

"Quality & Integrity Since 1968"

PE SEALS:

ALL ITEMS THAT ARE
CLOIDED ARE FIELD
INSTALLED

REV	DESCRIPTION	DATE	BY
	PRODUCTION	11/8/11	AM
	CUSTOMER	10/28/11	AM

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Mark Line Industries

NADLER MOBILE OFFICES, LLC
PROJECT NAME: BROOKLYN HEAD START
PLANT LOCATION: EPHRATA, PA

MODEL: E-56104
DATE: 10/10/11
DRAWN BY: AM
DRAWING SCALE: AS NOTED
QUOTE NO.: QTE00009782-E
SERIAL NO.: PA-027990-99
DRAWING NUMBER: S1

NEW YORK CITY

2010	ELECTRICAL CODE OF THE CITY OF NEW YORK
2010	BUILDING CODE OF THE CITY OF NEW YORK
2010	MECHANICAL CODE OF THE CITY OF NEW YORK
2010	PLUMBING CODE OF THE CITY OF NEW YORK
2010	ENERGY CONS. CONST. OF THE CITY OF NEW YORK
2003	ANSI A117.1 HANDICAP CODE

DATA PLATE NOTES:

The below notes to be placed on the data plate

Site contractor is responsible for supplying and/or installing the following items in accordance with the applicable codes:

- Accessible Access to Building
- Crawl Space Ventilation
- Crawl space access opening of 18"x24" minimum (1 square foot per 150 sq. ft. of building area)
- Diagonal Frame Tie Downs and Anchors
- Drinking Facilities
- Supply and Waste Lines Below and/or Outside Building
- Roof Vents, Stacks, and Caps Above Building
- Fire Extinguisher
- 7/16" OSB Window Protection
- Structural Panels Secured With 2 1/2" #8 Wood Screws @ 16" O.C. or Equivalent Fasteners
- NFPA13 Sprinkler
- Fire Alarm System
- Electronic security system and door alarms

DESIGN LOADS

FLOOR LIVE LOAD: PSF:	50
ROOF DEAD LOAD: PSF:	10
ROOF LIVE/SNOW LOAD: PSF:	20
CORRIDOR LIVE LOAD: PSF:	100
IMPORANCE FACTOR: (I)	1.0
EXPOSURE FACTOR: (Ce)	1.0
THERMAL FACTOR: (Ct)	1.1
SEISMIC DESIGN CATEGORY:	A
USE GROUP:	II
RESPONSE COEFFICIENTS:	
(Sps)	0.368
(Sdi)	0.114
SITE CLASS:	D
WOOD FRAME:	
BASE SHEAR: (V):	0.123W

DESIGN CRITERIA

Model:	E-56104
Actual Building Size:	56'-4" x 96'-1"
Building Square Footage:	5412
Occupant Load:	104
Construction Type:	IB SPRINKLED
Occupant Group:	E
Building Location:	BROOKLYN, NY
Height Above Grade:	15'-0" MAXIMUM

DESIGN VALUES

FLOOR U-VALUE:	.058
WALL U-VALUE:	.074
ROOF U-VALUE:	.032
DESIGN TEMPERATURES	
INSIDE: DEGREES:	70
OUTSIDE: DEGREES:	15

INDEX OF INFORMATION

Dwg/Pg #	Description	Dwg. Date	Last Rev. Date
S1	COVER SHEET/BLOCKING	10/11/11	11/8/11
S2	SPECS	10/11/11	6/18/12
A1	ARCHITECTURAL PLAN	10/11/11	1/6/12
A2	ELEVATIONS	10/11/11	1/6/12
E1-E2	ELECTRICAL PLANS/CAOS	10/11/11	11/29/11
H1	HVAC PLAN	10/11/11	11/8/11
D1-D6	DETAILS	10/11/11	1/6/12
P1-P2	PLUMBING	10/11/11	11/16/11

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INSIDE: DEGREES:	70
OUTSIDE: DEGREES:	15

Notes:

The job specifications supersede the detail specifications where there is a conflict.

Exit doors to remain operable during business hours from the inside without the use of a key or any special knowledge.

A 2 1/2" wood shim, corresponding with the finish material thickness, between top and bottom plate bearing surface in lieu of compressible materials, e.g. gypsum or carpet. (Load bearing walls only).

Mechanical ventilation to provide 15 CFM per occupant outside air thru hvac air handler w/ fresh air intake has been provided to meet sec. 403.2 of the mech. code.

Mechanical Ventilation: Required: 1560 CFM
Provided: 1560 CFM

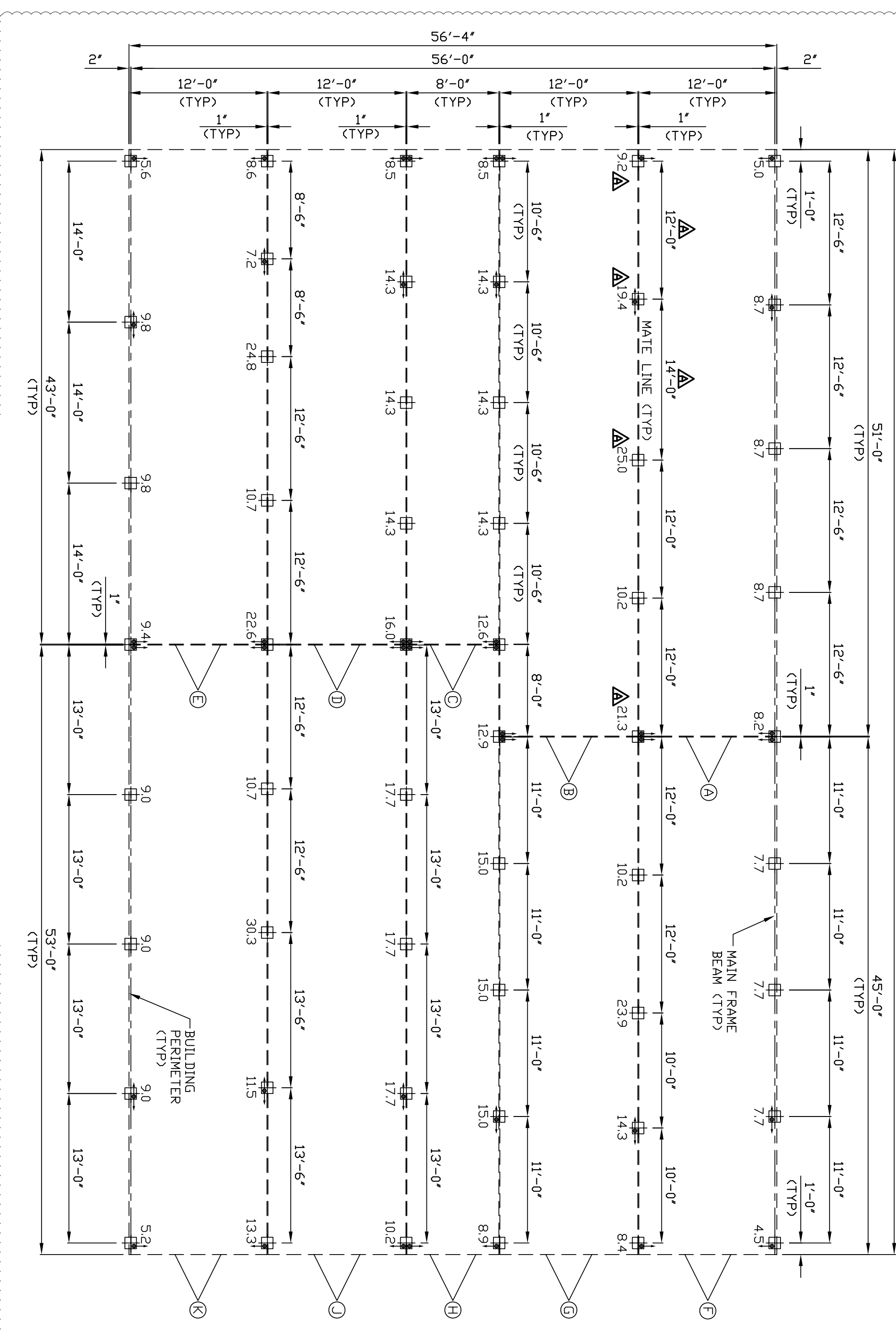
Building shall be located with a fire separation of more than 3 feet from property line.

If a mechanical smoke purge system is required, it will be provided by others at site.

Artificial lighting levels have been provided to meet Sec. 1204.3 of the Building Code.

* This building is limited to Long Island and the following N.Y. state counties: Rockland, Putnam Westchester & Orange.

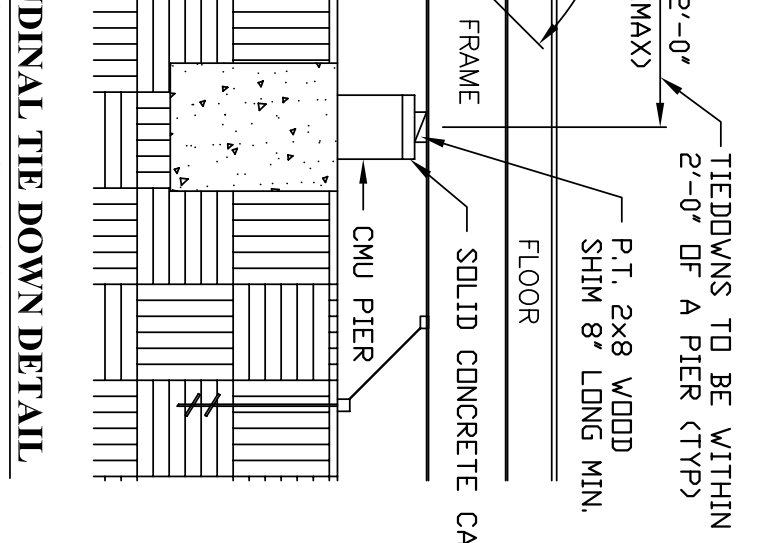
96'-1"



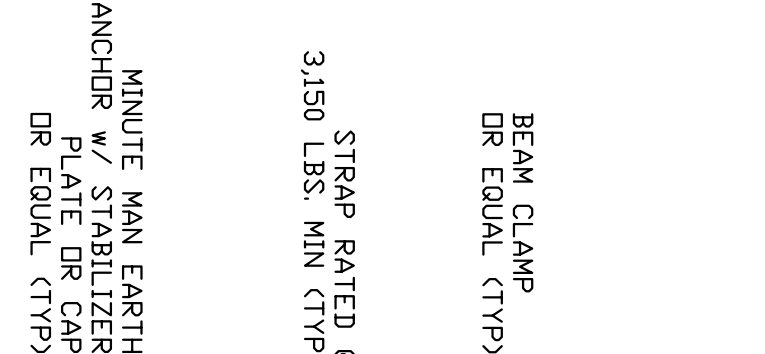
Blocking Points Plan Scale: 1/8"=1'-0"

Notes:

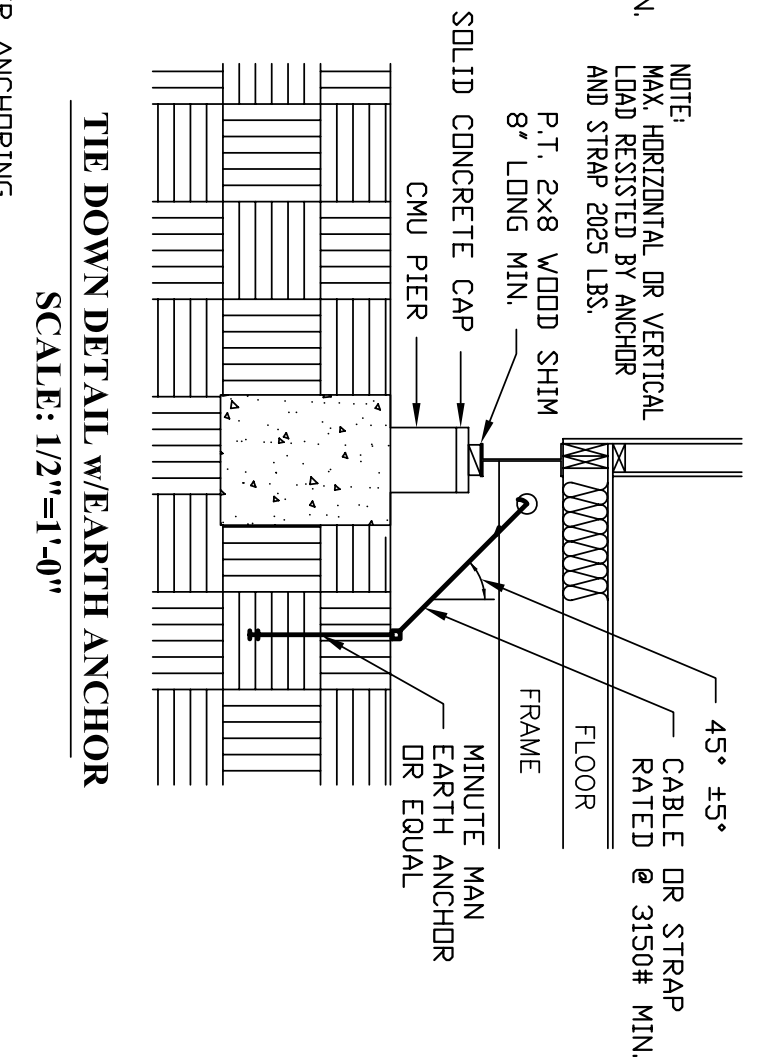
- 1) FAILURE TO SUPPORT THE BUILDING AT EVERY BLOCKING POINT
- 2) SHOWN MAY CAUSE STRUCTURAL FAILURE.
- 3) This is a suggested blocking plan and suggested the down installation. The actual plans required to satisfy site conditions shall be performed by a registered engineer or architect. Mark Line Industries, Inc. assumes no responsibility for foundation design and construction.
- 4) The longitudinal perimeter piers may be shifted inward to be flush with outside edge of frame to miss slitting.
- 5) ↳ denotes frame tie down locations.
- 6) The downs without directional arrow are to be installed in vertical position. The downs and components rated @ 3150# min. furnished and installed by site contractor.
- 7) The site contractor is to verify the proper nailing line growth dimensions based on actual site conditions and requirements.
- 8) Masonry unit piers in accordance with local.
- 9) Allow 1" per nailing line for make-up growth.
- 10) Overall module & building dimensions are measured to outside face of wall framing. Width of projections & thickness of sheathing and siding are not included in these dimensions.
- 11) Loads are in 1000 lbs.
- 12) Loads based upon Roof Live Load of 30 psf, Floor Live Load of 50 psf and Building Dead load of 36 psf.



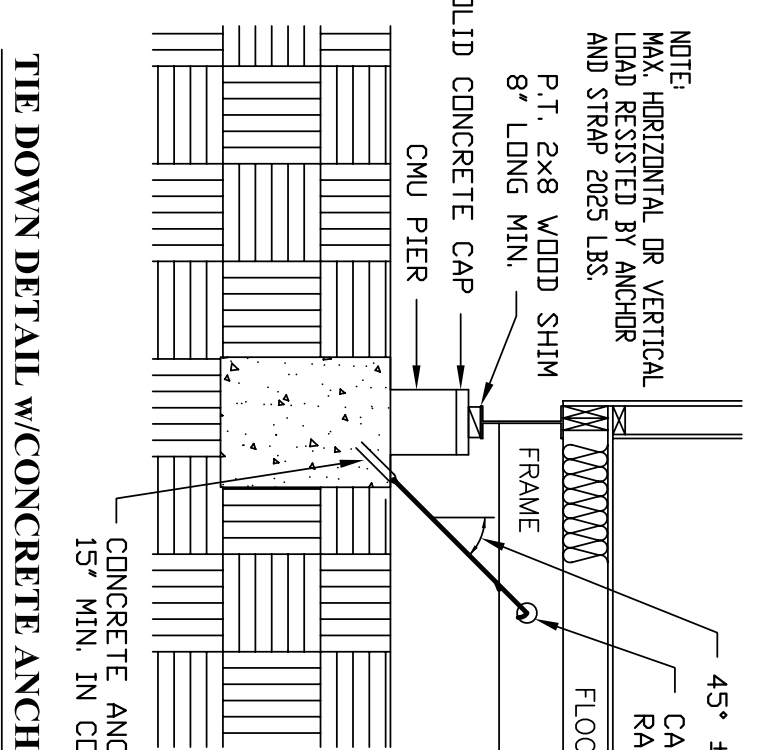
Longitudinal Tie Down Detail Scale: 1/2"=1'-0"



Tie Down Detail w/ Earth Anchor Scale: 1/2"=1'-0"



Tie Down Detail w/ Concrete Anchor Scale: 1/2"=1'-0"



Tie Down Detail w/ Concrete Anchor Scale: 1/2"=1'-0"

Table with 2 columns: Item description and specifications. Includes FRAMES, FLOORING, and INSULATION details.

Table with 2 columns: Item description and specifications. Includes DECKING, ROOFING, and INTERIOR WALLS details.

Table with 2 columns: Item description and specifications. Includes INTERIOR WALLS, INTERIOR TRIM, and INTERIOR CORNER details.

Table with 2 columns: Item description and specifications. Includes INTERIOR CORNER, INSIDE CORNER, and WINDOW JAMB details.

Table with 2 columns: Item description and specifications. Includes ROOFING, SHEATHING, and MATE LINE details.

Table with 2 columns: Item description and specifications. Includes EXTERIOR WALLS, EXTERIOR CORNER, and EXTERIOR DOORS details.

Table with 2 columns: Item description and specifications. Includes INTERIOR DOORS, WINDOW SINK, and SERVICE details.

Table with 2 columns: Item description and specifications. Includes WINDOW SINK, SERVICE, and ELECTRICAL details.

Table with 2 columns: Item description and specifications. Includes ELECTRICAL, SERVICE, and WATER HEATER details.

Table with 2 columns: Item description and specifications. Includes WATER HEATER, WATER CLOSET, and WATER CLOSET details.

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Table with 2 columns: Item description and specifications. Includes FURNITURE, COORDS, and SHIPPING HEIGHT details.

