Canandaigua Town Board
Meeting Agenda
April 26, 2017
5:30pm

- Call To Order and Pledge of Allegiance
  - Pledge led by Kevin Reynolds, Town Councilman

- Roll Call
  - Town Clerk Confirmation meeting was properly advertised

- Privilege of the Floor

- Public Hearings

Continued Public Hearings: None

New Public Hearings: None

- Privilege of the Floor

- Resolutions

Continued Resolutions: None

New Resolutions:

RESOLUTION NO. 2017 – 172: AUTHORIZATION TO RELEASE BID DOCUMENTS, FOR THE RECEIPT OF SEALED BIDS FOR CANANDAIGUA HIGHWAY GARAGE

WHEREAS, the Town Board of the Town of Canandaigua (herein after referred to as "Town Board") wishes to receive sealed bids in accordance with Section 103 Article 5-A of General Municipal Law for: Canandaigua Highway Garage, Contract # 1: General, Contract # 2: Plumbing, Contract # 3: HVAC, and Contract # 4: Electrical; and

WHEREAS, the Work is generally described as:

> Construction of a new pre-engineered Highway Garage building, approximately 41,000 s.f., and a new Fuel Station Canopy on the existing Highway campus at 5440 NYS 5 & 20 West in Canandaigua New York. The new Highway Garage will be a pre-engineered metal building including insulated metal wall/roof panels, storefront doors/windows, partial height reinforced masonry exterior walls and concrete isolated spread footings, strip footings and foundation walls. The new Highway Garage spaces include a main garage (vehicle parking), a maintenance/repair area, a pre-engineered mezzanine, and admin/staff areas. The new Fuel Station Canopy is pre-engineered metal structure, concrete pad and foundation system. The Town will relocate the existing Fuel Tank system. Site work beyond ten (10) feet from the face of the buildings, or as noted on the plan documents, will be completed by Town forces. The project will require four (4) prime contracts including General Construction, Plumbing, HVAC and Electrical
>
> ; and

WHEREAS, the Town Board reserves the right to reject any or all bids, or to waive any informalities, or to make an award to other than the low bidder; and

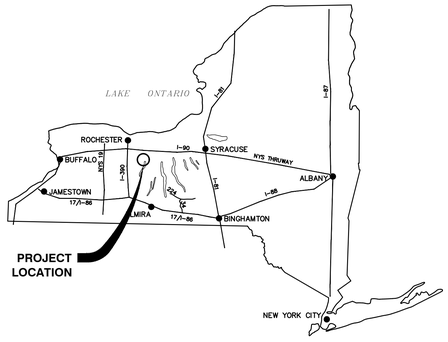
NOW THEREFORE BE IT RESOLVED, the Town Board of the Town of Canandaigua hereby authorizes the release of bid and construction documents for the Canandaigua Highway Garage as described including Attachment 1.

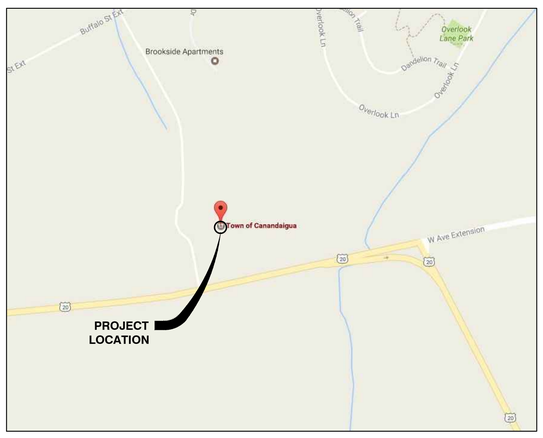
- Privilege of the Floor
- Other Business
- Privilege of the Floor
- Executive Session, as requested
- Adjournment

ATTACHMENT 1

CONSTRUCTION DOCUMENT
PROGRESS REVIEW SET
FOR THE

CANANDAIGUA HIGHWAY GARAGE
TOWN OF CANANDAIGUA
ONTARIO COUNTY, NEW YORK





TOWN OF CANANDAIGUA
ONTARIO COUNTY
NEW YORK

DRAWING INDEX:

SHEET NO.	DRAWING TITLE
LS-1	LIFE SAFETY PLAN
T-1	NOTES, SYMBOLS AND ABBREVIATIONS
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A-2	ENLARGED FLOOR PLANS
A-3	FINISH PLANS & SCHEDULES
A-5	GARAGE ELEVATIONS & BUILDING SECTION
A-5.1	BUILDING SECTIONS
A-6	WALL SECTIONS
A-7	WALL SECTIONS
A-8	DOORS, WINDOWS & HARDWARE
A-9	INTERIOR ELEVATIONS & MILLWORK DETAILS
A-9.1	WALL TYPES & INTERIOR DETAILS
A-10	EXTERIOR DETAILS
A-11	COLD STORAGE BUILDING PLAN & ELEVATIONS
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S-6	MASONRY DETAILS
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H-1	GARAGE FLOOR PLAN - HVAC DUCTWORK
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H-4	HVAC DETAILS
H-5	SCHEDULES- HVAC
E-1	SYMBOLS AND GENERAL NOTES
E-2	SITE PLAN ELECTRICAL
E-3	FIRST FLOOR PLAN - POWER & SPECIAL SYSTEMS
E-4	FIRST FLOOR PLAN - LIGHTING
E-5	OFFICE FLOOR PLANS - ELECTRICAL
E-6	POWER ONE LINE
E-7	DETAILS
E-8	SCHEDULES
P-1	GENERAL NOTES, SYMBOLS LIST & SCHEDULES
P-2	UNDERSLAB FLOOR PLAN - PLUMBING
P-3	FIRST FLOOR PLAN - PLUMBING
P-4	PARTIAL FIRST FLOOR PLANS - PLUMBING
P-5	ENLARGED SCALE MECHANICAL ROOM PLAN
P-6	PLUMBING DETAILS

MRB group

Engineering, Architecture, Surveying, D.P.C.

The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585-381-9250

www.mrbgroup.com

PROJECT 0300.16001
MARCH 29, 2017

0300.16001 CANANDAIGUA HIGHWAY GARAGE

N:\0300.16001.00\dwg\Architectural\0300.16002 T-0.dwg, 4/24/2017 12:38:45 PM

GENERAL CONSTRUCTION NOTES:

1. ALL WORK TO BE IN STRICT CONFORMANCE WITH NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, NEC, OSHA, NAPHCC, ANSI, NFPA & LOCAL GOVERNING MUNICIPAL AGENCIES AS WELL AS ANY AND ALL BUILDING RULES.

2. THE CONTRACTOR SHALL PERFORM THE WORK IN SUCH A MANNER THAT THE SAFETY OF THE WORKERS IS REASONABLY ASSURED. THIS SHALL INCLUDE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

3. THE CONTRACTOR SHALL COMPLY WITH ALL CONTRACTUAL REQUIREMENTS; BE RESPONSIBLE FOR CONTROL OF CONSTRUCTION LOCATIONS, ELEVATIONS, DIMENSIONS, AND QUANTITIES.

4. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, AND FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK; CONTRACTOR WILL BE RESPONSIBLE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

5. COORDINATE ARCHITECTURAL DRAWINGS WITH STRUCTURAL DRAWINGS. ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE WHERE DRAWINGS CONFLICT. FAILURE TO INCORPORATE OR BUILD TO ARCHITECTURAL DETAILS EVEN IF NOT INDICATED ON STRUCTURAL DRAWINGS DOES NOT OBVIATE CONTRACTORS RESPONSIBILITY.

6. CONTRACTOR TO CONTACT ARCHITECT IF CONDITIONS OTHER THAN THOSE REPRESENTED ON THE DRAWINGS ARE ENCOUNTERED.

7. EXISTING STRUCTURES, EQUIPMENT, AND PIPING ADJACENT TO PROPOSED CONSTRUCTION OR IMPROVEMENTS SHALL BE ADEQUATELY SUPPORTED AND PROTECTED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY NEW OR EXISTING STRUCTURES, PIPING, EQUIPMENT, ETC. THAT IS DAMAGED DURING CONSTRUCTION.

8. THE GENERAL CONTRACTOR TO PROVIDE TEMPORARY HEAT, VENTILATION, POWER AND LIGHTING THROUGHOUT COURSE OF JOB WHERE REQUIRED.

9. THE CONTRACTOR SHALL NOT DISTURB ANY AREAS BEYOND THOSE SHOWN ON THE DRAWINGS AND SHALL LIMIT THE EXTENT OF DISTURBANCE FOR EACH AREA OF CONSTRUCTION AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL UTILIZE EVERY EFFORT TO MINIMIZE DISTURBANCE TO THE SURROUNDING AREA.

10. ANY AND ALL SUSPECTED ASBESTOS AND/OR LEAD PAINT DISCOVERED DURING DEMOLITION OR CONSTRUCTION MUST BE REPORTED TO OWNER IMMEDIATELY. DO NOT DISTURB OR AFFECT SUSPECTED MATERIALS UNTIL DIRECTED IN WRITING BY OWNER.

11. PRIOR TO COMPLETION OF ALL WORK, CLEAN PREMISES FOR OCCUPANCY. WORK AREA SHALL BE MAINTAINED IN ORGANIZED & BROOM CLEAN CONDITION AT ALL TIMES.

12. SPRINKLER & FIRE DETECTION MODIFICATIONS SHALL BE PERFORMED STRICTLY ACCORDING TO CODE. CONTRACTOR SHALL PROVIDE ANY/ALL NECESSARY DESIGN INFORMATION, CALCULATIONS & DRAWINGS AS NECESSARY FOR MUNICIPAL APPROVAL & CODE COMPLIANT INSTALLATION. THESE CONTRACTOR PROVIDED DRAWINGS SHALL BY STAMPED BY LICENSED ENGINEER AS REQUIRED BY MUNICIPALITY.

13. EXISTING ROOF/ATTIC INSULATION TO MATCH ADJACENT PROPOSED INSULATION. R38 MINIMUM. SEE WALL SECTIONS FOR DETAILS.

14. ALL REFERENCES TO "THE CONTRACTOR" IN THESE CONTRACT DOCUMENTS REFER TO THE GENERAL CONTRACTOR (GC) UNLESS NOTED OTHERWISE.

GENERAL DEMOLITION NOTES:

A. THESE NOTES ARE GENERAL IN NATURE AND APPLY TO THE ENTIRE BUILDING WHETHER OR NOT SPECIFICALLY NOTED OR REFERENCED ON EACH SHEET. THE DRAWINGS INDICATE ONLY THE GENERAL EXTENT OF DEMOLITION AND MAY NOT INCLUDE ALL DEMOLITION WHICH WILL BE REQUIRED FOR NEW CONSTRUCTION. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO STARTING THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INCLUSION OF ALL REQUIRED DEMOLITION AREAS UNDERGOING MODIFICATION WHETHER SUCH WORK IS OR IS NOT INDICATED ON THE CONTRACT DOCUMENTS. TO DETERMINE THE FULL EXTENT OF ITEMS TO BE DEMOLISHED OR REMOVED AND SALVAGED FOR RE-USE DEMOLITION SHALL GENERALLY BE ARRANGED TO AGREE WITH THE ACCOMPLISHMENT OF WORK UNDER THE VARIOUS PHASES AND IN COORDINATION WITH THE WORK OF ALL TRADES. CONTRACTOR SHALL EXAMINE THE CONTRACT DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

B. ALL WORK MUST BE IN STRICT COMPLIANCE WITH ALL CODES, REGULATIONS, AND ORDINANCES OF THE AGENCIES HAVING JURISDICTION OVER ANY PORTION OF THE WORK, INCLUDING ALL LICENSES AND PERMITS.

C. THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY OF VERIFYING EXISTING UTILITY LOCATIONS AND ENSURE THAT UTILITIES IN AREAS OF DEMOLITION AND CONSTRUCTION ARE NOT DAMAGED. DAMAGED UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE AND SHALL NOT IMPACT PROJECT SCHEDULE.

D. DIMENSIONS NOTED AS VIF (VERIFY IN FIELD) ARE APPROXIMATE BUT SHALL BE MAINTAINED AS MUCH AS GOOD CONSTRUCTION PRACTICES ALLOW. NOTIFY ARCHITECT OF ANY DISCREPANCY MORE THAN ONE INCH. SPECIFIC DIMENSIONS SHALL BE MAINTAINED.

E. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF ANY UNFORESEEN CONDITIONS ARE DISCOVERED THAT POTENTIALLY EFFECT THE STRUCTURAL INTEGRITY OF THE WORK TO REMAIN.

F. ELEMENTS TO BE REMOVED THAT ARE INDICATED BY BROKEN LINES SHOW THE GENERAL EXTENT OF DEMOLITION ONLY. UNLESS NOTED OTHERWISE ACTUAL DIMENSIONS MAY NEED TO BE DETERMINED BY FIELD MEASURING.

G. PROTECT EXISTING SURFACES, FURNITURE, EQUIPMENT, ETC. FROM DAMAGE DURING THE EXECUTION OF THE WORK. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED ITEMS AT NO ADDITIONAL COST TO THE OWNER.

H. WHERE DEMOLITION DAMAGES SURFACES THAT ARE TO REMAIN IN PLACE OR EXPOSES UNFINISHED SURFACES, REPAIR THOSE SURFACES TO MATCH FINISH AND QUALITY OF ADJACENT SURFACES. REPAIR/REFINISH AND REPAINT SURFACES MINIMUM CORNER TO CORNER.

I. FOR THE DURATION OF WORK PROTECT ALL EXISTING PARTITIONS, DOORS, FRAMES, STRUCTURE, FLOORING, AND FINISHES NOT INDICATED BY BROKEN LINE OR A NOTE AS EXISTING TO BE REMOVED.

J. MAINTAIN THE BUILDING IN A WATERTIGHT AND SECURE CONDITION THROUGHOUT THE WORK. CONTRACTOR SHALL REPAIR DAMAGE RESULTING FROM NEGLIGENCE AT NO COST TO OWNER.

K. COORDINATE ALL SHUTOFF SERVICES WITH THE OWNER 72 HOURS IN ADVANCE MINIMUM.

L. IF AREAS IMMEDIATELY ADJACENT TO THE WORK WILL BE OCCUPIED, MINIMIZE INTERFERENCE WITH THE DAILY ACTIVITIES OF THE OWNER'S STAFF AND OPERATIONS.

M. PATCH AND REPAIR EXISTING WALLS SUFFICIENT TO RECEIVE NEW FINISHES.

N. ITEMS TO BE SALVAGED FOR RE-USE SHALL BE STORED IN A SAFE AND SECURE LOCATION AS DIRECTED BY THE OWNER UNTIL REINSTALLATION.

O. DURING ALL PHASES OF WORK CLEANING AND DISPOSAL SHALL BE PERFORMED DAILY IN SUCH A MANNER AS TO INSURE THAT THE PREMISES, ADJACENT PUBLIC PROPERTY, AND ADJACENT PRIVATE PROPERTIES ARE MAINTAINED FREE FROM ACCUMULATION OF DEBRIS, WASTE MATERIAL, AND RUBBISH. UNLESS NOTED OTHERWISE ALL EQUIPMENT, WRECKED AND DEMOLISHED MATERIALS, DEBRIS, AND RUBBISH SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED BY THE CONTRADICTOR FROM THE PREMISES AS QUICKLY AS IT ACCUMULATES. DISPOSE OF ALL DEMOLISHED OR REMOVED MATERIALS LEGALLY OFF SITE. COMPLY WITH ALL LOCAL HAULING & DISPOSAL REQUIREMENTS..

P. AT ALL LOCATIONS WHERE DEBRIS IS TO BE TRANSFERRED VERTICALLY FOR A DISTANCE OF 10 FEET OR MORE THE CONTRACTOR SHALL PROVIDE AN ENCLOSED CHUTTE FOR THIS PURPOSE. DEBRIS SHALL NOT SPILL FROM THE BOTTOM OF THE CHUTTE DIRECTLY ONTO THE GROUND. THE FINAL DROP OF DEBRIS SHALL BE INTO EITHER AN APPROVED COLLECTION HOPPER OR TRUCK.

Q. THE GENERAL CONTRACTOR SHALL VERIFY THAT ALL ITEMS TO BE REMOVED/DEMOLISHED ARE NON-LOAD BEARING PRIOR TO START OF ANY DEMOLITION. REMOVE PORTION OF EXISTING WALL SYSTEM(S) IN THEIR ENTIRETY INCLUDING BUT NOT LIMITED TO FRAMING, WALLBOARD, BASES, TRIM, AND BRACING.

R. REMOVE ALL EXISTING CEILING SYSTEMS TO BE DEMOLISHED INCLUDING BUT NOT LIMITED TO: GRID, TILES, SUPPORTS, AND HANGERS.

S. REMOVE ALL EXISTING DOORS AND DOOR FRAMES TO BE DEMOLISHED IN THEIR ENTIRETY. PATCH AND REPAIR DOOR OPENINGS SUFFICIENT TO RECEIVED NEW DOORS AND FRAMES AS CALLED FOR IN THE CONTRACT DOCUMENTS.

T. COORDINATE ARCHITECTURAL DEMOLITION DRAWINGS WITH ALL OTHER DEMOLITION DRAWINGS INCLUDING BUT NOT LIMITED TO STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING.

U. REMOVE ALL EXISTING DUCTWORK AND MECHANICAL RISERS BEING SUPPLANTED BY NEW MECHANICAL DISTRIBUTION. VERIFY NECESSITY OF EXISTING MECHANICAL EQUIPMENT AND DUCTWORK NOT SPECIFICALLY CALLED OUT IN THE CONTRACT DOCUMENTS WITH THE MECHANICAL ENGINEER PRIOR TO REMOVAL.

V. REMOVE ALL EXISTING ELECTRICAL FIXTURES, WIRING, RACEWAYS, CONDUIT, ETC. BEING SUPPLANTED BY NEW ELECTRICAL DISTRIBUTION. VERIFY NECESSITY OF EXISTING ELECTRICAL EQUIPMENT AND WIRING NOT SPECIFICALLY CALLED OUT IN THE CONTRACT DOCUMENTS WITH THE ELECTRICAL ENGINEER PRIOR TO REMOVAL.

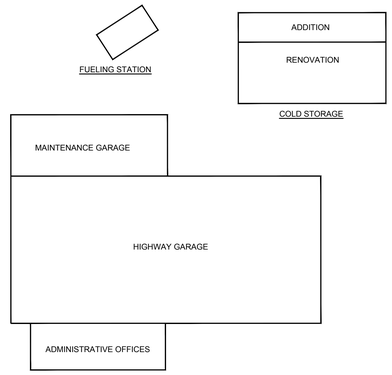
W. ANY ERRORS, OMISSIONS, OR DISCREPANCIES IN THE DRAWINGS, RELATED TO THE EXISTING CONDITIONS AND DEMOLITION IN GENERAL, SHALL BE REPORTED TO THE ARCHITECT/OWNER PRIOR TO START OF ANY DEMOLITION.

X. THE ARCHITECT HAS NO KNOWLEDGE OF AND SHALL NOT BE HELD LIABLE FOR ANY ASBESTOS OR OTHER HAZARDOUS MATERIALS ON THE JOB SITE. THE CONTRACTOR SHALL IMMEDIATELY ISOLATE THE EFFECTED AREA IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE DISCOVERED DURING DEMOLITION AND/OR CONSTRUCTION. NOTIFY OWNER FOR FURTHER INSTRUCTION BEFORE PROCEEDING WITH OTHER WORK.

Y. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL MEANS AND METHODS OF DEMOLITION AND CONSTRUCTION EMPLOYED ON THIS PROJECT INCLUDING ALL TEMPORARY BRACING, SUPPORT, AND PROTECTION OF THE EXISTING STRUCTURE. THIS INCLUDES BUT IS NOT LIMITED TO PERFORMING A STRUCTURAL ANALYSIS OF THE AREAS TO BE EFFECTED BY THE WORK AND DETERMINING LOADS ON TEMPORARY SHORING, BRACING, AND SUPPORT SYSTEMS. CONTRACTOR SHALL RETAIN THE SERVICES OF A NEW YORK STATE REGISTERED PROFESSIONAL STRUCTURAL ENGINEER AT HIS/HER OWN EXPENSE IF AND AS MAY BE NEEDED TO MAINTAIN SAFE AND STABLE CONDITIONS ON THE PROJECT INCLUDING PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA). ANY SEQUENCES OF WORK OR METHODS INDICATED OR IMPLIED IN THE CONTRACT DOCUMENTS ARE PRESENT ONLY AS ASSUMPTIONS TO BE CONSIDERED AS A SUGGESTED OPTION FOR REVIEW BY THE CONTRACTOR.

Z. CAP ALL EXPOSED EXISTING PIPING NOT BEING USED BEHIND FINISH SURFACE. INDICATE LOCATION OF ALL CAPPED PLUMBING ON AS-BUILT DRAWINGS, IF REQUIRED.

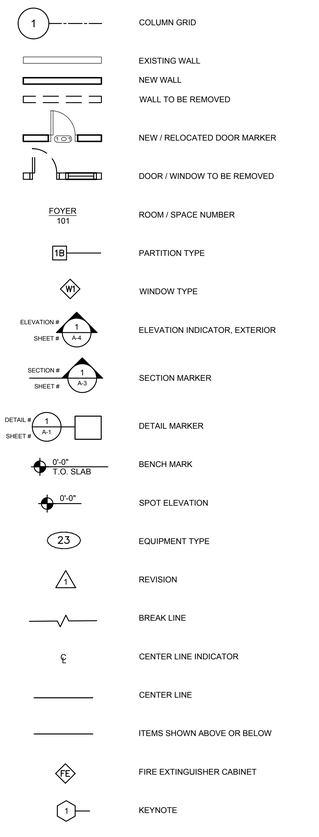
PHASING DIAGRAM:



PHASING NOTES:

1. PHASE 1:
   - 1.1. PROVIDE FOUNDATION(S) FOR THE HIGHWAY GARAGE, MAINTENANCE GARAGE, AND ADMINISTRATIVE OFFICES.
   - 1.2. PROVIDE BUILDING ENVELOPE FOR THE HIGHWAY GARAGE, MAINTENANCE GARAGE, AND ADMINISTRATIVE OFFICES.
   - 1.3. FIT OUT ELECTRICAL ROOM 113 WITHIN ADMINISTRATIVE OFFICES, SEE A-2.
   - 1.4. CONSTRUCTION OF FUELING STATION.
2. PHASE 2:
   - 2.1. FIT OUT OF ADMINISTRATIVE OFFICES AND MAINTENANCE GARAGE
   - 2.2. RENOVATION / ADDITION TO COLD STORAGE BUILDING.

PLAN SYMBOLS:



COLUMN GRID
EXISTING WALL
NEW WALL
WALL TO BE REMOVED
NEW / RELOCATED DOOR MARKER
DOOR / WINDOW TO BE REMOVED
ROOM / SPACE NUMBER
PARTITION TYPE
WINDOW TYPE
ELEVATION INDICATOR, EXTERIOR
SECTION MARKER
DETAIL MARKER
BENCH MARK
SPOT ELEVATION
EQUIPMENT TYPE
REVISION
BREAK LINE
CENTER LINE INDICATOR
CENTER LINE
ITEMS SHOWN ABOVE OR BELOW
FIRE EXTINGUISHER CABINET
KEYNOTE

ABBREVIATIONS:

A.C.T.	ACOUSTICAL CEILING TILE
ADJ.	ADJACENT
A.F.F.	ABOVE FINISH FLOOR
ALUM.	ALUMINUM
ALT.	ALTERNATE
ANOD.	ANODIZED
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
ASPH.	ASPHALT
AUTO.	AUTOMATIC
BD.	BOARD
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BLT.	BOLT
BM.	BEAM
BOT.	BOTTOM
BRK.	BRICK
BSMNT.	BASEMENT
CAB.	CABINET
CER.	CERAMIC
C.J.	CONTROL JOINT
CLG.	CEILING
CLKG.	CAULKING
CLOS.	CLOSET
CLR.	CLEAR
C.M.U.	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUED, CONTINUOUS
COORD.	COORDINATE
CORR.	CORRIDOR
CTR.	CENTER
C.L.	CENTERLINE
DBL.	DOUBLE
DEMO.	DEMOLISH
DEPT.	DEPARTMENT
DET.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DIV.	DIVISION
DN.	DOWN
DR.	DOOR
D.S.	DOWN SPOUT
DWG.	DRAWING
DWR.	DRAWER
EA.	EACH
E.J.	EXPANSION JOINT
EL..ELEV.	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
ENCL.	ENCLOSURE
ENT.	ENTRANCE
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.W.	EACH WAY
EXIST.	EXISTING
EXP.	EXPANSION
EXPO.	EXPOSED
EXT.	EXTERIOR
F.A.	FIRE ALARM
F.D.	FLOOR DRAIN
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FIN.	FINISH
FIXT.	FIXTURE
FLASH.	FLASHING
FLOUR.	FLUORESCENT
F.O.	FACE OF
F.O.C.	FACE OF CONCRETE
F.O.E.W.	FACE OF EXISTING WALL
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUDS
F.S.	FULL SIZE
FT.	FOOT, FEET
FTG.	FOOTING
FURR.	FURRING
FUT.	FUTURE
GA.	GAUGE
GALV.	GALVANIZED
G.B.	GRAB BAR
GEN.	GENERAL
GFCMU	GROUND FACE C.M.U.
GL.	GLASS
GLZ.	GLAZING
GND.	GROUND
GR.	GRADE
G.W.B.	GYPSUM WALL BOARD
H.C.	HOLLOW CORE
HD.	HEAD
HDWD.	HARDWOOD
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
I.D.	INSIDE DIAMATER
IN.	INCH, INCHES
INCL.	INCLUDE(D)
INSUL.	INSULATION
INT.	INTERIOR
J.C.	JANITOR'S CLOSET
JT.	JOINT
KIT.	KITCHEN
LAM.	LAMINATE
LAV.	LAVATORY
LWT.	LIGHT WEIGHT
MAS.	MASONRY
MAT.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MEZZ.	MEZZANINE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MTD.	MOUNTED
MTG.	MOUNTING
MTL.	METAL
MUL.	MULLION
MW.	MICROWAVE
N	NORTH
N.I.C.	NOT IN CONTRACT
NO., #	NUMBER
NOM.	NOMINAL
N.T.S	NOT TO SCALE
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OFF.	OFFICE
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
O.H.	OPPOSITE HAND
OZ	OUNCE
PAV.	PAVING
PL.	PLATE
P.LAM	PLASTIC LAMINATE
PLAS.	PLASTER
PLYWD.	PLYWOOD
PR.	PAIR
PRCST.	PRECAST
PT.	PRESSURE TREATED
PTD.	PAINTED
PART.	PARTITION
RAD.	RADIUS
R.B.	RESILIENT BASE
R.C.P.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
REC.	RECESSED
REF.	REFERENCE
REFR.	REFRIGERATOR
REINF.	REINFORCED
REQ.	REQUIRED
RESIL.	RESILIENT
REV.	REVISION
RGTR.	REGISTER
RM.	ROOM
R.O.	ROUGH OPENING
R.W.L.	RAIN WATER LEADER
S	SOUTH
S.C.	SOLID CORE
SCHED.	SCHEDULE
SECT.	SECTION
SHR.	SHOWER
SHT.	SHEET
SIM.	SIMILAR
S.P.	STANDPIPE
SPEC.	SPECIFICATION
SQ.	SQUARE
SS.	STAINLESS STEEL
SK.	SERVICE SINK
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SYM.	SYMMETRICAL
TEMP.	TEMPERED
T.G.	TEMPERED GLASS
T.&G.	TONGUE AND GROOVE
TH.	THICK
TLT.	TOILET
T.O.	TOP OF
T.O.W.	TOP OF WALL
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
VB.	VAPOR BARRIER
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
VNR.	VENEER
VOL.	VOLUME
W.	WEST
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
WIN.	WINDOW
WK.	WORK
W/O	WITHOUT
WP.	WATERPROOFING
WT.	WEIGHT

DRAWING ALTERATION
ALTERATION OF A DRAWING EXCEPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209
IF, A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, OR PROFESSIONAL ENGINEER AND LAND SURVEYOR, THIS ITEM IS TO BE ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MK/JPC	4/7/17

Drawn By: MN
Checked By: SB
Scale: 3/23"=1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
NOTES, SYMBOLS, & ABBREVIATIONS

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
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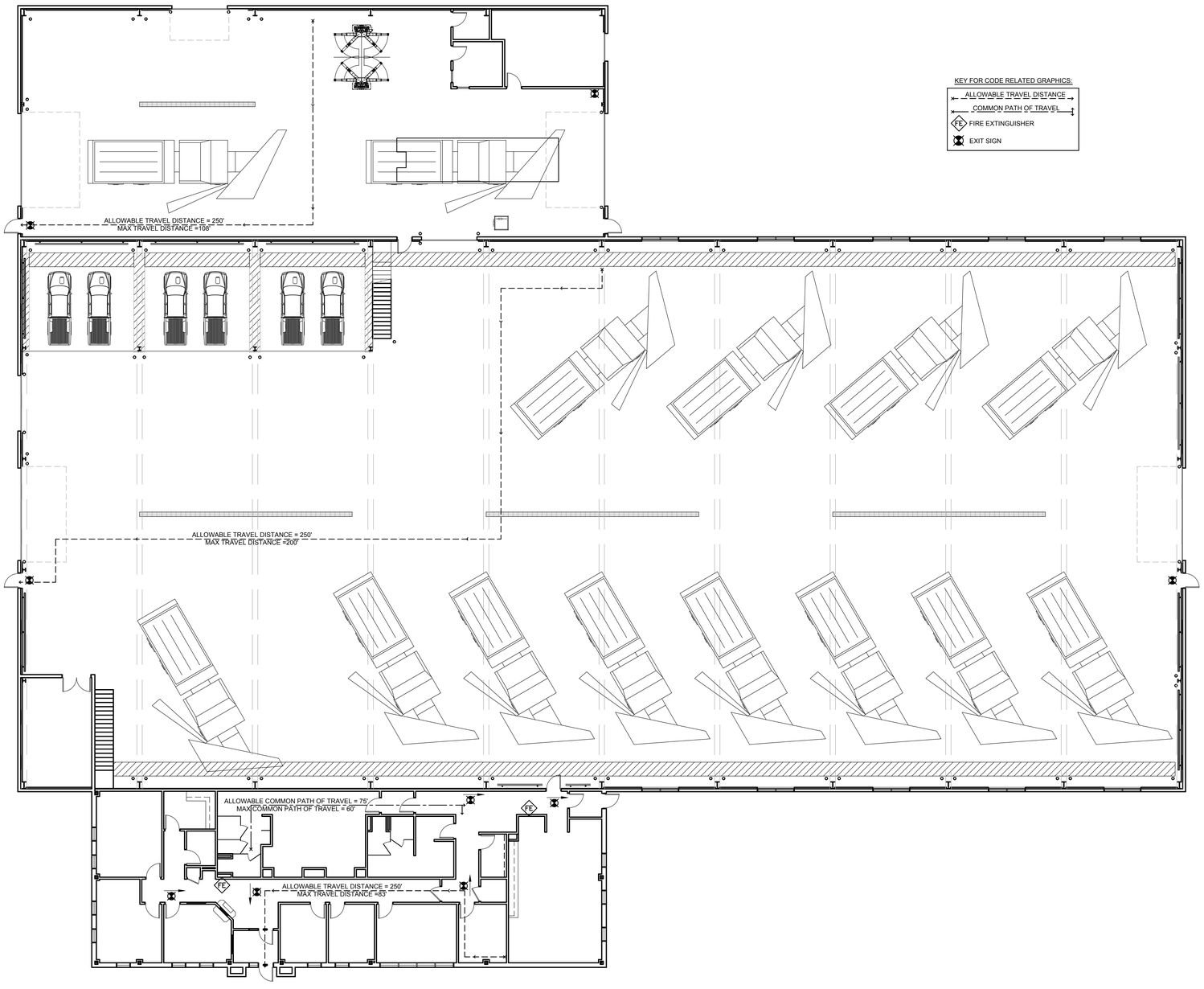
Sheet No.
T-1
of
Project No.
0300.16001



