



# MINOR SITE PLAN FOR:

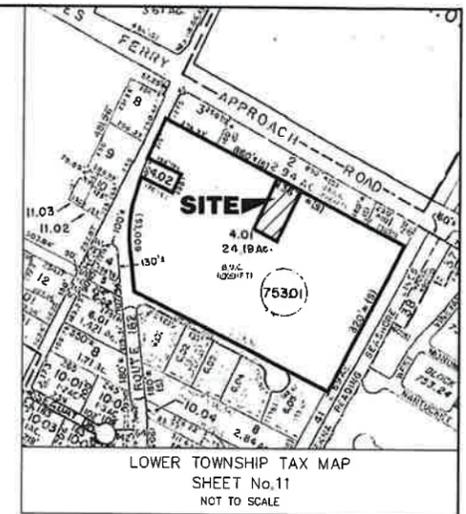
# CARL T. MITNICK SCHOOL

# BLOCK 753.01 LOT 4.01

## (TAX MAP NOS.)

# LOWER TOWNSHIP

# CAPE MAY COUNTY, N.J.



SHEET INDEX
1. OVERVIEW SHEET
2. EXISTING CONDITIONS SHEET
3. PROPOSED CONDITIONS SHEET
4. DETAILS SHEET

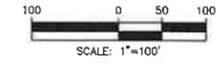
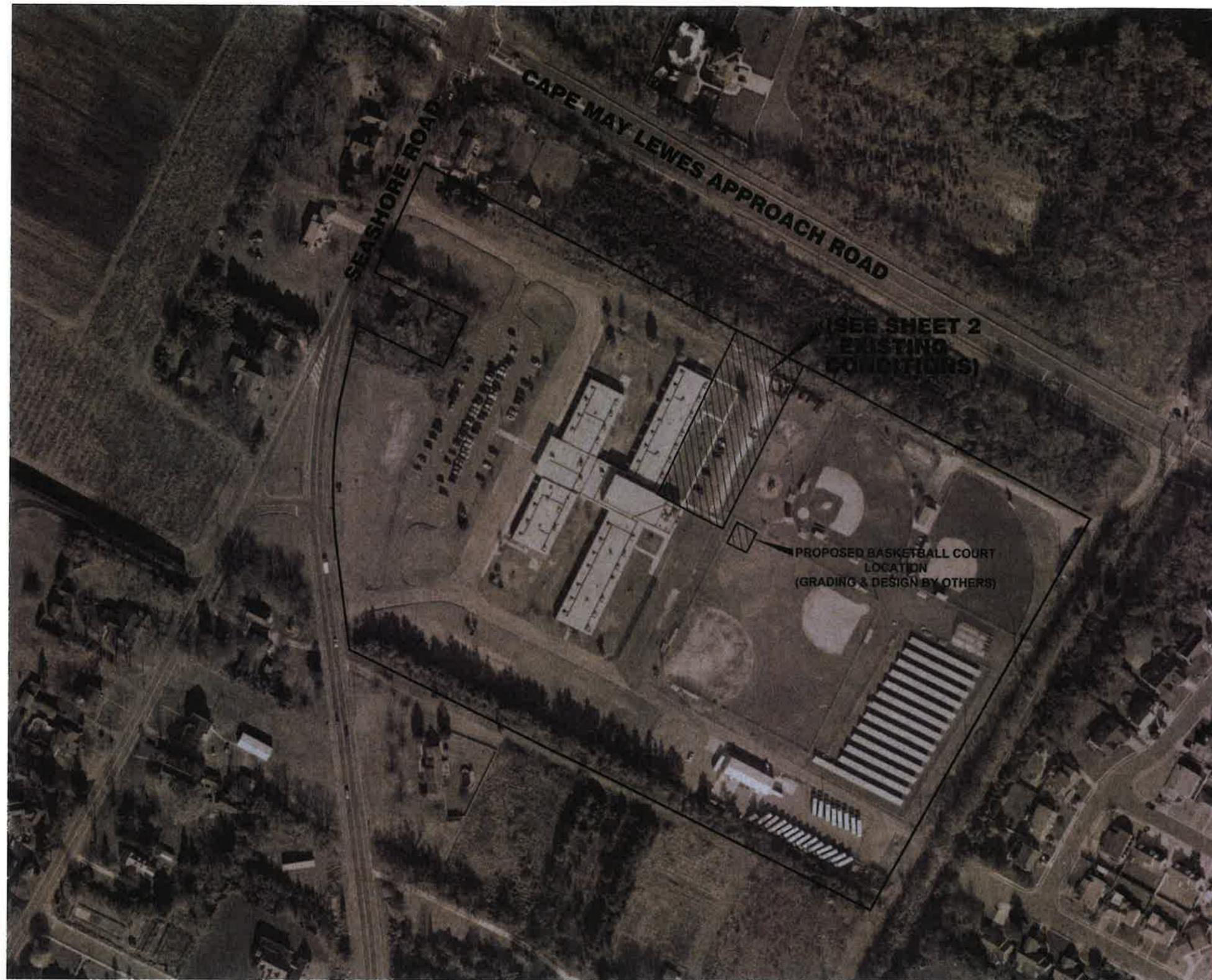


- Since 1954 -

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[www.vannoteharvey.com](http://www.vannoteharvey.com) Certificate of Authorization  
 No. 240A28271500

STATE PLAN # 2840-080-20-1000  
ISSUED TO DOE 3-4-2020

SIGNATURES:	
	Superintendent
	Board President
	NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 2471



NOTES:  
 LOCATION OF UTILITIES IS BASED UPON BEST AVAILABLE INFORMATION AND PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS IN THE FIELD. THE LEAST OF WHICH SHALL BE BY TELEPHONING GARDEN STATE UNDERGROUND PLANT LOCATION SERVICE AT 1-800-272-1000.

THIS SET OF PLANS HAS BEEN PREPARED FOR PURPOSES OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED ON THE DRAWINGS AND EACH DRAWING HAS BEEN REVISIONED TO INDICATE "ISSUED FOR CONSTRUCTION".

STATE PLAN # 2840-080-20-1000  
 ISSUED TO DOE 3-4-2020

SIGNATURES:

*[Signature]* Superintendent  
*[Signature]* Board President  
*[Signature]* NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 34797

REV.	DESCRIPTION	DATE	DFT. BY	CKD. BY
1	ADD BASKETBALL COURT LOCATION	2/21/20	A.C.F.	Y.P.

