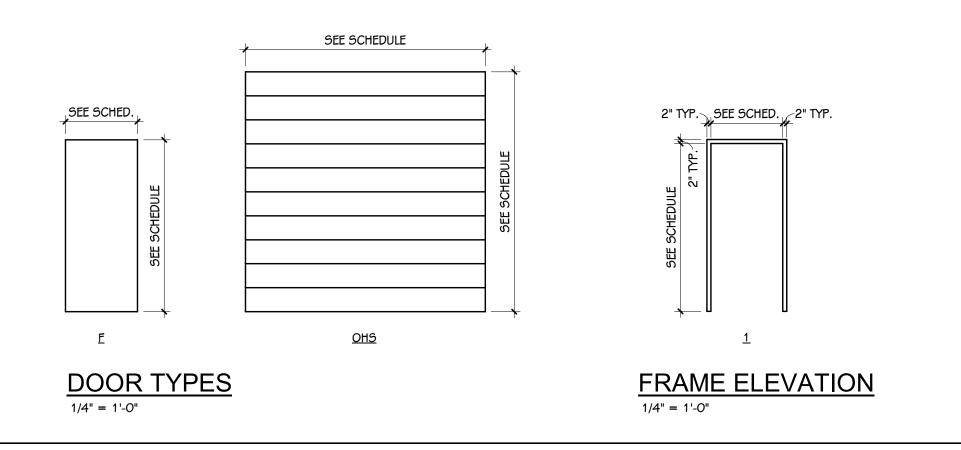
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ISSUED FOR

PROJECT TITLE
PORTAGE - NORTHERN
HIGH SCHOOL - CAMPUS
STORAGE BARNS

OWNER PORTAGE SCHOOLS

SHEET TITLE
FIRST FLOOR PLAN, ROOF FRAMING
PLAN AND DOOR SCHEDULE

GENERAL NOTES

REFER TO CODE COMPLIANCE PLAN FOR WALL RATING LINES.

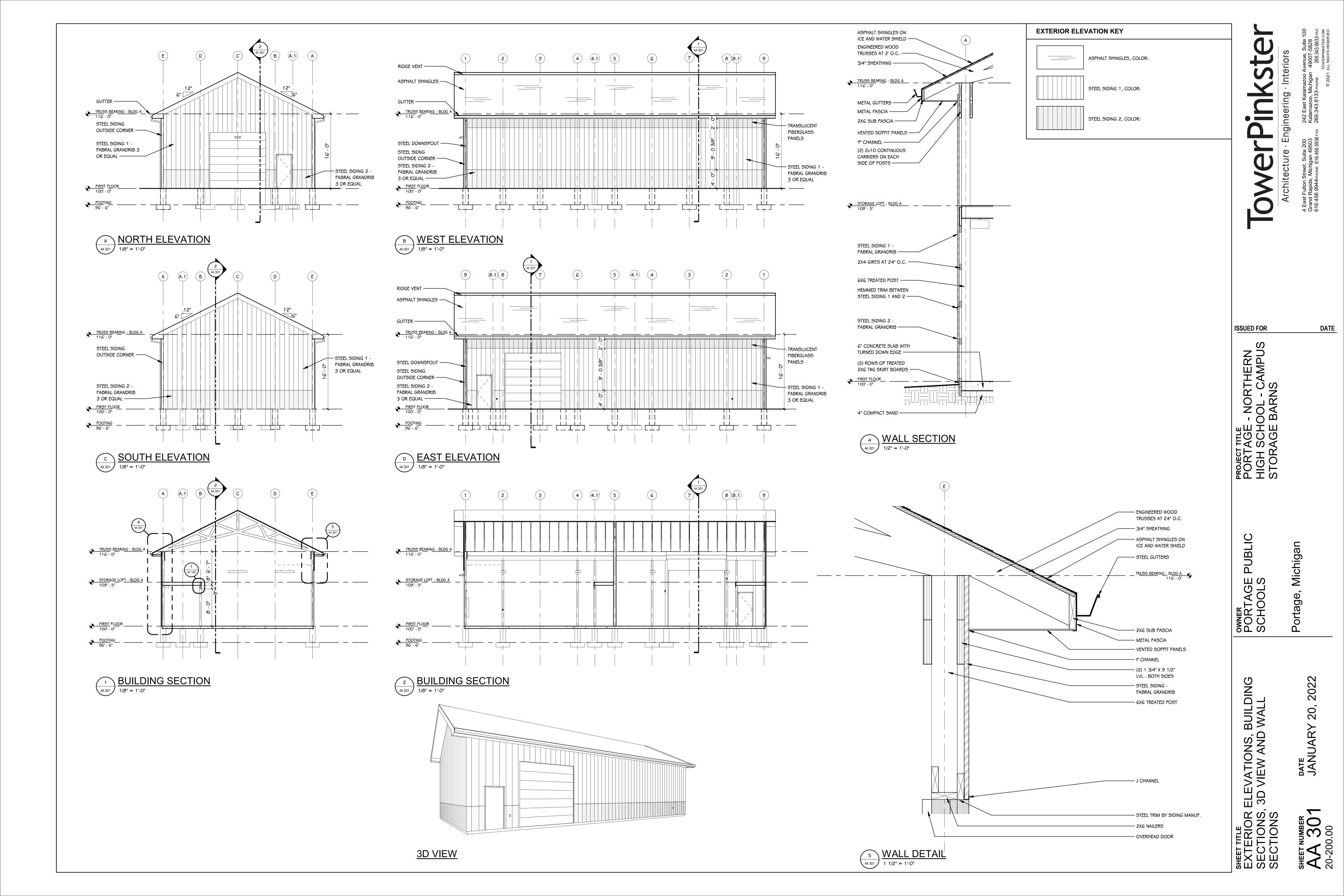
. REFER TO FLOOR FINISH PLANS FOR INTERIOR ELEVATION CALLOUTS.

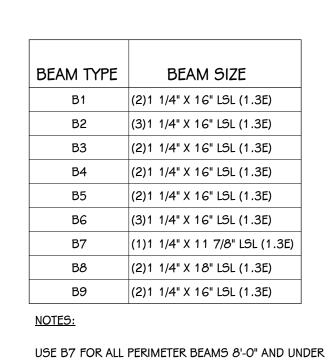
. REFER TO SHEET A 501 FOR WALL AND CEILING ACCESS PANEL INFORMATION.