KEY FOR CODE RELATED GRAPHICS:

- ALLOWABLE TRAVEL DISTANCE
- COMMON PATH OF TRAVEL
- FE FIRE EXTINGUISHER
- EXIT SIGN

1 HIGHWAY GARAGE LIFE SAFETY PLAN
3/32" = 1'-0"

HIGHWAY GARAGE LIFE SAFETY ANALYSIS:
*SEE SHEET A-11 FOR THE COLD STORAGE BUILDING LIFE SAFETY PLAN

ITEM:	PROVIDED:	ALLOWABLE/ REQUIRED:	NOTES:
OCCUPANCY	B-BUSINESS S1-STORAGE		
TOTAL BLDG AREA (SF)	40,884		EXCLUDES MEZZANINE PER 505.2
CONSTRUCTION TYPE:	2B		NON COMBUSTIBLE
B-BUSINESS-AREA (SF)	4,180	92,000	PER TABLE 506.2
B-OCCUPANTS (OCCUPANTS/FLOOR AREA)	42	1/100	PER 2015 IBC 1004.1.2
S1-STORAGE AREA (SF)	36,704	70,000	PER TABLE 506.2
S1-OCCUPANTS (OCCUPANTS/FLOOR AREA)	122	1/300	ACCESSORY STORAGE PER 2015 IBC 1004.1.2
TOTAL OCCUPANTS	164		B+S1 COMBINED
EXITS (MAIN LEVEL)	6	2	PER 1006.3.1
TRAVEL DISTANCE (MAIN LEVEL)	200'	250'	PER 1017.2: TRAVEL DISTANCE OF 250'-0" IS PERMITTED FROM S-1 OCCUPANCY (MOST RESTRICTIVE) IF THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM. SEE BELOW.
AUTOMATIC SRINKLER SYSTEM	YES	YES	PER 903.2.9 - NUMBER 1: S1 FIRE AREAS THAT EXCEED 12,000 SF REQUIRE AN AUTOMATIC SPRINKLER SYSTEM. **AND** NUMBER 4: S1 FIRE AREAS THAT STORE COMMERCIAL TRUCKS OR BUSES AND EXCEED 5,000 SF REQUIRE AN AUTOMATIC SPRINKLER SYSTEM.
EGRESS WIDTH FOR EGRESS COMPONENTS *OTHER THAN STAIRWAYS* (INCHES)	231	32.83	PER 1005.3.2: THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A FACTOR OF (0.2) INCHES PER OCCUPANT. 231" TOTAL INCHES INCLUDE (5) SINGLE EXIT DOORS AT 33" CLEAR OPENING EACH AND (1) DOUBLE EXIT DOOR AT 66" CLEAR OPENING
COMMOM PATH OF TRAVEL	60'	100'	PER TABLE 1006.2.1: COMMOM PATH OF TRAVEL IS INCREASED FROM 75' TO 100' FOR BUILDINGS EQUIPPED WITH AN AUTOMATIC SPINKLER SYSTEM
WATER CLOSETS	5	4	PER 2902.1
LAVATORIES	5	4	PER 2902.1
DRINKING FOUNTAINS	2	2	PER 2902.1
FIRE BARRIERS: REQUIRED SEPARATION BETWEEN ADJACENT OCCUPANCIES	NONE	NO	PER TABLE 508.4: NO SEPARATION REQUIRED BETWEEN B AND S1 OCCUPANCIES
MEZZANINE (SQAURE FEET AREA)	1860 SF	9,942	PER 505.2.1: MEZZANINE AREA MUST BE LESS THAN ONE THIRD THE SQUARE FOOTAGE OF THE "SPACE IN WHICH THEY ARE LOCATED".
FIRE EXTINGUISHER(S) FOR CLASS 'A' HAZARDS (PER 2015 IBC 906.1	2	1	PER 2015 IBC 906.1 PORTABLE FIRE EXITNGUISHERS SHALL BE INSTALLED IN NEW AND EXISTING GROUP(S) A,B,E,F,H,I,M,R-1,R-2,R-4, AND S OCCUPANCIES. PER 2015 IBC TABLE 906.3(1) MAXIMUM TRAVEL DISTANCE PROVIDED IS LESS THAN 75'
DEAD END CORRIDORS	30'	50'	PER 1020.4: WHERE MORE THAN ONE EXIT OR EXIT ACCESS DOORWAY IS REQURIED, THE EXIT ACCESS SHALL BE ARRANGED SUCH THAT THERE ARE NO DEAD END CORRIDORS MORE THAN 20 FEET IN LENGTH. EXCEPTION 2: THIS ALLOWABLE DISTANCE IS INCREASED TO 50' WHEN THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM

DRAWING ALTERATION
THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209
THAT APPLIES TO THIS DRAWING.
IT IS A VIOLATION FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT TO ALTER, IN ANY WAY, AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR ARCHITECT. IF AN ITEM BEARING SUCH SEAL IS ALTERED, THE ALTERING ENGINEER OR ARCHITECT SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MKL/JPC	4/21/17

Drawn By: JC
Checked By: SB
Scale: 3/32"=1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO

Drawing Title:
LIFE SAFETY PLAN

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585.381.9250
www.mrbgroup.com

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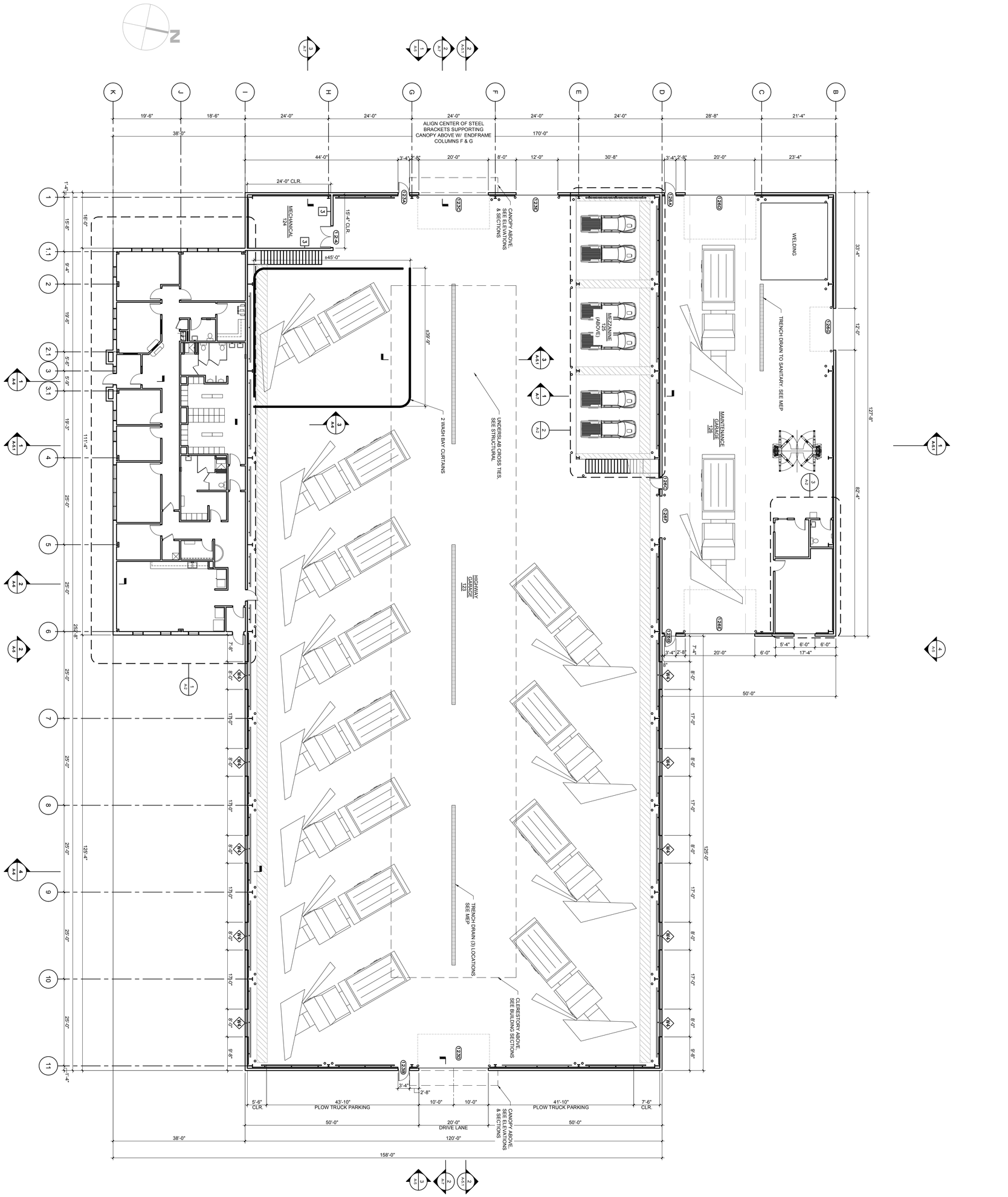
of

Project No.
0300.16001



Project No.	0300.16001
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of	

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Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
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Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
FLOOR PLAN

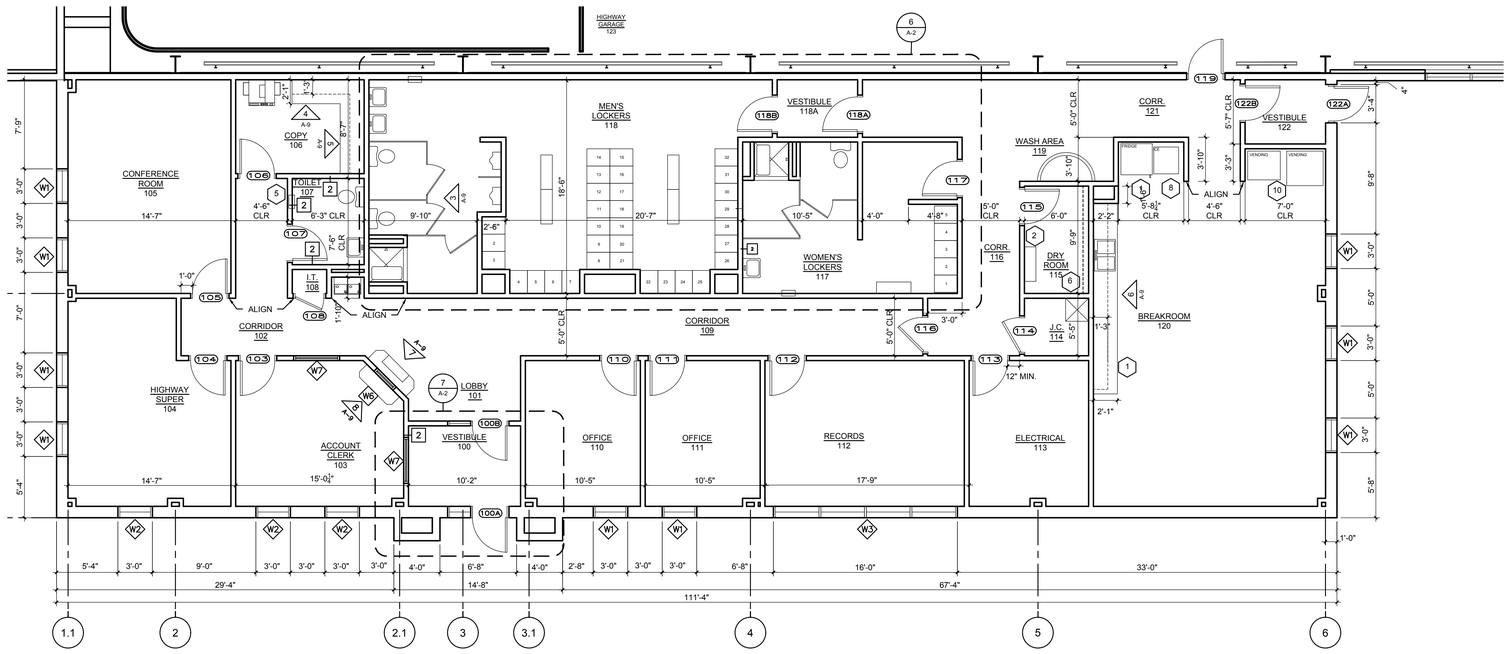
Drawn By: JC/MN
Checked By: SB
Scale: 3/32"=1'-0"
Date: APRIL 2017

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/17/17

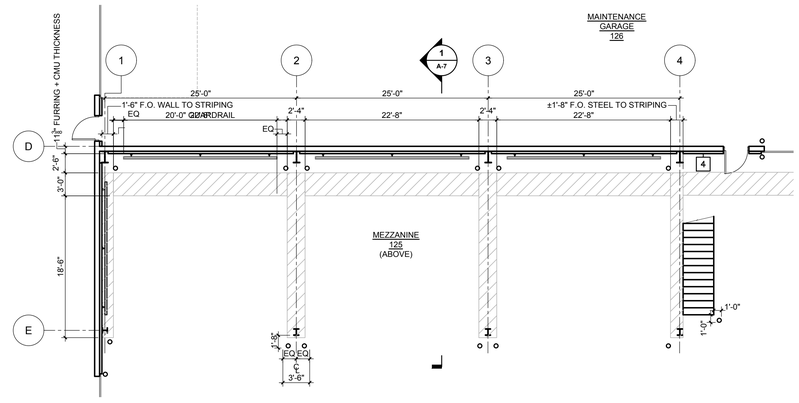
DRAWING ALTERATION

THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING.

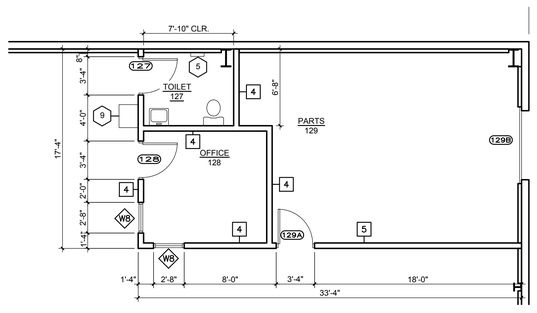
"IT IS A VIOLATION OF THIS LAW FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION."



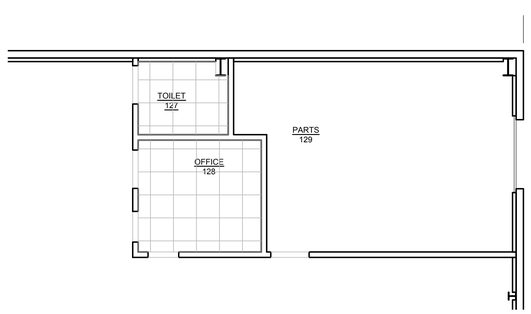
1 ENLARGED FLOOR PLAN @ OFFICES
3/16" = 1'-0"



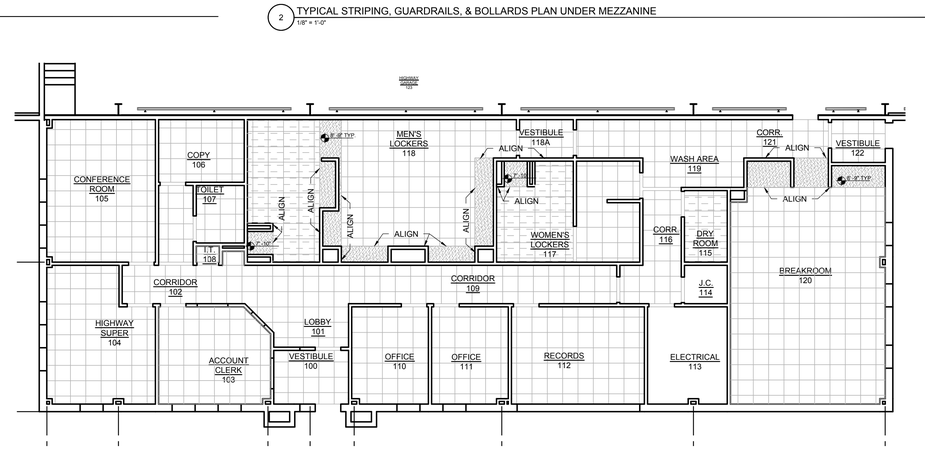
2 TYPICAL STRIPING, GUARDRAILS, & BOLLARDS PLAN UNDER MEZZANINE
1/8" = 1'-0"



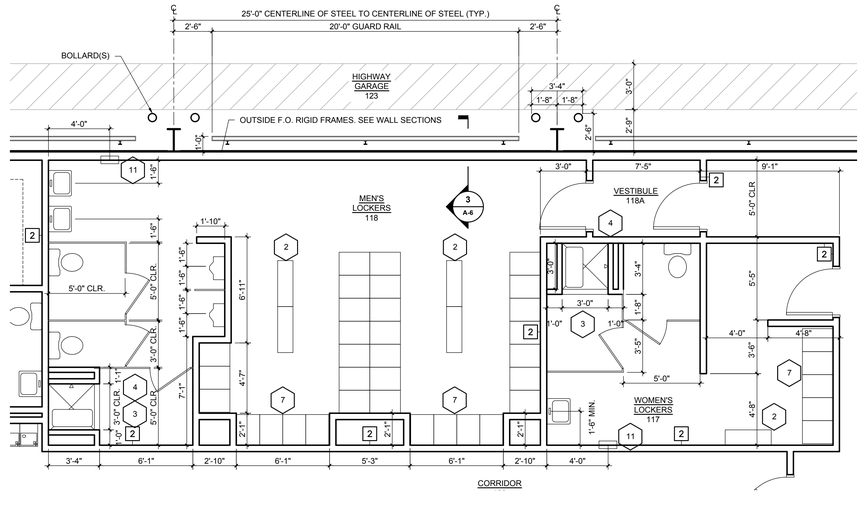
3 ENLARGED FLOOR PLAN @ MAINTENANCE GARAGE
3/16" = 1'-0"



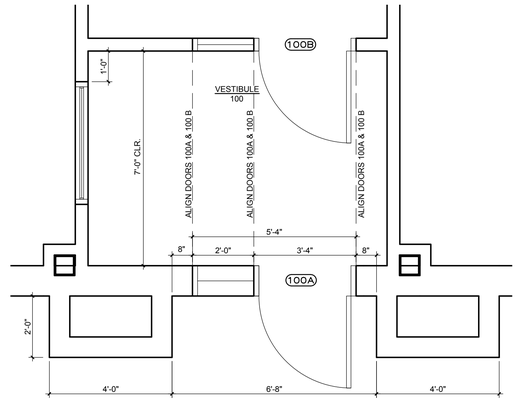
4 REFLECTED CEILING PLAN @ MAINTENANCE GARAGE
1/8" = 1'-0"



5 REFLECTED CEILING PLAN @ OFFICES
1/8" = 1'-0"



6 ENLARGED FLOOR PLAN @ LOCKERS / TYPICAL GUARD RAIL, BOLLARDS, & STRIPING LAYOUT IN GARAGE
1/4" = 1'-0"



7 ENLARGED FLOOR PLAN @ ENTRY VESTIBULE
1/2" = 1'-0"

CEILING LEGEND
- 2'x2' CT-1 ACOUSTIC CEILING TILE & GRID
- 2'x2' CT-2 ACOUSTIC CEILING TILE & GRID
- GYPSUM BOARD
- OPEN TO STRUCTURE ABOVE

GENERAL NOTES:
A. ALL INTERIOR WALLS ARE TYPE 1 UNLESS NOTED OTHERWISE. SEE PARTITION TYPES.
B. ALL ACOUSTIC CEILING TILE CEILINGS ARE AT 9'-0" A.F.F. UNLESS NOTED OTHERWISE
C. ALL GWB CEILINGS ARE AT 8'-9" A.F.F. UNLESS NOTED OTHERWISE.
D. THROUGHOUT HIGHWAY GARAGE 123 AND MAINTENANCE GARAGE 126 PROVIDE ¾" THICK METAL LINER PANEL ON 3" Z-FURRING WITH 3" RIGID INSULATION AT THE INTERIOR FACE OF CMU. SEE WALL SECTIONS.
E. PROVIDE ½" THICK PLASTIC LAMINATE WINDOW SILLS AT ALL W1 & W3 TYPE WINDOWS. SILLS TO EXTEND ¾" FROM FACE OF FINISHED WALL. SEE A-8.

KEYED NOTES:
1. FRIDGE AND (4) MICROWAVES PROVIDED BY OWNER. INSTALLED BY GC.
2. PROVIDE MOVEABLE BENCH, WHERE SHOWN.
3. 3'-0" CLEAR SHOWER WIDTH TO BE MAINTAINED AFTER WALL TILE INSTALLATION.
4. PROVIDE IN WALL BLOCKING FOR SHOWER SEAT INSTALLATION, AS REQUIRED.
5. SPECIFIED COMBO TOWEL AND WASTE RECEPTACLE.
6. PROVIDE METAL COAT ROD @ 6'-0" AFF ALONG ENTIRE LENGTH OF WALL, AS SHOWN. INCLUDE ALL NECESSARY HARDWARE AND SPAN SUPPORTS AT 3'-0" MAX.
7. SPECIFIED LOCKERS.
8. ICE MAKER PROVIDED BY OWNER. PC TO INSTALL & PROVIDE WATER LINE.
9. SERVICE SINK, SEE MEP.
10. VENDING MACHINES PROVIDED AND INSTALLED BY OWNER.
11. SPECIFIED TOWEL DISPENSER.

No.	Revisions and Descriptions	By	Date
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Drawn By: JC/MK
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

Project Title:
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TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
ENLARGED FLOOR PLANS

MRB group
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Sheet No.
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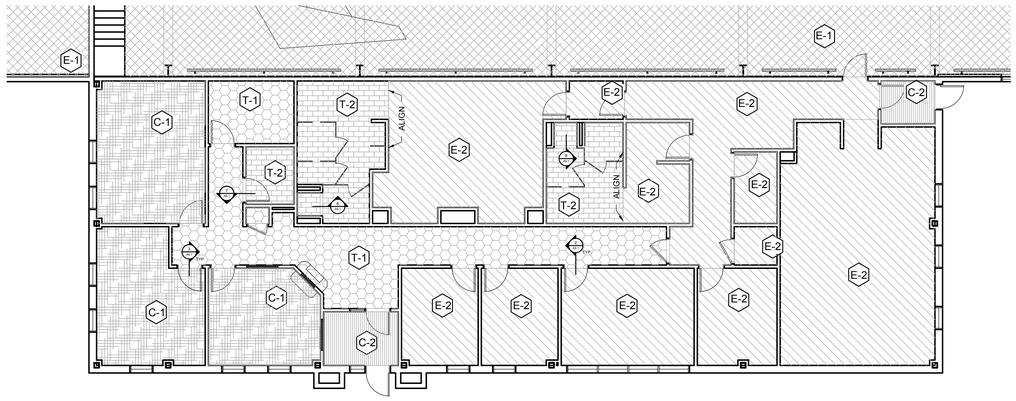
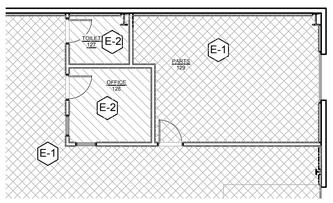


1 ENLARGED FLOOR FINISH PLAN @ OFFICES
1/8" = 1'-0"



2 ENLARGED FLOOR FINISH PLAN @ MAINTENANCE GARAGE
1/8" = 1'-0"

FLOORING LEGEND
C-1 CARPET TILE
C-2 WALK-OFF CARPET
T-1 PORCELAIN TILE
T-2 CERAMIC TILE
E-1 SEALER
E-2 EPOXY

GENERAL FLOOR FINISH NOTES:

A. CONTRACTOR SHALL VERIFY WITH MANUFACTURER REQUIRED FINISH / SEALANT & FLOOR LEVELING REQUIREMENTS FOR ALL FLOORING PRIOR TO ORDERING & INSTALLATION. THE VOIDING OF WARRANTIES AND/OR ADDITIONAL COSTS RESULTING FROM FAILURE TO COMPLY WITH THE FLOORING MANUFACTURER'S REQUIREMENTS WILL BE INCURRED BY THE CONTRACTOR

B. ALL RESILIENT BASE TO BE 1/8" THICKNESS, U.O.N. ALL RESILIENT BASE AT CARPETING SHALL BE STRAIGHT STYLE, AND COVE STYLE AT ALL OTHER LOCATIONS, U.O.N.

C. CONTRACTOR SHALL PREPARE FLOOR/SLAB FOR INSTALLATION OF FLOOR COVERING IN ACCORDANCE WITH ALL MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. CONTRACTOR SHALL REMOVE ALL FOREIGN MATTER, GREASE, WAX, OIL, PAINT, DIRT, ETC. CRACKS, HOLES, AND DEPRESSIONS SHALL BE FILLED WITH GOOD GRADE FLASHING.

D. UNLESS OTHERWISE NOTED, TRANSITION POINTS TO OCCUR AT DOORWAYS AND ENTRANCES ON CENTERLINE OF SAME, AT ALL LOCATIONS WHERE CHANGE IN FLOORING MATERIAL OCCURS.

E. ALL FLOOR COVERING TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. UNLESS OTHERWISE NOTED, ALL CARPETING TO BE INSTALLED BY DIRECT-GLUE METHOD.

F. HATCH PATTERN SHOWN RELATES TO FLOORING LEGEND ONLY AND DOES NOT REPRESENT INTENDED INSTALLATION PATTERN.

G. UNLESS OTHERWISE NOTED, ALL WALL BASE ON GWB SHALL BE B-1, TYPICAL.

H. PROVIDE E1 SEALER THROUGHOUT HIGHWAY GARAGE 123, MAINTENANCE GARAGE 126, MEZZANINE 125, & MECHANICAL 124. THIS INCLUDES THE CONCRETE PLANK FLOOR ABOVE MECHANICAL 124.

I. PROVIDE SCHLUTER TRANSITION PROFILES AT ALL TILE TO CARPET TRANSITIONS. PROVIDE APPROPRIATE PROFILES TO ACCOMMODATE MATERIAL HEIGHTS WITH MINIMUM REVEAL. REFER TO DETAIL ON A9.1.