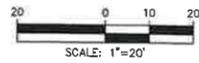
*[Signature]*  
 DATE OF SIGN. 02-20-2020

**THOMAS B. PARK**  
 NEW JERSEY PROFESSIONAL LAND SURVEYOR LIC. NO. 34754

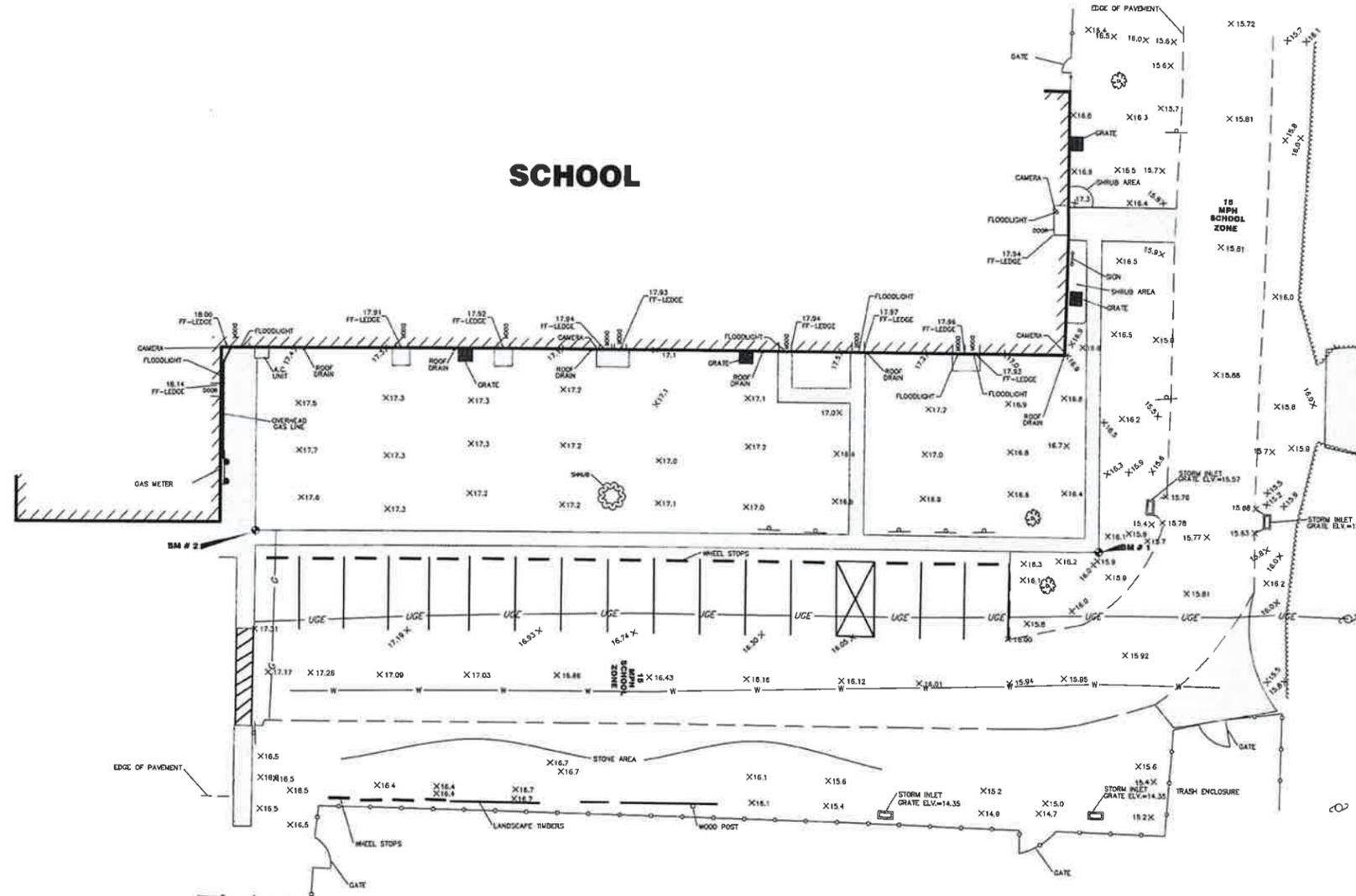
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OVERVIEW PLAN FOR:  
**CARL T. MITNICK SCHOOL**  
**BLOCK 753.01 LOT 4.01**  
 (TAX MAP NOS.)  
**LOWER TOWNSHIP**  
 CAPE MAY COUNTY, N.J.

DRAWN BY	ACF	FIELD BK	ORDER No.	FILE No.	SHEET No.
CHECKED BY	TP	PAGE	44718-400-21		1



# SCHOOL



### LEGEND

	CONCRETE
	EDGE OF PAVEMENT
	CHAIN LINK FENCE
	VEGETATION LINE
	UTILITY POLE
	UTILITY POLE W/ LIGHT
	REGULATORY SIGN
	BOLLARD
	LANDSCAPE TIMBERS
	GAS
	UNDERGROUND ELECTRIC
	WATER
	TREE

### BENCH MARKS

- # 1 CORNER OF CONCRETE SIDEWALK ELEVATION = 16.20
- # 2 CORNER OF CONCRETE SIDEWALK ELEVATION = 17.73

**NOTE:**  
LOCATIONS SHOWN HEREON WERE TAKEN FROM GPS OBSERVATIONS PERFORMED 1/20/20 REFERENCING NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NCSORS) CORS ID NJCM PID 013828 (GEOD128).