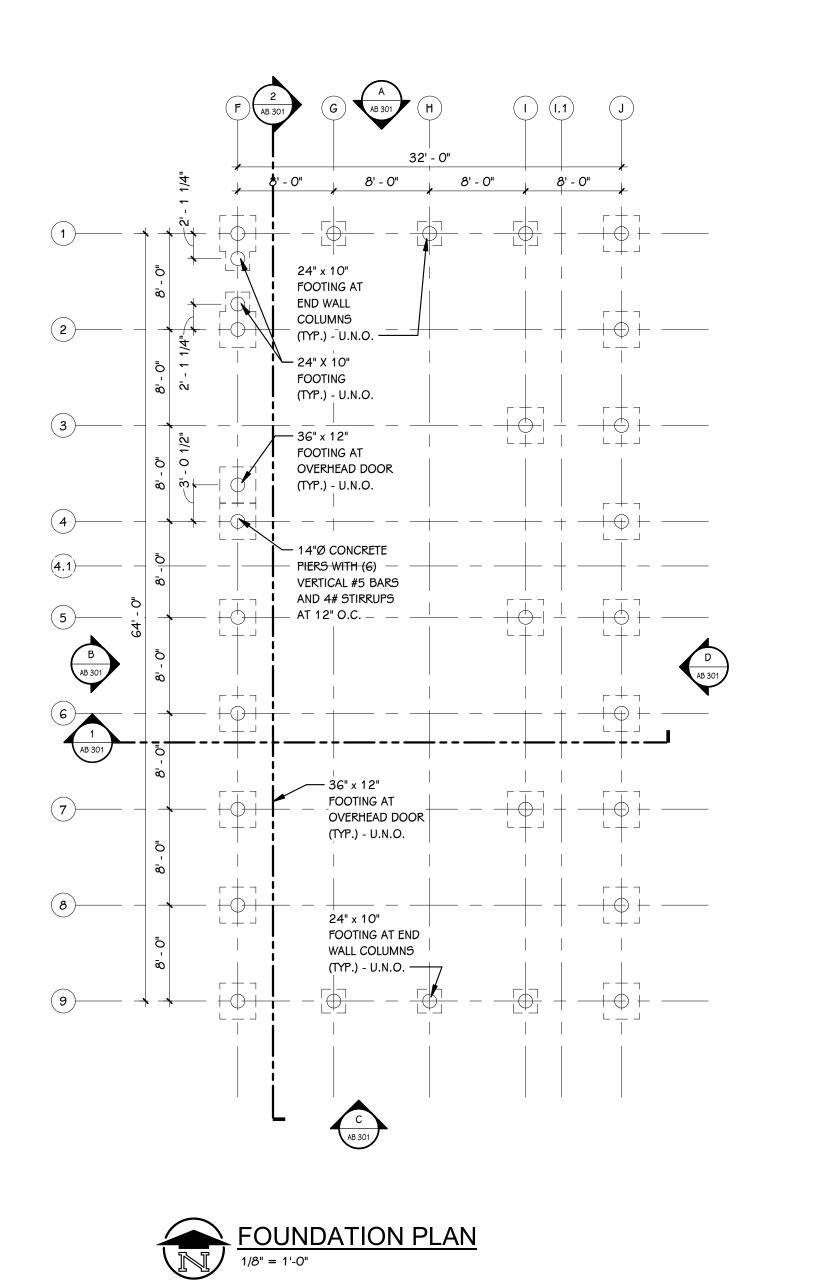
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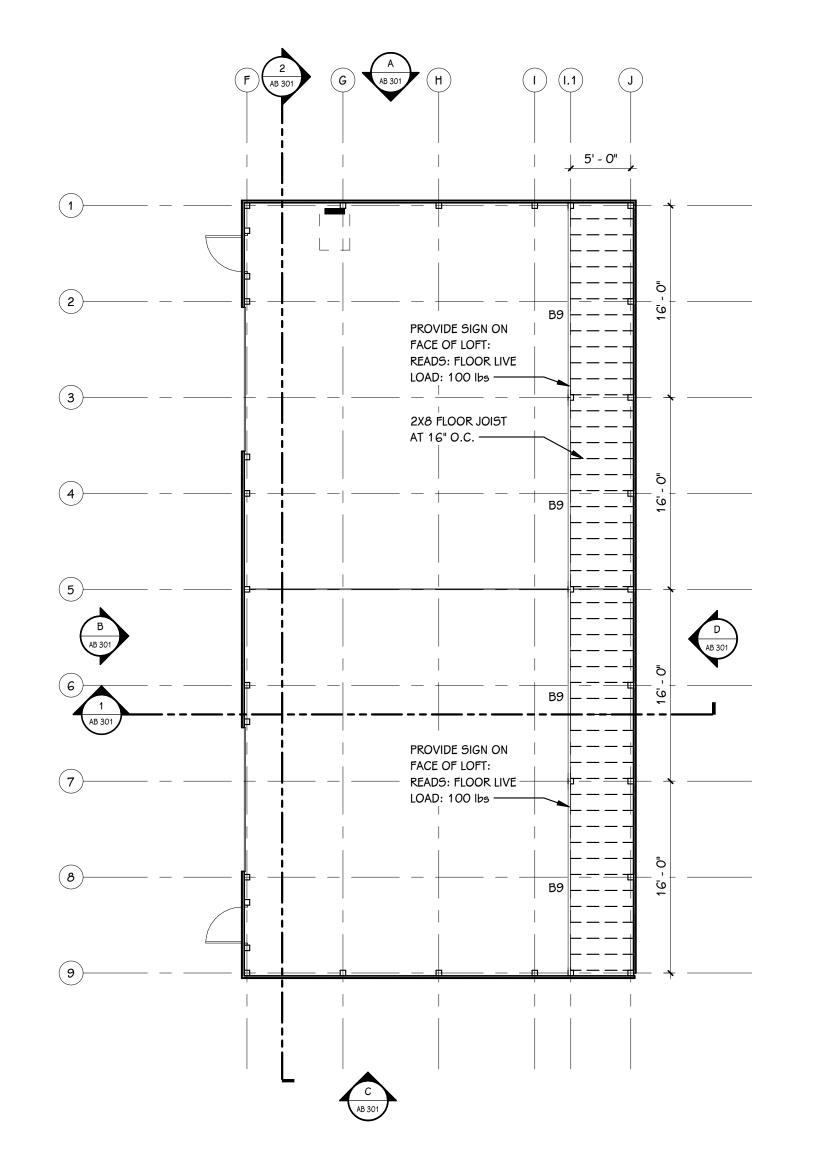
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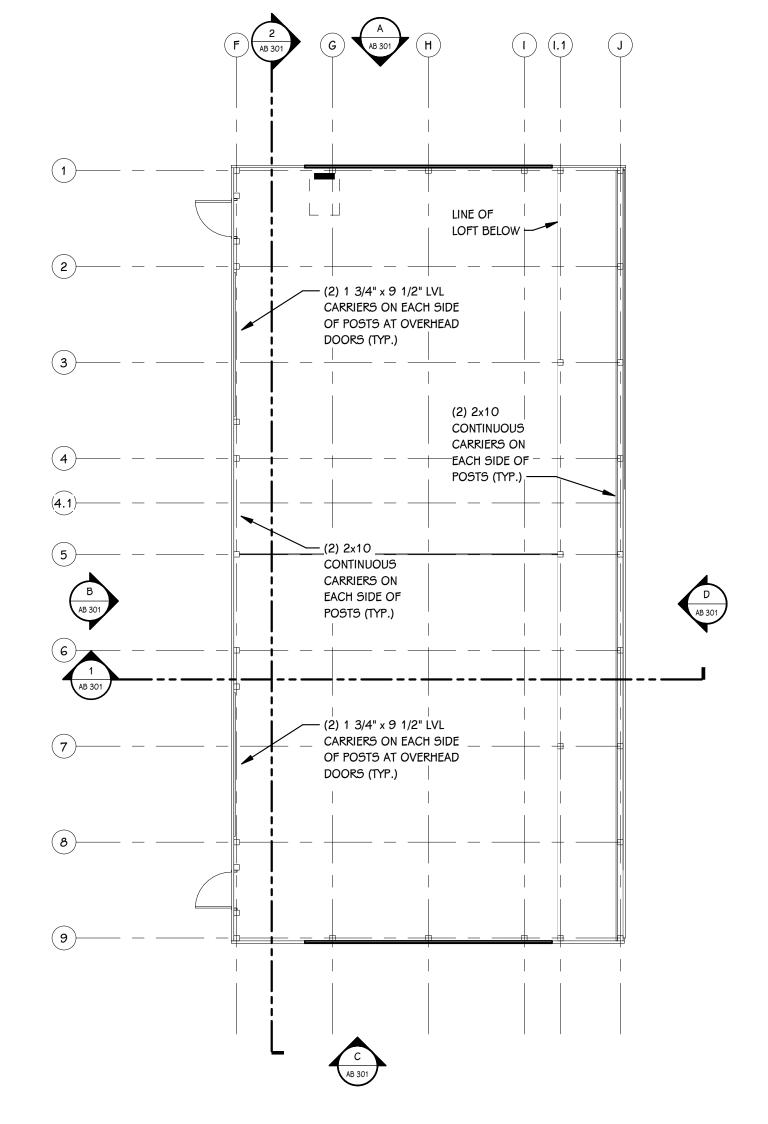






