BUILDING CODE INFORMATION

APPLICABLE CODES AND STANDARDS
2022 CT STATE BUILDING CODE
2022 CT STATE FIRE SAFETY CODE
2022 CT STATE FIRE PREVENTION CODE

ADOPTED MODEL CODES:
2021 INTERNATIONAL BUILDING CODE (IBC)
2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2021 INTERNATIONAL MECHANICAL CODE (IMC)
2021 INTERNATIONAL PLUMBING CODE (IPC)
2020 NFPA 70 NATIONAL ELECTRIC CODE (NEC)
2017 ICC A117.1 ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES
2021 INTERNATIONAL FIRE CODE (IFC)
2021 NFPA 101 - LIFE SAFETY CODE
2021 NFPA 1 - FIRE CODE
2019 NFPA 13
2019 NATIONAL FIRE ALARM AND SIGNALING CODE OF CT
2019 SAFETY CODE FOR ELEVATORS AND ESCALATORS (2019 ASME A17.1)
2010 AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES

CHAPTER 3 USE AND OCCUPANCY CLASSIFICATION
304.1 BUSINESS GROUP B (OFFICE SPACE)
306.1 FACTORY INDUSTRIAL GROUP F (SHOP AREA)
311.1 STORAGE GROUP S (STORAGE AND PARTS CLERK)

CONSTRUCTION TYPE

MINIMUM TYPE OF CONSTRUCTION REQUIRED IIB (602.1-602.5)
ACTUAL CONSTRUCTION PROVIDED IIB

BUILDING HEIGHT & AREA LIMITATIONS (SECTION 503 - 504)

EXEMPT FROM BUILDING HEIGHT PER 503.1.1 BASED ON INTERNAL CRANEWAY IN THE SHOP AREA

BUILDING MAX. ALLOWABLE AREA (SF) (506)			BUILDING ACTUAL (SF)	
IIB BUSINESS	B	69,000 SF	B	20,981 SF
IIB FACTORY	F1	46,500 SF	F1	30,965 SF
IIB STORAGE	S1	52,500 SF	S1	7,352 SF

503.1.1 SPECIAL INDUSTRIAL OCCUPANCIES
BUILDING REQUIRES UNUSUAL HEIGHT TO ACCOMMODATE CRANEWAY AND THEREFORE IS EXEMPT FROM BUILDING HEIGHT, NUMBER OF STORIES, AND BUILDING AREA LIMITATIONS SPECIFIED IN SECTIONS 504 AND 506.

(TABLE 601) **FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)**

PRIMARY STRUCTURAL FRAME	**0 HR**
BEARING WALLS	**0 HR**
EXTERIOR	**0 HR**
NON BEARING WALLS AND PARTITIONS	**0 HR**
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	**0 HR**
ROOF CONSTRUCTION AND SECONDARY MEMBERS	**0 HR**

ENTIRE BUILDING SPRINKLERED = YES
HISTORIC BUILDING = NO

1017.2 EXIT ACCESS TRAVEL DISTANCE

F-1 FACTORY -	ALLOWABLE	250'-0"	PROVIDED	< 250'
S-1 STORAGE -	ALLOWABLE	250'-0"	PROVIDED	< 250'
B BUSINESS -	ALLOWABLE	300'-0"	PROVIDED	< 300'

OCCUPANCY LOAD (SECTION 1004)

FIRST FLOOR	366 P
SECOND FLOOR	89 P
THIRD FLOOR	92P
TOTAL	**547 P**

EXIT CAPACITY (SECTION 1005)

FIRST FLOOR	1,540 P
SECOND FLOOR	440 P
THIRD FLOOR	440 P
TOTAL	**2,420 P**

EGRESS CAPACITY OF DOORS (1005.3.2)

DOORS WITH HOLLOW METAL FRAMES AND BUTT HINGES

SIZE	CLEAR WIDTH	MAX. OCC. LOAD (0.15" / OCC.)
3'-0"	33.125"	220 OCCUPANTS
3'-6"	39.125"	260 OCCUPANTS
4'-0"	45.125"	300 OCCUPANTS
PR 3'-0"	67.125"	447 OCCUPANTS
PR 3'-6"	79.125"	527 OCCUPANTS
PR 4'-0"	91.125"	607 OCCUPANTS
PR 6'-0"	139.125"	928 OCCUPANTS

INTERIOR FINISH REQUIREMENTS BASED ON OCCUPANCY (TABLE 803.13)

GROUP B OCCUPANCY
INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS (SPRINKLERED) = **'B'**
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS = **'C'**
ROOMS AND ENCLOSED SPACES = **'C'**

GROUP F OCCUPANCY
INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS (SPRINKLERED) = **'C'**
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS = **'C'**
ROOMS AND ENCLOSED SPACES = **'C'**

GROUP C OCCUPANCY
INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS (SPRINKLERED) = **'C'**
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS = **'C'**
ROOMS AND ENCLOSED SPACES = **'C'**

DEFERRED SUBMITTAL (DELEGATED DESIGN) LIST PER SECTION 107.3.4.1 OF THE CT STATE BUILDING CODE
1. COLD FORMED METAL FRAMING

TABLE C402.1.3 2021 IECC

ROOF REQ'D = R30 ci PROVIDED = R35.04

TYPICAL ROOF SYSTEM ON STEEL DECK

OUTSIDE AIR FILM	0.17
1 PLY ROOF MEMBRANE	0.50
1/4" COVERBOARD	0.61
6" ROOF INSULATION	33.6
STEEL DECK (EXISTING)	0.00
INSIDE AIR FILM	0.16
TOTAL R VALUE	35.04

WALLS ABOVE GRADE REQ'D = R11.4 ci PROVIDED = 12.24

IPC TABLE 403.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

CLASSIFICATION	OCCUPANCY	TOILETS FEMALE	TOILETS MALE	URINALS (MALES 1 PER)	LAVATORIES (EACH SEX)	DRINKING FOUNTAIN	BATH/ SHOWER	OTHER FIXTURES
BUSINESS	B	25 FOR FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	25 FOR FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	50%	40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	1 PER 100	-	1 SERVICE SINK
FACTORY AND INDUSTRIAL	F-1	1 PER 100	1 PER 100	50%	1 PER 100	1 PER 400	-	1 SERVICE SINK
STORAGE	S-1	1 PER 100	1 PER 100	50%	1 PER 100	1 PER 1000	-	1 SERVICE SINK

OCCUPANCY CLASSIFICATION : F-1
FIRST FLOOR OCCUPANCY : **310P** FEMALES: 155 MALES : 155

TOILETS FEMALES 1 PER 100	TOILETS MALES 1 PER 100	URINALS MALES 1 PER 150	LAVATORIES FEMALES 1 PER 100	LAVATORIES MALES 1 PER 100	DRINKING FOUNTAIN 1 PER 400	BATH/ SHOWER	SERVICE SINK
1.55	1.55	1.03	1.55	1.55	0.775	-	1

OCCUPANCY CLASSIFICATION : B
FIRST FLOOR OCCUPANCY : **30P** FEMALES: 15 MALES : 15

TOILETS FEMALES 1 PER 25	TOILETS MALES 1 PER 25	URINALS MALES 1 PER 50	LAVATORIES FEMALES 1 PER 100	LAVATORIES MALES 1 PER 100	DRINKING FOUNTAIN 1 PER 100	BATH/ SHOWER	SERVICE SINK
0.60	0.60	0.3	0.375	0.375	0.3	-	1