**DATUM:**  
NORTH AMERICAN VERTICAL DATUM (NAVD) 1988

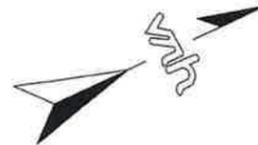
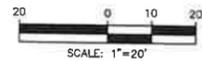
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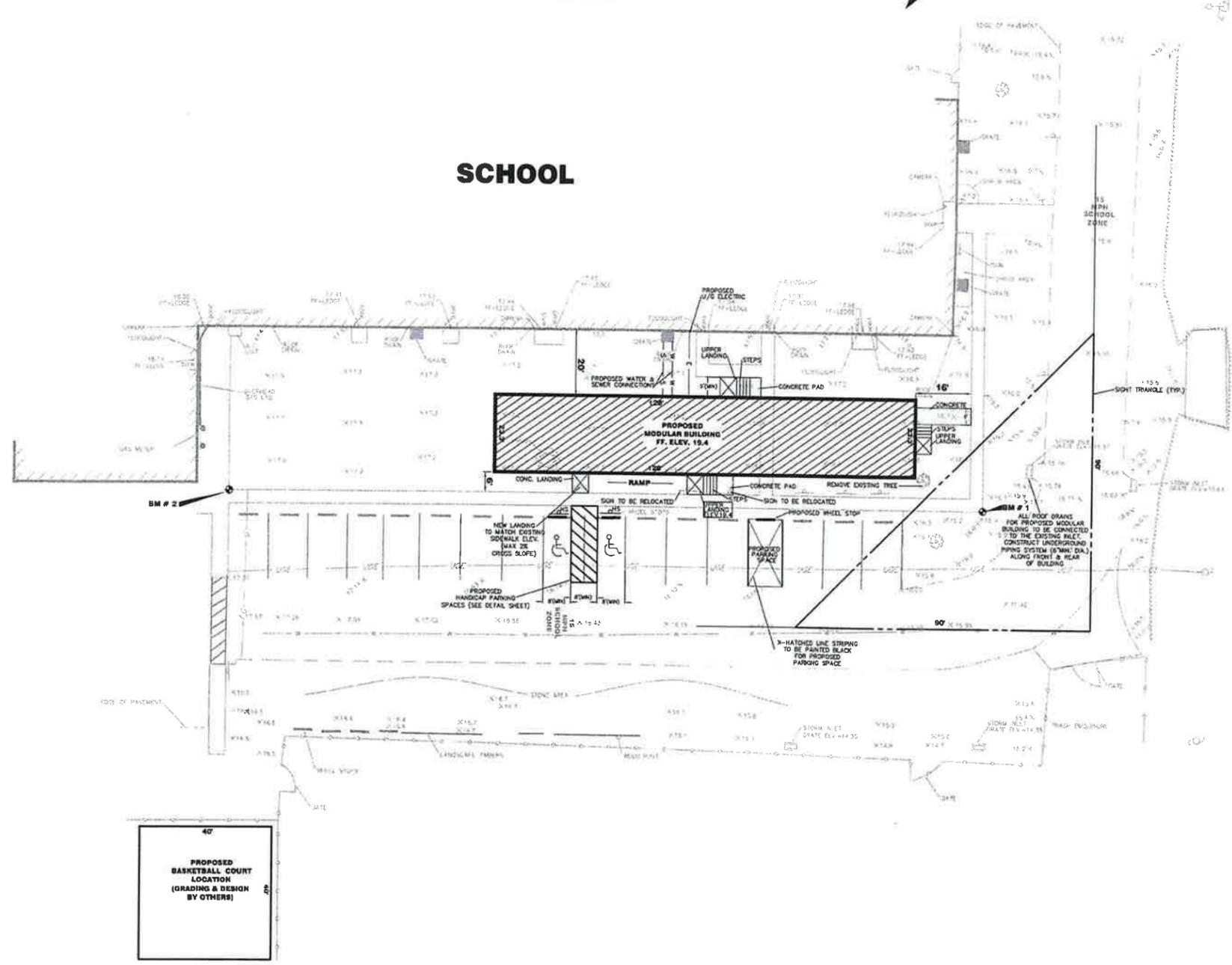
STATE PLAN # 2840-080-20-1000  
ISSUED TO DOE 3-4-2020

<b>SIGNATURES:</b>	
	Superintendent
	Board President
M. J. DeLuca NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 3077	

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EXISTING CONDITIONS PLAN FOR: <b>CARL T. MITNICK SCHOOL</b> <b>BLOCK 753.01 LOT 4.01</b> (TAX MAP NOS.) <b>LOWER TOWNSHIP</b> CAPE MAY COUNTY, N.J.	
REV. DESCRIPTION DATE DFT. BY CKD. BY   02-20-2020 DATE OF SIG.	DRAWN BY ACF FIELD BK ORDER No. FILE No. SHEET No. CHECKED BY TP PAGE 44718-400-21 <b>2</b>
<b>THOMAS B. PARK</b> NEW JERSEY PROFESSIONAL LAND SURVEYOR LIC. NO. 34758	



# SCHOOL



### LEGEND

	CONCRETE
	EDGE OF PAVEMENT
	CHAIN LINK FENCE
	VEGETATION LINE
	UTILITY POLE
	UTILITY POLE W/ LIGHT
	REGULATORY SIGN
	BOLLARD
	LANDSCAPE TIMBERS
	GAS
	UNDERGROUND ELECTRIC
	WATER
	TREE
	PROPOSED HANDICAPPED SIGN(SEE DETAIL SHEET)

### BENCH MARKS

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- # 2 CORNER OF CONCRETE SIDEWALK ELEVATION = 17.73

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<b>SIGNATURES:</b>	
	Superintendent
	Board President
	NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 24787

PROPOSED BASKETBALL COURT LOCATION (GRADING & DESIGN BY OTHERS)

