# CHESTNUT STREET RECORDS CENTER
# BUILDING AND SITE REMODELING

FOR THE

## FAIRFIELD COUNTY COMMISSIONERS

138 WEST CHESTNUT STREET
LANCASTER, OHIO 43130

VPL PROJECT # L-1823

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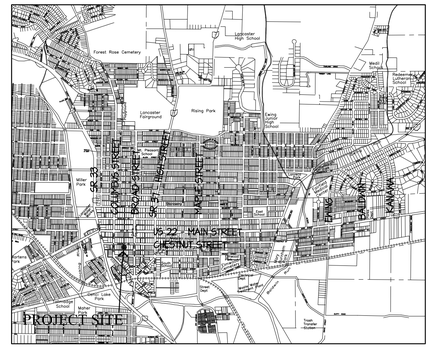
### PROJECT DESCRIPTION / OBC INFORMATION

1. THE PROPOSED PROJECT CONSISTS OF INTERIOR AND EXTERIOR REMODELING OF AN EXISTING BUILDING. THE EXISTING BUILDING HAS THE FOLLOWING CHARACTERISTICS PER THE OHIO BUILDING CODE:
   - 1.1. 15,424 NET SQ FT
   - 1.2. 3B CONSTRUCTION
   - 1.3. FULLY SPRINKLERED
   - 1.4. ONE STORY, 22' HEIGHT TO TALLEST PARAPET WALL
   - 1.5. NON-SEPARATED, MIXED USE B / S1 OCCUPANCY
2. THE PROPOSED OCCUPANCY IS NON-SEPARATED, MIXED USE B / S1. THE PROPOSED PROJECT DOES NOT CONSTITUTE A CHANGE OF USE.
3. THE PROPOSED INTERIOR NET AREA TO BE REMODELED IS 15,424 NET SQ FT.
4. PROPOSED OCCUPANCY LOADS:
   - 4.1. S1 OCCUPANCY FOR 11,00 NSF = 15
   - 4.2. B OCCUPANCY FOR 8,324 NSF = 84
   - 4.3. TOTAL PROPOSED BUILDING OCCUPANCY = 99
5. THE FIRE SEPARATION DISTANCE FROM THE BUILDING'S EXTERIOR FACE TO THE CENTERLINE OF BOTH ADJACENT ALLEYS IS 6'. PER OBC 602 THE EXTERIOR WALL FIRE RESISTANCE REQUIRED FOR THIS BUILDING IS ONE HOUR. THE EXISTING BUILDING, WITH THE PROPOSED REMODELING, WILL EXCEED THIS REQUIREMENT.
6. PER OBC TABLE 506.2, A 3B CONSTRUCTED, FULLY SPRINKLERED BUILDING WITH B OCCUPANCY IS LIMITED TO 76,000 NSF; WITH AN S1 OCCUPANCY IS LIMITED TO 70,000 SF. THE EXISTING BUILDING FALLS WITHIN THESE CRITERIA.
7. PER OBC 2902.2, TOILET REQUIREMENTS FOR B OCCUPANCY = 1 TOILET PER 80 MEN AND 1 TOILET PER 80 WOMEN, 1 DRINKING FOUNTAIN PER 100 OCCUPANTS, AND 1 UTILITY SINK. THE NEW PLUMBING FIXTURES IN THE REMODELED FACILITIES WILL EXCEED THESE REQUIREMENTS.
   - 7.1. IN LIEU OF A DRINKING FOUNTAIN, THE OWNER WILL PROVIDE A CONTINUOUS SUPPLY OF BOTTLED WATER AVAILABLE AT ALL TIMES TO ALL OCCUPANTS OF THE FACILITY.
8. ALL WORK SHALL COMPLY WITH THE 2017 OHIO BUILDING CODE, AND THE LATEST EDITIONS OF THE NATIONAL ELECTRIC CODE, THE OHIO MECHANICAL CODE, THE OHIO PLUMBING CODE AND ALL OTHER APPLICABLE LOCAL CODES.

### VICINITY MAP




LANCASTER

### SYMBOLS

- 104 — ROOM NUMBER
- ST4 / LL — STAIR NUMBER INDICATOR; STAIR #4 AT LOWER LEVEL (ML = MAIN LEVEL; UL = UPPER LEVEL)
- C 194 A5.1 B — DRAWINGS A, B AND C ON SHEET A5.1 ARE ELEVATIONS OF CORRESPONDING WALLS IN ROOM 194
- 104 — DOOR NUMBER
- 3 — REVISION #3 WORK IS ILLUSTRATED WITHIN CLOUDED AREA
- EL. 100'-0" — EXISTING ELEVATION DATUM LINE
- EL. 110'-0" — NEW ELEVATION DATUM LINE
- 3 / A2.1 — BUILDING OR WALL SECTION DRAWING # 3 ON SHEET A2.1
- 6 / A2.4 — PLAN DETAIL # 6 ON SHEET A2.4
- 5 — CODED NOTE SYMBOL
- DWG # / SHT # — DRAWING TITLE, SCALE
- PLAN NORTH — ARROW INDICATES REFERENCED NORTH
- EXISTING MASONRY WALL SHOWN HATCHED IS TO REMAIN. REMOVE MASONRY WALL FULL HEIGHT AND DOWN TO 8" BELOW SLAB WHERE SHOWN DOTTED. (UNLESS NOTED OTHERWISE)
- EXISTING DRYWALL PARTITION TO BE REMOVED
- EXISTING DRYWALL PARTITION TO REMAIN
- NEW DRYWALL PARTITION AS SCHEDULED
- NEW MASONRY WALL AS SCHEDULED
- 101A — NEW DOOR, FRAME AND HARDWARE 101A AS SCHEDULED
- 133B — EXISTING DOOR, FRAME AND / OR HARDWARE 133B TO BE REVISED AS SCHEDULED
- EXISTING DOOR, FRAME AND HARDWARE:
  - TO BE REMOVED IF SHOWN DOTTED
  - TO REMAIN AS IS IF SHOWN SOLID

IN GENERAL, ALL ITEMS SHOWN WITH SOLID LINES ARE TO REMAIN, ALL ITEMS SHOWN WITH DOTTED LINES ARE TO BE REMOVED UNLESS OTHERWISE NOTED.

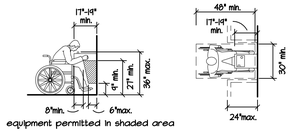
| ISSUE | MARK | DATE |
|---|---|---|
| REVIEW | | 7-12-18 |
| PERMIT | | 8-9-18 |

STATE OF OHIO
STEPHEN M. LUCHTENBERG
8546
REGISTERED ARCHITECT

WATER COOLER REQUIREMENTS:
SPOUT LOCATION - FOR WATER COOLERS AND DRINKING FOUNTAINS SHALL BE AT THE FRONT OF THE UNIT AND SHALL DIRECT THE WATER FLOW IN A TRAJECTORY THAT IS PARELLEL OR NEARLY PARELLEL TO THE FRONT OF THE UNIT. THE SPOUT SHALL PROVIDE A FLOW OF WATER ATLEAST 4" HIGH SO THAT A CUP OF GLASS CAN BE PLACED UNDER THE FLOW OF WATER ON AN ACCESSIBLE DRINKING FOUNTAIN WITH ROUND OR OVAL BOWL, THE SPOUT MUST BE POSITIONED SO THE FLOW OF WATER IS WITHIN 3" OF THE FRONT EDGE OF THE FOUNTAIN.

CONTROLS - UNIT CONTROLS SHALL BE FRONT MOUNTED OR SIDE MOUNTED NEAR THE FRONT EDGE.

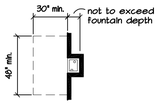
SPOUT HEIGHT - SPOUT SHALL BE NO HIGHER THAN 36" MEASURED FROM THE FLOOR OR GROUND SURFACES TO THE SPOUT OUTLET.



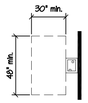
(A)
Spout Height and Knee Clearance



(B)
Clear Floor Space



(C)
Built-in Fountain or Cooler



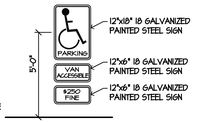
(D)
Free Standing Fountain or Cooler

## WATER COOLERS

ACCEPTABLE CONFIGURATIONS FOR DRINKING FOUNTAINS AND WATER COOLERS (ADAAG 4.15, FIG 27)

NOTE:
ONE VAN - ACCESSIBLE SPACE IS REQUIRED PER EVERY 8 H.C. SPACES BUT NOT LESS THAN ONE, EXCEPT FOR HANDICAP PARKING IN CONFORMANCE WITH THE UNIVERSAL PARKING DESIGN.

NOTE:
"VAN ACCESSIBLE" SIGN IS NEEDED TO ALERT VAN USERS TO THE PRESENCE OF WIDER AISLE BUT THE SPACE IS NOT INTENDED TO BE RESTRICTED ONLY TO VAN USE




## HANDICAP PARKING SIGN

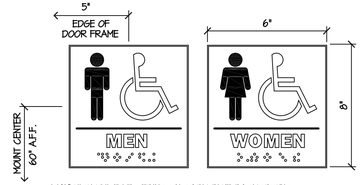
TYPICAL HANDICAP PARKING SIGN (ADAAG 4.6)

(A)
PROPORTIONS
INTERNATIONAL SYMBOL OF ACCESSIBILITY

(B)
DISPLAY CONDITIONS
INTERNATIONAL SYMBOL OF ACCESSIBILITY

## HANDICAP SYMBOLS

INTERNATIONAL SYMBOL OF ACCESSIBILITY
(ADAAG 4.30.7, FIG. 4.3)

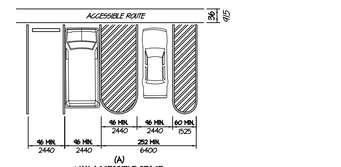



1 1/2" HIGH WHITE LETTERING ON DARK BLUE BACKGROUND

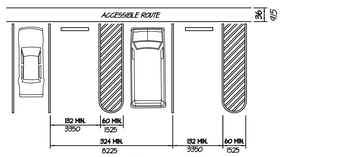
DARK BLUE PLASTIC (FIELD) BACKGROUND WITH WHITE RAISED OR DEPRESSED EMBLEMS (NOTE- EMBLEMS AND LETTERING MUST BE RAISED OR DEPRESSED MIN. 1/16 TYPICAL)

PROVIDE (1) SIGN TOILET COMPLYING WITH ADA LOCAL CODE. SIGN TO HAVE RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY. MOUNT 5'-0" TO CENTERLINE A.F.F. SIGN SIZE 6"x8" COLOR DARK BLUE WITH WHITE CHARACTERS.

## HANDICAP SIGN DETAILS



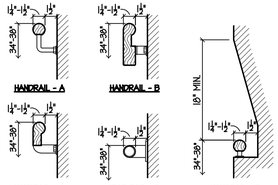
(A)
VAN ACCESSIBLE SPACE



(B)
UNIVERSAL PARKING SPACE DESIGN

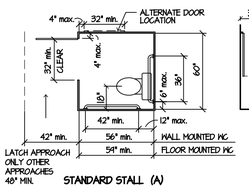
PARKING SPACE ALTERNATIVES
FIG. A5

## HANDICAP PARKING

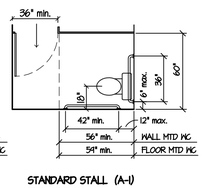



## HANDRAILS

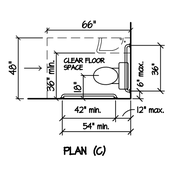
SIZE AND SPACING OF HANDRAILS AND GRAB BARS
(ADAAG 4.26.2 FIG. 39)



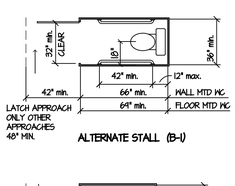
STANDARD STALL (A)



STANDARD STALL (A-1)
END OF ROW

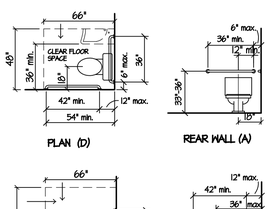


PLAN (C)



ALTERNATE STALL (B-1)

REAR WALL STALL

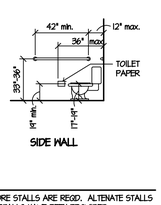


PLAN (D)

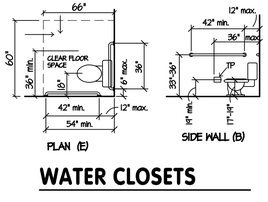


REAR WALL (A)

ALTERNATE STALL (B-2)



SIDE WALL



PLAN (E)

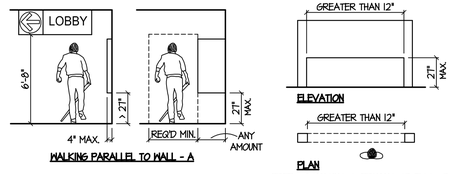


SIDE WALL (B)

## TOILET STALLS

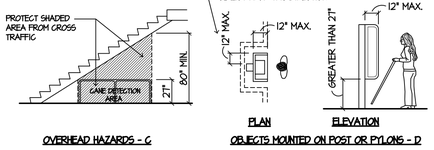
ONE STANDARD STALL SHALL BE PROVIDED WHERE 6 OR MORE STALLS ARE REQD. ALTENATE STALLS MAY BE PROVIDED AFTER THE REQD STANDARD HANDICAP STALLS HAVE BEEN PROVIDED.

## WATER CLOSETS



WALKING PARALLEL TO WALL - A

FREE - STANDING OVERHANG OBJECT - B

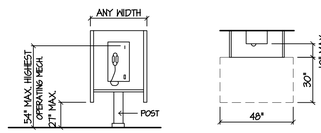


OVERHEAD HAZARDS - C

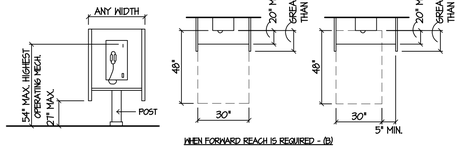
OBJECTS MOUNTED ON POST OR PYLONS - D

## PROTRUDING OBJECTS

PROTRUDING OBJECTS (ADAAG 4.4 FIG. 8)



WHEN SIDE REACH IS POSSIBLE - (A)



WHEN FORWARD REACH IS REQUIRED - (B)

TELEPHONE REQUIREMENT
HEARING AID COMPATIBLE - TELEPHONES SHALL BE HEARING AID COMPATIBLE

CONTROLS - TELEPHONES SHALL HAVE PUSH-BUTTON CONTROLS WHERE SERVICE FOR SUCH EQUIPMENT IS AVAILABLE

TELEPHONE BOOKS - IF PROVIDED SHALL BE LOCATED IN A POSITION THAT COMPLIES WITH THE SIDE AND FORWARD REACH REQUIREMENTS

CORD LENGTH - THE CORD FROM THE TELEPHONE TO THE HAND SET SHALL BE AT LEAST 29" LONG.

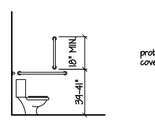
TEXT TELEPHONES - WHEN REQUIRED BY ADAAG 4.1 AND USED WITH A PAY TELEPHONE SHALL BE PERMANENTLY AFFIXED WITHIN OR ADJACENT TO THE TELEPHONE ENCLOSURE IF AN ACOUSTIC COUPLER IS USED, THE TELEPHONE CORD SHALL BE SUFFICIENTLY LONG TO ALLOW CONNECTION TO THE TEXT PHONE PAY PHONES DESIGNED TO ACCOMMODATE A PORTABLE TEXT PHONE SHALL BE EQUIPPED WITH A SHELF AND AN ELECTRICAL OUTLET WITHIN OR ADJACENT TO THE TELEPHONE ENCLOSURE. THE TELEPHONE HAND SET SHALL BE CAPABLE OF BEING PLACED FLUSH ON THE SURFACE OF THE SHELF. THE SHELF SHALL BE CAPABLE OF ACCOMMODATING A TEXT PHONE AND SHALL HAVE 6" MINIMUM CLEARANCE VERT. IN THE AREA WHERE THE TEXT TELEPHONE IS PLACED.

## TELEPHONES

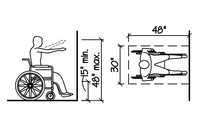
MOUNTING HT. AND CLEARANCES FOR TELEPHONES (ADAAG 4.31. FIG. 44)

## TOILET ROOM NOTES

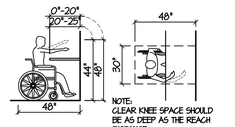
1. INSTALL 2 x WOOD BLOCKING AT ALL WALL MOUNTED ACCESSORY AND GRAB BAR LOCATIONS.
2. PROVIDE 5/8" MOISTURE RESISTANT GYPSUM BOARD ON INSIDE FACE OF ALL TOILET ROOM PARTITIONS AT PLUMBING FIXTURE LOCATIONS.
3. MANUFACTURER FOR ALL ACCESSORIES TO BE SELECTED BY OWNER.
4. TOILET ROOM DOOR SIGNS PROVIDED BY G.C. CENTERLINE OF SIGNS TO BE 60" A.F.F. SIGNAGE TO BE A.D.A. COMPLIANT.
5. LAVATORIES SHALL BE LOCATED SUCH THAT TOP OF RIM OR COUNTER SURFACE BE AT A MAX OF 34" A.F.F. PROVIDE 29" MIN. CLEARANCE BETWEEN FINISH FLOOR AND BOTTOM OF APRON AND SHALL COMPLY WITH A.D.A. A.6. 4.19.2.
6. LAVATORIES SHALL BE LOCATED SUCH THAT A CLEAR FLOOR SPACE OF 30" X 48" IS PROVIDED AND SHALL COMPLY WITH A.D.A. A.6. 4.19.3.
7. ALL FAUCETS SHALL BE LEVER OPERATED, PUSH TYPE, AND COMPLY WITH A.D.A. A.6. 4.27.4. IF SELF CLOSING VALVES ARE USED, THE FAUCET SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.
8. PROVIDE TRAP WRAP #PW-2125 BY PRO WRAP AT ALL A.D.A. ACCESSIBLE LAVATORIES WITH EXPOSED PIPING.
9. WATER CLOSETS TO BE 11" TO 19" MEASURED TO TOP OF THE TOILET SEAT FROM THE FLOOR.
10. WATER CLOSET FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC AND SHALL COMPLY WITH A.D.A. A.6. 4.27.4. CONTROLS FOR FLUSH SHALL BE BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS.



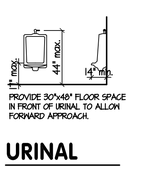
KNEE CLEARANCE TO BE 27" HIGH 30" MIN. WIDE AND 19" DEEP.



HIGH FORWARD REACH LIMIT - (A)

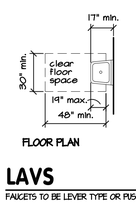


MAX. FORWARD REACH OVER OBSTRUCTION - (B)



PROVIDE 30"x48" FLOOR SPACE IN FRONT OF URINAL TO ALLOW FORWARD APPROACH.

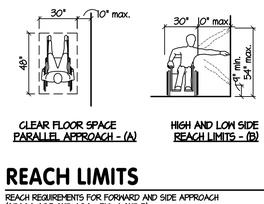
## URINAL



FLOOR PLAN

## LAVS

FAUCETS TO BE LEVER TYPE OR PUSH



CLEAR FLOOR PARALLEL APPROACH - (A)

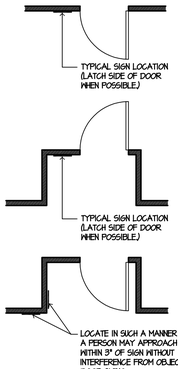
HIGH AND LOW SIDE REACH LIMITS - (B)

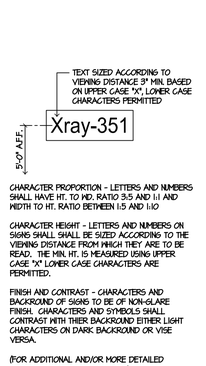
MAX. SIDE REACH OVER OBSTRUCTION - (C)

## REACH LIMITS

REACH REQUIREMENTS FOR FORWARD AND SIDE APPROACH
(ADAAG 4.2.5 AND 4.2.6 FIG. 4 AND 5)

NOTE: THIS SHEET IS A GENERAL INFORMATION SHEET FOR HANDICAP REQUIREMENTS. CERTAIN DETAILS ON THIS SHEET MAY NOT BE PERTINENT TO THIS PROJECT.




CHARACTER PROPORTION - LETTERS AND NUMBERS SHALL HAVE HT. TO WD. RATIO 3:5 AND 1:1 AND WIDTH TO HT. RATIO BETWEEN 1:5 AND 1:10

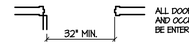
CHARACTER HEIGHT - LETTERS AND NUMBERS ON SIGNS SHALL SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MIN. HT. IS MEASURED USING UPPER CASE "X" LOWER CASE CHARACTERS ARE PERMITTED.

FINISH AND CONTRAST - CHARACTERS AND BACKGROUND OF SIGNS TO BE OF NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND EITHER LIGHT CHARACTERS ON DARK BACKGROUND OR VISE VERSA.

(FOR ADDITIONAL AND/OR MORE DETAILED INFORMATION SEE ADAAG - 4.30)

## ADA COMPLIANT SIGNAGE

(ADAAG 4.30)



ALL DOORS INCLUDING NON-HABITABLE AND OCCUPIABLE ROOMS WHICH CAN BE ENTERED.

DOOR NOTES

DOUBLE LEAF DOORS. BOTH LEAVES SHALL BE 32" CLEAR.

DOORS SHALL HAVE CLEARANCES PER THE AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR (EXTERIOR MAX. SLOPE 2%)

DOORS IN SERIES SHALL BE 48" PLUS THE WIDTH OF ANY DOOR SWINGING INTO THE SPACE BUT NOT LESS THAN 7'-0" CLEAR BETWEEN DOORS.

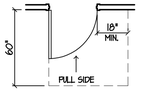
THRESHOLDS AT DOORWAYS SHALL NOT EXCEED ¾". RAISED THRESHOLDS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2

HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, OR TWISTING OF THE WRIST TO OPERATE. LEVER OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPE HANDLES ARE ACCEPTABLE DESIGN.

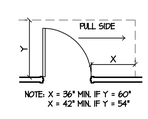
HARDWARE FOR REQUIRED ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" ABOVE FINISH FLOOR. THIS INCLUDES SLIDE BOLTS AND THUMB TURN LOCKS ON GLASS DOORS.

DOORS WITH CLOSERS SHALL HAVE A SWEEP PERIOD SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOORS WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

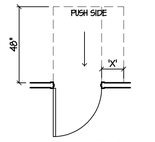
DOOR OPENING FORCE SHALL BE:
FIRE DOORS: MINIMUM ALLOWABLE PER CODE
EXTERIOR HINGE DOORS = 8.5 LBS
INTERIOR HINGE DOORS = 5.0 LBS
SLIDING DOOR = 5.0 LBS



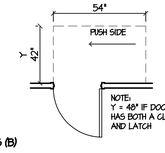
FRONT APPROACHES (A)



NOTE: X = 36" MIN. IF Y = 60"
X = 42" MIN. IF Y = 54"

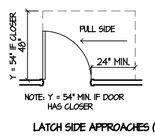


NOTE: X = 12" IF DOOR HAS BOTH A CLOSER AND LATCH

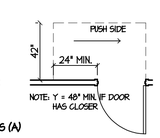


NOTE:
Y = 48" IF DOOR HAS BOTH A CLOSER AND LATCH

HINGE SIDE APPROACHES (B)



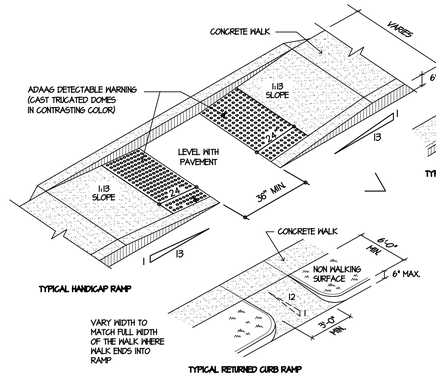
NOTE: Y = 54" MIN. IF DOOR HAS CLOSER

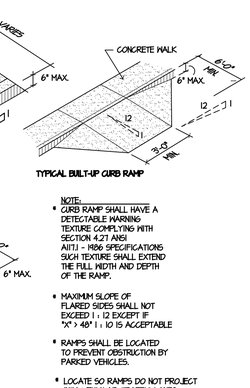


NOTE: Y = 48" MIN. IF DOOR HAS CLOSER

LATCH SIDE APPROACHES (A)

## DOOR DETAILS

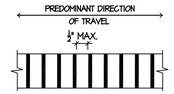



NOTE:
- CURB RAMP SHALL HAVE A DETECTABLE WARNING TEXTURE COMPLYING WITH SECTION 4.27 ANSI A117.1 - 1986 SPECIFICATIONS SUCH TEXTURE SHALL EXTEND THE FULL WIDTH AND DEPTH OF THE RAMP.
- MAXIMUM SLOPE OF FLARED SIDES SHALL NOT EXCEED 1 : 12 EXCEPT IF "X" > 48" 1 : 10 IS ACCEPTABLE
- RAMPS SHALL BE LOCATED TO PREVENT OBSTRUCTION BY PARKED VEHICLES.
- LOCATE SO RAMPS DO NOT PROJECT INTO VEHICLAR, TRAFFIC LANES.

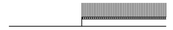
## CURB RAMP DETAILS

PREDOMINANT DIRECTION OF TRAVEL

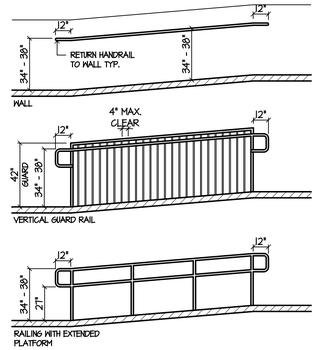


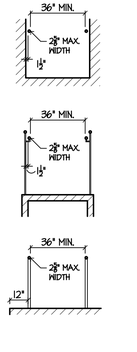
GRATES LOCATED IN WALKING SURFACES INCLUDING PARKING LOTS MAX. ½" SPACES IN ONE DIRECTION. ELONGATED OPENINGS TO BE IN DIRECTION PERPENDICULAR TO DOMINANT DIRECTION OF TRAVEL.

## GRATE


CARPET TO BE ONE LEVEL LOOP TEXTURED LOOP LEVEL CUT PILE OR LEVEL CUT / UNCUT PILE TEXTURE. MAXIMUM PILE THICKNESS 1/2". EXPOSED EDGES TO HAVE EDGE STRIP WHICH COMPLIES WITH CHANGE IN LEVEL REQUIREMENTS.

## CARPET




| SLOPE | MAX. RISE | MAX. RUN |
|---|---|---|
| 1 : 12 TO < 1 : 16 | 30 IN. | 30 FT. |
| 1 : 16 TO < 1 : 20 | 30 IN. | 40 FT. |

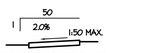
## RAMP DETAILS

1 : 12 TO 1 : 20

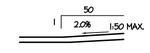
RAMPS (EXCEPT CURB RAMPS) OVER 6" RISE OR OVER A 72" RUN SHALL HAVE A HANDRAILS ON BOTH SIDES. TOP BETWEEN 34" AND 38" ABOVE RAMP RAIL TO EXTEND 12" BEYOND TOP AND BOTTOM PARALLEL TO GROUND SURFACE RAILS CONTINOUS AT SWITCHBACKS ENDS OF RAILS TO BE ROUNDED OR RETURNED TO WALL, FLOOR OR POST.

AN ALTERATION THAT AFFECTS OR COULD AFFECT THE USEABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE SO AS TO ENSURE THAT TO THE MAXIMUM EXTENT FEASIBLE THE PATH OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES. UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE. (NOT TO EXCEED 20% OF THE COST OF ALL ALTERATIONS) CONTRACTOR TO PROVIDE DOCUMENTATION TO THE FIELD INSPECTOR TO INDICATE COMPLIANCE WITH 20% OF THE COST OF THE PROJECT IF FULL COMPLIANCE IS NOT MET. FULL COMPLIANCE IS EXPECTED AND WILL BE FIELD CHECKED.

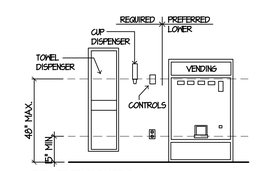
CHANGES IN LEVEL
IF CHANGES IN LEVEL ALONG AN ACCESIBLE ROUTE EXCEED 1/2" THEN A RAMP SHALL BE PROVIDED

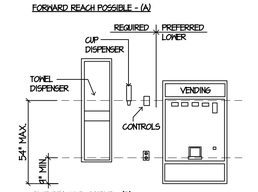


MAXIMUM CROSS SLOPE
APPLIES TO WALKS, RAMPS AND BOTH DIRECTIONS OF LANDINGS RAMPS, STAIRS. AREAS ON EITHER SIDE OF DOORS AND FOR HANDICAP PARKING SPACES.



MAXIMUM ACCESIBLE ROUTE
INCLUDES ALL WALKING SURFACES OTHER THAN RAMPS SUCH AS SIDEWALKS FLOORS, PARKING LOTS, ETC.

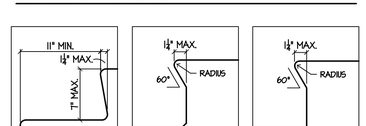



## REACH LIMITS

CONTROLS REACH LIMITS
(ADAAG 4.1. FIG. A8)

## LEVEL CHANGES



FLUSH RISER - (A)

ANGLED NOSING - (B)

ROUNDED NOSING - (C)

## STAIR NOSINGS

USEABLE TREAD WIDTH AND EX. OF ACCEPTABLE NOSINGS
(ADAAG 4.9.6 FIGURE 10)

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING

FOR THE FAIRFIELD COUNTY COMMISSIONERS 138 W. CHESTNUT ST., LANCASTER, OHIO


VPL ARCHITECTS
426 EAST MAIN STREET
LANCASTER, OHIO 43130
phone: (740) 654-4048
facsimile: (740) 654-3009



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COMMISSION
# L-1823

| ISSUE | MARK | DATE |
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| PERMIT | | 8-4-10 |

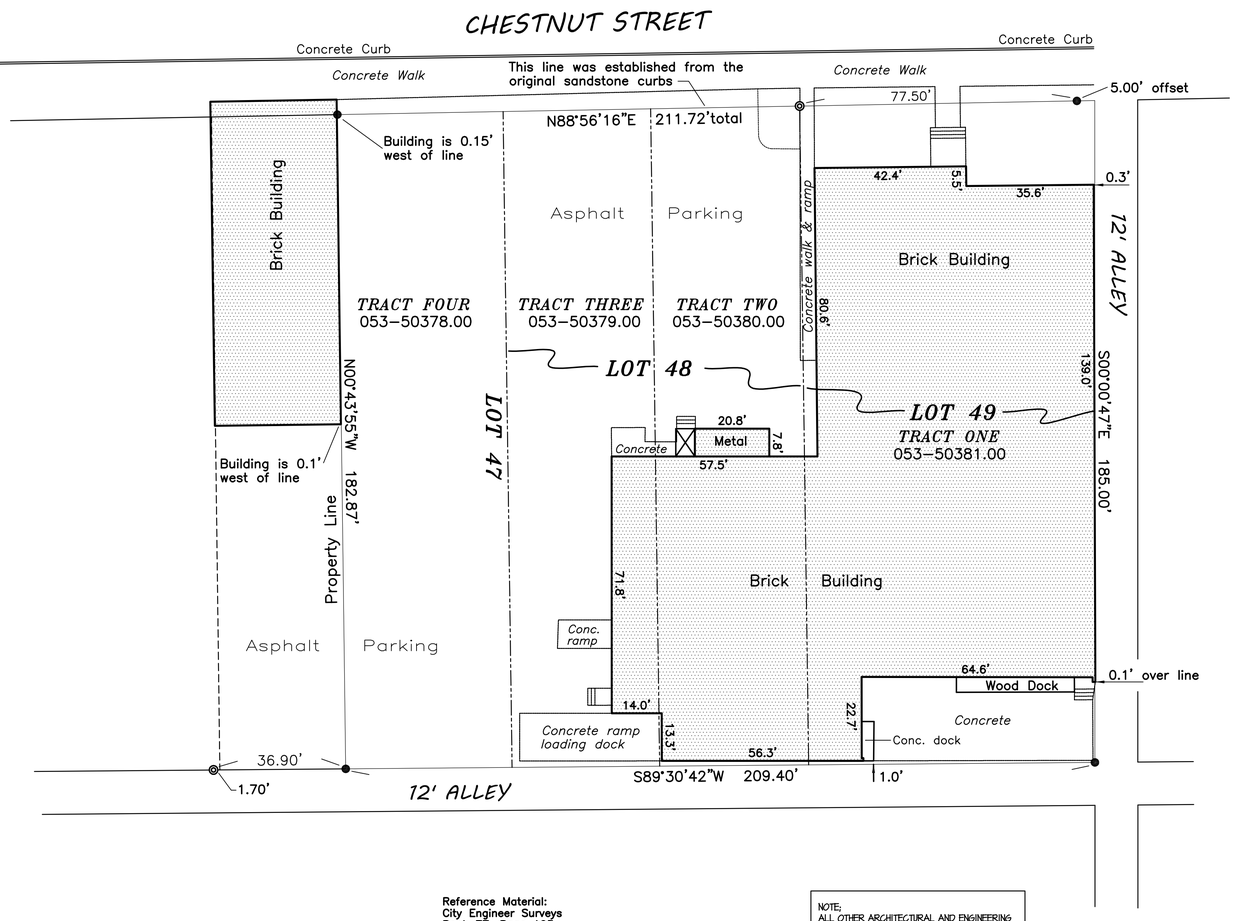
DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG
8546
REGISTERED ARCHITECT

**ADA COMPLIANT DETAILS AND GENERAL INFORMATION**

DRAWING NUMBER

**ADA**




**Reference Material:**
**City Engineer Surveys**
**Book 77, Page 103**
**Book 95, Page 74**
**Book 101, Page 161**
**Tobin-McFarland Survey May, 1989**

- 5/8"X 30" rebar set with a "Tobin-McFarland" ID cap.
- Axle found

NOTE;
ALL OTHER ARCHITECTURAL AND ENGINEERING PLANS IN THIS SET ARE ROTATED 180 DEGREES FROM THIS SITE SURVEY.