FRAMING PLAN

1/8" = 1'-0"



FRAMING PLAN

1/8" = 1'-0"



SHEET TITLE FOUNDATION AND FRAMING

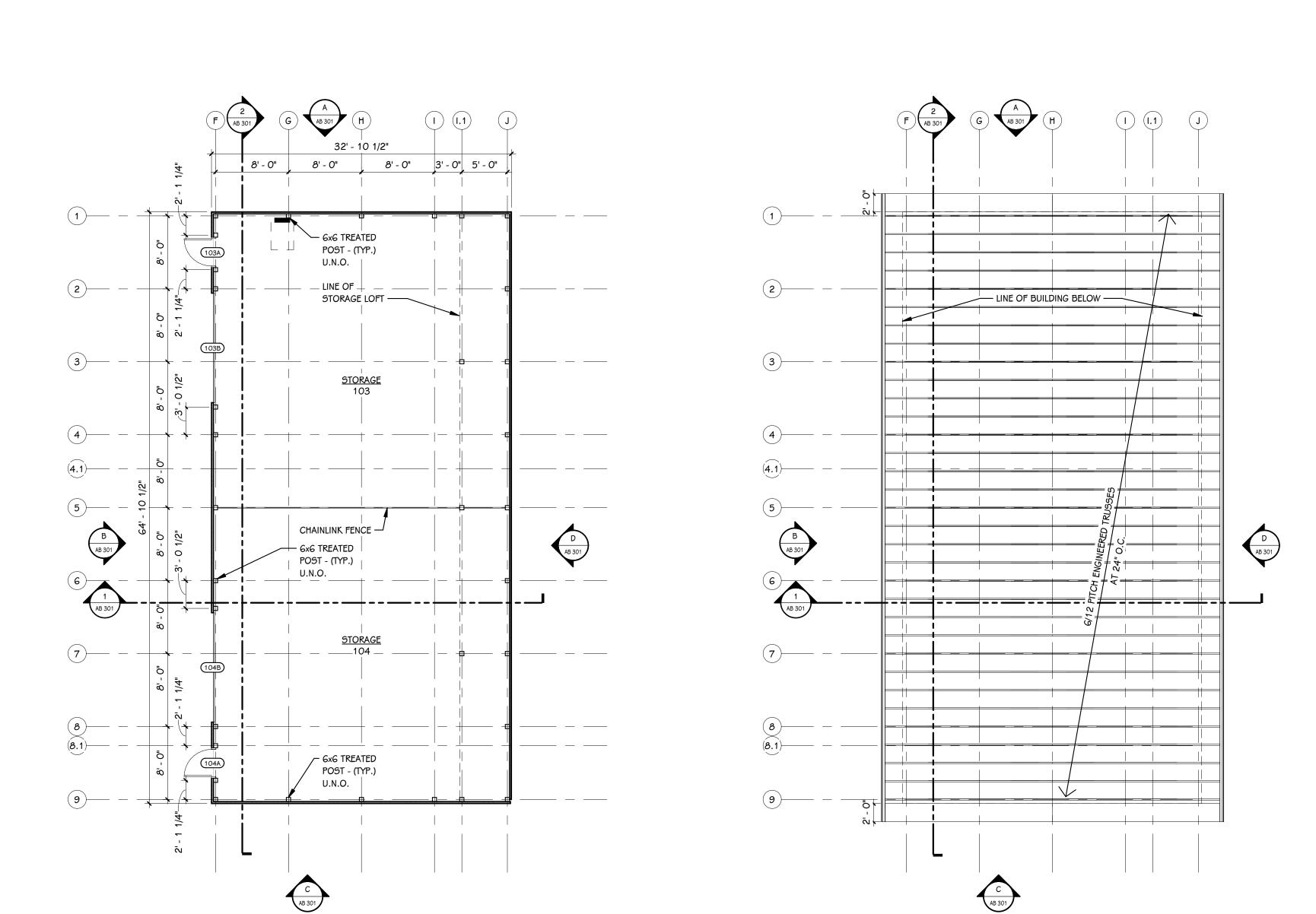
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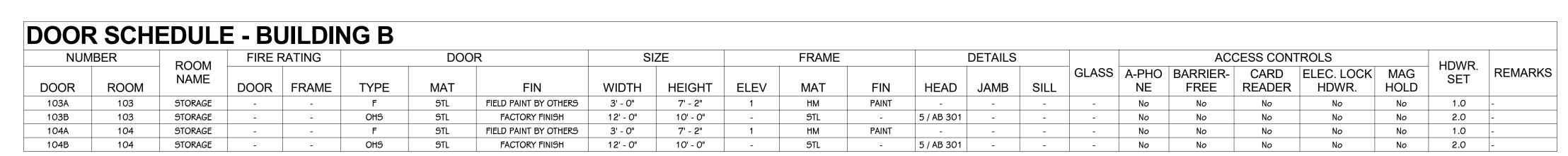
ISSUED FOR PROJECT TITLE
PORTAGE - NORTHERN
HIGH SCHOOL - CAMPUS
STORAGE BARNS