J. PROVIDE MARBLE THRESHOLDS AT ALL TILE TO TILE TRANSITIONS, WHERE TILE TYPE VARIES AND AT SHOWER THRESHOLDS. PROVIDE APPROPRIATE PROFILES TO ACCOMMODATE MATERIAL HEIGHTS. REFER TO DETAILS ON A9.1

K. PROVIDE RUBBER/ OR VINYL EDGE STRIPS AT ALL TILE/CARPET TO CONCRETE TRANSITIONS. MATCH SPECIFIED WALL BASE COLOR.

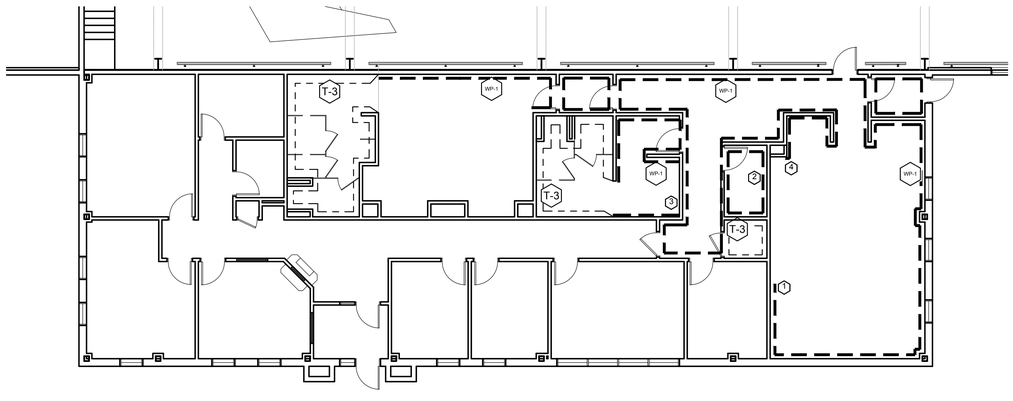
FINISH SCHEDULE

A / B / C / D

ROOM NO.	ROOM NAME	FLOOR FINISH	BASE TYPE	WALL FINISH A	B	C	D	ALL	CEILING FINISH	REMARKS
100	VESTIBULE	C-2	B-1	-	-	-	-	PT-1	CT-1	
101	LOBBY	T-1	TB-1	-	-	-	-	PT-1	CT-1	
102	CORRIDOR	T-1	TB-1	-	-	-	-	PT-1	CT-1	
103	ACCOUNT CLERK	C-1	B-1	-	-	-	-	PT-1	CT-1	
104	HIGHWAY SUPER	C-1	B-1	-	-	-	-	PT-1	CT-1	
105	CONFERENCE ROOM	C-1	B-1	-	-	-	-	PT-1	CT-1	
106	COPY ROOM	T-1	TB-1	-	-	-	-	PT-1	CT-1	
107	TOILET	T-2	TB-2	-	-	-	-	PT-1	CT-1	
108	I.T. CLOSET	T-1	B-1	-	-	-	-	PT-1	CT-1	
109	CORRIDOR	T-1	TB-1	-	-	-	-	PT-1	CT-1	
110	OFFICE	E-2	B-1	-	-	-	-	PT-1	CT-1	
111	OFFICE	E-2	B-1	-	-	-	-	PT-1	CT-1	
112	RECORDS	E-2	B-1	-	-	-	-	PT-1	CT-1	
113	MECHANICAL ROOM	E-2	B-1	-	-	-	-	PT-1	-	
114	JANITORS CLOSET	E-2	B-1	-	-	-	-	T-3/PT-1	-	
115	DRY ROOM	E-2	B-1	-	-	-	-	PT-1	CT-2	
116	CORRIDOR	E-2	B-1	-	-	-	-	PT-1	CT-1	
117	WOMEN'S LOCKERS	E-2/T-2	B-1/TB-3	-	-	-	-	T-3/PT-1	CT-2	
118	MEN'S LOCKERS	E-2/T-2	B-1/TB-3	-	-	-	-	T-3/PT-1	CT-2	
118A	MEN'S LOCKERS VESTIBULE	E-2	B-1					PT-1	CT-1	
119	WASH AREA	E-2	B-1	-	-	-	-	PT-1	CT-1	
120	BREAKROOM	E-2	B-1	-	-	-	-	PT-1	CT-1	
121	CORRIDOR	E-2	B-1	-	-	-	-	PT-1	CT-1	
122	VESTIBULE	C-2	B-1	-	-	-	-	PT-1	CT-1	
123	HIGHWAY GARAGE	E-1	-	-	-	-	-	-	-	
124	MECHANICAL ROOM	E-1	B-1	PT-1	PT-1	-	-	-	-	
125	MEZZANINE	E-1	-	-	-	-	-	-	-	
126	MAINTENANCE GARAGE	E-1	-	-	-	-	-	-	-	
127	TOILET	E-2	-	-	-	-	-	PT-4	CT-1	
128	OFFICE	E-2	-	-	-	-	-	PT-4	CT-1	
129	PARTS	E-1	-	-	-	-	-	-	-	

INTERIOR BUILDING MATERIAL SCHEDULE

MARK	TYPE	REMARKS	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN DESCRIPTION
B-1	RESILIENT BASE	BASE TO BE STRAIGHT @ CARPET, COVE @ ALL OTHER LOCATIONS	JOHNSONITE	SIZE: 4" HIGH, 1/8" THICK COLOR: TBD
C-1	CARPET	TILE	SHAW	HAND DRAWN, 18"x36" TILE, ASHLAR INSTALL PATTERN 5T113 FINE POINT TILE COLOR: TBD
C-2	WALK-OFF CARPET	TILE, WALK-OFF FLOORING AT VESTIBULES	SHAW	ALL ACCESS, 24"x24" TILE, ASHLAR INSTALL PATTERN 5T034 PATH TILE COLOR: TBD
CT-1	ACOUSTIC CEILING TILE	GENERAL USE	ARMSTRONG	TILE: 24"x24"x5/8" DUNE 15/16" ANGLED TEGULAR #1774 GRID: PRELUDE ML 15/16"
CT-2	ACOUSTIC CEILING TILE	WET APPLICATIONS - LOCKER ROOMS AND DRY ROOM	ARMSTRONG	TILE: 24"x24"x5/8" CERAMAGUARD FINE FISSURED 15/16" #607 GRID: PRELUDE ML 15/16"
E-1	CONCRETE FLOOR SEALER		EUCLID CHEMICAL	
E-2	CONCRETE FLOOR EPOXY		SHERWIN WILLIAMS	
G-1	EPOXY GROUT	FOR USE WITH T-1 AND TB-1	LATICRETE	SPECTRALOCK EPOXY GROUT COLOR: TBD
G-2	GROUT	FOR USE WITH T-2 AND TB-2.	LATICRETE	PERMACOLOR GROUT COLOR: TBD
G-3	GROUT	FOR USE WITH T-3 AND TB-3.	LATICRETE	PERMACOLOR GROUT COLOR: TBD
PL-1	LAMINATE	BREAKROOM & COPY ROOM CABINETS	WILSONART	COLOR: TBD FINISH: MATTE
PL-2	LAMINATE	TRANSACTION COUNTERS & SUPPORTS	WILSONART	COLOR: TBD FINISH: MATTE
PL-3	LAMINATE	BREAKROOM & COPY ROOM COUNTERS	WILSONART	COLOR: TBD FINISH: MATTE
PL-4	LAMINATE	WINDOW SILLS AT WINDOW TYPES W1 & W3	WILSONART	COLOR: TBD FINISH: MATTE
PT-1	INTERIOR PAINT	UON, ALL WALLS TO BE PT-1 WALL FINISH - EGGSHELL	SHERWIN WILLIAMS	COLOR: TBD
PT-2	INTERIOR PAINT	ACCENT PAINT WALL FINISH - EGGSHELL	SHERWIN WILLIAMS	COLOR: TBD
PT-3	INTERIOR PAINT	UON, ALL TRIM TO BE PT-3 TRIM FINISH - SEMI-GLOSS	SHERWIN WILLIAMS	COLOR: TBD
PT-4	INTERIOR PAINT	SELECT CMU WALLS	SHERWIN WILLIAMS	COLOR: TBD
T-1	PORCELAIN FLOOR TILE	USE G-1 GROUT.	DALTILE	INDUSTRIAL PARK 12"x12" 3/16" GROUT JOINT BRICK PATTERN COLOR: TBD
T-2	CERAMIC FLOOR TILE	TOILET, LOCKER ROOM AND SHOWER LOCATIONS. USE G-2 GROUT.	DALTILE	KEYSTONES 2"x2" MOSAIC COLOR: TBD, GROUP 1
T-3	CERAMIC WALL TILE	LOCKER ROOM AND SHOWER LOCATIONS USE G-3 GROUT. USE BULLNOSE TILE AT ALL HORIZONTAL AND VERTICAL EDGES.	DALTILE	3"x6" SEMI-GLOSS FIELD TILE, GROUT JOINT: MIN. 1/4" INSTALL PATTERN: 1/3 BRICK COLOR: TBD, GROUP 2
TB-1	PORCELAIN TILE BASE MOLDING	WHERE T-1 IS USED. USE G-1 GROUT.	DALTILE	INDUSTRIAL PARK 3"x12" FLOOR BULLNOSE, 3/8" GROUT JOINT COLOR: TBD
TB-2	CERAMIC TILE BASE MOLDING	TOILET 107. USE G-2 GROUT.	DALTILE	KEYSTONES 2"x2" MOSAIC BUILT UP BASE, 4" HIGH COLOR: MATCH T-2
TB-3	CERAMIC TILE BASE MOLDING	WHERE T-3 WALL TILE IS USED. USE G-3 GROUT.	DALTILE	4 1/4"x4 1/4" SEMI-GLOSS COVE, & COVE CORNER COLOR: TBD, GROUP 2
WP-1	WALL PROTECTION	SHEET VINYL WALL PROTECTION UP TO 3'-4" AFF, UNLESS OTHERWISE NOTED	INPRO CORP.	4'x8'x.040" PANELS COLOR: TBD



3 ENLARGED WALL FINISH PLAN @ OFFICES
1/8" = 1'-0"

WALL LEGEND
WP-1 WALL PROTECTION PANEL
T-3 CERAMIC WALL TILE

GENERAL WALL FINISH NOTES:

A. UNLESS OTHERWISE NOTED ON FINISH SCHEDULE, ALL WALLS TO BE PAINTED WITH EGGSHELL FINISH. EACH PAINT SHALL BE APPLIED TO THE MATERIAL IN FINISH QUALITY FOR THE APPROVAL OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF WORK.

B. CONTRACTOR TO PREPARE ALL NEW WALL SURFACES TO RECEIVE SPECIFIED WALL FINISHES PER THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS.

C. UNLESS OTHERWISE NOTED, ALL EXPOSED REGISTERS, CONNECTOR UNITS, HEAT PUMPS, GRILLES, AND OTHER FITTINGS IN THE OFFICE AREA ARE TO BE PAINTED WITH SEMI-GLOSS PAINT TO MATCH ADJACENT FINISH.

D. PAINT FINISH OVER GWB WALL MATERIAL: ONE COAT PRIMER, TWO COATS FINISH. REFERENCE FINISH SCHEDULE FOR PAINT SPEC AND COLOR.

E. CONTRACTOR TO PROVIDE HORIZONTAL LOUVER BLINDS AT ALL W1, W3 AND W8 TYPE WINDOWS.

F. ALL WALLS TO BE PAINTED IN THEIR ENTIRETY PER THE FINISH SCHEDULE PRIOR TO VINYL WALL PANEL INSTALLATION.

G. INSTALL VINYL WALL PROTECTION TO 3'-4" A.F.F., UNLESS OTHERWISE INDICATED.

KEYED WALL FINISH NOTES:

1. TERMINATE WALL PANELING AT BREAKROOM MILLWORK .
2. IN DRY ROOM #115, INSTALL WALL PANELING VERTICALLY TO 7'-0" A.F.F.
3. GC TO COORDINATE WALL PANELING WITH METAL LOCKER INSTALLATION.
4. TERMINATE WALL PANELING AT OUTSIDE WALL CORNER, NOT FACE OF MILLWORK.

DRAWING ALTERATION
THE FOLLOWING EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING.
A LICENSED PROFESSIONAL ENGINEER OR LICENSED ARCHITECT WHO ALTERS ANY ENTRY OF AN ITEM OR DETAIL ON A DOCUMENT THAT BEARS HIS OR HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS OR HER NAME AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/7/17

Drawn By: MN
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
FINISH PLANS & SCHEDULES

MRB group
Engineering, Architecture & Surveying, D.P.C.
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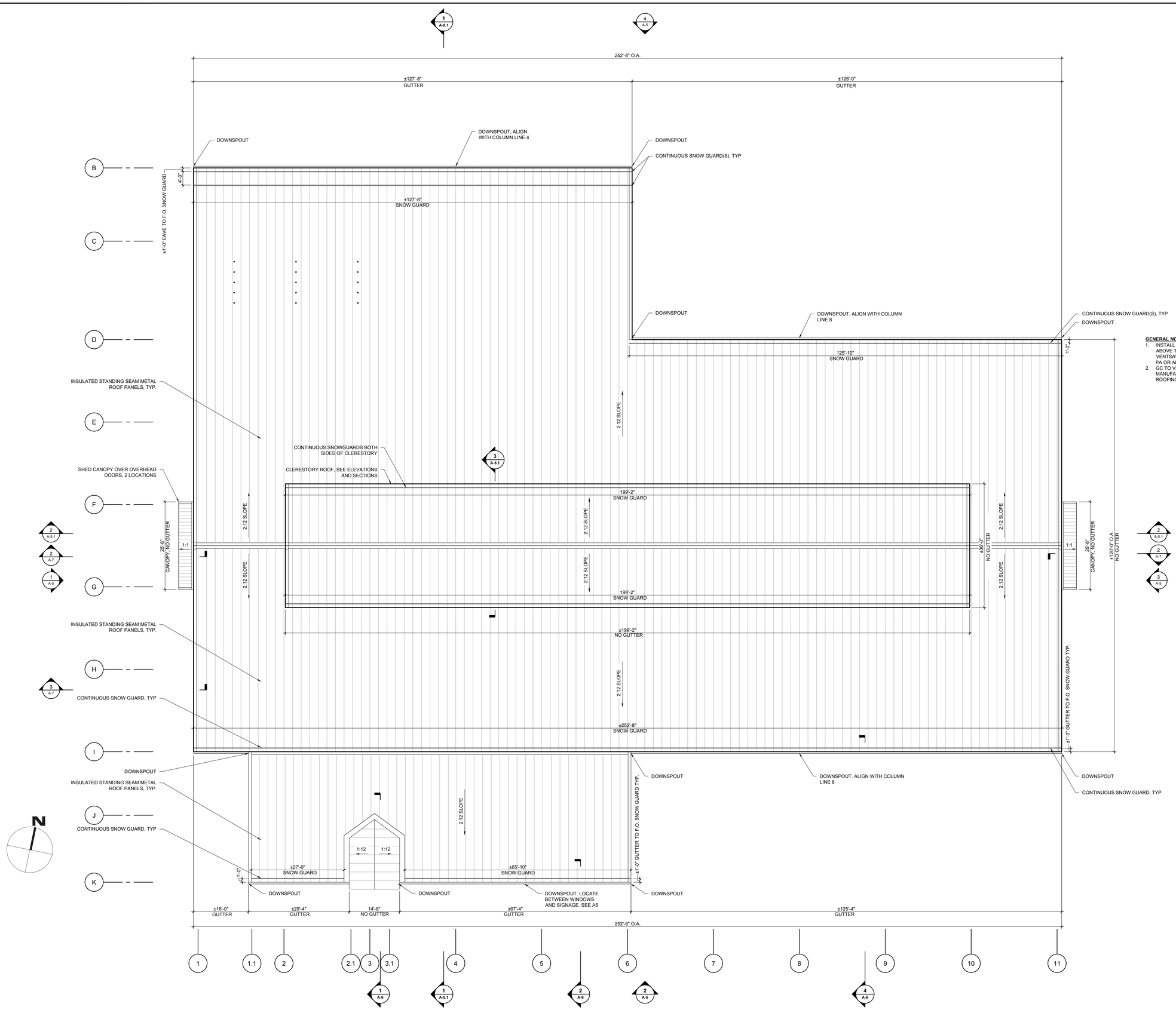
0300.16001

N:\0300.16001.000\dwg\Architectural\0300.16002_A-3 FINISH PLANS & SCHEDULES.dwg, 4/24/2017 12:39:20 PM



1 ROOF PLAN
3/32" = 1'-0"

GENERAL NOTES:

1. INSTALL VENT PIPE SUPPORTS ON ALL VENT PIPES AND DUCTS EXTENDING ABOVE THE ROOF PANELS OF THE STRUCTURE. SUPPORTS SHALL BE VENTSAVER P-383 BY ICEBLOX, INC., 1405 BRANDTON ROAD, MECHANICSBURG, PA OR APPROVED EQUAL.
2. GC TO VERIFY SNOW GUARD LOCATIONS AND PROXIMITY TO METAL TRIM WITH MANUFACTURER'S OF SNOW GUARDS, PRE-ENGINEERED METAL BUILDING, AND ROOFING. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	BM/JPC	4/7/17

Drawn By: JC
Checked By: SB
Scale: 3/32"=1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
ROOF PLAN

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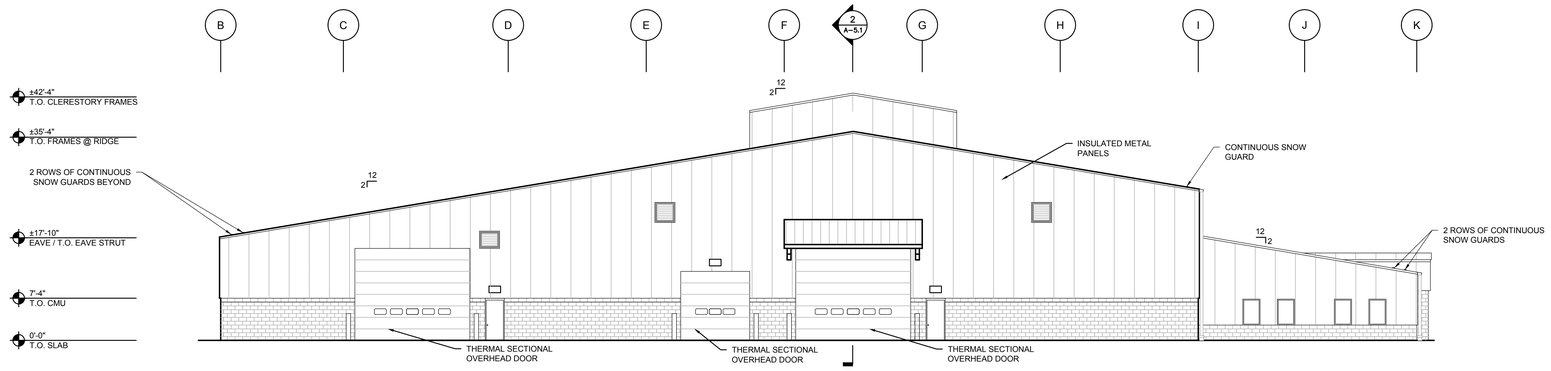
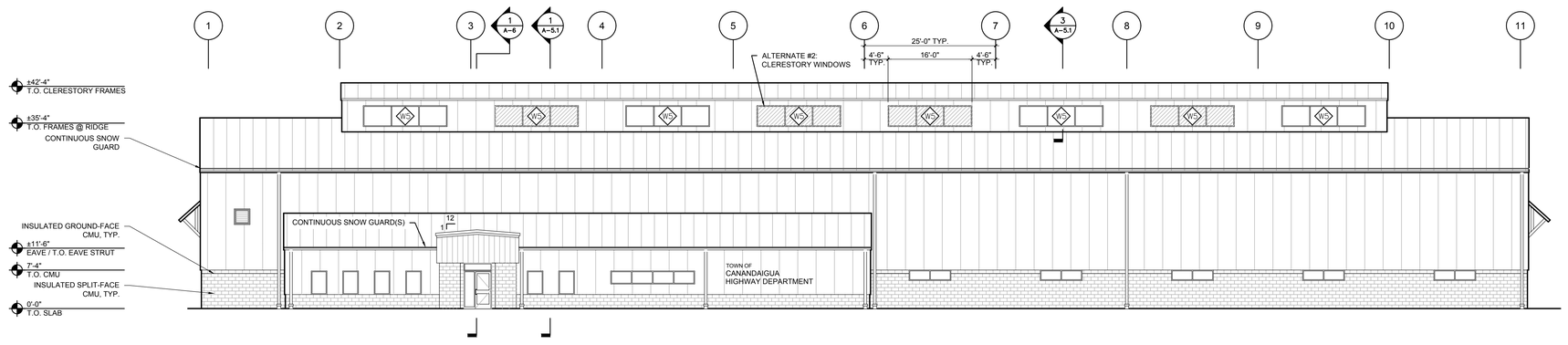
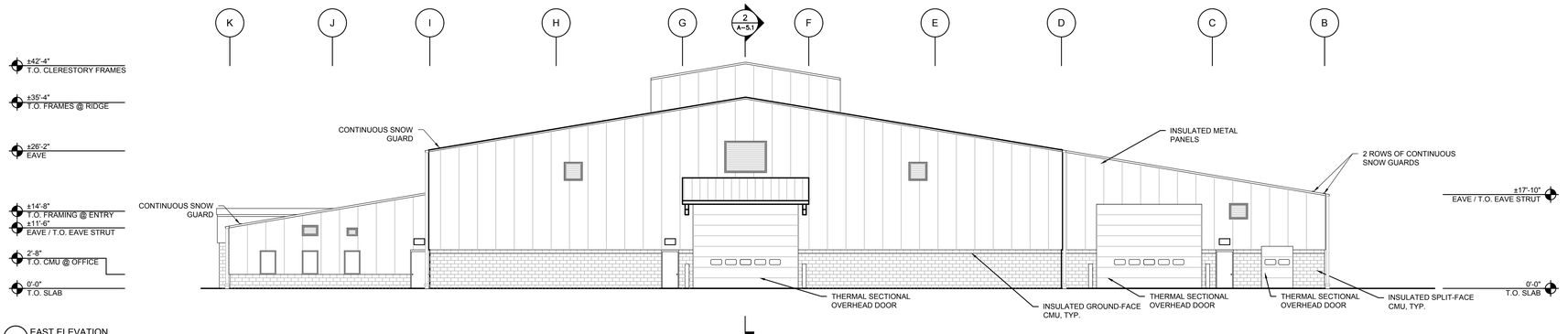
0300.16001



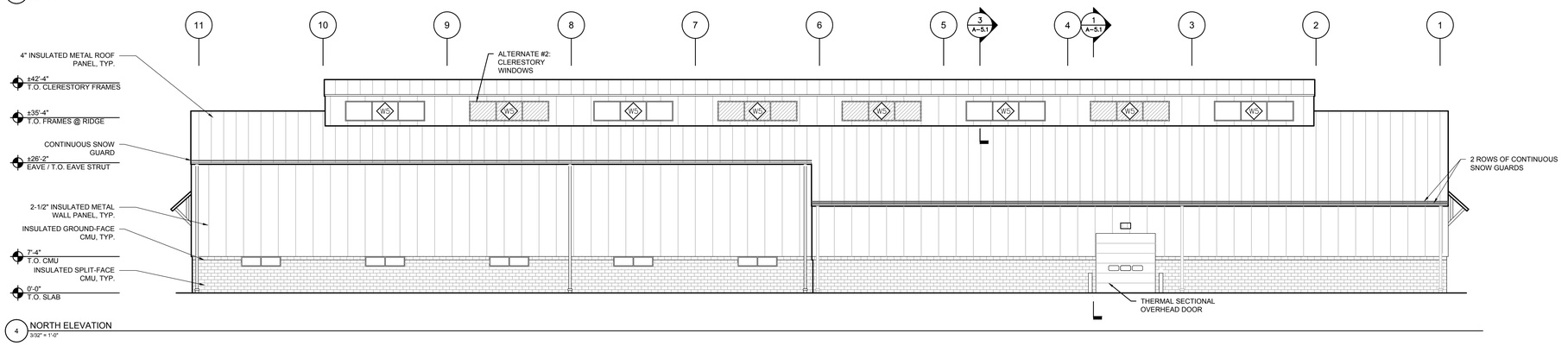
1 WEST ELEVATION
3/32" = 1'-0"



2 SOUTH ELEVATION
3/32" = 1'-0"



3 EAST ELEVATION
3/32" = 1'-0"



4 NORTH ELEVATION
3/32" = 1'-0"

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MM/JPC	4/17/17

Drawn By: JC
Checked By: SB
Scale: 3/32"=1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
BUILDING ELEVATIONS

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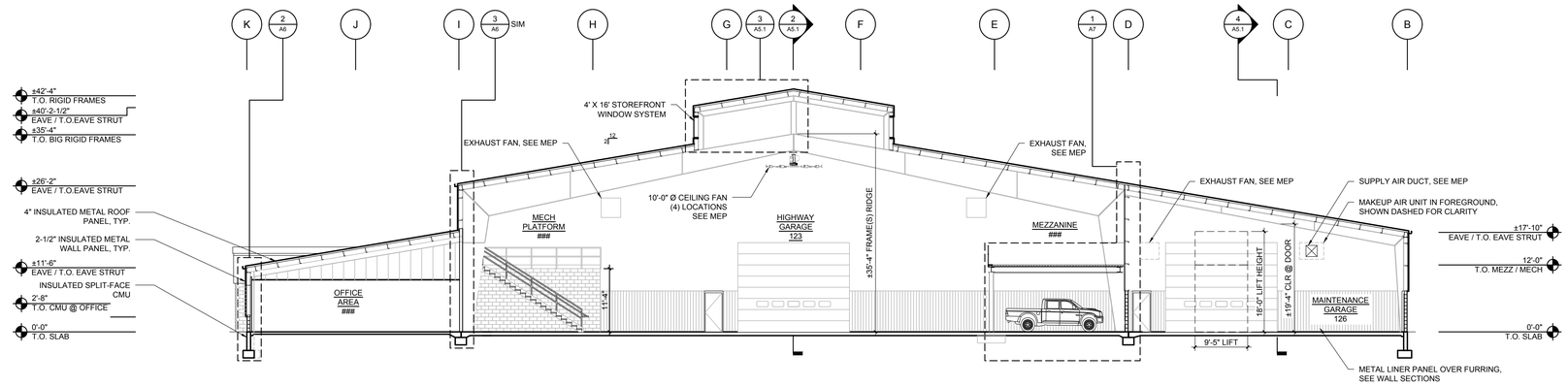
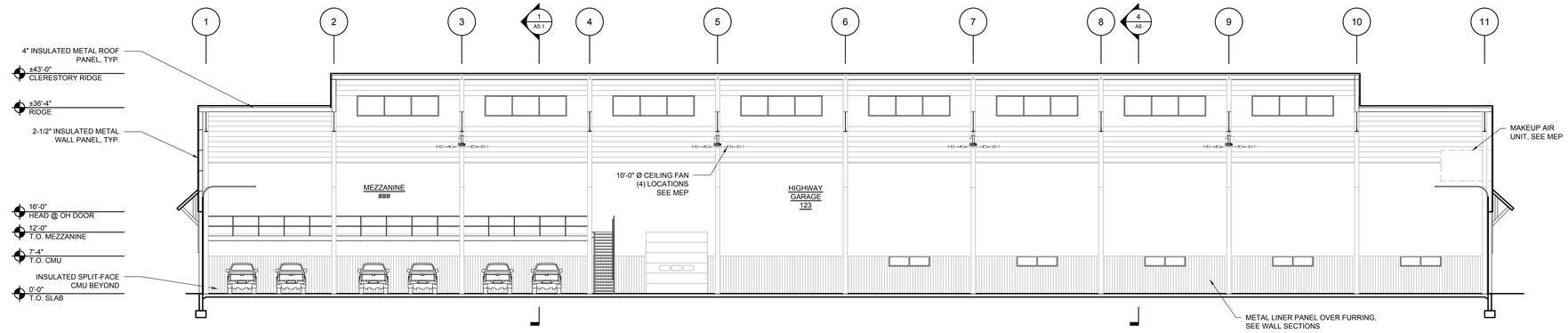
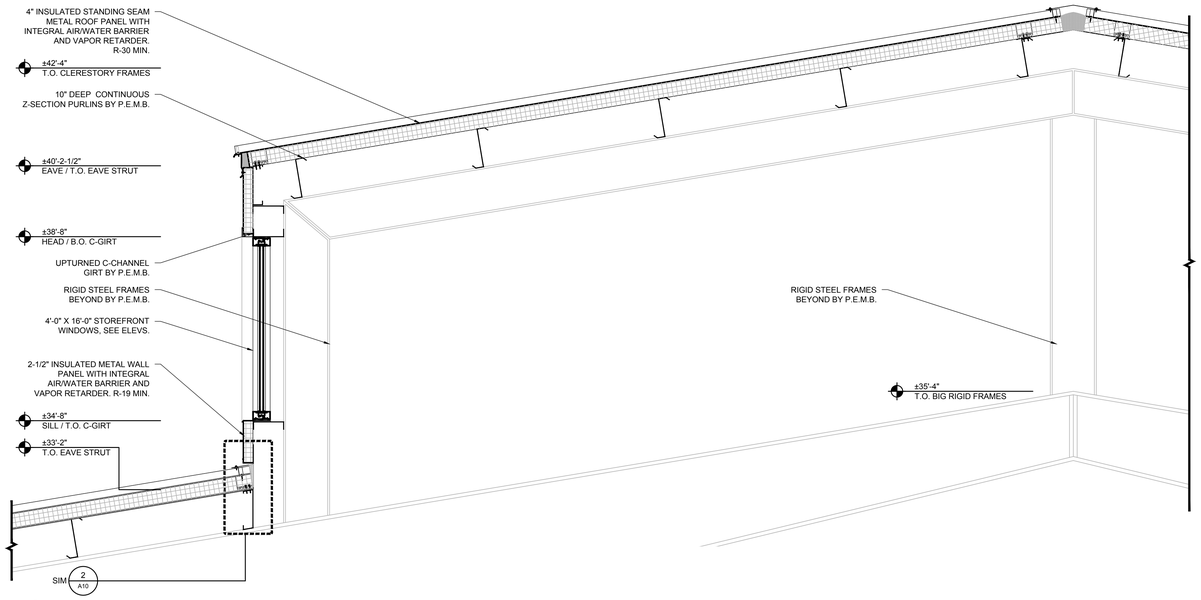


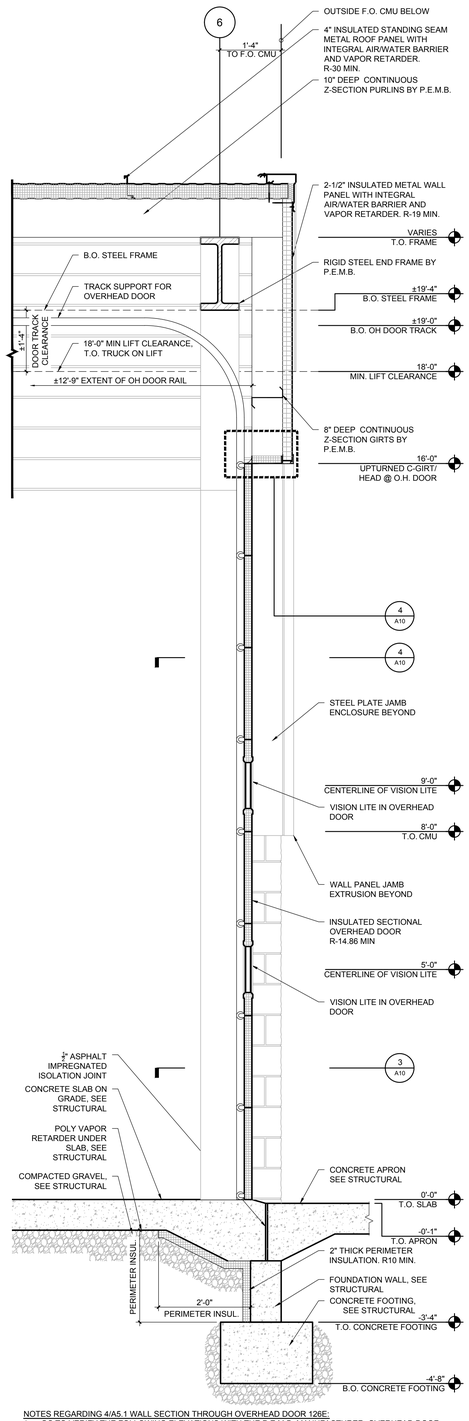
1 TRANSVERSE BUILDING SECTION
3/32" = 1'-0"



2 LONGITUDINAL BUILDING SECTION
3/32" = 1'-0"



3 TRANSVERSERE SECTION THROUGH CLERESTORY FRAMING
3/4" = 1'-0"



NOTES REGARDING 4/A5.1 WALL SECTION THROUGH OVERHEAD DOOR 126E:

1. GC TO VERIFY THE FOLLOWING ELEVATIONS WITH THE P.E.M.B. MANUFACTURER, OVERHEAD DOOR MANUFACTURER, LIFT MANUFACTURER, AND OWNER (LIFT & TRUCKS PROVIDED BY OWNER):
   - 1.1. PRESUMED B.O. STEEL @ ±19'-4"
     - 1.1.1. THIS ELEVATION REPRESENTS THE LOWEST B.O. STEEL OVER DOOR 126E.
   - 1.2. B.O. OVERHEAD DOOR TRACK @ ±19'-0"
   - 1.3. PRESUMED MINIMUM LIFT CLEARANCE @ ±18'-0"
     - 1.3.1. THIS ELEVATION REPRESENTS THE T.O. TRUCK WHEN ELEVATED ON THE LIFT.
2. OVERHEAD DOOR TRACK MUST FIT BETWEEN THE PRESUMED B.O. STEEL @ 19'-4" AND THE MINIMUM LIFT CLEARANCE @ ±16'-0". GC TO COORDINATE.