A
AØ.1
## EXISTING SITE SURVEY
1"=20'-0"

USB R2/2017/Eagle Gazette

STATE OF OHIO
FAIRFIELD COUNTY
CITY OF LANCASTER
ZANES ORIGINAL TOWN
PLAT BOOK 1, PAGE 2

**Deed Reference:**
**GANNETT GP MEDIA, INC.**
**OR 1693, Page 1731**

**Surveyed For: Commissioners of Fairfield County**
**Date of Drawing: May 2, 2017**

**TOBIN-McFARLAND SURVEYING INC.**
111 West Wheeling Street
Lancaster, Ohio 43130
Ph. 740-687-1710 Fax 740-687-0877

# CHESTNUT STREET RECORDS CENTER
# BUILDING AND SITE REMODELING
for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

VPL ARCHITECTS
426 EAST MAIN STREET
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L-1823

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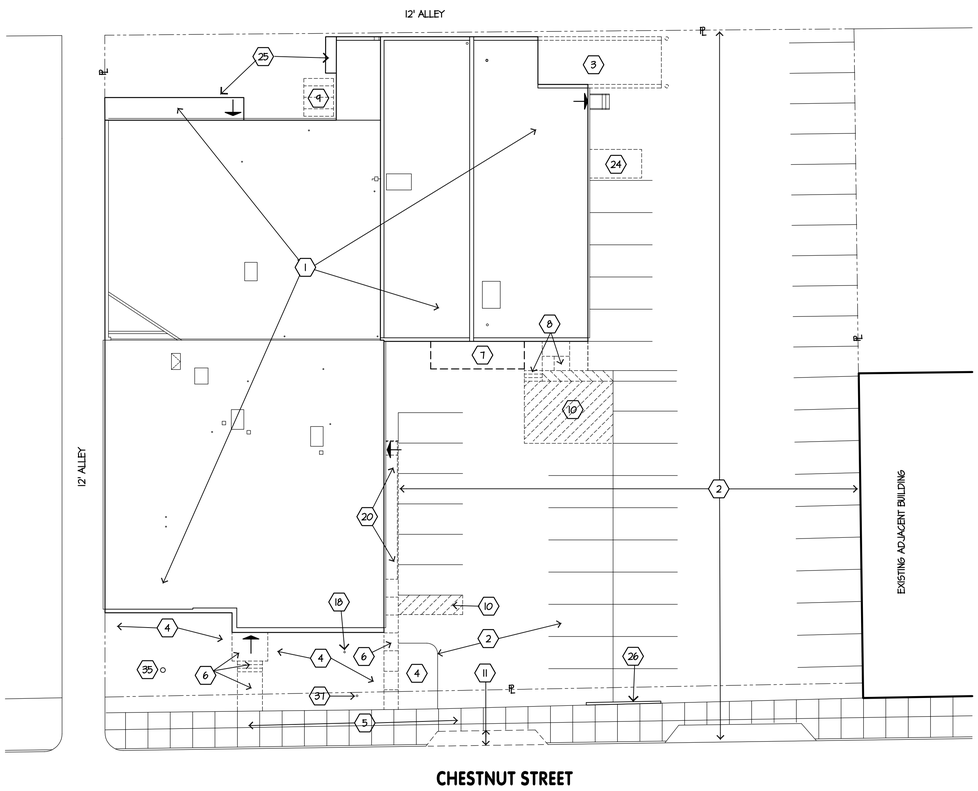
DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**EXISTING SITE SURVEY**

DRAWING NUMBER
**AØ.1**

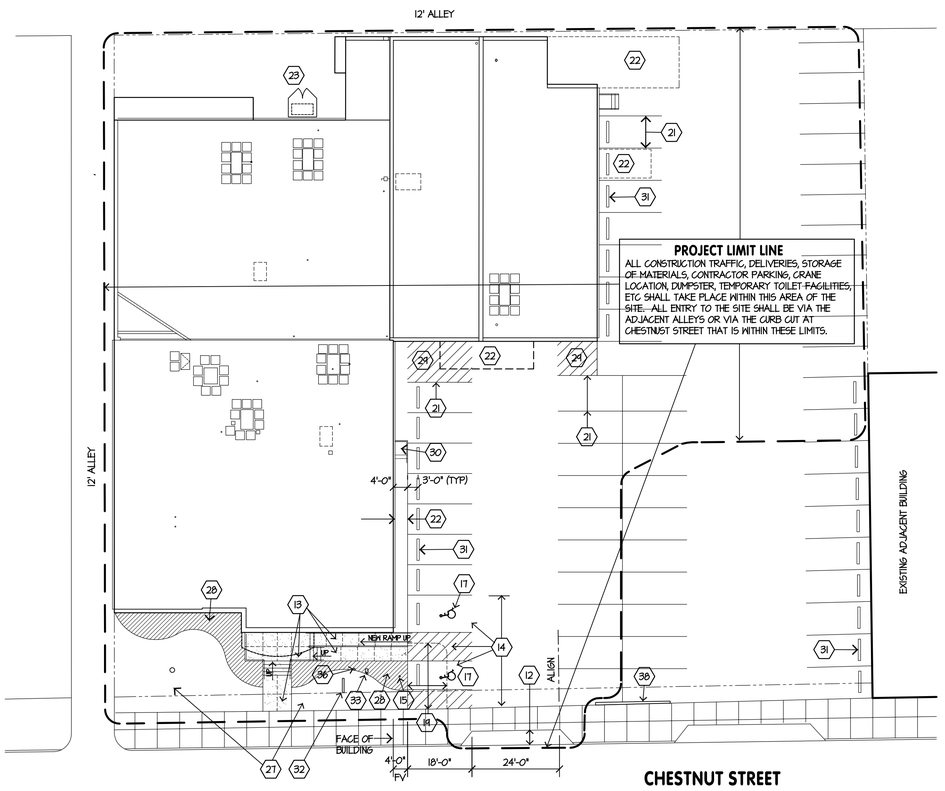



## 1 AØ.2 SITE DEMOLITION PLAN

1"=20'-0"

SITE AREA= 38,823 SF/ .891 ACRE
52 EXISTING PARKING SPACES

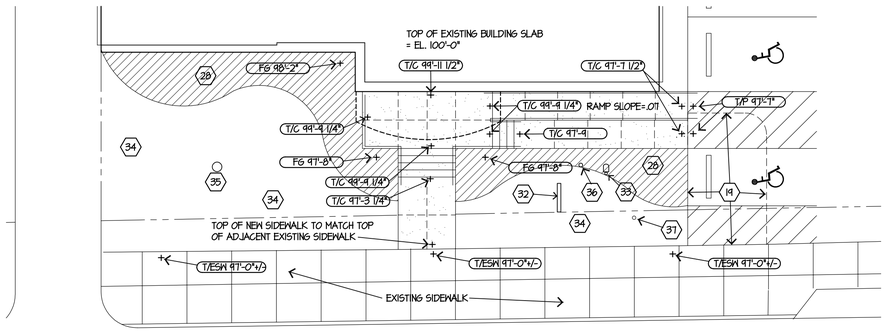
NOTE,
THIS SITE PLAN AND ALL OTHER ARCHITECTURAL AND ENGINEERING PLANS IN THIS SET ARE ROTATED 180 DEGREES FROM THE EXISTING SITE SURVEY ON SHEET A0.1.




## 2 AØ.2 PROPOSED SITE PLAN

1"=20'

SITE AREA= 38,823 SF/ .891 ACRE
58 PARKING SPACES

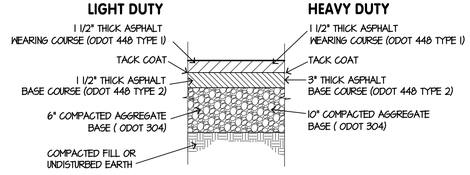



## 3 AØ.2 PARTIAL SITE GRADING PLAN

1"=10'-0"

T/C = TOP OF CONCRETE
T/P = TOP OF PAVING
FG = FINISH GRADE
T/ESW = TOP OF EXISTING SIDEWALK

NOTE: FIELD VERIFY ALL EXISTING GRADES AND PROPOSED GRADES PRIOR TO EXTERIOR CONSTRUCTION AT NORTH SIDE OF BUILDING. NOTIFY ARCHITECT OF ANY GRADE DISCREPENCIES OR ISSUES BEFORE PROCEEDING WITH THE WORK.

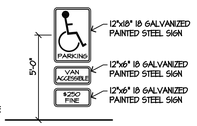



## 4 AØ.2 ASPHALT PAVING PROFILES

N.T.S.

NOTE:
ONE VAN - ACCESSIBLE SPACE IS REQUIRED PER EVERY 8 H.C. SPACES BUT NOT LESS THAN ONE, EXCEPT FOR HANDICAP PARKING IN CONFORMANCE WITH THE UNIVERSAL PARKING DESIGN.

NOTE:
"VAN ACCESSIBLE" SIGN IS NEEDED TO ALERT VAN USERS TO THE PRESENCE OF WIDER AISLE BUT THE SPACE IS NOT INTENDED TO BE RESTRICTED ONLY TO VAN USE




## HANDICAP PARKING SIGN

TYPICAL HANDICAP PARKING SIGN (ADAAG 4.6)

## CODED NOTES

1. EXISTING ROOF LAYOUT SHOWN. SEE ROOF PLAN FOR ADDITIONAL INFO.
2. EXISTING PAVED PARKING LOT, PARKING STRIPING, CURB CUT AND ENTRY APRON TO REMAIN UNLESS OTHERWISE SHOWN AND / OR NOTED.
3. REMOVE EXISTING DEPRESSED DOCK RAMP, RAILINGS, RETAINING WALLS AND FOUNDATIONS. FILL VOID WITH COMPACTED EARTH UP TO 4" BELOW TOP OF ADJACENT PAVING. FILL RESULTANT VOID WITH LIGHT DUTY ASPHALT PAVING, PROFILE PER 4/AO.2. ALIGN TOP OF NEW PAVING WITH ADJACENT EXISTING PAVING.
4. EXISTING LAWN AND LANDSCAPE AREA. REMOVE ALL EXISTING BUSHES AND TREES FROM THIS AREA.
5. EXISTING SIDEWALK TO REMAIN.
6. REMOVE EXISTING SIDEWALK AND/OR STEPS, RAILINGS, PORCH SLAB AND FOUNDATIONS. (SHOWN DOTTED). SEE DEMO PLAN.
7. EXISTING VESTIBULE STRUCTURE, SLAB AND FOUNDATIONS TO BE REMOVED - SHOWN DOTTED. SEE DEMO PLAN.
8. EXISTING CONCRETE LANDING, STEPS, RAMP AND FOUNDATIONS TO BE REMOVED. SEE DEMO PLAN.
9. REMOVE EXISTING WOOD SHED.
10. BLACKEN EXISTING STRIPING SHOWN DOTTED.
11. DEMO EXISTING CURB CUTS AND ENTRY APRON.
12. INSTALL NEW CONCRETE CURB CUT AND DRIVEWAY ENTRY APRON (PER CITY OF LANCASTER STANDARD DETAILS # P-20 AND P-23) UP TO EXISTING SIDEWALK. ALIGN WEST EDGE OF APRON WITH WEST EDGE OF EXISTING ENTRY RAMP. PATCH AFFECTED ADJACENT SIDEWALK TO MATCH EXISTING.
13. NEW PORCH, STEPS, SIDEWALKS AND ADA COMPLIANT RAMP - ALL SHOWN STIPPLED. SEE FLOOR PLAN. PROVIDE BROOM FINISH (ORIENTED PERPENDICULAR TO DIRECTION OF TRAVEL) ON ALL EXPOSED PORCH, SIDEWALK, STEPS AND RAMP SURFACES WITH TROWELED CONTROL JOINTS EVENLY SPACED (SHOWN DOTTED) AND TROWELED EDGES AT ALL PERIMETER EDGES OF SIDEWALK, RAMP AND PORCH. SAWCUT CONTROL JTS ARE NOT ACCEPTABLE.
14. RESTRIPE NEW PAVED AREA AND PORTION OF EXISTING PARKING LOT TO PROVIDE TWO NEW ADA PARKING SPACES (MINIMUM 8' WIDE X 18' LONG) AND FOR NEW 8' WIDE LOADING ZONE WITH DIAGONAL STRIPES AT 24" OC BETWEEN THE NEW ADA SPACES. ADD NEW DIAG STRIPES AT 24" OC AT PAVED AREA NORTH OF NEW ADA PARKING SPACES - ALL AS SHOWN. STRIPING LINE WIDTH AND COLOR TO MATCH EXISTING.
15. NEW POLE MOUNTED ADA VAN ACCESSIBLE SIGN IN YARD AREA 2' EAST OF NEW ADA PARKING SPACE. CENTER POLE ON PARKING SPACE. HOLD SIGN AT 5' ABOVE FINISH GRADE. SET POLE IN 8" DIA x 36" DEEP CONC PIER. SEE HANDICAP PARKING SIGN DETAIL THIS SHEET.
16. RELOCATE EXISTING WALL MOUNTED ADA PARKING SPACE SIGN TO BE MOUNTED TO BLDG WALL AT 5' ABOVE GRADE CENTERED ON NEW ADA PARKING SPACE.
17. STANDARD HANDICAPPED ACCESSIBLE SYMBOL PAINTED ON ASPHALT AT NEW ADA PARKING SPACE. COLOR AS SELECTED.
18. REMOVE EXISTING POST INDICATOR VALVE AND INSTALL NEW P.I.V. PER PLUMBING DWGS AT NEW LOCATION IN NEW PLANTING BED. PRIOR TO INSTALLATION, F.V. NEW LOCATION WITH ARCHITECT.
19. ADD LIGHT DUTY PAVING (PER DETAIL 4/AO.2) IN PORTION OF EXISTING LAWN AREA SHOWN DOTTED. ALIGN SOUTH AND WEST EDGES OF NEW PAVING WITH EXISTING PAVING; ALIGN NORTH EDGE WITH ADJACENT EXISTING SIDEWALK. HOLD MAX 1:48 SLOPE IN NEW PAVING PORTIONS OF NEW ADA PARKING SPACES AND STRIPED LOADING AREAS.
20. EXISTING CONC RAMP, LANDING AND PIPERAIL TO BE REMOVED.
21. NEW PARKING STRIPES TO ALIGN WITH AND MATCH EXISTING.
22. ADD NEW LIGHT DUTY PAVING (PER DETAIL 4/AO.2) IN DEMO'D AREA. ALIGN TOP OF NEW PAVING WITH ADJACENT EXISTING PAVING. SLOPE NEW PAVING AWAY FROM BUILDING.
23. OWNER TO INSTALL NEW 6' HIGH, OPAQUE DUMPSTER ENCLOSURE AND PARKING BLOCKS (ON EXISTING CONCRETE PAD) AS REQD FOR OWNER'S DUMPSTER.
24. EXISTING RAISED DOCK RAMP, RAILINGS, RETAINING WALLS AND FOUNDATIONS TO BE REMOVED.
25. EXISTING RAISED DOCK TO REMAIN. SEE FLOOR PLANS FOR ADDITIONAL INFO.
26. EXISTING BRICK GARDEN WALL TO REMAIN.
27. REGRADE ALL AFFECTED AREAS OF LAWN. SCARIFY GRADED AREAS TO REMOVE ALL RUBBLE AND ROCKS LARGER THAN 3/4". FINISH GRADE PER SITE GRADING PLANS, WITH MIN 4" DEPTH OF TOPSOIL. SEED AND STRAW GRADED AREA. WATER DAILY UNTIL VIABLE GROWTH OF GRASS IS ACCEPTABLE TO OWNER.
28. CONTRACTOR TO PROVIDE $5,000 DESIGN / BUILD ALLOWANCE IN HIS BID FOR LANDSCAPE DESIGN AND INSTALLATION (FOLLOWING OWNER'S APPROVAL OF DESIGN) IN SHADED AREAS OF LAWN. AT LOCATION WHERE LANDSCAPE AREA ABUTS EAST EDGE OF PARKING LOT, LANDSCAPING SHALL INCLUDE 36" TALL LIVE PLANTING THAT PROVIDES CONTINUOUS YEAR ROUND 75% OPACITY PARKING SCREENING PER LANCASTER ZONING CODE SECTION 1123.11.
29. PAINT DIAGONAL STRIPES ON PAVING AT 24" OC AS SHOWN.
30. NEW CONC STEPS, CONC LANDING AND PAINTED PIPERAIL AT EXISTING ENTRY DOOR. SEE FLOOR PLANS AND SECTIONS.
31. NEW 6' PRECAST CONC WHEEL STOPS WHERE SHOWN. TYP OF 26. DOWEL WHEEL STOPS TO PAVING - TWO DOWELS PER WHEELSTOP.
32. NEW GROUND MTD TWO FACED SIGN BY OWNER UNDER SEPARATE CONTRACT. CONTRACTOR TO F.V. LOCATION WITH ARCHITECT FOR INSTALLATION OF NEW SIGN LIGHTING UNDER THIS CONTRACT. SEE ELECT DWGS FOR NEW LIGHTS.
33. NEW POLE MTD AREA LIGHT. SEE FLOOR PLAN SHT A2.2 FOR LOCATION. SEE ELECT DWGS.
34. PROVIDE EVEN, GRADUAL SLOPE OF FINISH GRADE FROM ELEVATIONS SHOWN, DOWN TO MEET EXISTING ADJACENT PAVING AND SIDEWALK.
35. EXISTING FLAGPOLE TO REMAIN.
36. NEW POST INDICATOR VALVE.
37. EXISTING FIRE HYDRANT TO REMAIN.
38. EXISTING BRICK GARDEN WALL TO REMAIN.

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING

for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

VPL ARCHITECTS
426 EAST MAIN STREET
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L-1823

| ISSUE | MARK | DATE |
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| PRELIM | | 2-12-18 |
| REVIEW | | 5-31-18 |
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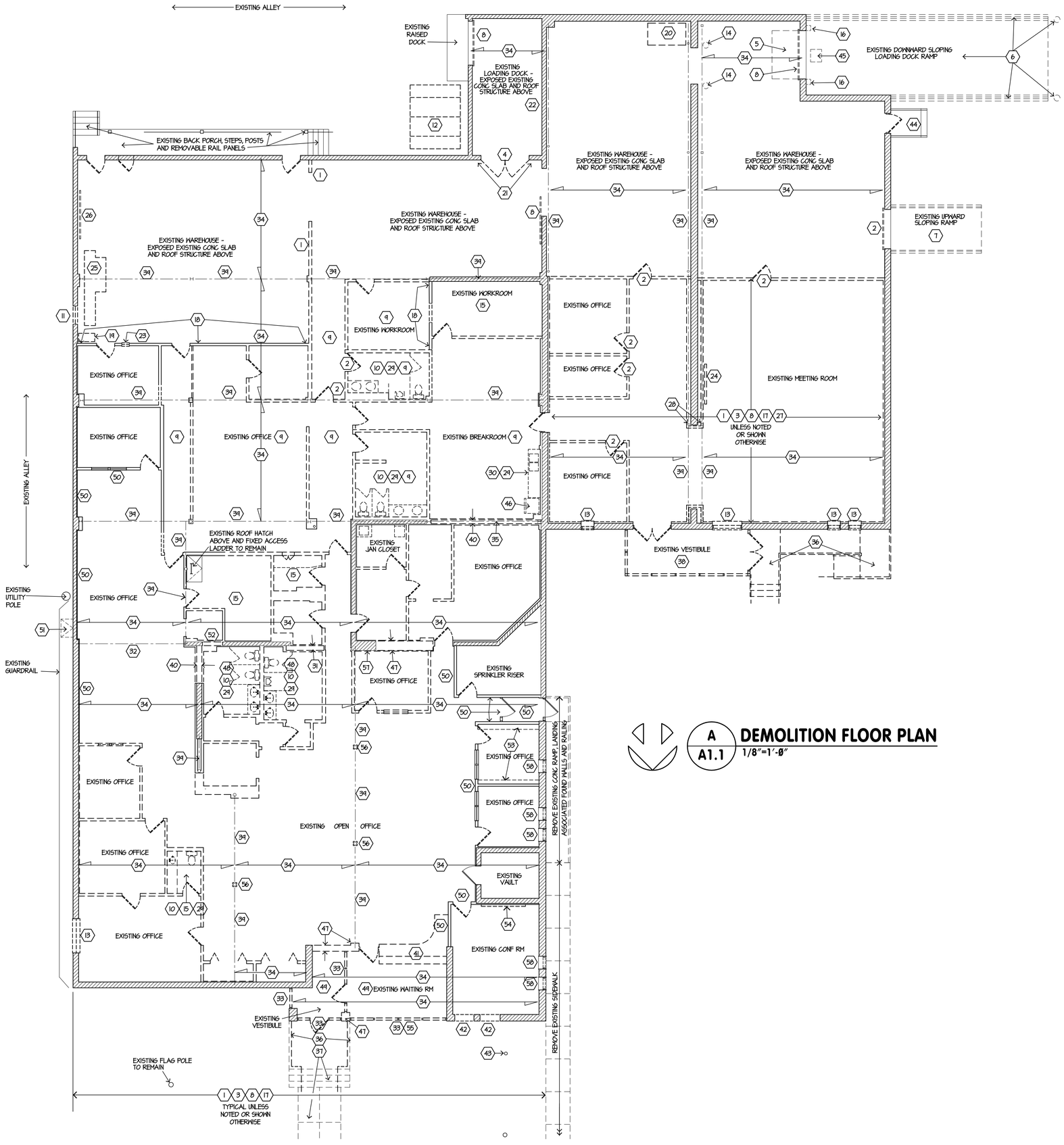
DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG
8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

SITE PLANS

DRAWING NUMBER
AØ.2




A1.1 **DEMOLITION FLOOR PLAN**
1/8"=1'-0"

## CODED NOTES

1. REMOVE EXISTING DRYWALL PARTITION WHERE SHOWN DOTTED.
2. REMOVE AND SALVAGE EXISTING DOOR (SHOWN DOTTED), FRAME (OR TRACK) AND HARDWARE. TURN OVER TO OWNER.
3. REMOVE EXISTING CARPET AND VINYL BASE IN THIS ROOM (UNLESS NOTED OTHERWISE). REMOVE ALL TRACES OF FLOORING ADHESIVE FROM EXISTING SLAB.
4. REMOVE EXISTING CHAIN LINK GATE AND POSTS.
5. REMOVE EXISTING DOCK LEVELER (SHOWN DOTTED).
6. REMOVE EXISTING RETAINING WALLS, RAILING, BOLLARDS RAMP PAVING, RETAINING WALL FOUNDATIONS, AND DOCK SHELTER AT EXISTING LOADING DOCK.
7. REMOVE EXISTING RAMP, PIPERAILS, SIDE WALLS, SIDE WALL FOUNDATIONS, AND INTERNAL FILL BELOW RAMP DOWN TO4" BELOW TOP OF ASPHALT.
8. REMOVE EXISTING ROLLING OR OVERHEAD DOOR, FRAME (OR TRACK) AND HARDWARE WHERE SHOWN DOTTED UNLESS OTHERWISE NOTED OR SHOWN.
9. REMOVE EXISTING VINYL COMPOSITION FLOOR TILE AND VINYL BASE THIS ROOM. REMOVE ALL TRACES OF FLOORING ADHESIVE.
10. REMOVE EXISTING TOILET STALL AND URINAL PARTITION WALLS, STALL DOORS, MIRRORS AND ALL OTHER RESTROOM ACCESSORIES.
11. REMOVE EXISTING EXHAUST FAN AND LOUVER.
12. REMOVE EXISTING WOOD SHED.
13. REMOVE EXISTING WINDOW, DRYWALL JAMBS AND HEAD, INTERIOR SILL AND EXTERIOR ROWLOCK SILL.
14. REMOVE EXISTING BOLLARD.
15. REMOVE EXISTING SHEET VINYL FLOORING AND VINYL BASE IN THIS ROOM. REMOVE ALL TRACES OF FLOORING ADHESIVE.
16. REMOVE EXISTING DOCK SHELTER.
17. REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING THIS ROOM (UNLESS OTHERWISE NOTED).
18. REMOVE EXISTING 4'x8' PLYWOOD WAINSCOT PANELS FROM FULL LENGTH OF EXISTING WALL. TURN OVER TO OWNER.
19. REMOVE EXISTING WOOD SHELVING.
20. REMOVE EXISTING STEEL FRAME (SUSPENDED FROM ROOF STRUCTURE)
21. REMOVE EXISTING WOOD BLOCKING FROM MASONRY WALL ADJACENT TO EXISTING MASONRY OPENING.
22. REMOVE WALL MOUNTED BRACKETS AND BLOCKING.
23. REMOVE EXISTING 15'x48" FIXED VISION PANEL AND TRIM.
24. SALVAGE EXISTING WHITE MARKER BOARD. STORE INSIDE BLDG PER OWNER'S INSTRUCTIONS.
25. SALVAGE ESISTING CONVEYOR AND WORK TABLE. STORE INSIDE BLDG PER OWNER'S INSTRUCTIONS.
26. SALVGAGE EXISTING 4'x8' TACKBOARD. STORE INSIDE BLDG PER OWNER'S INSTRUCTIONS.
27. REMOVE EXISTING FURING AND DRYWALL AT PERIMETER MASONRY WALL WHERE SHOWN DOTTED.
28. ASSUMED COLUMN LOCATION - F.V.
29. REMOVE EXISTING COUNTER.
30. SALVAGE EXISTING BASE CABINETS AND WALL CABINETS. TURN OVER TO OWNER.
31. REMOVE PORTION OF EXISTING NON-LOAD BEARING CONCRETE BLOCK WALL (FULL HEIGHT) DOWN TO 8" BELOW TOP OF EXISTING FLOOR SLAB WHERE SHOWN DOTTED.
32. EXISTING STEEL LINTEL AT 10'-1" AFF WITH EXISTING NON-LOAD BEARING MASONRY WALL ABOVE TO REMAIN.
33. REMOVE EXISTING STOREFRONT WINDOWS AND FRAMES.
34. DIRECTION OF EXISTING ROOF JOISTS.
35. EXISTING ROOF LOAD-BEARING STEEL BEAM TO BE REMOVED AND REPLACED AS SHOWN ELSEWHERE. PROVIDE SHORING FOR ROOF STRUCTURE AS REQUIRED UNTIL NEW STRUCTURAL WORK IS UNDERTAKEN HERE PER THESE DRAWINGS.
36. REMOVE EXISTING CONCRETE PORCH, STEPS, RAMP (IF APPLICABLE), FOUNDATION WALLS, FOOTINGS AND RAILINGS.
37. REMOVE EXISTING CONCRETE SIDEWALK BETWEEN PORCH TO EXISTING SIDEWALK AT STREET. SIDEWALK ADJACENT TO STREET IS TO REMAIN.
38. REMOVE EXISTING VESIBULE STRUCTURE, FOUNDATIONS, STOREFRONT, SLAB, DOORS AND ROOF.
39. EXISTING ROOF STRUCTURE BEAM TO REMAIN.
40. REMOVE FULL-HEIGHT PORTION OF EXISTING LOAD-BEARING MASONRY WALL (DOWN TO 8" BELOW CONCRETE FLOOR SLAB) WHERE SHOWN DOTTED. PROVIDE SHORING FOR ROOF STRUCTURE AS REQUIRED UNTIL NEW STRUCTURAL WORK IS UNDERTAKEN HERE PER THESE DRAWINGS.
41. REMOVE EXISTING COUNTER AND GATE.
42. SAWCUT AND REMOVE PORTION OF EXISTING MASONRY WALL (SHOWN DOTTED) FOR NEW WINDOW MASONRY OPENING. NO OVERCUTS. ALL INTERIOR BRICK IS TO REMAIN EXPOSED AFTER CONSTRUCTION - DO NOT DISLODGE OR DAMAGE ANY EXISTING INTERIOR MORTAR OR BRICK. ALL DEMO WORK FOR INSTALLATION OF NEW M.O. LINTELS IS TO BE UNDERTAKEN AT THE EXTERIOR AND MIDDLE WYTHES.
43. REPLACE EXISTING POST INDICATOR VALVE PER ENGINEERING DRAWINGS.
44. EXISTING CONC STOOP, STEPS AND PIPERAILS TO REMAIN.
45. EXISTING CATCH BASIN - SEE PLUMBING DWGS.
46. TURN EXISTING REFRIGERATOR OVER TO OWNER.
47. REMOVE EXISTING BRICK WALL AND/OR PIER - FULL HEIGHT WHERE SHOWN DOTTED. PROVIDE TEMPORARY SHORING WHERE LOAD BEARING. SALVAGE EXISTING BRICK FOR REINSTALLATION WHERE NEEDED AT NEW M.O. JAMBS AS DETAILED. PROVIDE TEMPORARY SHORING AT ROOF STRUCTURE AS REQD.
48. REMOVE EXISTING CERAMIC TILE FLOORING AND BASE THIS ROOM. REMOVE ALL TRACES OF FLOORING ADHESIVE / GROUT.
49. REMOVE EXISTING QUARRY TILE FLOORING THIS ROOM. REMOVE ALL TRACES OF FLOORING ADHESIVE / GROUT.
50. REMOVE EXISTING WALLPAPER FROM THIS WALL.
51. EXISTING CRAWL SPACE ACCESS HATCH COVER PLATE TO REMAIN.
52. REMOVE PORTION OF EXISTING MASONRY WALL FOR NEW DOOR M.O. AND LINTEL.
53. REMOVE EXISTING WOOD SHELVING.
54. REMOVE EXISTING MARKER BOARD.
55. REMOVE PORTION OF EXISTING MASONRY WALL BELOW AND ABOVE EXISTING STOREFRONT TO FORM NEW M.O. FOR NEW STOREFRONT ENTRY PER FLOOR PLANS, ELEVATIONS AND AS SHOWN ON SECTION A/A4.4. PROVIDE SHORING AS REQD UNTIL NEW LINTEL IS INSTALLED PER STRUCTURAL DWGS.
56. REMOVE DRYWALL ENCLOSURE AND FRAMING AT EXISTING COLUMN.
57. REMOVE FURRED DRYWALL FROM FACE OF MASONRY WALL.
58. REMOVE EXISTING WINDOW.

## DEMO PLAN GENERAL NOTES

A. ALL SELECTIVE DEMOLITION OF ALL ITEMS SCHEDULED FOR DEMOLITION IS TO BE CONDUCTED SO AS TO RESULT IN MINIMAL DAMAGE TO ADJACENT MATERIALS THAT ARE TO REMAIN. UNLESS NOTED OTHERWISE, ALL DEMOLITION OF PORTIONS OF EXISTING MASONRY WALLS, PAVING OR CONCRETE MATERIALS IS TO TERMINATE IN A STRAIGHT AND TRUE SAWCUT; WITH MINIMAL, IF ANY, OVERCUT.

B. PLAN ITEMS SHOWN WITH DOTTED LINES ARE EXISTING TO BE REMOVED AND DISPOSED OF OFF SITE, UNLESS OTHERWISE NOTED. DOORS SHOWN DOTTED INDICATES DOOR, DOOR FRAME AND HARDWARE ARE ALL TO BE REMOVED, UNLESS NOTED OTHERWISE.

C. PLAN ITEMS SHOWN WITH SOLID LINES ARE EXISTING TO REMAIN, WITH POTENTIAL MODIFICATIONS AS NOTED ON THIS PLAN OR ELSEWHERE IN THESE DRAWINGS.

D. WHERE A PORTION OF A WALL IS SHOWN TO BE DEMO'D (DOTTED) AND A PORTION IS SHOWN TO REMAIN (SOLID), REFER TO FLOOR PLAN ON SHEET A2.2 TO DETERMINE EXTENT OF WALL THAT IS TO REMAIN.

E. EXISTING MASONRY WALLS (OR PORTIONS THEREOF) THAT ARE SHOWN WITH MASONRY HATCH ARE TO REMAIN.

F. CONTRACTOR IS TO SALVAGE ALL EXISTING WALL MOUNTED FIRE EXTINGUISHERS AND BRACKETS WITHIN THE BUILDING (FE'S ARE NOT SHOWN ON DEMO PLAN) AND SHALL TURN THEM OVER TO THE OWNER. CONTRACTOR IS TO REINSTALL FOUR OF THE EXISTING FUNCTIONAL 10# ABC FIRE EXTINGUISHERS AND BRACKETS AT NEW LOCATIONS SHOWN ON FLOOR PLAN.