DATE

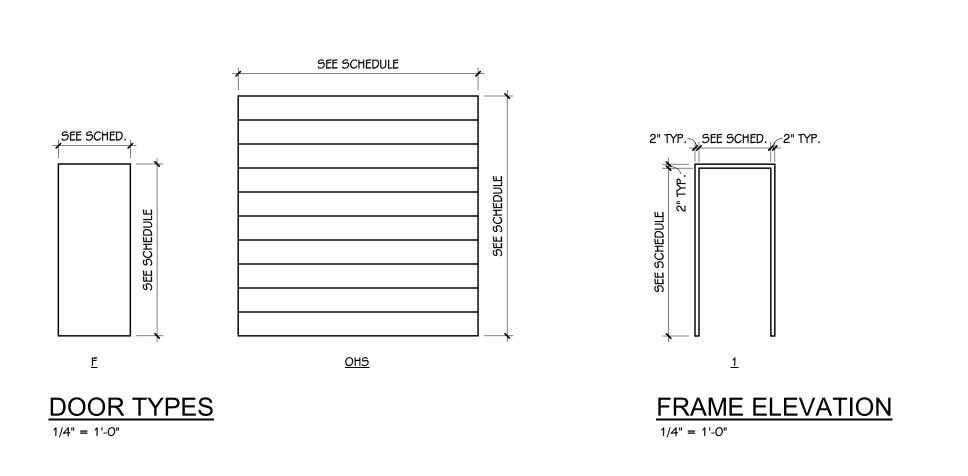
Portage, Michigan





ROOF FRAMING PLAN

1/8" = 1'-0"



FIRST FLOOR PLAN

1/8" = 1'-0"

ISSUED FOR PROJECT TITLE
PORTAGE - NORTHERN
HIGH SCHOOL - CAMPUS
STORAGE BARNS

GENERAL NOTES

REFER TO CODE COMPLIANCE PLAN FOR WALL RATING LINES.

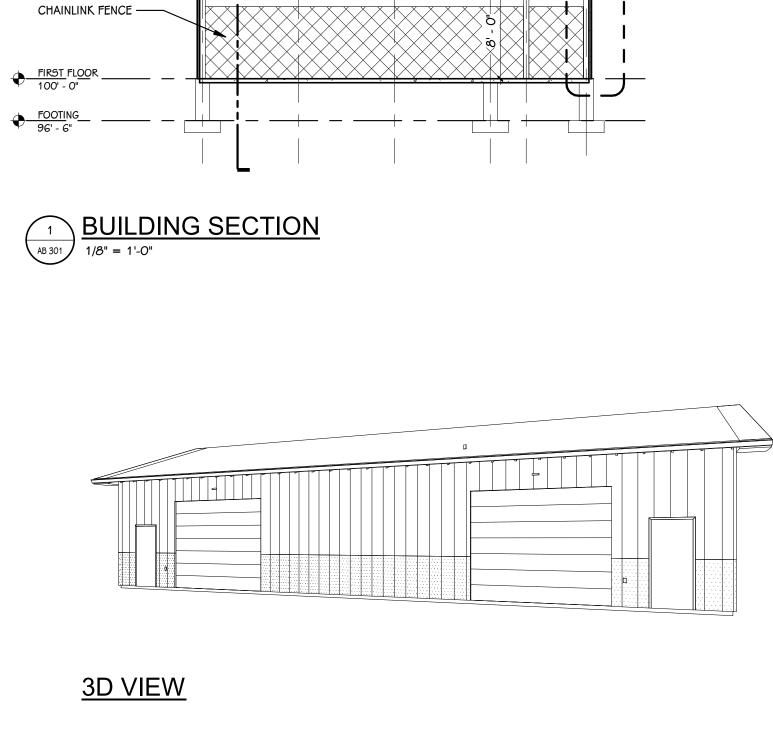
. REFER TO FLOOR FINISH PLANS FOR INTERIOR ELEVATION CALLOUTS.