OCCUPANCY CLASSIFICATION : S-1
FIRST FLOOR OCCUPANCY : **25P** FEMALES: 12.5 MALES : 12.5

TOILETS FEMALES 1 PER 100	TOILETS MALES 1 PER 100	URINALS MALES 1 PER 200	LAVATORIES FEMALES 1 PER 100	LAVATORIES MALES 1 PER 100	DRINKING FOUNTAIN 1 PER 1000	BATH/ SHOWER	SERVICE SINK
0.13	0.13	0.06	0.125	0.125	0.25	-	1

FIRST FLOOR TOTAL

	TOILETS FEMALES	TOILETS MALES	URINALS MALES	LAVATORIES FEMALES	LAVATORIES MALES	DRINKING FOUNTAIN	BATH/ SHOWER	SERVICE SINK
	2.28	2.28	1.40	2.05	2.05	1.10	-	1
PROVIDED	3	3	2	3	4	1	2	1

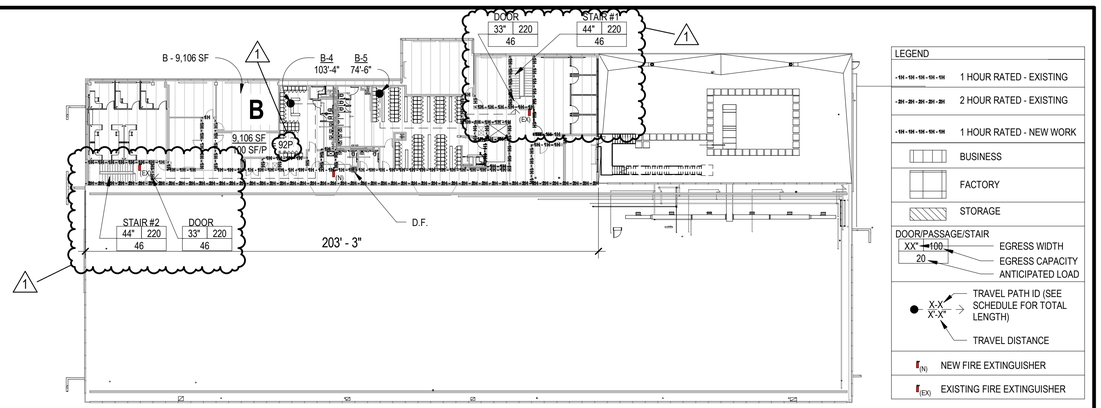
OCCUPANCY CLASSIFICATION : B
SECOND FLOOR OCCUPANCY : **89P** FEMALES: 44.5 MALES : 44.5

	TOILETS FEMALES 1 PER 25	TOILETS MALES 1 PER 25	URINALS MALES 1 PER 50	LAVATORIES FEMALES 1 PER 40	LAVATORIES MALES 1 PER 40	DRINKING FOUNTAIN 1 PER 100	BATH/ SHOWER	SERVICE SINK
	1.78	1.78	0.89	1.11	1.11	0.89	-	1
PROVIDED	3	3	3	3	5	1	6	1

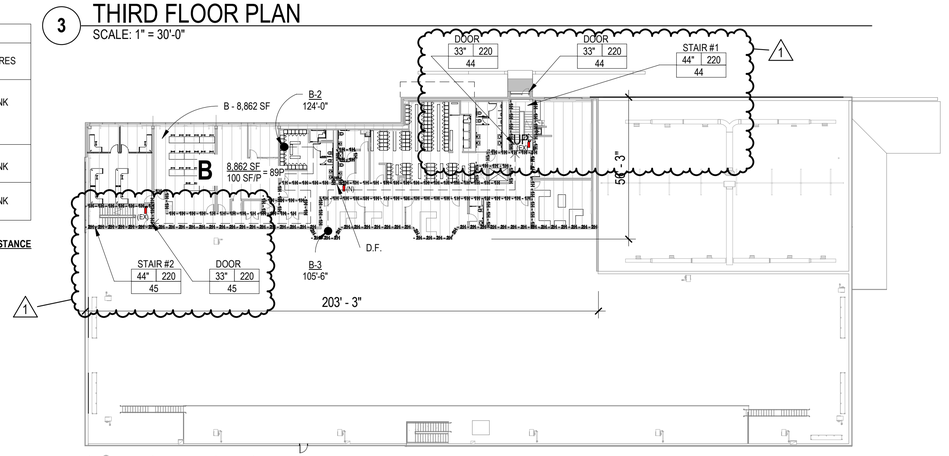
OCCUPANCY CLASSIFICATION : B
THIRD FLOOR OCCUPANCY : **92P** FEMALES: 46 MALES : 46

	TOILETS FEMALES 1 PER 25	TOILETS MALES 1 PER 25	URINALS MALES 1 PER 50	LAVATORIES FEMALES 1 PER 40	LAVATORIES MALES 1 PER 40	DRINKING FOUNTAIN 1 PER 100	BATH/ SHOWER	SERVICE SINK
	1.84	1.84	0.92	1.15	1.15	0.92	-	1
PROVIDED	3	4	2	4	4	1	3	1

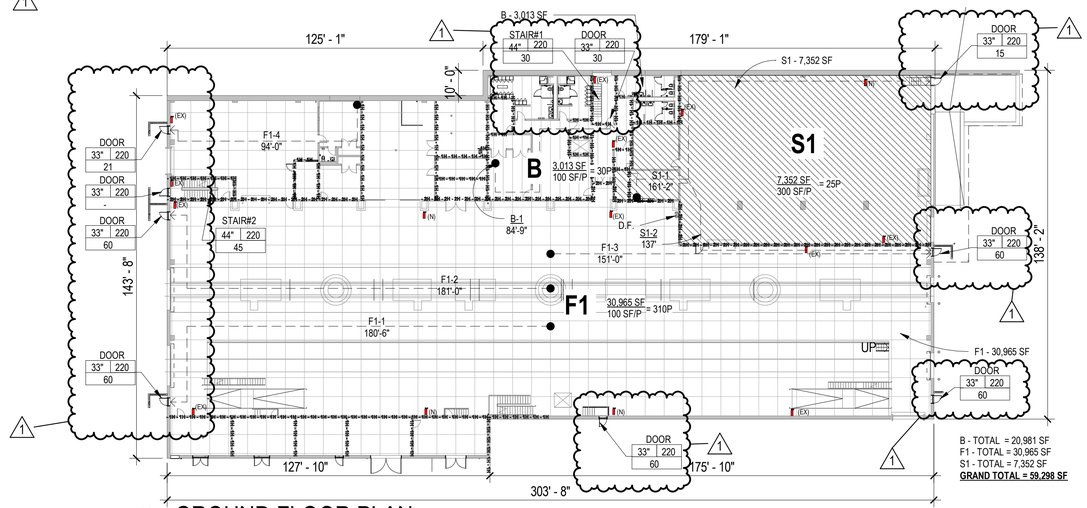
PATH ID	EGRESS TRAVEL DISTANCE
GROUND FLOOR	
F1-1	180'-6"
F1-2	181'-0"
F1-3	151'-0"
F1-4	94'-0"
S1-1	161'-2"
S1-2	137'-0"
B-1	84'-9"
SECOND FLOOR	
B-2	124'-0"
B-3	105'-6"
THIRD FLOOR	
B-4	103'-4"
B-5	76'-4"



3 THIRD FLOOR PLAN
SCALE: 1" = 30'-0"



2 SECOND FLOOR PLAN
SCALE: 1" = 30'-0"



1 GROUND FLOOR PLAN
SCALE: 1" = 30'-0"

DESIGNED BY:

Michael Baker INTERNATIONAL
500 ENTERPRISE DRIVE
SUITE 2B
ROCKY HILL, CT. 06067
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STATE OF CONNECTICUT SCOTT M. DELESDERNIER No. 19079 LICENSED PROFESSIONAL ENGINEER

Scott Delesdernier
2025.02.14
14:50:46-05'00'