4 WALL SECTION THROUGH O.H. DOOR 126E @ MAINTENANCE LIFT
3/4" = 1'-0"

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MM/JPC	4/7/17

Drawn By: JC
Checked By: SB
Scale: AS NOTED
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
BUILDING SECTIONS

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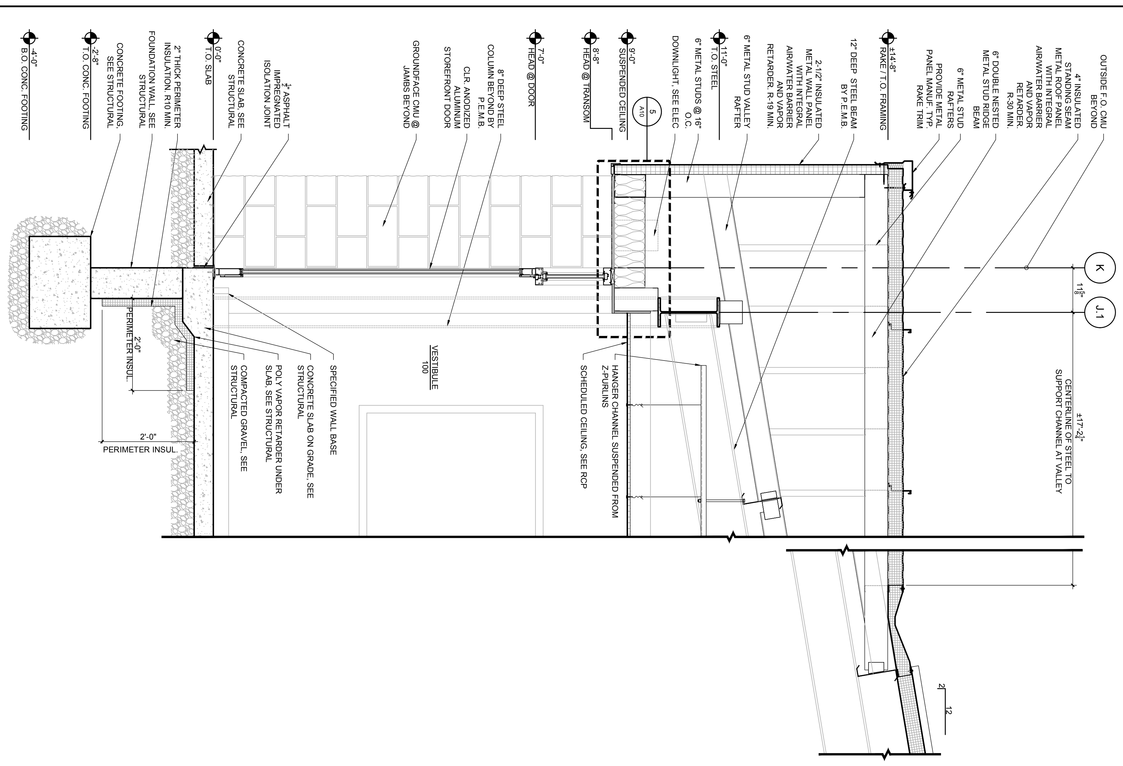
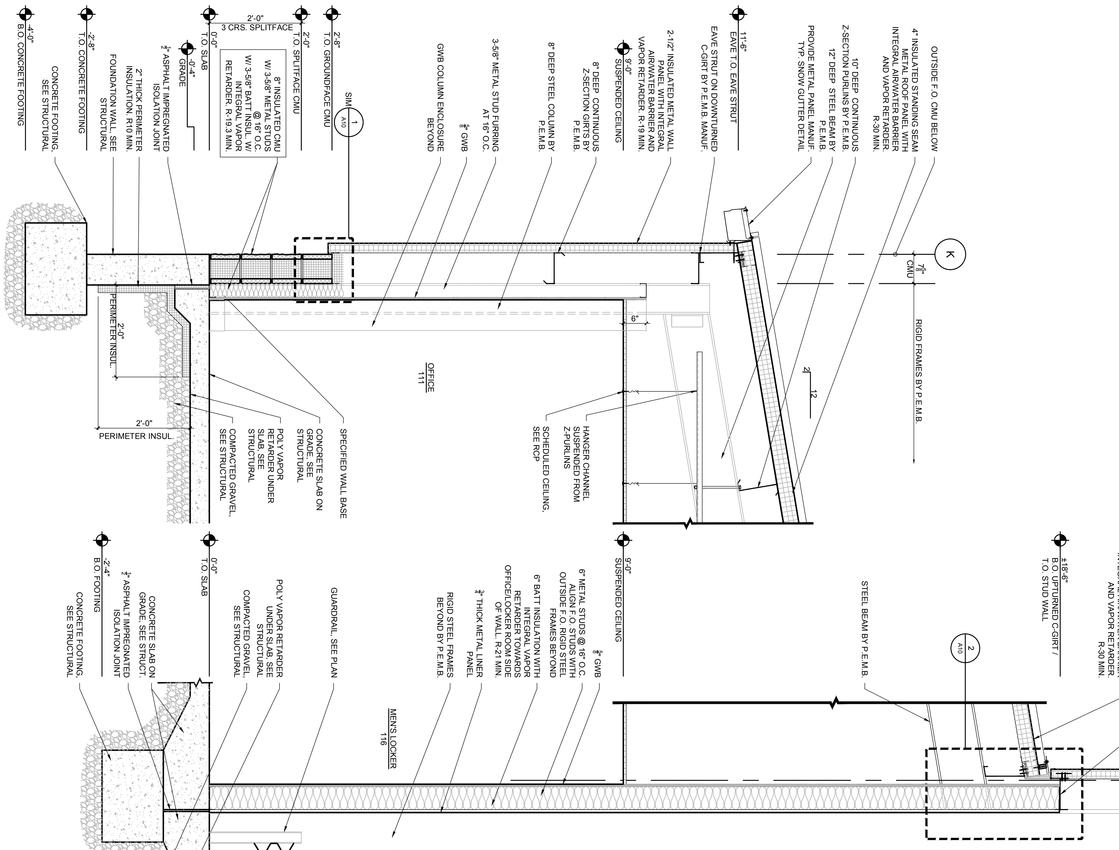


1 WALL SECTION THROUGH OFFICE AT EAVE/ ENTRY SOFFIT
3/4" = 1'-0"



2 WALL SECTION THROUGH OFFICE AT EAVE
3/4" = 1'-0"

3 WALL SECTION THROUGH OFFICE/GARAGE COMMON WALL
3/4" = 1'-0"

4 WALL SECTION THROUGH GARAGE AT EAVE
3/4" = 1'-0"

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Project No. 0300.16001
Sheet No. A-6 of

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
WALL SECTIONS

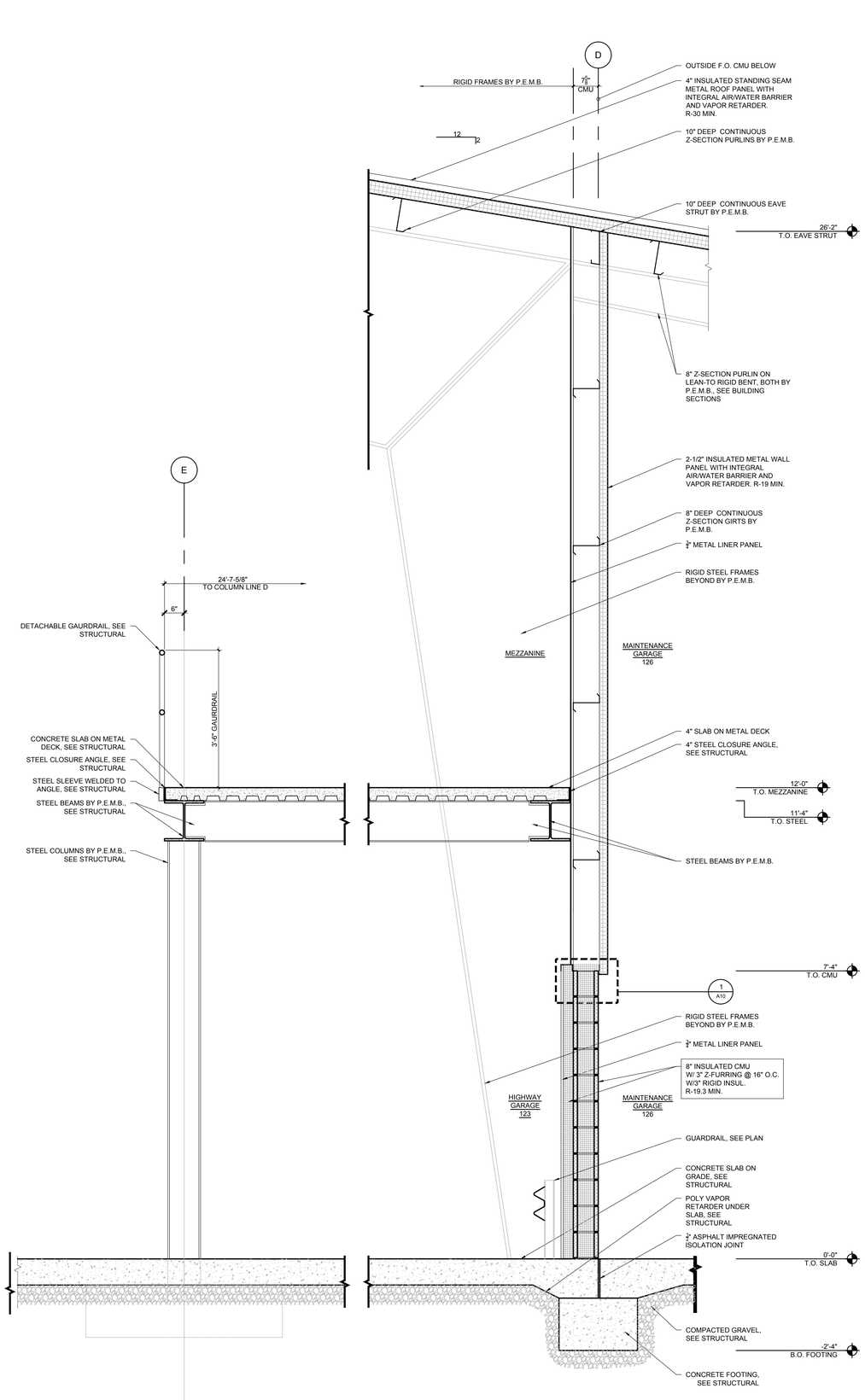
Drawn By: JC
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MNJPC	4/17/17

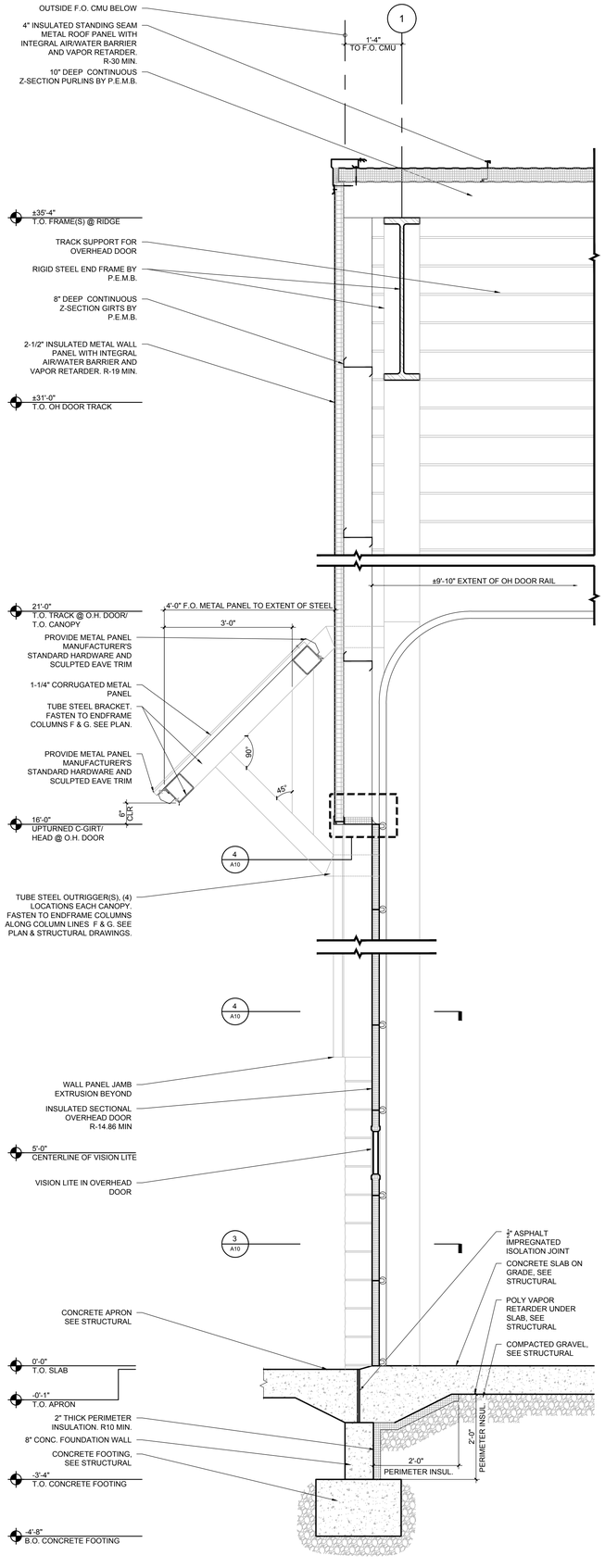
DRAWING ALTERATION

THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING.

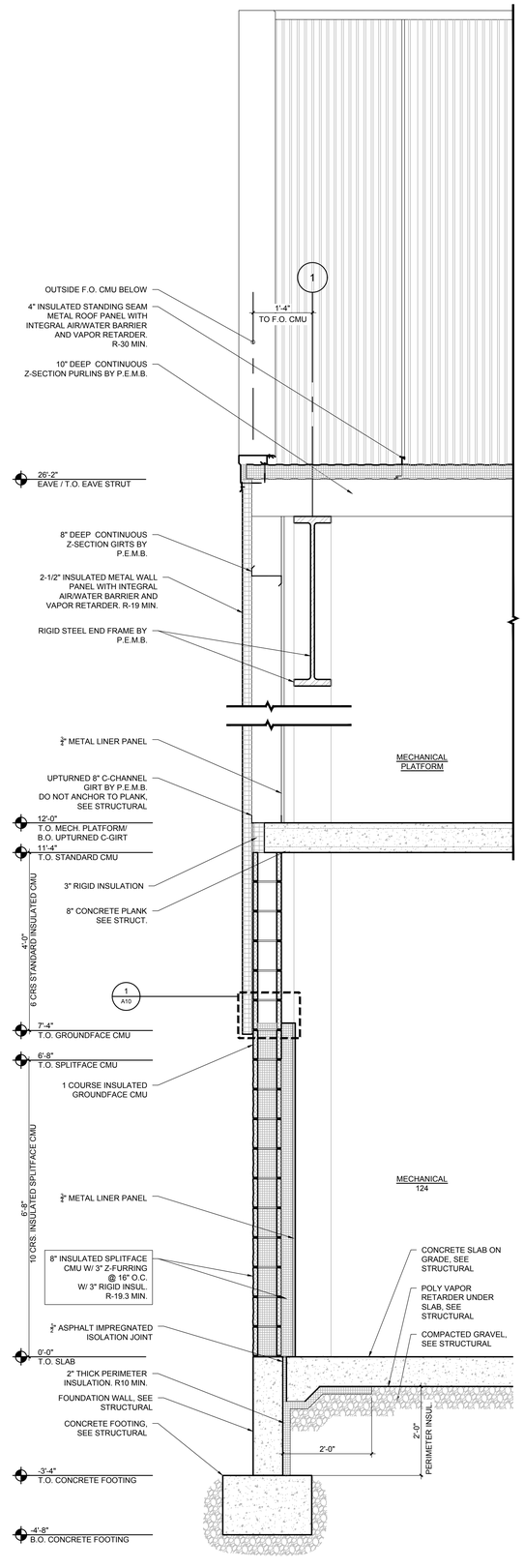
"IT IS A VIOLATION OF THIS LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION."



1 WALL SECTION THROUGH GARAGE/MAINTENANCE COMMON WALL
3/4" = 1'-0"



2 WALL SECTION THROUGH GABLE END / O.H. DOOR & CANOPY
3/4" = 1'-0"



3 WALL SECTION THROUGH GABLE END / MECHANICAL PLATFORM
3/4" = 1'-0"

DRAWING ALTERATION
ANY ALTERATION TO THIS DRAWING FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 IS PROHIBITED.
"I" IS A VIOLATION OF THIS LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT OR ENGINEER IS ALTERED, THE ALTERING ENGINEER OR ARCHITECT SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MAJ/PC	4/21/17

Drawn By: JC
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
WALL SECTIONS

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of
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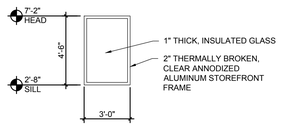
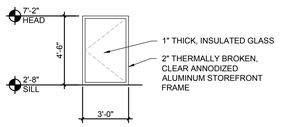
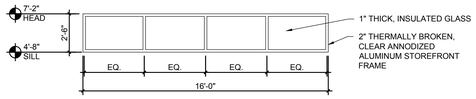


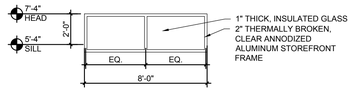
W1 Window Type 'W1' - EXTERIOR WINDOW
SCALE: 1/4" = 1' - 0" *NON-OPERABLE WINDOW



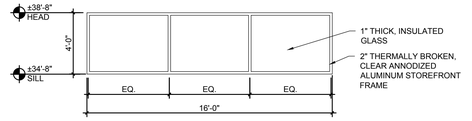
W2 Window Type 'W2' - EXTERIOR WINDOW
SCALE: 1/4" = 1' - 0" *OPERABLE CASEMENT WINDOW



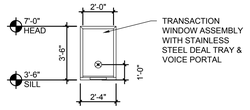
W3 Window Type 'W3' - EXTERIOR WINDOW
SCALE: 1/4" = 1' - 0"



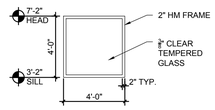
W4 Window Type 'W4' - EXTERIOR WINDOW
SCALE: 1/4" = 1' - 0"



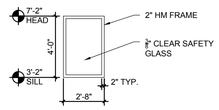
W5 Window Type 'W5' - CLERESTORY WINDOW
SCALE: 1/4" = 1' - 0"



W6 Window Type 'W6' - INTERIOR TRANSACTION WINDOW
SCALE: 1/4" = 1' - 0"



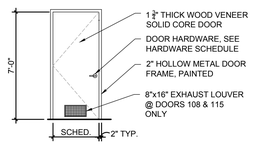
W7 Window Type 'W7' - INTERIOR WINDOW
SCALE: 1/4" = 1' - 0"



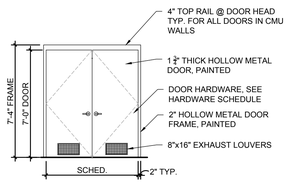
W8 Window Type 'W8' - INTERIOR WINDOW
SCALE: 1/4" = 1' - 0"

WINDOW				FRAME			DETAILS		REMARKS
TYPE	GLAZING	WIDTH	HEIGHT	DEPTH	WIDTH	MATL	HEAD/ JAMB	SILL	
W1	1" INS	3'-0"	4'-6"	4 1/2"	4 1/2"	ALUM	4/A-8	5/A-8	
W2	1" INS	3'-0"	4'-6"			ALUM	4/A-8	5/A-8	OPERABLE CASEMENT
W3	1" INS	16'-0"	2'-6"			ALUM	4/A-8	6/A-8	
W4	1" INS	8'-0"	2'-0"			ALUM	4/A-8	5/A-8	
W5	1" INS	16'-0"	5'-0"			ALUM	4/A-8	6/A-8	
W6	¼" TEMP	2'-4"	3'-6"			ALUM			
W7	¼" TEMP	4'-0"	4'-0"			ALUM			
W8	¼" TEMP	3'-6"	4'-0"			ALUM			

1 WINDOW SCHEDULE & WINDOW TYPE ELEVATIONS
1/4" = 1'-0"



D1 Door Type 'D1' - INTERIOR DOOR
SCALE: 1/4" = 1' - 0"



D2 Door Type 'D2' - INTERIOR DOOR
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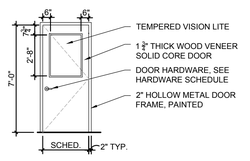

D3 Door Type 'D3' - INTERIOR DOOR
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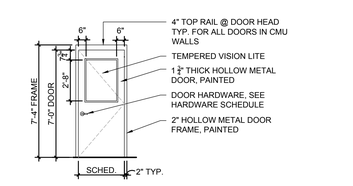

D4 Door Type 'D4' - INTERIOR DOOR
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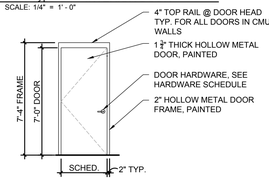
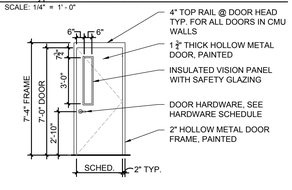
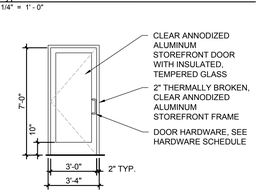


D5 Door Type 'D5' - EXTERIOR DOOR
SCALE: 1/4" = 1' - 0"



D6 Door Type 'D6' - EXTERIOR DOOR
SCALE: 1/4" = 1' - 0"



D7 Door Type 'D7' - INTERIOR/EXTERIOR DOOR
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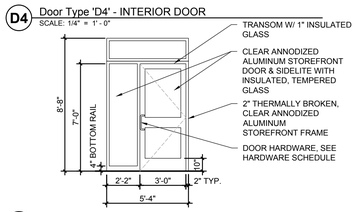
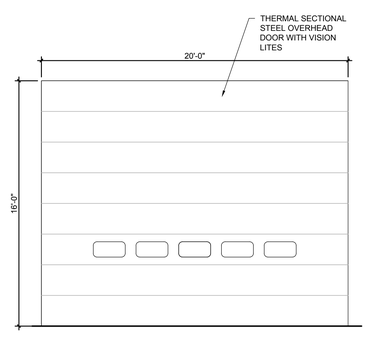
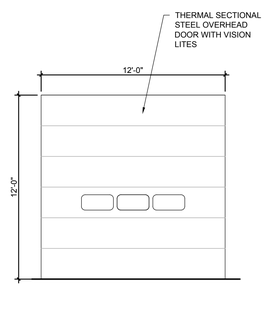


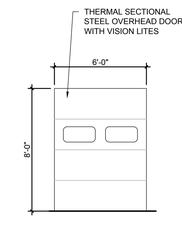
D8 Door Type 'D8' - INTERIOR/EXTERIOR DOOR
SCALE: 1/4" = 1' - 0"



D9 Door Type 'D9' - OVERHEAD DOOR
SCALE: 1/4" = 1' - 0"



D10 Door Type 'D10' - OVERHEAD DOOR
SCALE: 1/4" = 1' - 0"



D11 Door Type 'D11' - OVERHEAD DOOR
SCALE: 1/4" = 1' - 0"

DOOR						FRAME			DETAILS		HDWR.	REMARKS
NO.	TYPE	MATL	GLAZING	WIDTH	HEIGHT	DEPTH	WIDTH	MATL	HEAD/ JAMB	SILL		
100A	D8	ALUM	1" INS	3'-0"	7'-0"		±2"	ALUM	5/A10 7/A8		8	
100B	D8	ALUM	1" INS	3'-0"	7'-0"		±2"	ALUM	5/A10 SIM		7	
103	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		1	
104	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		1	
105	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		2	
106	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		4	
107	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		5	
108	D1	WD	NONE	2'-6"	7'-0"		±2"	HM	9/A9.1		3	EXHAUST LOUVER IN DOOR
110	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		1	
111	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		1	
112	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		3	
113	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		3	
114	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		3	
115	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		4	EXHAUST LOUVER IN DOOR
116	D3	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		12	
117	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		6	
118A	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		6	
118B	D1	WD	NONE	3'-0"	7'-0"		±2"	HM	9/A9.1		6	
119	D4	HM	¼" TEMP	(2)3'-0"	7'-0"		±2"	HM	15/A9.1		11	
122A	D7	ALUM	1" INS	3'-0"	7'-0"		±2"	ALUM	7/A8 SIM		9	
122B	D7	ALUM	1" INS	3'-0"	7'-0"		±2"	ALUM	11/A9.1		7	
123A	D6	HM	1" INS	3'-0"	7'-0"		±2"	HM	8/A8		10	
123B	D6	HM	1" INS	3'-0"	7'-0"		±2"	HM	8/A8		10	
123C	D9	STEEL	½" INS	20'-0"	16'-0"	-	-	-	4/A10		-	
123D	D9	STEEL	½" INS	20'-0"	16'-0"	-	-	-	4/A10		-	
123E	D10	STEEL	½" INS	12'-0"	12'-0"	-	-	-	4/A10		-	
124	D2	HM	NONE	(2)3'-0"	7'-0"		±2"	HM	10/A9.1		3	EXHAUST LOUVER IN EACH DOOR
126A	D6	HM	1" INS	3'-0"	7'-0"		±2"	HM	8/A8		10	
126B	D6	HM	1" INS	3'-0"	7'-0"		±2"	HM	8/A8		10	
126C	D4	HM	¼" TEMP	3'-0"	7'-0"		±2"	HM	8/A8		11	
126D	D9	STEEL	½" INS	20'-0"	16'-0"	-	-	-	4/A10		-	
126E	D9	STEEL	½" INS	20'-0"	16'-0"	-	-	-	4/A10		-	
126F	D10	STEEL	½" INS	12'-0"	12'-0"	-	-	-	4/A10		-	
126G	D10	STEEL	½" INS	12'-0"	12'-0"	-	-	-	4/A10		-	
127	D5	HM	NONE	3'-0"	7'-0"		±2"	HM	10/A9.1		5	
128	D4	HM	¼" TEMP	3'-0"	7'-0"		±2"	HM	10/A9.1		1	
129A	D5	HM	NONE	3'-0"	7'-0"		±2"	HM	10/A9.1		3	
129B	D11	STEEL	NONE	6'-0"	8'-0"	-	-	-	4/A10		-	

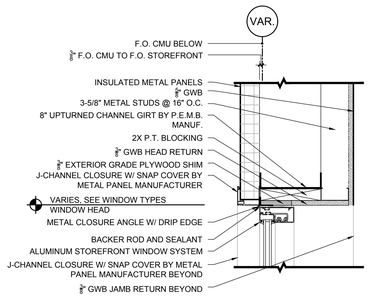
2 DOOR SCHEDULE & DOOR TYPE ELEVATIONS
1/4" = 1'-0"

SET	DESCRIPTION	
SET 1	OFFICE LOCKSET	OFFICE LOCKSET HINGES WALLSTOP WARDROBE HOOK SILENCERS
SET 2	STANDARD LOCKSET	OFFICE LOCKSET HINGES WALLSTOP SILENCERS
SET 3	STORAGE LOCKSET	STORAGE LOCKSET HINGES DUMMY @ DBL DOOR WALLSTOP SILENCERS
SET 4	PASSAGE SET	PASSAGE SET HINGES CLOSER W/ HOLD OPEN WALLSTOP SILENCERS
SET 5	SINGLE OCCUPANT RESTROOM	PRIVACY LOCKSET HINGES CLOSER WALLSTOP WARDBROBE HOOK SILENCERS
SET 6	LOCKER ROOM	PUSH/PULL PLATE HINGES CLOSER WALLSTOP
SET 7	INTERIOR VESTIBLE	PUSH/PULL PLATE HINGES CLOSER FLOORSTOP
SET 8	FRONT OFFICE ENTRANCE	EXIT PANIC DEVICE/PULL HINGES MORTISE CYLINDER CLOSER FLOORSTOP GASKETING THRESHOLD & SWEEP ELECTRIC STRIKE
SET 9	EMPLOYEE OFFICE ENTRANCE	EXIT PANIC DEVICE/PULL HINGES MORTISE CYLINDER CLOSER FLOORSTOP @ 122B GASKETING THRESHOLD & SWEEP ELECTRIC STRIKE
SET 10	EXTERIOR GARAGE ENTRANCE	EXIT PANIC DEVICE/PULL HINGES MORTISE CYLINDER CLOSER GASKETING THRESHOLD & SWEEP ELECTRIC STRIKE
SET 11	INTERIOR GARAGE ENTRANCE	PUSH/PULL PLATE HINGES CLOSER GASKETING THRESHOLD & SWEEP
SET 12	INTERIOR SECURE DOOR	PUSH/PULL PLATE HINGES MORTISE CYLINDER CLOSER THRESHOLD ELECTRIC STRIKE WALLSTOP

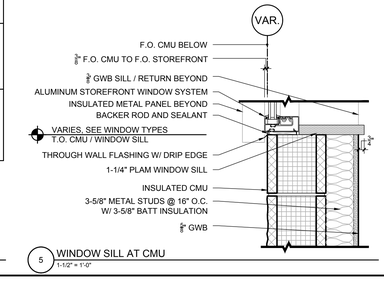
3 HARDWARE SETS
N.T.S.

DOOR & HARDWARE NOTES:

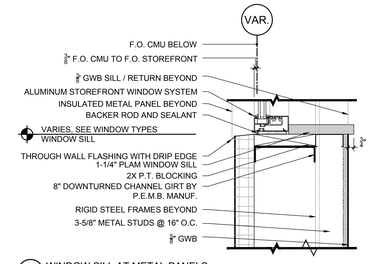
1. FINAL HARDWARE SCHEDULE TO BE REVIEWED AND APPROVED BY OWNER AND OWNER'S SECURITY VENDOR PRIOR TO ORDERING DEVICES.
2. ALL LOCKSETS SUPPLIED FOR INTERIOR & EXTERIOR DOORS SHALL BE KEYED TO MATCH MASTER KEY.
3. HOLLOW METAL DOOR PROVIDER TO PROVIDE CYLINDERS FOR ALL ALUMINUM DOORS.