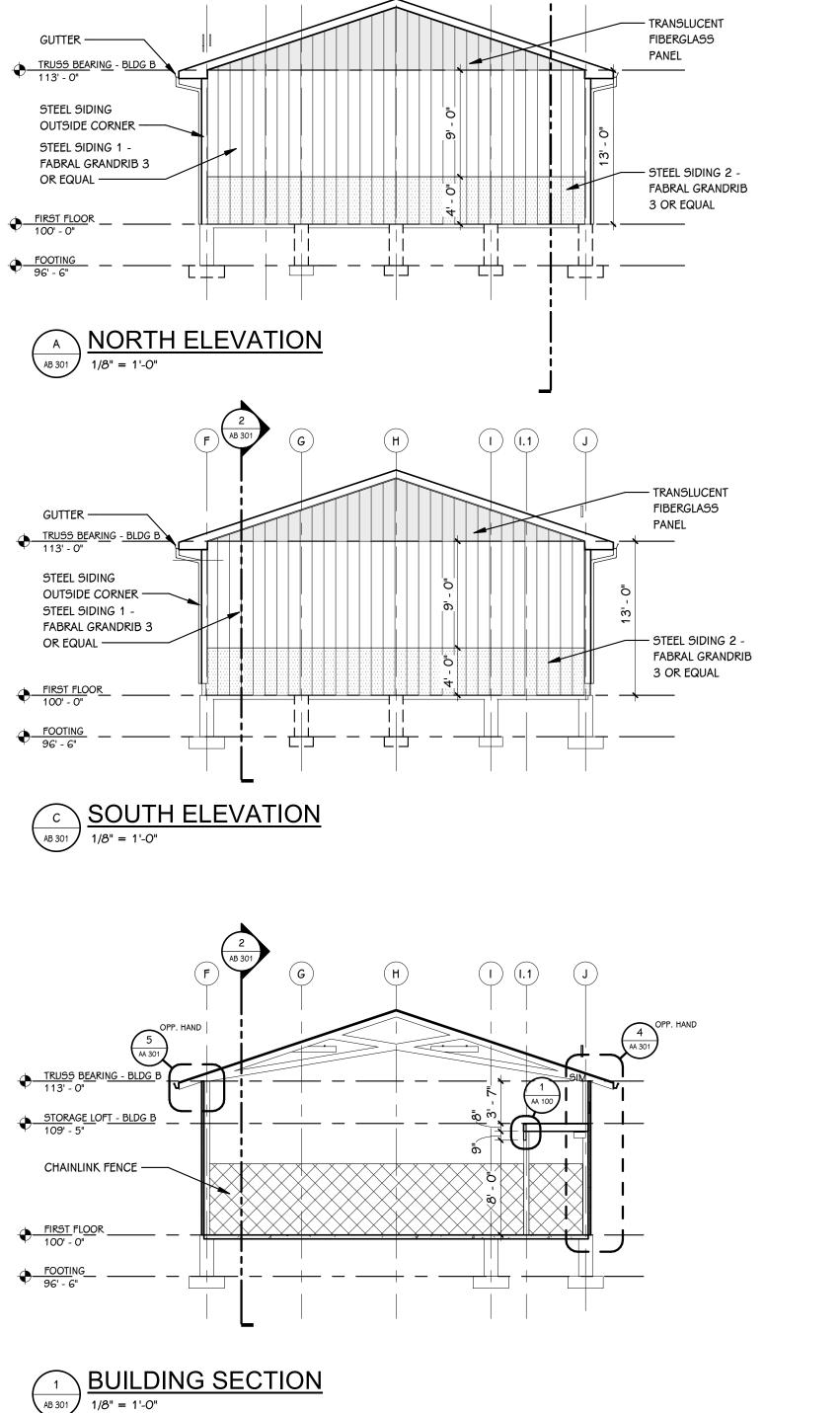
. REFER TO SHEET A 501 FOR WALL AND CEILING ACCESS PANEL INFORMATION.

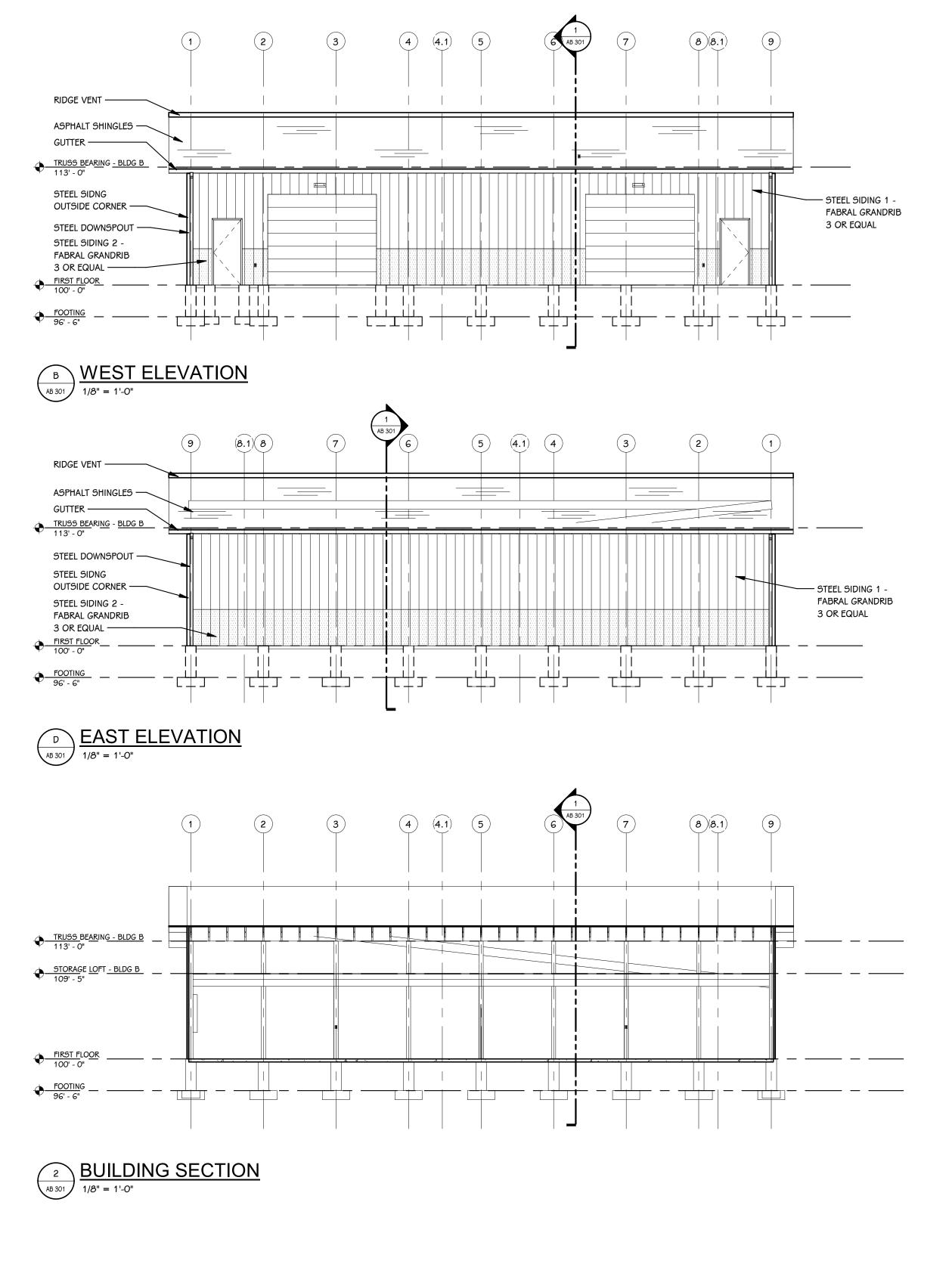