REV.	DATE	REVISION DESCRIPTION
1	2/14/25	REVISED TABLES AND NOTES

ADDENDUM NO. 1

DESIGNER/DRAFTER: F. ALVES CHECKED BY: R. BRAREN

SIGNATURE/ BLOCK:

Michael Baker INTERNATIONAL
100 AIRSIDE DRIVE
MOON TOWNSHIP, PA 15108

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER: 0301-0509
PROJECT DESCRIPTION: IMPROVEMENTS TO THE STAMFORD MAINTENANCE OF EQUIPMENT (MOE) FACILITY
TOWN(S): STAMFORD, CT
DRAWING TITLE: LIFE SAFETY PLANS

DRAWING NO.
ARC-005
SHEET NO.
06.05.A1

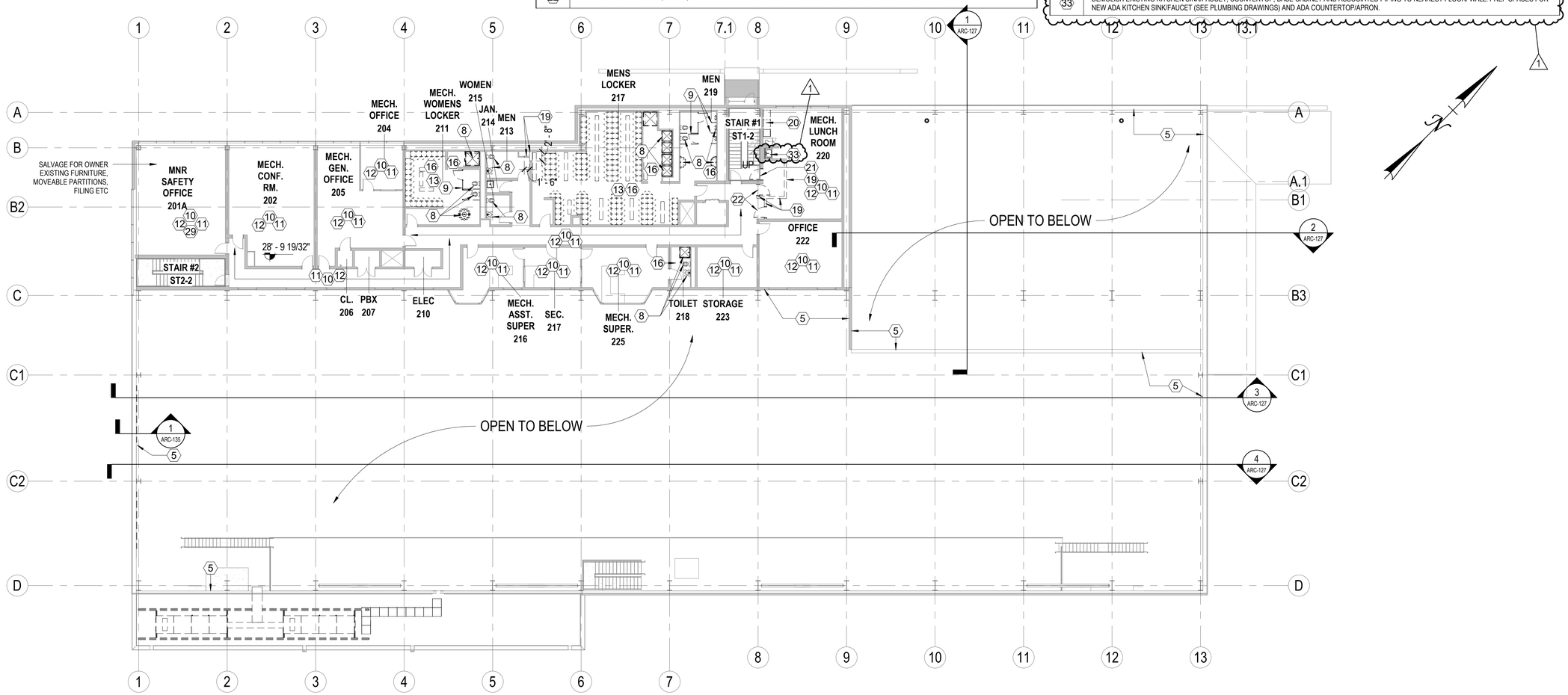
DEMOLITION - KEYNOTES	
1	REMOVE ALL EXISTING ADHERED ROOF MEMBRANE AND INSULATION DOWN TO METAL DECKING (MOE) / CONC. PLANK (CAR WASH).
2	REMOVE ALL PARAPET COPING, GRAVEL STOPS, FASTENERS, FLASHING, BLOCKING AND NAILERS, TERM. BARS, ETC. ASSOCIATED WITH EXISTING MEMBRANE ROOFING SYSTEM.
3	MAINTAIN EXISTING PERIMETER LIGHTNING PROTECTION SYSTEM DURING ROOF REPLACEMENT. REMOVE AND REPLACE EXISTING LIGHTING PROTECTION SYSTEM UPON COMPLETION OF NEW ROOF INSTALLATION. REFER TO ELECTRICAL DRAWINGS.
4	REMOVE ALL PIPE BOOT FLASHING, CURB FLASHING, METAL FLASHING, ETC ASSOCIATED WITH THE ROOF MEMBRANE AND ANY THROUGH ROOF PENETRATING OBJECTS, INCLUDING BUT NOT LIMITED TO MECHANICAL UNITS, PIPES, FLUES, VENTS, DUCTS, STACKS DRAINS OR ASSOCIATED MEMBRANE PENETRATING OBJECTS.
5	SURFACE PREP ALL INTERIOR METAL PANEL AND MASONRY WALLS FOR APPLICATION OF NEW HIGH PERFORMANCE COATINGS. ENSURE EXISTING WALLS, STRUCTURE, CONDUIT, PIPING, DUCTWORK AND COMPONENTS THAT ARE TO RECEIVE FINISH PAINT ARE FREE FROM DEBRIS, GAPS FILLED, FLUSH AND UNIFORM.
6	DEMOLISH EXISTING CONCRETE SLAB ON GRADE, VAPOR BARRIER, AND UNDER SLAB SOIL. PREPARE AREA TO RECEIVE NEW TRACK EXTENSION AND FUTURE SLAB ON GRADE. COORDINATE SLAB EDGE WITH NEW ADJACENT DOOR SILL (SEE STRUCTURAL DRAWINGS).
7	DEMOLISH EXISTING PORTION OF EXTERIOR MASONRY WALL IN PREPARATION FOR INSTALLATION OF NEW HIGH SPEED ROLLING DOOR. CONTRACTOR TO COORDINATE RELOCATION OF ANY EXISTING INTERIOR CONDUIT, EQUIPMENT OR BUILDING COMPONENTS AT THE PORTION OF WALL TO BE REMOVED AND NEW DOOR EQUIPMENT AND COMPONENTS TO BE INSTALLED.
8	DEMOLISH EXISTING PLUMBING FIXTURES IN THE ROOMS ENTIRETY INCLUDING SINKS, TOILETS, SHOWER TERRAZZO BASE AND ASSOCIATED PIPING TO NEAREST FLOOR/ WALL. PREP SPACES FOR NEW FIXTURES (SEE PLUMBING DRAWINGS). SELECTIVE WALL DEMOLITION REQUIRED - COORDINATE WITH NEW FIXTURE LOCATIONS.
9	DEMOLISH EXISTING TOILET ROOM PARTITIONS.
10	DEMOLISH EXISTING FLOORING DOWN TO SUBFLOOR. PREP FOR NEW FLOORING APPLICATION. PREPARE EXISTING FLOOR FOR APPLICATION OF NEW FLOOR TREATMENT PER MANUFACTURE'S RECOMMENDED DIRECTION.

