

NEW MATERIALS SHED & RECYCLE CENTER
March 30, 2023

BASE PLAN FOR
KIMBALL UNION ACADEMY FACILITIES & OPERATIONS
 MERIDEN, NEW HAMPSHIRE

PERMIT
 April 7, 2023

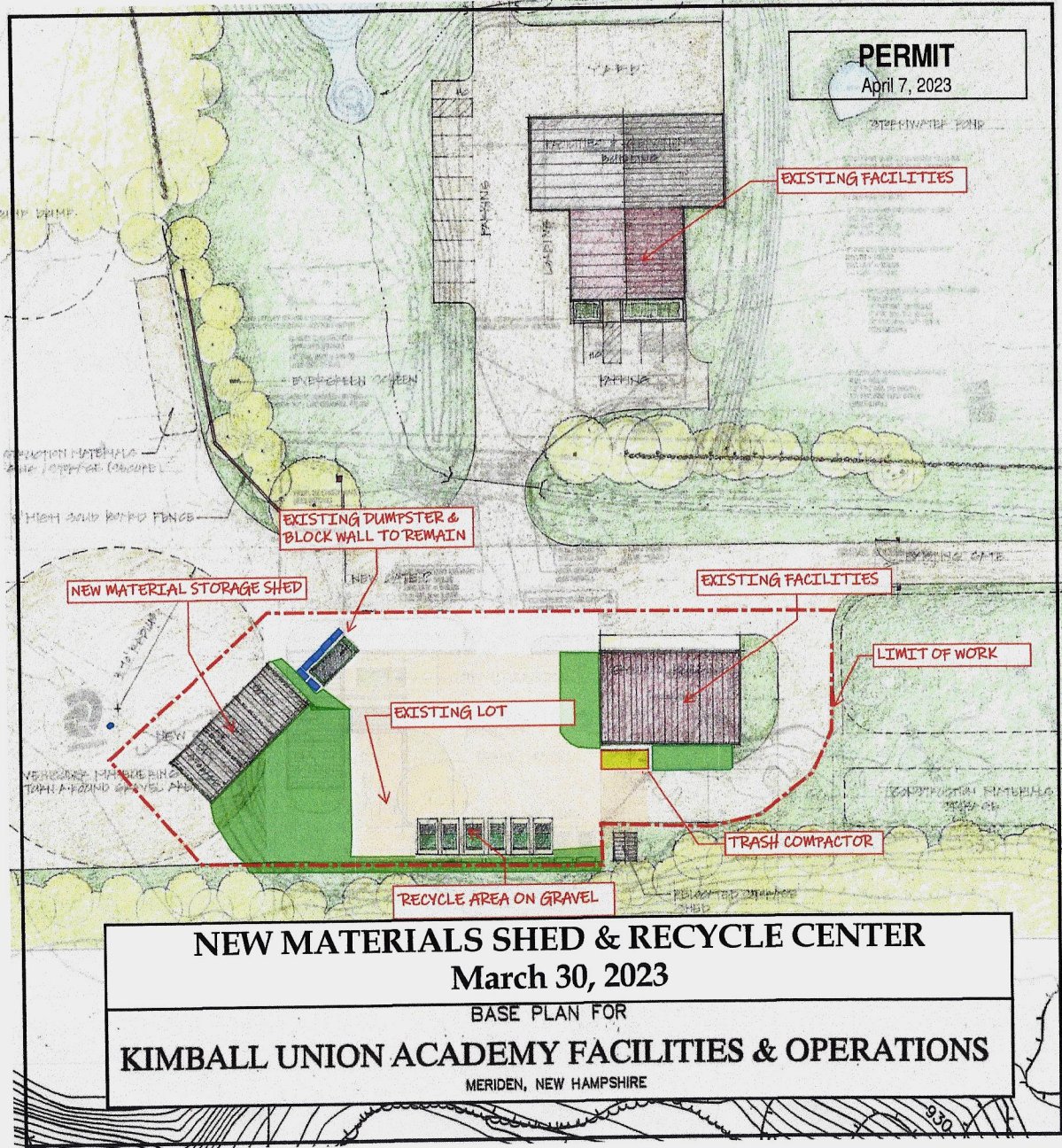
PATHWAYS CONSULTING, LLC
 240 MECHANIC STREET, SUITE 100
 LEBANON, NEW HAMPSHIRE 03786
 (603) 448-2200