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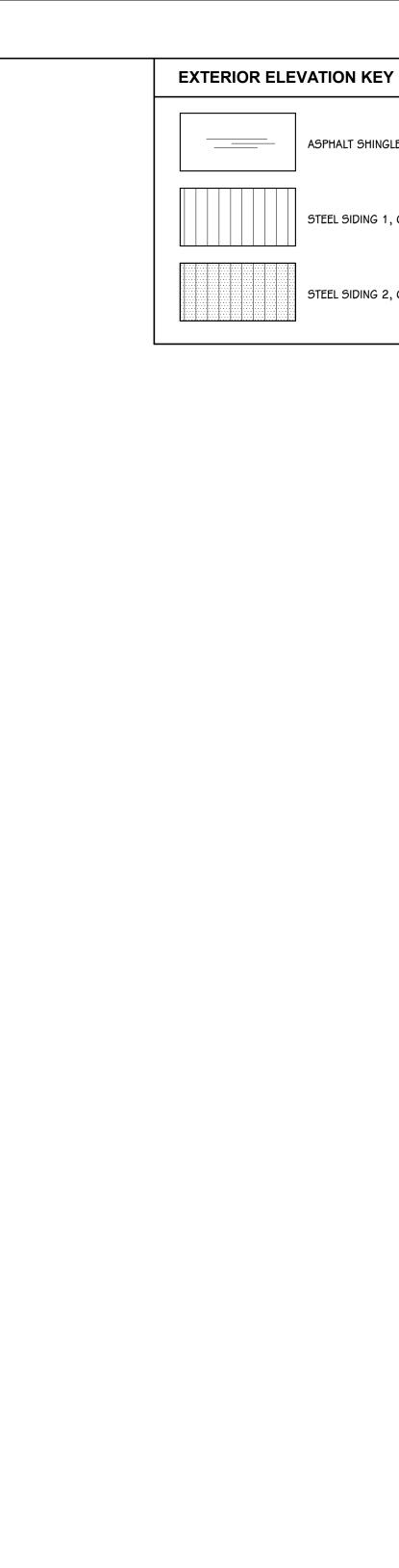
OWNER PORTAGE SCHOOLS