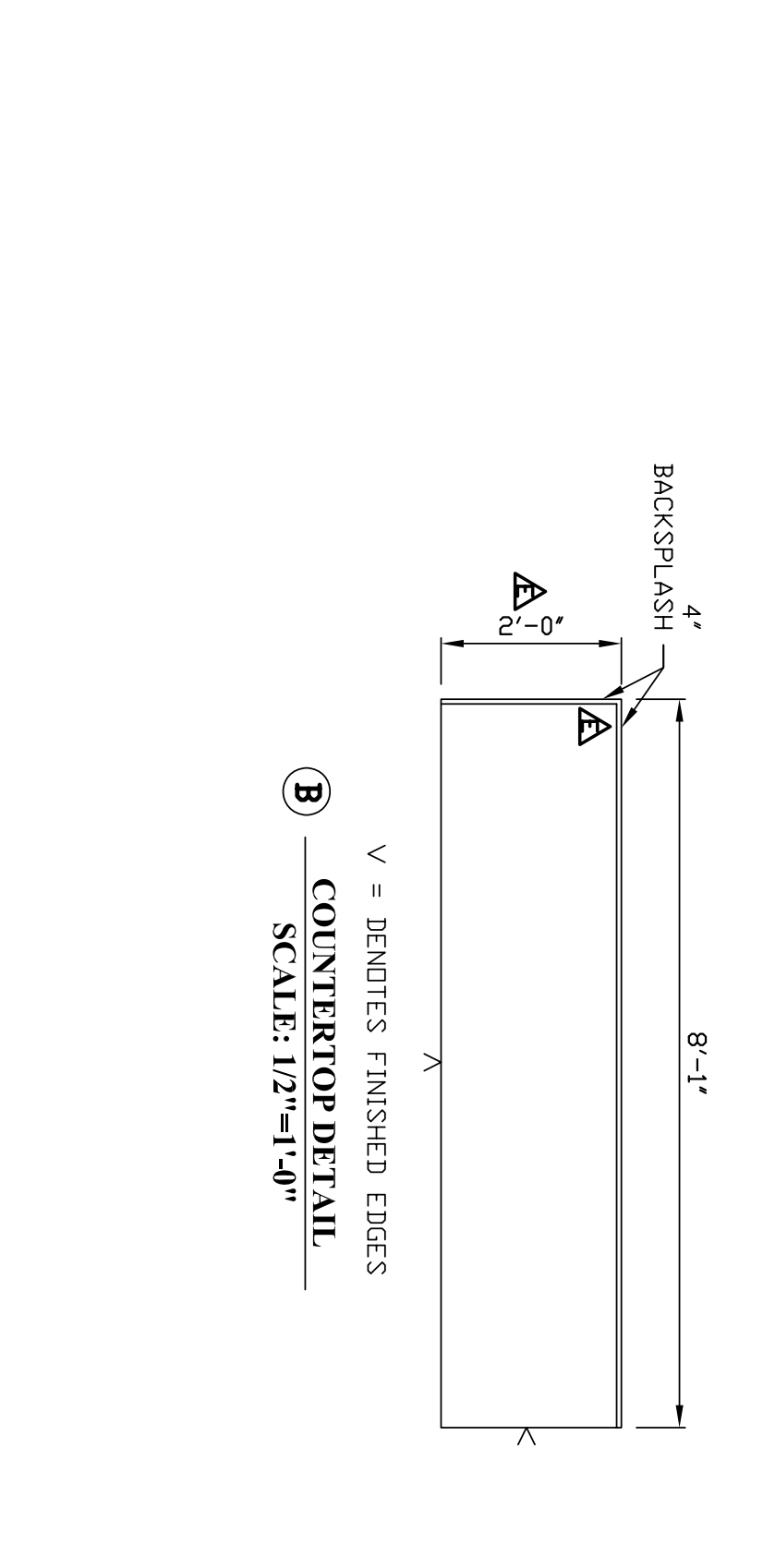
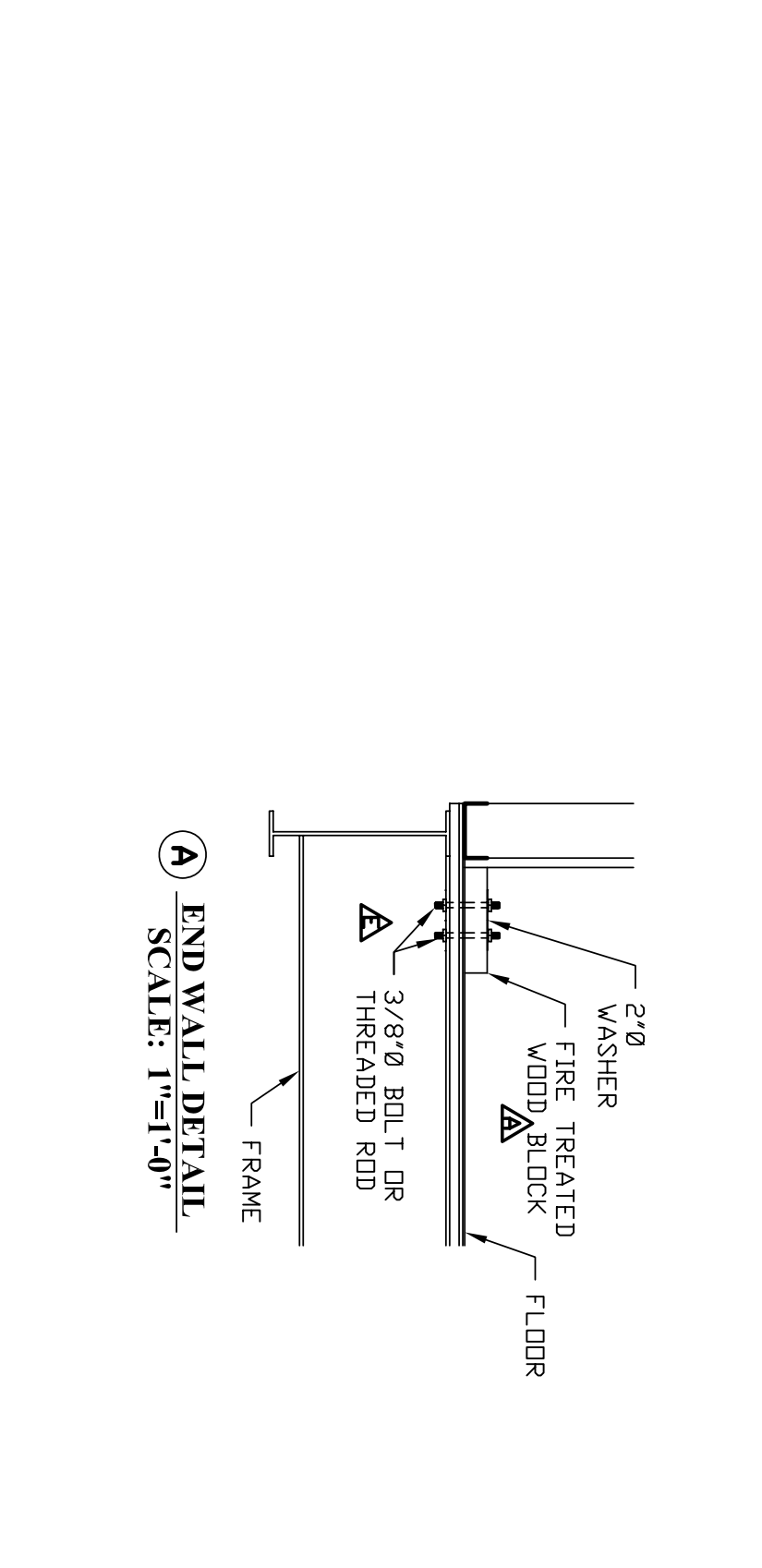
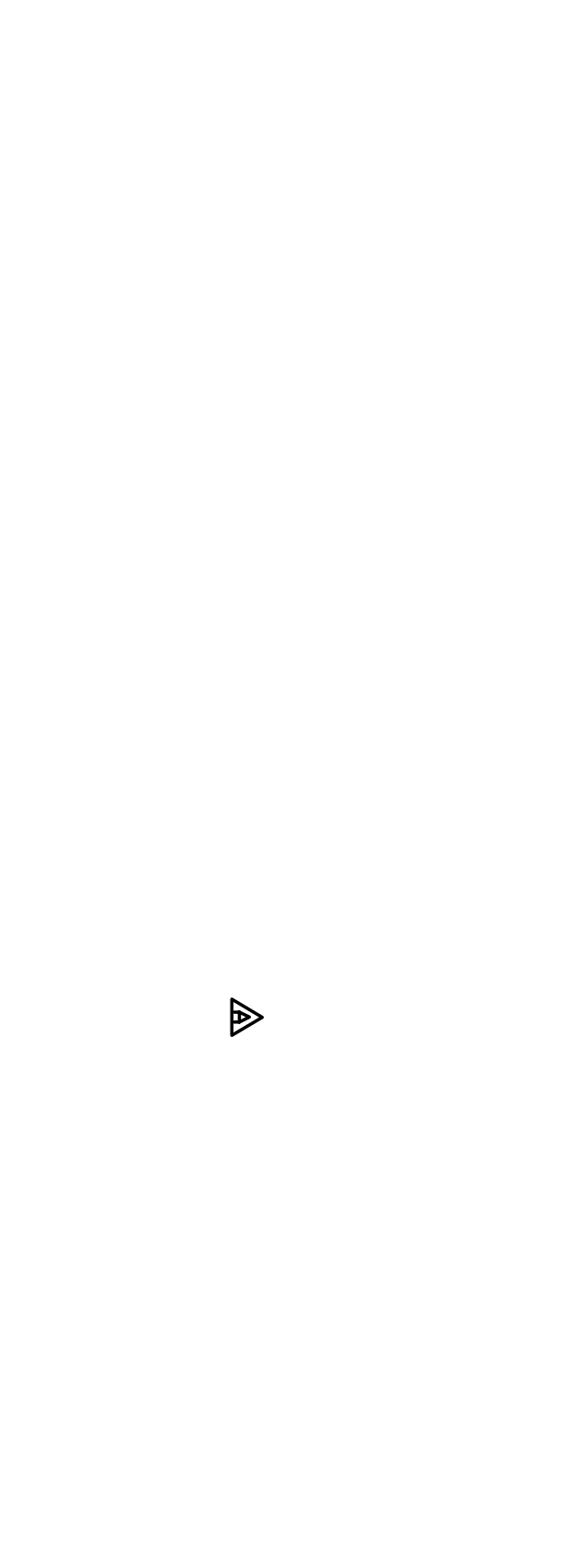
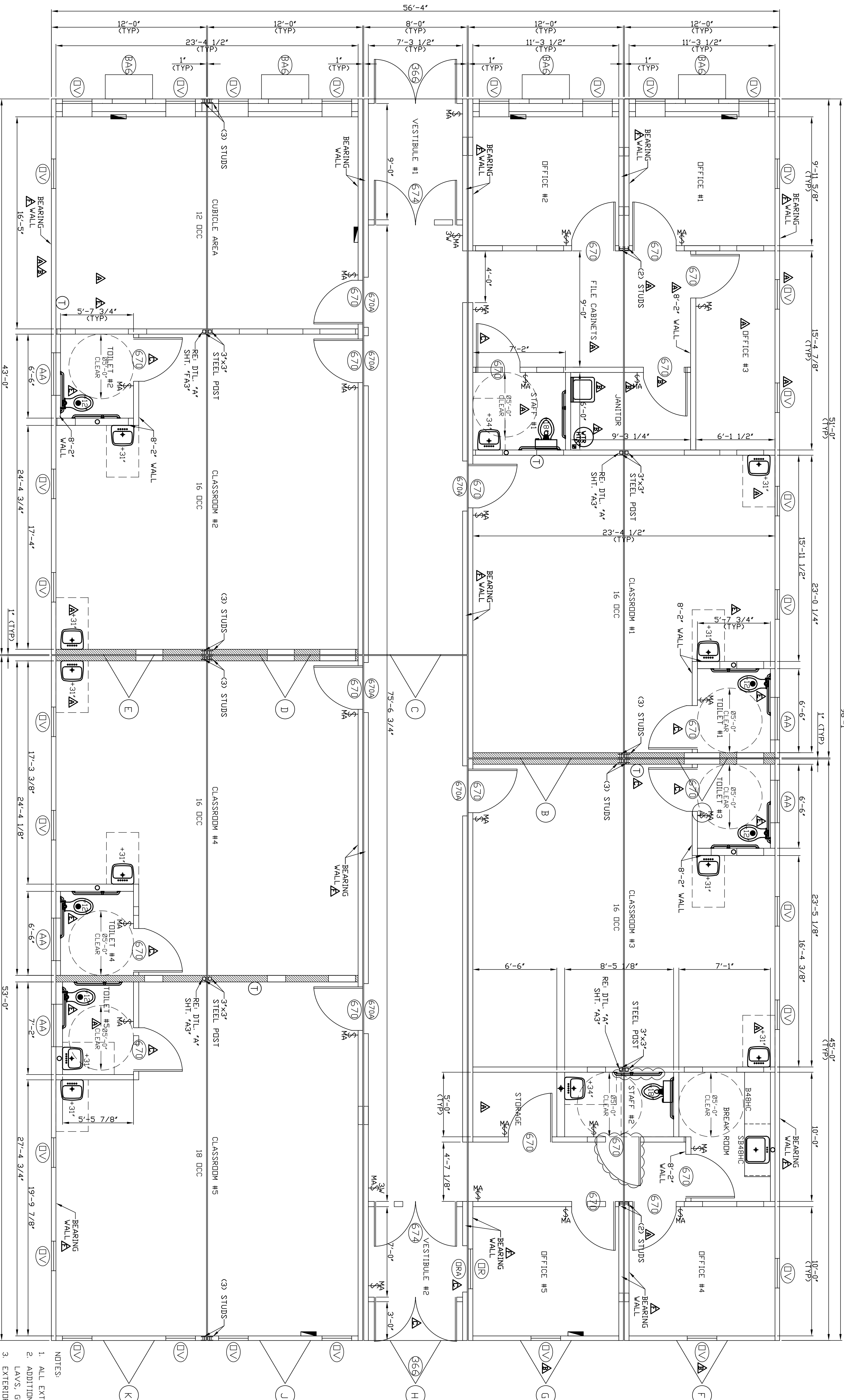


Table with 2 columns: Unit and weight schedule. Lists units like AXLES and their corresponding allowable and shipping weights.

Table with 2 columns: Color Selections. Lists floor covering, tile, and exterior wall colors with corresponding paint codes.

Project information block including: PROJECT NAME: BROOKLYN HEAD START, PLANT LOCATION: EPHRATA, PA, and Mark Line Industries logo.



NOTE: THE WALLS & DOORS ARE RATED IN COMPLIANCE W/ NYC BUILDING CODE FOR A TYPE IIB SPRINKLERED MODULAR BUILDING

AA	0.30	0.30
AA	0.30	0.30
366	0.157	--
BUBBLE	U FACTOR	SHGC
NY ENVELOPE INFO		

ARCHITECTURAL PLAN

- NOTES:
1. ALL EXTERIOR WALLS ARE BRACED.
 2. ADDITIONAL BLOCKING IS REQUIRED IN WALLS AT LAYS, GRAB BARS AND MODESTY PARTITIONS.
 3. EXTERIOR WALLS ARE 4 1/4" THK. (UNLESS NOTED)
 4. INTERIOR WALLS ARE 4 7/8" THK. (UNLESS NOTED)
 5. MATE LINE WALLS ARE 4 1/4" THK. (UNLESS NOTED)
 6. HATCHED WALLS INDICATES WALLS WITH 5/8" GYPSUM SUBSTRATE THAT ARE STC-RATED AND ARE 6 1/8" THK. (UNLESS NOTED)
 7. ALL FLOORS COVERING TO BE TILE.

DRAWING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[Symbol]	SINGLE HEAD REMOTE EMERGENCY LIGHT WEATHERPROOF, 90° A.F.F.	[Symbol]	20 AMP, DUPLEX GFI RECEPT, CHILD SAFETY 42° A.F.F. (UNLESS NOTED)	[Symbol]	20 AMP, DUPLEX GFI RECEPT, CHILD SAFETY 18° A.F.F. (UNLESS NOTED)	[Symbol]	2x2' RETURN AIR GRILLE
[Symbol]	100 CFM CEILING EXHAUST FAN W/ LIGHT	[Symbol]	HIGH PRESSURE SODIUM WEATHERPROOF LIGHT, 90° A.F.F.	[Symbol]	WEATHERPROOF, 6' A.F.F. (UNLESS NOTED)	[Symbol]	IN CEILING GRID
[Symbol]	20 AMP, MOTION ACTIVATED SWITCH	[Symbol]	MAIN DRAIN LOCATION	[Symbol]	J-BOX FOR MATE LINE CROSSOVER (BELOW FLOOR)/ABOVE SUSPENDED CEILING)	[Symbol]	2x2' SUPPLY AIR GRILLE
[Symbol]	42° A.F.F. (UNLESS NOTED)	[Symbol]	PLUMBING VENT THRU ROOF	[Symbol]	J-BOX FOR TRIPPER LIGHT CONNECTION	[Symbol]	DUAL HEAD EMERGENCY LIGHT W/ LIGHTED EXIT SIGN & BATTERY PACK
[Symbol]	20 AMP, SWITCH, 3-WAY	[Symbol]	WATER INLET LOCATION	[Symbol]	J-BOX FOR TRIPPER LIGHT CONNECTION	[Symbol]	DOUBLE HEAD EMERGENCY LIGHT W/ BATTERY PACK, 84° A.F.F.
[Symbol]	42° A.F.F. (UNLESS NOTED)	[Symbol]	WATER HEATER	[Symbol]	J-BOX W/ CONDUIT FOR COMPUTER & TELEPHONE, 18° A.F.F. (UNLESS NOTED)	[Symbol]	J-BOX W/ CONDUIT FOR COMPUTER & TELEPHONE, 18° A.F.F. (UNLESS NOTED)
[Symbol]	TERMOSTAT, 42° A.F.F.	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]
[Symbol]	LOAD CENTER	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]	[Symbol]

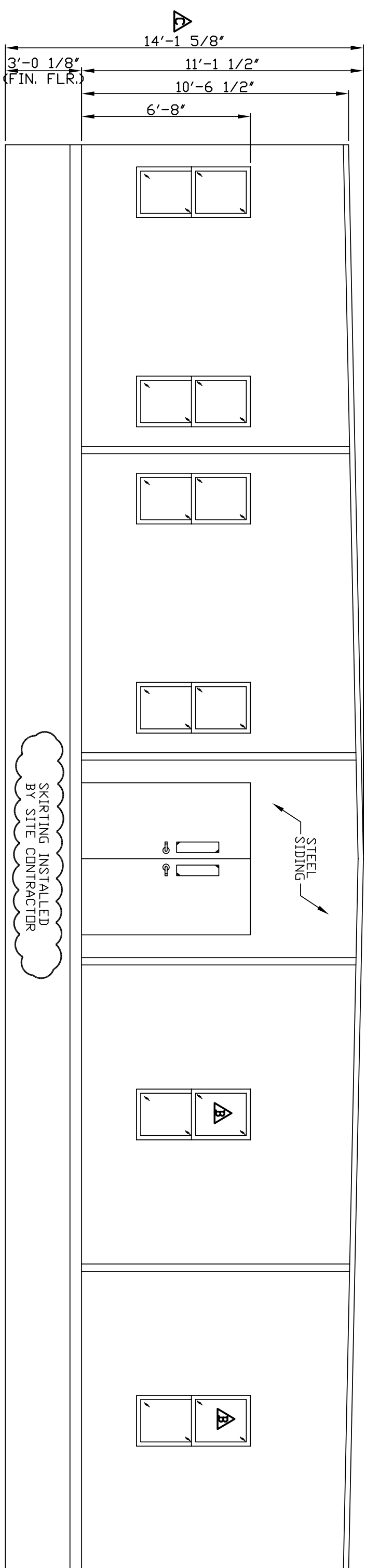
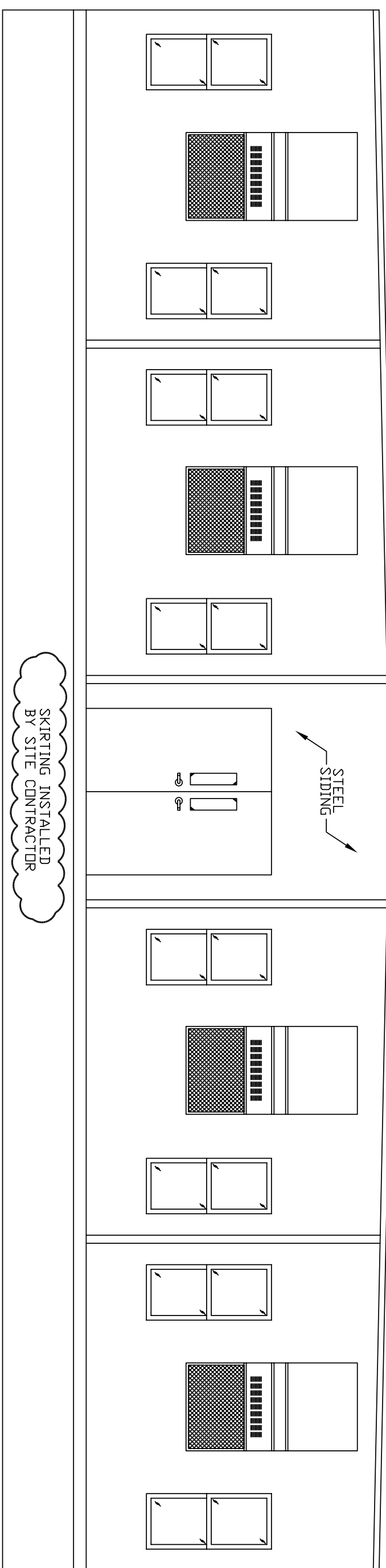
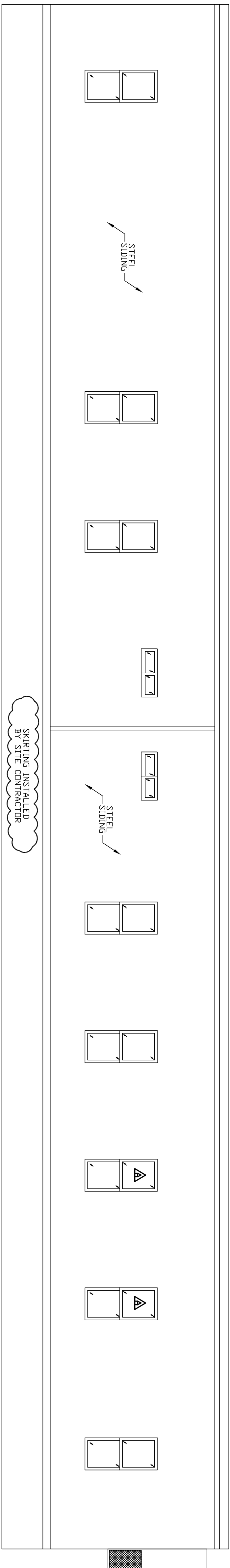
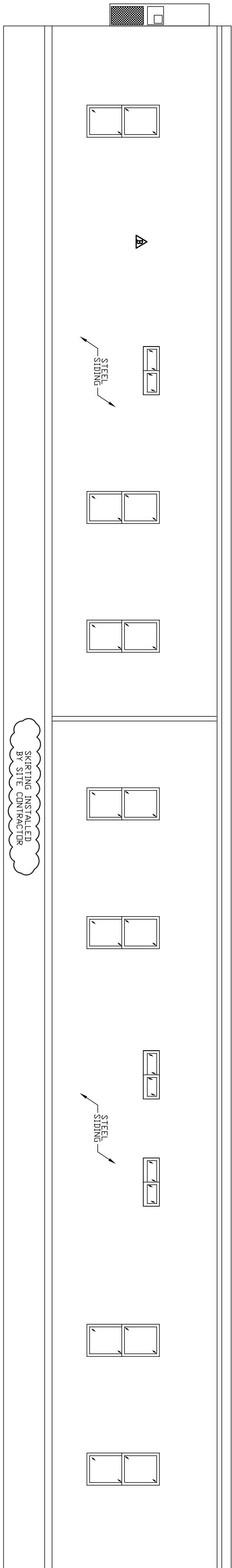
OPENING SCHEDULE