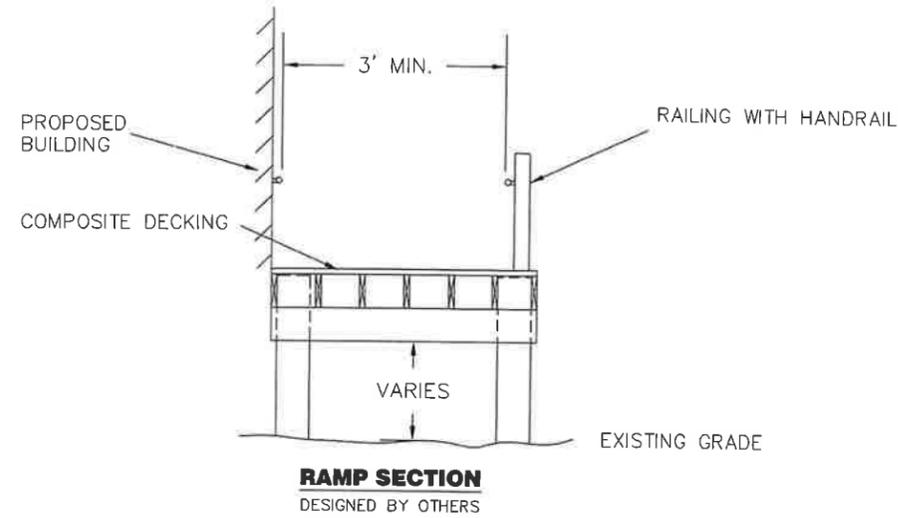
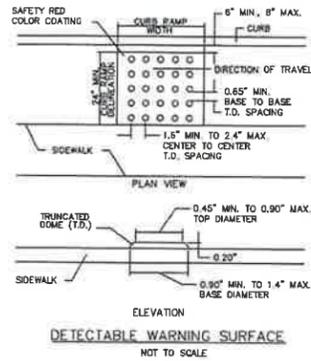
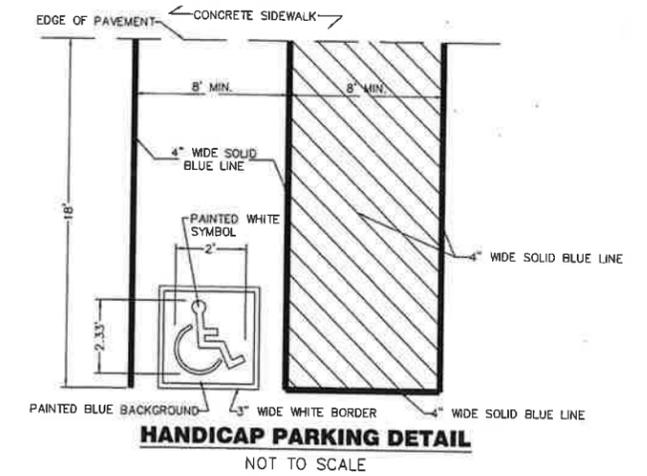
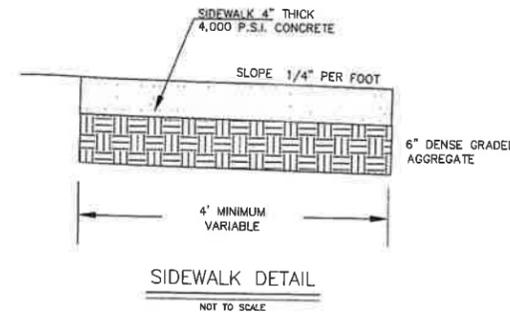
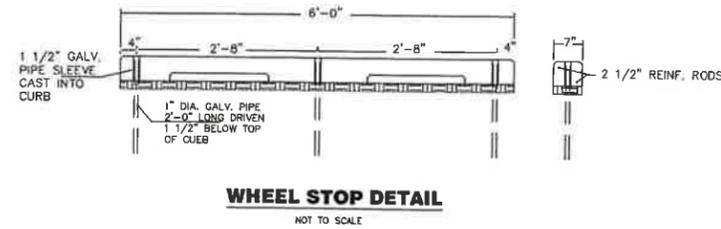
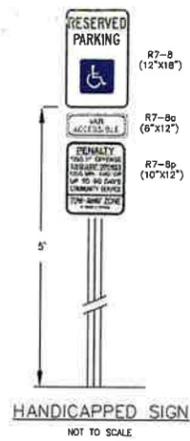
REV.	DESCRIPTION	DATE	DPT. BY	CHK. BY
1	ADD BASKETBALL COURT LOCATION	2/21/20	AC.F	BSG

DATE OF SIGN: 02-20-2020  
**BRUCE S. GRAHAM**  
 NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 24787

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PROPOSED CONDITIONS PLAN FOR:  
**CARL T. MITNICK SCHOOL**  
**BLOCK 753.01 LOT 4.01**  
 (TAX MAP NOS.)  
**LOWER TOWNSHIP**  
 CAPE MAY COUNTY, N.J.

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	Board President
	NEW JERSEY PROFESSIONAL ENGINEER LIC. NO. 24787

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**BRUCE S. GRAHAM**  
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DETAIL PLAN FOR:  
**CARL T. MITNICK SCHOOL**  
**BLOCK 753.01 LOT 4.01**  
(TAX MAP NOS.)  
**LOWER TOWNSHIP**  
CAPE MAY COUNTY, N.J.

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ATTENTION LOCAL INSPECTIONS DEPARTMENT

SITE INSTALLED ITEMS

THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY THE MANUFACTURER, HAVE NOT BEEN INSPECTED BY RADCO AND ARE NOT CERTIFIED BY THE STATE MODULAR LABEL. NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIAL THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL. CODE COMPLIANCE MUST BE DETERMINED AT THE LOCAL LEVEL.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. FIRE ALARM
5. ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS
7. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATELINE(S) - (MULTI-UNITS ONLY).
8. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
9. EXIT DISCHARGE LIGHTING (INCLUDING EMERGENCY)
10. WINDOW AND DOOR HIGH WIND STORM COVERINGS (PER CODE) SEE GENERAL NOTE 8.
11. INTERIOR WALLS AND DOORS (SEE FLOOR PLAN)
12. WINDOWS (SEE FLOOR PLAN)
13. FLOOR FINISH, WALL FINISH, CEILING FINISH
14. WALL INSULATION
15. ALL ELECTRICAL AND COMPONENTS
16. ALL MECHANICAL AND COMPONENTS

NOTE:

- ENERGY CALCULATION AND COMCK SHALL BE PROVIDED ON SITE TO MEET SITE BUILT CONDITIONS.
- SHEARWALL CALCULATIONS AND SHEARWALL SHALL BE PROVIDED ALONG WITH THE SITE BUILT WALL CONSTRUCTION.
- PLUMBING AND ACCESSIBILITY: BUILDING MUST MEET REQUIREMENTS FOR MINIMUM PLUMBING FACILITIES AND ACCESSIBILITY ON SITE

GENERAL NOTES:

1. ACCESS TO BUILDING FOR PERSONS IN WHEELCHAIRS IS DESIGNED BY AND FIELD BUILT BY OTHERS AND SUBJECT TO LOCAL JURISDICTION APPROVAL. THE PRIMARY ENTRANCE MUST BE ACCESSIBLE.
2. ALL DOORS SHALL BE OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT. MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.
3. ALL GLAZING WITHIN A 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
4. ALL STEEL STRAPS REFERENCED ON FLOOR PLAN SHALL BE 1.5 INCH x 26 GA. WITH 7 - 15 GA. x 7/16 INCH CROWN x 1 INCH STAPLES EACH END OF STRAP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN, AND COLUMN TO FLOOR.
5. PORTABLE FIRE EXTINGUISHER PER N.F.P.A. - 10 INSTALLED BY OTHERS ON SITE, AND SUBJECT TO LOCAL JURISDICTION.
6. PROVISIONS FOR EXIT DISCHARGE LIGHTING ARE THE RESPONSIBILITY OF THE BUILDING OWNER AND SUBJECT TO LOCAL JURISDICTION APPROVAL WHEN NOT SHOWN ON THE FLOOR PLAN (INCLUDING EMERGENCY LIGHTING, WHEN REQUIRED).
7. WHEN LOW SIDES OF ROOF PROVIDE LESS THAN 6" OF OVERHANG, GUTTERS AND DOWN SPOUTS SHALL BE SITE INSTALLED, DESIGNED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
8. IN WIND-BORNE DEBRIS REGIONS, EXTERIOR GLAZING SHALL BE IMPACT RESISTANT OR PROTECTED WITH AN IMPACT RESISTANT COVERING MEETING THE REQUIREMENTS OF AN APPROVED IMPACT RESISTANT STANDARD, OR ASTM E1996. WIND-BORNE DEBRIS REGIONS ARE DESIGNATED IN SECTION 1609 OF THE IBC.
9. WINDOWS AND DOORS MUST BE CERTIFIED FOR COMPLIANCE WITH THE WIND DESIGN PRESSURE FOR COMPONENTS AND CLADDING.
10. STRUCTURAL DETAILS NOT INCLUDED IN THIS PLAN SET ARE TO BE CONSTRUCTED ACCORDING TO THE MANUFACTURERS STATE APPROVED BUILDING SYSTEM MANUAL.
11. A FIRE ALARM MUST BE SITE INSTALLED BY OTHERS, SUBJECT TO APPROVAL BY AUTHORITY HAVING JURISDICTION.