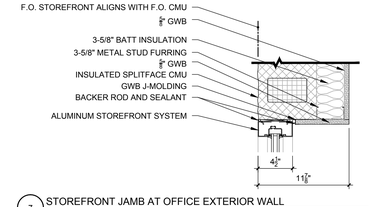
4 WINDOW HEAD/JAMB AT METAL PANELS, TYP
1-1/2" = 1'-0"



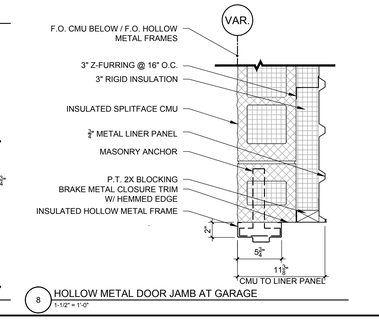
5 WINDOW SILL AT CMU
1-1/2" = 1'-0"



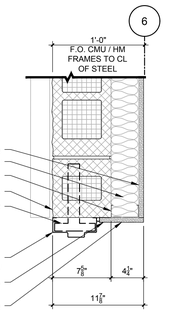
6 WINDOW SILL AT METAL PANELS
1-1/2" = 1'-0"



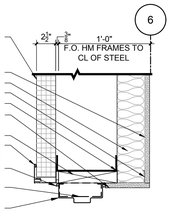
7 STOREFRONT JAMB AT OFFICE EXTERIOR WALL
1-1/2" = 1'-0"



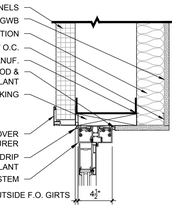
8 HOLLOW METAL DOOR JAMB AT GARAGE
1-1/2" = 1'-0"



9 OFFICE HOLLOW METAL DOOR JAMB AT CMU
1-1/2" = 1'-0"



10 OFFICE HOLLOW METAL DOOR HEAD / JAMB AT METAL PANELS
1-1/2" = 1'-0"



11 STOREFRONT DOOR HEAD/JAMB AT OFFICE METAL PANELS
1-1/2" = 1'-0"

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No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MK/JPC	4/7/17

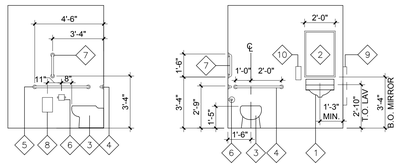
Drawn By: JC/MK
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

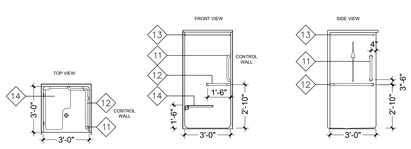
Drawing Title:
DOORS, WINDOWS, & HARDWARE

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585-381-9250
www.mrbgroup.com

Sheet No.
A-8
of
Project No.
0300.16001



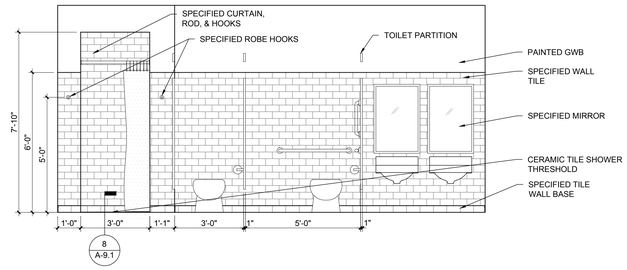
1 TYP. BATHROOM INTERIOR ELEVATION
1/4" = 1'-0"



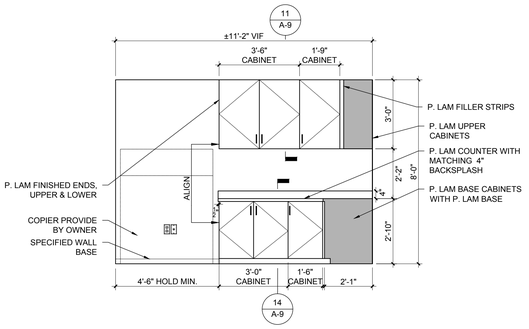
2 TYP. BATHROOM SHOWER ELEVATIONS
1/4" = 1'-0"

TYPICAL BATHROOM INTERIOR ELEVATION KEYNOTES:

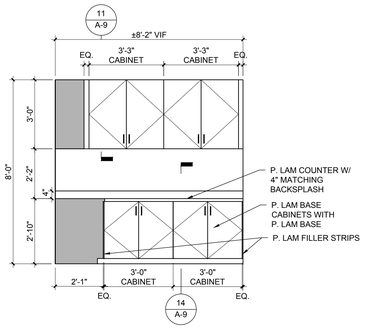
1. ADA COMPLIANT LAVATORY, SEE MEP
2. ADA COMPLIANT MIRROR
3. ADA COMPLAINT TOILET, SEE MEP
4. ADA COMPLAINT 36" GRAB BAR
5. ADA COMPLAINT 42" GRAB BAR
6. ADA COMPLAINT TOILET PAPER DISPENSER
7. ADA COMPLAINT 18" GRAB BAR
8. ADA COMPLAINT NAPKIN DISPOSAL (WOMEN'S RESTROOM ONLY)
9. ADA COMPLAINT PAPER TOWEL DISPENSER/TRASH RECEPTACLE
10. ADA COMPLIANT SOAP DISPENSER
11. ADA COMPLIANT 18" GRAB BAR
12. ADA COMPLAINT 18"x33 1/2" L-GRAB BAR
13. STAINLESS STEEL CURTAIN ROD, HOOKS AND SHOWER CURTAIN
14. ADA COMPLIANT FOLD UP SEAT



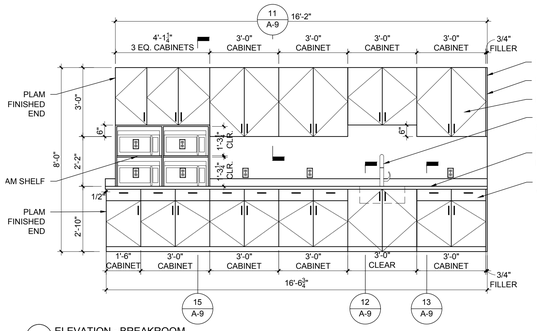
3 ELEVATION - MEN'S LOCKERS (SIM. @ WOMEN'S LOCKERS)
3/8"=1'-0"



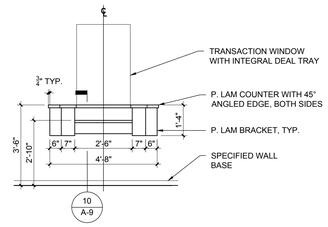
4 ELEVATION - COPY ROOM
3/8"=1'-0"



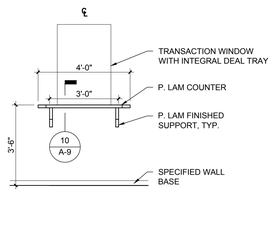
5 ELEVATION - COPY ROOM
3/8"=1'-0"



6 ELEVATION - BREAKROOM
3/8"=1'-0"



7 ELEVATION - LOBBY
3/8"=1'-0"



8 ELEVATION - ACCOUNT CLERK
3/8"=1'-0"

9 PLAN - ACCOUNT CLERK'S COUNTER
1" = 1'-0"

10 SECTION THRU ACCOUNT CLERK'S COUNTER
1" = 1'-0"

11 SECTION THRU UPPER CABINET
1" = 1'-0"

12 SECTION THRU BASE CABINET @ SINK
1" = 1'-0"

13 SECTION THRU BASE CABINET WITH SINGLE DRAWER
1" = 1'-0"

14 SECTION THRU BASE CABINET
1" = 1'-0"

15 SECTION THRU MICROWAVE CABINET
1" = 1'-0"

No.	Revisions and descriptions	By	Date
1	ISSUED FOR BID	MAJ/PC	4/7/17

Drawn By: JC / MK
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO C

Drawing Title:
INTERIOR ELEVATIONS & MILLWORK DETAILS

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
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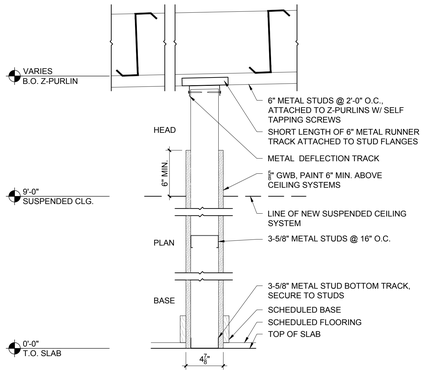
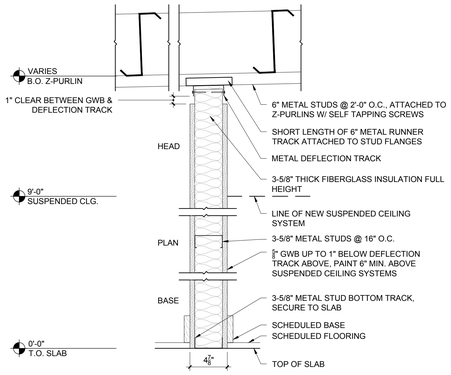
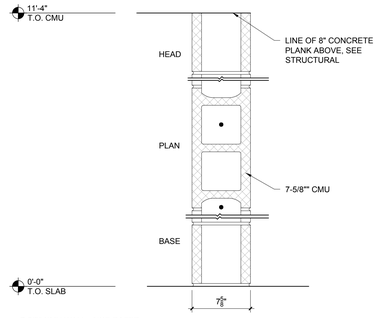
of
Project No.
0300.16001



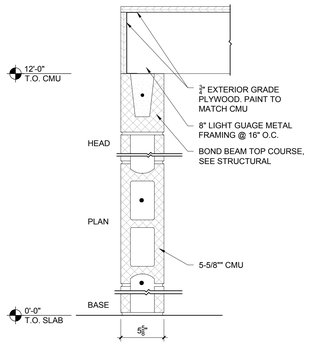
1 3-5/8" METAL STUD WALL - NOT RATED



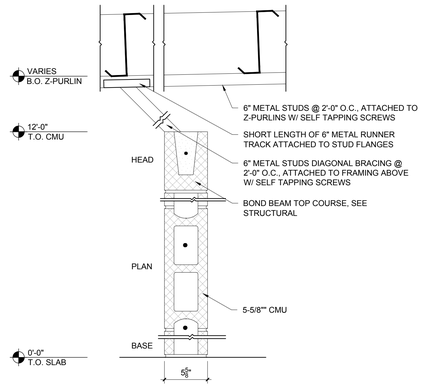
2 3-5/8" METAL STUD WALL - NOT RATED / ACOUSTIC



3 7-5/8" CMU WALL - NOT RATED

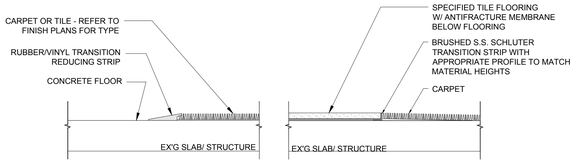


4 5-5/8" CMU WALL - NOT RATED



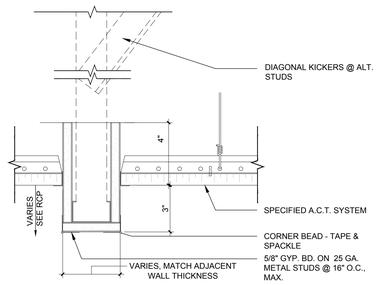
5 5-5/8" CMU WALL - NOT RATED

1 PARTITION TYPES
1-1/2" = 1'-0"

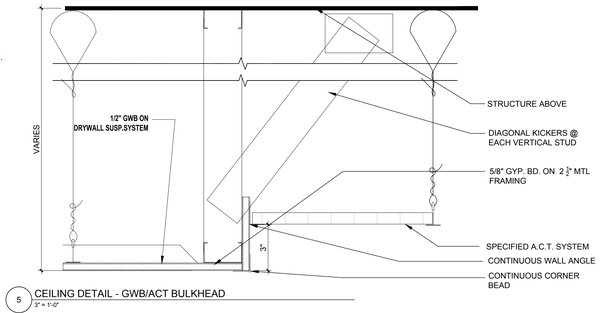


2 FLOOR DETAIL - CONCRETE / CARPET
3" = 1'-0"

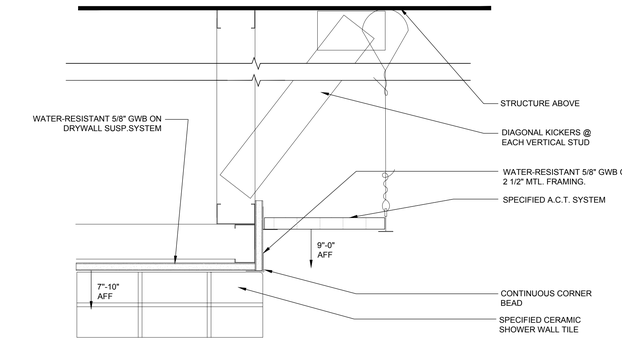
3 FLOOR DETAIL - TILE / CARPET
3" = 1'-0"



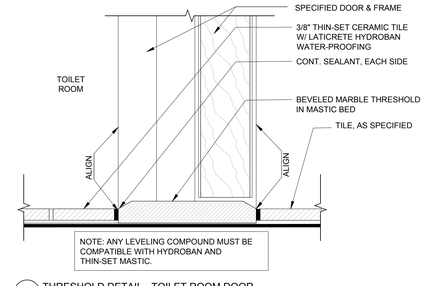
4 CEILING DETAIL - GWB SOFFIT, TYP.
3" = 1'-0"



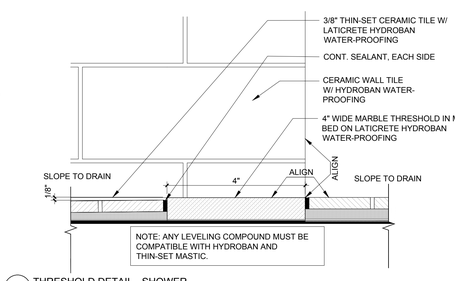
5 CEILING DETAIL - GWB/ACT BULKHEAD
3" = 1'-0"



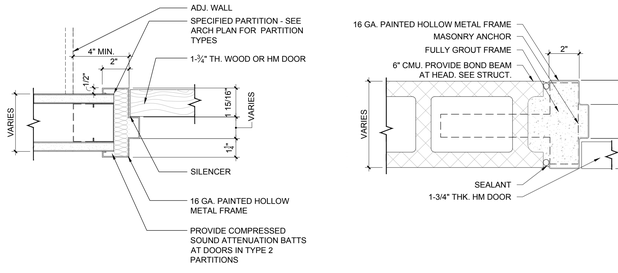
6 CEILING DETAIL - SHOWER BULKHEAD
3" = 1'-0"



7 THRESHOLD DETAIL - TOILET ROOM DOOR
6" = 1'-0"

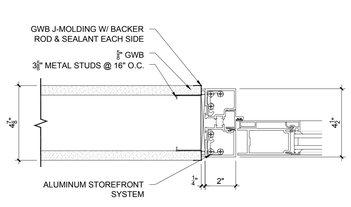


8 THRESHOLD DETAIL - SHOWER
6" = 1'-0"

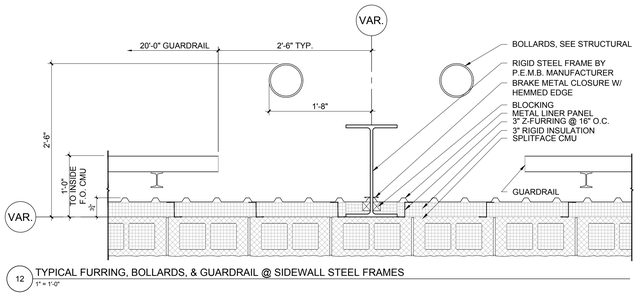


9 TYPICAL DOOR HEAD / JAMB DETAIL AT STUD PARTITION
3" = 1'-0"

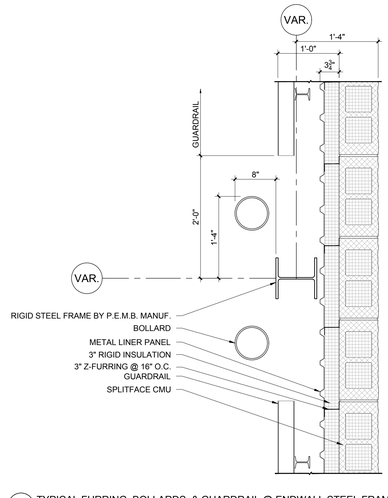
10 TYPICAL DOOR HEAD / JAMB DETAIL AT CMU
3" = 1'-0"



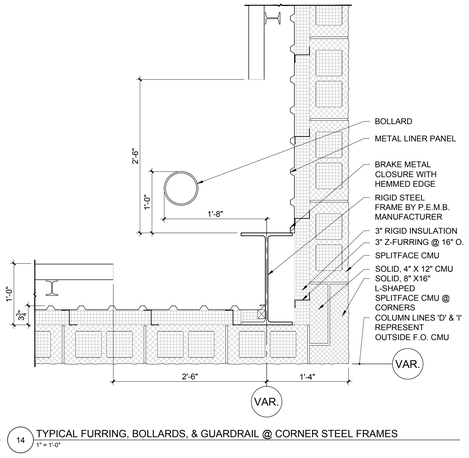
11 TYPICAL STOREFRONT DOOR HEAD / JAMB AT STUD WALL
3" = 1'-0"



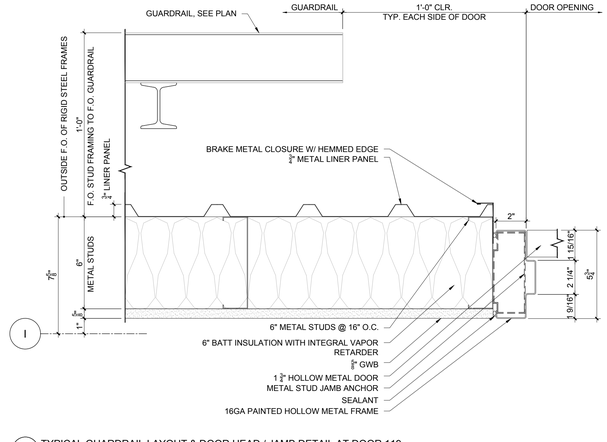
12 TYPICAL FURRING, BOLLARDS, & GUARDRAIL @ SIDEWALL STEEL FRAMES
1" = 1'-0"



13 TYPICAL FURRING, BOLLARDS, & GUARDRAIL @ ENDWALL STEEL FRAMES
1" = 1'-0"



14 TYPICAL FURRING, BOLLARDS, & GUARDRAIL @ CORNER STEEL FRAMES
1" = 1'-0"



15 TYPICAL GUARDRAIL LAYOUT & DOOR HEAD / JAMB DETAIL AT DOOR 119
3" = 1'-0"

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/21/17

Drawn By: MN
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
WALL TYPES & INTERIOR DETAILS

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585-381-9250
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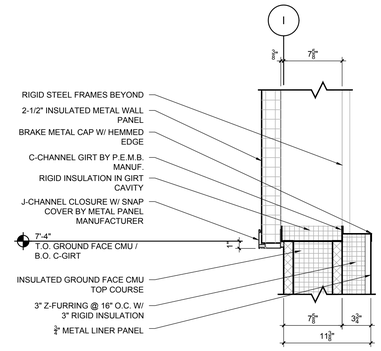
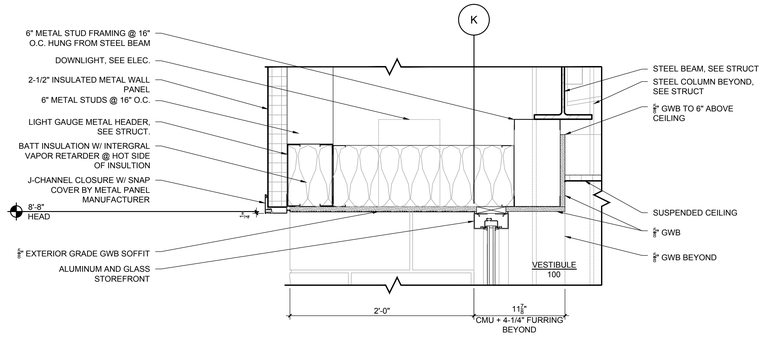
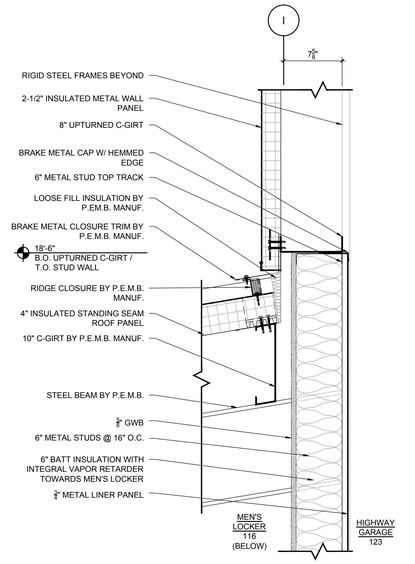


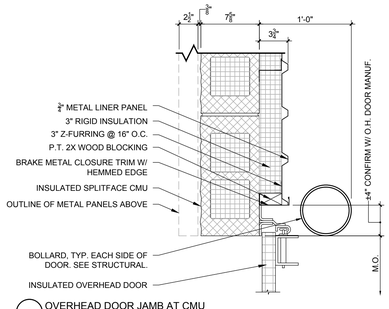
1 SECTION THROUGH WALL PANEL / CMU TRANSISTION
1-1/2" = 1'-0"



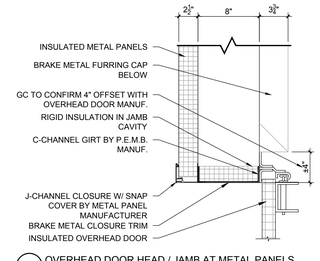
5 SOFFIT AT OFFICE ENTRANCE
1-1/2" = 1'-0"



2 HIGH EAVE / WALL TRANSISTION @ OFFICE / GARAGE INTERSECTION
1-1/2" = 1'-0"



3 OVERHEAD DOOR JAMB AT CMU
1-1/2" = 1'-0"



4 OVERHEAD DOOR HEAD / JAMB AT METAL PANELS
1-1/2" = 1'-0"

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MAJ/PC	4/21/17

Drawn By: JC
Checked By: SB
Scale: AS SHOWN
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
EXTERIOR DETAILS

MRB group
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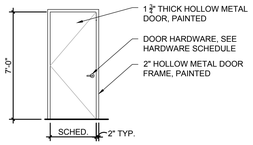
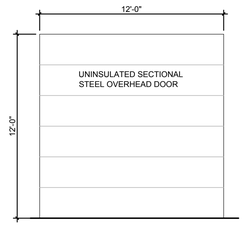
DOOR						FRAME			DETAILS		HDWR.	REMARKS
NO.	TYPE	MATL	GLAZING	WIDTH	HEIGHT	DEPTH	WIDTH	MATL	HEAD/ JAMB	SILL		
200	EXISTING	HM	NONE	3'-0"	7'-0"		±2"	HM			.	REPAINT DOOR AND FRAME TO MATCH DOOR 202.
201	EXISTING	HM	NONE	3'-0"	7'-0"		±2"	HM			.	REPAINT DOOR AND FRAME TO MATCH DOOR 202.
202	D14	HM	NONE	3'-0"	7'-0"		±2"	HM			10	DOOR AND FRAME PAINT COLOR TBD.
203	D12	STEEL	NONE	12'-0"	12'-0"	-	-	-			-	
204	D13	STEEL	2" UNINSUL	14'-0"	12'-0"	-	-	-			-	

SET	DESCRIPTION	
SET 10	EXTERIOR GARAGE ENTRANCE	EXIT PANIC DEVICE/PULL HINGES MORTISE LOCK CLOSER GASKETING THRESHOLD & SWEEP SILENCER

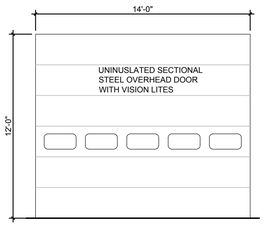
DOOR & HARDWARE NOTES:
1. FINAL HARDWARE SCHEDULE TO BE REVIEWED AND APPROVED BY OWNER AND OWNER'S SECURITY VENDOR PRIOR TO ORDERING DEVICES.
2. ALL LOCKSETS SUPPLIED FOR INTERIOR & EXTERIOR DOORS SHALL BE KEYED TO MATCH MASTER KEY.



D14 Door Type 'D5' - EXTERIOR DOOR
SCALE: 1/4" = 1' - 0"

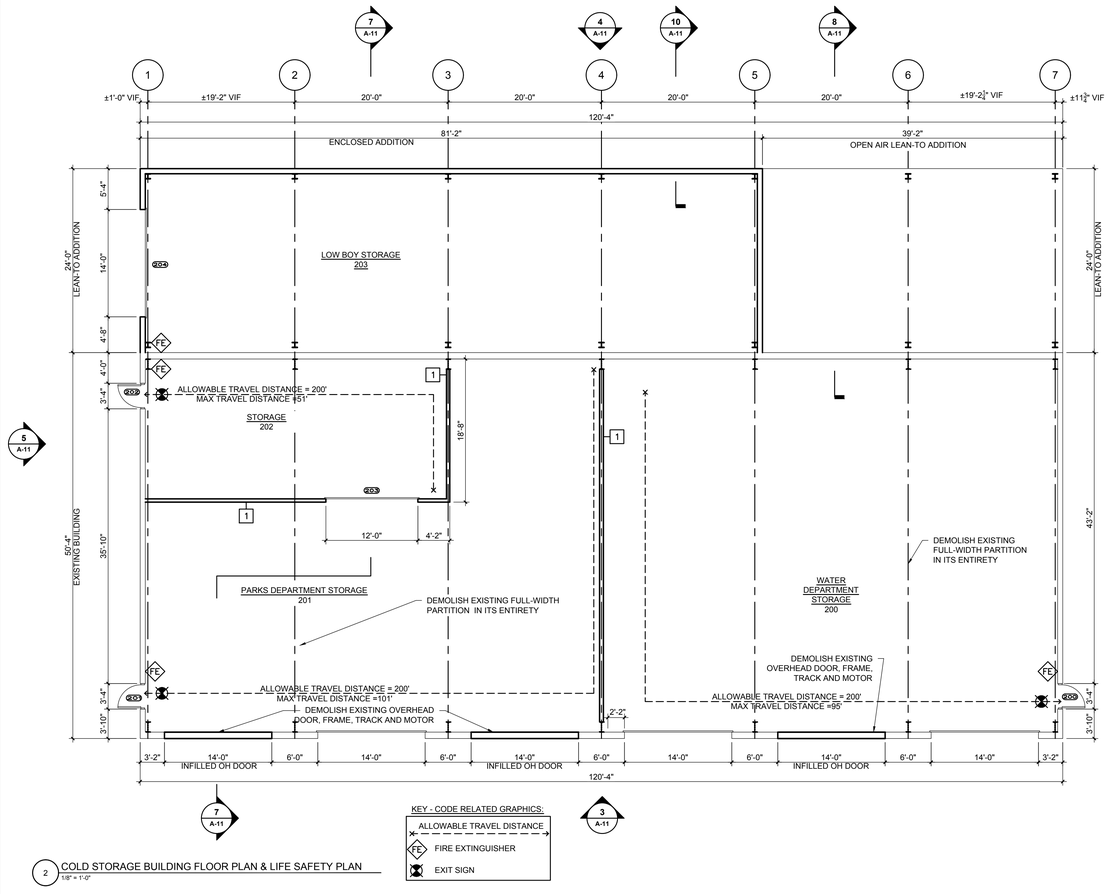


D12 Door Type 'D12' - OVERHEAD DOOR
SCALE: 1/4" = 1' - 0"

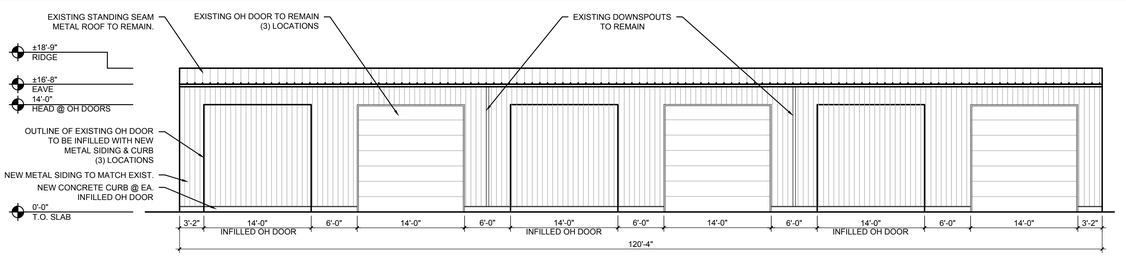


D13 Door Type 'D13' - OVERHEAD DOOR
SCALE: 1/4" = 1' - 0"

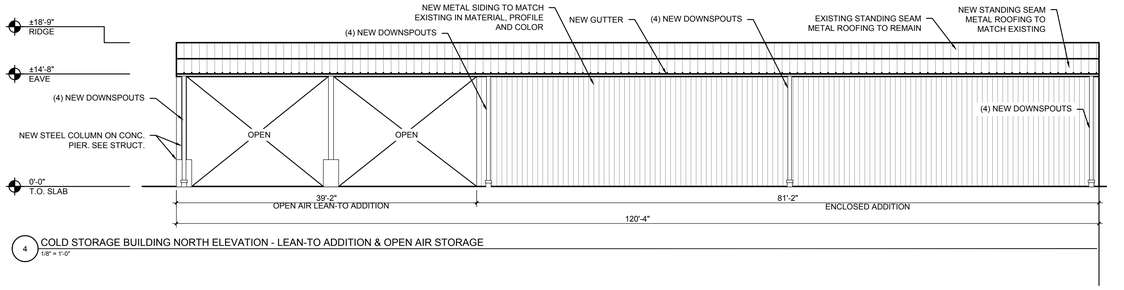
1 DOOR & HARDWARE SCHEDULE, DOOR TYPE ELEVATIONS
1/4" = 1'-0"



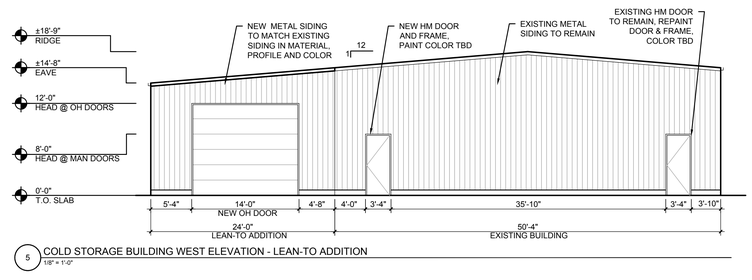
2 COLD STORAGE BUILDING FLOOR PLAN & LIFE SAFETY PLAN
1/8" = 1'-0"



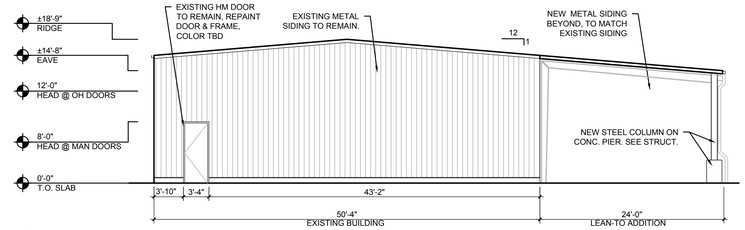
3 COLD STORAGE BUILDING SOUTH ELEVATION
1/8" = 1'-0"



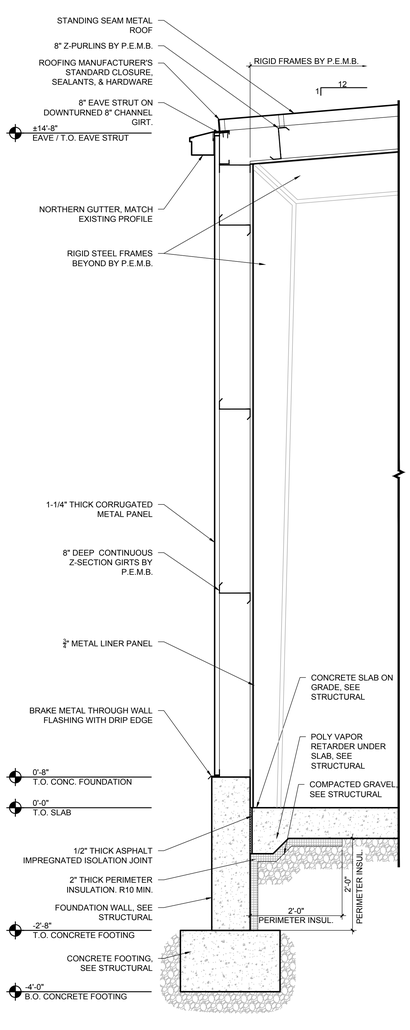
4 COLD STORAGE BUILDING NORTH ELEVATION - LEAN-TO ADDITION & OPEN AIR STORAGE
1/8" = 1'-0"



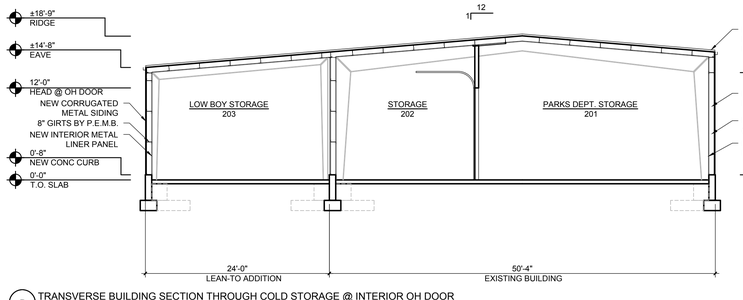
5 COLD STORAGE BUILDING WEST ELEVATION - LEAN-TO ADDITION
1/8" = 1'-0"



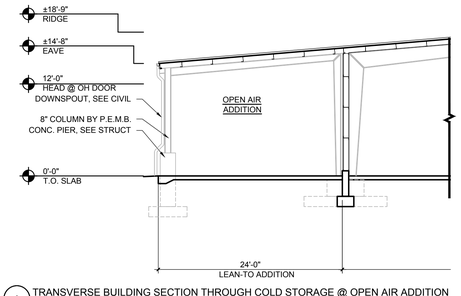
6 COLD STORAGE BUILDING EAST ELEVATION - OPEN AIR STORAGE
1/8" = 1'-0"



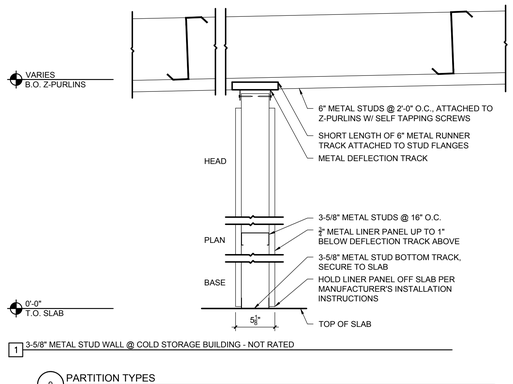
10 WALL SECTION THROUGH COLD STORAGE ADDITION
3/4" = 1'-0"



7 TRANSVERSE BUILDING SECTION THROUGH COLD STORAGE @ INTERIOR OH DOOR
1/8" = 1'-0"



8 TRANSVERSE BUILDING SECTION THROUGH COLD STORAGE @ OPEN AIR ADDITION
1/8" = 1'-0"



9 PARTITION TYPES
1-1/2" = 1'-0"

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MKL/PC	4/7/17

Drawn By: JC / MN
Checked By: SB
Scale: AS NOTED
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
COLD STORAGE PLANS & ELEVATIONS

MRB group
Engineering, Architecture & Surveying, D.P.C.
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BUILDING CODES AND STANDARDS

1. THE FOLLOWING CODES AND STANDARDS, INCLUDING ALL SPECIFICATION REFERENCED WITHIN, SHALL APPLY TO THE DESIGN, CONSTRUCTION, QUALITY CONTROL AND SAFETY OF ALL WORK PERFORMED ON THE PROJECT.