MARK	DESCRIPTION	MARK	DESCRIPTION	MARK	DESCRIPTION
DR	36x36 SLIDING TYPE W/ PRE-FINISHED JAMB	D01	PARTIAL THRU WALL DUCT OPENING	D07	16x48 THRU WALL DUCT OPENING
ORA	36x36 SLIDING TYPE W/ WHITE LINE OPENING	D02	PARTIAL THRU WALL DUCT OPENING	D08	16x48 THRU WALL DUCT OPENING
AA	36x42 HORIZONTAL SLIDER WINDOW	D03	PARTIAL THRU WALL DUCT OPENING	D09	24x48 THRU WALL DUCT OPENING
MA	RD. 39 1/2x205 1/2", 66 1/2" A.F.F.	D04	PARTIAL THRU WALL DUCT OPENING	D10	24x48 THRU WALL DUCT OPENING
MA	RD. 24x54 VERTICAL SLIDER WINDOW	D05	PARTIAL THRU WALL DUCT OPENING	D11	32x48 THRU WALL DUCT OPENING
MA	RD. 27 1/2x256 1/2", 24 1/2" A.F.F.	D06	8x48 THRU WALL DUCT OPENING		
MA	RD. 46 1/2x265 1/2"				
MA	36x80R SOLID CORE DOOR W/ STEEL JAMB				
MA	RD. 76 1/2x282 1/2"				
MA	36x80R SOLID CORE DOOR W/ STEEL JAMB				
MA	RD. 40 1/2x282 1/2"				
MA	4 TON BARD, 48000 BTU				
MA	RD. 30 1/2x245, 28 1/2" IN & 11" ROOF				

<p>NADLER MOBILE OFFICES, LLC</p> <p>PROJECT NAME: BROOKLYN HEAD START</p> <p>PLANT LOCATION: EPHRATA, PA</p>	<p>© 2011 MARK LINE INDUSTRIES</p>	<table border="1"> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td>1</td> <td>AS BUILT</td> <td>1/6/12</td> <td>AM</td> </tr> <tr> <td>2</td> <td>PRODUCTION</td> <td>11/16/11</td> <td>AM</td> </tr> <tr> <td>3</td> <td>PRODUCTION</td> <td>11/8/11</td> <td>AM</td> </tr> <tr> <td>4</td> <td>CUSTOMER</td> <td>11/4/11</td> <td>AM</td> </tr> <tr> <td>5</td> <td>CUSTOMER</td> <td>11/2/11</td> <td>AM</td> </tr> <tr> <td>6</td> <td>CUSTOMER</td> <td>10/28/11</td> <td>AM</td> </tr> </table>	REV	DESCRIPTION	DATE	BY	1	AS BUILT	1/6/12	AM	2	PRODUCTION	11/16/11	AM	3	PRODUCTION	11/8/11	AM	4	CUSTOMER	11/4/11	AM	5	CUSTOMER	11/2/11	AM	6	CUSTOMER	10/28/11	AM	<p>PE SEALS:</p> <p>ALL ITEMS THAT ARE CLOUDED ARE FIELD INSTALLED</p>
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DRAWING NUMBER: A1

CORPORATE OFFICE: 51687 C.R. 133, BRISTOL, IN. 46507 — INDIANA PLANT: 51687 C.R. 133, BRISTOL, IN. 46507 — PENNSYLVANIA PLANT: 502 ALEXANDER DR. EPHRATA, PA. 17522 — NORTH CAROLINA PLANT: 455 LUCY GARRETT RD. ROXBORO, NC. 27574



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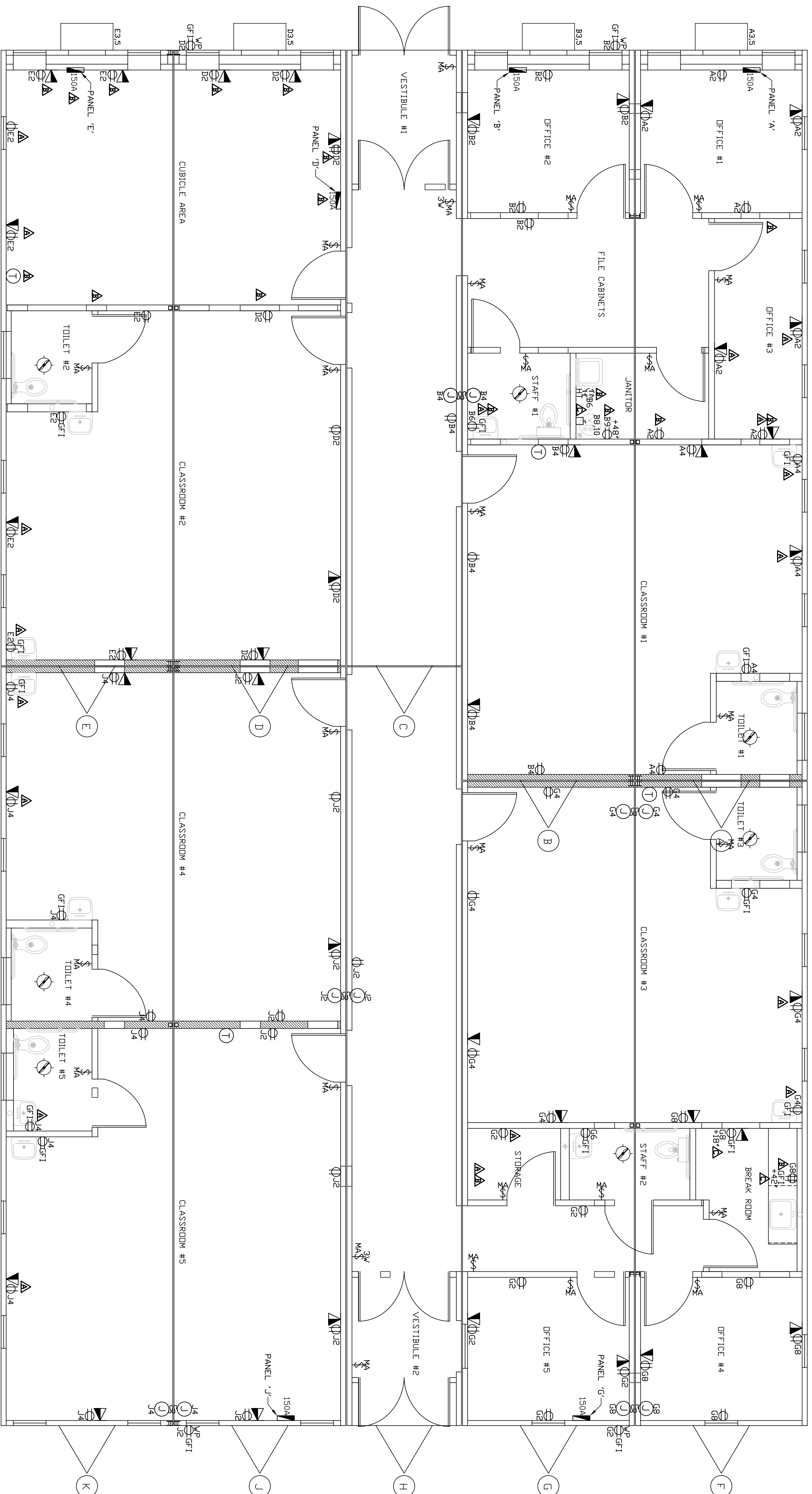


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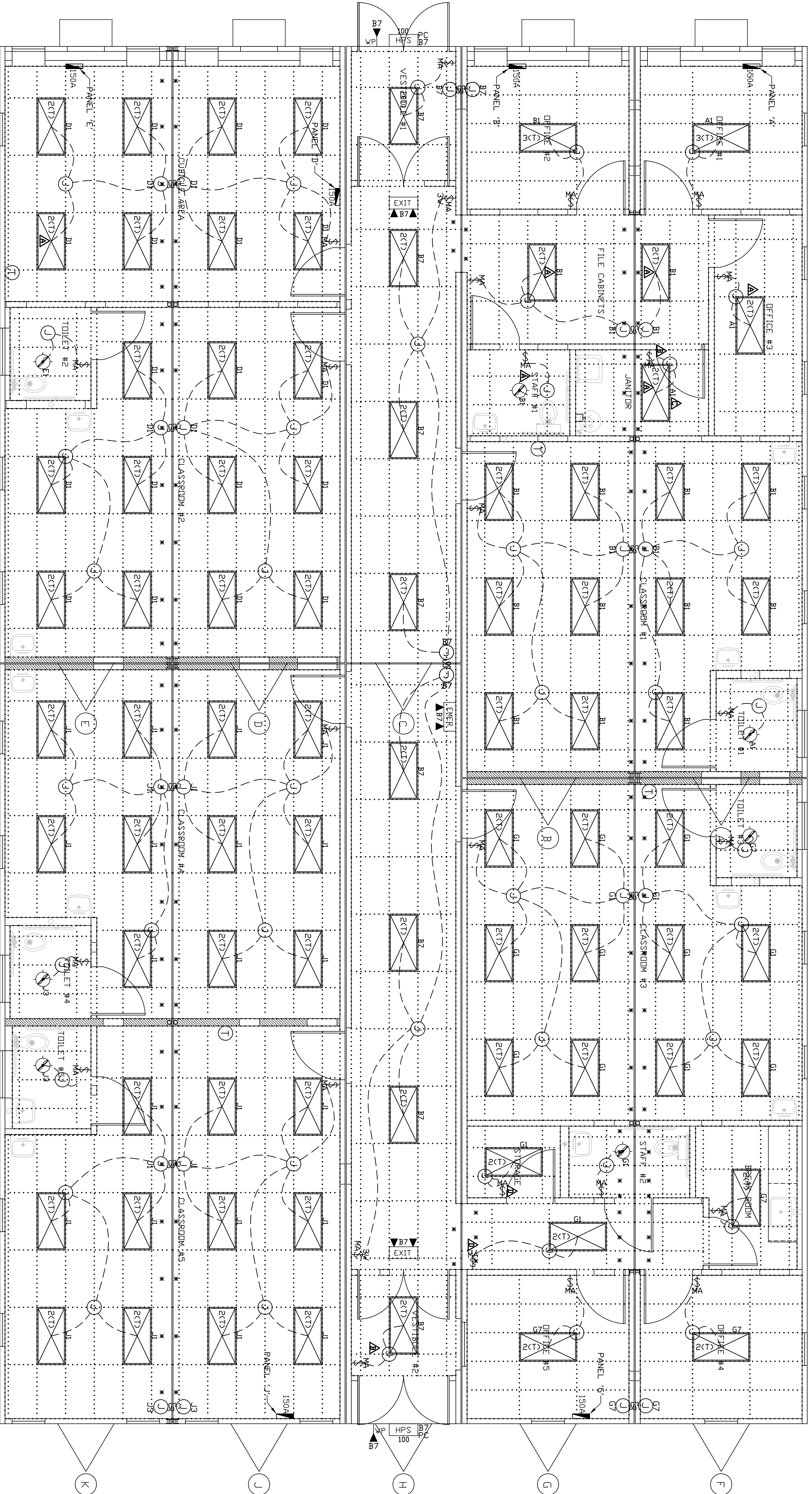


SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE HEAD REMOTE EMERGENCY LIGHT WEATHERPROOF, 90" AFF		20 AMP, DUPLEX GFI RECEPT, CHILD SAFETY 42" AFF. (UNLESS NOTED)		2x4" RETURN AIR GRILLE		2x4" SUPPLY AIR GRILLE
	20 AMP, MOTION ACTIVATED SWITCH		42" AFF. (UNLESS NOTED)		18" AFF. (UNLESS NOTED)		IN CEILING GRID
	42" AFF. (UNLESS NOTED)		MAIN DRAIN LOCATION		6" AFF. (UNLESS NOTED)		J-BOX FOR MATE LINE CROSSOVER (BELOW FLOOR)/ABOVE SUSPENDED CEILING)
	42" AFF. (UNLESS NOTED)		PLUMBING VENT THRU ROOF		J-BOX FOR TRIPPER LIGHT CONNECTION		DUAL HEAD EMERGENCY LIGHT W/ LIGHTED EXIT SIGN & BATTERY PACK
	LOAD CENTER		WATER INLET LOCATION		EMER		DOUBLE HEAD EMERGENCY LIGHT W/ BATTERY PACK, 84" AFF.
	WATER HEATER		WATER HEATER		J-BOX W/ CONDUIT FOR COMPUTER & TELEPHONE, 18" AFF. (UNLESS NOTED)		15 AMP, QUADPLEX RECEPT
	WATER HEATER		WATER HEATER		18" AFF. (UNLESS NOTED)		18" AFF. (UNLESS NOTED)

ELECTRICAL PLAN

- NOTES:
1. DEVICE HEIGHTS: SWITCH HEIGHTS ARE NOTED FROM FINISHED FLOOR TO BOTTOM OF BOX (UNLESS NOTED), RECEPT HEIGHTS ARE NOTED FROM FINISHED FLOOR TO CENTER OF BOX (UNLESS NOTED), JUNCTION BOX'S @ 18" AFF ARE FROM FINISHED FLOOR TO CENTER OF BOX (UNLESS NOTED), ALL OTHER DEVICE HEIGHTS ARE NOTED FROM FINISHED FLOOR TO BOTTOM OF BOX. (UNLESS NOTED).

NADLER MOBILE OFFICES, LLC			PROJECT NAME: BROOKLYN HEAD START		ALL ITEMS THAT ARE CLOUDED ARE FIELD INSTALLED.
PLANT LOCATION: EPHRATA, PA			PRODUCTION 11/10/11 AM CUSTOMER 11/2/11 AM CUSTOMER 10/28/11 AM		
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					DATE:



LIGHTING PLAN

- NOTES:
- EXIT AND EMERGENCY LIGHTS WIRED TO LOCAL LIGHT CIRCUIT UNSWITCHED.
 - BATTERY PACKS TO BE CONNECTED BY SITE CONTRACTOR.
 - * = DENOTES SUSPENDED CEILING TILES AND/OR DIFFUSERS SHIPPED LOOSE AND INSTALLED AT SITE BY OTHERS. TROFFER LIGHTS TO BE STRAPPED TO SUB-CEILING, UNLESS NOTED.
 - WIRE BETWEEN SUSPENDED CEILING AND GYPSUM SUB-CEILING TO BE IN ENT. MC CABLE OR FLEXIBLE CONDUIT (GREENFIELD, 4'-0" MAX.).

	SINGLE HEAD REMOTE EMERGENCY LIGHT		20 AMP, DUPLEX GFI RECEIPT, CHILD SAFETY		2x4' RETURN AIR GRILLE
	WEATHERPROOF, 90' AFF.		18' AFF. (UNLESS NOTED)		2x4' SUPPLY AIR GRILLE
	100 CFM CEILING EXHAUST FAN W/ LIGHT		20 AMP, DUPLEX GFI RECEIPT		2x4' CEILING GRID
	20 AMP, MOTION ACTIVATED SWITCH		WEATHERPROOF, 6' A.F.F. (UNLESS NOTED)		DUAL HEAD EMERGENCY LIGHT W/ LIGHTED EXIT SIGN & BATTERY PACK
	42' AFF. (UNLESS NOTED)		J-BOX FOR MAIN LINE CROSSED		DOUBLE HEAD EMERGENCY LIGHT W/ BATTERY PACK, 84' A.F.F.
	20 AMP, SWITCH, 3-WAY		J-BOX FOR TROFFER LIGHT CONNECTION		J-BOX W/ CONDUIT FOR COMPUTER & TELEPHONE, 18' A.F.F. (UNLESS NOTED)
	42' AFF. (UNLESS NOTED)		WATER INLET LOCATION		15 AMP, QUADPLEX RECEIPT
	THERMOSTAT, 42' A.F.F.		WATER HEATER		18' A.F.F. (UNLESS NOTED)
	LOAD CENTER		2x4' (2) TUBE FLUORESCENT TROFFER LIGHT W/ DIFFUSER		DESCRIPTION
	DESCRIPTION		DESCRIPTION		DESCRIPTION

DRAWING LEGEND

PE SEALS:

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REV	DESCRIPTION	DATE	BY
	PRODUCTION	11/29/11	AM
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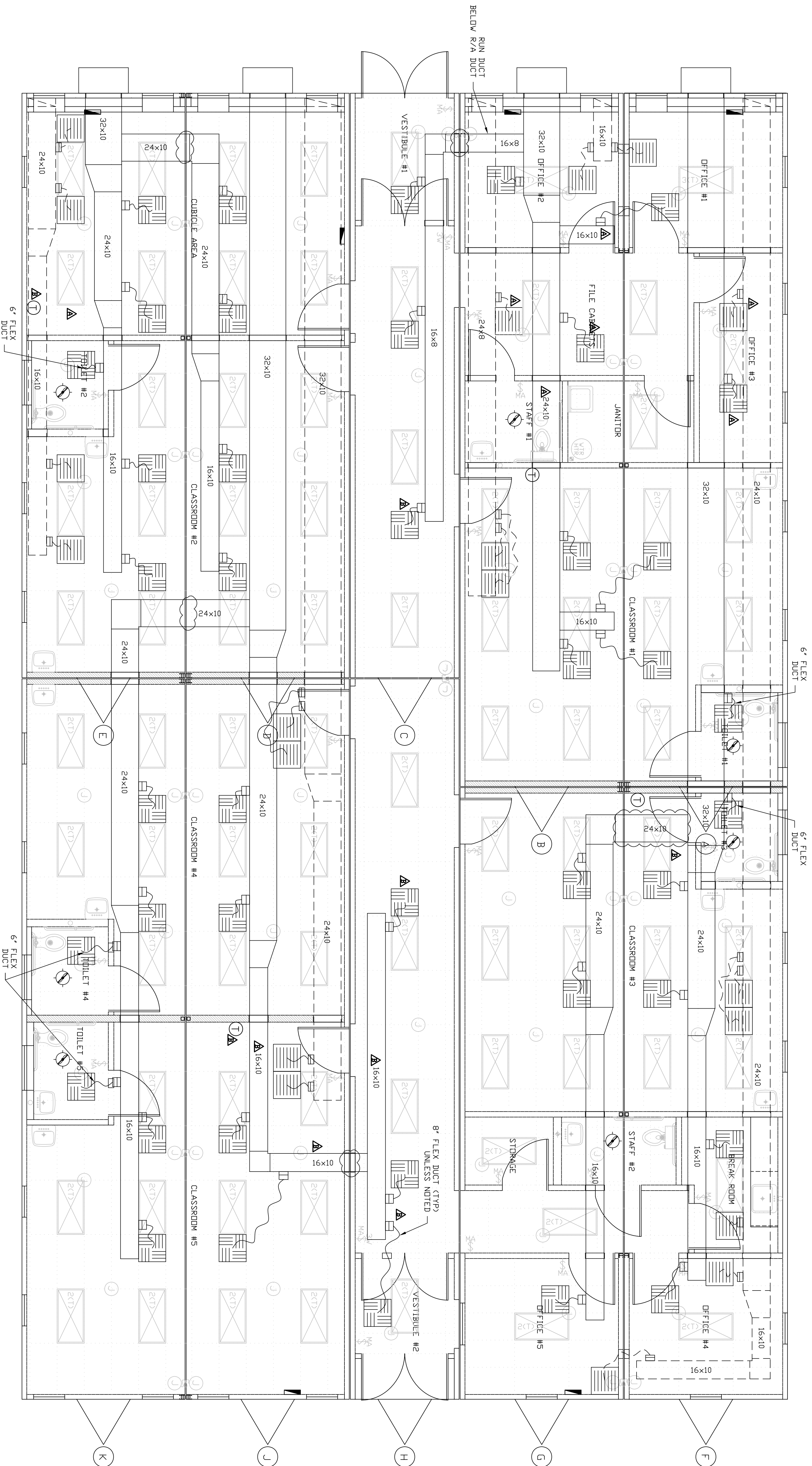


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HVAC PLAN

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SINGLE HEAD REMOTE EMERGENCY LIGHT		20 AMP, DUPLEX GFI RECEPT, CHILD SAFETY		2x2' RETURN AIR GRILLE		
	WEATHERPROOF, 90° AFF		20 AMP, DUPLEX GFI RECEPT, CHILD SAFETY		IN CEILING GRID		
	100 CFM CEILING EXHAUST FAN W/ LIGHT		HPS HIGH PRESSURE SODIUM WEATHERPROOF LIGHT, 90° A.F.F.		2x2' SUPPLY AIR GRILLE		
	20 AMP, MOTION ACTIVATED SWITCH		MAIN DRAIN LOCATION		J-BOX FOR MATE LINE CROSSOVER		
	42° AFF (UNLESS NOTED)		PLUMBING VENT THRU ROOF		J-BOX FOR RAFTER LIGHT CONNECTION		
	20 AMP, SWITCH, 3-WAY		WATER INLET LOCATION		EMER EXIT SIGN & BATTERY PACK		
	42° AFF (UNLESS NOTED)		WATER HEATER		DOUBLE HEAD EMERGENCY LIGHT		
	THERMOSTAT, 42° A.F.F.		LOAD CENTER		J-BOX W/ CONDUIT FOR COMPUTER & TELEPHONE, 18° A.F.F. (UNLESS NOTED)		
	LOAD CENTER		WATER HEATER		15 AMP, QUADPLEX RECEPT		
	LOAD CENTER		WATER HEATER		18° A.F.F. (UNLESS NOTED)		

DRAWING LEGEND

PE SEALS:

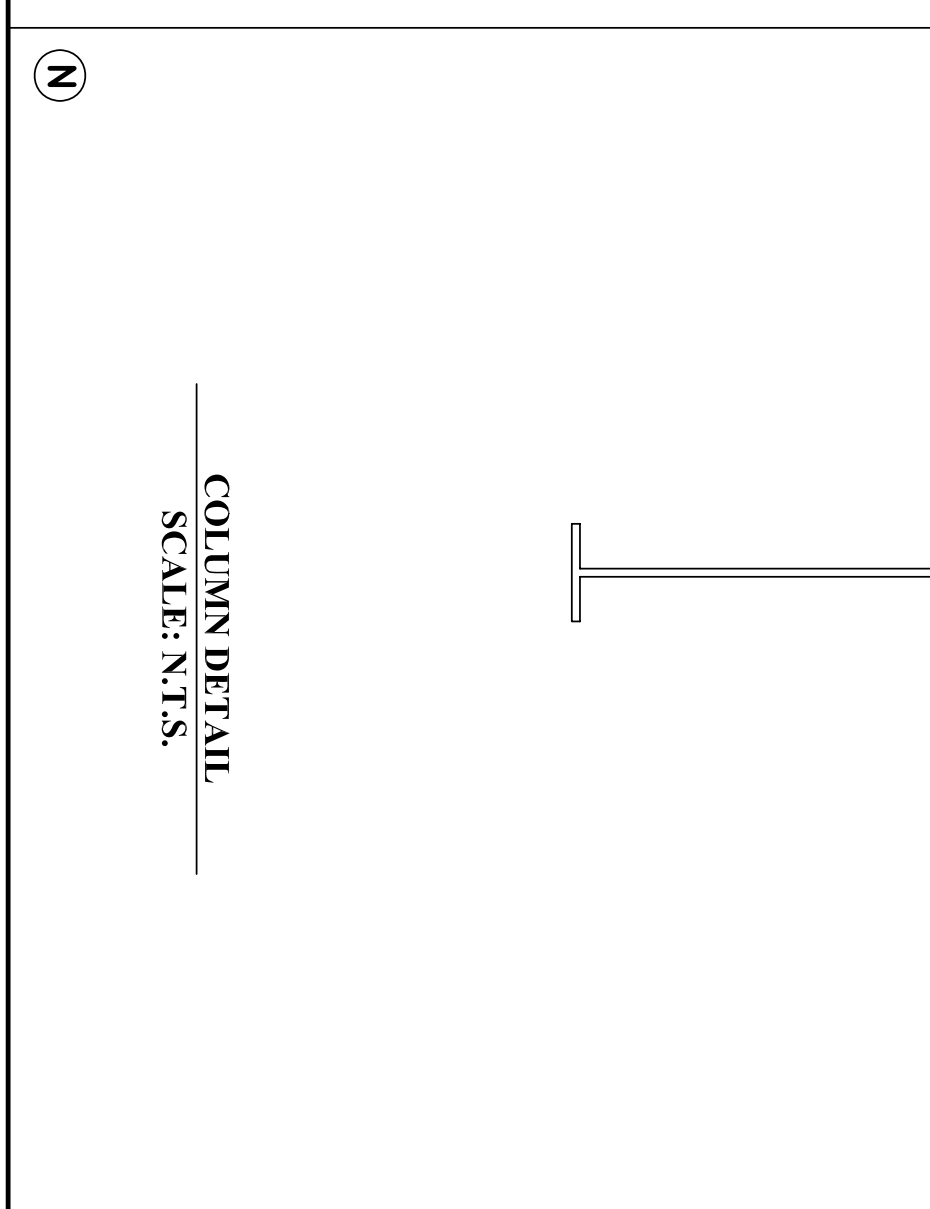
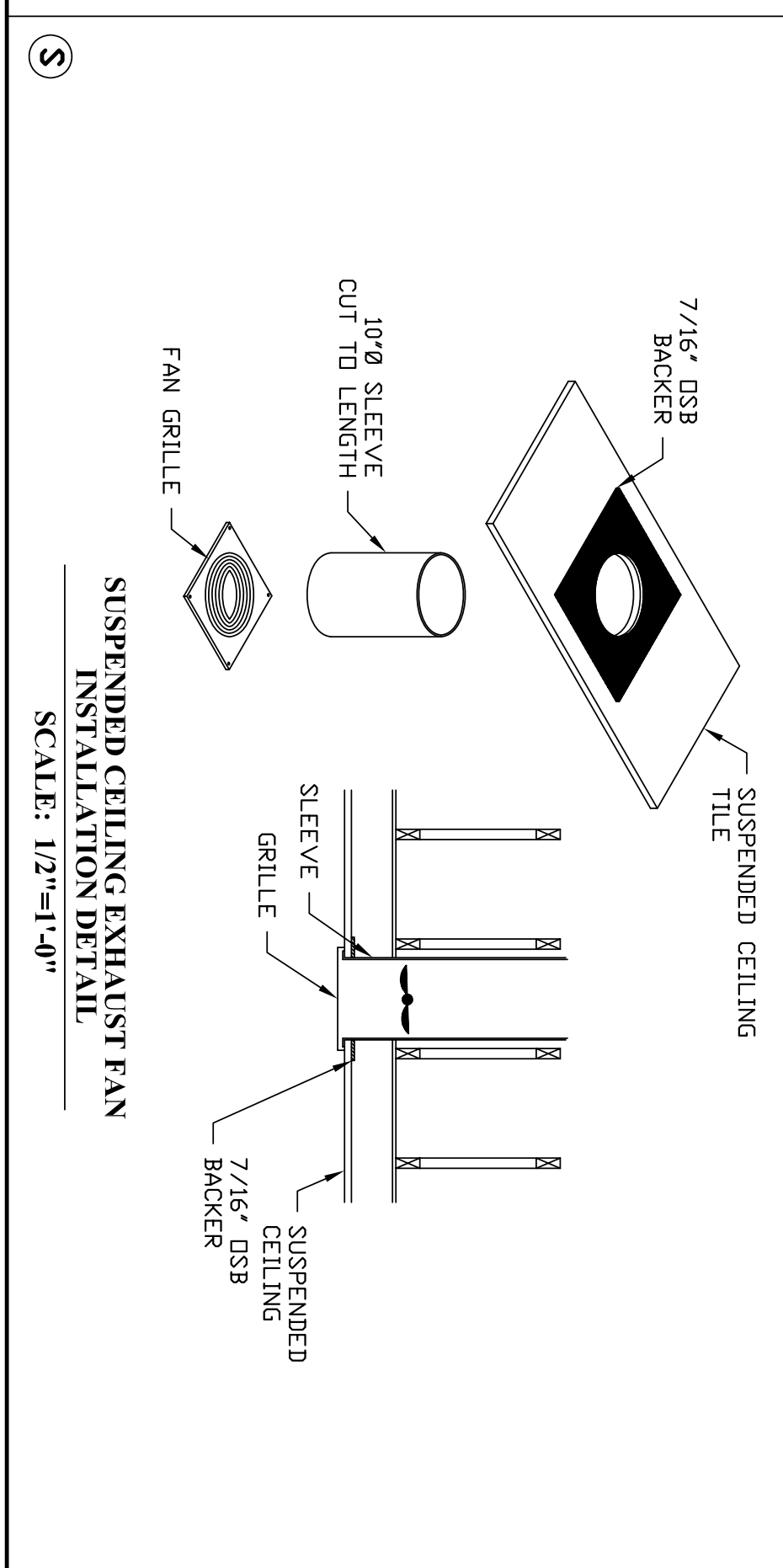
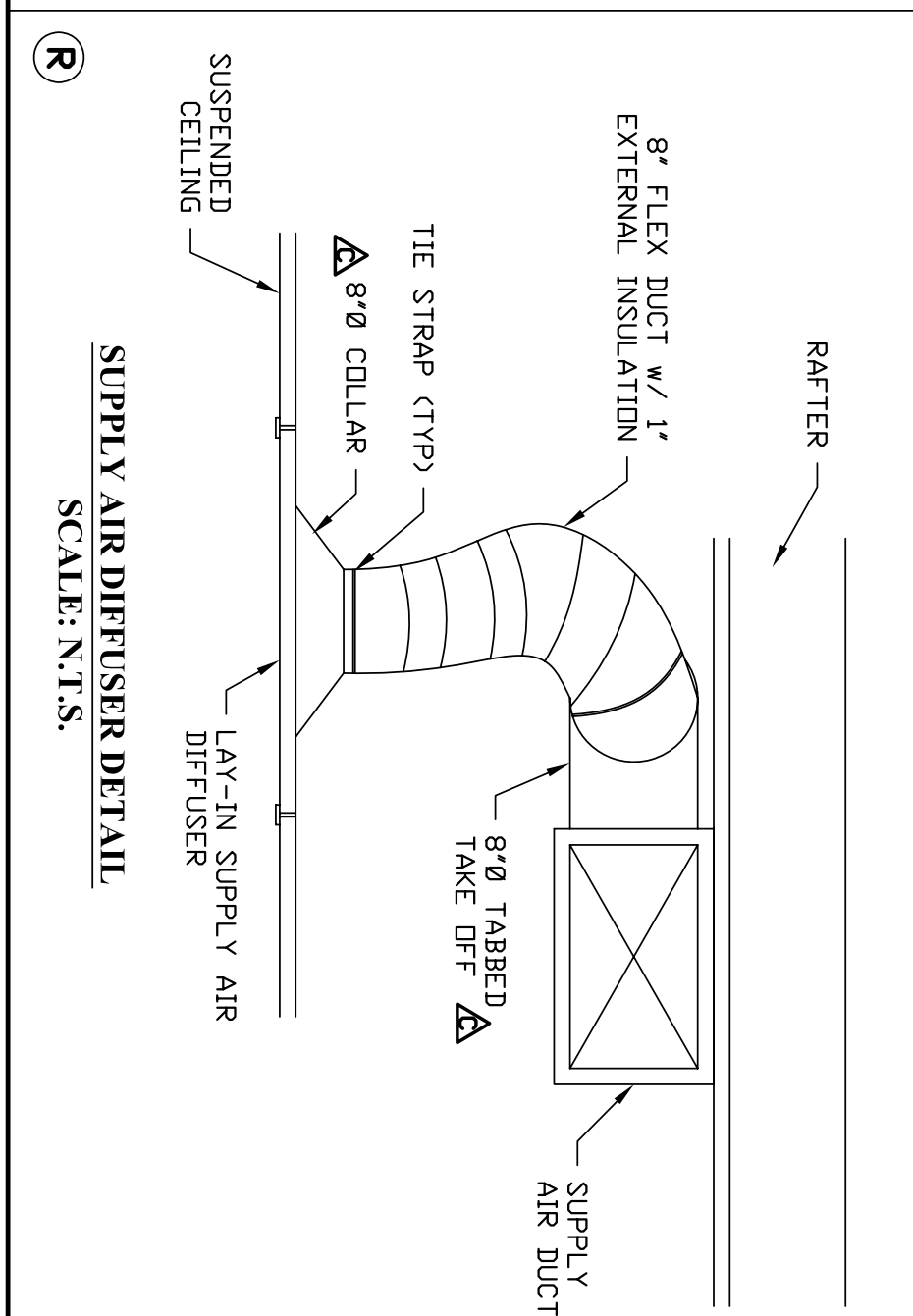
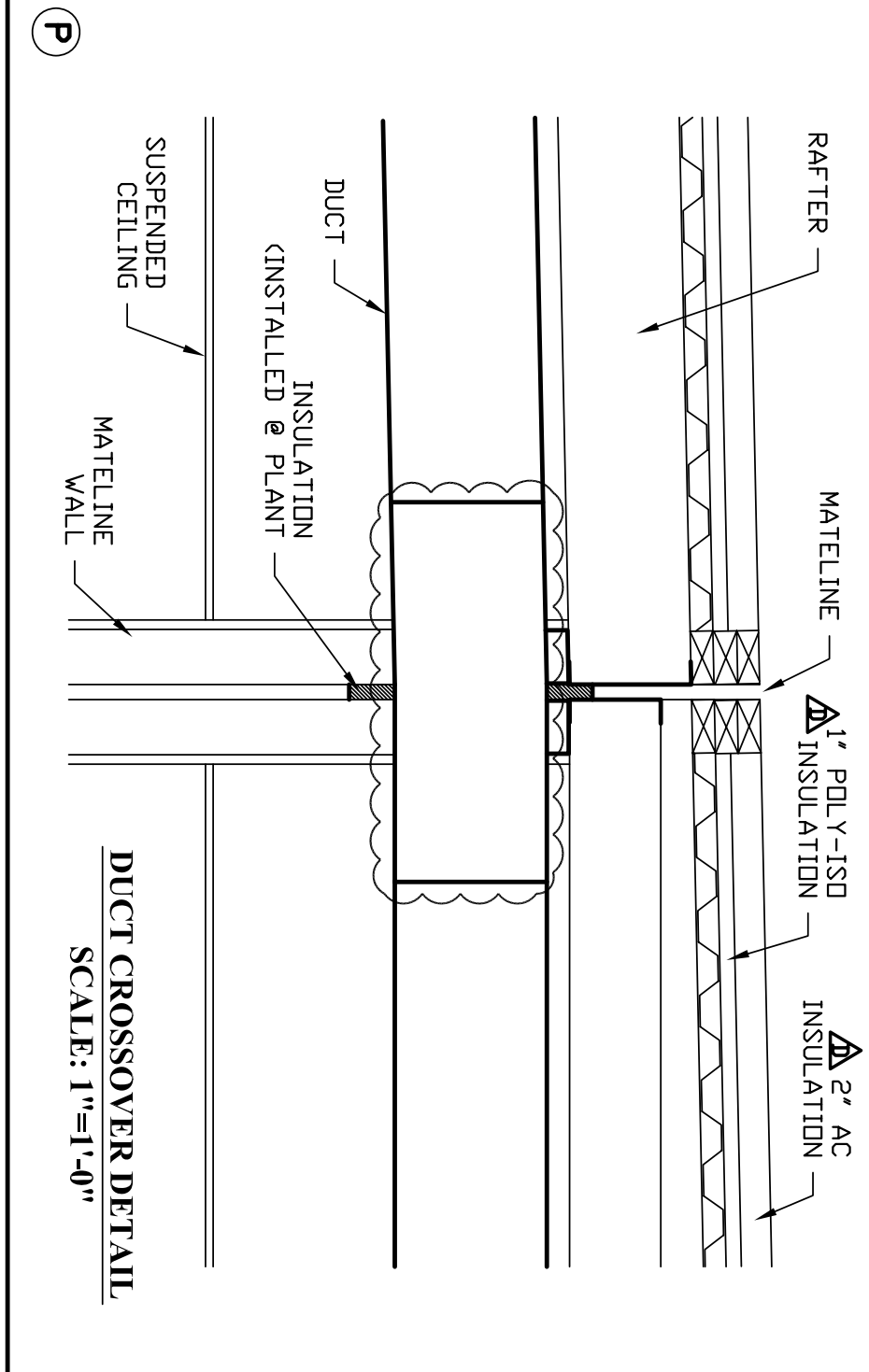
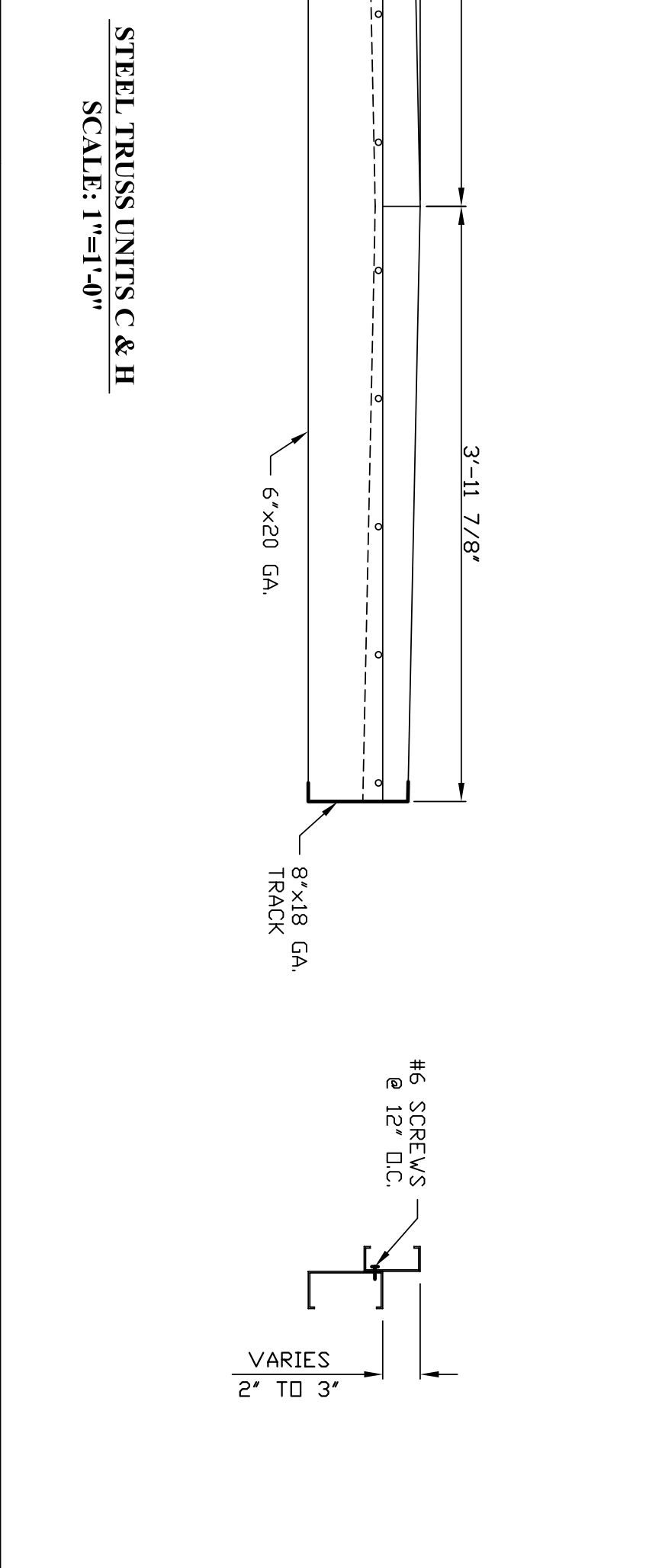
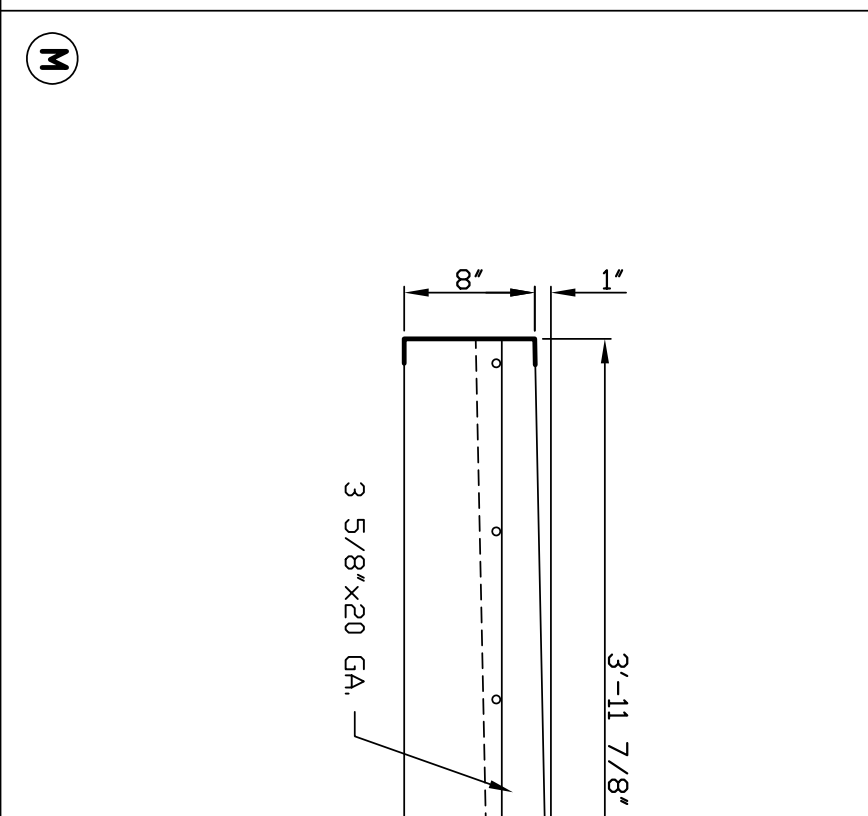
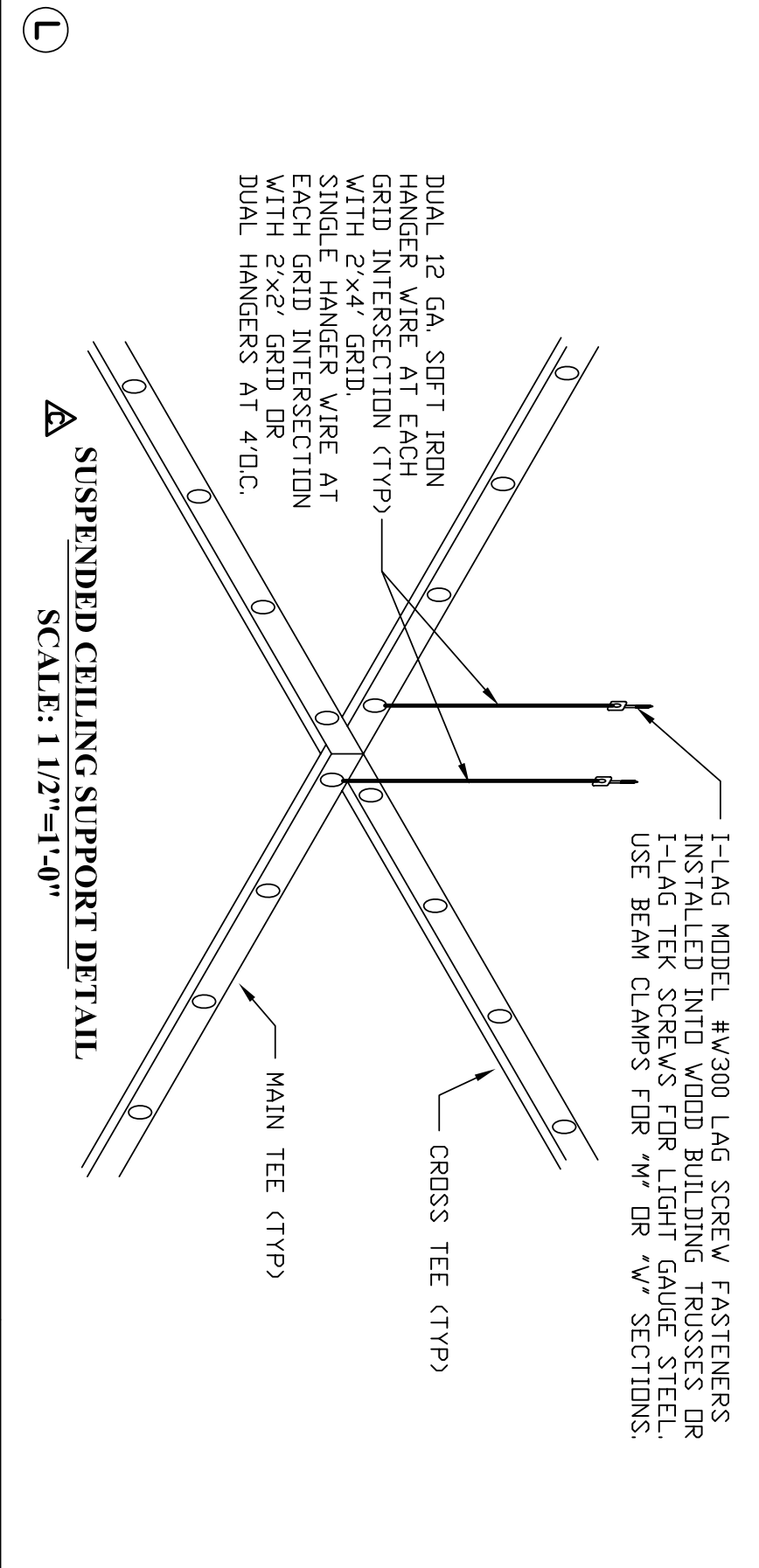
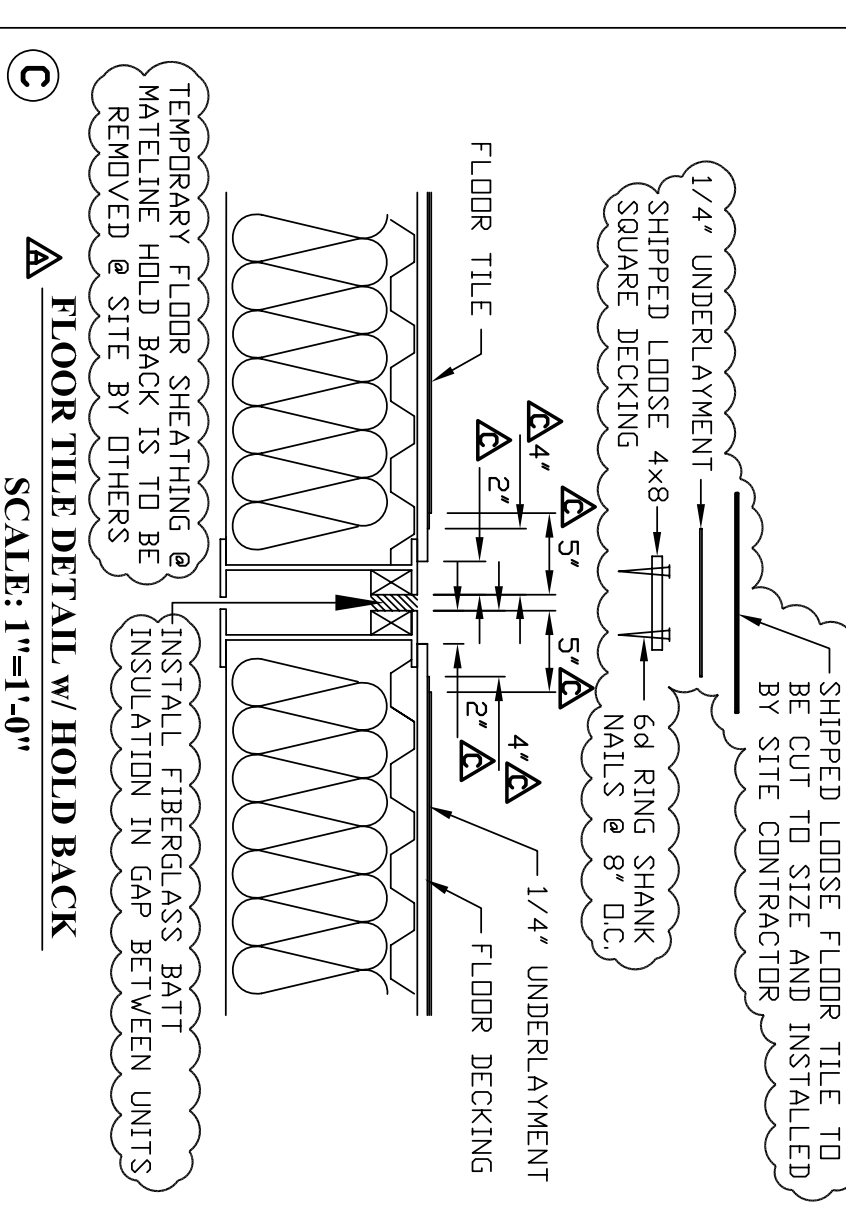
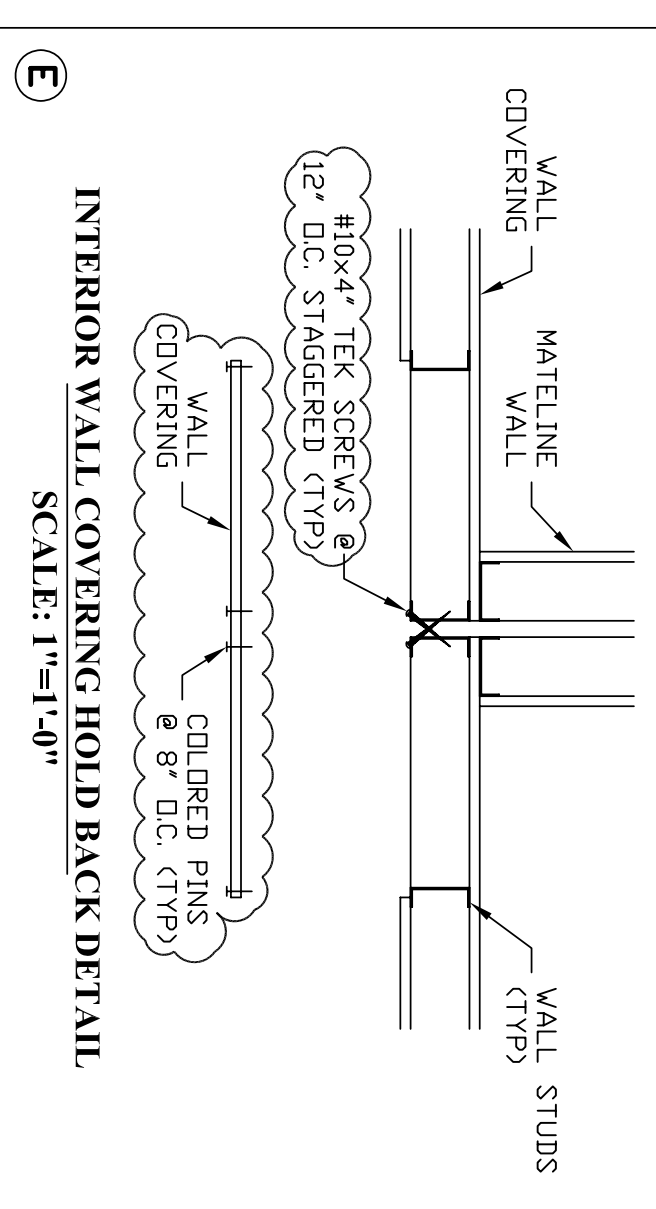