STRUCTURAL LOAD LIMITATIONS

RISK CATEGORY: II

FLOOR LIVE LOAD:  
 A. 40 PSF  
 B. 1000 LB. CONCENTRATED LOAD OVER 30 INCH x 30 INCH AREA LOCATED ANYWHERE ON FLOOR

ROOF LIVE LOAD:  
 A. 20 PSF

ROOF SNOW LOAD:  
 A.  $P_g = 35$  PSF GROUND SNOW LOAD  
 B.  $P_f = 27.3$  PSF FLAT ROOF SNOW LOAD  
 C.  $C_e = 1.0$  SNOW EXPOSURE FACTOR  
 D.  $I_s = 1.0$  SNOW IMPORTANCE FACTOR  
 E.  $C_t = 1.1$  SNOW THERMAL FACTOR

WIND LOAD: ASCE 7-10  
 A. 120 MPH Vult WIND SPEED  
 B. 93 MPH Voad  
 C. C WIND EXPOSURE CATEGORY  
 D.  $G_C p_i = 0.18$  INTERNAL PRESSURE COEFFICIENT  
 E. Pr: ZONE 1: 18.8 PSF Pw: ZONE 4: 20.4 PSF  
 ZONE 2: 31.6 PSF ZONE 5: 25.2 PSF  
 ZONE 3: 47.5 PSF

F. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.

SEISMIC LOAD:  
 A.  $I_e = 1.0$  SEISMIC IMPORTANCE FACTOR  
 B. D SITE CLASS  
 C. A13 SEISMIC FORCE RESISTING SYSTEM.  
 D. C SEISMIC DESIGN CATEGORY  
 E. EQUIVALENT LATERAL FORCE ANALYSIS PROCEDURE  
 F.  $S_a = 0.537$  MAPPED SPECTRAL RESPONSE COEF.  
 G.  $S_1 = 0.285$  MAPPED SPECTRAL RESPONSE COEF.  
 H.  $S_{ds} = 0.49$  SPECTRAL RESPONSE COEFFICIENT  
 I.  $S_{d1} = 0.34$  SPECTRAL RESPONSE COEFFICIENT  
 J.  $V = 6947$  LB DESIGN BASE SHEAR  
 K.  $R = 6.5$  RESPONSE MODIFICATION COEFFICIENT  
 L.  $C_s = 0.08$  SEISMIC RESPONSE COEFFICIENT

FLOOD LOAD:  
 THIS BUILDING IS NOT DESIGNED TO BE LOCATED IN A FLOOD HAZARD AREA.

ATTENTION LOCAL INSPECTIONS DEPARTMENT

ITEMS INSTALLED BY MANUFACTURER

1. EXTERIOR WALL FRAMING AND SHEATHING
2. FLOOR FRAMING, INSULATION AND SUB FLOOR
3. ROOF AND CEILING FRAMING, INSULATION AND INSULATION SUPPORT
4. ROOF SHEATHING, ROOF COVERING, ROOF DIAPHRAGM PER DETAIL

NOTE:

THIS BUILDING STRUCTURE CAN BE MADE TO MEET STRUCTURAL LOAD LIMITATIONS CITED, PROVIDED INTERIOR SHEARWALLS ARE DESIGNED AND INSTALLED IN ACCORDANCE WITH ON SITE ENGINEERS DESIGN.

BUILDING DESIGN PARAMETERS

1. USE/OCCUPANCY: BUSINESS
2. CONSTRUCTION TYPE: VB
3. SPRINKLER SYSTEM: NO
4. BUILDING AREA: 2800 S.F.
5. BUILDING HEIGHT: 15 FEET
6. NUMBER OF STORIES: 1
7. NUMBER OF MODULES: 4
8. OCCUPANT LOAD 28 BASED ON 100 F/PERSON
9. EXTERIOR WALL FIRE RATING: NOT RATED
10. THIS BUILDING MUST BE INSTALLED WITH THE FIRE SEPARATION DISTANCES REQUIRED BY IBC TABLE 602 AND SECTION 705.3.
11. ENERGY CODE COMPLIANCE: PROVIDED BY BUILDING OWNER BASED ON SITE BUILT ITEMS
12. MANUFACTURERS DATA PLATE, STATE LABELS AND RADCO LABELS ARE TO BE LOCATED ADJACENT TO ELECTRICAL PANEL.

LIMITATIONS OF APPROVAL

1. THE APPROVAL OF THE PLAN UNDER THE INDUSTRIALIZED BUILDING COMMISSION PROGRAM IS PART OF THE MANUFACTURERS BUILDING SYSTEM APPROVAL.
2. A PLAN FOR EACH SPECIFIC LOCATION MAY NEED TO BE SUBMITTED TO THE LOCAL AUTHORITY HAVING JURISDICTION, AS MAY BE REQUIRED FOR PERMITTING PURPOSES. THE PERMIT SET MAY NEED TO INCLUDE A FOUNDATION PLAN FOR THE SPECIFIC BUILDING SITE, SIGNED AND SEALED BY A N.J. LICENSED ENGINEER OR ARCHITECT, IN ACCORDANCE WITH THE STATE AND LOCAL REQUIREMENTS.