DEMOLITION - KEYNOTES	
11	DEMOLISH EXISTING SUSPENDED ACOUSTIC PANEL CEILING TILES, HANGERS, SUPPORTS, MOLDINGS, ETC. REMOVE CEILING MOUNTED DEVICES/COMPONENTS (DETECTORS, HORN-STROBE ETC.). REMOVE ALL ABANDONDED WIRING ABOVE SUSPENDED CEILING. REFER TO FIRE ALARM DRAWINGS.
12	SURFACE PREP, CRACK FILL, PATCH WALLS IN THIS SPACE AND PREPARE FOR APPLICATION OF NEW PAINT.
13	DEMOLISH EXISTING BENCHES AND LOCKERS IN THEIR ENTIRETY INCLUDING FASTENERS, RAISED CONCRETE BASES, CERAMIC TILE COVE WALL BASE. WHERE LOCKERS MEET WALL, TILE WAINSCOTING ENDS, PREP WALL FOR NEW LOCKER INSTALL.
14	REMOVE ALL EXISTING THRU WALL AIR CONDITIONER WALL UNITS. PREP MASONRY OPENINGS FOR INFILL CONSTRUCTION TO MATCH EXISTING ADJACENT CONSTRUCTION. VERIFY QTY'S IN FIELD.
15	REMOVE EXISTING ROOFING MATERIAL, COPINGS AND FLASHING OF HILL YARD SHELTER AT TRACK #12 DOWN TO SUBSTRATE. INSPECT SUBSTRATE FOR DAMAGE, NOTIFY ARCHITECT IN THE EVENT OF EXISTING HOLES/ DEFECTS FOR REMEDIATION.
16	REMOVE EXISTING TILE WAINSCOTING INTERIOR WALL FINISH AND ASSOCIATED BACKERBOARD. PREP FOR NEW WALL FINISH. REMOVE WALL MOUNTED DEVICES/COMPONENTS (HORN-STROBE, ETC.). REFER TO FIRE ALARM DRAWINGS.
17	REMOVE ANY EXISTING DEBRIS, PATCH ANY EXISTING CRACKS WITH MATERIALS TO MATCH EXISTING ADJACENT CONSTRUCTION., MAKE SURFACE UNIFORM AND FIELD PAINT THE SHELTER'S EXTERIOR WALLS.
18	REMOVE EXISTING TEMPORARY PARTITIONS AND DOORS IN THEIR ENTIRETY.
19	REMOVE EXISTING MASONRY PARTITION DOWN TO SUBFLOOR. PREP FLOOR FOR NEW FINISH.
20	DEMOLISH EXISTING LOWER CABINETS, COUNTER AND BACKSPLASH. PREP FLOOR AND WALL FOR NEW CONSTRUCTION.
21	DEMOLISH EXISTING DOOR AND FRAME DOWN TO MASONRY OPENING. PREPARE SURFACE FOR NEW MASONRY INFILL
22	DEMOLISH EXISTING DOOR, FRAME, HARDWARE AND ANY ASSOCIATED COMPONENTS IN CONJUNCTION WITH WALL DEMO.

DEMOLITION - KEYNOTES	
23	REMOVE CAGED LADDER AND ALL ASSOCIATED FASTENERS, AND COMPONENTS. PATCH/ REPAIR EXISTING FACADE. MATERIALS TO MATCH EXISTING ADJACENT CONSTRUCTION.
24	REMOVE EXISTING STEEL DUNNAGE FRAMING DOWN TO NEAREST STRUCTURAL MEMBERS. REFER TO STRUCTURAL DRAWINGS.
25	REMOVE EXISTING METAL DOOR AND FRAME IN ITS ENTIRETY. PRESERVE STEEL LINTEL AT HEAD, PREP MASONRY OPENING FOR NEW DOOR INSTALL. REMOVE EXISTING WOOD 2X AT JAMBS. WHERE DAMAGED CMU BLOCK EXISTS, OR MAY OCCUR WITH FRAME REMOVAL, REMOVE AND REPLACE IN KIND WITH SAME SIZE CMU AND MASONRY PATCHING TO PROVIDE FLUSH WALL CONSTRUCTION. PROVIDE TEMP. SHORING AS REQUIRED
26	REMOVE EXISTING SECURITY ROLL UP DOOR OVER WINDOW, AND ALL ASSOCIATED FASTENERS, WIRING AND COMPONENTS.
27	REMOVE EXISTING VERTICAL LIFT DOOR AND ALL ASSOCIATED FASTENERS, WIRING AND COMPONENTS.
28	REMOVE EXISTING OH DOOR AND ALL ASSOCIATED FASTENERS, WIRING AND COMPONENTS.
29	DEMOLISH EXISTING GYPSUM WALL BOARD AND PREP AREA FOR NEW FINISH. REMOVE ALL WIRING, CONDUIT, ETC. REFER TO MEP DRAWINGS FOR EXTENT OF TERMINATION.
30	DEMOLISH EXISTING PORTION OF EXTERIOR MASONRY WALL AND CURTAINWALL IN PREPARATION FOR INSTALLATION OF NEW ROOF ACCESS DOOR/STOREFRONT. CONTRACTOR TO COORDINATE RELOCATION OF ANY EXISTING INTERIOR CONDUIT, EQUIPMENT OR BUILDING COMPONENTS AT THE PORTION OF WALL TO BE REMOVED.
31	DEMOLISH EXISTING EMBEDDED EXTERIOR BOLLARD. FILL AND RESTORE TO MATCH SURROUNDING CONC APRON. PREP AREA FOR NEW WINDSCREEN AND EMBEDDED BOLLARD. SEE PROPOSED WORK IN THIS AREA.
32	WORK RESTRICTIONS FOR YARD MASTER OFFICE (ROOM 325): CONTRACTOR MAY NOT START DEMOLITION WORK IN ROOM 325 UNTIL RELOCATION OF EQUIPMENT IS COMPLETED TO ROOM 326. DEMOLITION WORK IN ROOM 326 MAY NOT START UNTIL EQUIPMENT IS MOVED BACK INTO ROOM 325. RELOCATION OF YARD MASTER EQUIPMENT TO BE COMPLETED BY MNR. CONTRACTOR SHALL GIVE AT LEAST TWO WEEKS NOTICE ON PROPOSED START OF DEMOLITION WORK.
33	DEMOLISH EXISTING KITCHEN SINK/FAUCET, COUNTERTOP, BASE CABINET AND ASSOCIATED PIPING TO NEAREST FLOOR/ WALL. PREP SPACES FOR NEW ADA KITCHEN SINK/FAUCET (SEE PLUMBING DRAWINGS) AND ADA COUNTERTOP/APRON.

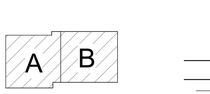
DEMOLITION NOTES

1. LIMITS OF DEMOLITION SHOWN ON DRAWINGS ARE FOR SCHEMATIC PURPOSES ONLY. CONTRACTOR SHALL PERFORM A SITE SURVEY AND IN-DEPTH INSPECTION OF THE EXISTING STRUCTURE TO VERIFY ALL EXISTING CONDITIONS AND DETERMINE FINAL DEMOLITION SCOPE IN SUPPORT OF INTENDED IMPROVEMENTS.
2. ALL DEMOLITION SHALL BE CONDUCTED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL BUILDING CODES, AND DOT REGULATIONS.
3. CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN FENCING, PARTITIONS, AND OTHER SAFETY FEATURES AS REQUIRED TO RESTRICT ACCESS TO DEMOLITION SITE.
4. ALL DEBRIS RESULTING FROM DEMOLITION SHALL BE PROPERTY OF THE CONTRACTOR, DEBRIS SHALL BE DISPOSED OF IN ACCORDANCE OF ALL LOCAL, STATE AND FEDERAL LAWS.
5. REMOVE, STORE, AND PROTECT ALL EXISTING EQUIPMENT, FURNITURE, LIGHTING, DISPLAY BOARDS, SPECIALTY FINISHES OR FINISH ELEMENTS AS REQUIRED BY OWNER. COORDINATE ALL EXISTING ELEMENTS WITH OWNER.