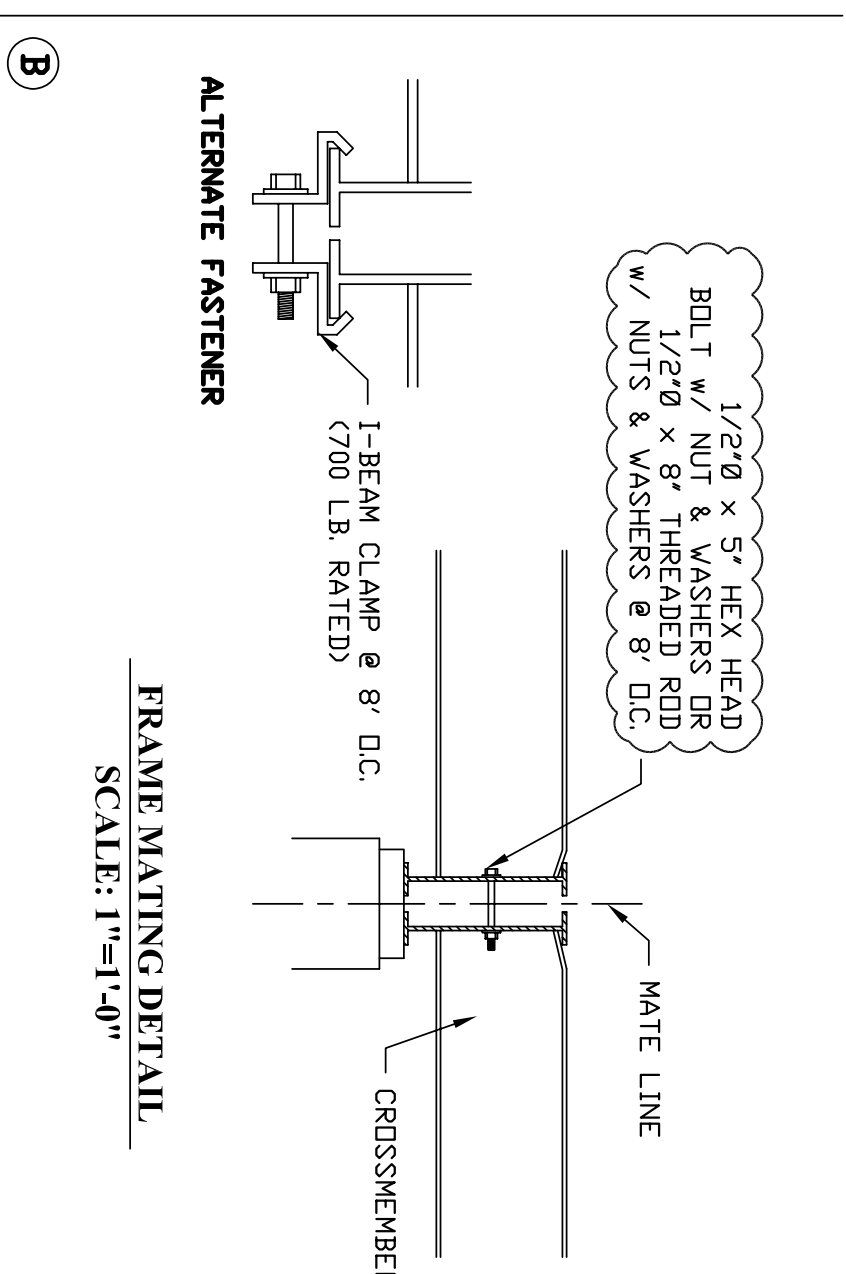
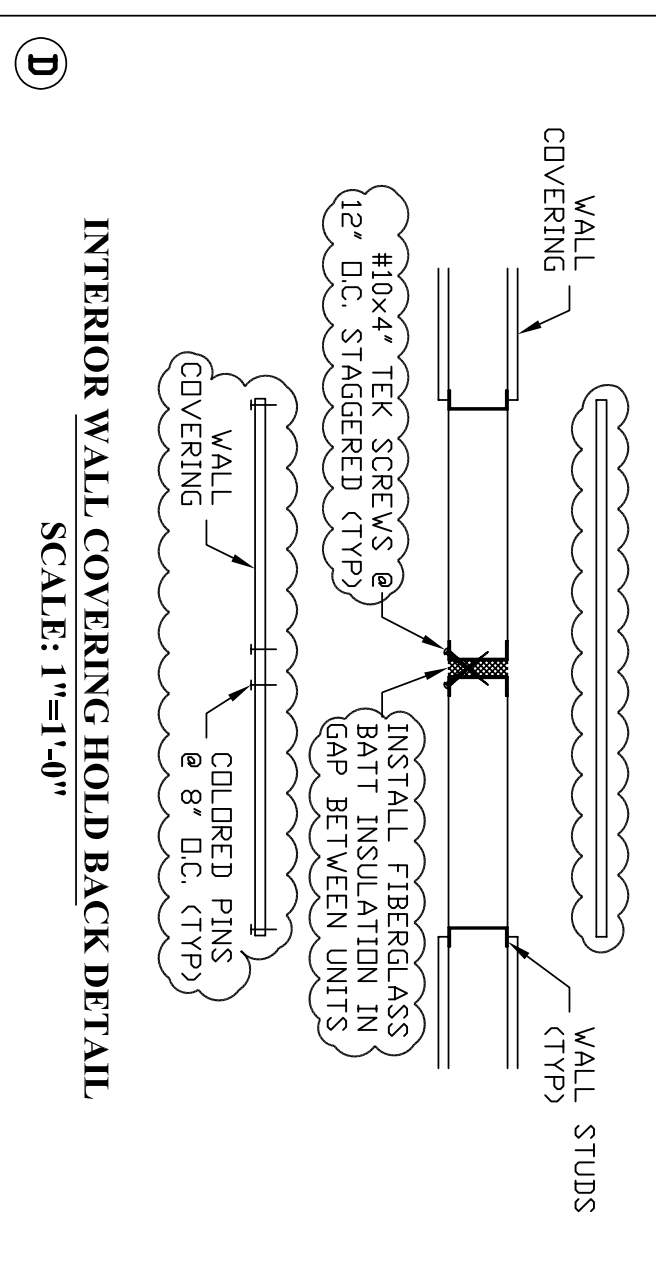
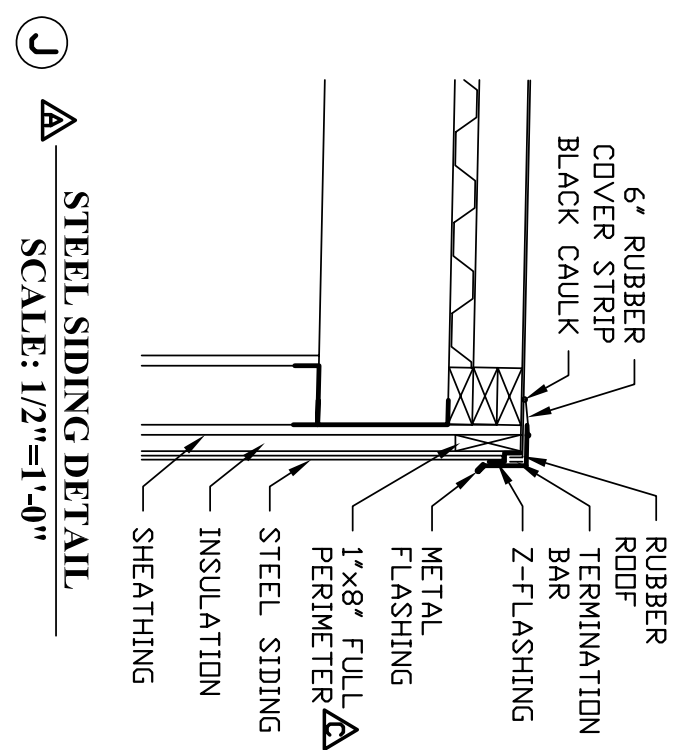
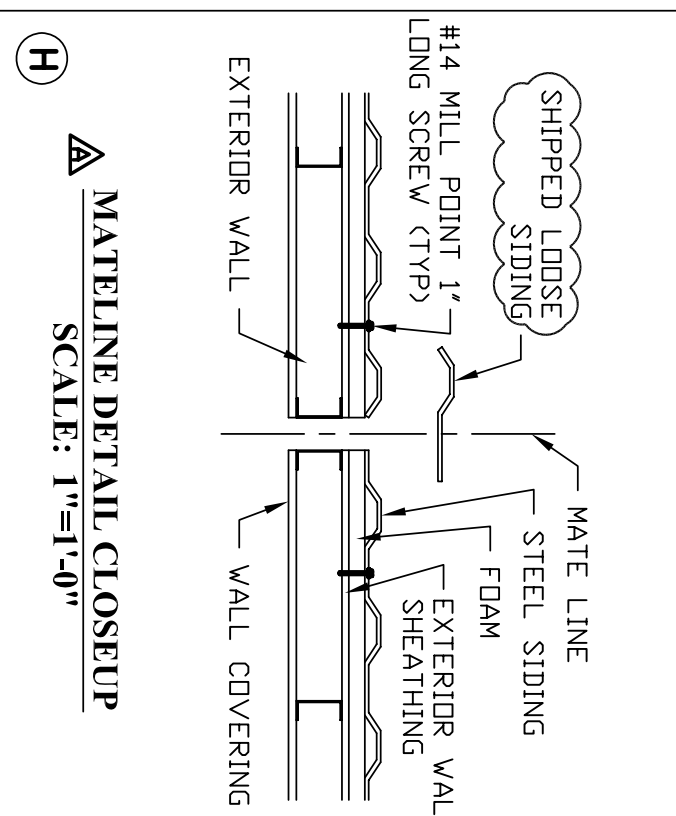
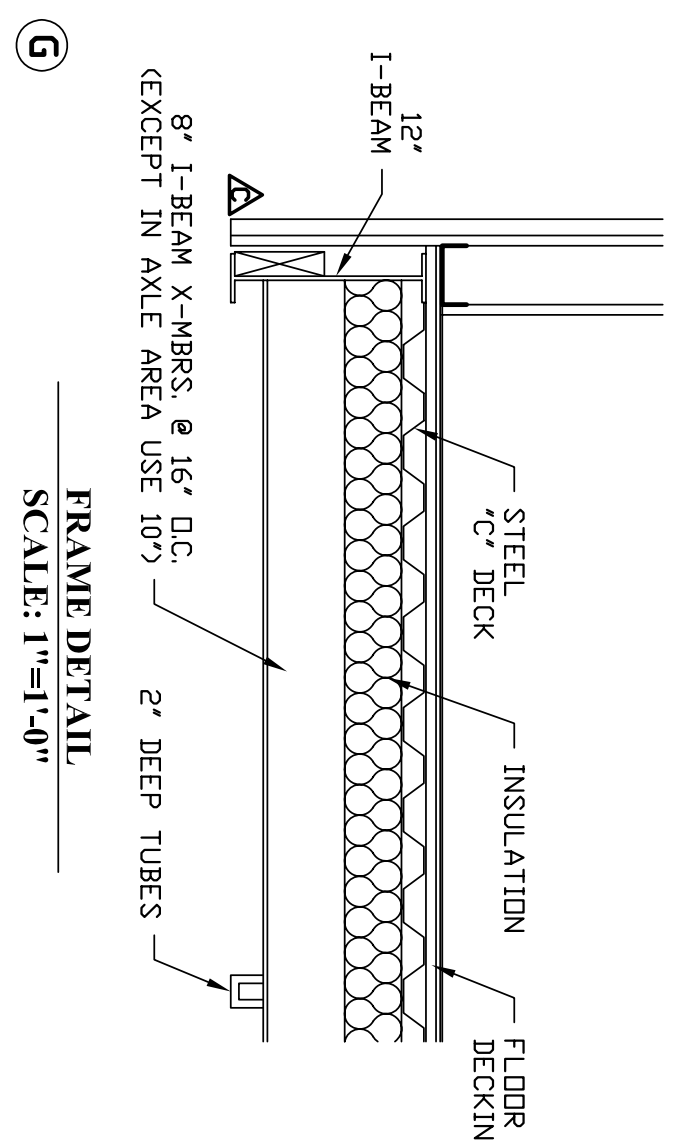
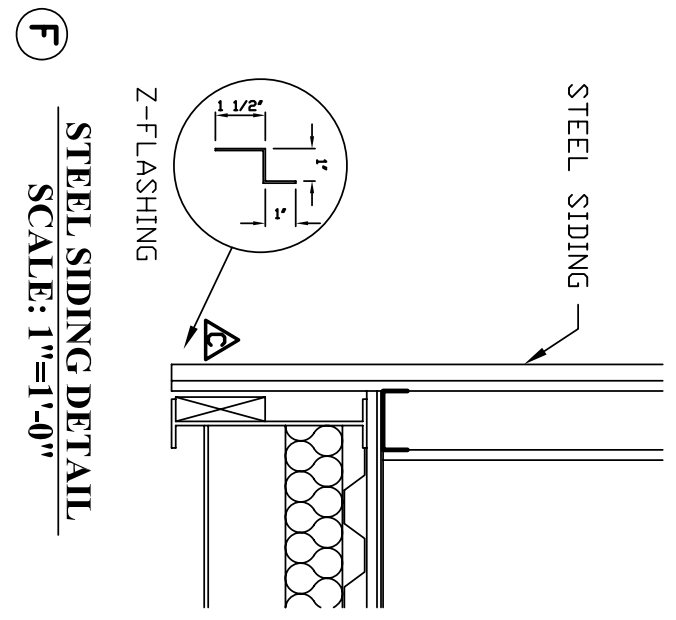
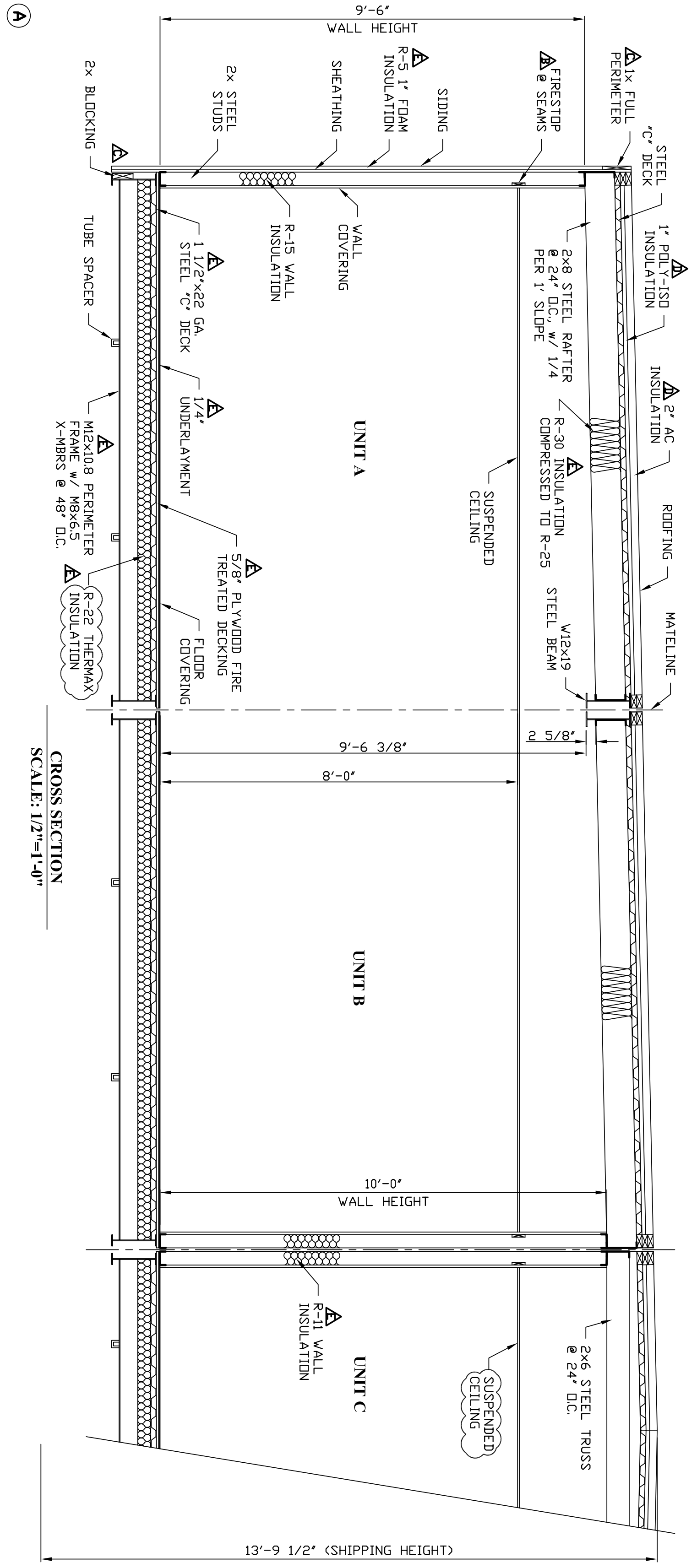
ALL ITEMS THAT ARE CLOIBED ARE FIELD INSTALLED