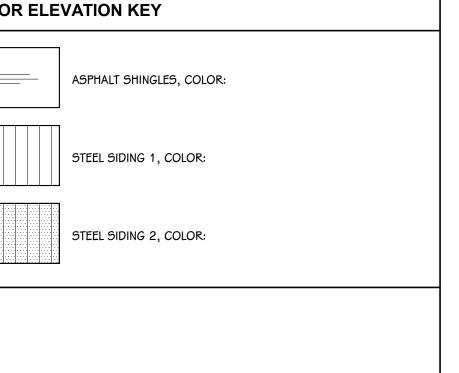
SHEET TITLE
FIRST FLOOR PLAN, ROOF FRAMING
PLAN AND DOOR SCHEDULE











SHEET TITLE
EXTERIOR ELEVATIONS,
SECTIONS, AND 3D VIEW

OWNER PORTAGE SCHOOLS

AB 301 20-200.00

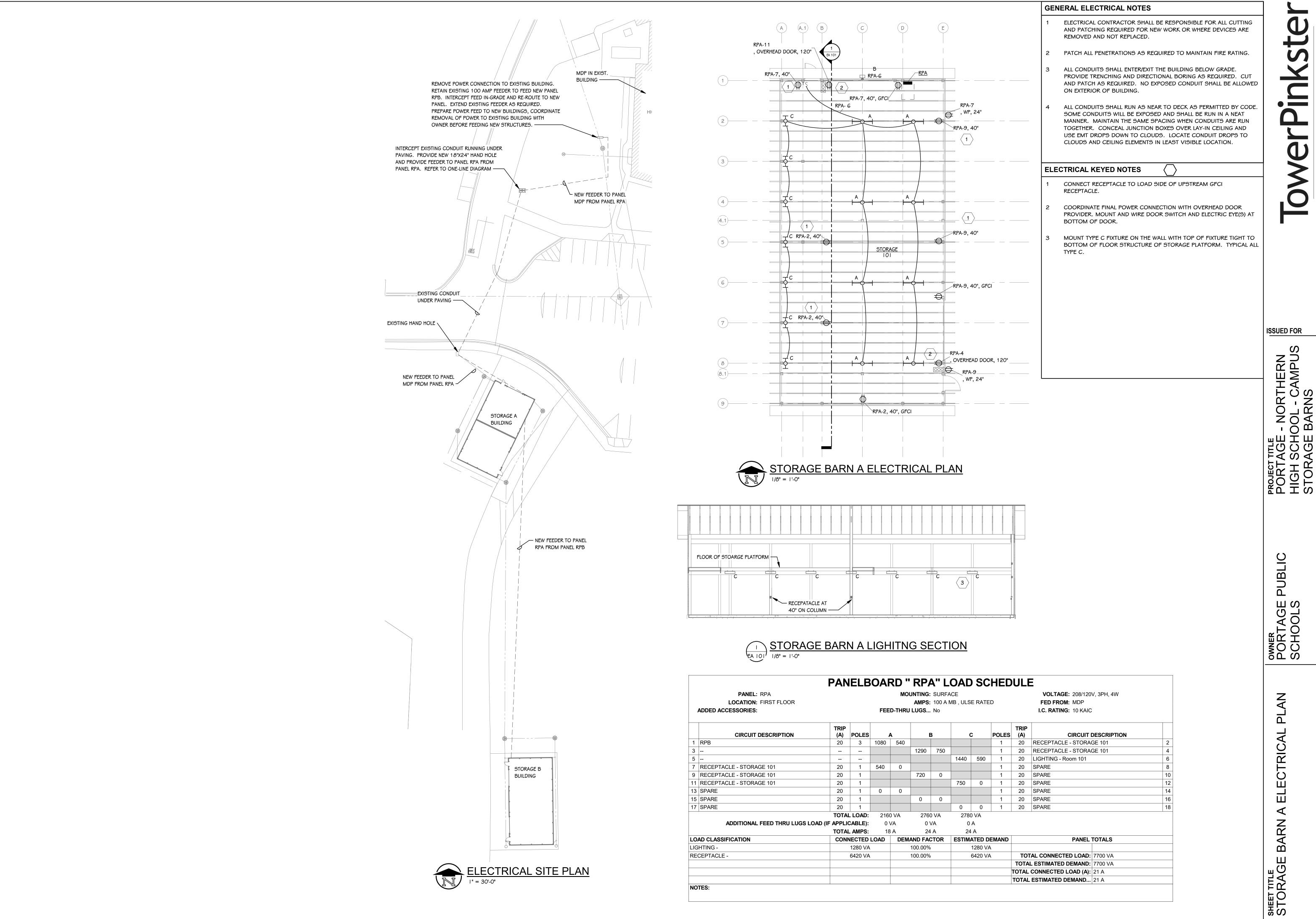
DATE JANUARY 20,

PROJECT TITLE
PORTAGE - NORTHERN
HIGH SCHOOL - CAMPUS
STORAGE BARNS

ISSUED FOR

DATE

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DATE

20,

DATE JANUARY

LIGHT FIXTURE SCHEDULE								
YPE DESCRIPTION MOUNTING WATTS MANUFACTURER								
	INDUSTRIAL STRIP	CHAIN	50 VA	LITHONIA: CLX-L48-7000-SEF-WDL-WD-MVOLT-GZ10-40K-80CRI-WH-HC36				
	LED WALL PACK	WALL	25 VA	LITHONIA: # WST-LED-P2-40K-VF-MVOLT-PIH-COLOR				
	INDUSTRIAL STRIP	CHAIN	20 VA	LITHONIA: CLX-L48-7000-SEF-WDL-WD-MVOLT-GZ10-40K-80CRI-WH-HC36				

ELECTRICAL SYMBOLS

SYMBO	<u>DESCRIPTION</u>	MOUNTING HEIGHTS			
LIGHTI	NG SYMBOLS		POWER	R SYMBOLS	
SD	DIMMER SWITCH	40"	$\overline{}$	PANELBOARD	

DIMMER SWITCH WALL MTD. LIGHT FIXTURE INDUSTRIAL LIGHT FIXTURE **RECEPTACLE SYMBOLS**

DUPLEX RECEPTACLE - WET LOCATION ENCLOSURE WITH GFI

DUPLEX RECEPTACLE

DUPLEX RECEPTACLE - WITH GFI

MOUNT DEVICES AT HEIGHTS INDICATED UNLESS INDICATED OTHERWISE ON PLANS. HEIGHTS ARE TO BOTTOM OF DEVICE.

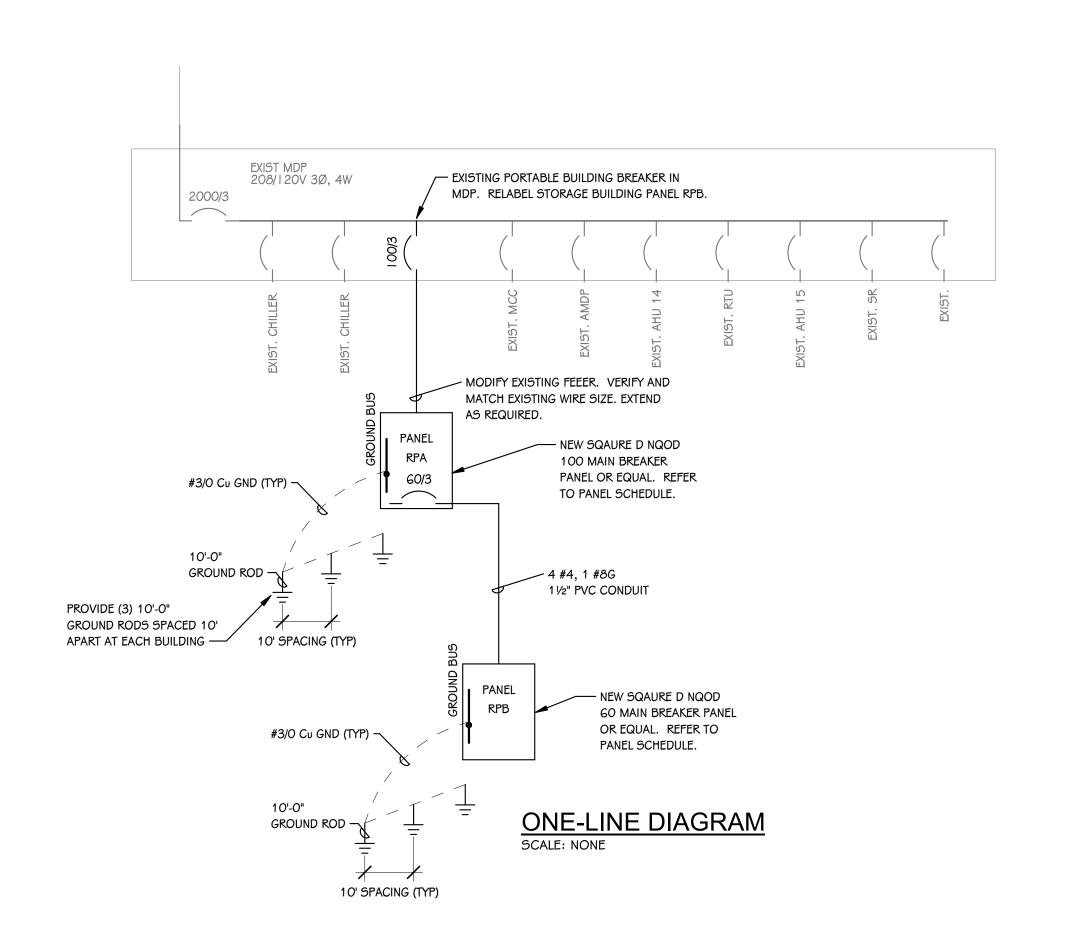
PUSH-BUTTON STATION - 3 HOLE FLUSH IN-GRADE HAND HOLE