   A. "BUILDING CODE OF NEW YORK STATE", DEPARTMENT OF STATE, NEW YORK.
      I. IN BUILDING DESIGN CATEGORY II

   B. "MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES", (ANSI/ASCE) AMERICAN SOCIETY OF CIVIL ENGINEERS.

2. ADDITIONAL CODES FOR MATERIALS SHALL BE FOUND IN THE APPROPRIATE SECTIONS THAT FOLLOW. SEE THOSE SECTIONS FOR THE APPLICABLE CODES.

3. DESIGN LOADS:

   A. GRAVITY – DEAD LOADS

AREA	PSF
1. TYPICAL ROOF MATERIALS	– AS PER DESIGN
2. MECHANICAL/COLLATERAL ALLOWANCE FOR PEMB	10
3. MEZZANINE SLAB MEP	5 (MECH UNITS ON SLAB TO BE INCL. UNDER LL)

   B. GRAVITY – FLOOR LIVE LOADS

AREA	PSF
1. OFFICE SPACE	40
2. GARAGE/MAINTENANCE, ALL OTHER AREAS	125 LIGHT MANUFACT. / INDUSTRIAL SPACE.
3. MEZZANINES	125 LIGHT STORAGE / WAREHOUSE

   C. GRAVITY – ROOF LIVE LOADS

      1. ROOF LIVE LOAD — 12 PSF + WND – MINIMUM (SNOW LOAD IS USED WHEN GREATER)

      2. ROOF SNOW LOAD (APPLY BALANCED AND UNBALANCED CONDITION PER CODE)

         (a) GROUND SNOW LOAD (Pg) = 40 PSF
         (b) THERMAL FACTOR (Ct) = 1.0
         (c) IMPORTANCE FACTOR (Is) = 1.0 (CATEGORY II)
         (d) ROOF SLOPE FACTOR (Cs) = 0.9 (1:12, UNOBSTRUCTED SLIPPERY SURFACE)

   D. WIND LOAD

BASIC WIND SPEED:	90 MPH
WIND IMPORTANCE FACTOR (Iw)	1.0 (CAT. II)
WIND EXPOSURE	B

   E. LATERAL LOADS: SEISMIC

SEISMIC IMPORTANCE FACTOR (Ie)	1.0 (CAT. II)
Ss	0.18g
S1	0.06g
SITE CLASS	C
SEISMIC DESIGN CATEGORY	A

4. GEOTECHNICAL INFORMATION:

   A. FOUNDATION AND SLAB DESIGN BASED ON INFORMATION AND RECOMMENDATIONS PROVIDED IN THE REPORT "SUBSURFACE EXPLORATION AND GEOTECHNICAL INVESTIGATION FOR PROPOSED HIGHWAY FACILITY, 63 MILL STREET, TOWN OF PHELPS, ONTARIO COUNTY, NEW YORK" DATED JULY 18, 2014 BY ROC GEOTECHNICAL CONSULTING ENGINEERS, PLLC. A COPY OF THIS REPORT IS ON FILE AT MRB GROUP, P.C. FOR REVIEW.

   B. PROJECT SITE CLASS "C", PER THE GEOTECHNICAL REPORT.

   C. DESIGN ALLOWABLE BEARING PRESSURE FOR SOILS = 3,000 PSF.

GENERAL CONSTRUCTION NOTES:

1. COORDINATE WITH ARCHITECTURAL DRAWINGS. ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE WHERE DRAWINGS CONFLICT. FAILURE TO INCORPORATE OR BUILD TO ARCHITECTURAL DETAILS EVEN IF NOT INDICATED ON STRUCTURAL DRAWINGS DOES NOT OBVIATE CONTRACTORS RESPONSIBILITY.

2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, AND ELEVATIONS OF EXISTING STRUCTURES, PIPING, ETC. AS SHOWN ON THE DRAWINGS. IMMEDIATELY REPORT TO THE OWNER OR ENGINEER/ARCHITECT ANY AND ALL DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS.

3. EXISTING STRUCTURES, EQUIPMENT, AND PIPING ADJACENT TO PROPOSED CONSTRUCTION OR IMPROVEMENTS SHALL BE ADEQUATELY SUPPORTED AND PROTECTED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY NEW OR EXISTING STRUCTURES, PIPING, EQUIPMENT, ETC. THAT IS DAMAGED DURING CONSTRUCTION.

4. CONTRACTORS SHALL NOT DISTURB ANY AREAS BEYOND THOSE SHOWN ON THE DRAWINGS AND SHALL LIMIT THE EXTENT OF DISTURBANCE FOR EACH AREA OF CONSTRUCTION AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL UTILIZE EVERY EFFORT TO MINIMIZE DISTURBANCE TO THE NORMAL DAILY OPERATIONS OF THE PLANT.

5. DIMENSIONS AND SIZES OF MANUFACTURED EQUIPMENT (I.E. PUMPS, FILTERS, PROCESS EQUIPMENT, ETC.) SHOWN ON DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION, FABRICATION, OR INSTALLATION. DISCREPANCIES BETWEEN TRUE DIMENSIONS AND THOSE SHOWN ON THE DRAWINGS SHALL BE IDENTIFIED IMMEDIATELY BY THE CONTRACTOR FOR REVIEW BY THE ENGINEER.

6. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ALL PIPING, STRUCTURES, MOUNTING HARDWARE, ETC. IN ALL AREAS WHERE WORK IS TO BE PERFORMED. ALL AREAS SHALL BE CLEANED PRIOR TO COMMENCING WORK FOR INSPECTION BY THE ENGINEER OR OWNER. CONTRACTOR SHALL CLEAN ALL AREAS AFFECTED BY WORK UPON COMPLETION OF WORK.

7. GC SHALL PROVIDE SURVEY STAKEOUT FOR THE PROPOSED IMPROVEMENTS.

8. GC SHALL PROVIDE PUMPS, WELL POINTS OR OTHER METHODS OF DEWATERING EXCAVATIONS SO FIRM BEDDING AND FOUNDATION CONDITIONS CAN BE MAINTAINED.

9. GC SHALL BE RESPONSIBLE FOR ANY TESTING SERVICES.

10. UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. THE GC SHALL BEAR THE RESPONSIBILITY OF VERIFYING UTILITY LOCATION, SIZES AND INSURE THAT UTILITIES IN AREAS OF CONSTRUCTION ARE NOT DAMAGED.

11. GC SHALL PERFORM THE WORK IN SUCH A MANNER THAT THE SAFETY OF THE WORKERS IS REASONABLY ASSURED. THIS SHALL INCLUDE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

12. GC SHALL COMPLY WITH ALL CONTRACTUAL REQUIREMENTS; BE RESPONSIBLE FOR CONTROL OF CONSTRUCTION LOCATIONS, ELEVATIONS, DIMENSIONS, AND QUANTITIES.

13. GC IS RESPONSIBLE FOR, THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, AND FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK; GC WILL BE RESPONSIBLE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

14. RECORD DRAWINGS OF THE SITE AND EXISTING BUILDINGS ARE AVAILABLE FROM THE OWNER.

GEOTECHNICAL NOTES:

1. NO LOOSE, SOFT, WET, FROZEN OR OTHERWISE UNSUITABLE MATERIAL SHOULD BE LEFT IN PLACE BELOW FOUNDATIONS.

2. EXCAVATE ALL FOOTINGS WITH A SMOOTH EDGE BUCKET TO LIMIT DISTURBANCE OF THE BEARING SURFACE.

3. MOISTURE CONDITION STRUCTURAL FILL TO WITHIN TWO PERCENT (2%) OF OPTIMUM MOISTURE FOR COMPACTION. COMPACT STRUCTURAL FILL TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR METHOD, ASTM D-1557. COMPACT OTHER FILL TO AT LEAST 90% OF MODIFIED PROCTOR OR AS OTHERWISE DETERMINED BY THE SITE ENGINEER. PLACE ALL FILL IN LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS.

4. PROVIDE A MINIMUM OF 12 INCHES OF COMPACTED GRANULAR FILL BENEATH ALL FLOOR SLABS.

6. WITHIN THE FLOOR SLAB AREA, SUBGRADES SHALL BE THOROUGHLY PROOF-ROLLED AS PER THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. THE OBJECTIVE OF THIS EFFORT SHALL BE TO IDENTIFY AND/OR COMPACT ANY VOIDS OR LOOSE AREAS IN THE EXISTING FILL MATERIALS.

7. GRANULAR FILL SHALL BE NYSDOT SUBBASE COURSE ITEMS NO. 304.11, 304.12, OR 304.14. (TYPE 1,2, OR 4).

8. REFER TO THE PROJECT GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION AND RECOMMENDATIONS.

FOUNDATION AND FLOOR SLAB NOTES:

1. CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST AMERICAN CONCRETE INSTITUTE BUILDING CODE (ACI-318).

2. CONSTRUCTION OF FOUNDATIONS SHALL COMPLY WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT (SEE DESIGN LOADS). A COPY OF THIS REPORT MAY BE OBTAINED FROM MRB GROUP, P.C.

3. ALL EXCAVATION, CONSTRUCTION, AND BACK FILL FOR CONCRETE FOOTINGS, FOUNDATIONS AND WALLS SHALL BE PERFORMED UNDER DRY CONDITIONS. CONTRACTOR TO PERFORM SHORING AND DEWATERING AS REQUIRED.

4. DEPRESSED AND/OR SLOPING SLABS TO MAINTAIN FULL THICKNESS.

5. PROVIDE #5 X 4'-0" REBARS IN CONCRETE SLABS OR WALLS ACROSS ALL REENTRANT CORNERS OF RECTANGULAR OPENINGS, AND AROUND THE PERIMETER OF ROUND OPENINGS.

6. CONTRACTOR TO VERIFY THE LOCATION OF ALL FLOOR DEPRESSIONS, SLEEVES, AND FLOOR DRAINS WITH DRAWINGS PRIOR TO POURING FLOOR SLAB. VERIFY WITH E.C. THAT ALL ELECTRICAL CONDUITS ARE IN PLACE PRIOR TO POURING FLOOR SLABS.

7. CONCRETE COVER FOR REINFORCEMENT, UNLESS OTHERWISE NOTED:

   CONCRETE CAST AGAINST EARTH.....3"
   CONCRETE EXPOSED TO WEATHER OR EARTH OR FLUID....2"
   CONCRETE SLAB TOP COVER.....1-1/2"

8. BOTTOM OF ALL FOOTINGS SHALL BE A MINIMUM OF 4'-0" BELOW GRADE, EXCEPT WHERE FIELD CONDITIONS REQUIRE AN ADJUSTMENT.

9. ALL FOOTINGS AND BASE SLABS SHALL BE PLACED ON CLEAN, DRY, LEVEL, UNDISTURBED SOIL. DO NOT PLACE FOUNDATIONS ON ANY FILL MATERIAL UNLESS SPECIFICALLY NOTED.

10. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60. MINIMUM LAP LENGTH SHALL BE #4 BAR-16", #5 BAR-24", #6 BAR-36" UNLESS OTHERWISE NOTED.

11. ALL SLABS-ON-GRADE SHALL BE PLACED OVER A MINIMUM OF 12" COMPACTED NO. 1/2 CRUSHED STONE, UNLESS OTHERWISE NOTED. COMPACTION SHALL BE 95% OF MAX. DRY DENSITY IN ACCORDANCE WITH MODIFIED PROCTOR TEST.

12. LAP ALL REINFORCEMENT AT FOOTING/FOUNDATION WALL CORNERS WITH #5 BENT CORNER BARS WITH 2'x2' LEGS.

13. G.C. COORDINATE WITH OTHER CONTRACTORS FOR LOCATION, SIZE, TYPE AND INVERT OF PENETRATIONS AND SLEEVES. SLEEVES FURNISHED BY OTHER CONTRACTORS SHALL BE INSTALLED BY G.C. SEE DRAWINGS FOR PENETRATION DETAILS.

14. ALL CONSTRUCTION JOINTS ADDED FOR CONSTRUCTABILITY SHALL BE VERIFIED WITH THE STRUCTURAL ENGINEER IF NOT SPECIFICALLY SHOWN ON THE DRAWINGS.

15. ALL FOOTINGS SHALL BE PLACED ON CLEAN, DRY, LEVEL, UNDISTURBED SOIL OR APPROVED FILL. REFERENCE SOILS REPORT FOR FOOTING UNDERCUT LOCATIONS, DEPTHS AND BACKFILL REQUIREMENTS.

16. ALL EXCAVATION, CONSTRUCTION AND BACKFILL FOR CONCRETE WORK SHALL BE PERFORMED UNDER DRY CONDITIONS. GC TO PROVIDE DEWATERING AS REQUIRED.

17. PROVIDE BENT CORNER BARS WITH 2 FOOT LONG LEGS AT ALL CORNERS OF CONCRETE WALLS AND FOOTINGS. SIZE AND SPACING OF BARS SHALL MATCH HORIZONTAL REINFORCEMENT. PROVIDE ADDITIONAL REINFORCEMENT BARS AT ALL REENTRANT CORNERS, ROUND AND SQUARE OPENINGS USING #4 BARS.

18. ADEQUATELY BRACE ALL FOUNDATION WALLS PRIOR TO BACKFILLING OR BALANCE BACKFILL ON EACH SIDE OF WALL. CONCRETE SHALL REACH 3000 PSI MINIMUM PRIOR TO BACKFILLING.

19. AVOID DISTURBING EXISTING FOUNDATIONS WHEN EXCAVATING ADJACENT TO EXISTING STRUCTURE.

20. ALL CONCRETE FOR CAISSONS SHALL BE PLACED IN THE DRY, OR BY A SUITABLE TREMIE METHOD.

21. DESIGN MIXES TO PROVIDE NORMAL WEIGHT CONCRETE WITH THE FOLLOWING PROPERTIES:

ELEMENT	28 DAY STRENGTH	AIR CONTENT	COURSE AGGREGATE	MAX. SLUMP	NOTES
FOOTINGS	4,000 PSI	4% – 6%	ATSM #56	3"	
FOUNDATION WALLS & PIERS	4,000 PSI	4% – 6%	ATSM #56	4"	
INTER. SLAB ON GRADE	4,000 PSI	1% – 3%	ATSM #56	3"	A, B, C, D, E, F
EXTERIOR SLABS	4,000 PSI	6% – 8%	ATSM #56	3"	A, C, F
FILL CONCRETE	2,000 PSI	4% – 6%	ATSM #67	4"	

NOTES:
A. USE TYPE II CEMENT.

B. A VIBRATORY SCREED SHALL BE USED FOR ALL THESE SLABS. THIS REQUIREMENT MAY BE RELAXED (AS APPROVED BY STRUCTURAL ENGINEER). IF A HRWR IS USED.

C. MIXING WATER FOR THIS CONCRETE SHALL BE LIMITED TO 240 LBS. PER CUBIC YARD. WORKABILITY SHALL BE OBTAINED BY METHODS OTHER THAN THE ADDITION OF WATER.

D. A GRADATION ANALYSIS OF THE COARSE AGGREGATE SHALL BE SUBMITTED WITH THE MIX DESIGN. A MINIMUM OF 5% SHALL BE RETAINED ON A 1" SIEVE.

E. A GRADATION ANALYSIS OF THE COARSE AGGREGATE SHALL BE SUBMITTED WITH THE MIX DESIGN. A MINIMUM OF 5% SHALL BE RETAINED ON A 3/4" SIEVE.

MASONRY NOTES:

1. MASONRY WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI-530).

2. UNLESS OTHERWISE NOTED, ALL MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE 1. ALL UNITS SHALL BE TWO CORE, NORMAL WEIGHT BLOCK, F'M=1900 PSI.

3. ALL MORTAR SHALL CONFORM TO ASTM C270, TYPE S, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI @ 28 DAYS.

4. GROUT FOR FILLING BLOCK CORES SHALL CONFORM TO ASTM C476, WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS. GROUT SHALL BE PLACED IN LIFTS NOT EXCEEDING 4 FEET IN HEIGHT, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

5. UNLESS OTHERWISE NOTED, ALL MASONRY SHALL BE REINFORCED WITH A 9 GAUGE HORIZONTAL LADDER TYPE WIRE REINFORCING AT 16" O.C. HORIZONTAL REINFORCING SHALL BE GALVANIZED AS REQUIRED BY ACI 530. PROVIDE ADDITIONAL REINFORCING WITHIN 8" OF OPENINGS AND DISCONTINUITIES. VERTICAL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. MINIMUM LAP LENGTHS: #4 BAR-24", #5 BAR-30".

6. A MINIMUM OF TWO BLOCKS (16" WIDE x 16" HIGH) SHALL BE FILLED SOLID WITH 3,000 PSI GROUT AT ALL LINTEL AND BEAM BEARING POINTS, UNLESS OTHERWISE NOTED ON PLANS.

7. WHERE INTERIOR MASONRY WALLS MEET OTHER INTERIOR OR EXTERIOR WALLS, PROVIDE A CONTROL JOINT WITH METAL STRAP ANCHORS BETWEEN WALLS.

8. PROVIDE VERTICAL REINFORCEMENT AT CORNERS OF ALL CMU WALLS, WITHIN 16" OF EACH SIDE OF OPENINGS AND WITHIN 8" OF CONTROL JOINTS.

PRE-ENGINEERED METAL BUILDING NOTES:

1. THE PRE-ENGINEERED BUILDING SHALL BE DESIGNED FOR THE APPLICABLE DEAD, LIVE, SNOW, SEISMIC, AND WIND LOADS AS REQUIRED BY THE BUILDING CODE OF NEW YORK AND ASCE 7. REFER TO THE BUILDING DESIGN INFORMATION PROVIDED ON THIS SHEET.

2. BUILDING LATERAL DEFLECTIONS SHALL BE LIMITED TO L/240.

3. ROOF STRUCTURAL MEMBERS SHALL BE DESIGNED FOR SURCHARGE LOAD DUE TO SNOW DRIFTING, UNBALANCED SNOW LOADING, RAIN-ON-SNOW, AND SLIDING SNOW ON LOWER ROOFS AS REQUIRED BY THE BUILDING CODE OF NEW YORK AND ASCE 7.

4. REFER TO THE FRAMING AND OTHER PLANS FOR THE LOCATION OF ALL COLLATERAL LOADS SUCH AS SPRINKLERS, EXHAUST FAN EQUIPMENT, MECHANICAL & ELECTRICAL SYSTEMS, AND CEILINGS.

5. REFER TO THE FOUNDATION AND FRAMING PLANS SHOWING SLAB ON GRADE, SLAB CONTROL JOINTS, TIE RODS/HAIRPINS, DESIRED LOCATIONS OF LATERAL BRACING & PORTAL FRAMES, ETC.

6. PRE-ENGINEERED SHOP DRAWINGS AND REACTION LOADS PRODUCED BY THE SUCCESSFUL BIDDER SHALL BE SUBMITTED FOR REVIEW AND APPROVED PRIOR TO CONSTRUCTION OF ANY FOUNDATIONS.

7. ALL MANUFACTURER DRAWINGS AND DESIGN CALCULATIONS SHALL BEAR THE PROFESSIONAL SEAL AND SIGNATURE OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK.

8. FOUNDATION DESIGN SHALL BE VERIFIED (INCLUDING SIZE AND REINFORCEMENT OF COLUMN PIERS AND FOOTINGS, LOCATIONS OF COLUMNS, TIE RODS/HAIRPINS, AND EMBEDMENT OF ANCHOR BOLTS) AGAINST THE FORCES CALCULATED BY PRE-ENGINEERED MANUFACTURER UPON RECEIPT AND REVIEW OF PRE-ENGINEERED METAL BUILDING FRAME SHOP DRAWINGS AND REACTION LOADS.

9. STRUCTURAL DESIGN OF THE BUILDING FRAMING SYSTEM SHALL ALSO INCLUDE BUT NOT BE LIMITED TO ANCHOR BOLTS, ROOF DIAPHRAGM, OPENING HEADERS, GIRTS, AND WALL OPENINGS OF THE BUILDING. GIRTS SHALL BE SIZED TO FIT WITHIN THE WALL SECTIONS AS SHOWN.

10. PROVIDE PORTAL FRAMES AND/OR CROSS-BRACING TO PROPERLY STABILIZE THE BUILDING AT LOCATIONS SHOWN.

11. USE PRE-ENGINEERED FRAMES AT END WALLS AND ADD WIND COLUMNS AS INDICATED BETWEEN THE COLUMNS OF THE PRE-ENGINEERED FRAME. THE SOUTH ENDWALL SHALL BE DESIGNED TO EASILY ACCOMMODATE FUTURE EXPANSION. (SEE PLAN NOTES).

12. ANY FIELD MODIFICATIONS OF STRUCTURAL MEMBERS SHALL BE APPROVED BY PRE-ENGINEERED BUILDING MANUFACTURER'S ENGINEER (SEE NOTE 6) AND CARRIED OUT UNDER THE SUPERVISION OF ENGINEER OF RECORD OR A REGISTERED STRUCTURAL ENGINEER.

13. TO INSURE THE QUALITY OF STRUCTURAL STEEL WORK, THE PRE-ENGINEERED BUILDING MANUFACTURER SHALL BE AN AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) CERTIFIED STEEL FABRICATOR.

14. REFER TO THE PROJECT SPECIFICATIONS FOR FURTHER INFORMATION ON THE REQUIREMENTS FOR THIS PRE-ENGINEERED BUILDING.

STRUCTURAL STEEL NOTES:

1. STRUCTURAL STEEL SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "SPECIFICATIONS FOR STRUCTURAL STEEL FOR BUILDINGS"

2. MATERIALS

2.a.	ROLLED W SHAPES	ASTM A992, GRADE 50
2.b.	CHANNELS, AND PLATES	ASTM A36
2.c.	STRUCTURAL PIPE (ROUND HSS)	ASTM A500, GRADE C, Fy = 46ksi
2.d.	STRUCTURAL TUBING (SQUARE AND RECTANGULAR HSS)	ASTM A500, GRADE B, Fy = 46ksi
2.e.	HIGH STRENGTH BOLTS	ASTM A325-N (UNLESS NOTED)
2.f.	ANCHOR BOLTS	ASTM F1554 GRADE 36 (UNLESS NOTED)

3. ALL WELDING SHALL BE DESIGNED ACCORDING TO LATEST AWS SPECIFICATIONS FOR E-70 SERIES.

4. ALL STRUCTURAL STEEL SHOP CONNECTIONS SHALL BE WELDED AND ALL FIELD CONNECTIONS SHALL BE HIGH STRENGTH BOLTED, UNLESS OTHERWISE NOTED.

5. ALL BOLTED CONNECTIONS SHALL BE MADE WITH 3/4" DIAMETER HIGH-STRENGTH BOLTS, CONFORMING TO ASTM A325-N.

6. UNLESS OTHERWISE NOTED, ALL CONNECTIONS SHALL BE DESIGNED AS BEARING-TYPE BOLTED CONNECTIONS.

7. ALL STRUCTURAL STEEL SHALL RECEIVE ONE SHOP COAT OF PRIMER (AFTER FABRICATION) PER SPECIFICATIONS.

SPECIAL INSPECTIONS (ATTENTION OWNER AND CONTRACTOR):

1. PURSUANT TO SECTION 1704 OF THE BUILDING CODE OF NEW YORK STATE, WHERE APPLICATION IS MADE FOR CONSTRUCTION AS DESCRIBED IN THAT SECTION, THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED UNDER SECTION 1704. THESE MAY INCLUDE, BUT NOT BE LIMITED TO:

   1.1. SOILS AND FOUNDATIONS
   1.2. CAST-IN-PLACE CONCRETE
   1.3. PRECAST CONCRETE
   1.4. MASONRY
   1.5. STRUCTURAL STEEL
   1.6. COLD-FORMED STEEL FRAMING
   1.7. SPRAY FIRE RESISTANT MATERIAL
   1.8. WOOD CONSTRUCTION
   1.9. EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)
   1.10. MECHANICAL AND ELECTRICAL SYSTEMS
   1.11. ARCHITECTURAL SYSTEMS
   1.12. SPECIAL CASES

2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON AS PER SECTION 1704 OF THE BUILDING CODE OF NEW YORK WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE CODE ENFORCEMENT OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

3. THE OWNER SHALL REFER TO THE SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS AND SPECIFICATIONS INCLUDED IN THE PROJECT CONTRACT DOCUMENTS OR CONTACT MRB GROUP FOR THIS INFORMATION IF NOT PROVIDED.

4. ALL PREFABRICATED ITEMS SHALL BE MANUFACTURED BY APPROVED AND CERTIFIED SHOPS, AND INSPECTED AS REQUIRED PER SECTION 17 OF THE BUILDING CODE OF NEW YORK.

5. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER'S TESTING AND SPECIAL INSPECTION REPRESENTATIVES.

DRAWING ALTERATION
THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING.
"A LICENSED ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY IF SUCH ARCHITECT OR LAND SURVEYOR ACTS PURSUANT TO THE DIRECTION OF ANOTHER LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR IF THE ALTERATION IS A REVISION TO HIS OR HER DRAWING OR SPECIFICATION AND SUCH ENGINEER OR SURVEYOR SIGNIFIES HIS OR HER DISSENT TO SUCH ALTERATION AND/OR SPECIFICALLY DESCRIBES IN THE ALTERATION."

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/7/17

Drawn By: MN
Checked By: SB
Scale: N.T.S.
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
STRUCTURAL NOTES

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585.381.9250
www.mrbgroup.com

Sheet No.
N-1
of

Project No.
0300.16001

FOOTING SCHEDULE

MARK	SIZE (LxWxH)	REINFORCING
1		
2		
3		
4		
5		

NOTES:

1. UNLESS INDICATED OTHERWISE, ALL FOUNDATIONS TO BE CENTERED BELOW PIERS OR COLUMNS ABOVE..

FOOTING MARK (SEE SCHEDULE) — PIER DETAIL (SEE S-3)

1	Z
586.84'	

BOTTOM OF FOOTING ELEV.

TYPICAL FOUNDATION DESIGNATION

PIER SCHEDULE

MARK	SIZE (LxW)	VERTICAL REINF.	HORIZONTAL TIES
A			
B			
C			
D			
E			

* NOTE: PROJECTS ABOVE GROUND LINE. (SEE DETAIL)

NOTES:

1. SEE PIER SECTION FOR ADDITIONAL HORIZONTAL TIE REQUIREMENTS, (3) TIES @ 3" O.C. @ TOP OF PIER.
2. SEE TYPICAL PIER REINFORCING DETAILS FOR REQUIRED REINFORCING AND TIE CONFIGURATION.

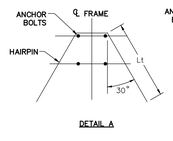
ATTENTION BUILDING OWNER AND CONTRACTOR(S)

1. HAIRPIN RODS AND SLAB ON GRADE ARE DESIGNED AS A TENSION SYSTEM TO RESIST HORIZONTAL THRUST FORCES OF THE BUILDING RIGID FRAMES. SLAB MUST BE IN PLACE BEFORE ERECTION PROCEEDS TO THE POINT WHERE SIGNIFICANT LOADS ARE APPLIED TO THE FRAME, UNLESS TEMPORARY MEANS ARE PROVIDED TO RESIST THRUSTS. FUTURE REMOVAL OF AREAS OF THE SLAB ON GRADE SHALL BE PROHIBITED.
2. TENSION TIES ARE DESIGNED AS A SYSTEM TO RESIST HORIZONTAL THRUST FORCES OF THE BUILDING RIGID FRAMES. THESE TIES MUST BE IN PLACE BEFORE ERECTION PROCEEDS TO THE POINT WHERE SIGNIFICANT LOADS ARE APPLIED TO THE FRAME, UNLESS TEMPORARY MEANS ARE PROVIDED TO RESIST THRUSTS. FUTURE CUTTING, DAMAGE, OR REMOVAL OF THESE TIES SHALL BE PROHIBITED.