REV	DESCRIPTION	DATE	BY
	CUSTOMER	11/2/11	AM
	CUSTOMER	10/28/11	AM



NADLER MOBILE OFFICES, LLC
PROJECT NAME: BROOKLYN HEAD START
PLANT LOCATION: EPHRATA, PA

MODEL: E-56104
DATE: 10/10/11
DRAWN BY: AM
DRAWING SCALE: 1/4"=1'-0"
QUOTE NO.: QTE00009782-E
SERIAL NO.: PA-027990-99
DRAWING NUMBER: H1



PE SEALS:

REV	DESCRIPTION	DATE	BY
AS BUILT		1/6/12	AM
PRODUCTION		11/16/11	AM
PRODUCTION		11/10/11	AM
PRODUCTION		11/8/11	AM
CUSTOMER		10/28/11	AM

ALL ITEMS THAT ARE CIRCLED ARE FIELD INSTALLED

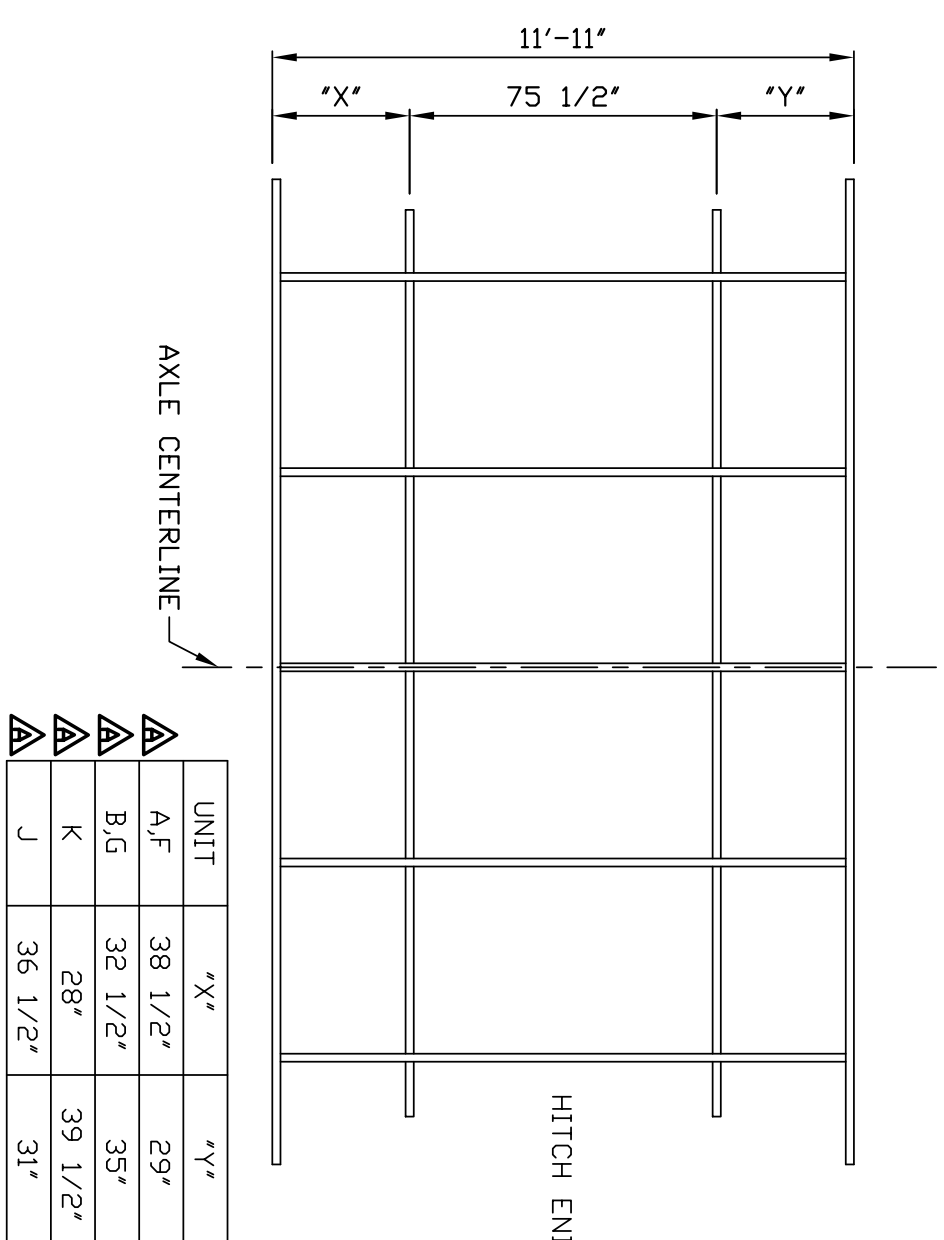


NADLER MOBILE OFFICES, LLC

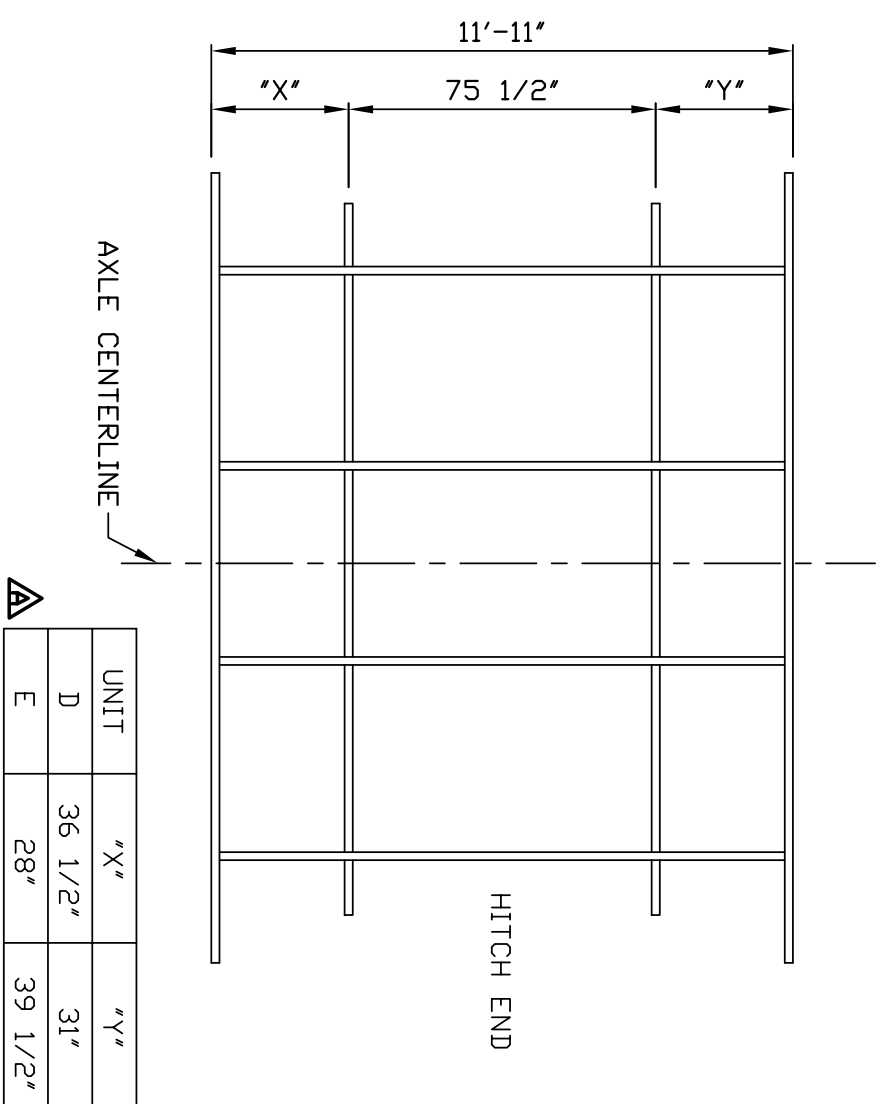
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BROOKLYN HEAD START

PLANT LOCATION: EPHRATA, PA

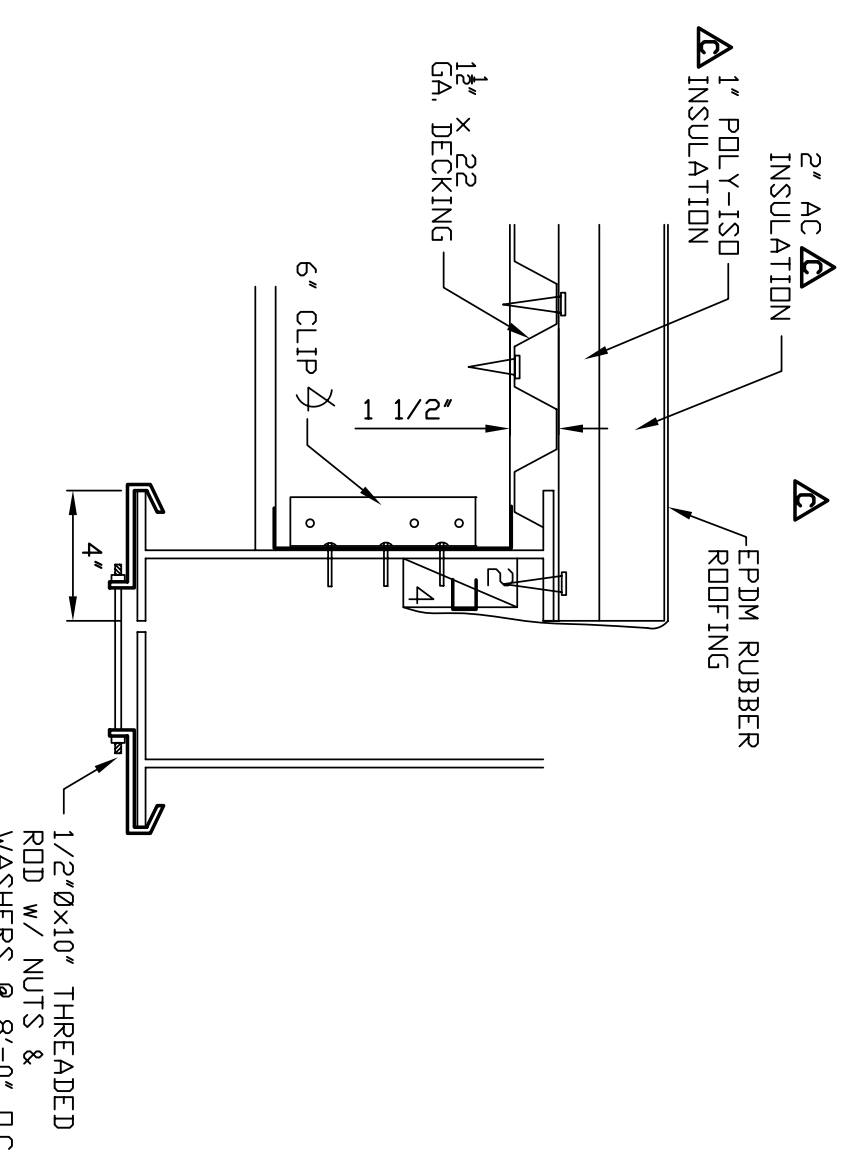
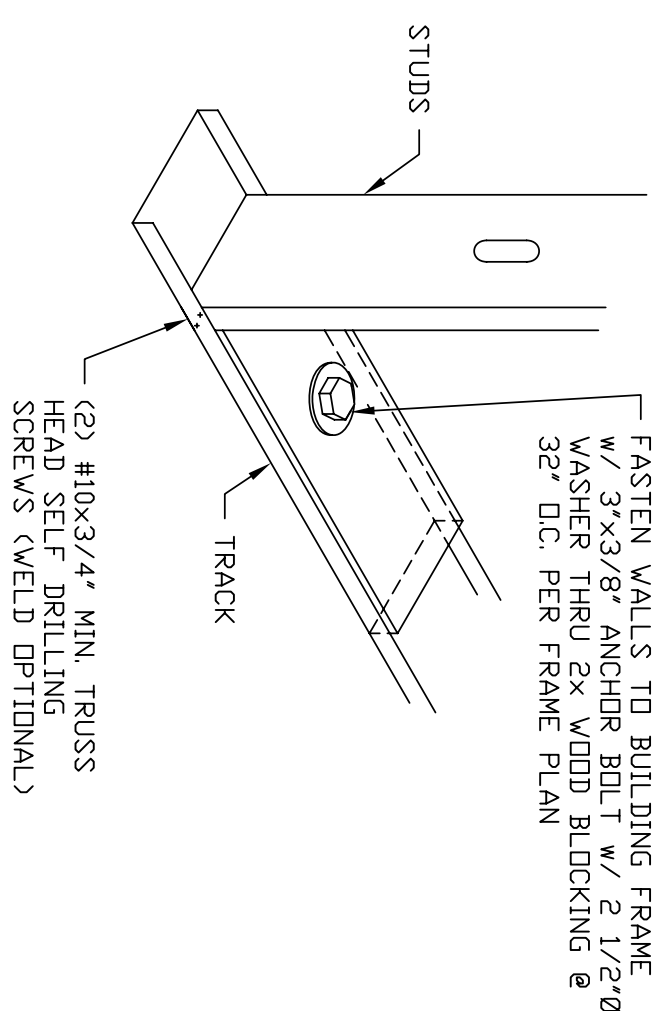
MODEL: E-56104
DATE: 10/10/11
DRAWN BY: AM
DRAWING SCALE: AS NOTED
QUOTE NO.: 01E00009782-E
SERIAL NO.: PA-027990-99
DRAWING NUMBER: D1



FRAME DETAIL
SCALE: 1/4"=1'-0"



WALL TRACK TO FLOOR CONNECTION
NTS

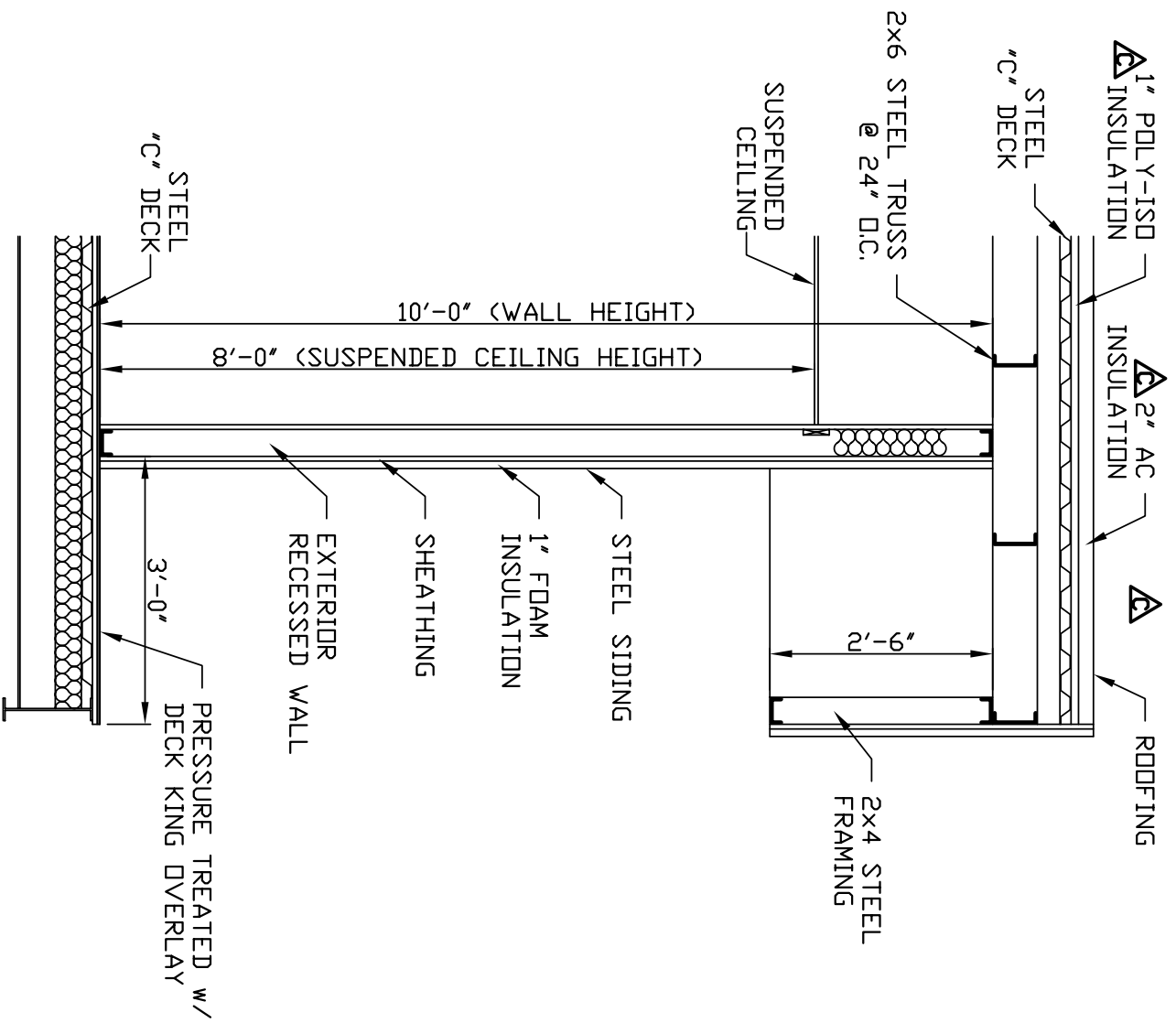


ROOF DECK DETAIL
SCALE: 2"=1'-0"