1 SECOND FLOOR DEMOLITION PLAN

SCALE: 1/16" = 1'-0"



KEY PLAN

BUILDING ELEMENT DESIGNATIONS

EXISTING BUILDING ELEMENT TO REMAIN

EXISTING BUILDING ELEMENT TO BE REMOVED

REV.	DATE	REVISION DESCRIPTION
1	2/14/25	ADDED NEW LINES FROM KITCHEN COUNTER

ADDENDUM NO. 1

DESIGNER/DRAFTER: F. ALVES CHECKED BY: R. BRAREN

0 8' - 0" 16' - 0" 32' - 0"

SCALE: 1/16" = 1' - 0"

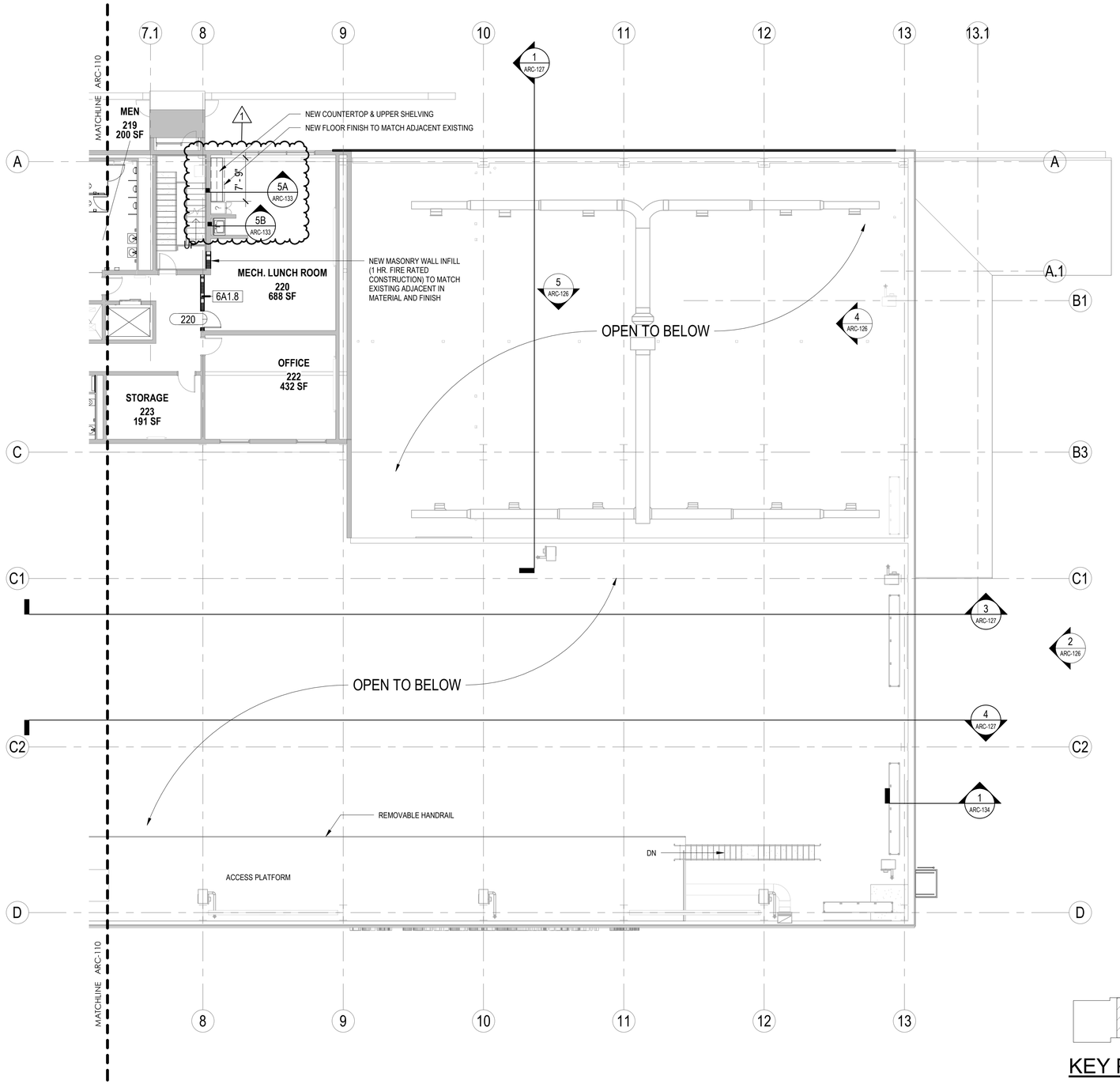
SIGNATURE/ BLOCK:

Michael Baker INTERNATIONAL
100 AIRSIDE DRIVE
MOON TOWNSHIP, PA 15108

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER: 0301-0509
PROJECT DESCRIPTION: IMPROVEMENTS TO THE STAMFORD MAINTENANCE OF EQUIPMENT (MOE) FACILITY
TOWN(S): STAMFORD, CT
DRAWING TITLE: SECOND FLOOR DEMOLITION PLAN

DRAWING NO. ARC-102
SHEET NO. 06.07.A1



1 SECOND FLOOR - AREA B

SCALE: 3/32" = 1'-0"

KEY PLAN

0 8' - 0" 16' - 0" 32' - 0"

SCALE: 3/32" = 1' - 0"

NOTES - FLOOR PLANS

1. REFER TO SHEET ARC-002 & ARC-003 FOR ARCHITECTURAL GENERAL NOTES, & ANNOTATION LEGEND
2. REFER TO ENLARGED PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
3. REFER TO MECHANICAL, ELECTRICAL, AND TELECOMM SHEETS FOR EQUIPMENT LOCATIONS AND REQUIREMENTS.
4. ALL DIMENSIONS SHOWN ARE TO FACE OF WALL (LEFT TO RIGHT, BOTTOM TO TOP)- TYPICAL UNLESS NOTED OTHERWISE
5. ALL DOORS TO BE INSTALLED 4" FROM HINGE SIDE OF WALL - TYPICAL UNLESS NOTED OR DIMENSIONED OTHERWISE
6. DIMENSIONS MARKED AS "CLEAR" DICTATES THE CLEAR DIMENSION FROM FINISH TO FINISH
7. WHERE FIRE RATED PARTITIONS INTERSECT WITH LESSER RATED PARTITIONS OR NON-RATED PARTITIONS, THE HIGHER RATED PARTITION IS TO CONTINUE THROUGH THE INTERSECTION TO MAINTAIN THE HIGHER RATING
8. FIRE EXTINGUISHERS SHALL BE PROVIDED AND LOCATED IN ACCORDANCE WITH NFPA 10. THE MAXIMUM TRAVEL DISTANCE TO THE NEAREST FIRE EXTINGUISHER FROM ANY POINT IN THE BUILDING SHALL NOT EXCEED 75 FEET.
9. FIELD APPLY HIGH PERFORMANCE COATINGS ON INTERIOR NEW AND EXISTING EXPOSED CONCRETE WALL, AND STEEL SUBSTRATE AT SHOP AREA 129 AND STORAGE 208 UNLESS NOTED OTHERWISE. THIS INCUDES PAINTING ALL EXISTING AND NEW FIRE SUPPRESSION, PLUMBING, HVAC, ELECTRICAL, COMMUNICATIONS AND ELECTRICAL SAFETY SECURITY WORK EXPOSED IN SHOP AREA 129, CORRIDORS, STORAGE 208. REFER TO SPECIFICATION HIGH PERFORMANCE COATINGS 099600 FOR ADDITIONAL INFORMATION. CUSTOM COLOR TO MATCH EXISTING.
10. APPLY INSTITUTIONAL-LOW VOC PAINT AT ALL INTERIOR EXISTING AND NEW WOOD, CONCRETE, STEEL AND IRON, GYPSUM SUBSTRATE AT ADMINISTRATIVE OFFICES UNLESS NOTED OTHERWISE. THIS INCUDES PAINTING ALL EXISTING AND NEW EXPOSED FIRE SUPPRESSION, PLUMBING, HVAC, ELECTRICAL, COMMUNICATIONS AND ELECTRICAL SAFETY SECURITY WORK. REFER TO SPECIFICATION PAINTING 099100 FOR ADDITIONAL INFORMATION. CUSTOM COLOR TO MATCH EXISTING.
11. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
12. REMOVE AND REPLACE ALL INTERIOR ROOM, STAIR, AND RESTROOM SIGNS. REFER TO SIGN TYPES ON SHEET ARC-136 FOR ADDITIONAL INFORMATION.
13. REMOVE AND REPLACE THREE EXTERIOR WALL MOUNTED COMMUTER RAIL BUILDING IDENTIFICATION SIGNS. REFER TO EXTERIOR ELEVATIONS AND EXTERIOR SIGN TYPES ON SHEET ARC-140 FOR ADDITIONAL INFORMATION.