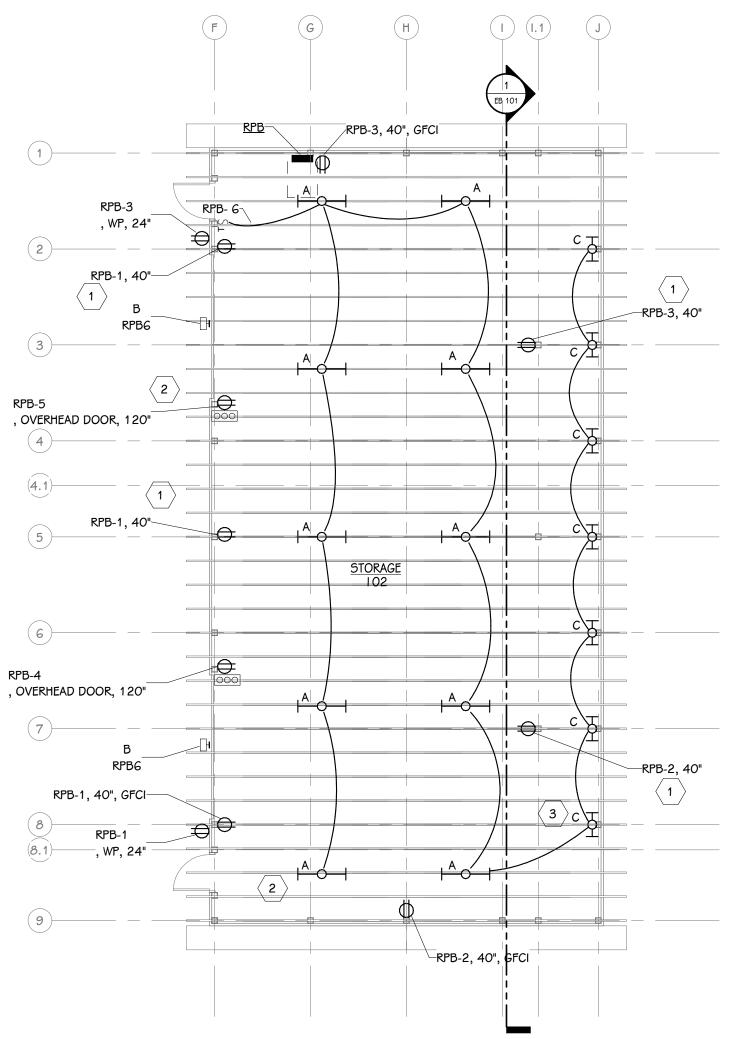
CIRCUIT BREAKER

72" TO TOP

40"

	PAN	ELB	UAI	イレ "	KP	3" L	UAL	SC	HED	UL	=		
PANEL: RPB				MOUNTING: SURFACE						VOLTAGE: 208/120V, 3PH, 4W			
LOCATION: FIRST FLOOR					AMPS:	60 A M	B , ULSE	RATED		FED FROM: RPA			
ADDED ACCESSORIES:		FEED-THRU LUGS No								I.C. RATING: 10 KAIC			
CIRCUIT DESCRIPTION		POLES		Α	В		С		POLES	TRIP (A)	CIRCUIT DESCRIPTION		
1 RECEPTACLE - STORAGE 102	(A) 20	1	720	360					1	20	RECEPTACLE - STORAGE 102		
3 RECEPTACLE - STORAGE 102	20	1			540	750			1	20	RECEPTACLE - STORAGE 102	4	
5 RECEPTACLE - STORAGE 102	20	1					750	690	1	20	LIGHTING - Room 102	6	
7 SPARE	20	1	0	0					1	20	SPARE	8	
9 SPARE	20	1			0	0			1	20	SPARE	10	
11 SPARE	20	1					0	0	1	20	SPARE	12	
13 SPARE	20	1	0	0					1	20	SPARE	14	
15 SPARE	20	1			0							16	
17												18	
·	TOTAL	LOAD:	108	0 VA	1290) VA	1440) VA					
ADDITIONAL FEED THRU LUGS LOAD (I	F APPLIC	CABLE):	0	VA	0 '	VΑ	0	Α					
	TOTAL	TOTAL AMPS:		9 A 11 A		Α	12 A						
LOAD CLASSIFICATION CO		CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		EMAND		PANEL TOTALS			
LIGHTING -	IG - 690 VA		100.00%			690 VA							
RECEPTACLE -		3120 VA			100.00%		3120 VA			TOTAL CONNECTED LOAD: 3810 VA			
										TOTAL ESTIMATED DEMAND: 3810 VA			
								TOTAL CONNECTED LOAD (A): 11 A					
										TOTAL ESTIMATED DEMAND 11 A			





ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED FOR NEW WORK OR WHERE DEVICES ARE REMOVED AND NOT REPLACED.

2 PATCH ALL PENETRATIONS AS REQUIRED TO MAINTAIN FIRE RATING.

ALL CONDUITS SHALL ENTER/EXIT THE BUILDING BELOW GRADE. PROVIDE TRENCHING AND DIRECTIONAL BORING AS REQUIRED. CUT AND PATCH AS REQUIRED. NO EXPOSED CONDUIT SHALL BE ALLOWED ON EXTERIOR OF BUILDING.

ALL CONDUITS SHALL RUN AS NEAR TO DECK AS PERMITTED BY CODE. SOME CONDUITS WILL BE EXPOSED AND SHALL BE RUN IN A NEAT MANNER. MAINTAIN THE SAME SPACING WHEN CONDUITS ARE RUN TOGETHER. CONCEAL JUNCTION BOXES OVER LAY-IN CEILING AND USE EMT DROPS DOWN TO CLOUDS. LOCATE CONDUIT DROPS TO CLOUDS AND CEILING ELEMENTS IN LEAST VISIBLE LOCATION.

ELECTRICAL KEYED NOTES

GENERAL ELECTRICAL NOTES

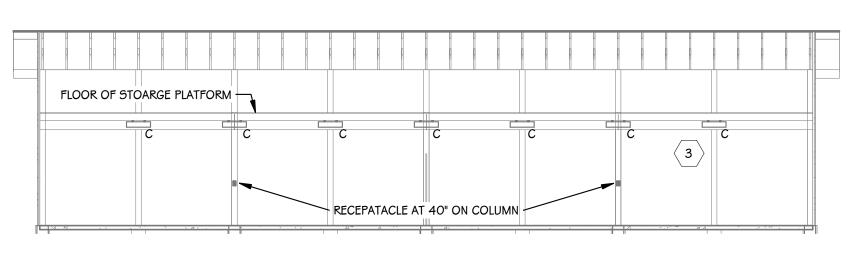
CONNECT RECEPTACLE TO LOAD SIDE OF UPSTREAM GFCI RECEPTACLE.

COORDINATE FINAL POWER CONNECTION WITH OVERHEAD DOOR PROVIDER. MOUNT AND WIRE DOOR SWITCH AND ELECTRIC EYE(S) AT BOTTOM OF DOOR.

MOUNT TYPE C FIXTURE ON THE WALL WITH TOP OF FIXTURE TIGHT TO BOTTOM OF FLOOR STRUCTURE OF STORAGE PLATFORM. TYPICAL ALL

STORAGE BARN B ELECTRICAL PLAN

| I/8" = | '-0"



STORAGE BARN B LIGHTING SECTION

DATE JANUARY

SHEET TITLE STORAGE I

ngineering

ISSUED FOR

PROJECT TITLE
PORTAGE - NORTHERN
HIGH SCHOOL - CAMPUS
STORAGE BARNS