G. SEE EXTERIOR ELEVATIONS, ROOF PLAN AND PLUMBING, HVAC, ELECTRICAL AND SPRINKLER ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION WORK NOT SHOWN ON THIS DRAWING.

H. NO ORIGINAL CONSTRUCTION DRAWINGS FOR THIS BUILDING WERE AVAILABLE FOR THIS PROJECT. ALL DRAWINGS IN THIS SET THAT ILLUSTRATE EXISTING CONDITIONS WERE CONSTRUCTED FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING LOAD BEARING CONDITIONS PRIOR TO DEMOLITION AND TO NOTIFY ARCHITECT OF ANY STRUCTURAL CONDITIONS THAT ARE CONTRARY TO THIS DRAWING OR THAT MAY BE COMPROMISED DUE TO DEMOLITION THAT IS CALLED FOR HEREIN.

I. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING MEANS AND METHODS THAT WILL BE NEEDED DURING DEMOLITION.

J. CONTRACTOR TO DISPOSE OF ALL PORTABLE FURNISHINGS REMAINING IN BUILDING.

# CHESTNUT STREET RECORDS CENTER
# BUILDING AND SITE REMODELING
for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

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| PERMIT | | 8-4-18 |

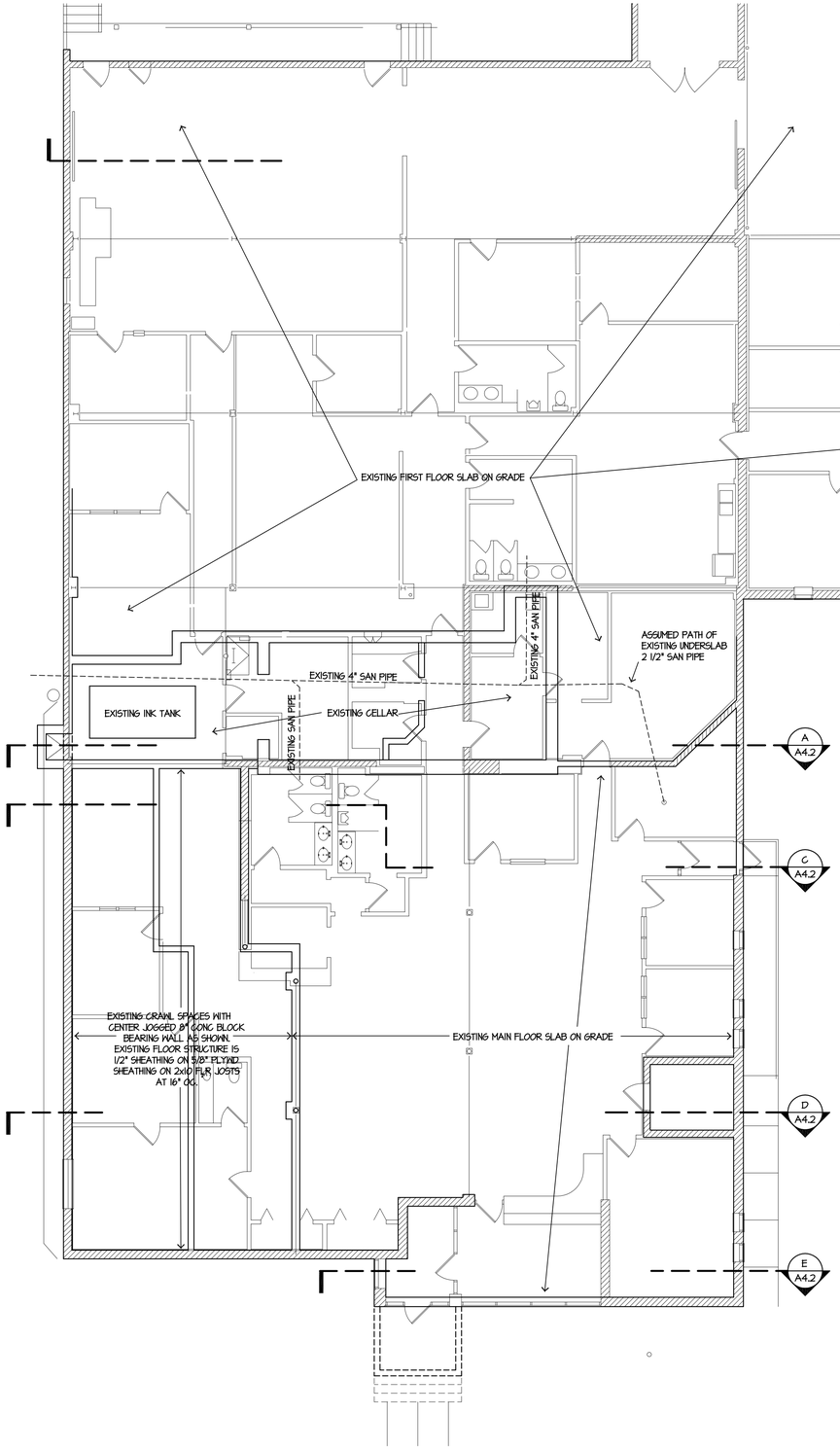
DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**SELECTIVE DEMOLITION PLAN**

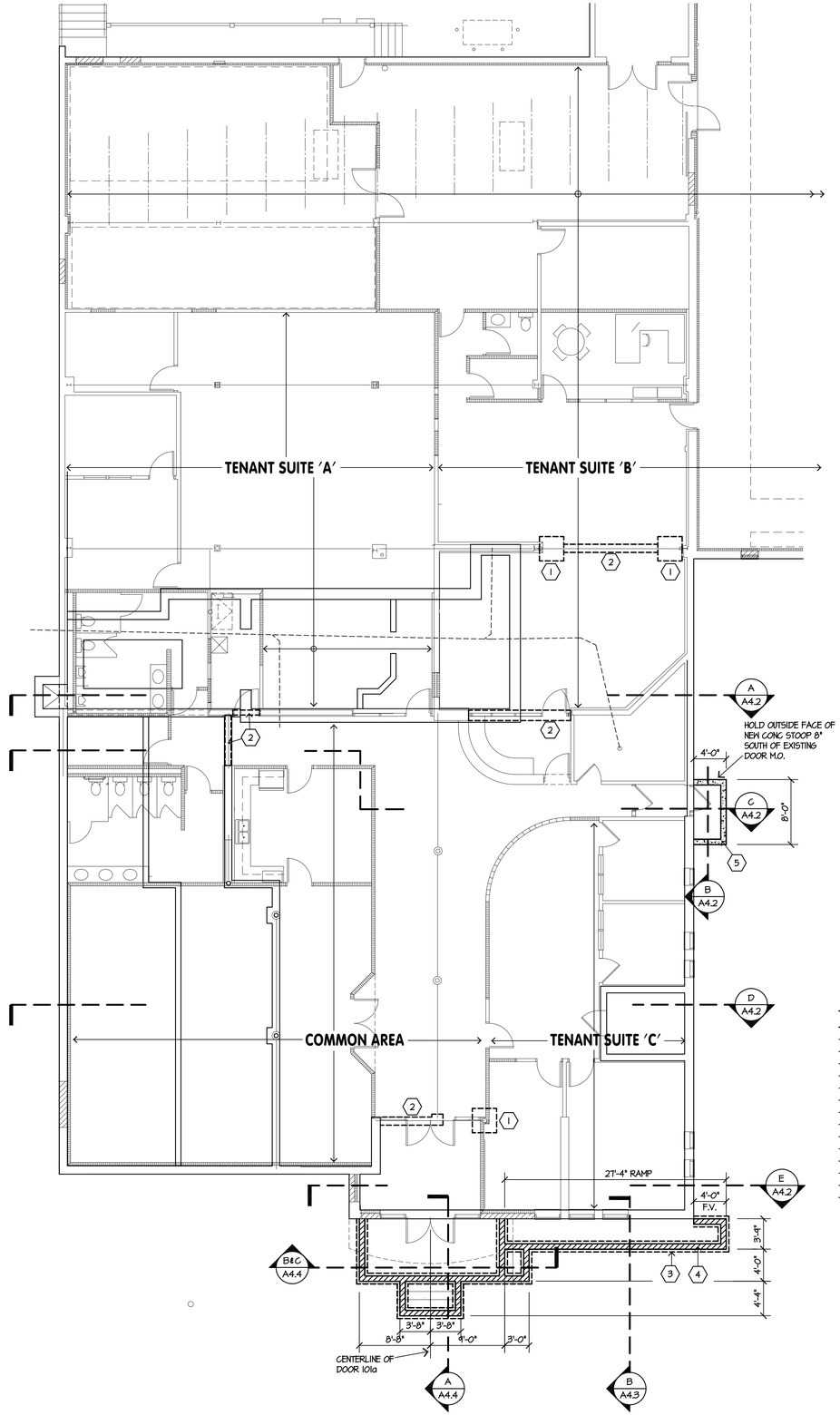
DRAWING NUMBER
**A1.1**




## CODED NOTES

1. SAWCUT EXISTING SLAB ON GRADE AS REQD TO INSTALL NEW FOOTING PAD FOR NEW COLUMN. SEE STRUCT DWGS. AFTER INSTALLATION OF NEW COLUMN, POUR NEW CONC SLAB WITH 6x6 W1.4xW1.4 WWF. ALIGN TOP OF NEW SLAB WITH EXISTING. PROVIDE 12" LONG #4 DOWELS (MIN 2 PER SIDE OF POUR) EPOXY GROUTED 6" INTO EXISTING SLAB.
2. INFILL GAP IN EXISTING SLAB WITH NEW CONC SLAB (WHERE EXISTING MASONRY WALL IS NOTED ELSEWHERE TO BE DEMOD). DOWEL NEW TO EXISTING.
3. NEW 8'x16" CONC FOOTING W (2) # 5 REBAR CONT. SET ON UNDISTURBED EARTH OR COMPACTED FILL. BOTTOM OF FTG AT EL 94'-7". TYP AT ALL NEW FTGS AT NORTH SIDE OF BUILDING.
4. NEW 8" CONC BLOCK FOUNDATION WALL WITH CONT HORIZ JT REINF EVERY OTHER COURSE. TYP AT ALL NEW FOUND WALLS AT NEW PORCH AND RAMP AT NORTH SIDE OF BUILDING.
5. NEW 8" WIDE TURN DOWN FROST FOOTING AT NEW ENTRY LANDING AND STEPS. BOTTOM OF FOOTING MIN 36" BELOW FINISH GRADE. REINFORCE AS SHOWN ON SECTIONS B&C/A4.2.

NOTE:
FOR CONSTRUCTION PURPOSES, TOP OF EXISTING FLOOR SLAB IS ASSUMED TO BE AT ELEVATION 100'-0"

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STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

CELLAR AND FOUNDATION PLANS

DRAWING NUMBER
A2.1

A A2.1 — EXISTING MAIN FLOOR PLAN WITH EXISTING CELLAR STRUCTURAL PLAN
1/8"=1'-0"

B A2.1 — PROPOSED MAIN FLOOR PLAN WITH EXISTING CELLAR AND PROPOSED FOUNDATION PLAN
1/8"=1'-0"

# DOOR SCHEDULE

NOTE: COORD WITH ELECTRICAL DWGS FOR ANY ADDITIONAL ELECTRIFIED LOCK-RELATED WIRING AND / OR DOOR AND FRAME PREP THAT IS NOT NOTED HERE THAT MAY BE REQ'D.

| DOOR NUMBER | DOOR TYPE | DOOR SIZE | DOOR THICKNESS | DOOR FINISH | FRAME WIDTH | FRAME TYPE | FRAME FINISH | JAMB DETAIL ON SHEET A2.3 UNO | HEAD DETAIL ON SHEET A2.3 UNO | GLASS TYPE SEE SCHEDULE BELOW | CLOSER(S) | THRESHOLD A.D.A. COMPLIANT | INSULATED CORE | WEATHERSTRIP'G | DOOR SWEEP(S) | OVERHEAD STOP(S) | BASE STOP(S) | WALL STOP(S) | FLOOR STOP(S) | ELECTRIFIED PANIC HDWR & HINGES WITH FOB READER AND CONCEALED RODS | PUSHBAR & PULL | A.D.A. LEVER | PUSH & PULL | DEADBOLT | SIGNAGE (ADA COMPLIANT GRAPHICS, BRAILLE AND TEXT) | LOCKSET FUNCTION | ELECTRIFIED STRIKE LOCK WITH FOB READER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101a | NDALFG | 6070 | 1 3/4 | PF | 4 1/2 | NAL | PF | H&J A2.5 | A A4.4 | A,B | ●● | ● | ● | ● | ● | ●● | | | | ●● | | ●● | | | | | | 7, 9, 11, 12 |
| 101b | NDALFG | 6070 | 1 3/4 | PF | 4 1/2 | NAL | PF | C&D A2.5 | | B | ●● | | | ● | ● | | | | ●● | | ●● | | | | ●#1 | | | 9, 12 |
| 102 | NWDNG | 3068 | 1 3/4 | ST | 5 7/8 | NHM | P | B8A | B8A | B | | | | | | | ● | | | | | ● | | | | F75 | | |
| 103 | NWDNG | 3068 | 1 3/4 | ST | FV | NHM | P | B8A | B8A | B | | | | | | | ● | | | | | ● | | | | F75 | | 1 |
| 104 | NFHM | 3070 | 1 3/4 | P | 5 3/4 | NHM | P | B1 | B1 | | ● | ● | ● | ● | ● | | | | ● | | | ● | | ● | ●#1 | F89 | | 1, 4, 8 |
| 107 | NOH | 80100 | 1 3/4 | PF | | | | | | | | | ● | ● | ● | | | | | | | | | | | | | 1 |
| 108a | NDEG HMHG | 6070 | 1 3/4 | P | 5 3/4 | NHM | P | B5 | B5 | B | ●● | | ●● | ●● | ●● | ●● | | | | | | | ●● | | | | | 6 |
| 108b | NHMHG | 3068 | 1 3/4 | P | 5 3/4 | NHM | P | B2 | B2 | A,B | ● | ● | ● | ● | ● | | | ● | | | | ● | | | ●#1 | F88 | ● | 1, 5, 7, 10 |
| 108c | NDFHM | 6070 | 1 3/4 | P | 5 7/8 | NHM | P | B3/B4 | B4 | | ●● | | ●● | ●● | ●● | | | | | | | | ●● | | | F75 | | |
| 109 | NFHM | 3070 | 1 3/4 | P | FV | NHM | P | B4 | B4 | | ● | | ● | ● | ● | | | | | | | ● | | | | F84 | ● | 5, 7, 10 |
| 110 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B4/B7 | B4 | | ● | | | ● | ● | | | ● | | | | ● | | | | F91 | | |
| 111 | NDEG HMHG | 6070 | 1 3/4 | P | 5 7/8 | NHM | P | B4 SIM | B4 SIM | B | ●● | | ●● | ●● | ●● | ●● | | | | | | | ●● | | | | | 6 |
| 112 | NFWD | 3070 | 1 3/4 | ST | FV | NHM | P | B4/B6 | B4 | | | | | | | | ● | | | | | ● | | | | F75 | | |
| 113 | NFWD | 3070 | 1 3/4 | ST | FV | NHM | P | B4 | B4 | | | | | | | | ● | | | | | ● | | | | F75 | | 3 |
| 114 | NFWD | 3070 | 1 3/4 | ST | FV | NHM | P | B4/B6 | B4 | | | | | | | | | ● | | | | ● | | | | F75 | | |
| 118 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B4/B7 | B4 | | | | | | | | | ● | | | | ● | | | | F75 | | |
| 119 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B4/B7 | B4 | | | | | | | | ● | | | | | ● | | | ●#3 | F82 | | |
| 120 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B2 SIM | B2 SIM | | ● | | | ● | ● | | | ● | | | | ● | | | | F91 | | |
| 121 | NWDFG | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B8B | B8B | B | ● | | | | | ● | | | | | | ● | | | ●#3 | F84 | ● | 5, 7, 10 |
| 122 | NWDFG | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B8B | B8B | B | ● | | | | | | ● | | | | | ● | | | ●#3 | F84 | ● | 5, 7, 10 |
| 123 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | | | | | | | | | | ● | | | | | ● | | | ●#3 | F84 | ● | 5, 7, 10 |
| 124 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B4/B6 | B4 | | ● | | | | | | | ● | | | | | ● | | ●#4 | | | UNDERCUT DOOR 1/2" |
| 126 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B4/B6 | B4 | | | | | ● | | | | ● | | | | ● | | | ●#3 | F84 | ● | 5, 7, 10 |
| 128 | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B4/B6 | B4 | | ● | | | | | | | ● | | | | | ● | | ●#4 | | | UNDERCUT DOOR 1/2" |
| 130a | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B4 | B4 | | ● | | | | | ● | | | | | | ● | | | ●#3 | F75 | | |
| 130b | NFWD | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B8B | B8B | | ● | | | | | ● | | | | | | ● | | | ●#3 | F91 | | |
| 131 | NFWD | 3030 | 1 3/4 | ST | 5 7/8 | NHM | P | | | | | | | | | | | ● | | | | ● | | | | F75 | | PROVIDE HINGE CLOSERS |
| 132 | NFWD | 3068 | 1 3/4 | ST | FV | NHM | P | B8B | B8B | | ● | | | | | | | E | | | | ● | | | ●#3 | F84 | | |
| 133a | EALFG | E | E | E | E | EAL | E | | B9 | E | ● | | | ● | ● | | | E | | | E | | | | ●#1 | | | 2 |
| 133b | EALFG | E | E | E | E | EAL | E | | B10 | E | ● | ● | ● | ● | ● | ● | | | | ● | | ● | | | | | ● | 7, 11 |
| 135 | NWD | 3068 | 1 3/4 | ST | FV | NWM | P | B8A | B8A | | | | | | | | ● | | | | | ● | | | | F75 | | |
| 136 | NWD | 3068 | 1 3/4 | ST | FV | NHM | P | B8A | B8A | | | | | | | | ● | | | | | ● | | | | F75 | | |
| 137 | ESTL | 3668 | E | PE | E | ESTL | PE | | | | | | | | | | | | | | | | | | | | | |
| 138 | NWDFG | 3070 | 1 3/4 | ST | 5 7/8 | NHM | P | B8A | B8A | B | ● | | | | | | | | ● | | | ● | | | ●#3 | F84 | ● | 5, 7, 10 |
| 140 | NDWDNG | 6070 | 1 3/4 | ST | 5 7/8 | NHM | P | B8A | B8A | B | ●● | | | | | | | ●● | | ●● | | ●● | | | ●#3 | | | 7, 11 |

## GENERAL DOOR NOTES

1. CONTRACTOR TO BID HARDWARE FINISH US26D/626-652, SATIN CHROME.
2. LEVERS TO BE SCHLAGE MERANO SERIES, OR APPROVED EQUAL.
3. ALL UN-NUMBERED DOORS ON PLANS ARE EXISTING DOORS THAT ARE TO REMAIN UNCHANGED (UNLESS NOTED OTHERWISE).
4. CONTR TO PROVIDE BLOCKING AS REQD AT WALL STOP LOCATIONS IN DRYWALL PARTITIONS.
5. SEE SPECS FOR ADDITIONAL INFO.
6. ALL SCHEDULED SIGNAGE IS TO BE MOUNTED AT 60" AFF TO CENTERLINE OF SIGN, EITHER ON THE WALL DIRECTLY ADJACENT TO THE DOOR OR AT THE CENTERLINE OF THE DOOR PER ADAAG 4.30.
7. SECURITY ACCESS DRAWINGS WILL BE SUBMITTED TO PERMITTING AUTHORITIES BY OTHERS. ALL EGRESS DOORS SHALL PROVIDE FREE EGRESS AT ALL TIMES.

## SIGNAGE TYPES

#1. EXIT
#2. NOT USED
#3. ROOM NUMBER AND ROOM NAME
#4. MEN (OR WOMEN) RESTROOM

## GLASS TYPES

A. INSULATING, LOW 'E', TINTED. COLOR AS SELECTED.
B. CLEAR LAMINATED SAFETY GLAZING IN ALL GLASS PANELS IN DOORS AND DOOR SIDELIGHTS WITHIN 24" OF DOOR JAMB. SINGLE PANE 1/4" GLAZING AT ALL OTHER INTERIOR GLAZING LOCATIONS.

## DOOR SCHEDULE NOTES

1 EXISTING DOOR, HARDWARE AND FRAME TO BE REMOVED; NEW DOOR, HARDWARE AND FRAME TO BE INSTALLED IN EXISTING M.O. OR R.O. CONTR TO FIELD VERIFY EXISTING OPENING SIZE, WALL WIDTH AND OTHER CONDITIONS PRIOR TO ORDERING NEW MATERIALS.
2 REMOVE EXISTING MAG LOCK, DIGITAL ENTRY PAD AND FOB READER. INSTALL ALUM COVER PLATES OVER RESULTANT HOLES IN DOOR OR FRAME. (PREFINISHED TO MATCH EXISTING)
3 REMOVE EXISTING WALL STOP. PATCH EXISTING WALL TO MATCH EXISTING.
4 HOLLOW METAL FRAME TO HAVE 2" JAMBS AND 4" HEAD.
5 PROVIDE VON DUPRIN 6200 SERIES ELECTRIC STRIKE (OR APPROVED EQUAL)
6 PROVIDE 36" TALL x 34" WIDE ARMOR PLATE - LOWER HALF OF BOTH SIDES BOTH LEAFS
7 E.C. TO WIRE FROM CONTROL PANEL IN ROOM 126 AND / OR FROM POWER TO DOOR POSITION SWITCH, ELECTRIFIED HARDWARE AND FOB READER - SEE ELECT DWGS.
8 DOOR TO BE EXIT ONLY. PROVIDE INTERIOR LEVER ONLY. NO EXTERIOR LEVER.
9 DOOR FRAME TO INCL INTEGRAL SIDELITE(S) AND/OR TRANSOM. SEE SHEETS A4.2 AND A5.1.
10 SCHLAGE L9080EU 93N MORTISE LOCK WITH 4.5"x4.5" ELECTRIC TRANSFER HINGE.
11 VON DUPRIN POWER SUPPLY 873-2 TO DOOR OPENING; VON DUPRIN EXIT DEVICE 9927 EL AND ELECT TRANSFER HINGE EPT-10 AT EA DOOR LEAF.
12 PROVIDE ADA OPERATOR AT EAST LEAF - STD DUTY AT DR 101b, HEAVY DUTY AT DR 101a. SEE PLAN FOR PUSH BUTTON LOCATIONS. INTERFACE CONTROLS W ACCESS CONTROL SYSTEM.

## DOOR SCHEDULE ABBREVIATIONS

ALFG ALUMINUM FULL GLASS
D DOUBLE
DEG DOUBLE EGRESS (NO ASTRAGAL)
E EXISTING TO REMAIN
FV CONTR TO FIELD VERIFY TO FIT EXISTING CONDITIONS
FWD FLUSH SOLID CORE WOOD
FHM FLUSH HOLLOW METAL
HMNG HOLLOW METAL WITH 10x30 VERT SAFETY GLASS PANEL AT LEVER SIDE OF DOOR
HMHG HOLLOW METAL WITH 24x30 SAFETY GLASS PANEL AT TOP HALF
L LAMINATED SAFETY GLASS
N NEW
P PAINT
PF PREFINISHED (COLOR AS SELECTED BY OWNER FROM MFR'S STD COLOR RANGE
OH OVER HEAD
REME REMOVE EXISTING
RP REPAINT
SG SAFETY GLASS
ST STAINED
STL STEEL
WDNG SOLID CORE WOOD WITH 10x30 VERT SAFETY GLASS PANEL AT LEVER SIDE OF DOOR
WDFG SOLID CORE WOOD WITH FULL SAFETY GLASS PANEL
F75 PASSAGE SET
F82 PUSHING INSIDE BUTTON LOCKS OUTSIDE LEVER, REQR'S USE OF KEY OR ROTATING INSIDE LEVER TO UNLOCK.
F84 OUTSIDE LEVER LOCKED AND UNLOCKED WITH KEY, INSIDE LEVER ALWAYS UNLOCKED.
F88 OUTSIDE LEVER UNLOCKED BY KEY WHEN OUTSIDE LEVER IS LOCKED BY KEY IN INSIDE LEVER. INSIDE LEVER ALWAYS UNLOCKED.
F89 DOOR IS UNLOCKED ONLY BY TURNING INSIDE LEVER. OUTSIDE LEVER ALWAYS FIXED.
F91 KEY IN EITHER LEVER LOCKS OR UNLOCKS BOTH LEVERS.

# ROOM FINISH SCHEDULE

| ROOM NUMBER | ROOM NAME | FLOOR MATERIAL | BASE MATERIAL | WALL MATERIAL NORTH | EAST | SOUTH | WEST | CEILING MATERIAL | CEILING HEIGHT | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 101 | AIR LOCK | VWDP | NVB | NDWP / EBRP | NDWP / EBRP | NDWP | NDWP | SAP-2 | 9'-8" | 3,5 |
| 102 | OFFICE | CPTSQ | NVB | NDWP | NDWP | NDWP | EBRP | SAP-1 | 9'-0" | 2 |
| 103 | CONFERENCE | CPTSQ | NVB | NDWP | NDWP | EDWP | EDWP | SAP-2 | 9'-0" | 4 |
| 104 | STORAGE | ECCS | NVB | NDWP | EBRP | NDWP | NDWP | ERSP | VARIES | 2,6 |
| 105 | STORAGE | ECCS | NVB | EDWP | NDWP | NDWP | EBRP | ERSP | VARIES | 2,6 |
| 106 | STORAGE | ECCS | NVB | | ECBP | NDWP | NDWP | ERSP | VARIES | 2,6 |
| 107 | RECEIVING | ECCS | NVB | ECBP / NDWP | ECBP | ECBP | ECBP | ERSP | VARIES | 1,2,6 |
| 108 | WORKROOM | ECCS | NVB | ECBP / NDWP | NDWP | NDWP | EBRP | ERSP | VARIES | 2,6 |
| 109 | EVIDENCE | ECCS | NVB | NDWP | EDWP | ECBP | ECBP | ERSP | VARIES | 2,6 |
| 110 | WORKROOM | ECCS | NVB | NDWP | NDWP | | EDWP | ERSP | VARIES | 2,6 |
| 111 | WORKROOM | ECCS | NVB | EDWP | NDWP | NDWP | EDWP | ERSP | VARIES | 2,6 |
| 112 | OFFICE | CPTSQ | NVB | EDWP | EDWP | EDWP | EDWP | SAP-1 | 9'-0" | 5 |
| 113 | OFFICE | CPTSQ | NVB | EDWP | EDWP | EDWP | EDWP | SAP-1 | 9'-0" | 5 |
| 114 | OFFICE | CPTSQ | NVB | EDWP | EDWP | EDWP | EDWP | SAP-1 | 9'-0" | |
| 115 | OFFICE | CPTSQ | NVB | E/NDWP | E/NDWP | E/NDWP | E/NDWP | SAP-1 | 9'-0" | 5 |
| 116 | HALL | CPTSQ | NVB | EDWP | NDWP | NDWP | NDWP | ERSP | 9'-0" | |
| 117 | N O T | U S E D | | | | | | | | |
| 118 | STORAGE | VCT | NVB | NDWP | NDWP | NDWP | E/NDWP | SAP-1 | 9'-0" | |
| 119 | OFFICE | CPTSQ | NVB | NDWP | E/NDWP | NDWP | EDWP | SAP-1 | 9'-0" | |
| 120 | OFFICE | CPTSQ | NVB | E/NDWP | E/NDWP | NDWP | EDWP | SAP-1 | 9'-0" | 5 |
| 121 | OFFICE | CPTSQ | NVB | E/NDWP | E/NDWP | NDWP | EDWP | SAP-1 | 9'-0" | 5 |
| 122 | OFFICE | CPTSQ | NVB | E/NDWP | E/NDWP | | E/NDWP | SAP-1 | 9'-0" | 5 |
| 123 | JANITOR | VCT | NVB | EDWP | E/NDWP | EDWP | E/NDWP | SAP-1 | 9'-0" | 5 |
| 124 | ALCOVE | VCT | NVB | NDWP | NDWP | | E/NDWP | SAP-1 | 9'-0" | |
| 125 | MEN RESTRM | VCT | NVB | NDWP | NDWP | NDWP | E/NDWP | SAP-1 | 9'-0" | |
| 126 | COMPUTER | VCT | NVB | NDWP | EDWP | NDWP | NDWP | SAP-1 | 9'-0" | |
| 127 | WOMEN RR | VCT | NVB | NDWP | EDWP | NDWP | EDWP | SAP-1 | 9'-0" | |
| 128 | ALCOVE | VCT | NVB | | NDWP | NDWP | EDWP | SAP-1 | 9'-0" | |
| 129 | CORRIDOR | VWDP | NVB | NDWP | NDWP | E/NDWP | | SAP-2 | 9'-8" | |
| 130 | BREAK RM | VWDP | NVB | NDWP | E/NDWP | NDWP | NDWP | SAP-1 | 9'-0" | |

# ROOM FINISH SCHEDULE

| ROOM NUMBER | ROOM NAME | FLOOR MATERIAL | BASE MATERIAL | WALL MATERIAL NORTH | EAST | SOUTH | WEST | CEILING MATERIAL | CEILING HEIGHT | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| 131 | RECEPTION | CPTSQ | NVB | | | NDWP | EDWP | SAP-2 | 8'-0" | |
| 132 | SPRINKLER | EVCT | NVB | EDWP | EDWP | ECBP | EBRP | SAP-1 | 8'-0" | |
| 133 | VESTIBULE | VWDP | NVB | EDWP | EDWP | EDWP | EDWP | SAP-2 | 9'-0" | |
| 134 | CORRIDOR | VWDP | NVB | E/NDWP / GB | | EDWP | EDWP | SAP-2 | 9'-8" | 5 |
| 135 | OFFICE | CPTSQ | NVB | EDWP | EDWP | EDWP | EBR | SAP-1 | 9'-0" | 4 |
| 136 | OFFICE | CPTSQ | NVB | EDWP | EDWP | EDWP | EBR | SAP-1 | 9'-0" | 4 |
| 137 | STORAGE | CPTSQ | NVB | ECBP | ECBP | ECBP | ECBP | EP | E | 7 |
| 138 | RECEPTION | CPTSQ | NVB | E/NDWP | NDWP / GB | NDWP / GB | EDWP | SAP-2 | 9'-0" | 5 |
| 139 | LOBBY | VWDP | NVB | NDWP | NDWP | NDWP / EBRP | NDWP / GB | SAP-2 | 9'-8" | |
| 140 | TRAINING RM | CPTSQ | NVB | NDWP | NDWP | NDWP | E/NDWP | SAP-2 | 9'-8" | 5 |

## RM FINISH SCHED NOTES

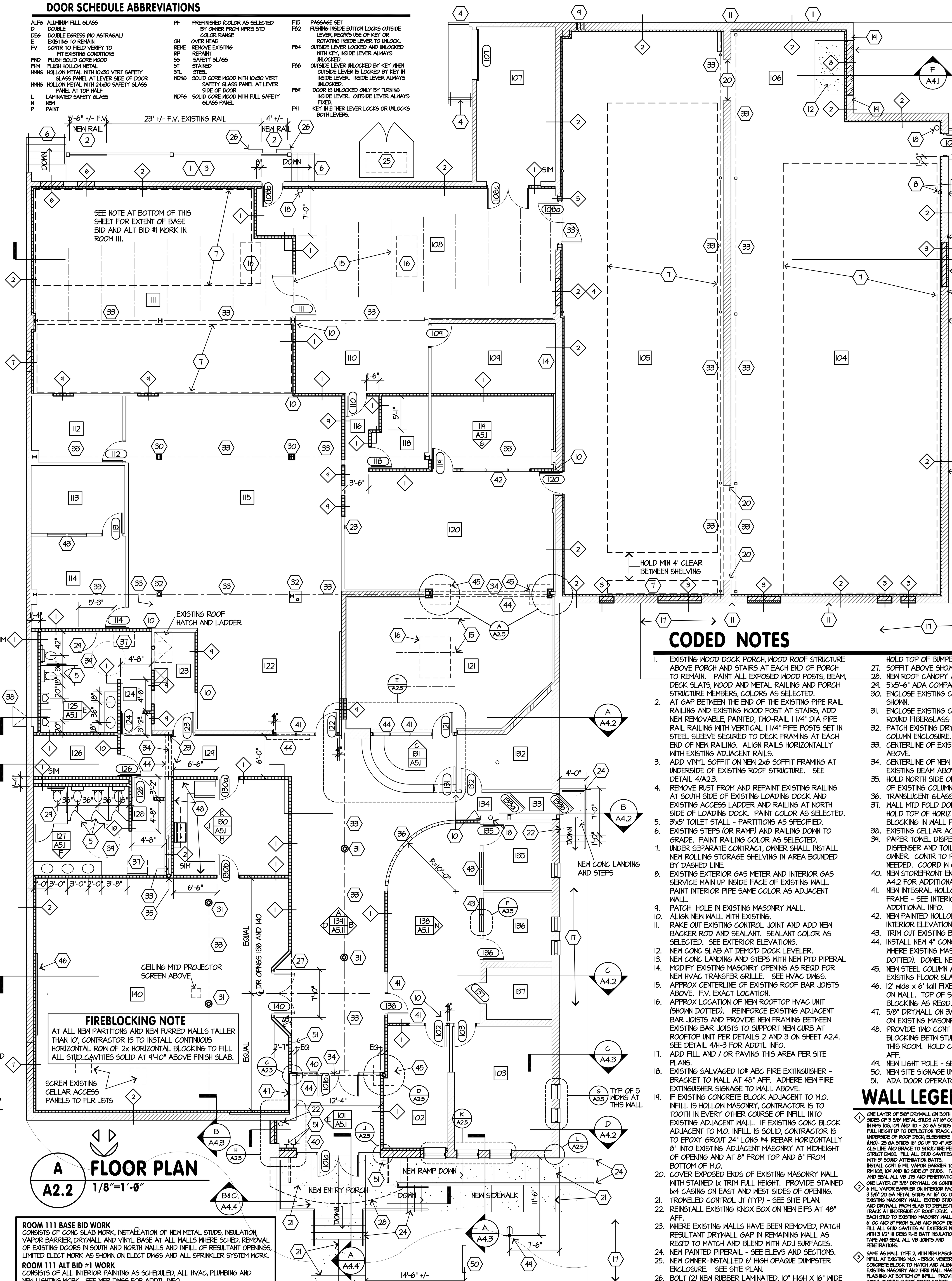
1. PRIOR TO PAINTING EXISTING ROOF STRUCTURE, REMOVE ALL RUST FROM EXISTING STRUCTURAL MEMBERS.
2. PAINT ALL EXPOSED STEEL COLUMNS. COLOR AS SELECTED.
3. INSTALL STAINED 1x8 TRIM BOARD ON WALLS AT CEILING LINE.
4. INSTALL NEW VINYL BASE AT DRYWALL PARTITIONS ONLY.
5. ALIGN AND BLEND AREAS OF NEW DRYWALL WITH ADJACENT EXISTING DRYWALL PARTITIONS.
6. SEAL ALL EXISTING CRACKS IN EXISTING FLOOR SLAB, POWER WASH SLAB AND APPLY SEALER TO SLAB.
7. PAINT EXSISTING WOOD SHELVING IN THIS ROOM - COLOR AS SELECTED.