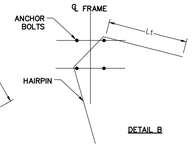
NOTES:

1. THIS PLAN AND FOUNDATION PIER SIZING IS BASED UPON ANTICIPATED MAXIMUM BASE PLATE DIMENSIONS AND LOCATIONS AS SHOWN. BIDDING CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING THESE DIMENSIONS. IF DETERMINED TO BE LARGER OR LOCATED OTHERWISE, THE CONTRACTOR SHALL CONTACT MRB GROUP TO REVIEW IMPLICATIONS TO FOUNDATION PIER AND FOUNDATION SIZING NECESSARY. ADDITIONAL CONCRETE SIZING AND MATERIAL SHALL NOT RESULT IN ADDED COST TO OWNER. REFER TO NOTES ON S-3.
2. P.E.M.B. SHOP DRAWINGS SHALL BE PROVIDED AND APPROVED PRIOR TO INSTALLATION OF FOUNDATION PIERS.
3. PRIOR TO SETTING ANCHOR BOLTS IN PIERS, CONFIRM FINAL COLUMN LOCATIONS, SIZES AND BASEPLATE REQUIREMENTS WITH STRUCTURAL ENGINEER.
4. SEE ARCH DWGS FOR CMU CONTROL JOINT LOCATIONS, AND COORDINATE CONCRETE CONTROL JOINTS IN FOUNDATION WALLS TO MATCH.
5. G.C. SHALL COORDINATE IN-FLOOR LIFT PIT CONCRETE INSTALLATION W/CONDUIT INSTALLATIONS AND DRAIN PIPING BY OTHER TRADES. G.C. SHALL COORDINATE AND HOLD A PIT PRE-CONSTRUCTION MEETING WITH THESE TRADES AND A REPRESENTATIVE OF STERTIL KONI PRIOR TO INSTALLATION OF CONDUITS AND CONCRETE.

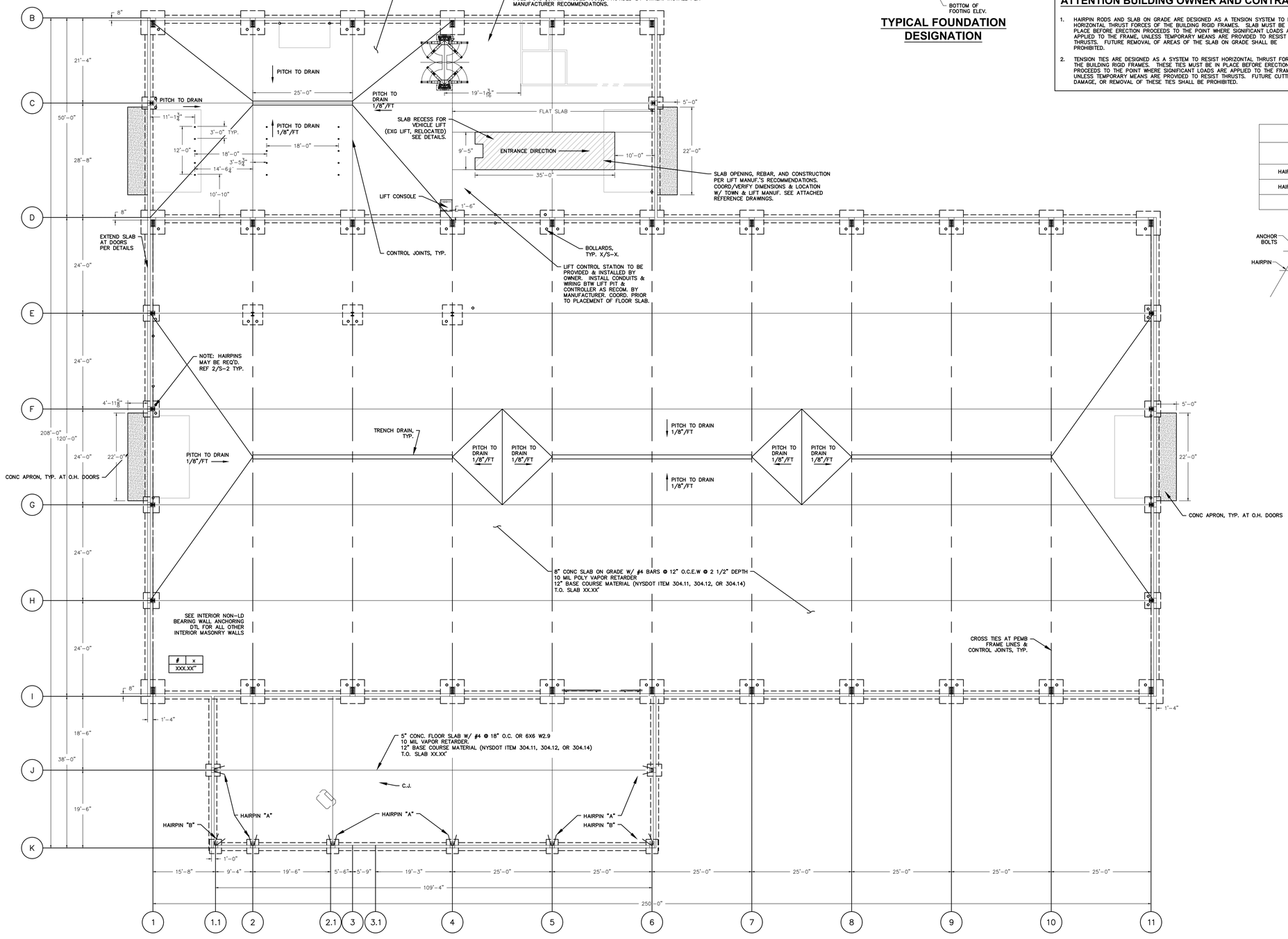
HAIRPIN SCHEDULE			
MARK	HAIRPINS	LENGTH Lt	DETAIL
HAIRPIN "A"	1–#4 BENT BAR	5'–0" MIN.	A
HAIRPIN "B"	1–#8 BENT BAR	10'–0" MIN.	B



DETAIL A



DETAIL B



No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/17/17

Drawn By: MN
Checked By: SB
Scale: 3/23"=1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title: FOUNDATION PLAN

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
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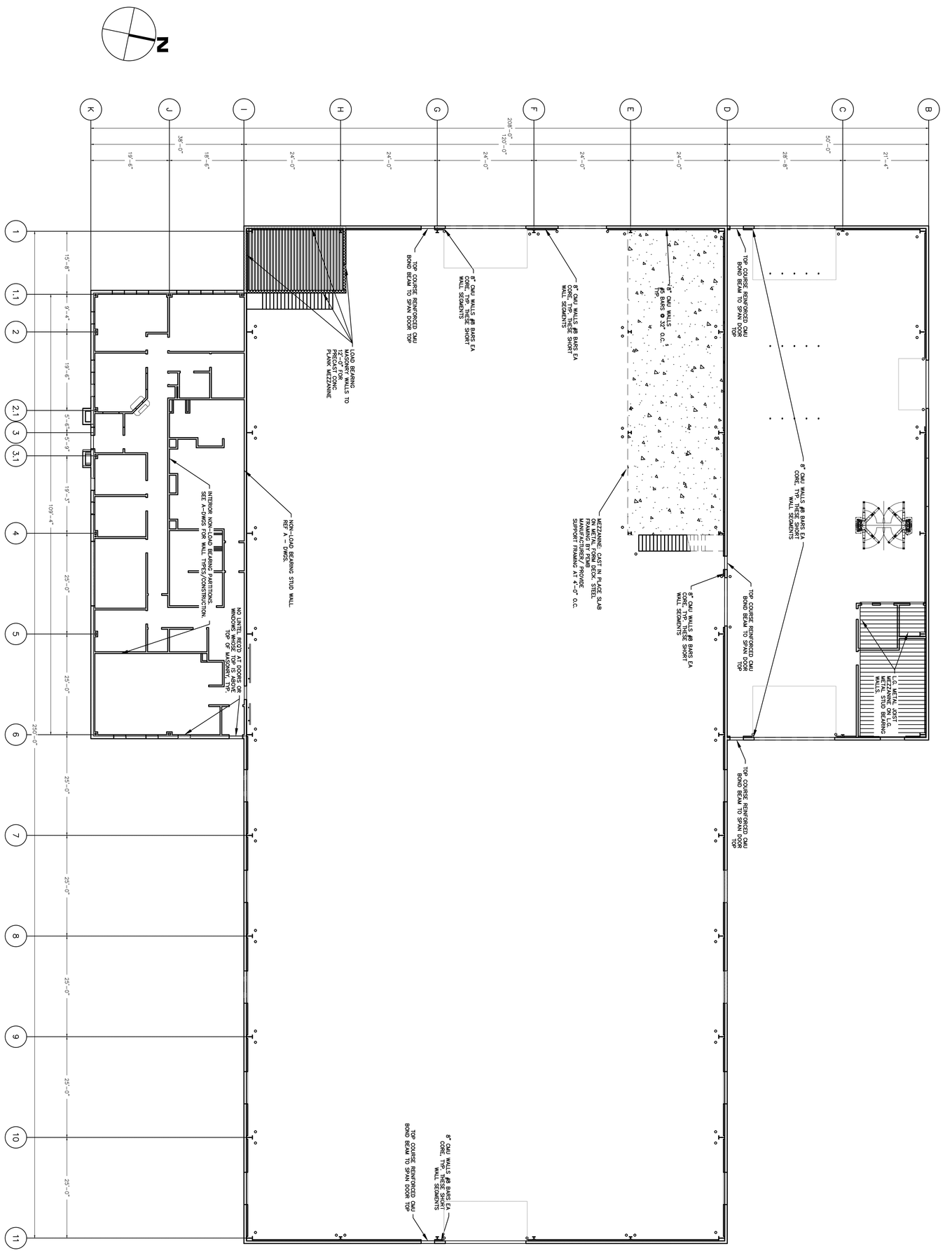
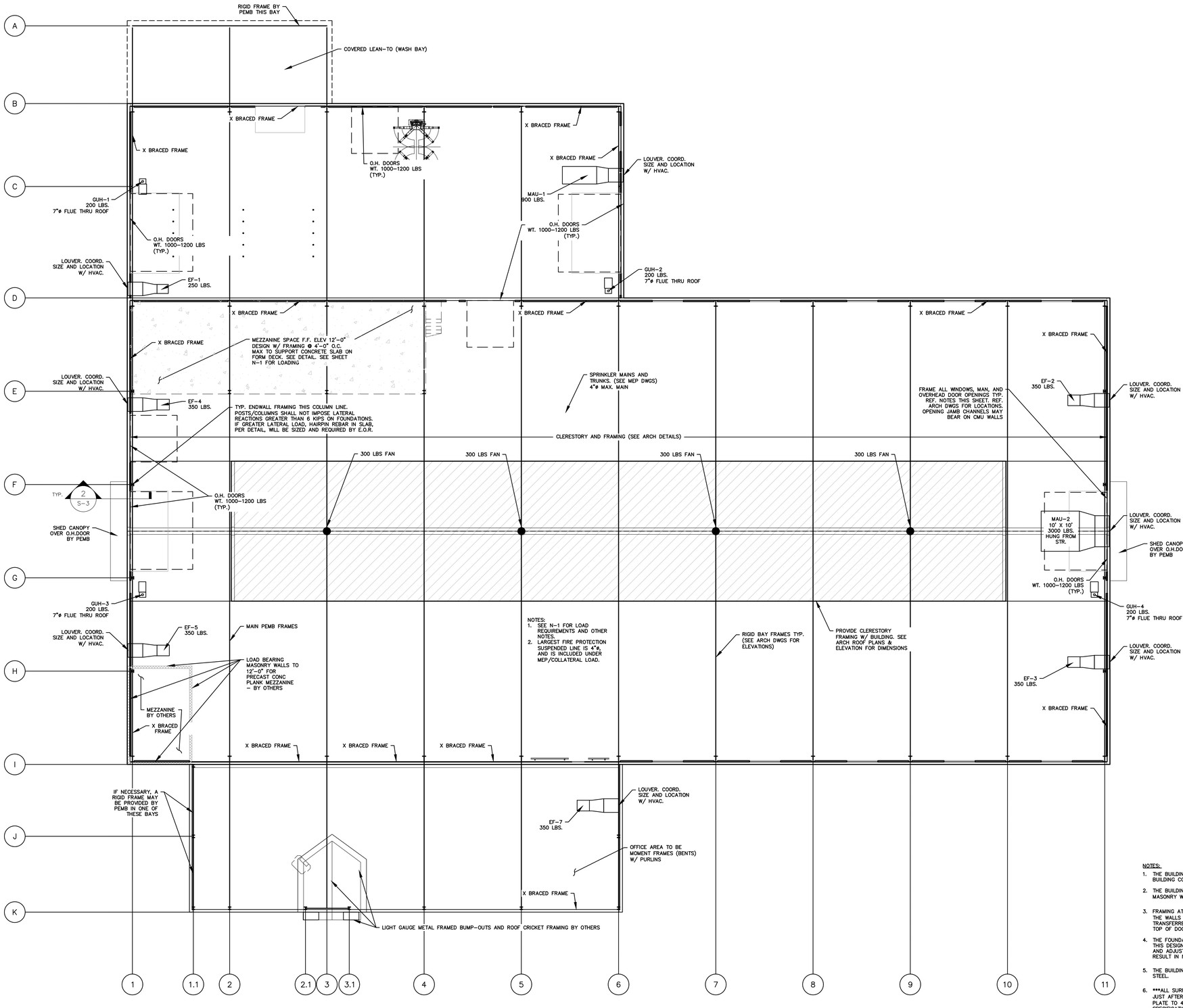
Sheet No. S-1 of

Project No. 0300.16001

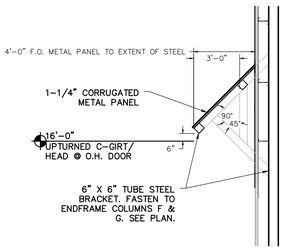


1 PEMB BUILDING PLAN
3/32" = 1'-0"

Project No. 0300.16001	Sheet No. S-2 of ___	**MRB group** Engineering, Architecture & Surveying, D.P.C. The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620 Phone: 585-381-9250 www.mrbgroup.com		Project Title: **CANANDAIGUA HIGHWAY GARAGE 5440 NYS 5 & 20 WEST TOWN OF CANANDAIGUA, ONTARIO Co.** Drawing Title: WALL & MEZZANINE PLAN	Drawn By: MN Checked By: SB Scale: 3/23"=1'-0" Date: APRIL 2017	1 — ISSUED FOR BID — MN/JPC — 4/17/17	DRAWING ALTERATION THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING. "IT IS A VIOLATION OF THIS LAW FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION".
						No. — Revisions and Descriptions — By — Date	



1 PEMB BUILDING PLAN
3/32" = 1'-0"



2 O.H. DOOR SHED CANOPY SECTION
1/4" = 1'-0"

NOTES:

1. THE BUILDING SHALL BE DESIGNED FOR APPLICABLE DEAD, LIVE, WIND, SEISMIC, AND OTHER LOADINGS AS REQUIRED BY THE BUILDING CODE OF NEW YORK. REFER TO NOTES ON SHEET N-1 FOR FURTHER REQUIREMENTS AND INFORMATION.
2. THE BUILDING COLUMNS SHALL BE DESIGNED TO CARRY THE LATERAL LOADS OF WIND AND SEISMIC FORCES FROM THE LOWER MASONRY WALLS. REFER TO THE WALL/GIRT ANCHOR DETAIL. ***BUILDING DEFLECTION SHALL BE LIMITED TO L/240***.
3. FRAMING AT OPENINGS - WHERE OPENINGS REQUIRE POSTS DOWN TO THE CHANNEL GIRT @ THE TOP OF MASONRY WALLS (OR THE WALLS THEMSELVES), GIRTS AND OTHER FRAMING SHALL BE LAID OUT TO REDUCE THE VERTICAL AND LATERAL LOADS TRANSFERRED TO THE MASONRY TO THE GREATEST EXTENT POSSIBLE. BAY TO BAY SPAN GIRTS SHALL BE PROVIDED AT THE TOP OF DOORS, AND TOP AND BOTTOM OF WINDOWS, WITHIN THE PEMB FRAMING AND PANEL FIELD.
4. THE FOUNDATION DESIGN PRESENTED IS BASED ON PRELIMINARY REACTION LOAD CALCULATIONS AND BASE PLATE DIMENSIONS. THIS DESIGN SHALL BE VERIFIED AGAINST FINAL REACTION LOAD INFORMATION FROM THE SELECTED BUILDING MANUFACTURER, AND ADJUSTMENTS MADE IF NECESSARY. ADJUSTMENTS TO CONCRETE AND REBAR VOLUMES MAY BE NECESSARY AND SHALL RESULT IN NO ADDITIONAL COST TO OWNER.
5. THE BUILDING MANUFACTURER SHALL BE RESPONSIBLE FOR THE INTEGRAL DESIGN OF ALL BUILDING FRAMES AND STRUCTURAL STEEL.
6. ***ALL SURFACES OF EXPOSED STEEL SHALL BE FINISH PAINTED (REGARDLESS OF SIDE OR SIDES EXPOSED) PRIOR TO OR JUST AFTER ERECTION (PRIOR TO INSTALLATION OF ROOFING, DECKING AND SIDING/INTERIOR WALL PANELS. STEEL FROM BASE PLATE TO 4'-0" AFF, AND ALL STAIR STEEL, SHALL RECEIVE HEAVY DUTY CORROSION RESISTANT PAINT FINISH. SEE PROJECT SPECIFICATIONS.***
7. "X-BRACE" OR "RIGID FRAME"; INDICATES AVAILABLE BAYS FOR DESIGN OF X-BRACING OR RIGID FRAMES TO CARRY LATERAL LOADS. NOT ALL SUCH BAYS NEED TO BE UTILIZED.

DRAWING ALTERATION
THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING.
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER, IN ANY WAY, AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR. IF AN ITEM BEARING SUCH SEAL IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND THE SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/17/17

Drawn By: MN
Checked By: JPC
Scale: 3/23"=1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title:
PEMB PLAN

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
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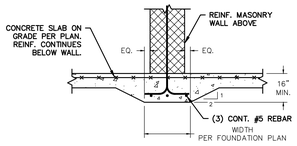
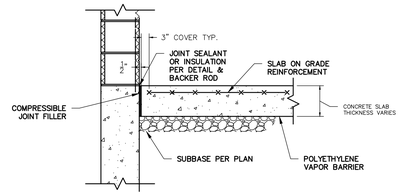
Sheet No.
S-3
of
Project No.
0300.16001



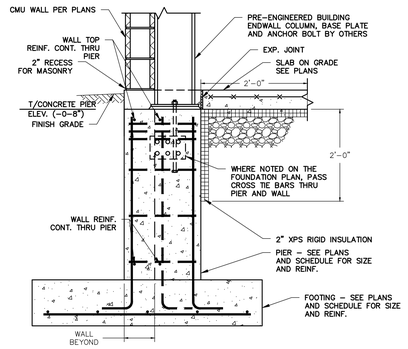
HAUNCHED SLAB DETAIL 1

Scale: 3/4" = 1'-0" | Reference(s): -



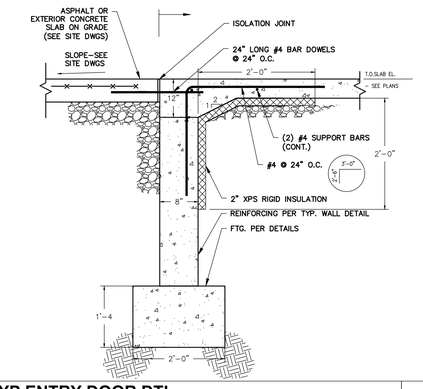
SLAB EDGE DETAIL 2

Scale: N.T.S. | Reference(s): -



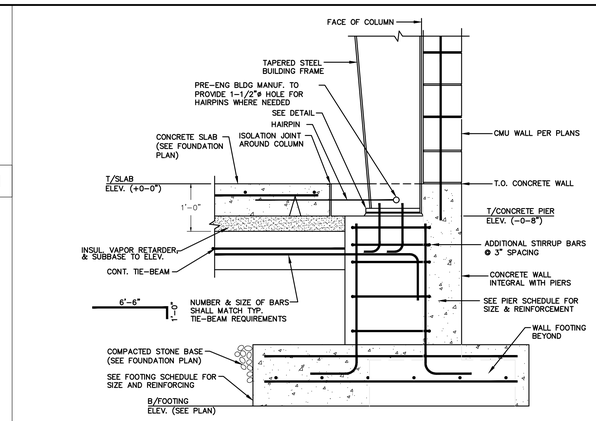
ENDWALL COLUMN FTG 3

Scale: 3/4" = 1'-0" | Reference(s): -



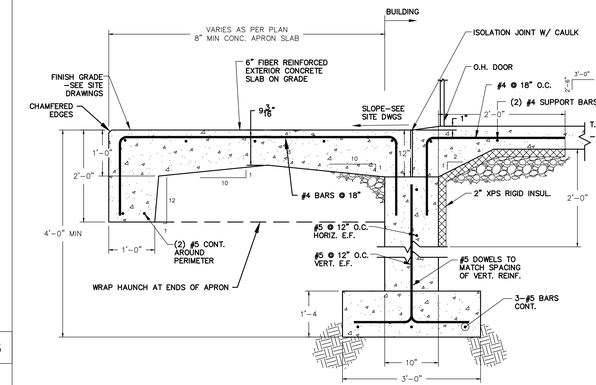
TYP ENTRY DOOR DTL 4

Scale: N.T.S. | Reference(s): -



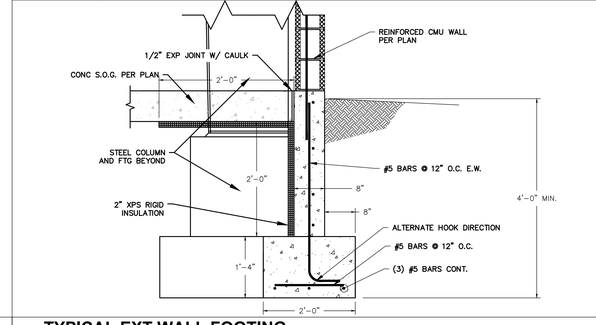
SIDEWALL COLUMN FTG 5

Scale: 3/4" = 1'-0" | Reference(s): -



APRON DETAIL 6

Scale: 3/4" = 1'-0" | Reference(s): -



TYPICAL EXT WALL FOOTING 7

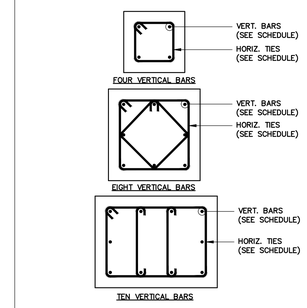
Scale: 3/4" = 1'-0" | Reference(s): -

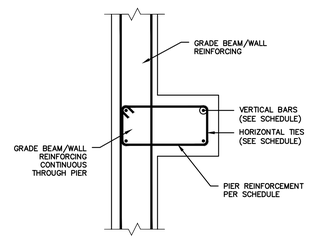
NOTES:

1. HOOK 'A' MAY BE OMITTED IF 'EMBEDMENT' IS MORE THAN THE ACI DEVELOPMENT LENGTH
2. DOWELS MAY BE USED IN LIEU OF HOOKING CONTINUOUS BARS AS SHOWN
3. THE DETAIL IS SHOWN FOR A MULTIPLE LINE OF REINFORCING DETAIL. DETAIL IS SIMILAR FOR A SINGLE LINE

TYP. CONT. REINFORCING AT CORN. AND INT. 14

Scale: N.T.S. | Reference(s): -

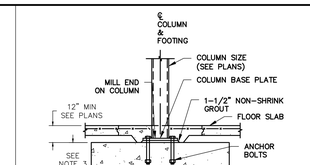




GRADE BEAM OR WALL / PIER

TYPICAL PIER REINFORCING DETAILS 15

Scale: N.T.S. | Reference(s): -

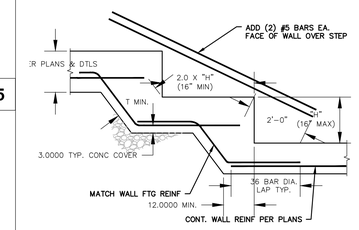


NOTES:

1. STEEL BELOW TOP OF FLOOR SLAB TO RECEIVE 2 COATS OF BITUMINOUS PAINT - OR 3" MIN CONCRETE COVER.
2. LEVELING PLATES MAY BE USED (NOT SHOWN).
3. SEE PLAN FOR SIZE, DEPTH, AND REINFORCEMENT.

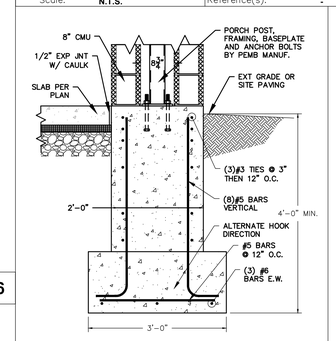
INTERIOR COLUMN FTG 8

Scale: 3/4" = 1'-0" | Reference(s): -



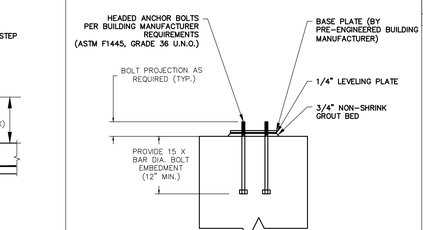
STEPPED FTG DETAIL 9

Scale: N.T.S. | Reference(s): -



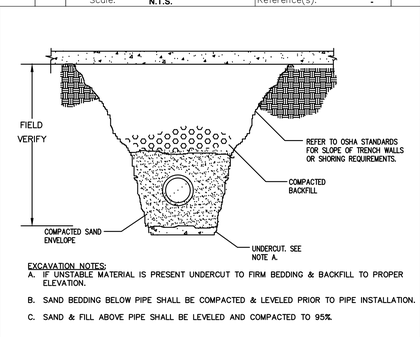
POST FTG 10

Scale: 3/4" = 1'-0" | Reference(s): -



ANCHOR BOLT DETAIL 12

Scale: N.T.S. | Reference(s): -



EXCAVATION NOTES:

A. IF UNSTABLE MATERIAL IS PRESENT UNDERCUT TO FIRM BEDDING & BACKFILL TO PROPER ELEVATION.

B. SAND BEDDING BELOW PIPE SHALL BE COMPACTED & LEVELED PRIOR TO PIPE INSTALLATION.

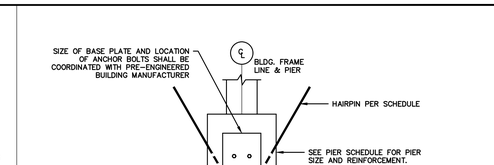
C. SAND & FILL ABOVE PIPE SHALL BE LEVELED AND COMPACTED TO 95%.

UTILITY TRENCH DETAIL 13

Scale: N.T.S. | Reference(s): -

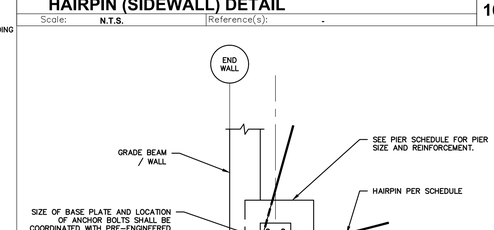
LEAN-TO PIER PLAN 20

Scale: 3/4" = 1'-0" | Reference(s): -



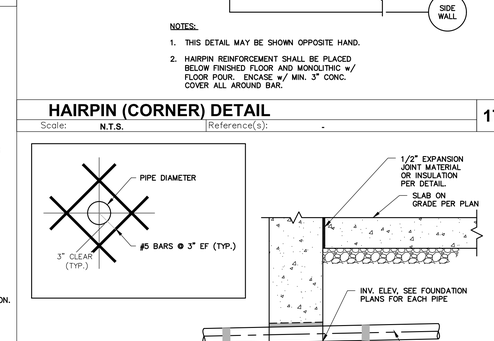
CROSS TIE 11

Scale: 1" = 1'-0" | Reference(s): -



ANCHOR BOLT DETAIL 12

Scale: N.T.S. | Reference(s): -



EXCAVATION NOTES:

A. IF UNSTABLE MATERIAL IS PRESENT UNDERCUT TO FIRM BEDDING & BACKFILL TO PROPER ELEVATION.

B. SAND BEDDING BELOW PIPE SHALL BE COMPACTED & LEVELED PRIOR TO PIPE INSTALLATION.

C. SAND & FILL ABOVE PIPE SHALL BE LEVELED AND COMPACTED TO 95%.

UTILITY TRENCH DETAIL 13

Scale: N.T.S. | Reference(s): -

LEAN-TO PIER PLAN 20

Scale: 3/4" = 1'-0" | Reference(s): -

NOTES:

1. THIS DETAIL MAY BE SHOWN OPPOSITE HAND.
2. HAIRPIN REINFORCEMENT SHALL BE PLACED BELOW FINISHED FLOOR AND MONOLITHIC w/ FLOOR POUR. ENCASE w/ MIN. 3" CONC. COVER ALL AROUND BAR.

HAIRPIN (SIDEWALL) DETAIL 16

Scale: N.T.S. | Reference(s): -

NOTES:

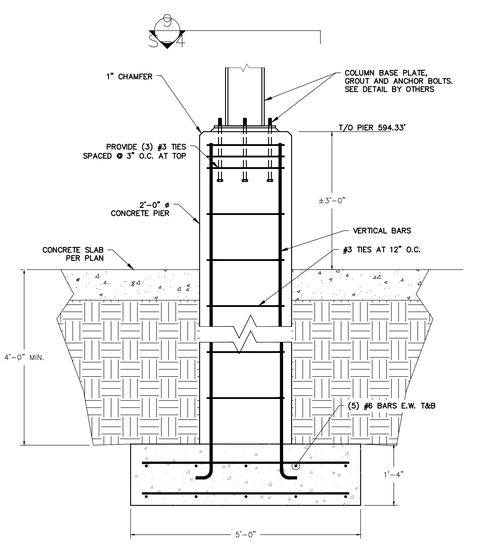
1. THIS DETAIL MAY BE SHOWN OPPOSITE HAND.
2. HAIRPIN REINFORCEMENT SHALL BE PLACED BELOW FINISHED FLOOR AND MONOLITHIC w/ FLOOR POUR. ENCASE w/ MIN. 3" CONC. COVER ALL AROUND BAR.

HAIRPIN (CORNER) DETAIL 17

Scale: N.T.S. | Reference(s): -

TYPICAL WALL PENETRATION DETAIL 18

Scale: N.T.S. | Reference(s): -



LEAN-TO (WASH BAY) FTG DETAIL 19

Scale: 3/4" = 1'-0" | Reference(s): -

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MNJPC	4/17/17

Drawn By: MN
Checked By: JPC
Scale: 3/23"=1'-0"
Date: APRIL 2017

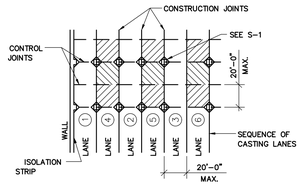
Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title: FOUNDATION DETAILS

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585.381.9250
www.mrbgroup.com

Sheet No. S-4 of

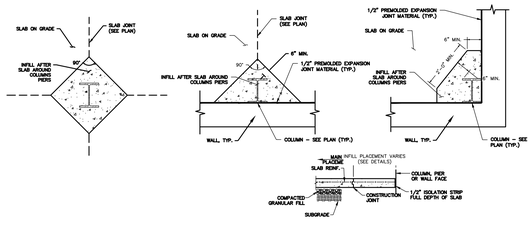
Project No. 0300.16001



NOTES:
1) LANES SHALL BE CAST IN SEQUENCE INDICATED.
2) LANES TO BE DIVIDED BY CONSTRUCTION JOINT AT COLUMN CENTERLINES AND SUBDIVIDED AT A MAXIMUM OF 20'-0" CENTERS.
3) IN AREAS WHERE COLUMNS DO NOT OCCUR, PROVIDE CONSTRUCTION JOINT AND/OR CONTROL JOINTS AS SHOWN.
4) ALLOW 48 HOURS BETWEEN ADJACENT LINE PLACEMENT.