REV	DATE	REVISION DESCRIPTION
1	2/4/2025	ADDED MEN LUNCH ROOM KITCHEN COUNTER

ADDENDUM NO. 1

DESIGNER/DRAFTER: F. ALVES CHECKED BY: R. BRAREN

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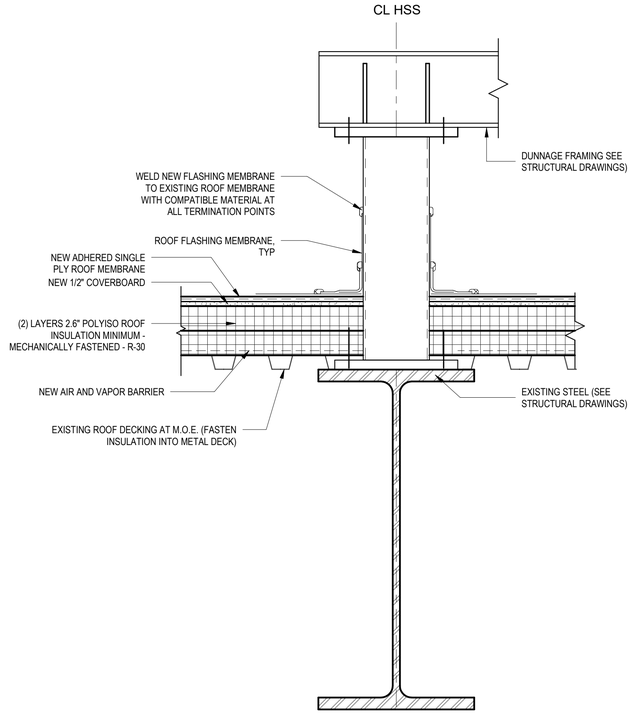
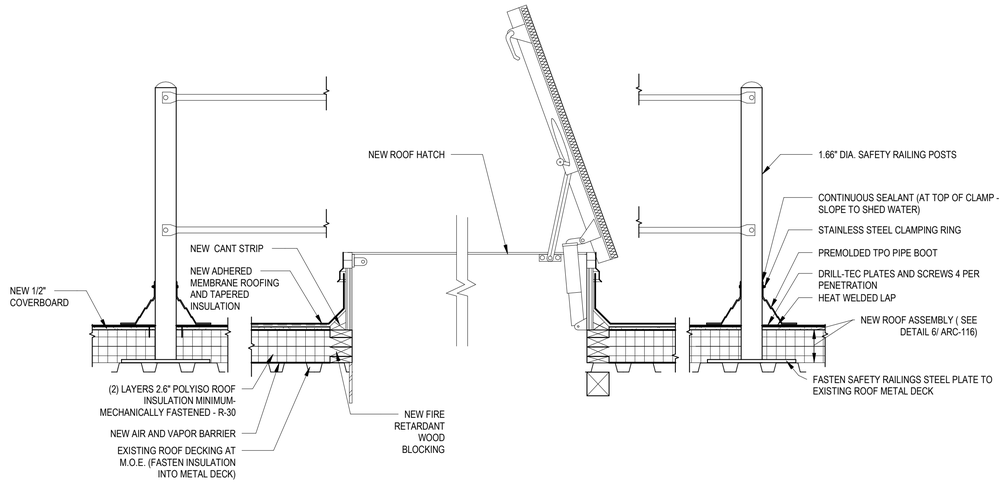
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER: 0301-0509
PROJECT DESCRIPTION: IMPROVEMENTS TO THE STAMFORD MAINTENANCE OF EQUIPMENT (MOE) FACILITY
TOWN(S): STAMFORD, CT
DRAWING TITLE: SECOND FLOOR PLAN - AREA B

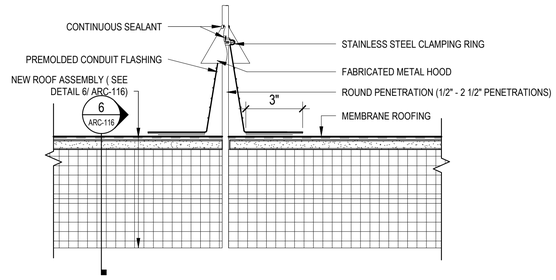
DRAWING NO. **ARC-111**
SHEET NO. 06.16.A1



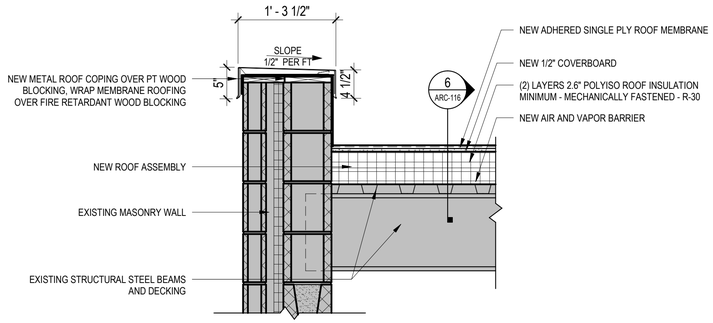
9 NEW ROOF ASSEMBLY@ ROOF DUNNAGE TYP.
SCALE: 1 1/2" = 1'-0"



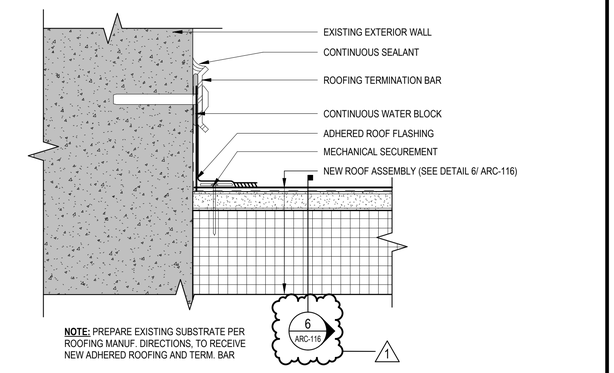
8 NEW ROOF HATCH DETAIL
SCALE: 1" = 1'-0"