## GENERAL FINISH NOTES

1. IF NEW WORK THAT REQUIRES PAINTING IS INSTALLED ADJACENT TO AND IN LINE WITH EXISTING CONSTRUCTION, THE ADJACENT EXISTING CONSTRUCTION IS TO BE PAINTED OVER TO THE NEAREST CHANGE IN MATERIAL OR CORNER.
2. PRIOR TO FURRING OUT EXISTING PERIMETER WALLS AND PRIOR TO PAINTING EXISTING WALLS, GC SHALL CLEAN ALL DIRT OFF OF WALLS, AND SHALL TUCKPOINT AND/OR PATCH AND FINISH ALL PUNCTURED, MARRED OR OTHERWISE DAMAGED AREAS OF WALLS AND SHALL SEAL AROUND ALL PIPE AND CONDUIT PENETRATIONS THROUGH THE WALLS. PATCHES SHALL BLEND WITH EXISTING ADJACENT UNMARRED SURFACES.
3. ALL EXPOSED PIPES, CONDUITS, ETC IN THE ROOF STRUCTURE AREA AND ON WALLS ARE TO BE BE PAINTED. COLOR AS SELECTED.
4. PATCH ALL EXISTING WALLS SCEDULED TO REMAIN THAT ARE DAMAGED BY NEW WORK.

## ROOM FINISH SCHEDULE ABBREVIATIONS

BR BRICK
CCS EXISTG CONC SLAB CLEANED AND SEALED
CBCP EXISTG CONC BLOCK CLEANED AND PAINTED
CPTSQ NEW CARPET SQUARES
DWP DRYWALL PAINTED
E EXISTING
FDWP FURRED DRYWALL PAINTED
N NEW
P PAINTED
RS EXPOSED EXISTING ROOF STRUCTURE
SAP-1 NEW 2x4 SUSP ACOUSTIC LAY-IN CLG PANELS
SAP-2 NEW 2x4 SUSP ACOUSTIC LAY-IN CLG PANELS, CENTER SCORED FOR 2x2 APPEARANCE
ST STAINED
VB 4" COVED VINYL BASE
VCT NEW 1/8" VINYL COMPOSITION TILE (UNO)
VWDP NEW VINYL WOOD PLANK
WD WOOD - SPECIES AS SPEC'D




**FIREBLOCKING NOTE**
AT ALL NEW PARTITONS AND NEW FURRED WALLS TALLER THAN 10', CONTRACTOR IS TO INSTALL CONTINUOUS HORIZONTAL ROW OF 2x HORIZONTAL BLOCKING TO FILL ALL STUD CAVITIES SOLID AT 9'-10" ABOVE FINISH SLAB.

A / A2.2 FLOOR PLAN 1/8"=1'-0"

**ROOM 111 BASE BID WORK**
CONSISTS OF CONC SLAB WORK, INSTALLATION OF NEW METAL STUDS, INSULATION, VAPOR BARRIER, DRYWALL AND VINYL BASE AT ALL WALLS WHERE SCHED, REMOVAL OF EXISTING DOORS IN SOUTH AND NORTH WALLS AND INFILL OF RESULTANT OPENINGS, LIMITED ELECT WORK AS SHOWN ON ELECT DWGS AND ALL SPRINKLER SYSTEM WORK.

**ROOM 111 ALT BID #1 WORK**
CONSISTS OF ALL INTERIOR PAINTING AS SCHEDULED, ALL HVAC, PLUMBING AND NEW LIGHTING WORK. SEE MEP DWGS FOR ADDTL INFO.

## CODED NOTES

1. EXISTING WOOD DOCK PORCH, WOOD ROOF STRUCTURE ABOVE PORCH AND STAIRS AT EACH END OF PORCH TO REMAIN. PAINT ALL EXPOSED WOOD POSTS, BEAM, DECK SLATS, WOOD AND METAL RAILING AND PORCH STRUCTURE MEMBERS, COLORS AS SELECTED.
2. AT GAP BETWEEN THE END OF THE EXISTING PIPE RAIL RAILING AND EXISTING WOOD POST AT STAIRS, ADD NEW REMOVABLE, PAINTED, TWO-RAIL 1 1/4" DIA PIPE RAIL RAILING WITH VERTICAL 1 1/4" PIPE POSTS SET IN STEEL SLEEVE SECURED TO DECK FRAMING AT EACH END OF NEW RAILING. ALIGN RAILS HORIZONTALLY WITH EXISTING ADJACENT RAILS.
3. ADD VINYL SOFFIT ON NEW 2x6 SOFFIT FRAMING AT UNDERSIDE OF EXISTING ROOF STRUCTURE. SEE DETAIL 4/A2.3.
4. REMOVE RUST FROM AND REPAINT EXISTING RAILING AT SOUTH SIDE OF EXISTING LOADING DOCK AND EXISTING ACCESS LADDER AND RAILING AT NORTH SIDE OF LOADING DOCK. PAINT COLOR AS SELECTED.
5. 3'x5' TOILET STALL - PARTITIONS AS SPECIFIED.
6. EXISTING STEPS (OR RAMP) AND RAILING DOWN TO GRADE. PAINT RAILING COLOR AS SELECTED.
7. UNDER SEPARATE CONTRACT, OWNER SHALL INSTALL NEW ROLLING STORAGE SHELVING IN AREA BOUNDED BY DASHED LINE.
8. EXISTING EXTERIOR GAS METER AND INTERIOR GAS SERVICE MAIN UP INSIDE FACE OF EXISTING WALL. PAINT INTERIOR PIPE SAME COLOR AS ADJACENT WALL.
9. PATCH HOLE IN EXISTING MASONRY WALL.
10. ALIGN NEW WALL WITH EXISTING.
11. RAKE OUT EXISTING CONTROL JOINT AND ADD NEW BACKER ROD AND SEALANT. SEALANT COLOR AS SELECTED. SEE EXTERIOR ELEVATIONS.
12. NEW CONC SLAB AT DEMO'D DOCK LEVELER.
13. NEW CONC LANDING AND STEPS WITH NEW PTD PIPERAL
14. MODIFY EXISTING MASONRY OPENING AS REQD FOR NEW HVAC TRANSFER GRILLE. SEE HVAC DWGS.
15. APPROX CENTERLINE OF EXISTING ROOF BAR JOISTS ABOVE. F.V. EXACT LOCATION.
16. APPROX LOCATION OF NEW ROOFTOP HVAC UNIT (SHOWN DOTTED). REINFORCE EXISTING ADJACENT BAR JOISTS AND PROVIDE NEW FRAMING BETWEEN EXISTING BAR JOISTS TO SUPPORT NEW CURB AT ROOFTOP UNIT PER DETAILS 2 AND 3 ON SHEET A2.4. SEE DETAIL 4/H-3 FOR ADDTL INFO.
17. ADD FILL AND / OR PAVING THIS AREA PER SITE PLANS.
18. EXISTING SALVAGED 10# ABC FIRE EXTINGUISHER - BRACKET TO WALL AT 48" AFF. ADHERE NEW FIRE EXTINGUISHER SIGNAGE TO WALL ABOVE.
19. IF EXISTING CONCRETE BLOCK ADJACENT TO M.O. INFILL IS HOLLOW MASONRY, CONTRACTOR IS TO TOOTH IN EVERY OTHER COURSE OF INFILL INTO EXISTING ADJACENT WALL. IF EXISTING CONC BLOCK ADJACENT TO M.O. INFILL IS SOLID, CONTRACTOR IS TO EPOXY GROUT 24" LONG #4 REBAR HORIZONTALLY 8" INTO EXISTING ADJACENT MASONRY AT MIDHEIGHT OF OPENING AND AT 8" FROM TOP AND 8" FROM BOTTOM OF M.O.
20. COVER EXPOSED ENDS OF EXISTING MASONRY WALL WITH STAINED 1x TRIM FULL HEIGHT. PROVIDE STAINED 1x4 CASING ON EAST AND WEST SIDES OF OPENING.
21. TROWELED CONTROL JT (TYP) - SEE SITE PLAN.
22. REINSTALL EXISTING KNOX BOX ON NEW EIFS AT 48" AFF.
23. WHERE EXISTING WALLS HAVE BEEN REMOVED, PATCH RESULTANT DRYWALL GAP IN REMAINING WALL AS REQ'D TO MATCH AND BLEND WITH ADJ SURFACES.
24. NEW PAINTED PIPERAIL - SEE ELEVS AND SECTIONS.
25. NEW OWNER-INSTALLED 6' HIGH OPAQUE DUMPSTER ENCLOSURE. SEE SITE PLAN.
26. BOLT (2) NEW RUBBER LAMINATED, 10" HIGH X 16" WIDE DOCK BUMPERS TO EXISTING DECK BAND BOARD. HOLD TOP OF BUMPER FLUSH WITH TOP OF DECK.
27. SOFFIT ABOVE SHOWN DOTTED. SEE INTERIOR ELEVS.
28. NEW ROOF CANOPY ABOVE SHOWN DOTTED.
29. 5'x5'-6" ADA COMPATIBLE TOILET STALL. SEE P/A5.6.
30. ENCLOSE EXISTING COLUMN WITH FURRED DRYWALL AS SHOWN.
31. ENCLOSE EXISTING COLUMN WITH PAINTED PREFAB 12" ROUND FIBERGLASS COLUMN COVER AS SPECIFIED.
32. PATCH EXISTING DRYWALL AS REQUIRED AT EXISTING COLUMN ENCLOSURE.
33. CENTERLINE OF EXISTING STEEL COLUMN OR BEAM ABOVE.
34. CENTERLINE OF NEW STEEL BEAM OR REINFORCED EXISTING BEAM ABOVE. SEE STRUCT DWGS.
35. HOLD NORTH SIDE OF STUDS AT NEW WALL 1/2" NORTH OF EXISTING COLUMN.
36. TRANSLUCENT GLASS BLOCK WALL. SEE DETAIL M/A5.1
37. WALL MTD FOLD DOWN BABY CHANGING SURFACE. HOLD TOP OF HORIZ SURFACE AT 33" AFF. PROVIDE BLOCKING IN WALL PER MFR.
38. EXISTING CELLAR ACCESS.
39. PAPER TOWEL DISPENSER, SANITARY NAPKIN DISPENSER AND TOILET PAPER HOLDERS ALL BY OWNER. CONTR TO PROVIDE BLOCKING IN WALLS AS NEEDED. COORD W OWNER FOR LOCATIONS.
40. NEW STOREFRONT ENTRY. SEE SECTIONS C AND D ON A4.2 FOR ADDITIONAL INFO.
41. NEW INTEGRAL HOLLOW METAL DOOR AND SIDELIGHT FRAME - SEE INTERIOR ELEVATIONS OR SECTIONS FOR ADDITIONAL INFO.
42. NEW PAINTED HOLLOW METAL BORROWED LIGHT - SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO.
43. TRIM OUT EXISTING BORROWED LITE PER F/A2.5.
44. INSTALL NEW 4" CONC SLAB TO MATCH EXISTING WHERE EXISTING MASONRY WALL IS DEMO'D (SHOWN DOTTED). DOWEL NEW SLAB TO EXISTING.
45. NEW STEEL COLUMN AND CONC FOOTING. SAWCUT EXISTING FLOOR SLAB AS REQD. SEE STRUCT DWGS.
46. 12' wide x 6' tall FIXED PROJECTION SCREEN CENTERED ON WALL. TOP OF SCREEN 9'-6" AFF. PROVIDE BLOCKING AS REQD.
47. 5/8" DRYWALL ON 3/4" METAL FURRING STRIPS 24" OC ON EXISTING MASONRY. TOP OF DW AT 10'-4" AFF.
48. PROVIDE TWO CONT ROWS OF HORIZONTAL 2x6 BLOCKING BETW STUDS ABOVE ALL COUNTER SPACES THIS ROOM. HOLD CL OF ROWS AT 84" AND AT 54" AFF.
49. NEW LIGHT POLE - SEE ELECT DWGS.
50. NEW SITE SIGNAGE UNDER SEPARATE CONTRACT.
51. ADA DOOR OPERATOR BUTTON AT 42" AFF.

## WALL LEGEND

1. ONE LAYER OF 5/8" DRYWALL ON BOTH SIDES OF 3 5/8" METAL STUDS AT 16" OC. IN RMS 108, 109 AND 110 - 20 GA STUDS FULL HEIGHT UP TO DEFLECTION TRACK AT UNDERSIDE OF ROOF DECK; ELSEWHERE (UNO)- 25 GA STUDS 16" OC UP TO 4" ABV CLG LINE AND BRACE TO STRUCTURE PER STRUCT DWGS. FILL ALL STUD CAVITIES WITH 3" SOUND ATTENUATION BATTS. INSTALL CONT 6 MIL VAPOR BARRIER TO RM 108, 109 AND 110 SIDE OF STUDS. TAPE AND SEAL ALL VB JTS AND PENETRATIONS.
2. ONE LAYER OF 5/8" DRYWALL ON CONTINUOUS 6 MIL VAPOR BARRIER ON INTERIOR FACE OF 3 5/8" 20 GA METAL STUDS AT 16" OC ON EXISTING MASONRY WALL. EXTEND STUDS AND DRYWALL FROM SLAB TO DEFLECTION TRACK AT UNDERSIDE OF ROOF DECK. CLIP EACH STUD TO EXISTING MASONRY WALL AT 6' OC AND 8" FROM SLAB AND ROOF DECK. FILL ALL STUD CAVITIES AT EXTERIOR WALLS WITH 3 1/2" HI DENS R-15 BATT INSULATION. TAPE AND SEAL ALL VB JOINTS AND PENETRATIONS.
3. SAME AS WALL TYPE 2, WITH NEW MASONRY INFILL AT EXISTING M.O. - BRICK VENEER ON 8" CONCRETE BLOCK TO MATCH AND ALIGN WITH EXISTING MASONRY AND THRU WALL MASONRY FLASHING AT BOTTOM OF INFILL. PROVIDE CONT HORIZ JT REINF EVERY OTHER COURSE. SEE CODED NOTE 19 ON THIS SHEET FOR ADDTL INFO.
4. MASONRY INFILL AT NEW RETURN AIR DUCT THRU EXISTG 20 SF, 8" THICK M.O.
5. SAME AS WALL TYPE 2, WITH 5/8" DRYWALL ON ADD'T'L ROW OF 3 5/8" METAL STUDS UP UNDER EXISTING LINTEL AT EXISTING MASONRY OPENING.
6. SAME AS WALL TYPE 2, WITH NEW CONC BLOCK INFILL AT EXISTING M.O (MATCH WIDTH OF EXISTING CONC BLOCK) WITH CONT HORIZ JT REINF EVERY OTHER CRS.
7. SAME AS WALL TYPE 6, WITH NEW STUCCO VENEER TO MATCH ADJ STUCCO.
8. SAME AS WALL TYPE 3, WITH 4' LONG #6 VERT REBAR IN GROUT FILLED CORES AT 18" OC. EPOXY GROUT REBAR 8" DOWN INTO EXISTING CONCRETE WALL BELOW.
9. ONE LAYER OF 5/8" DRYWALL ON BOTH SIDES OF METAL STUDS INSTALLED AT 16" OC IN EXISTING OPENING. F.V. REQUIRED STUD WIDTH TO ALIGN AND BLEND NEW DRYWALL WITH EXISTING. FILL ALL STUD CAVITIES WITH 3" SOUND ATTENUATION BATTS.

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING
for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130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COMMISSION
L-1823

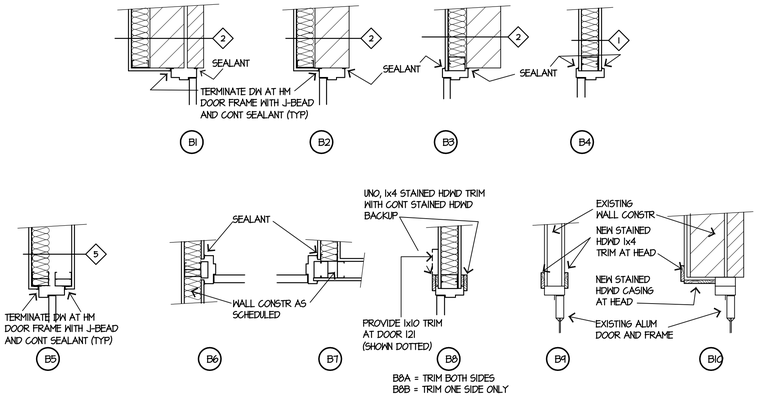
| ISSUE | MARK | DATE |
|---|---|---|
| REVIEW | | 1-11-18 |
| PRELIM | | 2-12-18 |
| PRELIM | | 3-8-18 |
| PRELIM | | 3-26-18 |
| REVIEW | | 5-31-18 |
| PRELIM | | 6-15-18 |
| REVIEW | | 7-3-18 |
| REVIEW | | 7-12-18 |
| PRELIM | | 7-23-18 |
| PRELIM | | 7-31-18 |
| PERMIT | | 8-9-18 |

DRAWN BY: SML


STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT
Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

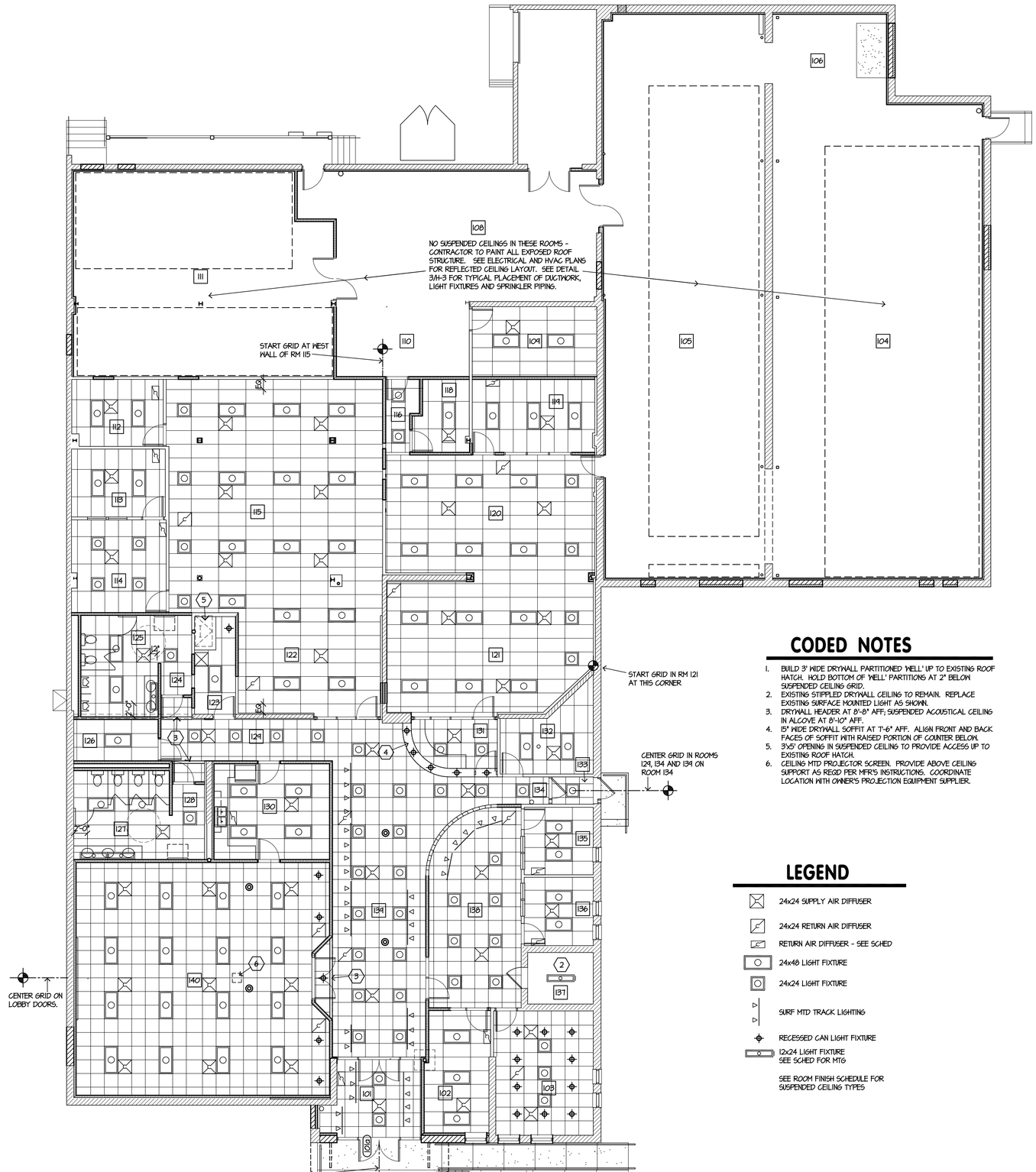

FLOOR PLAN / ROOM FINISH AND DOOR SCHEDULES

DRAWING NUMBER
A2.2




## B / A2.3 DOOR DETAILS

3/4"=1'-0"




## A / A2.3 REFLECTED CEILING PLAN

1/8"=1'-0"

UNLESS NOTED OTHERWISE, ALL SUSPENDED CEILINGS ARE TO BE CENTERED IN BOTH DIRECTIONS WITHIN EACH ROOM.

## CODED NOTES

1. BUILD 3' WIDE DRYWALL PARTITIONED 'WELL' UP TO EXISTING ROOF HATCH. HOLD BOTTOM OF 'WELL' PARTITIONS AT 2" BELOW SUSPENDED CEILING GRID.
2. EXISTING STIPPLED DRYWALL CEILING TO REMAIN. REPLACE EXISTING SURFACE MOUNTED LIGHT AS SHOWN.
3. DRYWALL HEADER AT 8'-8" AFF; SUSPENDED ACOUSTICAL CEILING IN ALCOVE AT 8'-10" AFF.
4. 15" WIDE DRYWALL SOFFIT AT 7'-6" AFF. ALIGN FRONT AND BACK FACES OF SOFFIT WITH RAISED PORTION OF COUNTER BELOW.
5. 3'x5' OPENING IN SUSPENDED CEILING TO PROVIDE ACCESS UP TO EXISTING ROOF HATCH.
6. CEILING MTD PROJECTOR SCREEN. PROVIDE ABOVE CEILING SUPPORT AS REQD PER MFR'S INSTRUCTIONS. COORDINATE LOCATION WITH OWNER'S PROJECTION EQUIPMENT SUPPLIER.

## LEGEND

- 24x24 SUPPLY AIR DIFFUSER
- 24x24 RETURN AIR DIFFUSER
- RETURN AIR DIFFUSER - SEE SCHED
- 24x48 LIGHT FIXTURE
- 24x24 LIGHT FIXTURE
- SURF MTD TRACK LIGHTING
- RECESSED CAN LIGHT FIXTURE
- 12x24 LIGHT FIXTURE SEE SCHED FOR MTG

SEE ROOM FINISH SCHEDULE FOR SUSPENDED CEILING TYPES

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING

for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

VPL ARCHITECTS
426 EAST MAIN STREET
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COMMISSION
L-1823

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| REVIEW | | 1-11-18 |
| PRELIM | | 2-12-18 |
| PRELIM | | 3-8-18 |
| PRELIM | | 3-26-18 |
| REVIEW | | 5-31-18 |
| PRELIM | | 6-15-18 |
| REVIEW | | 7-12-18 |
| PERMIT | | 8-9-18 |

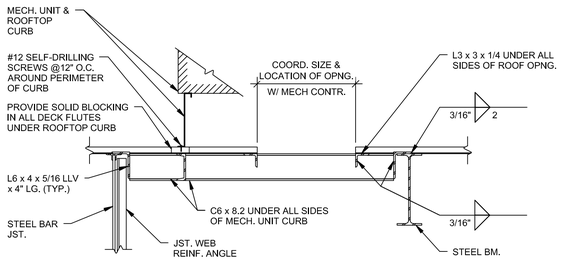
DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**REFLECTED CEILING PLAN & DOOR DETAILS**

DRAWING NUMBER
**A2.3**



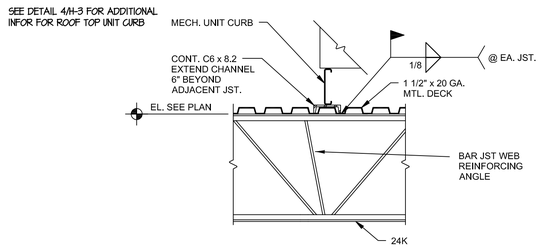

OPENING FRAME IS TYPICAL FOR ALL DECK PENETRATIONS GREATER THAN OR EQUAL TO 10" SQUARE OR 10" DIAMETER
SUPPORT FRAME IS TYPICAL FOR ALL MECHANICAL UNITS WEIGHING 500# OR MORE.

**TYPICAL MECHANICAL UNIT SUPPORT AND ROOF OPENING FRAMING**

## B / A2.4 NEW ROOFTOP HVAC UNIT ROOF CURB REINFORCING

3/4"=1'-0"

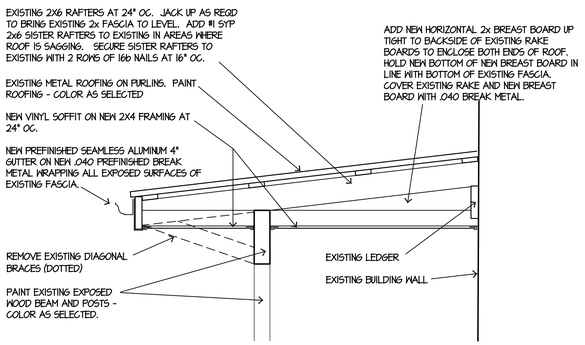
SEE DETAIL 4/H-3 FOR ADDITIONAL INFOR FOR ROOF TOP UNIT CURB




## C / A2.4 NEW ROOFTOP HVAC UNIT ROOF CURB REINFORCING

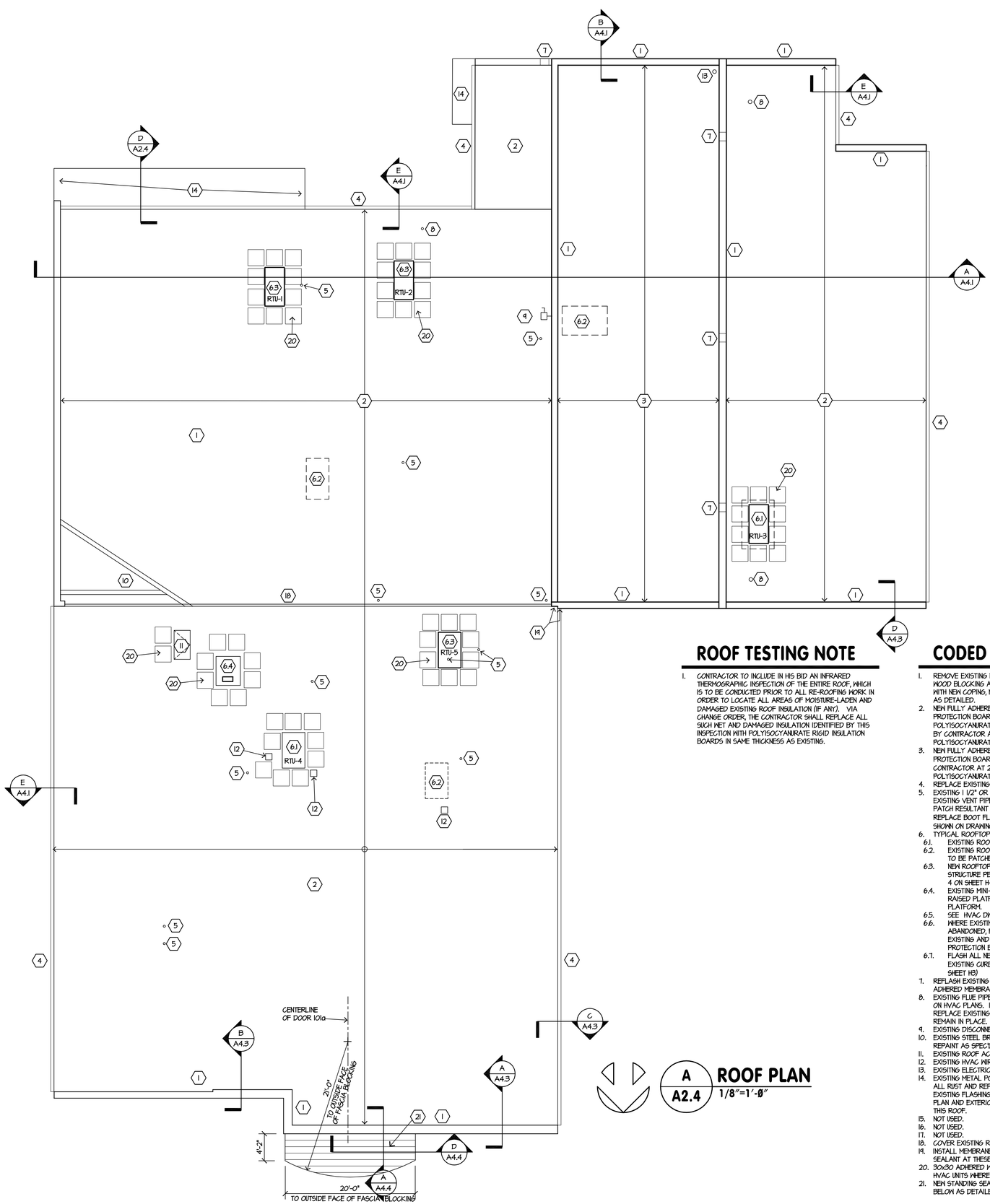
3/4"=1'-0"

SEE DETAIL 4/H-3 FOR ADDITIONAL INFOR FOR ROOF TOP UNIT CURB




## D / A2.4 DOCK PORCH ROOF

3/4"=1'-0"




## ROOF TESTING NOTE

1. CONTRACTOR TO INCLUDE IN HIS BID AN INFRARED THERMOGRAPHIC INSPECTION OF THE ENTIRE ROOF, WHICH IS TO BE CONDUCTED PRIOR TO ALL RE-ROOFING WORK IN ORDER TO LOCATE ALL AREAS OF MOISTURE-LADEN AND DAMAGED EXISTING ROOF INSULATION (IF ANY). VIA CHANGE ORDER, THE CONTRACTOR SHALL REPLACE ALL SUCH WET AND DAMAGED INSULATION IDENTIFIED BY THIS INSPECTION WITH POLYISOCYANURATE RIGID INSULATION BOARDS IN SAME THICKNESS AS EXISTING.