CODE SUMMARY:

STATE	BUILDING	ELECT.	MECHANICAL	PLUMBING	ACCESSIBILITY	ENERGY CODE
NEW JERSEY	2015 IBC W/ N.J. AMENDS	2014 NEC W/N.J. AMENDS	2015 IMC N.J. AMENDS	2015 NATL. STD PC (NSPC) W/ N.J. AMENDS	ICC/ANSI A117.1-2009	2013 ASHRAE 90.1 W/N.J. AMENDS

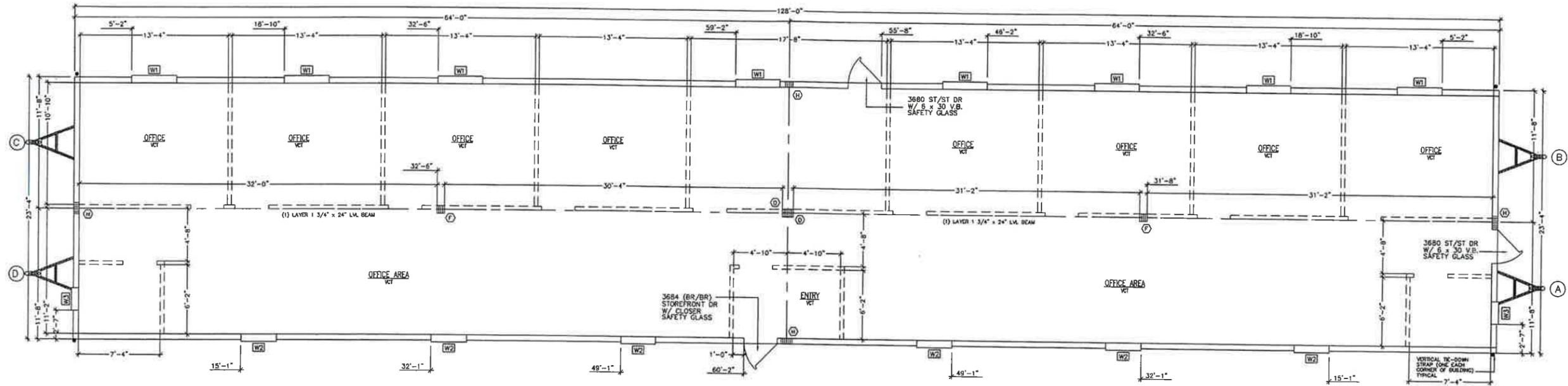
CONSULTING ARCHITECT: ROBERT E. GREGG R.A. - LIC.#15414 - 1008 WOODRUFF AVENUE - CLEARWATER, FL. 33756 - (727) 644-8193

WINDOW & DOOR SPECIFICATIONS

1. THE MAXIMUM ALLOWABLE AIR LEAKAGE RATE FOR EXTERIOR DOORS IS 0.3 CFM PER SQUARE FEET OF DOOR AREA.

		<b>SPECIALIZED STRUCTURES INC.</b> 2400 SPRINGHEAD CHURCH ROAD WILLACOOCHEE, GA 31650 1-912-384-7565 FAX: 1-912-384-4943	
		DATE: 10-21-19 SCALE: AS NOTED CODES: SEE NOTES STATES: NJ	THIRD PARTY: RADCO 5801 BENJAMIN CENTER, SUITE 102 TAMPA, FLORIDA 33634 813-243-0370
SSI5614 A-D 23'-4" x 128'-0" EDUCATION		SHEET 1 OF 4	
COVER SHEET		DESTINATION: LOWER TOWNSHIP	

APPROVED  
**RADCO**  
 FEB. 17, 2020



NOTE:  
DASHED WALLS ARE SITE BUILT  
AND INSTALLED BY OTHERS

WINDOW TYPES	
W1	47 1/2"W x 35 1/2"H 42" AFF
W2	37 1/2"W x 53 1/2"H 36" AFF
W3	23 1/2"W x 17 1/2"H 36" AFF

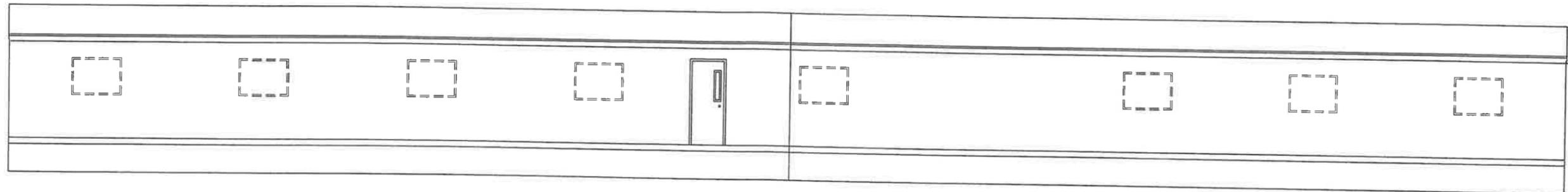
COLUMN STRAPPING SCHEDULE:	
(A) (2) 2x4 SPF #2 THIS HALF.	(B) (2) 2x4 SPF #2 EACH HALF
(C) (3) 2x4 SPF #2 THIS HALF.	(D) (3) 2x4 SPF #2 EACH HALF.
(E) (4) 2x4 SPF #2 THIS HALF.	(F) (4) 2x4 SPF #2 EACH HALF.
(G) (5) 2x4 SPF #2 THIS HALF.	(H) (3) 2x6 SPF #2 EACH HALF.

WITH RIDGE BEAM BEARING STIFFENER

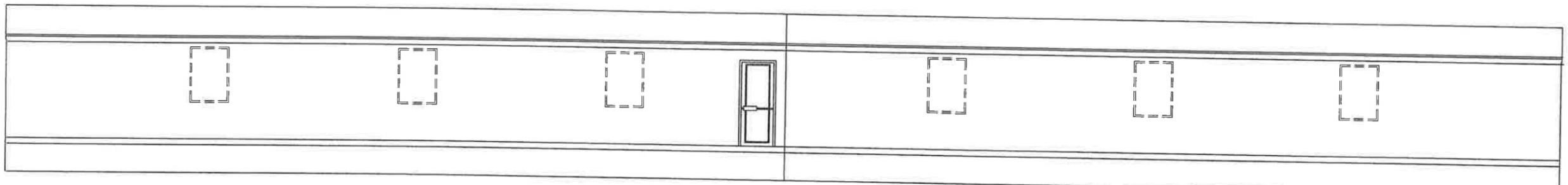
NOTES:  
1. ALL COLUMN STUDS SHALL BE GLUE/NAILED TOGETHER.  
PVA GLUE WITH 100% COVERAGE SHALL BE USED.  
2. INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN.  
3. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.