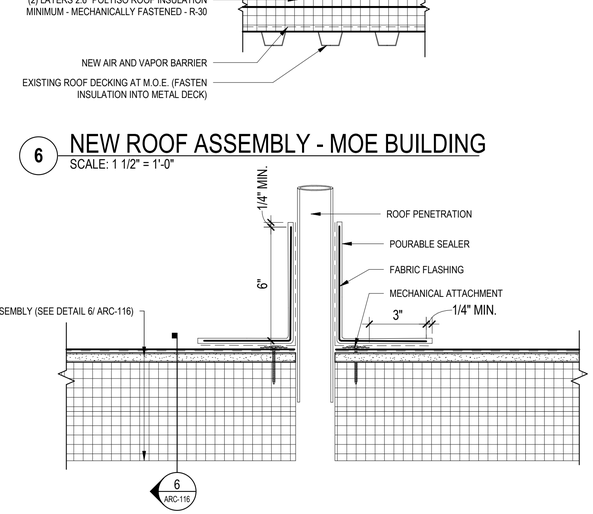
7 FLASHING DETAIL AT SMALL PENETRATIONS
SCALE: 3" = 1'-0"



5 AUX SHOP ROOF PARAPET DETAIL
SCALE: 1" = 1'-0"

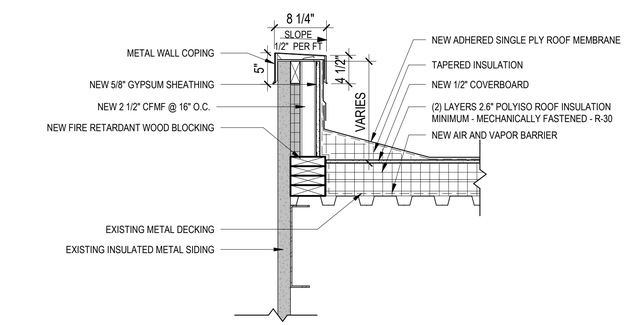


4 ROOF TERMINATION AT EXISTING HEAD WALL
SCALE: 6" = 1'-0"

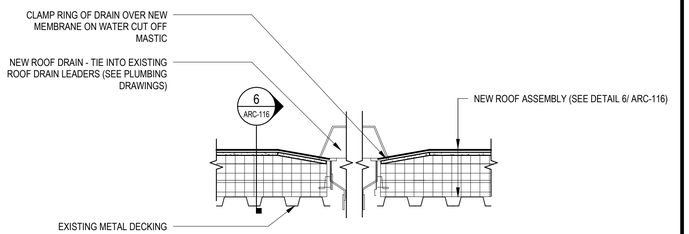


6 NEW ROOF ASSEMBLY - MOE BUILDING
SCALE: 1 1/2" = 1'-0"

3 FLASHING DETAIL AT LARGER PENETRATION
SCALE: 3" = 1'-0"



2 NEW MOE ROOF PARAPET DETAIL
SCALE: 1" = 1'-0"



1 NEW ROOF DRAIN DETAIL
SCALE: 1" = 1'-0"

REV.	DATE	REVISION DESCRIPTION
1	2/14/25	REVISED SECTION 7142

ADDENDUM NO. 1

DESIGNER/DRAFTER: F. ALVES CHECKED BY: R. BRAREN

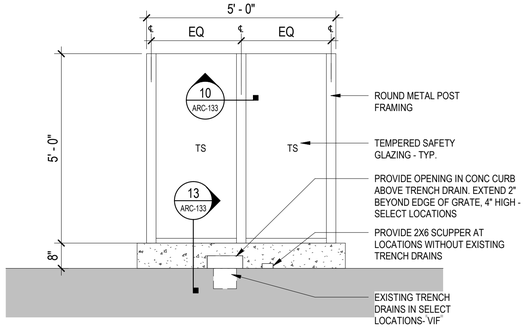
SIGNATURE/ BLOCK:

Michael Baker INTERNATIONAL
100 AIRSIDE DRIVE
MOON TOWNSHIP, PA 15108

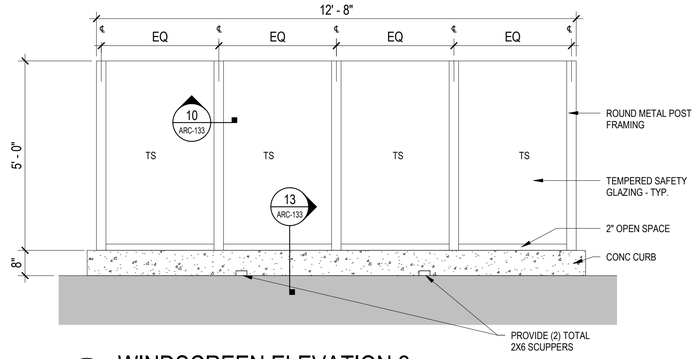
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER: 0301-0509
PROJECT DESCRIPTION: IMPROVEMENTS TO THE STAMFORD MAINTENANCE OF EQUIPMENT (MOE) FACILITY
TOWN(S): STAMFORD, CT
DRAWING TITLE: TYPICAL ROOF DETAILS

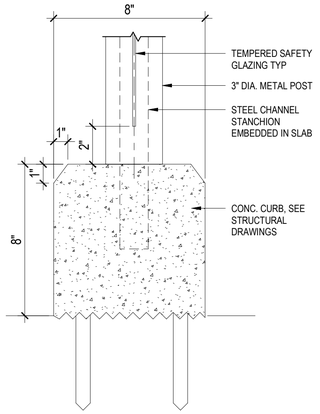
DRAWING NO. **ARC-116**
SHEET NO. 06.21.A1

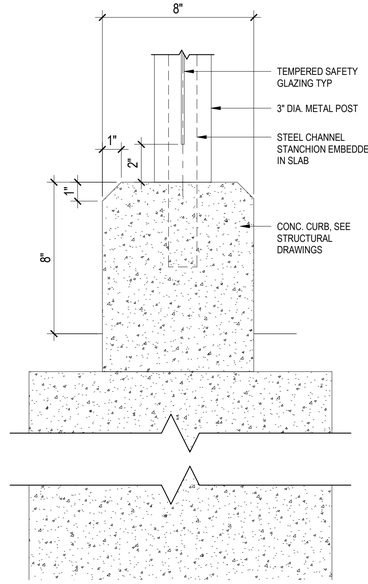


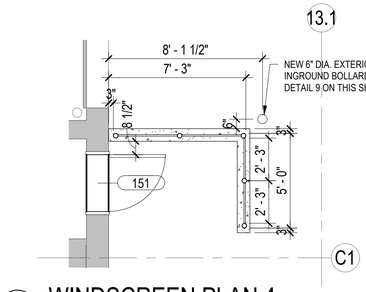
11 TYP WINDSCREEN ELEVATION
SCALE: 1/2" = 1'-0"



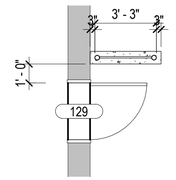
12 WINDSCREEN ELEVATION 2
SCALE: 1/2" = 1'-0"