## A / A2.4 ROOF PLAN

1/8"=1'-0"

## CODED NOTES

1. REMOVE EXISTING METAL COPING, MEMBRANE FLASHING AND WOOD BLOCKING AT TOP OF EXISTING PARAPET AND REPLACE WITH NEW COPING, MEMBRANE FLASHING AND WOOD BLOCKING AS DETAILED.
2. NEW FULLY ADHERED .060 SINGLE PLY EPDM FOOFING / NEW 1/2" PROTECTION BOARD / NEW MECHANICALLY FASTENED 1 1/2" POLYISOCYANURATE / EXISTING EPDM ROOF MEMBRANE (SLICED BY CONTRACTOR AT 20' INTERVALS EACH WAY) / EXISTING 1 1/2" POLYISOCYANURATE INSULATION / EXISTING ROOF STRUCTURE.
3. NEW FULLY ADHERED .060 SINGLE PLY EPDM ROOFING / NEW 1/2" PROTECTION BOARD / EXISTING EPDM ROOFING (SLICED BY CONTRACTOR AT 20' INTERVALS EACH WAY) / EXISTING 3" POLYISOCYANURATE INSULATION / EXISTING ROOF STRUCTURE.
4. REPLACE EXISTING GUTTER AND FASCIA BOARD AS DETAILED.
5. EXISTING 1 1/2" OR 3" VENT PIPE UP THRU ROOF. REMOVE ALL EXISTING VENT PIPES NOT BEING USED WITH NEW SYSTEMS AND PATCH RESULTANT OPENING IN ROOF; IF PIPE IS TO REMAIN, REPLACE BOOT FLASHING (TYPICAL WHETHER SHOWN OR NOT SHOWN ON DRAWINGS).
6. TYPICAL ROOFTOP HVAC UNIT NOTES
   - 6.1. EXISTING ROOFTOP UNIT TO BE REPLACED IN PLACE.
   - 6.2. EXISTING ROOFTOP UNIT TO BE REMOVED. ROOF OPENINGS TO BE PATCHED.
   - 6.3. NEW ROOFTOP UNIT AT NEW LOCATION. REINFORCE EXISTING STRUCTURE PER DETAILS B AND C ON A2.4 AND PER DETAIL 4 ON SHEET H-3.
   - 6.4. EXISTING MINI-SPLIT OUTDOOR UNIT TO REMAIN. EXISTING RAISED PLATFORM TO REMAIN. REFLASH PERIMETER OF PLATFORM.
   - 6.5. SEE HVAC DWGS FOR ALL REQ'D WORK.
   - 6.6. WHERE EXISTING RA AND SA OPENINGS IN ROOF ARE ABANDONED, PATCH OPENING WITH METAL DECK TO MATCH EXISTING AND 2 LAYERS OF 1 1/2" POLYISO RIGID BD AND PROTECTION BOARD AND .060 ROOF MEMBRANE.
   - 6.7. FLASH ALL NEW CURBS AND REPLACE FLASHING AT ALL EXISTING CURBS THAT ARE TO REMAIN. (SEE DETAILS ON SHEET H3)
7. REFLASH EXISTING SCUPPER OPENING THRU PARAPET WITH ADHERED MEMBRANE FLASHING.
8. EXISTING FLUE PIPE UP THRU ROOF. REMOVE WHERE INDICATED ON HVAC PLANS. INFILL AND PATCH RESULTANT OPENING. REPLACE EXISTING FLASHING BOOT AT EXISTING PIPES THAT REMAIN IN PLACE.
9. EXISTING DISCONNECT.
10. EXISTING STEEL BRACE TO REMAIN. REMOVE ALL RUST AND REPAINT AS SPEC'D.
11. EXISTING ROOF ACCESS HATCH TO REMAIN.
12. EXISTING HVAC WIRING PITCH POCKET. SEE HVAC DWGS.
13. EXISITNG ELECTRIC SERVICE MASTHEAD TO REMAIN.
14. EXISTING METAL PORCH ROOFING BELOW TO REMAIN. REMOVE ALL RUST AND REPAINT AS SPEC'D. REPAIR / REPLACE EXISTING FLASHING AT WALL IF / WHERE NEEDED. SEE FLOOR PLAN AND EXTERIOR ELEVATIONS FOR ADDITIONAL WORK ON THIS ROOF.
15. NOT USED.
16. NOT USED.
17. NOT USED.
18. COVER EXISTING ROOF CURB WITH MEMBRANE FLASHING.
19. INSTALL MEMBRANE FLASHING 16" UP TO TERMINATION BAR AND SEALANT AT THESE EXISTING WALL SURFACES.
20. 30x30 ADHERED WALKWAY ROOF PADS SURROUNDING NEW HVAC UNITS WHERE SHOWN.
21. NEW STANDING SEAM METAL ROOF ON NEW ROOF STRUCTURE BELOW AS DETAILED.

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for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

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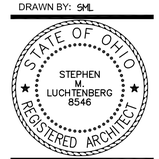
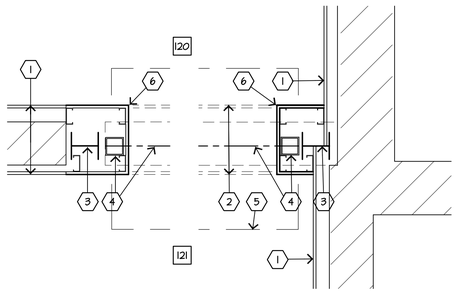


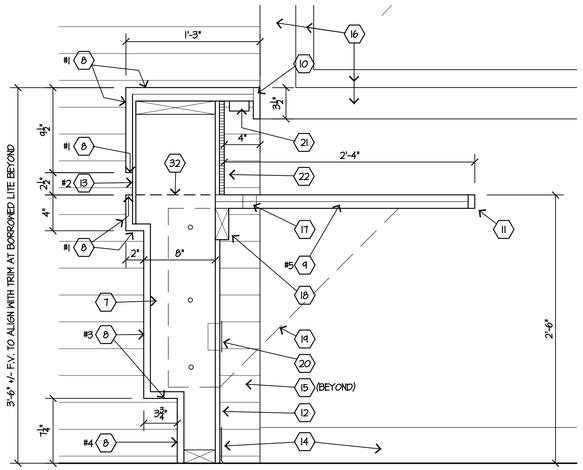

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**ROOF PLAN AND ROOF DETAILS**

DRAWING NUMBER
**A2.4**



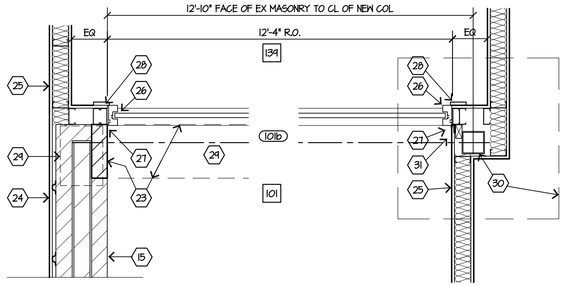

A A2.5 **PLAN DETAIL**
3/4"=1'-0"




B A2.5 **COUNTER SECTION** 131
1 1/2"=1'-0"

## CODED NOTES

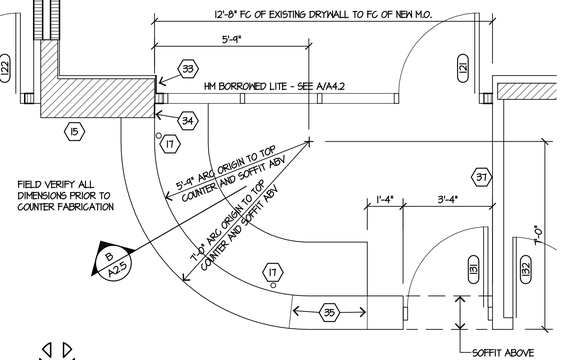
1. EXISTING DRYWALL ON FURRING ON EXISTING MASONRY WALL.
2. PORTION OF EXISTING WALL TO BE REMOVED SHOWN DOTTED.
3. EXISTING STEEL COLUMN.
4. NEW STEEL TUBE COLUMN AND CENTERLINE OF NEW STEEL BEAM ABOVE. SEE STRUCTURAL DWGS.
5. NEW FOOTING POURED ADJACENT TO AND ABOVE EXISTING FOOTING. SEE STRUCT.
6. NEW PAINTED 5/8" DRYWALL ON 3 5/8" METAL STUDS TO ENCLOSE NEW COLUMN. ALIGN AND BLEND WITH ADJACENT EXISTING DRYWALL.
7. 2X10 COUNTER RIB STUDS (CUT TO SHAPE SHOWN) AT 16" OC.
8. PLASTIC LAMINATE ON (2) LAYERS OF 3/8" PLYMD AT CURVED SURFACES (ONE LAYER OF 3/4" PLYMD AT FLAT SURFACES UNLESS NOTED OTHERWISE). COLOR AS NUMBERED - TO BE SELECTED.
9. WORK SURFACE TO BE PLAS LAM (COLOR AS NUMBERED) ON EXPOSED FACES OF TWO LAYERS OF 3/4" PLYMD
10. STAINED HARDWOOD 1x4 HIGH COUNTER EDGE. RIB BACK TO WALL AS NECESSARY.
11. STAINED HARDWOOD 1x2 WORK SURFACE EDGE.
12. (2) LAYERS OF 1/4" DRYWALL, PAINTED COLOR AS SELECTED.
13. PLAS LAM ON ONE LAYER OF 3/8" PLYWOOD AT 2 1/2" HIGH X 3/4" DEEP REVEAL.
14. VINYL BASE.
15. EXPOSED EXISTING BRICK WALL.
16. 1x4 TRIM AND HOLLOW METAL FRAME AT BORROWED LITE BEYOND.
17. PROVIDE (2) 1 1/2" PLASTIC GROMMETS THRU COUNTER WHERE SHOWN ON PLAN.
18. 2x4 LEDGER BETWEEN SUPPORT BRACKETS. PAINT WITH WALL.
19. 1 1/2" PLAS LAM WRAPPED DIAGONAL SUPPORT BRACKETS (DOTTED) BOLTED TO 2x RIBS AT 36" OC WITH THREE 1/2" DIA THRU BOLTS.
20. ELECTR RECEPT PER ELECT DWGS.
21. UNDERCOUNTER LIGHT PER ELECT DWGS.
22. 1/2" CONT GORK BD ON 1/4" PLYWOOD.
23. PORTION OF EXISTING MASONRY WALL TO BE REMOVED SHOWN DOTTED. SALVAGE EXISTING DEMO'D BRICK AS NEEDED TO TOOTH IN TO PATCH EXISTING REMAINING WALL.
24. NEW 5/8" PAINTED DRYWALL ON FURRING STRIPS ON EXISTING MASONRY WALL.
25. NEW DRYWALL PARTITION AS SCHEDULED.
26. NEW ALUMINUM STOREFRONT FRAMING.
27. CONT SEALANT.
28. NEW STAINED 1x4 HDWD TRIM.
29. NEW STEEL BEAM ABOVE WITH NEW BEARING PLATE (SHOWN DOTTED) AT NEW BEAM POCKET IN EXSITING MASONRY WALL. SEE STRUCTURAL DWGS.
30. NEW STEEL TUBE COLUMN AND NEW CONC FOOTING. SEE STRUCTURAL DWGS.
31. TERMINATE DRYWALL WITH J-BEAD.
32. EXTEND WORK SURFACE OUT TO RECESSED REVEAL AT FRONT EDGE OF COUNTER WALL AT REMOVABLE PORTION OF HIGH COUNTER (AT ADA ACCESSIBLE PATRON COUNTER AREA).
33. GLUE DRYWALL TO NEW MO JAMB BACK TO J-BEAD AT NEW HM BORROWD LITE FRAME AND TO NEW DRYWALL PARTITION ABOVE AND BELOW BORROWED LITE.
34. TOOTH IN EXISTING DEMO'D BRICK TO FORM MO JAMB BACK TO NEW BORROWED LITE AND TO DRYWALL PARTITION ABOVE AND BELOW BORROWED LITE.
35. 36" LONG REMOVABLE UPPER COUNTER SECTION FOR ADA ACCESS TO COUNTER.
36. EXISTING DRYWALL PARTITION.
37. EXISTING BORROWED LITE. PAINT EXPOSED PORTIONS OF FRAME COLOR AS SELECTED.
38. CONT J-BEAD AND SEALANT -TYP AT DRYWALL TERMINATION AT DISSIMILAR MATERIAL.
39. NEW ALUMINUM STOREFRONT WINDOW AS SCHEDULED IN EXISTING M.O. IN EXISTING THREE WYTHE MASONRY WALL.
40. NEW EIFS VENEER FINISH SYSTEM (AS SPECIFIED) ON NEW 1½" INSULATION BD (TYP THICKNESS UNLESS NOTED OTHERWISE) ADHERED TO EXISTING BUILDING VENEER. MECHANICALLY FASTEN INSULATION BD WHERE INSTALLED OVER PAINTED MATERIALS.
41. 5" WIDE x 2½" THICK EIFS TRIM AT JAMB, SILL AND HEAD OF WINDOW OPENINGS AND AT JAMB AND HEAD OF DOOR OPENINGS.
42. EXTEND EIFS MESH AND FINISH OVER MASONRY M.O. JAMB BACK TO WINDOW FRAME.
43. ADHERE WEATHERPROOF MEMBRANE (BITUTHENE OR APPROVED EQUAL) TO EXISTING MASONRY UNDER NEW WINDOW AND DOWN OVER FACE OF EXISTING ROWLOCK SILL (MEMBRANE SHOWN DOTTED AT SILL DETAIL). EXTEND EIFS MESH, BASE AND FINISH COAT ON TOP OF MEMBRANE, UP OVER EXISTING ROWLOCK SILL BACK TO WINDOW FRAME. INSTALL NEW PREFINISHED .040 BREAK METAL SILL FLASHING ON TOP OF EIFS, UNDER NEW WINDOW FRAME BACK TO 1/2" TURN UP AT NEW INTERIOR WOOD SILL, AND DOWN OVER EXTERIOR FRONT OF EIFS ON ROWLOCK SILL. PROVIDE CONT TREATED SHIM UNDER BREAK METAL SILL FLASHING AT WINDOW FRAME AS NECESSARY TO ENSURE POSITIVE OUTWARD DRAINAGE OF MOISTURE. OVERBEND BREAK METAL FLASHING TURN DOWN AT EXTERIOR SILL EDGE AND PROVIDE HEMMED DRIP EDGE AS SHOWN. TURN SILL FLASHING ½" UP BEHIND EIFS AT JAMBS (BEYOND - SHOWN DOTTED).
44. CONT EIFS-COMPATIBLE SEALANT (COLOR TO MATCH EIFS).
45. COVER EIFS INSULATION WITH EIFS MESH AND FINISH AT WINDOW HEAD. PROVIDE STANDARD EIFS V-GROOVE DRIP AS SHOWN. EIFS TERMINATION IS TO ALLOW FOR FREE DRAINAGE OF MOISTURE FROM MASONRY LINTEL FLASHING.
46. TRIM OUT EXISTING INTERIOR HEAD, SILL AND JAMB WITH STAINED 1x HARDWD AND CASE OPENING WITH STAINED 1x4 HARDWOOD TRIM.
47. EIFS WATERTABLE BEYOND.
48. CONT BACKER ROD AND EIFS-COMPATIBLE SEALANT (COLOR TO MATCH EIFS).
49. PAINT M.O. LINTEL COLOR TO MATCH EIFS.
50. NEW LINTEL AS SCHEDULED IN NEW M.O. IN EXISTING MASONRY WALL. REMOVE AND RELAY EXTERIOR AND MIDDLE WYTHES OF MASONRY AS NEEDED FOR INSTALLATION. DO NOT DISTURB OR DAMAGE INTERIOR WYTHE. INSTALL THRU WALL MASONRY FLASHING OVER NEW LINTEL.
51. NEW MASONRY THRU WALL FLASHING (SHOWN DOTTED) ACROSS TOP OF NEW M.O. DOWN FACE OF MASONRY BEHIND EIFS TRIM AND OUT OVER TOP OF CULTURED STONE/BREAK METAL FLASHING ON EXISTING MASONRY FACE, TURN OUT THRU NEW JOINT BETWEEN EIFS AND CULTURED STONE.
52. CONT TREATED 2x BLOCKING AT M.O. - TAPCON TO EACH EXISTING WYTHE OF MASONRY, COUNTERSINK HEADS. TAPER TOP OF EXTERIOR PORTION OF BLOCKING DOWN 1/2" TO FRONT EDGE AS SHOWN.
53. NEW ALUM STOREFRONT WINDOW AS SCHEDULED IN NEW M.O.
54. PREFINISHED .040 ALUM BREAK METAL SILL FLASHING (SAME COLOR AS EIFS) UNDER WINDOW FRAME TO 1/2" TURN UP AT INTERIOR WOOD SILL, DOWN OVER EIFS FINISH AND MESH ON CULTURED BLOCKING, DOWN 1 1/2"ON FACE OF SILL + CLIP TO CONTINUOUS CONCEALED ALUMINUM CLEAT. TURN SILL FLASHING UP ½" BEHIND EIFS AT JAMBS.
55. CULTURED STONE WAINSCOT ON EXISTING VENEER.
56. EIFS WATERTABLE SILL.
57. PAINTED ½" DIA PIPERAIL WITH BRACKETS SECURED TO EXISTING MASONRY WALL (WHERE SHOWN). HOLD TOP OF RAIL AT 34" ABOVE SLAB.
58. NOT USED.
59. NEW CONC BLOCK INFILL AT M.O. WITH HORIZ JT REINF EVERY OTHER CRS - BLOCK THICKNESS AS NOTED.
60. CONT HORIZONTAL BOND BEAM AT 4' OC IN INFILL WALL WITH CONT #4 DOWEL (SHOWN DOTTED) EPOXIED 4" INTO EXISTING ADJACENT MASONRY WITH SIMPSON ET-HP.



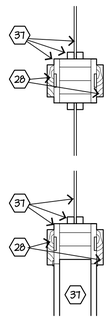

C A2.5 **PLAN DETAIL**
3/4"=1'-0"



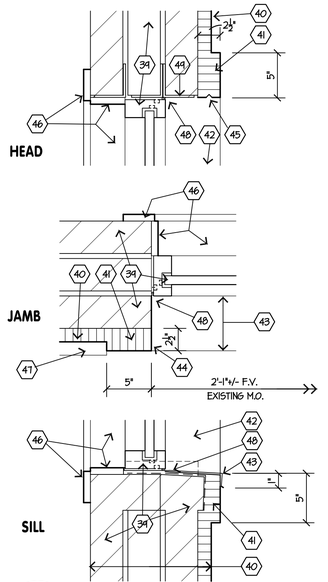
D A2.5 **PLAN DETAIL**
3/4"=1'-0"



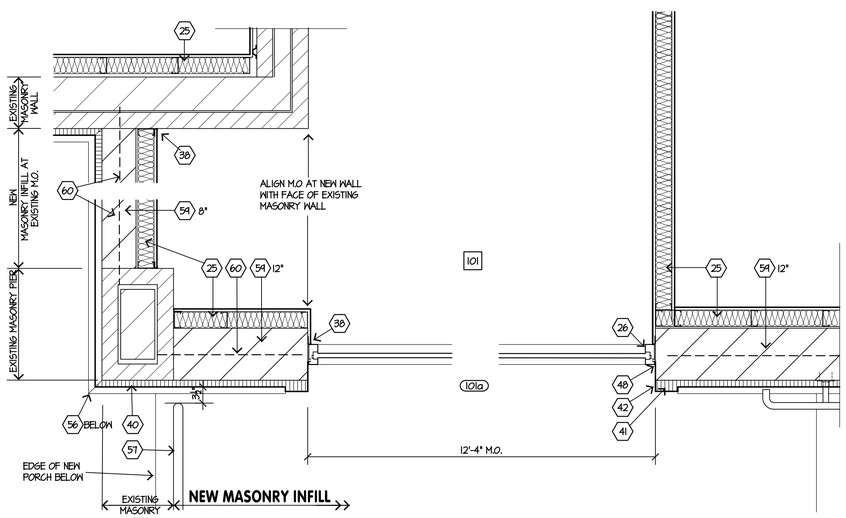

E A2.5 **ENLARGED RECEPTION COUNTER PLAN** 131
1/2"=1'-0"



F A2.5 **BORROWED LITE**
1 1/2"=1'-0"
NEW TRIM AT EXISTING



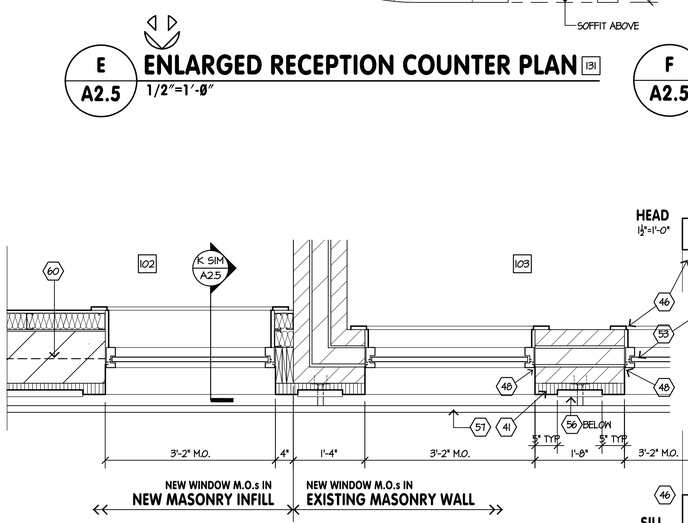

G A2.5 **WINDOW DETAILS**
1 1/2"=1'-0" TYPICAL OF FIVE EXISTING WINDOW M.O.'s



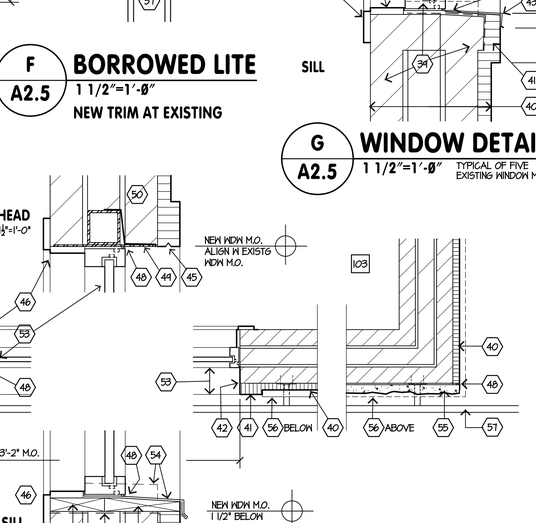

H A2.5 **PLAN DETAIL**
3/4"=1'-0"




J A2.5 **PLAN DETAIL**
3/4"=1'-0"




K A2.5 **WINDOW DETAILS**
3/4"=1'-0"




L A2.5 **PLAN DETAIL**
3/4"=1'-0"
DETAIL IS CUT BELOW NEW WATERTABLE SILL, THROUGH NEW CULTURED STONE AT NORTH FACE AND THRU NEW EIFS AT WEST FACE.

# CHESTNUT STREET RECORDS CENTER
# BUILDING AND SITE REMODELING
for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

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DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG
8546
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Stephen M. Luchtenberg
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Expiration Date: December 31, 2019

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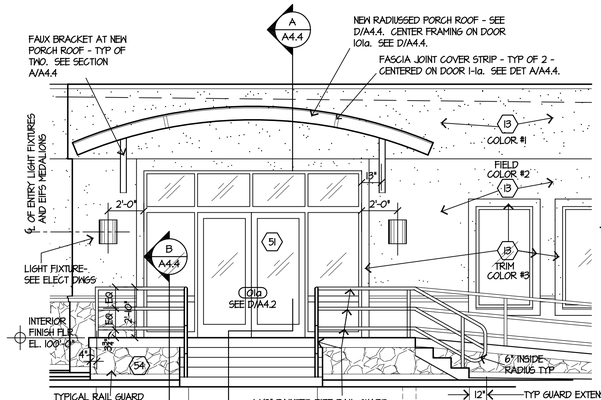
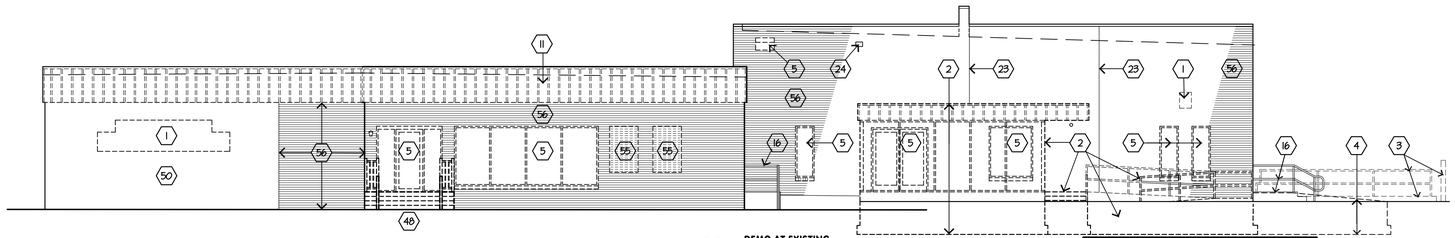
A2.5

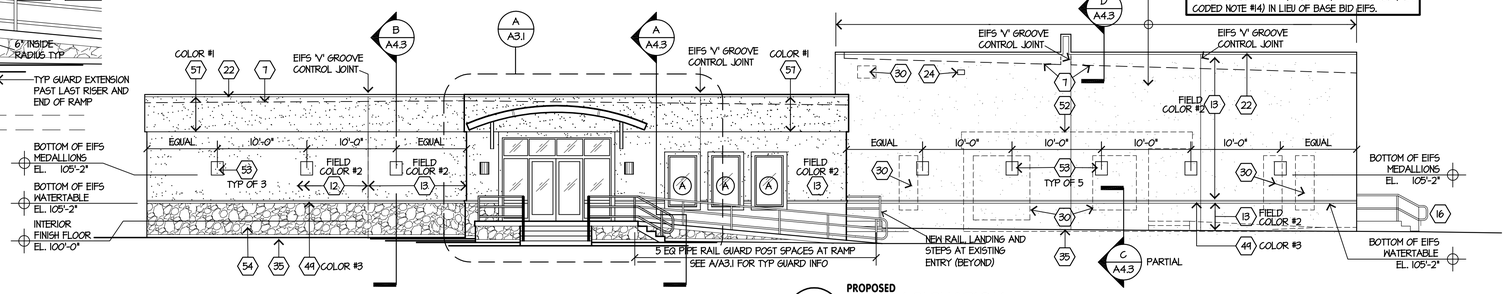



**A A3.1** PARTIAL ENLARGED **NORTH ELEVATION** 1/4"=1'-0"

NEW STOREFRONT ENTRY SYSTEM, PORCH ROOF, PORCH, STEPS, RAMP AND GUARDS.



**B A3.1** DEMO AT EXISTING **NORTH ELEVATION** 1/8"=1'-0"




**C A3.1** PROPOSED **NORTH ELEVATION** 1/8"=1'-0"

BASE BID VENEER:
EIFS AS ILLUSTRATED.

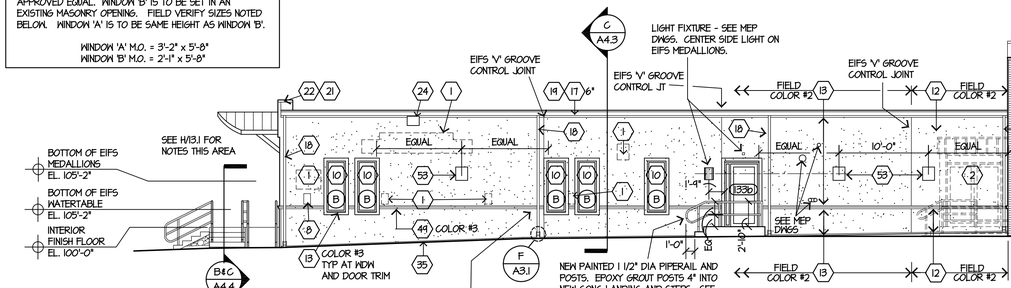
ALT BID #2 VENEER:
TUCKPOINT EXISTING BRICK WHERE NEEDED, AND APPLY SEALER PAINT (COLOR #2) THIS FACADE (PER CODED NOTE #14) IN LIEU OF BASE BID EIFS.



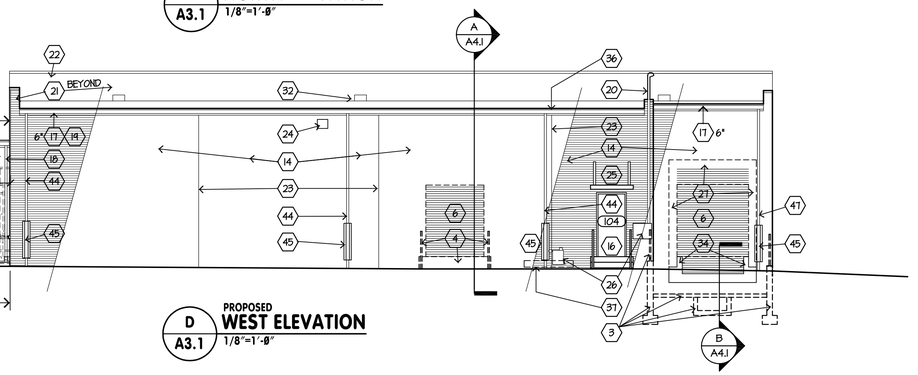

## WINDOW SCHEDULE

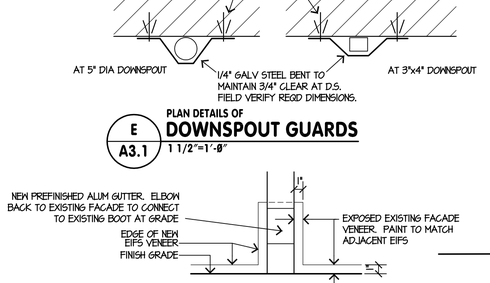
ALL EXTERIOR WINDOWS TO HAVE FIXED, TINTED, INSULATING GLAZING SET IN 2x4.5 PREFINISHED THERMALLY BROKEN ALUMINUM FRAMES. KAWNEER TRIFAB 451T OR APPROVED EQUAL. WINDOW 'B' IS TO BE SET IN AN EXISTING MASONRY OPENING. FIELD VERIFY SIZES NOTED BELOW. WINDOW 'A' IS TO BE SAME HEIGHT AS WINDOW 'B'.

WINDOW 'A' M.O. = 3'-2" x 5'-8"
WINDOW 'B' M.O. = 2'-1" x 5'-8"

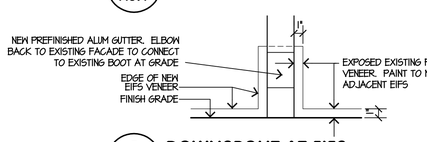



**D A3.1** PROPOSED **WEST ELEVATION** 1/8"=1'-0"

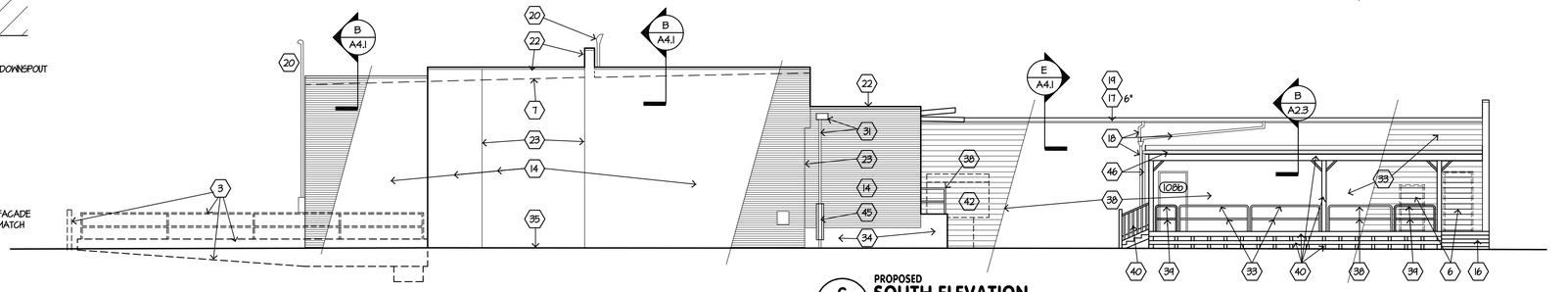



**E A3.1** PLAN DETAILS OF **DOWNSPOUT GUARDS** 1 1/2"=1'-0"

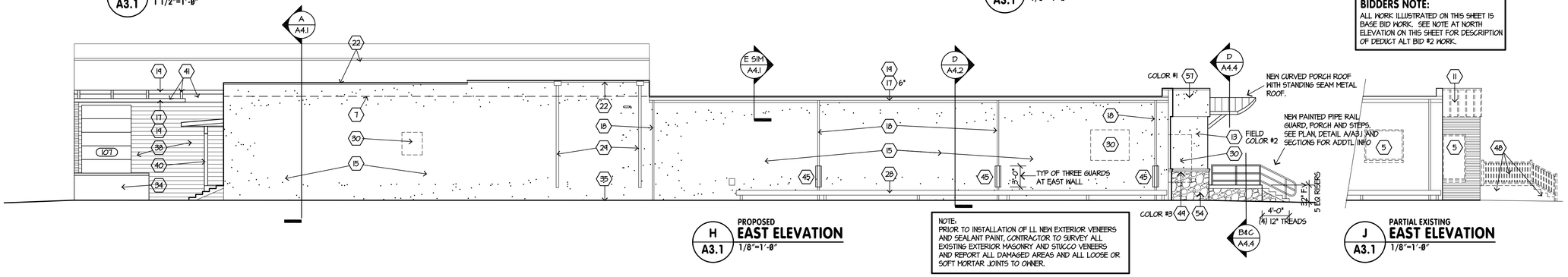



**F A3.1** **DOWNSPOUT AT EIFS** 1 1/2"=1'-0"



**G A3.1** PROPOSED **SOUTH ELEVATION** 1/8"=1'-0"

**BIDDERS NOTE:**
ALL WORK ILLUSTRATED ON THIS SHEET IS BASE BID WORK. SEE NOTE AT NORTH ELEVATION ON THIS SHEET FOR DESCRIPTION OF DEDUCT ALT BID #2 WORK.