APPROVED **RADCO** APPROVED  
Feb 17, 2020

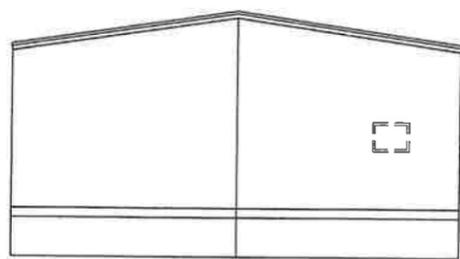
CONSULTING ARCHITECT		ROBERT E. GREGG R.A. - LIC.#15414 - 1008 WOODRUFF AVENUE - CLEARWATER, FL. 33756 - (727) 644-8193	
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		DATE: 10-21-19 SCALE: NO SCALE CODES: SEE NOTES STATES: NJ	THIRD PARTY: RADCO 5801 BENJAMIN CENTER, SUITE 102 TAMPA, FLORIDA 33634 813-243-0370 REVISIONS: BY: R.E.G.
SSI5614 A-D 23'-4" x 128'-0" EDUCATION FLOOR PLAN		SHEET 2 OF 4 DESTINATION: LOWER TOWNSHIP	



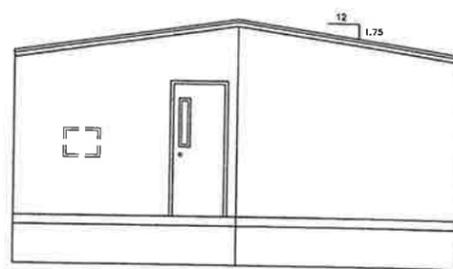
REAR ELEVATION



FRONT ELEVATION



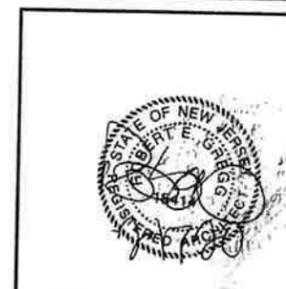
LEFT ELEVATION



RIGHT ELEVATION

ELEVATION NOTES: TYPICAL  
 SEE-CROSS SECTION FOR METHOD OF ROOF VENTILATION  
 ACCESSIBLE RAMP(S), STAIR(S), AND HANDRAILS ARE SITE INSTALLED, DESIGNED BY OTHERS, AND SUBJECT TO LOCAL JURISDICTION.  
 FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150TH OF THE FLOOR AREA, AND AN 18" X 24" MINIMUM CRAWL SPACE ACCESS. SITE INSTALLED BY OTHERS SUBJECT TO LOCAL JURISDICTION.  
 ELEVATIONS SHOWN ON THIS PAGE REPRESENT BASIC COMPONENTS & ARE NOT INTENDED TO BE ALL INCLUSIVE NOR DO THESE ELEVATIONS DETAIL EVERY CODE REQUIRED ASPECT OF THIS BLDG. SITE BUILT STOODS, STEPS, DECKS, PORCHES, HANDRAILS AND/OR SIMILAR ITEMS MUST BE PROVIDED BY OTHERS ON SITE FOR COMPLIANCE WITH APPLICABLE CODES. COMPLIANCE WITH ALL APPLICABLE CODES PER LOCAL AUTHORITY HAVING JURISDICTION, WHETHER DETAILED IN THIS SET OR NOT, MUST BE MET

CONSULTING ARCHITECT ROBERT E. GREGG R.A. - LIC.#15414 - 1008 WOODRUFF AVENUE - CLEARWATER, FL. 33756 - (727) 844-8193



<b>SPECIALIZED STRUCTURES INC.</b> 2400 SPRINGHEAD CHURCH ROAD 1-912-384-7565		WILLAGOOCHEE, GA 31650 FAX: 1-912-384-4943	
DATE: 10-21-19	THIRD PARTY: RADCO	5801 BENJAMIN CENTER, SUITE 102 TAMPA, FLORIDA 33634 813-243-0370	
SCALE: NO SCALE	STATES: NJ	REVISIONS:	BY: R.E.G.
CODES: SEE NOTES	SSI5614 A-D		SHEET
ELEVATIONS		23'-4" x 128'-0" EDUCATION	3 OF 4
DESTINATION: LOWER TOWNSHIP			

APPROVED **RADCO** APPROVED  
 Feb 17, 2020

**INTERIOR FINISH MATERIAL:**

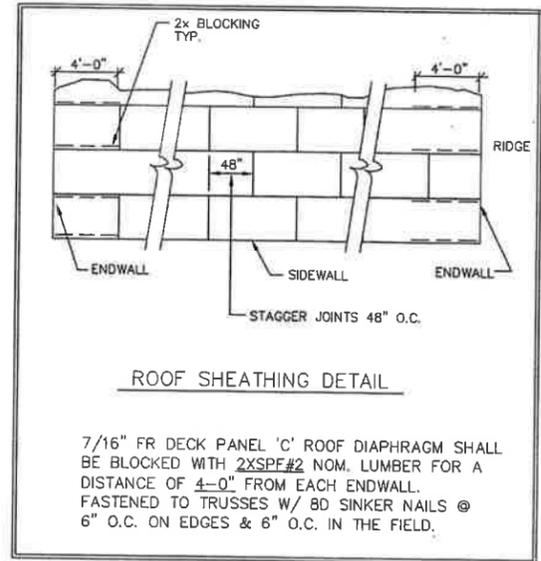
- CEILING - SITE INSTALLED BY OTHERS
- WALL - SITE INSTALLED BY OTHERS
- FLOOR - SITE INSTALLED BY OTHERS
- NOTE: - INTERIOR FINISHES SHALL BE CLASS 'A' FOR EXITS AND OTHER THAN EXITS SHALL BE 'A' OR 'B'