SCALE: 1" = 40'
 DESIGNED BY:
 DRAWN BY: PAB
 CHECKED BY:
 DATE: 08/22
 PROJ. NO. 10894

REVISION NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY	APPROVED BY

JUN 14, 2023

 SHEET



PERMIT
April 7, 2023

NEW MATERIALS SHED & RECYCLE CENTER
March 30, 2023
BASE PLAN FOR
KIMBALL UNION ACADEMY FACILITIES & OPERATIONS
MERIDEN, NEW HAMPSHIRE



Date: _____
 Description: _____
 No. _____



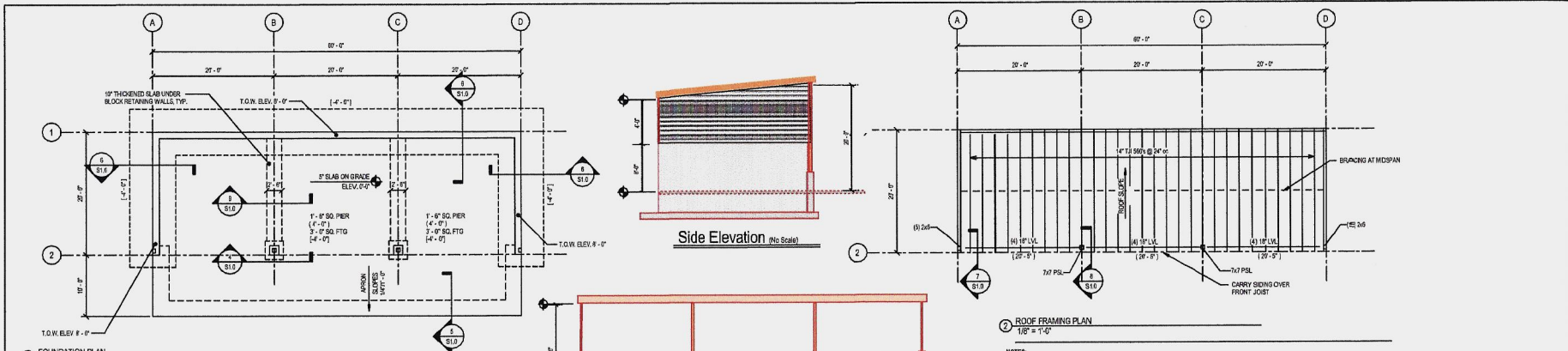
KIMBALL UNION ACADEMY
 7 CAMPUS CENTER DR
 MERIDEN, NH 03770

PLANS, DETAILS
 KUA MATERIAL S STORAGE SHED

Sheet No.: _____
 Project No.: _____
 Designed By: BN
 Checked By: BN
 Drawn By: TTP
 Scale: _____
 Date: 2023-03-31

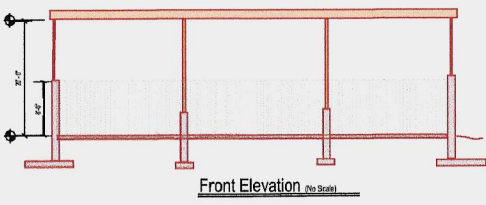
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S1.0
 EV Project #23118



1 FOUNDATION PLAN
 1/8" = 1'-0"

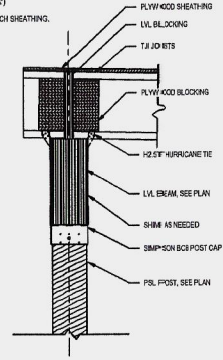
- NOTES:
 1. SLAB-ON-GRADE ELEVATION 0'-0"
 2. (XX-XX) INDICATES TOP OF FOOTING ELEVATION
 3. (XX-XX') INDICATES TOP OF PIER ELEVATION