**H A3.1** PROPOSED **EAST ELEVATION** 1/8"=1'-0"

NOTE:
PRIOR TO INSTALLATION OF LL NEW EXTERIOR VENEERS AND SEALANT PAINT, CONTRACTOR TO SURVEY ALL EXISTING EXTERIOR MASONRY AND STUCCO VENEERS AND REPORT ALL DAMAGED AREAS AND ALL LOOSE OR SOFT MORTAR JOINTS TO OWNER.



**J A3.1** PARTIAL EXISTING **EAST ELEVATION** 1/8"=1'-0"

## CODED NOTES

1. REMOVE EXISTING SIGNAGE (AREA SHOWN DOTTED) AND SIGNAGE ANCHORS FROM WALL. FILL ALL RESULTANT HOLES WITH SEALANT, COLOR TO MATCH COLOR OF ADJACENT SURFACE.
2. REMOVE EXISTING VESTIBULE STRUCTURE AND ASSOCIATED EXTERIOR STEPS, RAMP, RAILINGS, AND FOUNDATIONS. SEE DEMO PLAN.
3. REMOVE EXISTING RAILING, BOLLARDS, LOADING DOCK RAMP PAVING, CATCH BASIN, RETAINING WALLS AND RETAINING WALL FOUNDATIONS. FILL UP TO GRADE PER INSTRUCTIONS ON SITE PLAN.
4. REMOVE EXISTING RAMP PAVING, FOUNDATION WALLS, FOOTINGS AND EXISTING ENGINEERED FILL UNDER RAMP PAVING. SEE SITE PLAN FOR ADDITIONAL INFO.
5. REMOVE EXISTING STOREFRONT ENTRY SYSTEM AND EXISTING WINDOW AND ROWLOCK SILL (WHERE SHOWN DOTTED).
6. REMOVE EXISTING OVERHEAD DOOR AND TRACK OR MAN DOOR AND FRAME. FILL RESULTANT OPENING WITH MASONRY AS CALLED FOR ON PLANS.
7. APPROX TOP OF ROOFING BEYOND PARAPET SHOWN DOTTED. SEE ROOF PLAN.
8. REMOVE EXISTING ADA PARKING SIGN FROM EXISTING FACADE. REMOUNT EXISTING SIGN ON NEW SYNTHETIC STUCCO VENEER WHERE SHOWN ON SITE PLAN.
9. REMOVE EXISTING WOOD SHED.
10. REPLACE EXISTING WINDOW WITH NEW WINDOW AS SCHEDULED. SEE DETAIL 6/A2.5.
11. REMOVE EXISTING 4' HIGH METAL FASCIA AND SUBFRAMING.
12. NEW EIFS SYSTEM OVER EXISTING STUCCO VENEER (WITH INTEGRAL COLOR AS SELECTED).
13. NEW EIFS VENEER (WITH INTEGRAL COLOR AS SELECTED) OVER EXISTING MASONRY VENEER. PRIOR TO INSTALLATION OF SYNTHETIC STUCCO, CONTRACTOR SHALL TUCKPOINT ALL AREAS OF LOOSE OR MISSING MORTAR IN THE EXISTING EXTERIOR MASONRY, AND SHALL OBTAIN ACCEPTANCE OF SAID WORK BY THE OWNER, AND SHALL COORDINATE INSTALLATION OF ALL NEW OR REPOSITIONING OF ANY EXISTING WALL MOUNTED MECH, ELECT, PLUMBING OR SPRINKLER SYSTEM-RELATED ITEMS.
14. EXISTING BRICK VENEER - TUCKPOINT ALL AREAS OF LOOSE OR MISSING MORTAR. AFTER ACCEPTANCE OF TUCKPOINTING BY OWNER, SEAL EXISTING MASONRY WITH SEALER PAINT AS SPECIFIED. COLOR AS SELECTED.
15. EXISTING STUCCO VENEER - PATCH ALL DAMAGED OR CRACKED AREAS OF EXISTING STUCCO. AFTER ACCEPTANCE OF PATCHING BY OWNER, COAT EXISTING STUCCO WITH SEALER PAINT AS SPECIFIED. COLOR AS SELECTED.
16. EXISTING CONC STOP, STEPS AND PIPE RAILING TO REMAIN. PAINT RAILING COLOR AS SELECTED.
17. REPLACE EXISTING GUTTER WITH NEW PREFINISHED ALUMINUM OGEE GUTTER AS DETAILED. SIZE AS NOTED. COLOR AS SELECTED.
18. REPLACE EXISTING DOWNSPOUT WITH NEW 3"X4" CONT PREFINISHED ALUMINUM DOWNSPOUT DOWN INTO EXISTING BOOT AT GRADE. COLOR AS SELECTED.
19. REPLACE EXISTING FASCIA AS DETAILED.
20. EXISTING WEATHERHEAD TO REMAIN. PAINT CONDUIT COLOR AS SELECTED.
21. EXISTING PARAPET. SEE SECTIONS AND DETAILS FOR ADDITIONAL INFO.
22. REPLACE EXISTING FASCIA OR PARAPET COPING AND ANY ASSOCIATED DAMAGED BLOCKING AS DETAILED. TYPICAL.
23. RAKE OUT EXISTING CONTROL JOINT. REPACK WITH NEW BACKER ROD AND SEALANT. SEALANT COLOR ON EXPOSED JOINTS TO BE AS SELECTED TO MATCH NEW SEALER PAINT AT ADJACENT SURFACES.
24. EXISTING LIGHT FIXTURE - SEE ELECT.
25. EXISTING PORCH ROOF TO REMAIN.
26. EXISTING UTILITY SERVICE METERS TO REMAIN.
27. REMOVE EXISTING DOCK SHELTER.
28. EXISTING GUARDRAIL TO REMAIN.
29. PAINT EXISTING STRUCTURAL STEEL STRAPS. COLOR AS SELECTED.
30. INFILL CEILINGS AT DEMO'D EXHAUST FAN, WINDOWS AND DOORS AS SCHEDULED ON THE FLOOR PLAN.
31. EXISTING METAL SCUPPER TO REMAIN. PAINT COLOR AS SELECTED. ADD NEW 3x4 PREFINISHED ALUMINUM DOWNSPOUT TO NEW CONCRETE SPLASHBLOCK AT GRADE.
32. EXISTING SCUPPER OPENING THROUGH PARAPET WALL. COVER WITH NEW ADHERED MEMBRANE FLASHING. TYP OF THREE AT THIS WALL.
33. EXISTING BLOCK VENEER - TUCKPOINT ALL AREAS OF LOOSE OR MISSING MORTAR. AFTER ACCEPTANCE OF TUCKPOINTING BY OWNER, SEAL MASONRY WITH SEALER PAINT AS SPECIFIED. COLOR AS SELECTED.
34. EXISTING EXPOSED EXTERIOR CONCRETE WALL - SEAL WITH SEALER PAINT AS SPECIFIED. COLOR AS SELECTED.
35. APPROX FINISH GRADE. FIELD VERIFY.
36. FIELD DETERMINE LOCATION OF STORMWATER ENTRY INTO EXISTING MASONRY WALL AT THIS GENERAL LOCATION. PATCH AND REPAIR MASONRY OR FASCIA AS REQ'D TO PREVENT FUTURE LEAKAGE.
37. IN AREA SHOWN DOTTED, DRILL TEMPORARY WEEPS THRU EXTERIOR FACE OF EXISTING MASONRY INTO BLOCK CORES AT 4" ABOVE GRADE AS REQ'D TO DRAIN WATER FROM INTERIOR OF WALL. PRIOR TO PAINTING AND SEALING THE WALL AND AFTER THE MASONRY CORES ARE DRIED OUT, PATCH HOLES.
38. EXISTING PIPERAIL. REMOVE RUST. PAINT COLOR AS SELECTED.
39. NEW REMOVABLE 1 1/2" DIA PIPERAIL. SET POSTS IN CONCEALED SLEEVE SECURED TO EXISTING WOOD PORCH FRAMING. HOLD TOP OF SLEEVE FLUSH WITH TOP OF PORCH SURFACE. RADIUS POST/RAIL CORNERS TO MATCH EXISTING. HOLD NEW RAIL POST MAX 3" FROM ADJACENT EXISTING RAIL POST OR ROOF POST. PAINT PIPERAIL COLOR AS SELECTED.
40. PAINT EXISTING WOOD PORCH, PORCH FRAMING, WOOD STAIR STRUCTURE AND RAIL, POSTS AND EXPOSED ROOF FRAMING MEMBERS AS NOTED ON FLOOR PLANS.
41. REMOVE RUST FROM AND PAINT ALL EXPOSED EXISTING STEEL ROOF STRUCTURE MEMBERS.
42. REMOVE EXISTING WOOD SHED SHOWN DOTTED.
43. REMOVE EXISTING VENT HOOD. INFILL RESULTANT MASONRY OPENING WITH BRICK AND CONCRETE BLOCK TO ALIGN WITH AND BLEND WITH EXISTING ADJACENT MASONRY.
44. REPLACE EXISTING DOWNSPOUT WITH NEW CONT 5" DIA PREFINISHED ALUMINUM DOWNSPOUT DOWN INTO EXISTING BOOT AT GRADE.
45. 48" LONG PAINTED STEEL DOWNSPOUT GUARD BOLTED TO WALL. MAINTAIN MIN 3/4" CLEAR BETWEEN DOWNSPOUT AND GUARD. PAINT GUARD COLOR AS SELECTED. HOLD BOTTOM OF GUARD AT 12" ABOVE FIN GRADE UNO. SEE DETAIL E/A4.1.
46. REPLACE EXISTING GUTTER AND DOWNSPOUT WITH NEW CONT PREFINISHED 4" ALUMINUM OGEE GUTTER AND NEW PREFINISHED 2x3 ALUMINUM DOWNSPOUT.
47. NEW PREFINISHED 5" DIA CONT ALUMINUM DOWNSPOUT DOWN TO NEW CONCRETE SPLASHBLOCK AT GRADE.
48. REMOVE EXISTING PORCH, FOUNDATIONS, STEPS AND RAILING.
49. EIFS-COVERED FOAM WATERTABLE. SHAPE AS DETAILED. INTEGRAL COLOR AS NOTED.
50. EXISTING STUCCO VENEER.
51. NEW STOREFRONT DOOR, SIDELIGHT AND TRANSOM AS SCHEDULED AND SPECIFIED.
52. AFTER DEMOLITION OF EXISTING VESTIBULE STRUCTURE (PROFILE SHOWN DOTTED), REMOVE ALL RESIDUAL HANGERS, CONNECTORS, SEALANT, ETC, AND PATCH ALL RESIDUAL HOLES IN OR DAMAGE TO EXISTING REMAINING MASONRY.
53. RAISED 1'-4" WIDE X 1'-6" TALL EIFS MEDALLION AS DETAILED ON B/A4.3. INTEGRAL COLOR #4 AS SELECTED.
54. NEW CULTURED STONE VENEER OVER EXISTING VENEER. STONE STYLE AND COLOR AS SELECTED.
55. REMOVE EXISTING MASONRY AS REQ'D FOR NEW WINDOW. SEE DETAIL K/A5.5.
56. EXISTING BRICK VENEER.
57. NEW 3 1/2" THICK EIFS VENEER ON EXISTG MASONRY VENEER.

**CHESTNUT STREET RECORDS CENTER**
**BUILDING AND SITE REMODELING**
**for the FAIRFIELD COUNTY COMMISSIONERS** 138 W. Chestnut St. Lancaster, OH 43130

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DRAWN BY: SML

STATE OF OHIO · STEPHEN M. LUCHTENBERG 8546 · REGISTERED ARCHITECT

Stephen M. Luchtenberg
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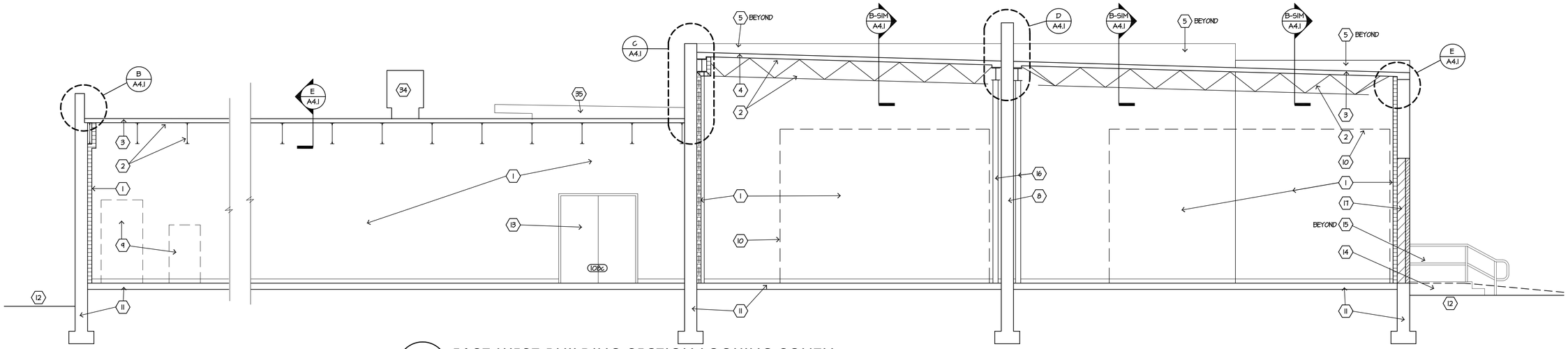
Expiration Date: December 31, 2019

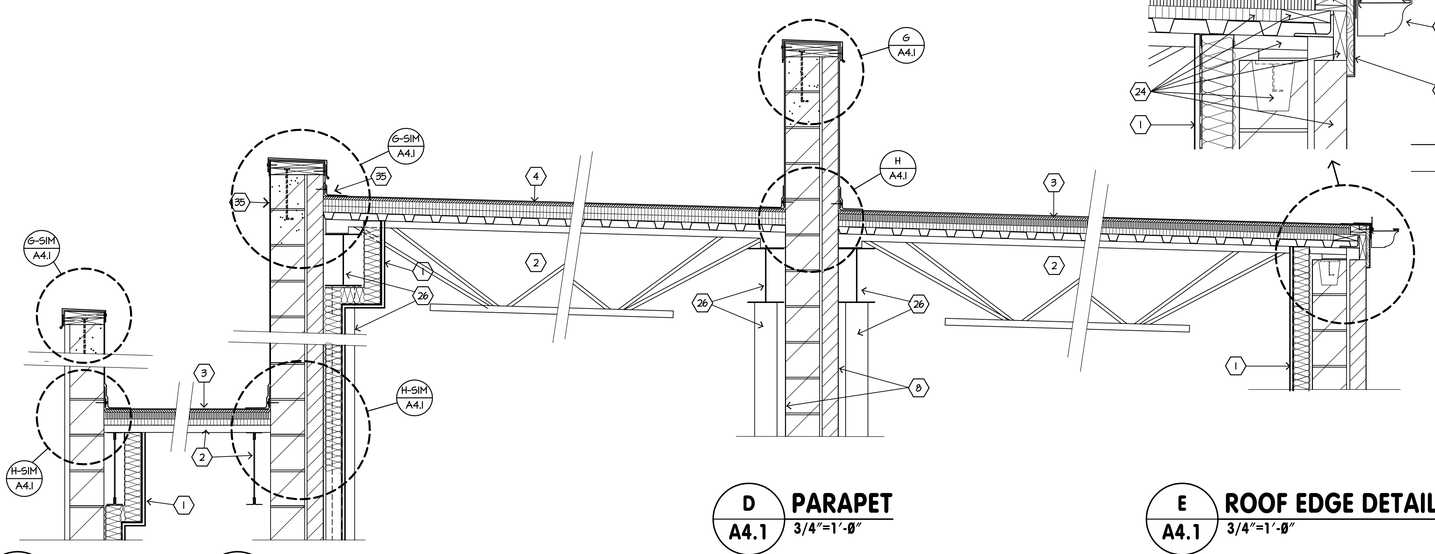
**EXTERIOR ELEVATIONS**

DRAWING NUMBER
**A3.1**




## A A4.1 EAST-WEST BUILDING SECTION LOOKING SOUTH

1/4"=1'-0"

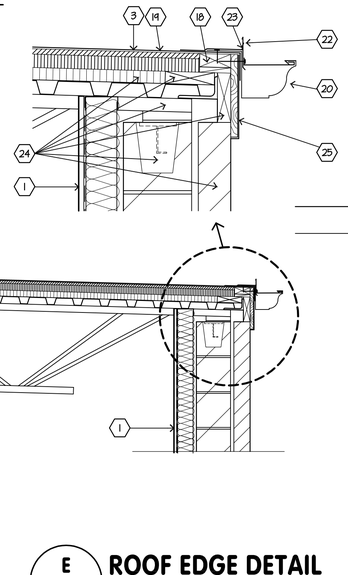



## B A4.1 PARAPET

3/4"=1'-0"

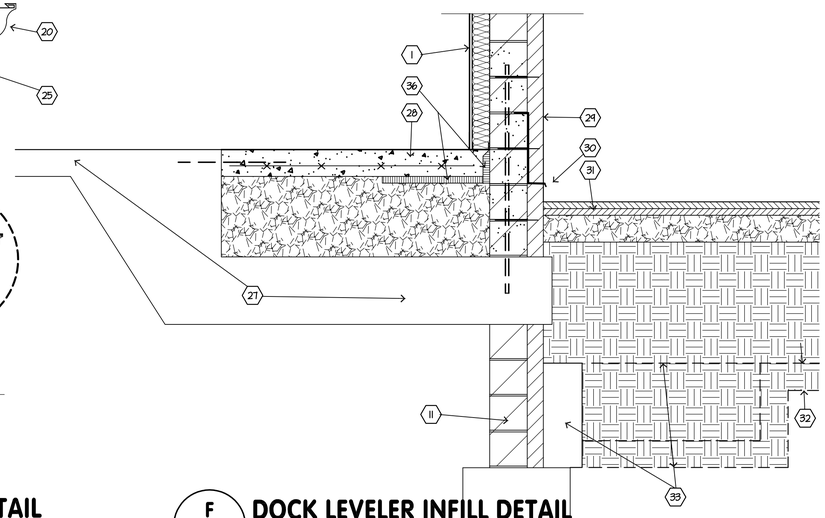
## C A4.1 PARAPET

3/4"=1'-0"




## D A4.1 PARAPET

3/4"=1'-0"

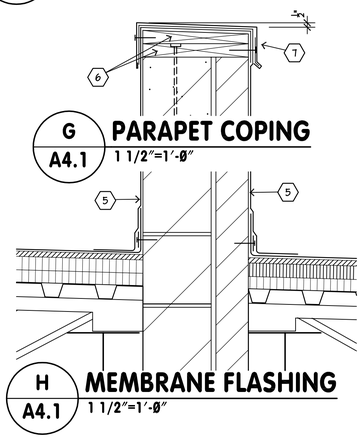



## E A4.1 ROOF EDGE DETAIL

3/4"=1'-0"

## F A4.1 DOCK LEVELER INFILL DETAIL

3/4"=1'-0"




## G A4.1 PARAPET COPING

1 1/2"=1'-0"

## H A4.1 MEMBRANE FLASHING

1 1/2"=1'-0"

## CODED NOTES

1. NEW PAINTED 5/8" DRYWALL (COLOR AS SELECTED) ON CONT NEW 6 MIL VAPOR BARRIER (VB SHOWN DOTTED) ON NEW 20 GA 3 5/8" METAL STUDS AT 16" OC ON EXISTING EXTERIOR MASONRY WALL. CLIP STUDS TO ADJACENT MASONRY WALL PER WALL LEGEND ON SHEET A2.2. FILL ALL STUD CAVITIES (WHERE ADJACENT TO EXTERIOR) WITH 3 1/2" HIGH DENSITY R-15 BATT INSULATION. PROVIDE NEW VINYL BASE PER ROOM FINISH SCHEDULE - COLOR AS SELECTED. NEW WALL CONSTRUCTION TO RUN FROM TOP OF FLOOR SLAB TO UNDERSIDE OF EXISTING ROOF DECK (WRAP AROUND STRUCTURAL STEEL WHERE NECESSARY AS SHOWN). INSTALL CONTINUOUS FIREBLOCKING IN WALL PER FIREBLOCKING NOTE ON SHEET A2.2. PRIOR TO INSTALLATION OF ANY NEW WALL MATERIALS, CONTRACTOR SHALL SURVEY ENTIRE INTERIOR FACE OF MASONRY WALL, IDENTIFY TO THE OWNER ALL AREAS REQUIRING TUCKPOINTING AND THEN TUCKPOINT ALL AREAS OF WEAK, DAMAGED OR MISSING MORTAR.
2. PAINT ALL EXPOSED BAR JOISTS, ROOF DECK, BRACES, BEAMS, COLUMNS, CONDUIT, WATER, GAS AND SPRINKLER PIPING - COLOR AS SELECTED.
3. NEW .060 EPDM SINGLE PLY ROOFING FULLY ADHERED TO NEW 1/2" COVER BD ATTACHED TO EXISTING ROOF DECK THRU NEW 1 1/2" POLYISOCYANURATE INSULATION BOARD AND THRU EXISTING SINGLE PLY ROOFING AND EXISTING 1 1/2" POLYISO. SEE ROOF PLAN FOR AREAS RECEIVING NEW POLYISO INSULATION. PRIOR TO INSTALLATION OF NEW ROOFING, IN ORDER TO PREVENT FURTHER SHRINKAGE OF EXISTING ROOFING, CONTRACTOR TO SLICE EXISTING ROOF MEMBRANE AT ALL PARAPET WALLS AND CURBS, AND ACROSS ENTIRE ROOF AT MINIMUM 20' INTERVALS IN BOTH DIRECTIONS.
4. NEW .060 EPDM SINGLE PLY ROOFING FULLY ADHERED TO NEW 1/2" COVER BOARD OVER EXISTING SINGLE PLY ROOFING AND 3" OF EXISTING POLYISO INSULATION. SEE ROOF PLAN FOR LIMITS OF AREA WITH 3" OF EXISTING POLYISO INSULATION.
5. NEW FULLY ADHERED MEMBRANE FLASHING DOWN OVER NEW EPDM ROOFING AND UP ON SIDE OF EXISTING MASONRY PARAPET, UP ACROSS AND DOWN THE ENTIRE FRONT OF NEW TREATED 2x COPING BLOCKING AND LAP 1/2" ONTO EXISTING MASONRY. PRIOR TO INSTALLATION OF NEW MEMBRANE FLASHING:
   - 5.1. REMOVE ALL EXISTING MEMBRANE FLASHING,
   - 5.2. REMOVE EXISTING TERMINATION BARS,
   - 5.3. REMOVE EXCESS SEALER, ADHESIVE AND MORTAR FROM EXISTING MASONRY
   - 5.4. REPLACE EXISTING WOOD BLOCKING WITH NEW AS SHOWN
   - 5.5. IDENTIFY ALL AREAS OF LOOSE, DAMAGED OR MISSING MORTAR (ON FACE OF WALL TO RECEIVE FLASHING) TO THE OWNER AND THEN TUCKPOINT ALL SUCH AREAS.
6. NEW CONTINUOUS PRESSURE TREATED TAPERED 2x BLOCKING SECURED TO NEW CONT PRESSURE TREATED 2x BASE BLOCKING SECURED TO MASONRY WALL WITH COUNTERSUNK 1/2" x 12" HOOKED ANCHOR BOLTS SET IN GROUT FILLED CORES AT 32" OC. MIN TWO ANCHOR BOLTS PER BASE BOARD. SLOPE TOP FACE OF TOP COPING BLOCKING DOWN 1/2" TOWARDS INTERIOR ROOF AT ALL PERIMETER WALLS. SLOPE COPING BLOCKING DOWN 1/2" TOWARDS THE WEST AT INTERIOR PARAPET WALLS.
7. PREFINISHED .040 ALUMINUM BREAK METAL COPING CAP SECURED TO CONT CONCEALED CLEAT ON EXTERIOR SIDE OF ALL PERIMETER WALL PARAPETS, AND AT WEST SIDE OF ALL INTERIOR PARAPET WALLS. SECURE OPPOSITE SIDE OF CAP DIRECTLY TO BLOCKING AS SHOWN.
   - 7.1. PROVIDE WEATHERTIGHT GASKET AT ALL CONNECTIONS OF COPING AND CLEATS TO BLOCKING.
   - 7.2. MAKE NO PENETRATIONS THROUGH TOP OR CLEATED FACE OF COPING.
   - 7.3. OVERLAP ADJACENT PIECES OF COPING 4". PROVIDE CONTINUOUS BEAD OF SEALANT BETWEEN OVERLAPPED PIECES FROM BOTTOM EDGE OF FRONT FACE TO BACK FACE AT 1" FROM EXPOSED EDGE OF TOP OVERLAP PIECE. DO NOT PROVIDE ANY MECHANICAL ATTACHMENT OF COPING TO BLOCKING WITHIN 24" OF OVERLAP.
   - 7.4. BOTTOM OF BOTH SIDES OF COPING AT PERIMETER WALLS TO BE 1/2" LOWER THAN MEMBRANE FLASHING AT THAT FACE (TYP).
   - 7.5. PROVIDE HEMMED COPING EDGE AT MECHANICALLY FASTENED SIDE OF COPING.
8. EXISTING MASONRY WALL TO REMAIN EXPOSED. REMOVE ALL PROTRUDING SCREWS, BOLTS, AND UNUSED PIPES, CONDUITS ETC FROM WALL. FILL ALL RESULTANT ATTACHMENT HOLES AND OTHER CRACKS AND IMPERFECTIONS IN WALL. SCRAPE ALL EXCESS MORTAR OFF ALL EXPOSED FACES OF WALL. TUCKPOINT ALL LOOSE OR MISSING MORTAR JOINTS. PAINT ALL EXPOSED FACES OF WALL, COLOR AS SELECTED.
9. EXISTING DOOR AND FRAME TO BE REMOVED AND RESULTANT M.O. TO BE INFILLED (PER FLOOR PLANS) SHOWN DOTTED.
10. NEW ROLLING SHELVING SYSTEM (SHOWN DOTTED) BY OWNER UNDER SEPARATE CONTRACT.
11. EXISTING FOUNDATION WALL AND FLOOR SLAB.
12. APPROX FINISH GRADE OR PAVING.
13. NEW DOOR, FRAME AND HARDWARE AS SCHEDULED.
14. EXISTING RAMP TO BE REMOVED (SHOWN DOTTED) PER PLANS.
15. EXISTING CONCRETE STOOP, STEPS AND PIPERAIL AT MAN DOOR 104 TO REMAIN. PAINT PIPERAIL COLOR AS SELECTED.
16. PAINT EXPOSED EXISTING STEEL COLUMN AND BEAM. COLOR AS SELECTED.
17. NEW MASONRY INFILL AT EXISTING OVERHEAD DOOR OPENING. SEE FLOOR PLANS.
18. NEW PERIMETER TREATED WOOD BLOCKING SECURED TO EXISTING SUBFASCIA BLOCKING.
19. EXTEND ADHERED EPDM ROOFING OVER TOP OF PERIMETER BLOCKING AND DOWN BETWEEN FACE OF FASCIA BREAK METAL AND BACKSIDE OF GUTTER.
20. NEW 6" PREFINISHED SEAMLESS ALUMINUM OGEE GUTTER WITH STRAPS AT 24" OC AND ATTACHMENT FLANGE UP OVER TOP OF PERIMETER BLOCKING.
21. NEW ADHERED MEMBRANE FLASHING UP OVER TOP OF GUTTER FLANGE.
22. NEW CONTINUOUS PREFINISHED ALUMINUM SLOTTED DRAIN BAR SECURED TO BLOCKING WITH GUTTER STRAPS. INSTALL PER ROOFING MFR STANDARD DETAILS.
23. CONTINUOUS SEALANT.
24. ASSUMED CONFIGURATION OF EXISTING METAL DECK, BAR JOIST SEAT, EDGE ANGLE, ROOF EDGE BLOCKING, EDGE ANGLE BLOCKING, SINGLE LAYER OF POLYISO INSULATION AND MASONRY WALL. IF FOUND TO BE DIFFERENT, ALERT ARCHITECT PRIOR TO DOING WITH WORK IN THIS AREA.
25. REMOVE EXISTING FASCIA BOARD AND INSTALL NEW 1X10 REDWOOD FASCIA SECURED TO (ASSUMED) EXISTING SUBFASCIA BLOCKING. REPLACE ANY DAMAGED OR ROTTED BLOCKING WITH NEW TREATED WOOD BLOCKING. COVER EXPOSED SURFACES OF NEW FASCIA WITH PREFINISHED .040 ALUMINUM BREAK METAL. COLOR AS SELECTED.
26. EXISTING STEEL BEAM AND COLUMN. PAINT COLOR AS SELECTED.
27. ASSUMED PROFILE OF EXISTING CONCRETE STRUCTURE UNDERNEATH EXISTING DOCK LEVELER.
28. NEW 6" CONCRETE SLAB (AT DOCK LEVELER VOID) WITH 6x6 W1.4xW1.4 WWF ON 6 MIL VAPOR BARRIER ON COMPACTED CRUSHED GRAVEL FILL.
   - 28.1. DOWEL NEW SLAB TO EXISTING WITH 18" LONG #6 DOWELS AT 24" OC, EPOXY GROUTED 6" INTO EXISTING SLAB
   - 28.2. PROVIDE 1/2" EXPANSION MATERIAL BETWEEN NEW SLAB AND EXTERIOR WALL.
29. NEW 4" BRICK VENEER ON NEW 8 CONC BLOCK INFILL AT EXISTING OVERHEAD DOOR OPENING. NEW MORTAR JOINTS TO ALIGN WITH EXISTING. PROVIDE CONT MASONRY JOINT REINF AT EVERY OTHER COURSE. PROVIDE 48" LONG #6 VERTICAL DOWELS AT 24" OC IN GROUT FILLED CORES, DOWELED 8" INTO EXISTING CONCRETE STURCTURE AS SHOWN.
30. THRU WALL MASONRY FLASHING WITH WEEPS AT 24" OC.
31. NEW PAVING OVER COMPACTED FILL AS NOTED ON FLOOR PLANS.
32. EXISTING RAMP PAVING TO BE REMOVED (SHOWN DOTTED).
33. REMOVE EXISTING CONC CATCH BASIN WHERE SHOWN DOTTED. LEAVE EXISTING CONC CATCH BASIN WALL WHERE UP AGAINST EXISTING FOUNDATION WALL (SHOWN WITH SOLID LINES).
34. PROFILE OF NEW ROOF TOP HVAC UNIT AND CURB BEYOND.
35. ADHERE NEW MEMBRANE FLASHING 6" ONTO TOP OF EXISTING LOWER ROOF SURFACE, UP, OVER AND DOWN TRANSITION WALL 4" ONTO UPPER ROOF. ADHERE NEW ROOF MEMBRANE 6" ONTO UPPER ROOF MEMBRANE, UP, OVER AND DOWN TRANSITION WALL TO 1/2" BELOW BOTTOM OF PARAPET CAP BLOCKING.
36. 1 1/2" RIGID STYROFOAM SM INSULATION R-10 VERTICALLY AT SLAB EDGE AND 24" HORIZONTALLY UNDER SLAB. TAPER TOP EDGE OF INSULATION AT TOP OF SLAB AS SHOWN.