FASTENING SCHEDULE

- B-DECK TO FRAME: 9/16" HULTI POWER ACTUATED PINS @ 12" O.C. AT EACH CROSSMEMBER.
- EXTERIOR WALLS TO FLOOR: 3/8" Ø x 3" LONG BOLTS THRU BOTTOM PLATE @ 32" O.C. AND 8" FROM ENDS.
- WALL STUDS TO TRACK: (2) #6 DR #8 x 3/4" MODIFIED TRUSS HEAD (TRSD) SCREWS EACH END.
- GYPSON TO STUDS: CONTINUOUS BEAD 3/8" ADHESIVE w/ 0.145" Ø x 1 1/2" STEEL PINS DR #8 x 1 1/2" BUGLE HEAD SCREWS, 6" O.C. @ TOP AND BOTTOM.
- SHEATHING TO STUDS: 0.145" Ø x 1 1/2" STEEL PINS DR #8 x 1 1/2" BUGLE HEAD SCREWS, 6" O.C. @ EDGES AND 12" O.C. IN FIELD.
- WALLS TO PARTITIONS: #8 x 1 1/2" TEK SCREWS, 12" O.C.
- WALLS TO PARTITIONS: #8 x 1 1/2" TEK SCREWS, 12" O.C.
- STEEL SIDING TO WALL: #12-14 x 1 1/2" SELF TAPPING SCREW w/ NEOPRENE WASHER.
- B-DECK TO RAFTER: #8 x 3/4" MODIFIED TRUSS HEAD (TRSD) SCREWS @ 12" O.C.
- RAFTER TO WATE BEAM OR RAFTER TO ROOF RAILS: 2" x 2" x 6" LONG, 14 GA. STEEL ANGLE w/ (3) 0.145" Ø x 1" STEEL PINS DR (3) #8 x 1" TEK SCREWS

D



SECTION THRU ENTRY
SCALE: 1/2"=1'-0"

E

ALL ITEMS THAT ARE CLOUDED ARE FIELD INSTALLED

REV	DESCRIPTION	DATE	BY
	PRODUCTION	11/16/11	AM
	CUSTOMER	11/4/11	AM
	CUSTOMER	10/28/11	AM



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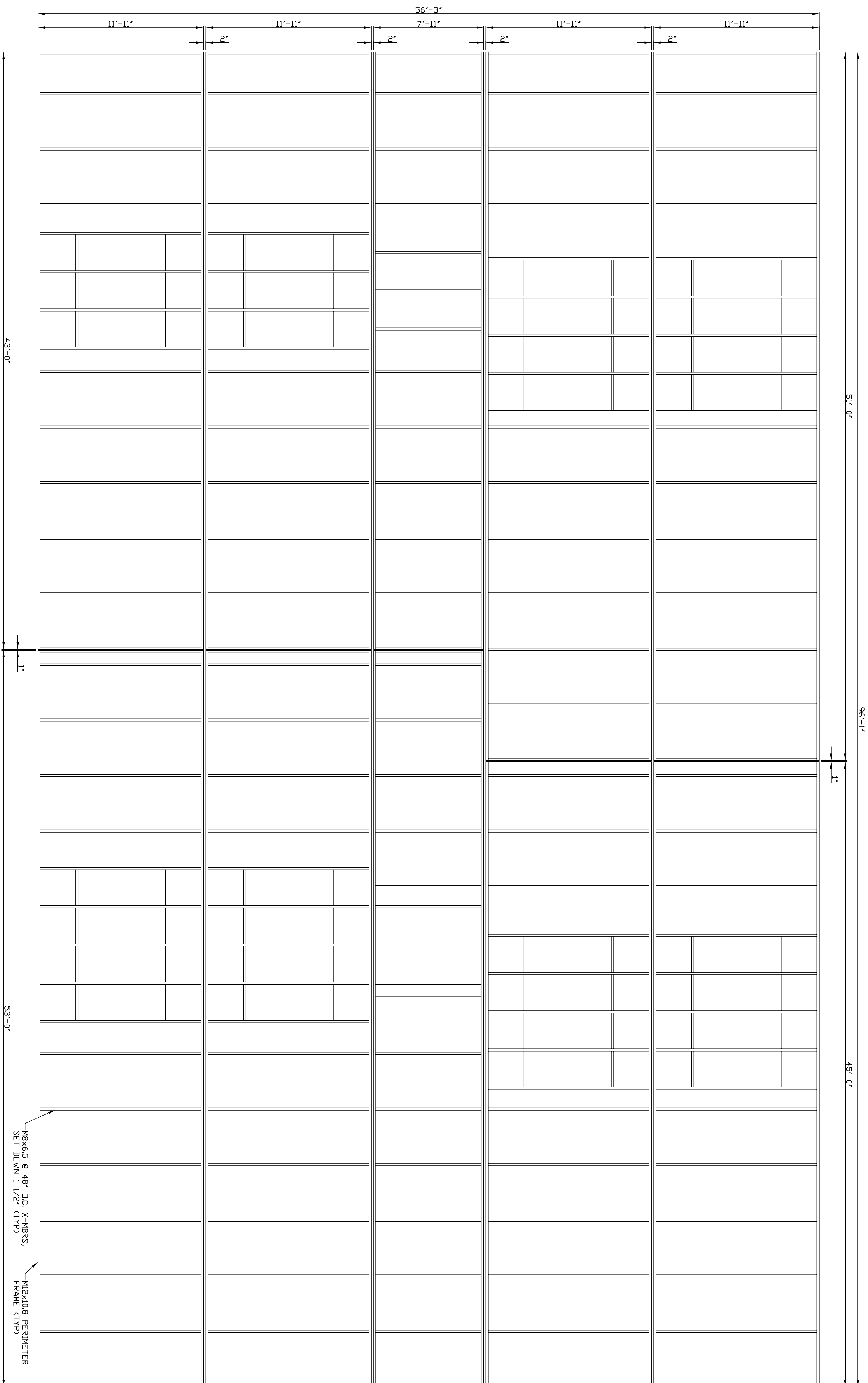
NADLER MOBILE OFFICES, LLC

PROJECT NAME:
BROOKLYN HEAD START

PLANT LOCATION: EPHRATA, PA

MODEL:	E-56104
DATE:	10/10/11
DRAWN BY:	AM
DRAWING SCALE:	AS NOTED
QUOTE NO.:	QIE00009782-E
SERIAL NO.:	
PA-027990-99	
DRAWING NUMBER:	


D2

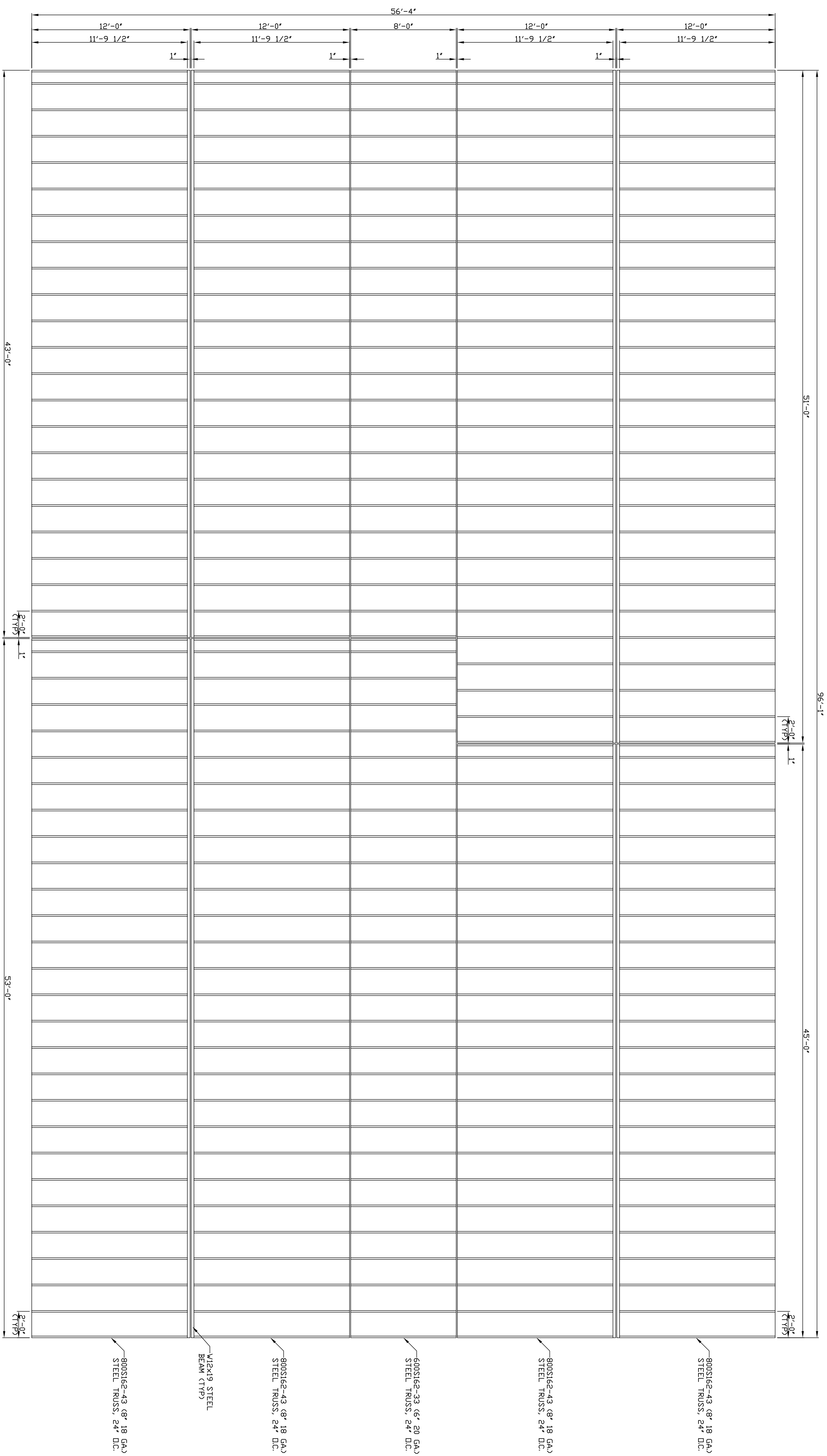


FLOOR FRAMING
SCALE: 1/4"=1'-0"

8x6 S @ 48" O.C. X-MBRS,
SET DOWN 1 1/2" (TYP)

12x10 S PERIMETER
FRAME (TYP)

<p>MODEL: E-56104</p> <p>DATE: 10/10/11</p> <p>DRAWN BY: AM</p> <p>DRAWING SCALE: AS NOTED</p> <p>QUOTE NO.: QTE00009782-E</p> <p>SERIAL NO.: PA-027990-99</p> <p>DRAWING NUMBER: D3</p>	<p>NADLER MOBILE OFFICES, LLC</p> <p>PROJECT NAME: BROOKLYN HEAD START</p> <p>PLANT LOCATION: EPHRATA, PA</p>	 <p>© 2011 MARK LINE INDUSTRIES</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">REV</th> <th style="text-align: left;">DESCRIPTION</th> <th style="text-align: left;">DATE</th> <th style="text-align: left;">BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td>AS BUILT</td> <td>1/6/12</td> <td>AM</td> </tr> </tbody> </table>	REV	DESCRIPTION	DATE	BY		AS BUILT	1/6/12	AM	<p style="text-align: center; border: 1px solid black; padding: 5px;">ALL ITEMS THAT ARE CLOUDED ARE FIELD INSTALLED</p>	<p style="text-align: right;">PE SEALS:</p>
REV	DESCRIPTION	DATE	BY										
	AS BUILT	1/6/12	AM										



ROOF FRAMING
SCALE: 1/4"=1'-0"

PE SEALS:

ALL ITEMS THAT ARE CLOIDED ARE FIELD INSTALLED

REV	DESCRIPTION	DATE	BY
	AS BUILT	1/6/12	AM

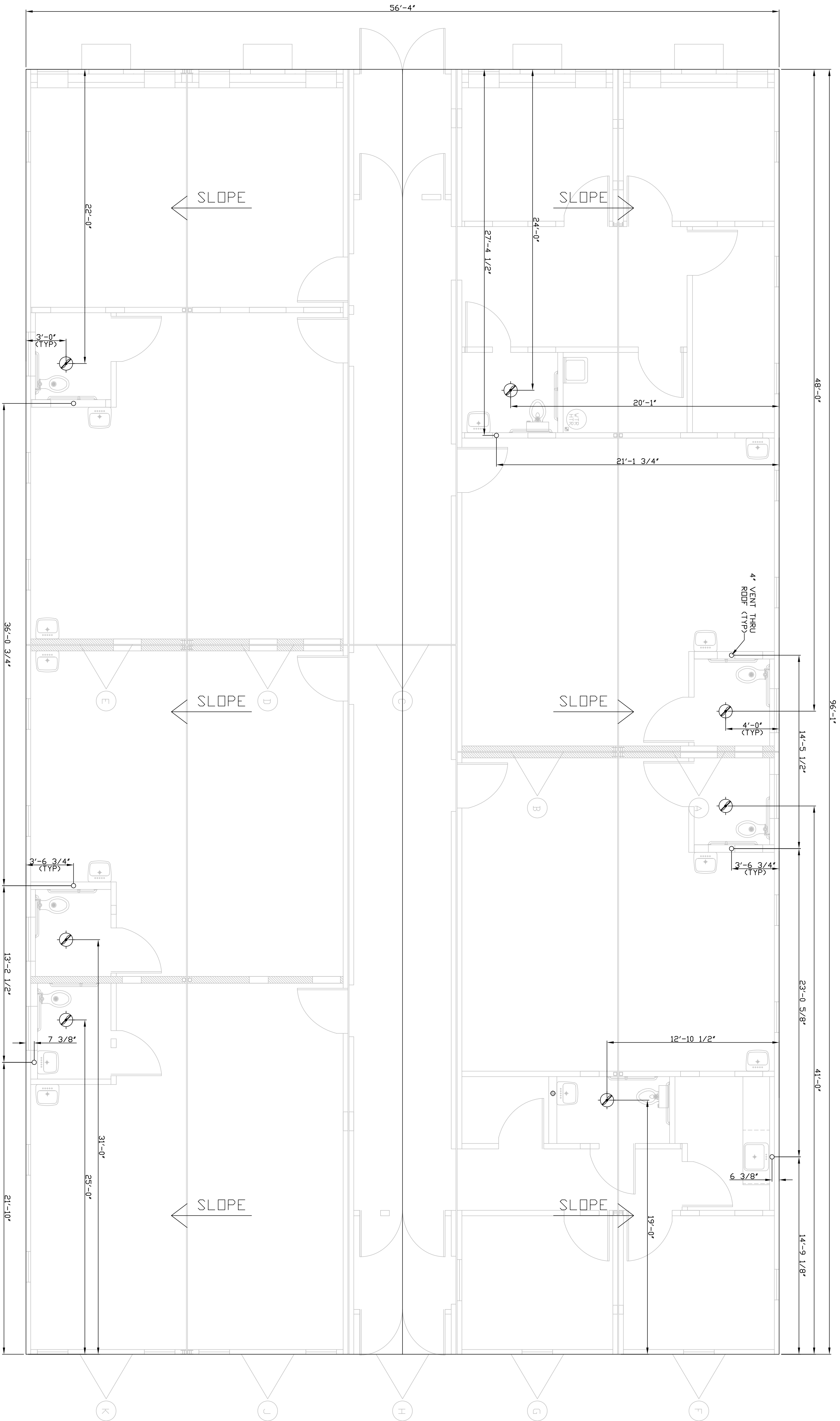


NADLER MOBILE OFFICES, LLC

PROJECT NAME:
BROOKLYN HEAD START

PLANT LOCATION: **EPHRATA, PA**

MODEL: E-56104
DATE: 10/10/11
DRAWN BY: AM
DRAWING SCALE: AS NOTED
QUOTE NO.: 01E00009782-E
SERIAL NO.: **PA-027990-99**
DRAWING NUMBER: **D4**



ROOF PLAN
SCALE: 1/4"=1'-0"

MODEL:	E-56104
DATE:	10/10/11
DRAWN BY:	AM
DRAWING SCALE:	AS NOTED
QUOTE NO.:	01E00009782-E
SERIAL NO.:	PA-027990-99
DRAWING NUMBER:	

NADLER MOBILE OFFICES, LLC

PROJECT NAME:
BROOKLYN HEAD START

PLANT LOCATION: **EPHRATA, PA**



REV	DESCRIPTION	DATE	BY
	AS BUILT	1/6/12	AM

ALL ITEMS THAT ARE CLOTTED ARE FIELD INSTALLED

PE SEALS:

COMcheck Software Version 3.7.1
Envelope Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
 Project Title: **BROOKLYN HEAD START**
 Construction Site: _____ Owner/Agent: _____ Designer/Contractor: _____

Section 2: General Information

Building Location (for weather data): **New York, New York**
 Climate Zone: **4b**
 Vertical Glazing / Wall Area Pct: **10%**
 Activity Type(s): **Elementary School/University**
 School/University: **5413**

Section 3: Requirements Checklist

Envelope Passes Design to Meet the Code

Climate-Specific Requirements:

Component Name/Description	Gross Area or Parameter	Calc. R-Value	Code R-Value	U-Factor	Proposed U-Factor	Budget U-Factor
Roof 1: 1462 Roof with Steel Joists	5413	25.0	18.0	0.028	0.027	0.027
Exterior Wall 1: Sheetrock, 1/2" G.C.	2898	15.0	5.0	0.074	0.064	0.064
Exterior Wall 2: Sheetrock, 1/2" G.C., 1" Insulation	2898	15.0	5.0	0.074	0.064	0.064
Window 2: Vinyl Frame/Double Pane with Low-E Glass, SHGC 0.35	2898	15.0	5.0	0.320	0.400	0.400
Door 1: Insulated Metal, Sliding	60	60	60	0.157	0.200	0.200
Floor 1: Steel Joist	5413	0.0	22.0	0.040	0.033	0.033

(*) Budget U-factors are used for software database calculations ONLY, and are not code requirements.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- 1. All joints and penetrations are caulked, gasketed, weather-stripped, or otherwise sealed.
- 2. Windows, doors, and skylights certified as meeting leakage requirements.
- 3. Component Retarder & Vapor Retarder specified as certified.
- 4. Retarder & Vapor Retarder installed in accordance with the manufacturer's instructions.
- 5. Vapor retarder installed.

Section 4: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and code requirements. The design has been prepared in accordance with the proposed envelope system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in COMcheck Version 3.7.1, and to comply with the mandatory requirements in the Requirements Checklist.

When a Registered Design Professional has stamped and signed this page, they are attesting that they are attesting that to the best of their knowledge, belief, and professional judgment, such plans or specifications are in compliance with the Code.

Project Title: **BROOKLYN HEAD START** Report date: 01/09/12
 Date Issued: **J:\008\EPHrata Pennsylvania\PA-027990-99\NYCC\CC** Page 1 of 4

Name - Title _____ Signature _____ Date _____

COMcheck Software Version 3.7.1
Interior Lighting Compliance Certificate

2010 New York Energy Conservation Construction Code

Section 1: Project Information

Project Type: **New Construction**
 Project Title: **BROOKLYN HEAD START**
 Construction Site: _____ Owner/Agent: _____ Designer/Contractor: _____

Section 2: General Information

Building Use Description by Activity Type: **Activity Type**
 Activity Type(s): **Elementary School/University**
 School/University: **5413**

Section 3: Requirements Checklist

- 1. Total proposed watts must be less than or equal to total allowed watts.
 Allowed Watts: **6495** Proposed Watts: **5390** Compliance: **YES**

Exterior Lighting:

- 2. Comply with Sections 401.3.1 and 401.3.1.1 of 90.1-1899 Code and attach documentation.

Controls, Switching, and Wiring:

- 3. Master switch at entry to nonhabitable guest room.
- 4. Minimum of one manual control for each space with no task activity (i.e. storage). Multiple manual controls, occupancy sensor, automatic timer, or dimmer in other spaces.
- 5. Lighting for emergency or exit egress or intended for continuous operation.
- 6. Occupancy sensor for exterior lighting.
- 7. Lighting provided for 24-hour use.
- 8. Triplen-wired one-way and three-way ballasts (No single-lamp ballasts).
- 9. Triplen-wired one-way and three-way ballasts (No single-lamp ballasts).

Section 4: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications, and code requirements. The design has been prepared in accordance with the proposed lighting system has been designed to meet the 2010 New York Energy Conservation Construction Code requirements in COMcheck Version 3.7.1, and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title _____ Signature _____ Date _____

Project Title: **BROOKLYN HEAD START** Report date: 01/09/12
 Date Issued: **J:\008\EPHrata Pennsylvania\PA-027990-99\NYCC\CC** Page 3 of 4

COMcheck Software Version 3.7.1
Interior Lighting Application Worksheet

2010 New York Energy Conservation Construction Code

Section 1: Allowed Lighting Power Calculation

Area Category	Area (A)	Req. Power (W/ft ²)	Allowed Watts (B)	Allowed Watts (C)	Allowed Watts (D)
School/University	5413	1.2	6495	6495	6495
Total Allowed Watts =			6495		

Section 2: Proposed Lighting Power Calculation

Fixture ID: Description / Luminaire / Multiple Per Lamp / Ballast	A	B	C	D	E
Fixture ID: Description / Luminaire / Multiple Per Lamp / Ballast	Area (A)	Req. Power (W/ft ²)	Number of Fixtures	Fixture Watt. (C x D)	Total Proposed Watts (E)
School/University (5413 sq ft)	5413	1.2	2	66	520
Linear Fluorescent 2' x 4' / Electronic	2	2	2	66	66
Linear Fluorescent 2' x 4' / Electronic	2	2	2	66	66
Total Proposed Watts =					5390

If the Total Allowed Watts minus the Total Proposed Watts is greater than or equal to zero, the building complies.