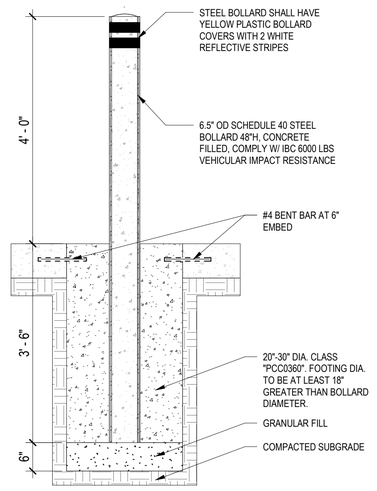




4 WINDSCREEN PLAN 4
SCALE: 1/4" = 1'-0"

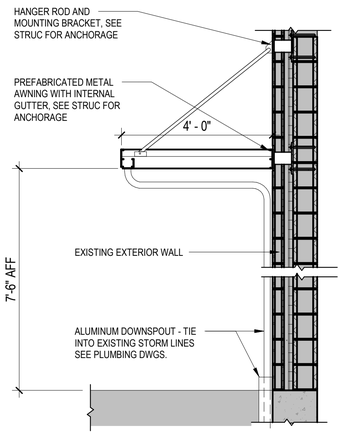


3 WINDSCREEN PLAN 3
SCALE: 1/4" = 1'-0"

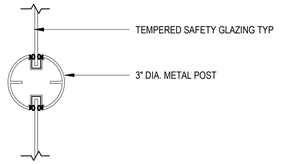


SECTION

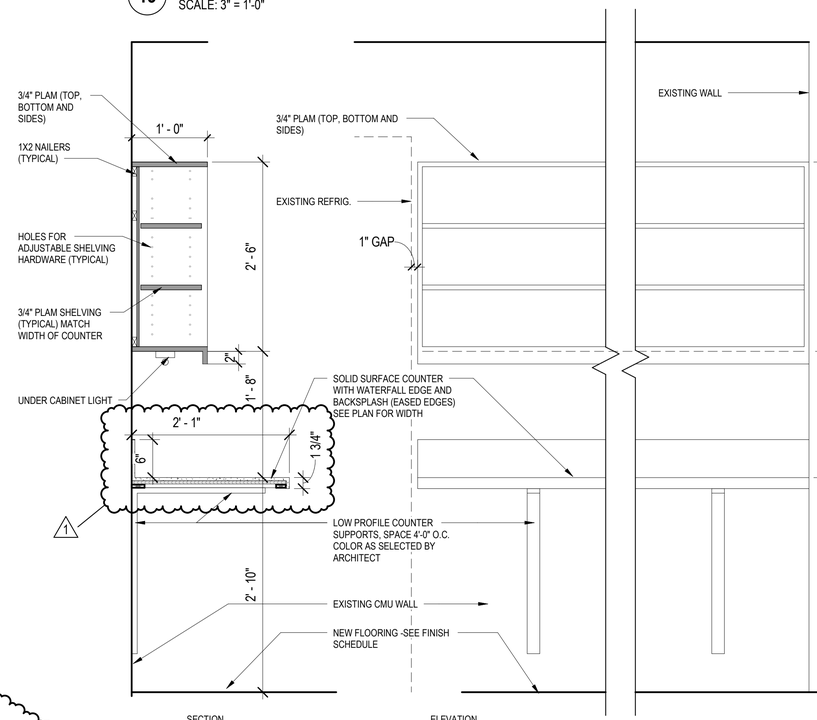
9 EXTERIOR INGROUND BOLLARD DETAIL @ WINDSCREEN
SCALE: 3/4" = 1'-0"



7 TYP AWNING SECTION
SCALE: 1/2" = 1'-0"

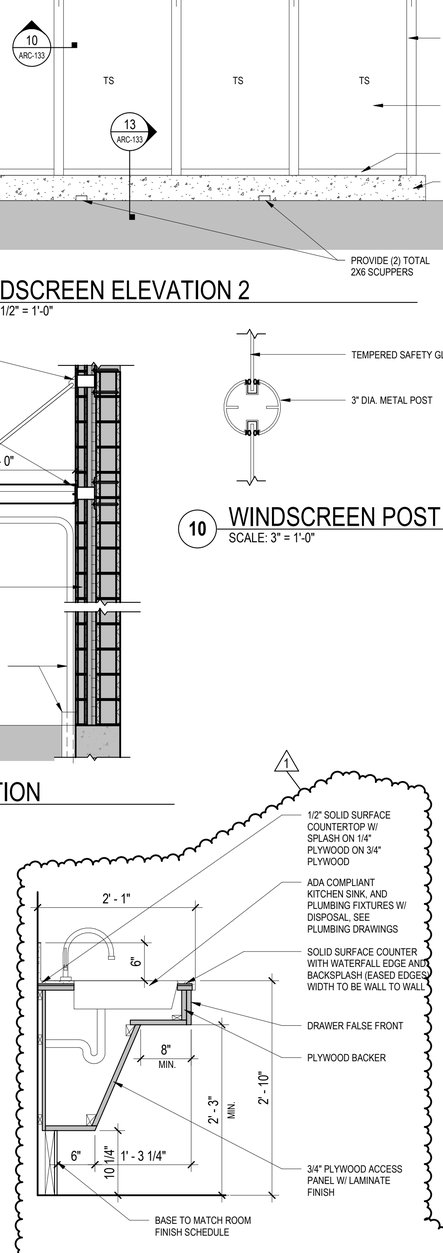


10 WINDSCREEN POST DETAIL
SCALE: 3" = 1'-0"

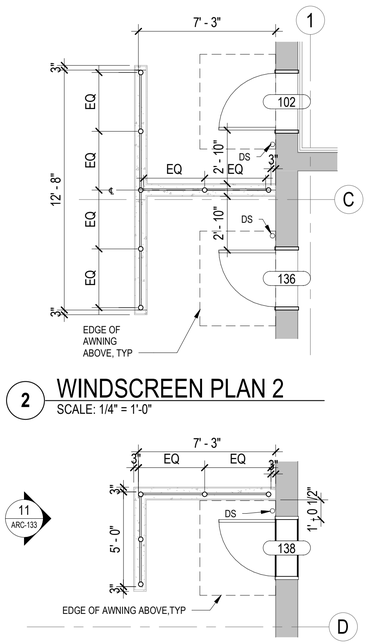


SECTION ELEVATION

13 WINDSCREEN SILL DETAILS
SCALE: 3" = 1'-0"

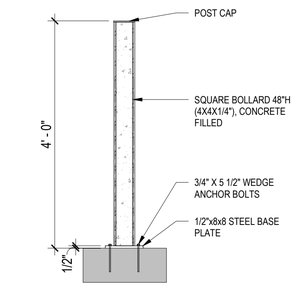


5B CASEWORK SECTION AT KITCHEN SINK- LUNCHROOM
SCALE: 1" = 1'-0"



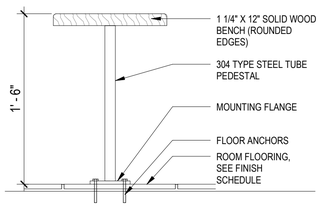
2 WINDSCREEN PLAN 2
SCALE: 1/4" = 1'-0"

1 TYP WINDSCREEN PLAN
SCALE: 1/4" = 1'-0"



SECTION

8 INTERIOR BOLLARD DETAIL
SCALE: 3/4" = 1'-0"



6 NEW BENCH DETAIL
SCALE: 1 1/2" = 1'-0"

REV.	DATE	REVISION DESCRIPTION
1	3/4/2025	ADDED NEW LUNCHROOM KITCHEN COUNTER

ADDENDUM NO. 1

DESIGNER/DRAFTER: F. ALVES CHECKED BY: R. BRAREN

SIGNATURE/ BLOCK:

Michael Baker INTERNATIONAL
100 AIRSIDE DRIVE
MOON TOWNSHIP, PA 15108

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

PROJECT NUMBER: 0301-0509
PROJECT DESCRIPTION: IMPROVEMENTS TO THE STAMFORD MAINTENANCE OF EQUIPMENT (MOE) FACILITY
TOWN(S): STAMFORD, CT
DRAWING TITLE: DETAILS

DRAWING NO. ARC-133
SHEET NO. 06.38.A1