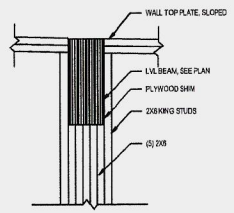
Front Elevation (No Scale)

2 ROOF FRAMING PLAN
 1/8" = 1'-0"

- NOTES:
 1. ELEVATIONS SHOWN REFERENCE TO G.SLAB ELEV. 0'-0"
 2. FRAMING ELEVATION = 20'-0" UNLESS OTHERWISE NOTED BY (XX-XX)
 3. (P) METAL ROOF BY OWNER
 4. (D) WALL CONSTRUCTION TO BE 2X6 SPP No.12 @ 24" oc W/ 1/2" ADVANTECH SHEATHING.
 W/ 1/2" ADVANTECH SHEATHING.



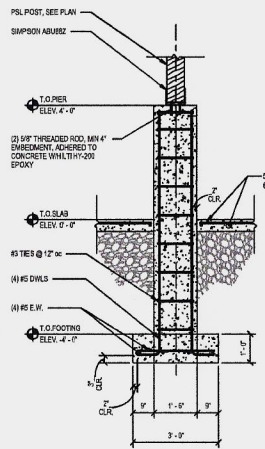
3 LVL TO POST CONNECTION
 1" = 1'-0"



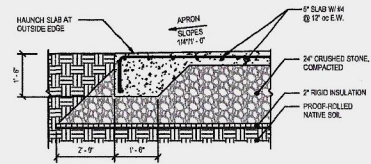
4 LVL TO WALL CONNECTION
 1" = 1'-0"

TABLE 1: CONCRETE MIXTURES								
CONCRETE USAGE	MIN. COMPRESSIVE STRENGTH (F')	CONCRETE TYPE	EXPOSURE CLASSES	MAX. W/CM RATIO	PERMISSIBLE AIR CONTENT	REQUIRED CEMENT REPLACEMENT	MAX. AGGREGATE SIZE	ADDITIONAL REMARKS
COMBINED FOOTINGS, CONTINUOUS FOOTINGS, BREAK FOOTINGS	3,000 psi AT 56 DAYS	NWC	C1, F3	NA	NA	0-7%	1-1/2"	
FOUNDATION WALLS, COLUMNS AND PIERS	4,000 psi AT 28 DAYS	NWC	C1, F1	0.45	4.5% ± 0.5%	0-5%	1-1/2"	
EXTERIOR SLAB-ON-GRADE	4,000 psi AT 56 DAYS	NWC	C2, F2	0.40	5.5% ± 0.5%	15-25%	1-1/2"	

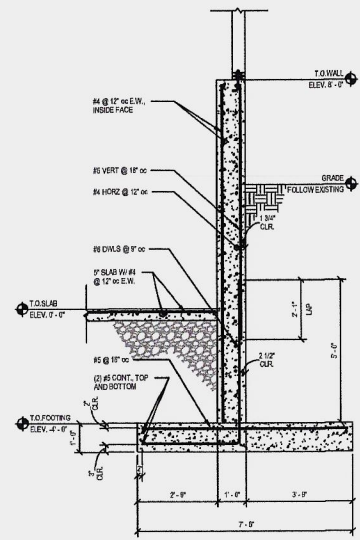
3 CONCRETE MIXTURES
 1 1/2" = 1'-0"



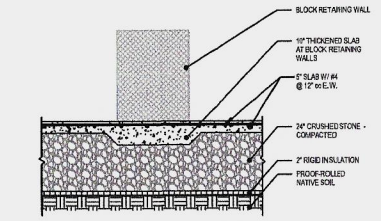
4 PIER ELEVATION
 1/2" = 1'-0"



5 SLAB ON GRADE DETAIL
 1/2" = 1'-0"



6 RETAINING WALL SECTION
 1/2" = 1'-0"



7 SLAB ON GRADE DETAIL
 1/2" = 1'-0"






KUA - Materials Shed & Recycle Center

Proposed Location

PERMIT

April 7, 2023

Legend

-  Akerstrom Ice Arena - Kimball Union Academy
-  Kimball Union Academy
-  Kimball Union Academy
-  Meriden Congregational Church
-  Meriden Deli Mart