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING

for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130


VPL ARCHITECTS
426 EAST MAIN STREET
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| PERMIT | | 8-4-18 |

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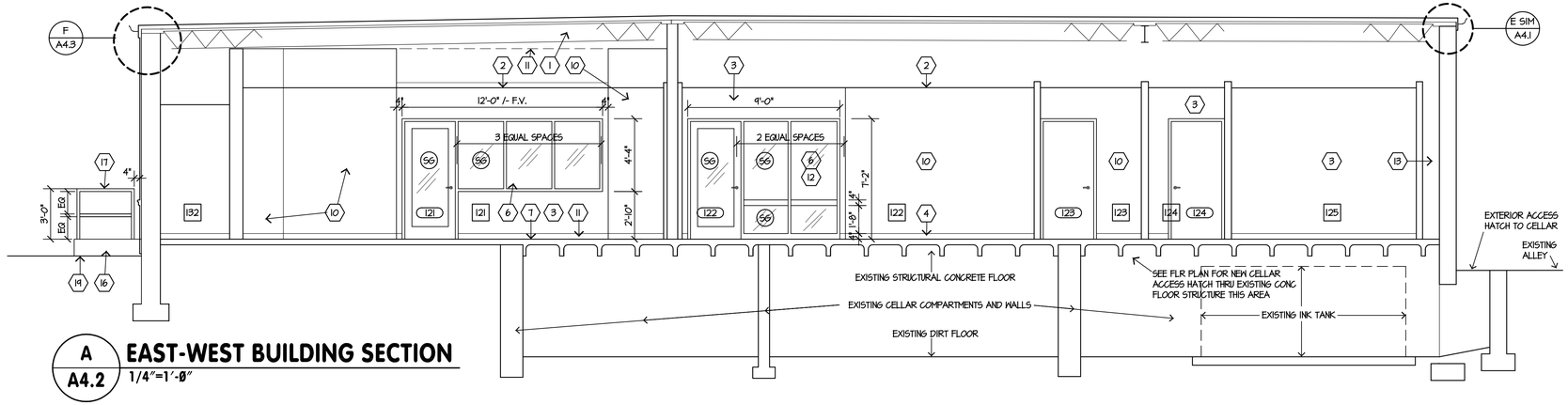
STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

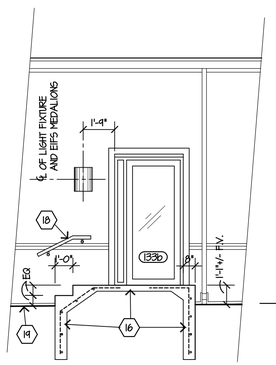
Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**BUILDING SECTION AND DETAILS**

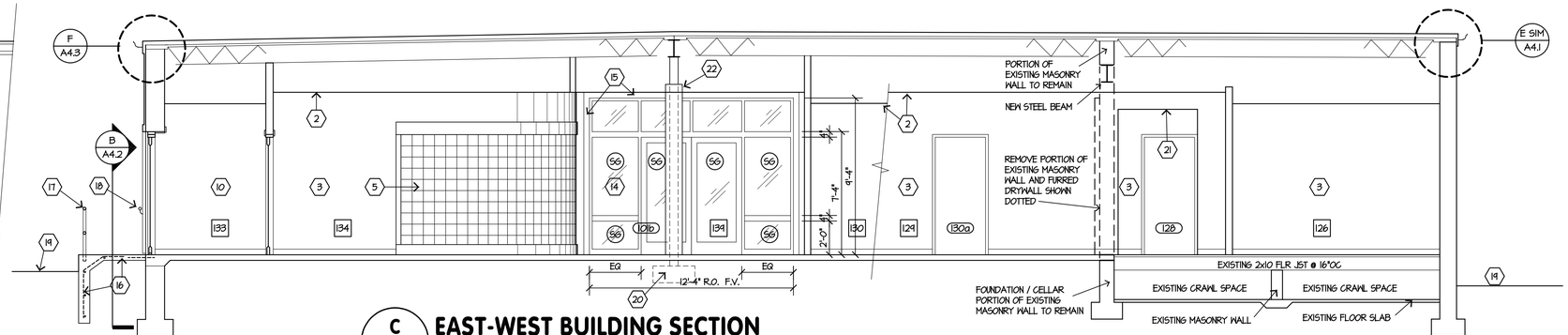
DRAWING NUMBER
**A4.1**



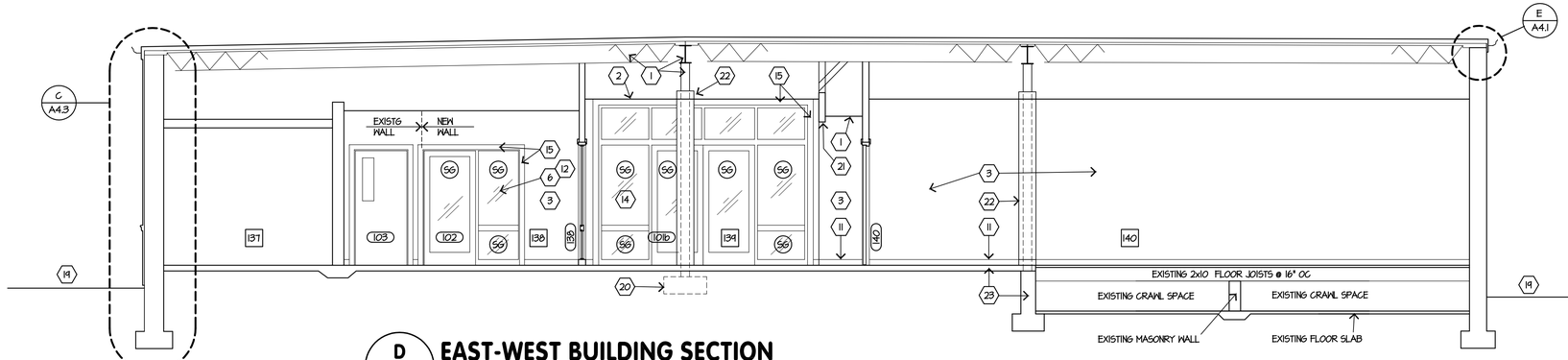

**A A4.2** **EAST-WEST BUILDING SECTION**
1/4"=1'-0"



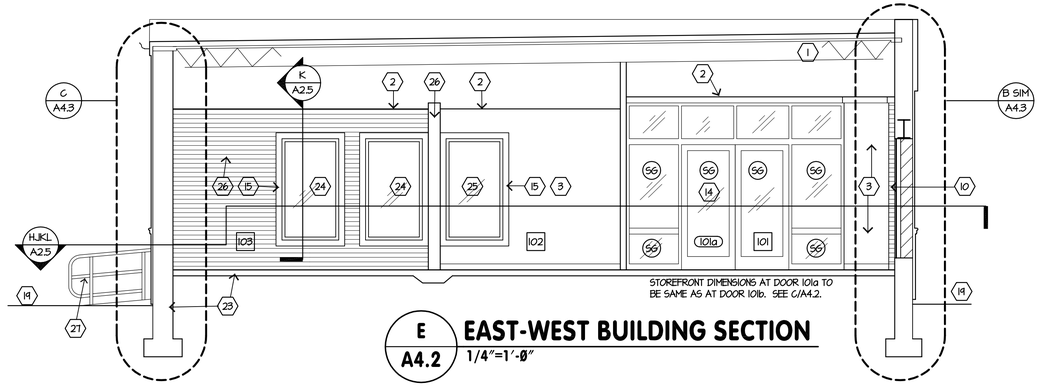

**B A4.2** **SIDE ENTRY**
1/4"=1'-0"



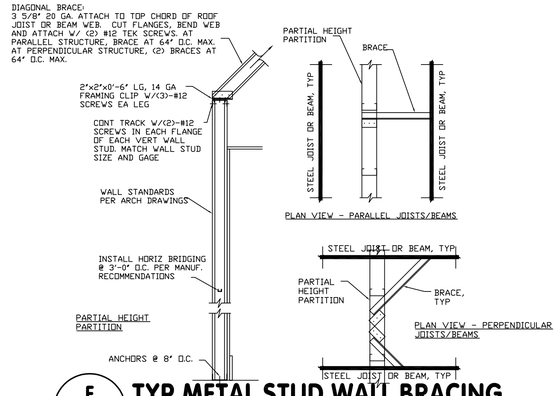

**C A4.2** **EAST-WEST BUILDING SECTION**
1/4"=1'-0"



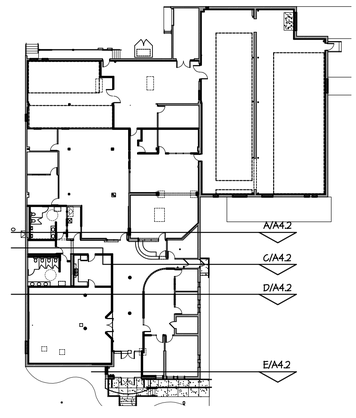

**D A4.2** **EAST-WEST BUILDING SECTION**
1/4"=1'-0"




**E A4.2** **EAST-WEST BUILDING SECTION**
1/4"=1'-0"




**F A4.2** **TYP METAL STUD WALL BRACING**
NO SCALE




**KEY PLAN**

## CODED NOTES

1. EXISTING ROOF STRUCTURE.
2. NEW SUSPENDED ACOUSTICAL CEILING AS SCHEDULED.
3. NEW PAINTED DRYWALL AS SCHEDULED.
4. NEW VINYL BASE AS SCHEDULED.
5. NEW GLASS BLOCK BORROWED LITE WITH STAINED WOOD TRIM AT HEAD, JAMBS AND SILL - SEE DETAIL M/A5.1.
6. NEW HOLLOW METAL BORROWED LITE WITH 1/4" POLISHED CLEAR GLASS PANELS. PROVIDE LAMINATED SAFETY GLAZING WHERE MARKED '56'. SEE DOOR SCHED FOR ADDITIONAL INFO RE GLAZING IN DOORS.
7. NEW FLOORING ON EXISTING FLOOR STRUCTURE AS SCHEDULED.
8. TOP OF NEW PARTITION BEYOND.
9. DOTTED LINE INDICATES LIMITS OF EXISTING MASONRY WALL TO BE REMOVED.
10. EXISTING WALL TO BE PAINTED.
11. NEW VINYL BASE.
12. PROVIDE 4" SILL FRAME AND INTERMEDIATE FRAME AT HM BORROWED LITE AS SHOWN.
13. PLUMBING CAVITY
14. ALUMINUM STOREFRONT WITH GLAZING AS SCHEDULED. PROVIDE LAMINATED SAFETY GLAZING WHERE MARKED '56'. PROVIDE 4" FRAME AT SILL, WAINSCOT AND DOOR HEAD AS SHOWN.
15. STAINED 1x4 HARDWOOD TRIM.
16. NEW 4" CONCRETE SLAB LANDING WITH WI.4xWI.4 6x6 WWF ON 4" GRAVEL BASE ON COMPACTED OR UNDISTURBED EARTH AT EXISTING EXIT DOOR. HOLD TOP OF EAST EDGE OF NEW SLAB 1/2" BELOW TOP OF INTERIOR SLAB AND SLOPE AWAY FROM BUILDING AT 1/8" PER FOOT. BROOM FINISH ALL EXPOSED SURFACES. DOWEL NEW SLAB TO EXISTING WITH 24" LONG #6 DOWELS EPOXY GROUTED 6" INTO EXISTING SLAB AT 18" OC. PROVIDE 8" TURN FOOTING AT PERIMETER OF SLAB AND STEPS. HOLD BOTTOM OF FOOTING 36" BELOW FINISH GRADE. PROVIDE CONT HORIZ #4 REBAR AT 12" OC IN TURN DOWN FOOTING AND HOOKED VERTICAL #4 REBAR FROM FOOTING UP INTO SLAB AT 18" OC. AS SHOWN.
17. NEW 1 1/2" DIA PAINTED PIPERAIL AND POSTS. EPOXY GROUT POSTS 4" INTO NEW SLAB. SEE EXTERIOR ELEVATIONS FOR ADDITIONAL INFO.
18. NEW 1 1/2" DIA PAINTED PIPERAIL (SLOPED AT 34" ABOVE NOSING AT NEW STEPS BEYOND) BRACKETED TO EXISTING WALL. EXTEND PIPERAIL 12" HORIZONTALLY PAST TOP RISER AND 12" SLOPED PAST BOTTOM RISER. FIELD COORDINATE BRACKET LOCATIONS TO AVOID NEW EIFS WATERTABLE TRIM.
19. FINISH GRADE OR TOP OF ADJACENT PAVING.
20. ASSUMED FOOTING AT EXISTING COLUMN SHOWN DOTTED.
21. DRYWALL HEADER AT 8'-8".
22. PREFAB COLUMN ENCLOSURE AT EXISTING COLUMN.
23. EXISTING FOUNDATION WALL AND SLAB.
24. NEW WINDOW (AS SCHEDULED) IN NEW M.O. IN EXISTING BRICK WALL.
25. NEW WINDOW (AS SCHEDULED) IN NEW WALL.
26. EXISTING BRICK WALL TO REMAIN.
27. PIPERAIL GUARD AT SOUTH SIDE OF RAMP BEYOND.

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING

for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

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STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

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**BUILDING SECTIONS & DETAILS**

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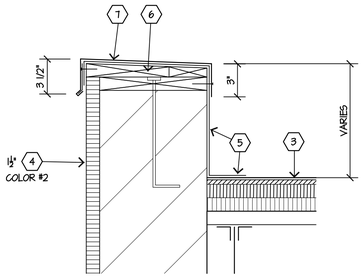
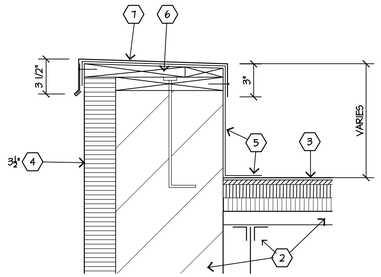
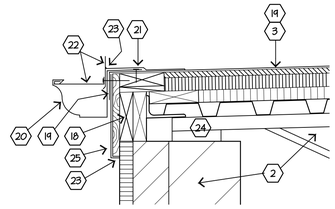


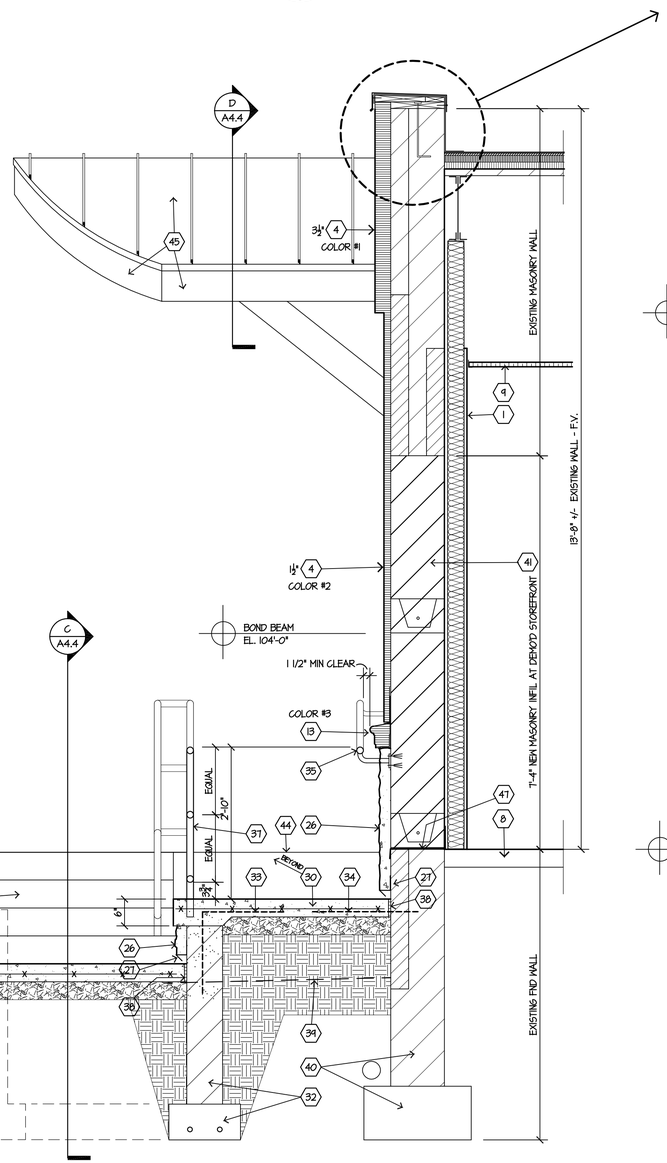

D A4.3 **PARAPET DETAIL**
1 1/2"=1'-0" AT NORTH WALL OF WEST WING



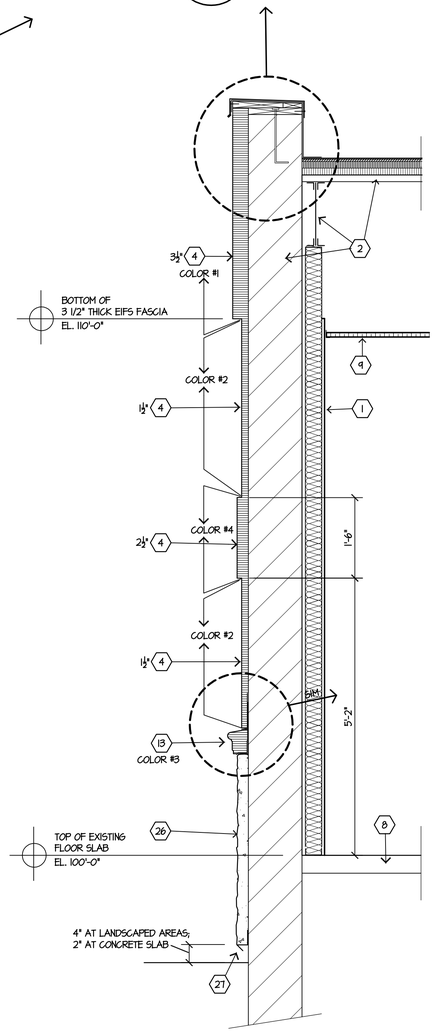

E A4.3 **PARAPET DETAIL**
1 1/2"=1'-0" AT NOTRTH WALL OF EAST WINGS



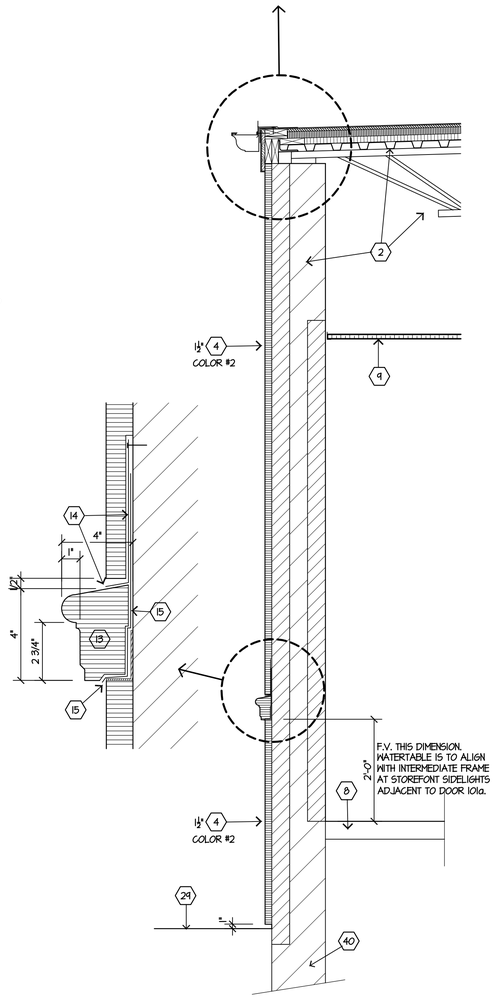

F A4.3 **FASCIA DETAIL**
1 1/2"=1'-0" AT WEST WALL OF EAST WING




A A4.3 **RAMP AND WALL SECTION**
3/4"=1'-0"




B A4.3 **WALL SECTION**
3/4"=1'-0"




C A4.3 **WALL SECTION**
3/4"=1'-0"

## CODED NOTES

1. NEW PAINTED 5/8" DRYWALL (COLOR AS SELECTED) ON CONT NEW 6 MIL VAPOR BARRIER (VB SHOWN DOTTED) ON NEW 20 GA 3 5/8" METAL STUDS AT 16" OC ON EXTERIOR MASONRY WALL. CLIP STUDS TO ADJACENT MASONRY WALL PER WALL LEGEND ON SHEET A2.2. FILL ALL STUD CAVITIES WITH 3 1/2" HIGH DENSITY R-15 BATT INSULATION. PROVIDE NEW VINYL BASE PER ROOM FINISH SCHEDULE - COLOR AS SELECTED. INSTALL CONTINUOUS FIREBLOCKING IN WALL PER FIREBLOCKING NOTE ON SHEET A2.2. PRIOR TO INSTALLATION OF ANY NEW STUD FRAMING AT EXISTING EXTERIOR MASONRY WALL, CONTRACTOR SHALL SURVEY ENTIRE EXISTING MASONRY WALL AND IDENTIFY TO THE OWNER ANY AREAS REQUIRING TUCKPOINTING.
2. EXISTING MASONRY WALL AND ROOF STRUCTURE.
3. NEW .060 EPDM SINGLE PLY ROOFING FULLY ADHERED TO NEW 1/2" COVER BD ON NEW 1 1/2" POLYISOCYANURATE INSULATION BOARD ON EXISTING SINGLE PLY ROOFING, EXISTING 1 1/2" POLYISO AND EXISTING ROOF DECK. PRIOR TO INSTALLATION OF NEW ROOFING, IN ORDER TO PREVENT FURTHER SHRINKAGE OF EXISTING ROOFING, CONTRACTOR TO SLICE EXISTING ROOF MEMBRANE AT CURBS AND ACROSS ENTIRE ROOF AT MINIMUM 20' INTERVALS IN BOTH DIRECTIONS.
4. NEW EIFS VENEER FINISH SYSTEM AS SPECIFIED ON INSULATION BOARD (THICKNESS AS NOTED) ADHEERED TO EXTERIOR WALL. MECHANICALLY FASTEN WHERE EXTERIOR WALL IS PAINTED. SEE EXTERIOR ELEVATIONS FOR EXTENT AND COLOR #.
5. NEW FULLY ADHERED MEMBRANE FLASHING DOWN OVER NEW EPDM ROOFING AND UP ON SIDE OF EXISTING MASONRY PARAPET, ACROSS TOP OF AND DOWN THE ENTIRE FRONT OF NEW TREATED 2x COPING BLOCKING AND LAP 1" ONTO NEW EIFS. PRIOR TO INSTALLATION OF NEW MEMBRANE FLASHING:
   - 5.1. REMOVE ALL EXISTING MEMBRANE FLASHING,
   - 5.2. REMOVE EXISTING TERMINATION BARS,
   - 5.3. REMOVE EXCESS SEALER, ADHESIVE AND MORTAR FROM EXISTING MASONRY
   - 5.4. REPLACE EXISTING WOOD BLOCKING WITH NEW AS SHOWN
   - 5.5. IDENTIFY ALL AREAS OF LOOSE, DAMAGED OR MISSING MORTAR (ON FACE OF WALL TO RECEIVE FLASHING) TO THE OWNER.
6. NEW CONTINUOUS PRESSURE TREATED TAPERED 2x BLOCKING SECURED TO NEW CONT PRESSURE TREATED 2x BASE BLOCKING SECURED TO MASONRY WALL WITH COUNTERSUNK 1/2" x 12" HOOKED ANCHOR BOLTS SET IN GROUT FILLED CORES AT 32" OC. MIN TWO ANCHOR BOLTS PER BASE BOARD. SLOPE TOP FACE OF TOP COPING BLOCKING DOWN 1/2" TOWARDS INTERIOR ROOF AT ALL PERIMETER WALLS. SLOPE COPING BLOCKING DOWN 1/2" TOWARDS THE WEST AT INTERIOR PARAPET WALLS.
7. PREFINISHED .040 ALUMINUM BREAK METAL COPING CAP SECURED TO CONT CONCEALED CLEAT ON EXTERIOR SIDE OF ALL PERIMETER WALL PARAPETS, AND AT WEST SIDE OF ALL INTERIOR PARAPET WALLS. SECURE OPPOSITE SIDE OF CAP DIRECTLY TO BLOCKING AS SHOWN.
   - 7.1. PROVIDE HEATHERTIGHT GASKET AT ALL CONNECTIONS OF COPING AND CLEATS TO BLOCKING.
   - 7.2. MAKE NO PENETRATIONS THROUGH TOP OR CLEATED FACE OF COPING.
   - 7.3. OVERLAP ADJACENT PIECES OF COPING 4". PROVIDE CONTINUOUS BEAD OF SEALANT BETWEEN OVERLAPPED PIECES FROM BOTTOM EDGE OF FRONT FACE TO BACK FACE AT 1" FROM EXPOSED EDGE OF TOP OVERLAP PIECE. DO NOT PROVIDE ANY MECHANICAL ATTACHMENT OF COPING TO BLOCKING WITHIN 24" OF OVERLAP.
   - 7.4. BOTTOM OF BOTH SIDES OF COPING AT PERIMETER WALLS TO BE 1/2" LOWER THAN MEMBRANE FLASHING AT THAT FACE (TYP).
   - 7.5. PROVIDE HEMMED COPING EDGE AT MECHANICALLY FASTENED SIDE OF COPING.
8. EXISTING FLOOR SLAB. SEE ROOM FINISH SCHEDULE FOR FINISH MATERIAL.
9. NEW SUSPENDED CEILING AS SCHEDULED.
10. NOT USED.
11. NOT USED.
12. NOT USED.
13. FOAM WATERTABLE SHAPE COVERED WITH EIFS FINISH. SUPPORT BY ANGLE BRACKETS SUPPLIED AND INSTALLED BY EIFS INSTALLER.
14. PREFINISHED .040 BREAK METAL FLASHING UP 8" BEHIND EIFS TO TERMINATION STRIP AND SEALANT. FLASHING COLOR TO MATCH EIFS WATERTABLE TRIM COLOR.
15. CONTINUOUS .040 PREFINISHED BREAK METAL SUB FLASHING BEHIND WATERTABLE AND UP BEHIND EIFS FLASHING ABOVE. SUBFLASHING COLOR TO MATCH WATERTABLE.
16. NOT USED.
17. NOT USED.
18. NEW PERIMETER TREATED WOOD BLOCKING SECURED TO EXISTING SUBFASCIA BLOCKING.
19. EXTEND ADHERED EPDM ROOFING OVER TOP OF PERIMETER BLOCKING AND DOWN BETWEEN FACE OF FASCIA BREAK METAL AND BACKSIDE OF GUTTER.
20. NEW 6" PREFINISHED SEAMLESS ALUMINUM OGEE GUTTER WITH STRAPS AT 24" OC AND ATTACHMENT FLANGE UP OVER TOP OF PERIMETER BLOCKING.
21. NEW ADHERED MEMBRANE FLASHING UP OVER TOP OF GUTTER FLANGE.
22. NEW CONTINUOUS PREFINISHED ALUMINUM SLOTTED DRAIN BAR SECURED TO BLOCKING WITH GUTTER STRAPS. INSTALL PER ROOFING MFR STANDARD DETAILS.
23. CONTINUOUS SEALANT.
24. ASSUMED CONFIGURATION OF EXISTING METAL DECK, BAR JOIST SEAT, EDGE ANGLE, ROOF EDGE BLOCKING, EDGE ANGLE BLOCKING, SINGLE LAYER OF POLYISO INSULATION AND MASONRY WALL. IF FOUND TO BE DIFFERENT, ALERT ARCHITECT PRIOR TO DOING WITH WORK IN THIS AREA.
25. REMOVE EXISTING FASCIA BOARD AND INSTALL NEW 1x10 REDWOOD FASCIA SECURED TO NEW SUBFASCIA BLOCKING. COVER EXPOSED SURFACES OF NEW FASCIA WITH PREFINISHED .040 ALUMINUM BREAK METAL. COLOR AS SELECTED.
26. NEW CULTURED STONE VENEER / SETTING BED / SCRATCH COAT / SELF-FURRED LATH / EXISTING OR NEW MASONRY VENEER.
27. NEW CONTINUOUS WEEP SCREED.
28. NOT USED.
29. PAVING.
30. 4" CONCRETE SLAB (REBAR WHERE NOTED) WITH 6x6 W1.4xW1.4 WWF ON 4" OF WASHED STONE CHOCKED WITH SAND ON COMPACTED FILL ON UNDISTURBED EARTH. SEE SITE LAYOUT PLAN AND GRADING PLAN FOR TOP OF CONC ELEVATIONS AND CONCRETE FINISH NOTES.
31. CONCRETE STEPS BEYOND. FORM STEP FOUR TO HAVE 3" OVERHANG BEYOND EXPOSED FACE OF FOUNDATION WALL (AS COVER FOR TOP OF CULTURED STONE ON FACE OF FOUNDATION WALL).
32. NEW FOUNDATION WALL AND REINF CONC FOOTING. SEE PLANS. SAWCUT TOP OF WALL AS REQUIRED TO FOLLOW SLOPE OF STEPS AND RAMP AS SHOWN.
33. HOOKED #5 x 24 x 24 REBAR IN GROUT FILLED CORES AT 24" OC.
34. 24" LONG #5 DOWEL AT 24" OC EPOXIED 6" INTO EXISTING MASONRY WALL WITH SIMPSON ET-HP.
35. 1½" DIA PAINTED PIPERAIL BRACKETED THRU CULTURED STONE AND EIFS TO MASONRY WALL. FLASH AND SEAL PENETRATION AS NECESSARY. TOP OF RAIL - 34" ABOVE RAMP, SLOPING WITH RAMP. EXTEND RAIL 12" HORIZONTALLY PAST TOP AND BOTTOM OF RAMP AT 34" ABOVE SLAB.
36. FINISH GRADE. SEE SITE GRADING PLAN.
37. PAINTED 1 1/2" DIA PIPERAIL GUARD. SEE A/A3.1 FOR DIMENSIONS AND INSTALLATION.
38. CONT 1/2" EXPANSION MATERIAL.
39. EXISTING FINISH GRADE SHOWN DOTTED.
40. EXISTING MASONRY WALL AND FOOTING.
41. NEW 12 CONC BLOCK INFILL AT EXISTING STOREFRONT OPENING. INSTALL CONT MASONRY JOINT REINF AT EVERY OTHER COURSE. INSTALL CONT BOND BEAMS AT EL 100'-0" AND AT EL. 104'-0" WITH CONT #4 DOWEL EPOXIED INTO EXISTING MASONRY WALL BEYOND PER PLAN DETAILS ON A2.5.
42. NOT USED
43. NOT USED.
44. TOP OF NEW PORCH SLAB BEYOND. SEE SITE GRADING PLAN FOR TOP OF CONCRETE SLAB ELEVATIONS.
45. FASCIA AND STANDING SEAM ROOF AT NEW CANTILEVERED ROOF BEYOND.
46. PAINT EXPOSED WALL UNDER NEW CULTURED STONE, COLOR AS SELECTED. (TYPICAL)
47. INSTALL THRU WALL MASONRY FLASHING UNDER NEW BOND BEAM AT BOTTOM OF NEW MASONRY INFILL. TURN FLASHING UP 8" ON INSIDE FACE OF MASONRY AND TACK IN PLACE.