Total Allowed Watts = 6495
 Total Proposed Watts = 5390
 Project Compliance = 110%

Interior Lighting Passes Design to Meet the Code

PE SEALS:

ALL ITEMS THAT ARE CLOUIDED ARE FIELD INSTALLED

REV	DESCRIPTION	DATE	BY
	AS BUILT	1/6/12	AM



NADLER MOBILE OFFICES, LLC
 PROJECT NAME: **BROOKLYN HEAD START**
 PLANT LOCATION: **EPHRATA, PA**

MODEL: **E-56104**
 DATE: **10/10/11**
 DRAWN BY: **AM**
 DRAWING SCALE: **AS NOTED**
 QUOTE NO.: **QTE00009782--E**
 SERIAL NO.: **PA-027990-99**
 DRAWING NUMBER: **D6**

ALL ITEMS THAT ARE CLOIBED ARE FIELD INSTALLED

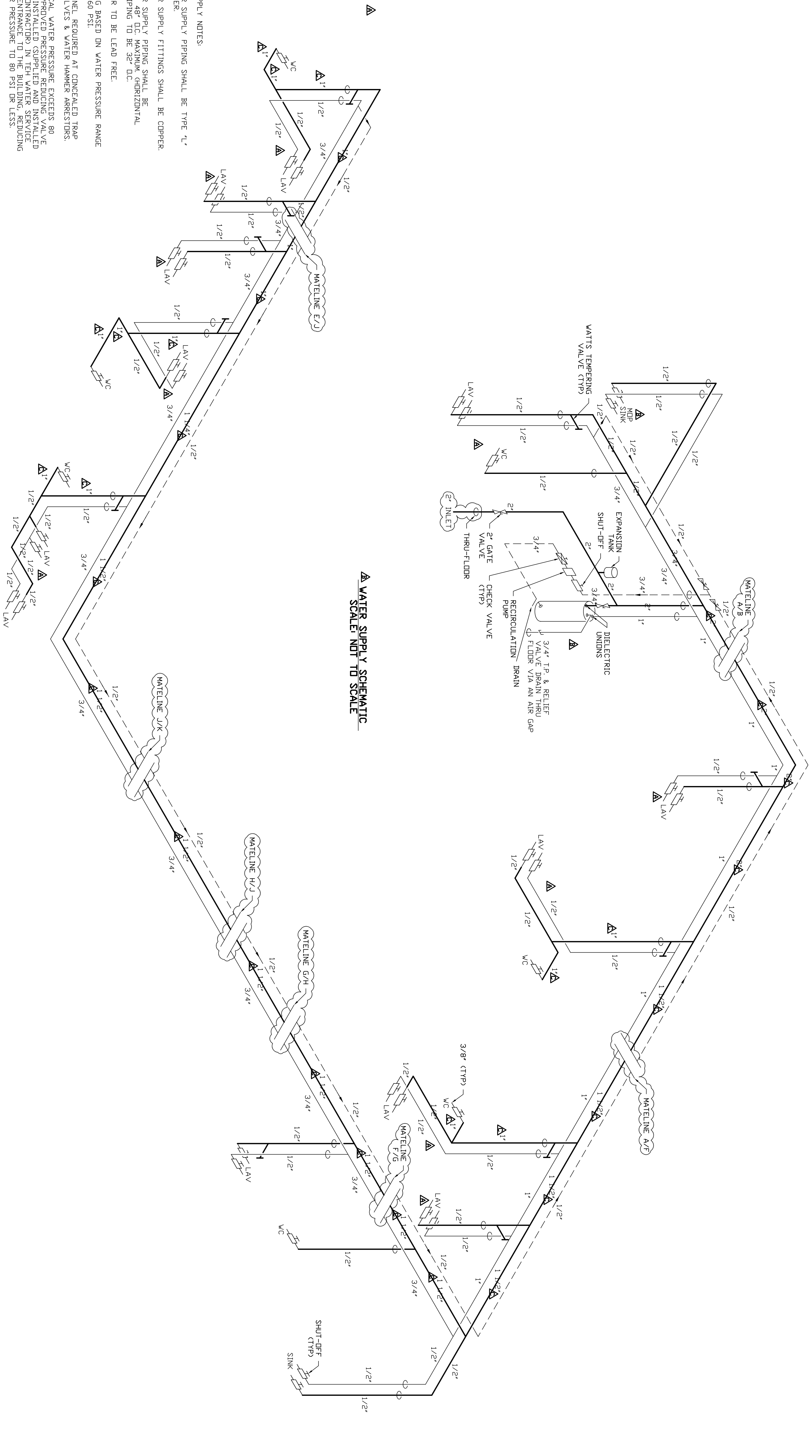
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	PRODUCTION	11/16/11	AM
	CUSTOMER	11/2/11	AM
	CUSTOMER	10/28/11	AM



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NADLER MOBILE OFFICES, LLC
PROJECT NAME:
BROOKLYN HEAD START
PLANT LOCATION: EPHRATA, PA

MODEL: E-56104
DATE: 10/10/11
DRAWN BY: AM
DRAWING SCALE: AS NOTED
QUOTE NO.: 01E00009782-E
SERIAL NO.:
PA-027990-99
DRAWING NUMBER:
P1

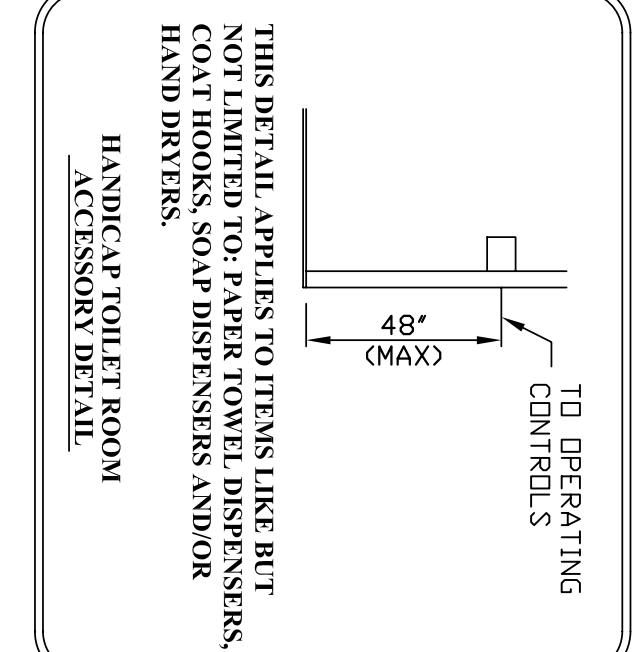
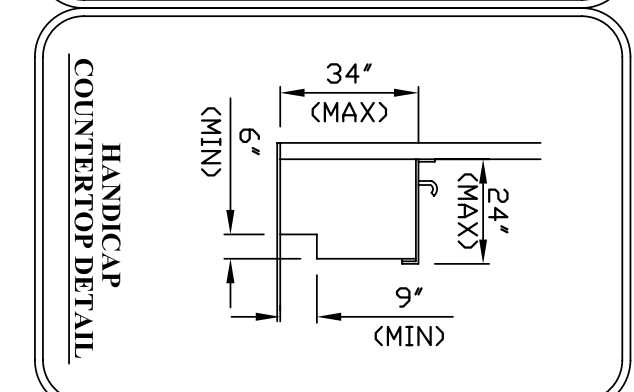
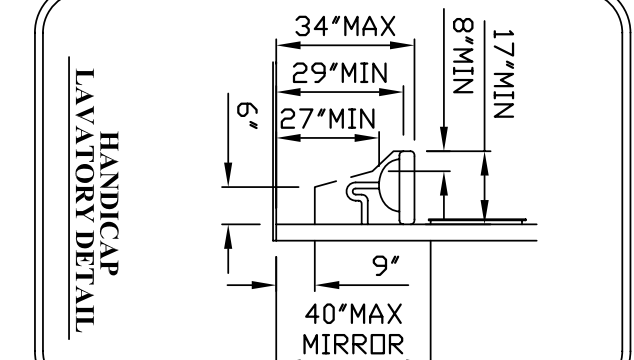
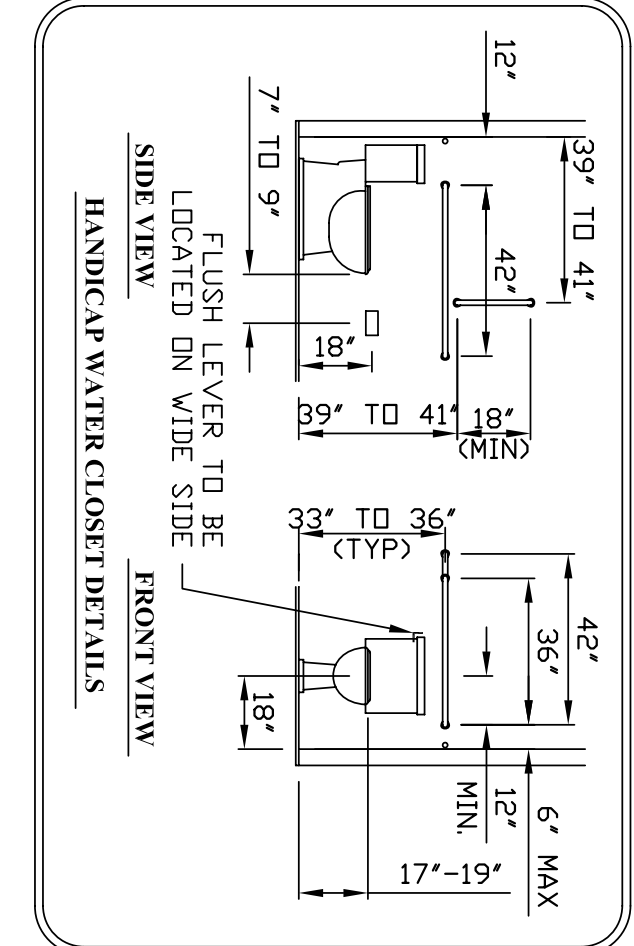
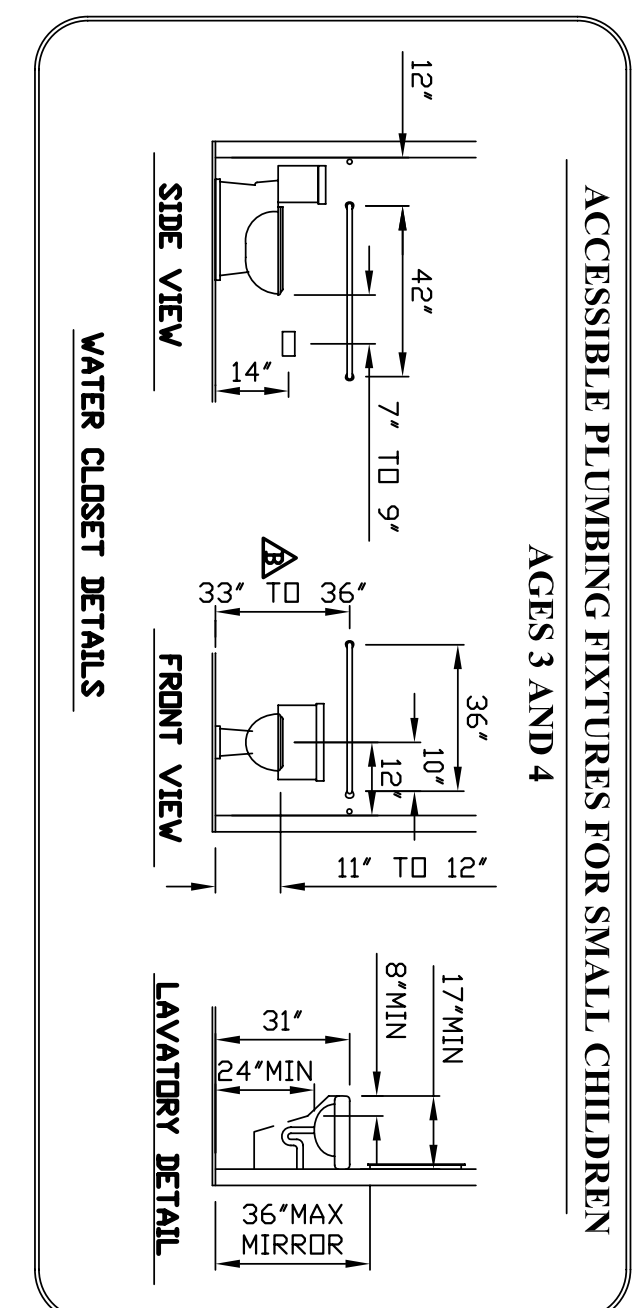


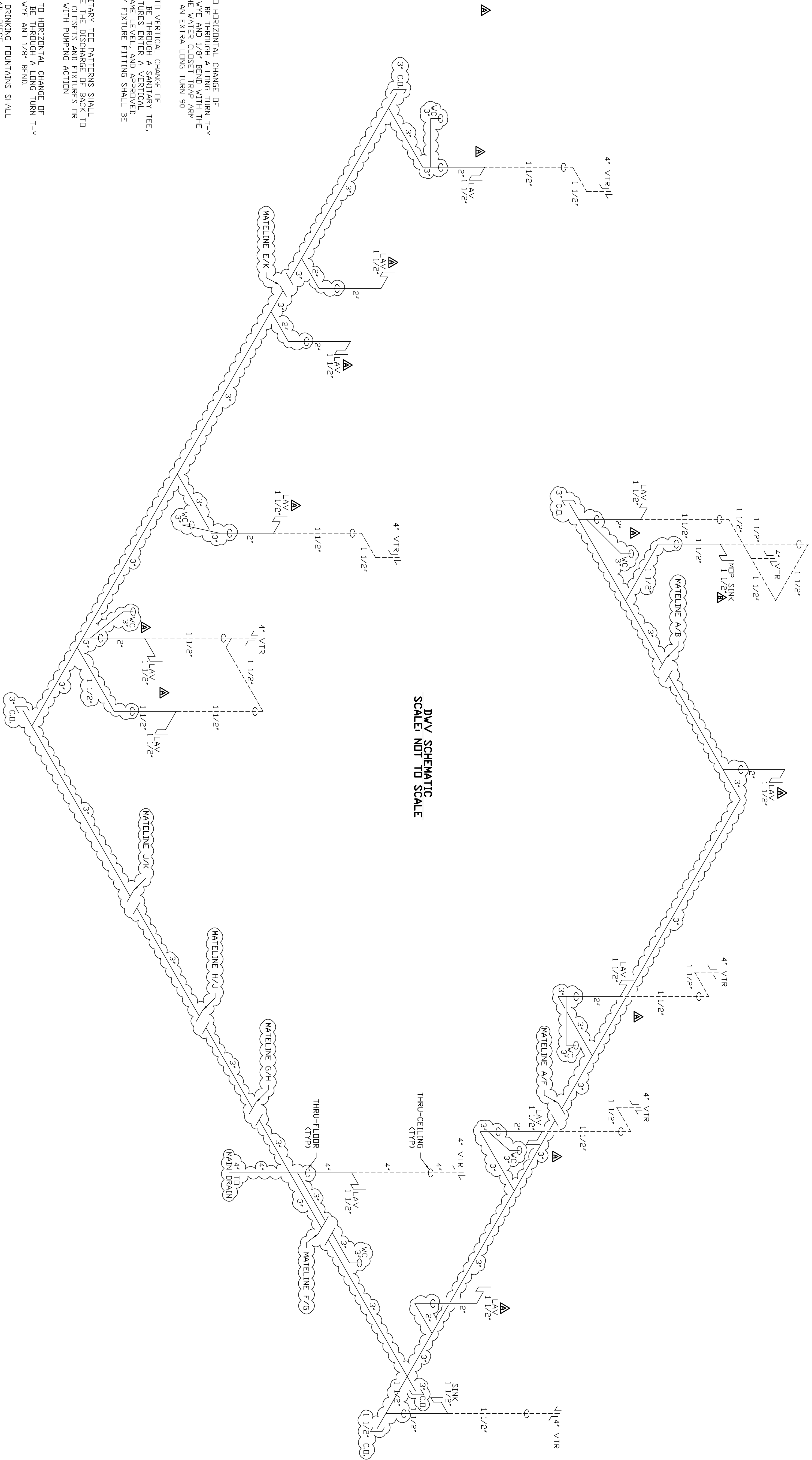
WATER SUPPLY NOTES:
 ALL WATER SUPPLY PIPING SHALL BE TYPE "L" HARD COPPER.
 ALL WATER SUPPLY FITTINGS SHALL BE COPPER.
 ALL WATER SUPPLY PIPING SHALL BE SUPPORTED 48" OC. MAXIMUM HORIZONTAL PLASTIC PIPING TO BE 32" OC.
 ALL SOLDER TO BE LEAD FREE.
 PIPE SIZING BASED ON WATER PRESSURE RANGE OF 46 TO 60 PSI.
 ACCESS PANEL REQUIRED AT CONCEALED TRAP PRIMER VALVES & WATER HAMMER ARRESTORS.
 WHERE LOCAL WATER PRESSURE EXCEEDS 80 PSI, AN APPROVED PRESSURE REDUCING VALVE SHALL BE INSTALLED (SUPPLIED AND INSTALLED BY SITE CONTRACTOR) IN THE WATER SERVICE NEAR ITS ENTRANCE TO THE BUILDING, REDUCING THE WATER PRESSURE TO 80 PSI OR LESS.
 DRAIN VALVE SHALL BE INSTALLED FOR TANK TYPE WATER HEATERS.

NOTES:
 PLANT TO INSTALL AS MUCH PLUMBING POSSIBLE, ALL PLUMBING BELOW FLOOR IS TO BE SUPPLIED AND INSTALLED BY SITE CONTRACTOR.

A DEVICE FOR CONTROLLING INCREASED WATER PRESSURE CAUSED BY THERMAL EXPANSION SHALL BE PROVIDED BY THE SITE CONTRACTOR. SECTION 607.3.1 OF THE SUPPLEMENTARY SPECIFICATIONS IS REQUIRED BY THE PUBLIC WATER PURVEYOR. THE VALVE SHALL HAVE A BUILT-IN THERMAL BYPASS IN ACCORDANCE WITH SECTION 67.3.1 OR IF A BACKFLOW PREVENTION DEVICE OR CHECK VALVE IS REQUIRED, A THERMAL EXPANSION TANK SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH SECTION 607.3.2.

PIPE INSULATION ONLY REQUIRED ON CIRCULATING HOT WATER SYSTEMS PER NYS SECTION 504.5





**DWV SCHEMATIC
SCALE NOT TO SCALE**

DWV NOTES:

ALL VERTICAL TO HORIZONTAL CHANGE OF DIRECTION SHALL BE THROUGH A LONG TURN T-Y CONNECTION AND NOT THROUGH A 90° ELBOW. THE EXCEPTION OF THE WATER CLOSET TRAP ARM WHICH SHALL BE AN EXTRA LONG TURN 90° ELBOW.

ALL HORIZONTAL TO VERTICAL CHANGE OF DIRECTION SHALL BE THROUGH A SANITARY TEE, OR WHEN (2) FIXTURES ENTER A VERTICAL STACK AT THE SAME LEVEL, AND APPROVED DOUBLE SANITARY FITTING SHALL BE USED.

NOTE: DOUBLE SANITARY TEE PATTERNS SHALL NOT RECEIVE THE DISCHARGE OF BACK TO BACK WATER CLOSETS AND FIXTURES OR APPLIANCES WITH PUMPING ACTION DISCHARGE.

ALL HORIZONTAL TO HORIZONTAL CHANGE OF DIRECTION SHALL BE THROUGH A LONG TURN T-Y OR COMBINATION WYE AND 1/8" BEND.

LAVATORIES AND DRINKING FOUNTAINS SHALL HAVE A 1/4" TAIL PIECE.

ALL DWV PIPE AND FITTINGS SHALL BE: DWV CAST IRON

ALL HORIZONTAL RUNS SHALL BE SUPPORTED 48" DC. MAXIMUM.

ALL HORIZONTAL RUNS SHALL HAVE A UNIFORM SLOPE OF 1/8" PER FOOT TOWARD DRAIN FOR LONGER THAN 3' PIPE.

ALL HORIZONTAL RUNS SHALL HAVE A UNIFORM SLOPE OF 1/4" PER FOOT TOWARD DRAIN FOR 3' AND SMALLER PIPE.

ALL TRAP ARMS SHALL HAVE A UNIFORM SLOPE OF 1/4" PER FOOT TOWARD DRAIN.

PIPE INSULATION DWV REQUIRED ON CIRCULATING HOT WATER SYSTEMS PER NYS SECTION 504.5

PE SEALS:

ALL ITEMS THAT ARE CLOUIDED ARE FIELD INSTALLED

REV	DESCRIPTION	DATE	BY
	CUSTOMER	11/2/11	AM
	CUSTOMER	10/28/11	AM



NADLER MOBILE OFFICES, LLC

PROJECT NAME:
BROOKLYN HEAD START

PLANT LOCATION: EPHRATA, PA

MODEL: E-56104
DATE: 10/10/11
DRAWN BY: AM
DRAWING SCALE: AS NOTED
QUOTE NO.: QTE00009782-E
SERIAL NO.: PA-027990-99
DRAWING NUMBER: P2