SUGGESTED SLAB ON GRADE PLACEMENT

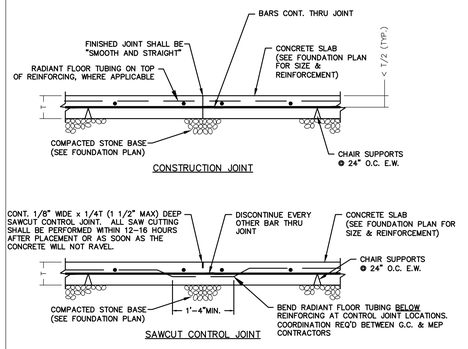
Scale: N.T.S. | Reference(s): - | 1



3/4" SCALE

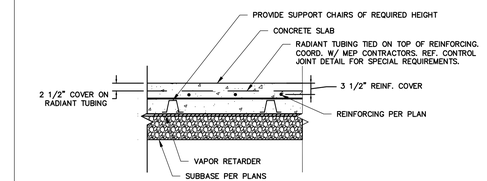
TYPICAL COLUMN ISOLATION JOINTS

Scale: N.T.S. | Reference(s): - | 2



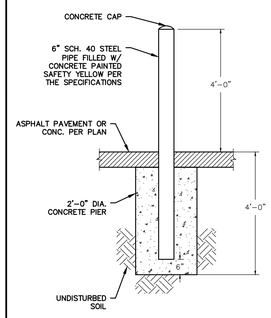
SLAB ON GRADE JOINT DETAILS

Scale: N.T.S. | Reference(s): - | 3



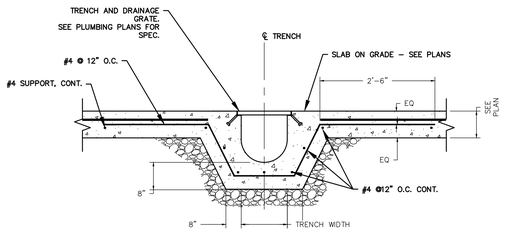
TYPICAL SLAB SECTION

Scale: N.T.S. | Reference(s): | 4



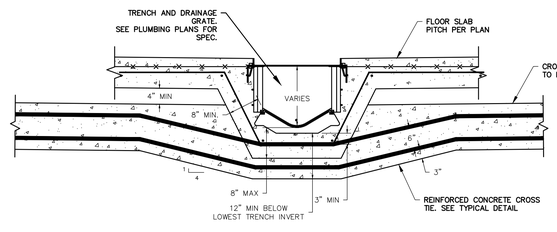
BOLLARD DTL

Scale: N.T.S. | 5



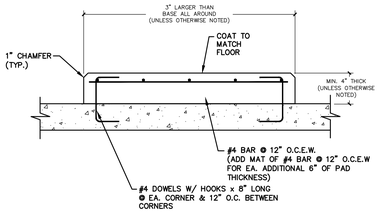
TRENCH DRAIN REINFORCING DETAIL

Scale: 3/4" = 1'-0" | Reference(s): - | 6



CROSS TIE REINFORCING AT TRENCH DRAIN

Scale: 3/4" = 1'-0" | Reference(s): - | 7



TYPICAL HOUSEKEEPING SLAB

Scale: 3/4" = 1'-0" | Reference(s): - | 8

DRAWING ALTERATION
THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209
7. A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER, IN ANY WAY, AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, AND THE SEAL OF THE LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR AND A NOTATION INDICATING THE NAME OF THE LICENSEE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/17/17

Drawn By: MN
Checked By: JPC
Scale: 3/23 =1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title: SLAB DETAILS

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
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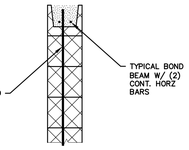
Sheet No. S-5 of

Project No. 0300.16001

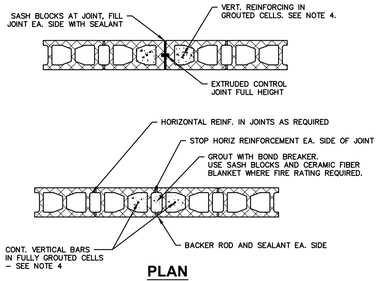


BOND BEAM NOTES:

1. U.N.O. ALL CMU WALLS 6" THICK OR GREATER SHALL HAVE A BOND BEAM AS TOP COURSE.
2. INSTALL REINFORCEMENT AT CONTROL AND EXPANSION JOINTS AS DETAILED HEREIN.
3. WHERE BOND BEAMS ARE INTERRUPTED BY OPENINGS, BEND BARS 12" INTO REINFORCED JAMBS.

CONC. BLK BOND BEAMS

(N.T.S.)



PLAN

NOTES:

1. PROVIDE JOINTS AT INTERVALS NOT TO EXCEED 24'-0".
2. HORIZONTAL WIRE JOINT REINFORCING DOES NOT EXTEND THRU JOINT.
3. (1) HORIZONTAL BOND BEAM REINFORCING BAR SHALL CONTINUE THRU JOINT.
4. SEE PLAN FOR TYPICAL VERTICAL WALL REINFORCING REQUIREMENTS.

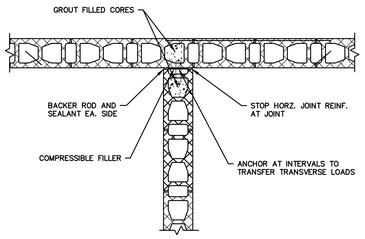
CONC. BLOCK CONTROL JOINT

(N.T.S.)

NOTES:

PROVIDE VERTICAL CONTROL JOINTS IN THE CONCRETE MASONRY UNIT PORTION OF ALL WALLS AND PARTITIONS AS FOLLOWS:

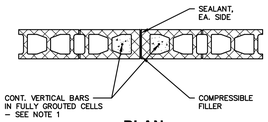
1. WHEN WALL LENGTH EXCEEDS 24 FEET.
2. AT JUNCTIONS OF BEARING AND NON-BEARING WALLS, CHANGES IN WALL HEIGHT OR THICKNESS, JUNCTIONS OF WALL WITH COLUMNS & PIERS, INTERSECTING WALL, PARTITION JUNCTION WHEN THE PARTITION LENGTH EXCEEDS 12'-0".
3. AT RETURN ANGLES OF "L", "T", AND "U" SHAPED CONSTRUCTION.
4. AT CHASES AND RECESSES FOR PIPING AND FIXTURES.
5. AT ONE SIDE OF WALL OPENINGS LESS THAN 6'-0" AND AT BOTH SIDES OF OPENINGS OVER 6'-0".
6. CONTROL JOINT SPACING SHALL NOT EXCEED 24'-0" WHEREVER FEASIBLE. CONTROL JOINTS MAY BE BEST LOCATED AT THE ENDS OF LINTELS OVER DOOR OPENINGS AND EXTEND UP FOR THE REMAINDER OF THE WALL HEIGHT.
7. CONTROL JOINTS TO EXTEND THRU ENTIRE WALL THICKNESS AND FOR THE FULL WALL HEIGHT.
8. SUBMIT CONTROL JOINT LOCATIONS AS A SHOP DRAWING SUBMITTAL.



NOTE:

1. VERTICAL WALL REINFORCING NOT SHOWN FOR CLARITY

CONC. BLK CORNER WALL INTERSECTION JOINT



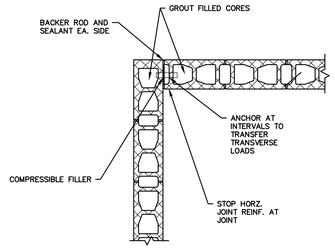
PLAN

NOTES:

1. SEE PLAN FOR TYPICAL VERTICAL WALL REINFORCING REQUIREMENTS.

CONC. BLK EXPANSION JOINT

(N.T.S.)



NOTE:

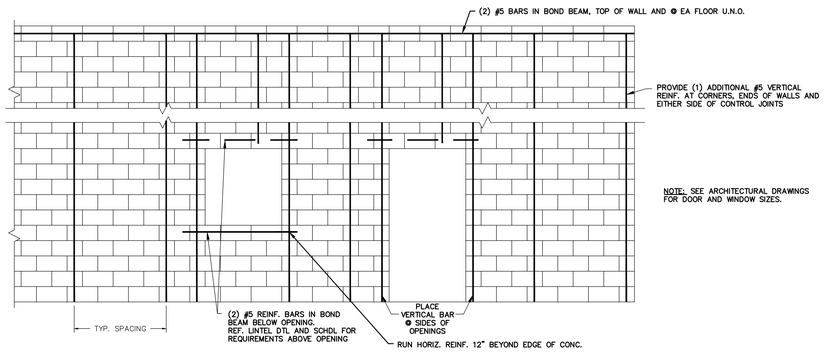
1. VERTICAL WALL REINFORCING NOT SHOWN FOR CLARITY

CONC. BLK CORNER CONTROL JOINT

(N.T.S.)

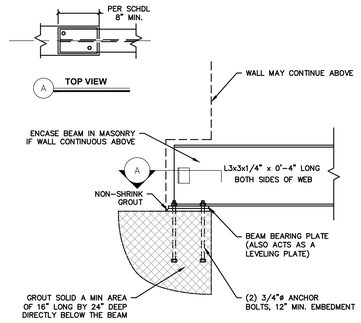
TYPICAL CONCRETE MASONRY DETAILS

Scale: N.T.S. | Reference(s): - | 1



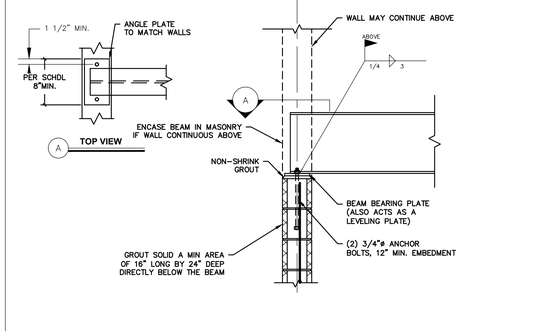
TYPICAL REINFORCING AT OPENINGS

Scale: N.T.S. | Reference(s): - | 2



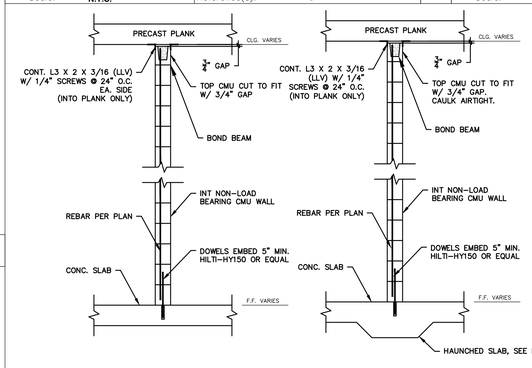
STL BEAM BEARING PARALLEL TO WALL

Scale: N.T.S. | Reference(s): - | 3



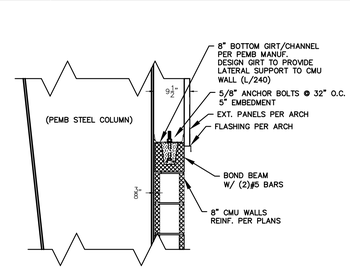
STL BEAM BEARING PERPENDICULAR TO WALL

Scale: N.T.S. | Reference(s): - | 5



NOT USED

Scale: N.T.S. | Reference(s): - | 4



EXT CMU WALL TOP

Scale: 3/4" = 1'-0" | Reference(s): - | 6

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/17/17

Drawn By: MN
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Project Title:
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Drawing Title: MASONRY DETAILS

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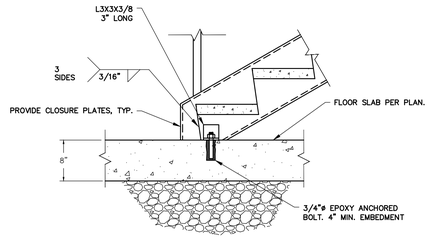
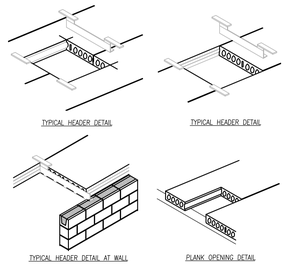
Sheet No. S-6 of

Project No. 0300.16001



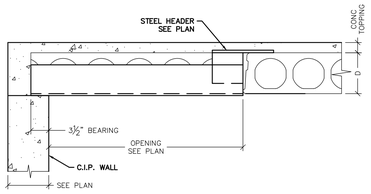
STAIR BASE ANCHORAGE

Scale: 1" = 1'-0" | Reference(s): - | 2



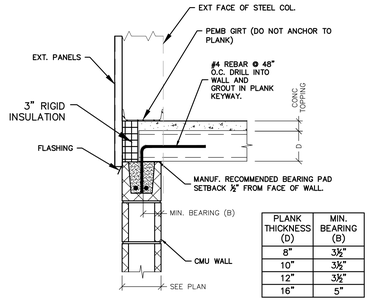
HOLLOW CORE HEADER DETAILS

Scale: N.T.S. | Reference(s): - | 3



HOLLOW CORE HEADER DETAILS

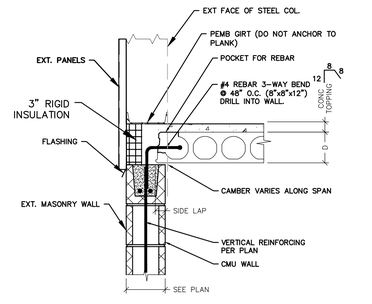
Scale: N.T.S. | Reference(s): - | 4



PLANK THICKNESS (D)	MIN. BEARING (B)
8"	3½"
10"	3½"
12"	3½"
16"	5"

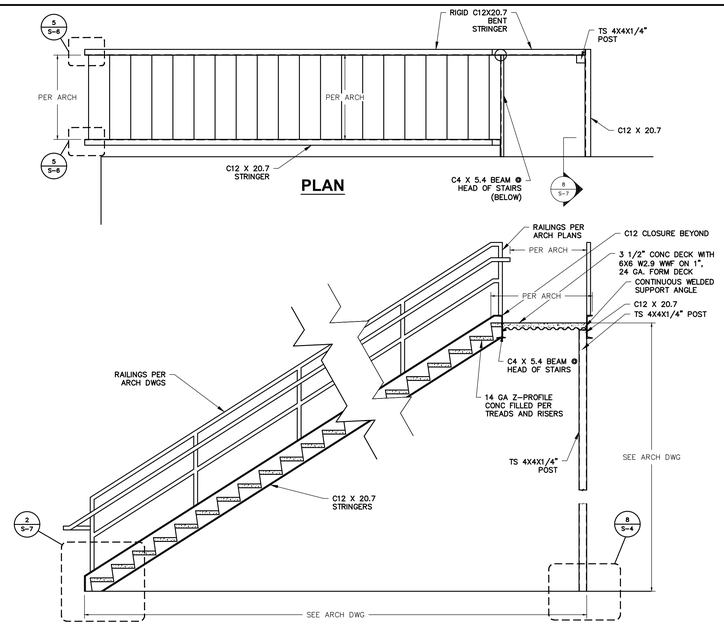
EXTERIOR WALL BEARING END SECTION

Scale: 1" = 1'-0" | Reference(s): - | 5



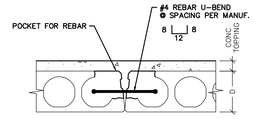
EXTERIOR WALL SIDE SECTION

Scale: 1" = 1'-0" | Reference(s): - | 6



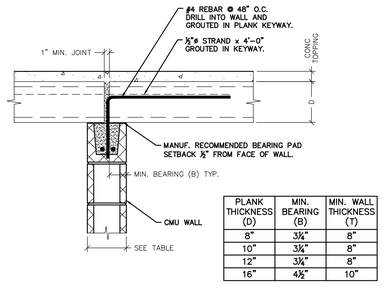
STAIRS

3/8" = 1'-0" | Reference(s): - | 1



ADJ. PLANK CONNECTION DTL

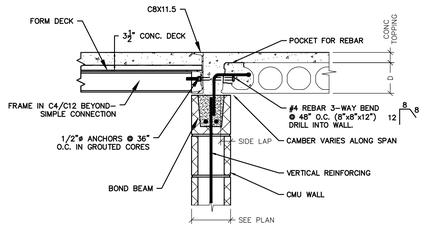
Scale: N.T.S. | Reference(s): - | 7



PLANK THICKNESS (D)	MIN. BEARING (B)	MIN. WALL THICKNESS (T)
8"	3¼"	8"
10"	3¼"	8"
12"	3¼"	8"
16"	4½"	10"

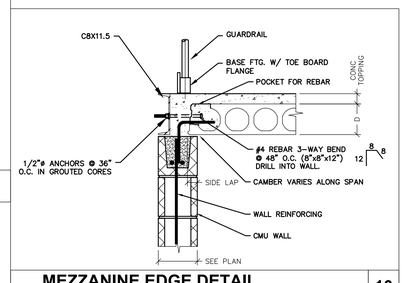
SECTION

Scale: 1" = 1'-0" | Reference(s): - | 8



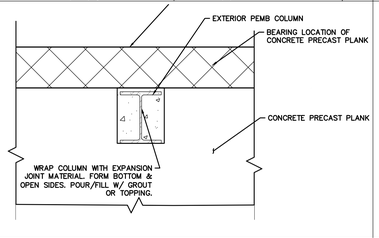
SECTION AT STAIR

Scale: 1" = 1'-0" | Reference(s): - | 9



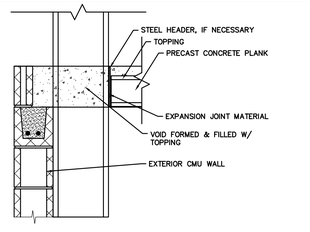
MEZZANINE EDGE DETAIL

Scale: 1" = 1'-0" | Reference(s): - | 10



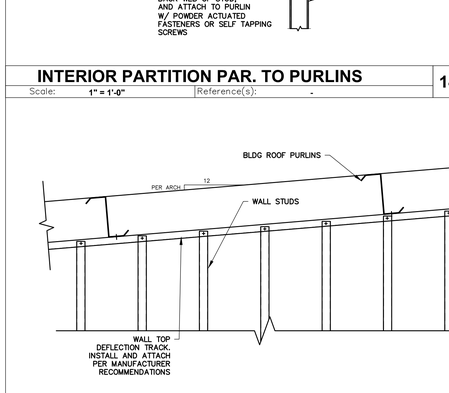
COLUMN INFILL AT PLANK - PLAN

Scale: 1" = 1'-0" | Reference(s): - | 12



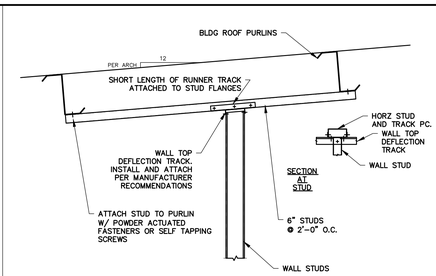
COLUMN INFILL AT PLANK - SECTION

Scale: 1" = 1'-0" | Reference(s): - | 13



INTERIOR PARTITION PAR. TO PURLINS

Scale: 1" = 1'-0" | Reference(s): - | 14



INTERIOR PARTITION PAR. TO PURLINS

Scale: 1" = 1'-0" | Reference(s): - | 15

INTERIOR PARTITION PERP. TO PURLINS

Scale: 1" = 1'-0" | Reference(s): - | 16

DRAWING ALTERATION
THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING.
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER, IN ANY WAY, AN ITEM BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR. IF AN ITEM BEARING SUCH SEAL IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND THE SPECIFIC DESCRIPTION OF THE ALTERATION.

No.	Revisions and Descriptions	By	Date
1	ISSUED FOR BID	MN/JPC	4/7/17

Drawn By: MN
Checked By: JPC
Scale: 3/23"=1'-0"
Date: APRIL 2017

Project Title:
CANANDAIGUA HIGHWAY GARAGE
5440 NYS 5 & 20 WEST
TOWN OF CANANDAIGUA, ONTARIO Co.

Drawing Title: FRAMING DETAILS

MRB group
Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585.381.9250
www.mrbgroup.com

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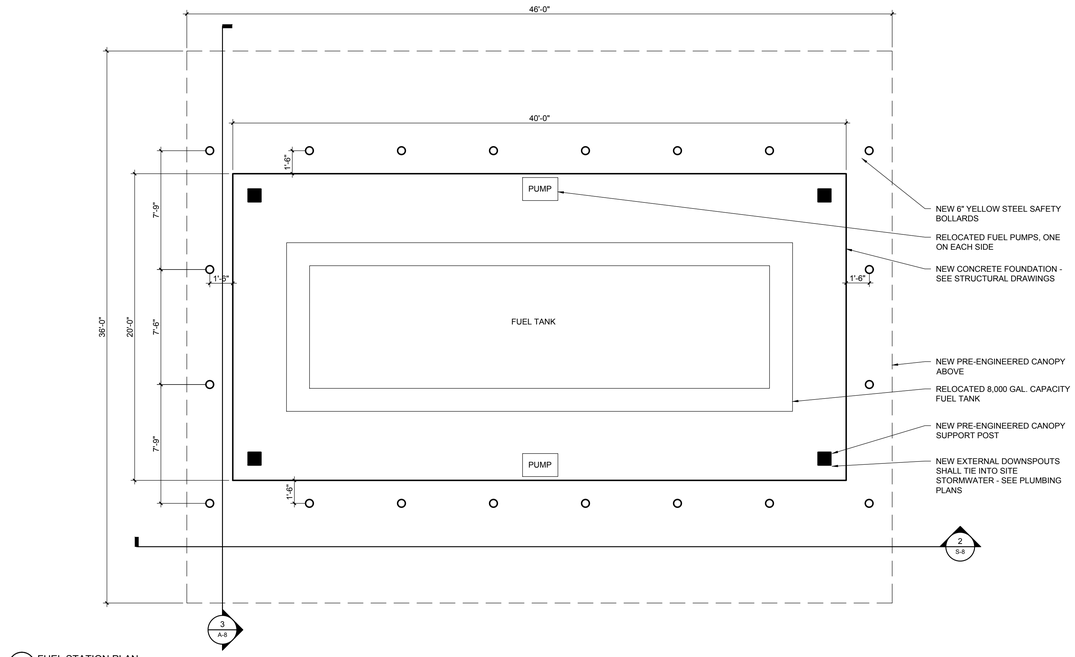
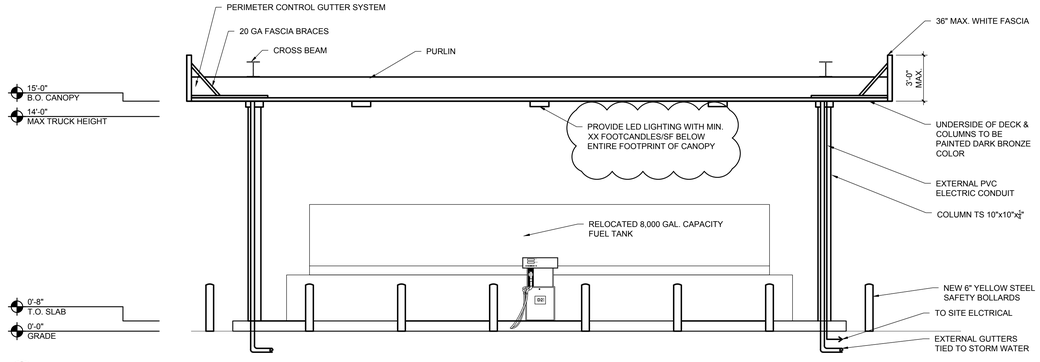
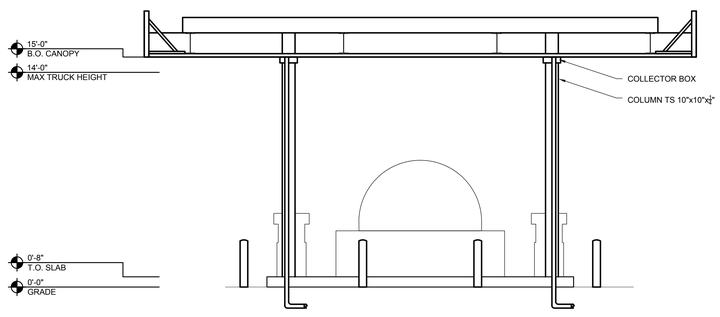
Project No. 0300.16001



1 FUEL STATION PLAN
1/4" = 1'-0"



2 FUEL STATION SECTION
1/4" = 1'-0"



3 FUEL STATION SECTION
1/4" = 1'-0"

STEEL NOTES:

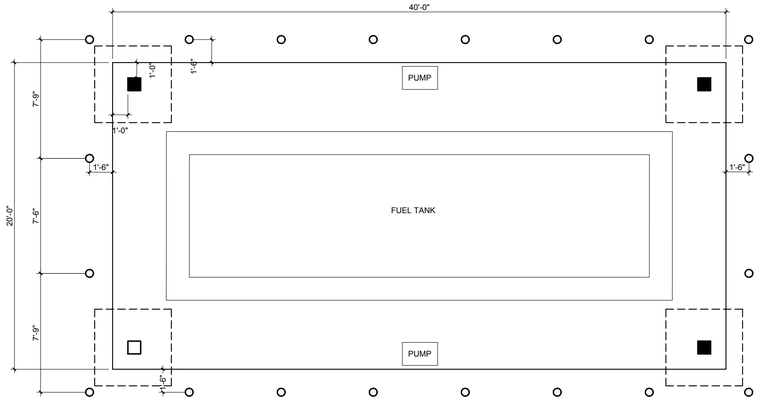
1. ALL DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST SPECIFICATIONS.
2. STRUCTURAL MATERIALS:
   - 2.1. W SECTIONS: ASTM A572 GR 50 (Fy = 50 KSI)
   - 2.2. ANGLES/CHANNELS: ASTM A36 (Fy = 36 KSI)
   - 2.3. PLATES: ASTM A36 (Fy = 36 KSI)
   - 2.4. STRUCTURAL BOLTS: ASTM A325
   - 2.5. ANCHOR BOLTS: ASTM A307 OR A36
3. WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI/AWS D1.1 (WITH E70XX ELECTRODES).
4. ALL A325 ANCHOR BOLTS WILL BE TIGHTENED BY THE TURN OF THE NUT METHOD AS FOLLOWS:
   - 4.1. ALL BOLTS SHOULD BE BROUGHT TO A SNUG TIGHTNESS DEFINED AS THE TIGHTNESS ATTAINED BY THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH.
   - 4.2. ALL BOLTS IN THE CONNECTION SHALL THEN BE TIGHTENED ADDITIONALLY BY A NUT OR BOLT ROTATION OF A ½ TURN. DURING THIS OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH.
5. STEEL SHALL BE COATED WITH A RED-OXIDE RUST INHIBITIVE PRIMER.
6. STEEL DECK - GALVANIZED (ASTM G60) STEEL WITH 20 YR BAKED ENAMEL FINISH.

SPECIFIED DESIGN LOADS:

SEE N-1

NOTES:

1. THE CANOPY AND FOUNDATIONS SHALL BE DESIGNED FOR APPLICABLE DEAD, LIVE, WIND, SEISMIC, AND OTHER LOADINGS AS REQUIRED BY THE BUILDING CODE OF NEW YORK. REFER TO NOTES ON SHEET N-1 AND SPECIFICATION XX XX XX FOR FURTHER REQUIREMENTS AND INFORMATION.
2. THE FOUNDATION DESIGN PRESENTED IS BASED ON PRELIMINARY CONCEPTUAL INFORMATION. THE CONTRACTOR'S ENGINEER, LICENSED IN NEW YORK STATE, SHALL DESIGN THE ACTUAL FOUNDATION SIZE(S), TANK SLAB, INTERCONNECTIONS OF THE TWO, COLUMN ANCHORAGES, AND OTHER APPLICABLE DETAILS BASED ON FINAL REACTION LOAD INFORMATION FROM THE CANOPY MANUFACTURER, AND ADJUSTMENTS MADE IF NECESSARY. ADJUSTMENTS TO CONCRETE AND REBAR VOLUMES MAY BE NECESSARY AND SHALL RESULT IN NO ADDITIONAL COST TO OWNER.
3. THE CANOPY MANUFACTURER'S ENGINEER (LICENSESD IN NEW YORK STATE) SHALL BE RESPONSIBLE FOR THE INTEGRAL DESIGN OF ALL FRAMING ELEMENTS, FINISH PANELS, GUTTERS, AND OTHER COMPONENTS OF THE CANOPY.
4. ***ALL SURFACES OF EXPOSED STEEL SHALL BE FINISH PAINTED (REGARDLESS OF SIDE OR SIDES EXPOSED) PRIOR TO OR JUST AFTER ERECTION (PRIOR TO INSTALLATION OF ROOFING, DECKING AND SIDING/INTERIOR WALL PANELS. STEEL SHALL RECEIVE HEAVY DUTY CORROSION RESISTANT PAINT FINISH. SEE PROJECT SPECIFICATIONS.***
5. THE COLUMNS AND UNDERSIDE DECKING SHALL BE PAINTED DARK/AGED BRONZE COLOR TO MASK DIESEL RESIDUE. THE UPPER FASCIA PANELS SHALL BE WHITE IN COLOR.
6. THE CANOPY SHALL INCLUDE LIGHTING DESIGNED AND SELECTED BY THE MANUFACTURER TO MEET THE FOLLOWING PERFORMANCE REQUIREMENTS:
   - 6.1. AREAS UNDER THE CANOPY SHALL BE ILLUMINATED TO AVERAGE ILLUMINATION OF 10 FOOT-CANDLES, AT THE PUMP LOCATIONS, THE LIGHTING LEVEL SHALL BE 15 FC.
   - 6.2. LIGHT FIXTURES SHALL BE LED.
7. LIGHT FIXTURES MOUNTED ON CANOPIES SHALL BE RECESSED OR FLUSH MOUNTED SO THAT THE LENS COVER IS RECESSED OR FLUSH WITH THE BOTTOM SURFACE OR CEILING OF THE CANOPY AND/OR SHIELDED BY THE FIXTURE OR THE EDGE OF THE CANOPY SO THAT LIGHT IS RESTRAINED TO NO MORE THAN EIGHTY-FIVE (85) DEGREES FROM VERTICAL.
8. LIGHTS SHALL NOT BE MOUNTED ON THE TOP OR SIDES (FASCIAS) OF THE CANOPY, AND THE SIDES OF THE CANOPY SHALL NOT BE ILLUMINATED.
9. ILLUMINANCE LEVELS SHALL CONFORM TO THOSE SPECIFIED BY THE IESNA HANDBOOK, FIGURE 17-20.
10. NOTE THAT INSTALLATION OF THIS WORK, AS A COMPONENT OF THE PROJECT, SHALL BE SUBJECT TO NEW YORK STATE PREVAILING WAGES.



No.	Revisions and Descriptions	By	Date
1	REVISED PER NYSDOH	MWJPC	4/17/17

Drawn By: MN
Checked By: SB
Scale: 1/4"=1'-0"
Date: APRIL 2017

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5440 NYS 5 & 20 WEST
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Drawing Title:
FUEL STATION PLAN & DETAILS

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of

Project No.
0300.16001

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