**EXTERIOR FINISH MATERIAL:**

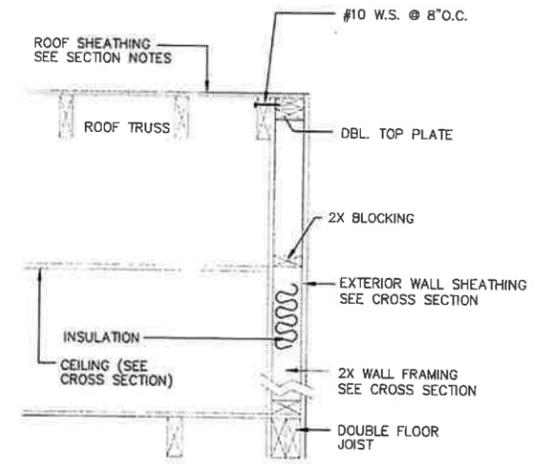
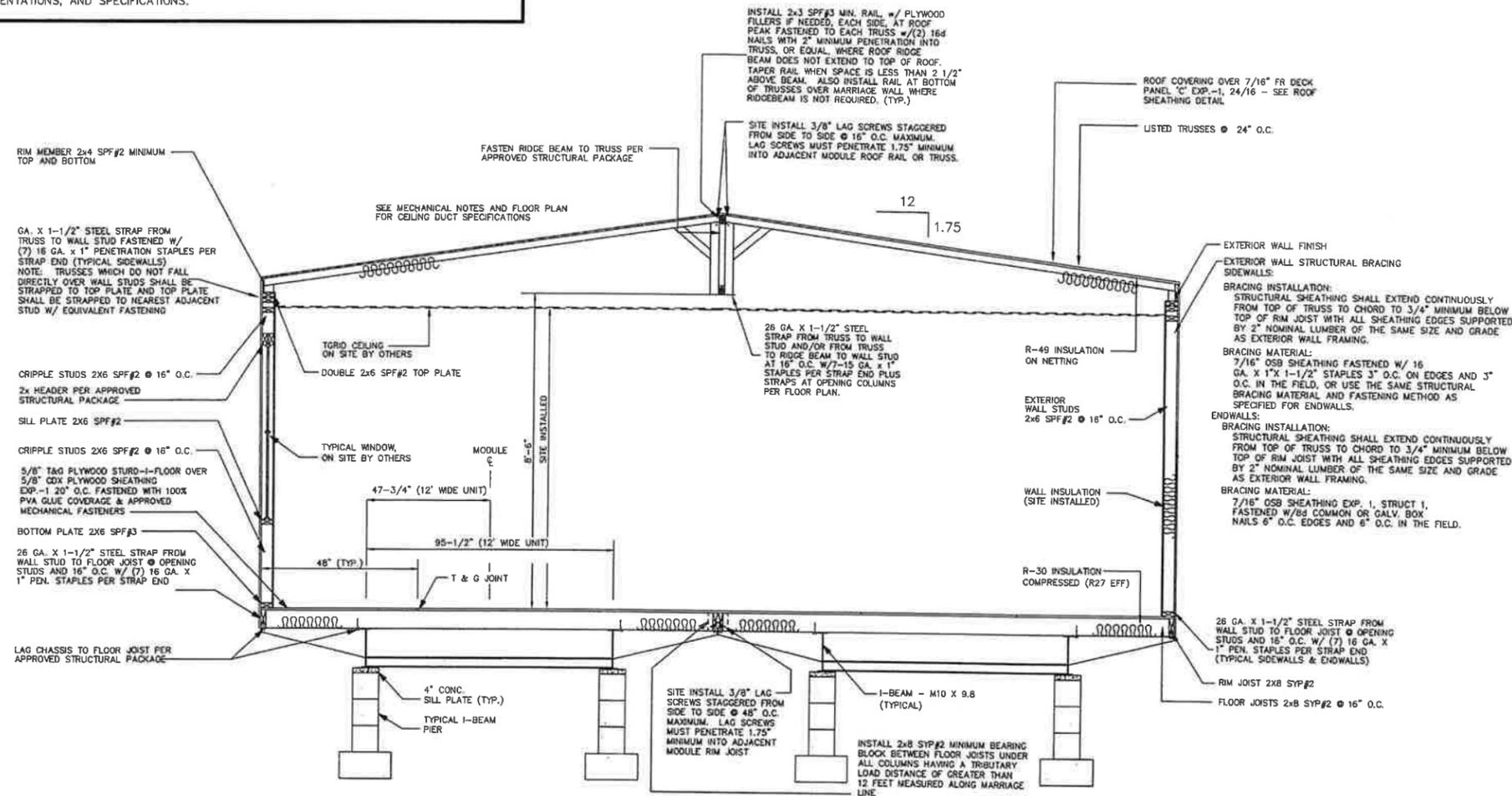
- ROOF - 29 GAUGE HI-RIB STEEL ROOF OVER 30 LB FELT PAPER OVER APPROVED MOISTURE BARRIER INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- WALL - 29 GAUGE HI-RIB STEEL SIDING OVER APPROVED MOISTURE BARRIER INSTALLED PER MANUFACTURERS SPECIFICATIONS

**GENERAL CROSS-SECTION NOTES:**

- UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY W/ ASTM A36. YIELD STRENGTH = 36 KSI.
- ALL LAG SCREWS MUST COMPLY W/ ANSI/ ASME B18.2.1 F<sub>YB</sub> = 60 KSI MINIMUM.
- SEE FOUNDATION PLAN FOR PIER AND TIE-DOWN STRAPPING LOCATIONS, ORIENTATIONS, AND SPECIFICATIONS.



APPROVED TRUSS DESIGN:  
 TRUSS PAGE # : UNIVERSAL  
 TRUSS DRAWING # : SF353902  
 OR ATTACHED DWG.



BALLOON END WALL DETAIL  
 NTS

**MICROLAM BEAM CONSTRUCTION**  
 1 LAYER(S) 1 3/4" x 24" MICROLAM, EACH MODULE.

NOTES:  
 1. MICROLAM F = 2750 PSI  
 2. MICROLAM MUST BE CONTINUOUS OVER CLEARSPAN(S).  
 3. BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.  
 4. FASTEN ROOF SHEATHING INTO TOP EDGE OF MICROLAM TO PROVIDE CONTINUOUS LATERAL SUPPORT OF BEAM.  
 5. INSTALL (2 x 4) X 20" SPF#3 RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMN ON THAT SIDE OF THE MATING LINE MUST BE FASTENED TOGETHER WITH 16 GA. STAPLES X 7/16" MINIMUM CROWN (INSTALLED PARALLEL TO BEAM SPAN) X 3/4" MINIMUM PENETRATION INTO CONNECTING LAYER STAPLES SHALL BE PLACED AT 6" O.C. MAXIMUM VERTICALLY AND HORIZONTALLY WITH FIRST AND LAST ROW OF STAPLES LOCATED 1" FROM TOP AND BOTTOM EDGE OF BEAM RESPECTIVELY.

APPROVED **RADCO** APPROVED  
 FEB. 17, 2020

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 SHEET: 4 OF 4

SS15614 A-D  
 23'-4" x 128'-0" EDUCATION  
 CROSS SECTION DESTINATION: LOWER TOWNSHIP