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| PRELIM | | 7-31-18 |
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DRAWN BY: SML

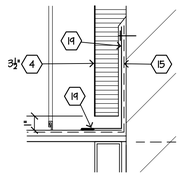
Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**BUILDING SECTIONS & DETAILS**

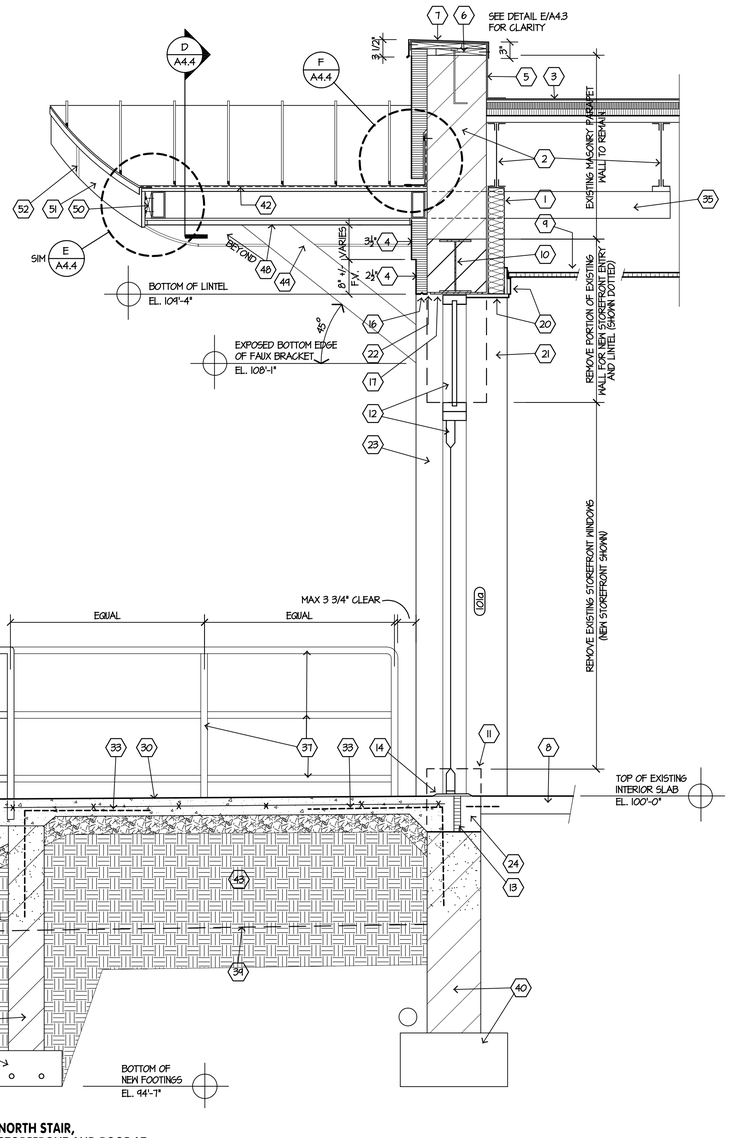
DRAWING NUMBER
**A4.3**

# CODED NOTES

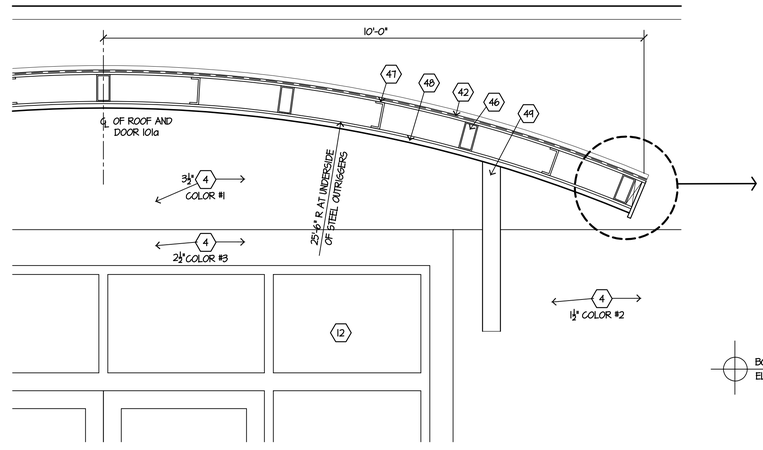
1. NEW PAINTED DRYWALL PARTITION AS SCHEDULED.
2. EXISTING MASONRY WALL AND ROOF STRUCTURE.
3. NEW .060 EPDM SINGLE PLY ROOFING FULLY ADHERED TO NEW 1/2" COVER BD ON NEW 1 1/2" POLYISOCYANURATE INSULATION BOARD ON EXISTING SINGLE PLY ROOFING, EXISTING 1 1/2" POLYISO AND EXISTING ROOF DECK. PRIOR TO INSTALLATION OF NEW ROOFING, IN ORDER TO PREVENT FURTHER SHRINKAGE OF EXISTING ROOFING, CONTRACTOR TO SLICE EXISTING ROOF MEMBRANE AT GURBS AND ACROSS ENTIRE ROOF AT MINIMUM 20' INTERVALS IN BOTH DIRECTIONS.
4. NEW EIFS VENEER FINISH SYSTEM AS SPECIFIED ON INSULATION BOARD (THICKNESS AS NOTED) ADHEERED TO EXTERIOR WALL. MECHANICALLY FASTEN WHERE EXTERIOR WALL IS PAINTED. SEE EXTERIOR ELEVATIONS FOR EXTENT AND COLOR #.
5. NEW FULLY ADHERED MEMBRANE FLASHING DOWN OVER NEW EPDM ROOFING AND UP ON SIDE OF EXISTING MASONRY PARAPET, ACROSS TOP OF AND DOWN THE ENTIRE FRONT OF NEW TREATED 2x COPING BLOCKING AND LAP 1" ONTO NEW EIFS. PRIOR TO INSTALLATION OF NEW MEMBRANE FLASHING:
   - 5.1. REMOVE ALL EXISTING MEMBRANE FLASHING,
   - 5.2. REMOVE EXISTING TERMINATION BARS,
   - 5.3. REMOVE EXCESS SEALER, ADHESIVE AND MORTAR FROM EXISTING MASONRY
   - 5.4. REPLACE EXISTING WOOD BLOCKING WITH NEW AS SHOWN
   - 5.5. IDENTIFY ALL AREAS OF LOOSE, DAMAGED OR MISSING MORTAR (ON FACE OF WALL TO RECEIVE FLASHING) TO THE OWNER.
6. NEW CONTINUOUS PRESSURE TREATED TAPERED 2x BLOCKING SECURED TO NEW CONT PRESSURE TREATED 2x BASE BLOCKING SECURED TO MASONRY WALL WITH COUNTERSUNK 1/2" x 12" HOOKED ANCHOR BOLTS SET IN GROUT FILLED CORES AT 32" OC. MIN TWO ANCHOR BOLTS PER BASE BOARD. SLOPE TOP FACE OF TOP COPING BLOCKING DOWN 1/2" TOWARDS INTERIOR ROOF AT ALL PERIMETER WALLS. SLOPE COPING BLOCKING DOWN 1/2" TOWARDS THE WEST AT INTERIOR PARAPET WALLS.
7. PREFINISHED .040 ALUMINUM BREAK METAL COPING CAP SEGURED TO CONT CONCEALED CLEAT ON EXTERIOR SIDE OF ALL PERIMETER WALL PARAPETS, AND AT WEST SIDE OF ALL INTERIOR PARAPET WALLS. SECURE OPPOSITE SIDE OF CAP DIRECTLY TO BLOCKING AS SHOWN.
   - 7.1. PROVIDE WEATHERTIGHT GASKET AT ALL CONNECTIONS OF COPING AND CLEATS TO BLOCKING.
   - 7.2. MAKE NO PENETRATIONS THROUGH TOP OR CLEATED FACE OF COPING.
   - 7.3. OVERLAP ADJACENT PIECES OF COPING 4". PROVIDE CONTINUOUS BEAD OF SEALANT BETWEEN OVERLAPPED PIECES FROM BOTTOM EDGE OF FRONT FACE TO BACK FACE AT 1" FROM EXPOSED EDGE OF TOP OVERLAP PIECE. DO NOT PROVIDE ANY MECHANICAL ATTACHMENT OF COPING TO BLOCKING WITHIN 24" OF OVERLAP.
   - 7.4. BOTTOM OF BOTH SIDES OF COPING AT PERIMETER WALLS TO BE 1/2" LOWER THAN MEMBRANE FLASHING AT THAT FACE (TYP).
   - 7.5. PROVIDE HEMMED COPING EDGE AT MECHANICALLY FASTENED SIDE OF COPING.
8. EXISTING FLOOR SLAB. SEE ROOM FINISH SCHEDULE FOR FINISH MATERIAL.
9. NEW SUSPENDED CEILING AS SCHEDULED.
10. NEW STEEL BEAM AND PLATE AS SCHEDULED, WITH MASONRY INFIL UP TO EXISTING MASONRY WALL.
11. AT NEW ENTRY STOREFRONT AREA - REMOVE EXISTING MASONRY SILL WALL DOWN TO 8" BELOW TOP OF SLAB (SHOWN DOTTED).
12. ALUMINUM ENTRY DOOR AND STOREFRONT.
13. 3/4" RIGID INSULATION UNDER THRESHOLD.
14. NEW ADA COMPLIANT THRESHOLD. SET IN CONT BED OF SEALANT.
15. EXTEND ICE AND WATER SHIELD (SHOWN DOTTED) UP 12" ON MASONRY WALL UP BEHIND EIFS.
16. EIFS 'V' GROOVE DRIP.
17. PAINT EXPOSED STEEL LINTEL. COLOR TO MATCH ADJACENT EIFS FINISH.
18. NEW STOREFRONT SIDELIGHTS, TRANSOM AND DOOR AS SCHEDULED. PROVIDE SEALANT AND BACKER ROD AT EXTERIOR EDGES OF PERIMETER FRAME.
19. METAL FLASHING (UP 12" ON ICE AND WATER SHIELD BEHIND EIFS) AND SEALANT BY ROOFING CONTR.
20. lx STAINED HARDWOOD TRIM AND lx4 CASING AT STOREFRONT HEAD.
21. PAINTED DRYWALL AT STOREFRONT JAMBS. TERMINATE WITH PAINTED J-BEAD.
22. CONTINUOUS SEALANT.
23. EIFS AT JAMB PER DETAIL H & J / A2.5.
24. CONCRETE SLAB INFILL WHERE EXISTING MASONRY IS REMOVED. DOWEL TO EXISTING SLAB WITH #5 x 6" DOWELS EPOXY GROUTED 4" INTO EXISTING SLAB AT 18" OC.
25. NOT USED.
26. NEW CULTURED STONE VENEER / SETTING BED / SCRATCH COAT / SELF-FURRED LATH / EXISTING OR NEW MASONRY VENEER.
27. NEW CONTINUOUS WEEP SCREED.
28. #4 REBARS 12" OC EACH WAY. TURN EVERY OTHER REBAR IN TOP LAYER DOWN 24" INTO GROUT FILLED CORES IN FOUNDATION WALL.
29. #3 REBAR AT STAIR NOSING.
30. 4" CONCRETE SLAB (REBAR AS NOTED) WITH 6x6 W1.4xW1.4 WWF ON 4" OF WASHED STONE CHOCKED WITH SAND ON COMPACTED FILL ON UNDISTURBED EARTH. SEE SITE LAYOUT PLAN AND GRADING PLAN FOR TOP OF CONC ELEVATIONS AND CONCRETE FINISH NOTES.
31. CONCRETE STEPS. OVERHANG STEPS 3" BEYOND EXPOSED FACE OF FOUNDATION WALL AT BOTH SIDES (AS COVER FOR TOP OF CULTURED STONE ON FACE OF FOUNDATION WALL).
32. NEW FOUNDATION WALL AND REINF CONC FOOTING. SEE PLANS.
33. HOOKED #5 x 24 x 24 REBAR IN GROUT FILLED CORES AT 24" OC.
34. NOT USED.
35. NEW STEEL OUTRIGGER FOR NEW CANOPY ROOF. OUTRIGGER TO BEAR ON NEW OPENING THRU EXISTING MASONRY WALL, AND TO BE SECURED TO EXISTING BAR JOIST. SEE STRUCT DWGS.
36. FINISH GRADE. SEE SITE GRADING PLAN.
37. PAINTED 1 1/2" DIA PIPERAIL GUARD. SEE A/A3.1 FOR DIMENSIONS AND INSTALLATION.
38. CONT 1/2" EXPANSION MATERIAL.
39. APPROX EXISTING FINISH GRADE SHOWN DOTTED.
40. EXISTING MASONRY WALL AND FOOTING.
41. RAMP EDGE BEYOND.
42. NEW STANDING SEAM ROOFING ON CONTINUOUS SELF ADHERING POLYMER MODIFIED BITUMEN SHEET ICE AND WATER SHIELD ON 5/8" PLYWOOD ROOF SHEATHING ON STEEL FRAMING AS DETAILED. SEGURE SHEATHING TO STEEL EACH FRAMING MEMBER WITH PANCAKE HEADED #12 WOOD TO METAL SCREWS AT 12" OC IN FIELD, @ 4" OC AT PANEL EDGES. EXTEND ICE AND WATER SHIELD OVER TOP OF FASCIA FLASHING. HOLD EXTERIOR EDGE OF ICE AND WATER SHIELD 3/4" BACK FROM FACE OF FASCIA FLASHING. CONCEAL ICE AND WATER SHIELD FROM UV RAYS WITH CONT SEALANT BETWEEN TOP OF FASCIA FLASHING AND UNDERSIDE OF STANDING SEAM ROOFING.
43. COMPACTED FILL.
44. TOPSOIL.
45. 1 1/2" PAINTED PIPERAIL AT 34" ABOVE TREAD NOSING. EXTEND 12" PAST BOTTOM RISER AND RETURN TO POST AS SHOWN. EXTEND HORIZONTALLY PAST TOP RISER TO CONNECT TO POST AT PORCH. (RAIL AT SOUTH SIDE OF STEPS SHOWN HERE. SEE EXTERIOR ELEVATION FOR RAIL AT NORTH SIDE OF STEPS.
46. STEEL TUBE ROOF FRAMING PER STRUCTURAL DWGS. CANT ALL MEMBERS TO BE PARALLEL TO CANOPY ROOF RADIUS LINE AS SHOWN.
47. PROVIDE 3/16x2x7x2 STEEL BENT PLATE OUTRIGGER CENTERED BETWEEN EACH STEEL TUBE, WELDED TO RADIUSED TUBES AT FASCIA AND BUILDING WITH 3/16" FILLET WELDS. BENT PLATES TO BE PARALLEL WITH RADIUS LINE AS SHOWN.
48. CEMENT PLASTER CEILING ON 1/2" CEMENT BOARD SUBSTRATE SECURED TO UNDERSIDE OF STEEL FRAMING MEMBERS WITH PANCAKE HEADED #12 WOOD TO METAL SCREWS AT 12" OC, 4" OC AT PANEL EDGES.
49. FAUX BRACKET TO BE (2) TREATED 2X6s WRAPPED WITH PAINTABLE 3/4" CELLULAR PVC TRIM (BY AZEK OR APPROVED EQUAL), PAINTED TO MATCH STANDING SEAM COLOR. SECURE 2x6s TO EXTERIOR MASONRY WALL AT BUILDING AND TO TREADED WOOD BLOCKING CONCEALED IN CANOPY ROOF FRAMING. FLASH AND SEAL AT EIFS AND CEMENT PLASTER AS REQD FOR WEATHERTIGHT CONNECTION.
50. TREATED 6 3/4" LONG 2x4 WOOD BLOCKING AT 12" OC PARALLEL TO CANOPY ROOF RADIUS. SECURE TO STRUCTURAL TUBE WITH (2) COUNTERSUNK #10 WOOD TO METAL SCREWS AS SHOWN.
51. PAINTABLE 5/8" CELLULAR PVC TRIM (BY AZEK OR APPROVED EQUAL), FORMED TO FIT ROOF EDGE RADII (ROGER BUGH @ BUGH VINYL, INC., 330-305-0080), SECURED TO BLOCKING AT 12" OC. INSTALL CONTINUOUS 12' LONG FASCIA BOARD AT PEAK OF ROOF - CENTERED ON DOOR 101a, WITH BUTT JOINTED BOARDS AT BOTH ENDS OF RADIUSSED FASCIA. CAULK BUTT JOINT.
52. COVER FASCIA BOARD BUTT JOINT WITH TIGHTLY FIT 2" WIDE PREFINISHED .040 ALUMINUM BREAK METAL COVER STRIP UP UNDER ROOF EDGE FLASHING, BENT UNDER BOTTOM OF FASCIA AND CONCEALED UP BETWEEN BACKSIDE OF FASCIA AND CEMENT PLASTER. PREFINISHED COLOR TO MATCH STANDING SEAM ROOFING. SET COVER STRIP IN CONTINUOUS THIN, CONCEALED BEAD OF SEALANT ON BOTH BOARDS.
53. PREFINISHED FLASHING. WHERE AT DOUBLE RADIUSSED FASCIA, FLASHING TO BE FORMED BY FASCIA TRIM BENDER TO MATCH ROOF EDGE RADII. FLASHING TO COME DOWN 1½" OVER TOP FACE OF FASCIA AND UP UNDER STANDING SEAM EDGE CLIP. COLOR AS SELECTED.
54. ROOF EDGE 'Z' CLIP. WRAP STANDING SEAM PAN AROUND CLIP AS SHOWN.
55. ICE AND WATER SHIELD FLASHING STRIP (SHOWN DOTTED) UP OVER ROOF EDGE CLIP.
56. CONT SEALANT AND BACKER ROD AT PERIMETER OF CEMENT PLASTER CEILING.



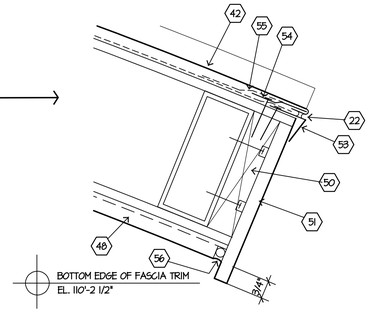

**F / A4.4 FLASHING**
1 1/2"=1'-0"



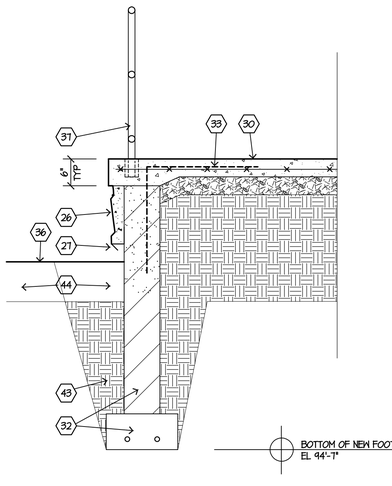

**A / A4.4 NORTH STAIR, STOREFRONT AND ROOF AT ENTRY PORCH**
3/4"=1'-0"



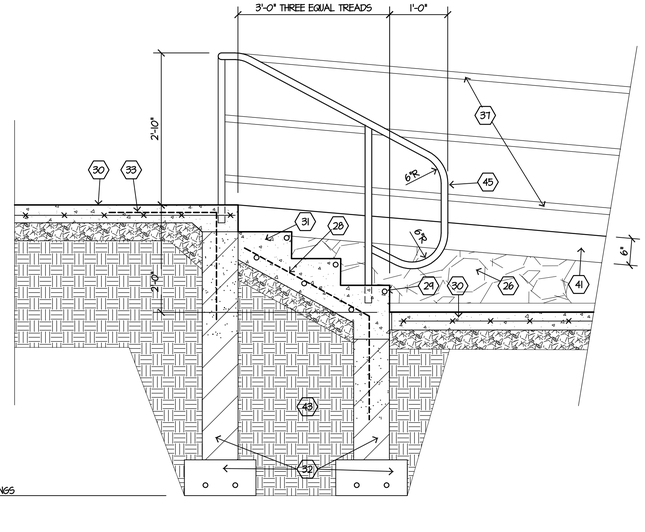

**D / A4.4 ENTRY PORCH**
3/4"=1'-0"




**E / A4.4 ENTRY PORCH EAVE**
3"=1'-0" FASCIA DETAIL IS SIMILAR




**B / A4.4 EAST AND NORTH EDGE OF ENTRY PORCH**
3/4"=1'-0"




**C / A4.4 WEST STAIR AT ENTRY PORCH**
3/4"=1'-0"


VPL ARCHITECTS
426 EAST MAIN STREET
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**CHESTNUT STREET RECORDS CENTER**
**BUILDING AND SITE REMODELING**
for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

COMMISSION
L-1823

| ISSUE | MARK | DATE |
|---|---|---|
| PRELIM | | 2-12-18 |
| PRELIM | | 3-15-18 |
| PRELIM | | 6-15-18 |
| REVIEW | | 7-12-18 |
| PRELIM | | 7-23-18 |
| PERMIT | | 8-4-18 |

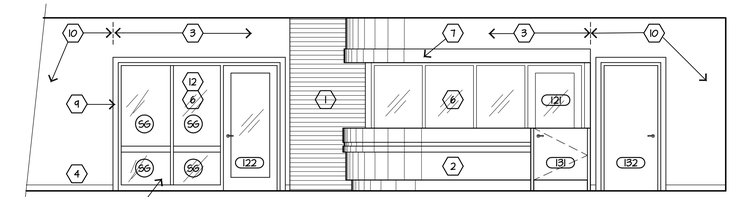
DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

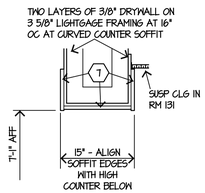
**BUILDING SECTIONS & DETAILS**

DRAWING NUMBER
**A4.4**



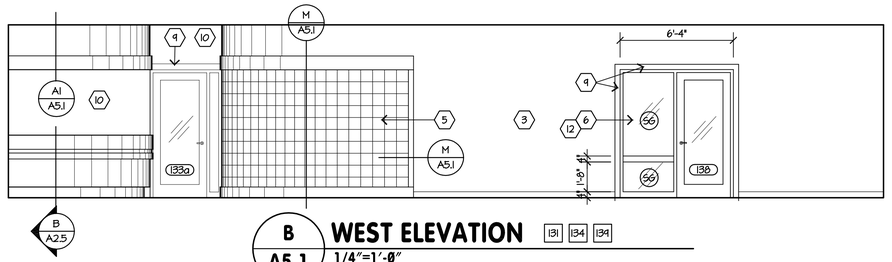

A A5.1 **SOUTH ELEVATION** 129 131 134

1/4"=1'-0"



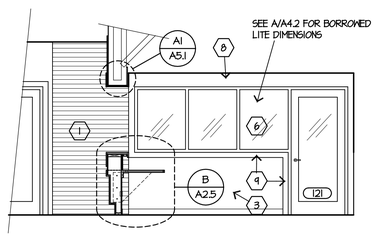

A1 A5.1 **SOFFIT**

34"=1'-0"



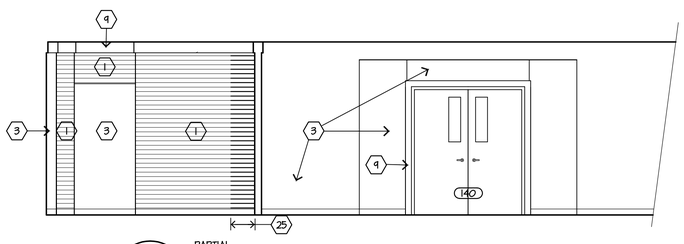

B A5.1 **WEST ELEVATION** 131 134 139

1/4"=1'-0"




C A5.1 **SOUTH ELEVATION** 131

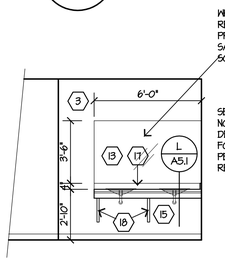
1/4"=1'-0"




PARTIAL

D A5.1 **EAST ELEVATION** 101 134

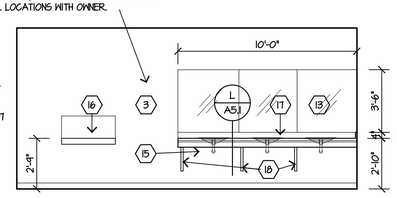
1/4"=1'-0"




PARTIAL

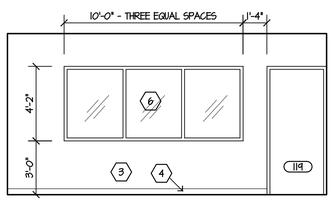
E A5.1 **WEST ELEV** 125

1/4"=1'-0"



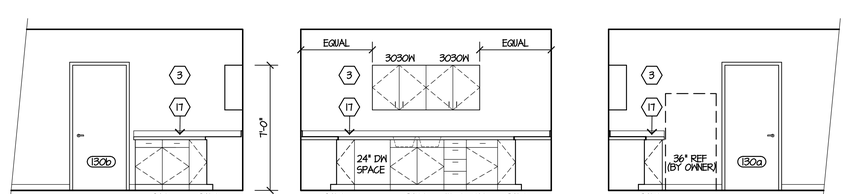

F A5.1 **NORTH ELEVATION** 127

1/4"=1'-0"




G A5.1 **NORTH ELEVATION** 114

1/4"=1'-0"




H A5.1 **NORTH ELEV** 130

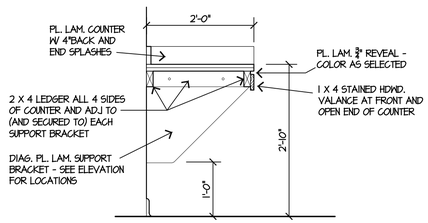
1/4"=1'-0"

J A5.1 **EAST ELEVATION** 130

1/4"=1'-0"

K A5.1 **SOUTH ELEV** 130

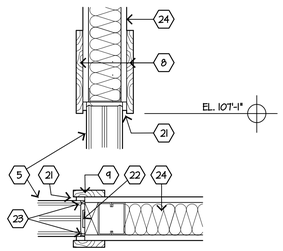
1/4"=1'-0"




TYPICAL RESTROOM

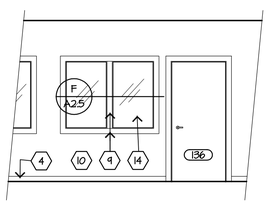
L A5.1 **COUNTER**

3/4"=1'-0"




M A5.1 **GLASS BLOCK**

1/4"=1'-0"




PARTIAL

N A5.1 **WEST ELEVATION** 138

1/4"=1'-0"

## CODED NOTES

1. EXISTING EXPOSED BRICK WALL.
2. NEW PLASTIC LAMINATE RECEPTION COUNTER. SEE DETAIL B/A2.5.
3. NEW PAINTED DRYWALL AS SCHEDULED.
4. NEW VINYL BASE AS SCHEDULED.
5. NEW 8x8 OBSCURE GLASS BLOCK BORROWED LITE WITH STAINED WOOD TRIM AT HEAD, JAMBS AND SILL AS DETAILED.
6. NEW HOLLOW METAL BORROWED LITE WITH 1/4" POLISHED CLEAR GLASS PANELS. PROVIDE LAMINATED SAFETY GLAZING WHERE MARKED '5G'. SEE DOOR SCHED FOR ADDITIONAL INFO RE GLAZING IN DOORS.
7. 1x10 STAINED HARDWOOD TRIM AT BOTH SIDES OF COUNTER SOFFIT WITH 1x STAINED HARDWOOD AT UNDERSIDE OF SOFFIT. SEE A1/A5.1
8. 1x10 STAINED HARDWOOD TRIM.
9. 1x4 STAINED HARDWOOD TRIM.
10. EXISTING WALL TO BE PAINTED.
11. NOT USED.
12. PROVIDE 4" HIGH SILL FRAME AND 4" HIGH INTERMEDIATE FRAME AT HM BORROWED LITE AS SHOWN.
13. 42" HIGH x 1/4" x 6' (IN ONE PIECE) AND x 10' (THREE EQUAL SEGMENTS), UNFRAMED, POLISHED GLASS MIRROR FULL LENGTH OF COUNTER. PROVIDE BLOCKING IN WALL AS NECESSARY FOR CONCEALED MOUNTS.
14. EXISTING BORROWED LIGHT. PAINT ALL EXPOSED WOOD AT EXISTING FRAMES COLOR AS SELECTED.
15. ADA PIPE WRAPS AT ALL EXPOSED DRAIN PIPING UNDER COUNTER.
16. FOLD DOWN DIAPER CHANGING TABLE. PROVIDE BLOCKING IN WALL PER MFR'S RECOMMENDATIONS.
17. PLASTIC LAMINATE COUNTER WITH 4" PLASTIC LAMINATE BACK AND END SPLASHES
18. PLASTIC LAMINATE SUPPORT BRACKETS AS DETAILED (TYP).
19. SILL TO BE BUILT UP WITH (4) LAYERS OF CONTINUOUS TREATED 2x LUMBER CUT TO WALL RADIUS, WIDTH AS SHOWN. SECURE TOP MEMBER WITH GALV COUNTERSUNK CONNECTORS.
20. 1x8 STAINED HARDWOOD BASE TRIM.
21. CONT SOLID HARDWOOD WOOD FILLER SECURED TO BACKSIDE OF 1x TRIM -STAIN EXPOSED FACE. PAINT FACE AGAINST GLASS BLOCK BLACK.
22. PANEL ANCHOR SECURED TO CONTINOUS VERTICAL TREATED WOOD BLOCKING. PAINT EXPOSED FACE OF BLOCKING BLACK.
23. CONTINUOUS SEALANT.
24. DRYWALL PARTITION AS SCHEDULED.
25. EXISTING SALVAGED BRICK TOOTHED INTO EXISTING WALL AS NOTED ON PLANS.

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING

for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

VPL ARCHITECTS
426 EAST MAIN STREET
LANCASTER, OHIO 43130
phone: (740) 654-4048
facsimile: (740) 654-3009

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COMMISSION
L-1823

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| PRELIM | | 6-15-18 |
| REVIEW | | 7-12-18 |
| PERMIT | | 8-4-18 |

DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**INTERIOR ELEVATIONS**

DRAWING NUMBER
**A5.1**

## DIVISION 00 - INSTRUCTIONS TO BIDDERS

0001. PROJECT DESCRIPTION:
THE PROJECT CONSISTS OF REMODELING AN EXISTING BUILDING LOCATED AT 138 WEST CHESTNUT STREET, IN LANCASTER, OHIO. THE PROJECT INCLUDES GUTTING OF MOST OF THE INTERIOR OF THE BUILDING, INTERIOR REMODELING, EXTERIOR RENOVATIONS TO THE EXISTING FACADES, THE INSTALLATION OF NEW ROOFING OVER THE ENTIRE ROOF, REPLACEMENT OF THE FRONT ENTRY PORCH, A NEW PORCH ROOF AND A MINOR AMOUNT OF SITEWORK. THERE ARE TWO ALTERNATE BIDS ASSOCIATED WITH THIS PROJECT. BOTH ARE THOROUGHLY EXPLAINED ON THE DRAWINGS:

ALTERNATE BID #1 ENTAILS AN ADD ALTERNATE FOR ADDITIONAL WORK IN ONE ROOM OF THE BUILDING.

ALTERNATE BID #2 ENTAILS A DEDUCT TO THE BID FOR A REDUCTION IN THE EXTERIOR RENOVATIONS.

0002. THE OWNER OF THE FACILITY IS THE FAIRFIELD COUNTY BOARD OF COMMISSIONERS. THEIR CONTACT PERSON IS DENNIS KELLER, FACILITY MANAGER, FAIRFIELD COUNTY. THE PROJECT ARCHITECT IS STEVE LUCHTENBERG OF VPL ARCHITECTS, INC.

0003. BIDDING
a. BIDS FOR THE PROJECT WILL BE RECEIVED BY THE OWNER AT THE OFFICES OF THE FAIRFIELD COUNTY COMMISSIONERS AT 210 EAST MAIN STREET, SUITE 300, LANCASTER, OHIO, HAND DELIVERED NO LATER THAN 2:00 PM ON FRIDAY AUGUST 31, 2018.
b. SEE THE OWNER'S 'INVITATION TO BID', DATED 8-9-18 FOR ADDITIONAL BIDDING INFO AND REQUIREMENTS..
c. BIDS WILL BE CONSIDERED VALID FOR A PERIOD OF 60 DAYS FROM BID DATE.
d. THE OWNER RESERVES THE RIGHT TO WAIVE ALL FORMALITIES WITH THE BID PROCESS AND / ORTO REJECT ANY OR ALL BIDS FOR ANY REASON IF SO DEEMED TO BE IN THE BEST INTEREST OF FAIRFIELD COUNTY.

0004. PRE-BID SITE VISIT
a. A ONE-TIME PRE BID SITE VISIT WILL BE CONDUCTED BY THE OWNER AND THE ARCHITECT AT 10:00 PM, ON THURSDAY AUGUST 23, 2018 FOR ALL INTERESTED GENERAL CONTRACTORS, AND ROOFING, HVAC, PLUMBING, SPRINKLER AND ELECTRICAL SUBCONTRACTORS. BIDDERS ARE ENCOURAGED TO PARTICIPATE IN THIS MEETING TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS. FAILURE TO DO SO WILL NOT BE REGARDED AS A BASIS FOR FUTURE 'ADD' CHANGE ORDERS.

0005. SUBSTITUTIONS
a. BIDS ARE TO BE SUBMITTED ON THE BASIS OF THE STANDARDS ESTABLISHED BY THE DRAWINGS AND THESE GENERAL NOTES. IF, HOWEVER, DURING THE BID PERIOD, BIDDERS DESIRE CONSIDERATION OF PRODUCTS NOT NAMED AS STANDARDS, THEY MAY SUBMIT WRITTEN REQUESTS TO THE ARCHITECT FOR REVIEW AND EVALUATION FOR EACH PROPOSED PRODUCT SUBSTITUTION NOT LESS THAN SEVEN WORKING DAYS BEFORE THE DATE FOR RECEIPT OF BIDS. TELEPHONE AND ORAL REQUESTS FOR PRODUCT SUBSTITUTION WILL NOT BE CONSIDERED. SUCH SUBMISSION SHALL INCLUDE:
1.1. NAME OF MANUFACTURER AND TRADE NAME, MODEL NUMBER OR CATALOG DESCRIPTION OF PROPOSED PRODUCT.
1.2. NAME OF FABRICATOR, SUPPLIER AND INSTALLER, AS APPLICABLE.
1.3. DRAWINGS, PRODUCT DATA, SAMPLES AND ALL OTHER INFORMATION NECESSARY FOR A THOROUGH EVALUATION.
1.4. A STATEMENT IDENTIFYING ALL POTENTIAL CHANGES IN OTHER MATERIALS, EQUIPMENT, AND/OR SYSTEMS RESULTING FROM PROPOSED SUBSTITUTION AND ANY OTHER BACK-UP INFORMATION THAT WILL ENABLE THE OWNER AND THE ARCHITECT TO RENDER A DECISION ON THE PROPOSAL. SUBSTITUTIONS WHICH WOULD REQUIRE SUBSTANTIAL REVISIONS TO THE CONSTRUCTION DOCUMENTS WILL NOT BE CONSIDERED.
1.5. APPROVED SUBSTITUTIONS WILL BE SET FORTH IN AN ADDENDUM NO LESS THAN 48 HOURS PRIOR TO SET TIME FOR RECEIPT OF BIDS. ONLY SUBSTITUTIONS PUBLISHED VIA AN ADDENDUM WILL BE BINDING. NO BIDDER SHALL RELY ON ANY OTHER METHOD OF SUBSTITUTION APPROVAL.
6. THE BURDEN OF PROOF OF THE MERIT OF A PROPOSED SUBSTITUTION IS THE RESPONSIBILITY OF THE PROPOSER. THE ARCHITECT SHALL NOT BE EXPECTED TO RESEARCH OR INVESTIGATE THE ADEQUACY OF THE PROPOSED SUBSTITUTION. INSUFFICIENT SUBMITTALS WILL NOT BE CONSIDERED.
7. SUBSTITUTIONS ACCEPTED AFTER THE AWARD OF THE CONTRACT SHALL BE HANDLED VIA A CHANGE ORDER.

0006. ADDENDA: SUBSTITUTION REQUESTS AND / OR DISCREPENCIES IN THE DRAWINGS FOUND DURING THE BIDDING PERIOD NEED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION NO LATER THAN SEVEN WORKING DAYS PRIOR TO THE BID DATE IN ORDER TO BE CONSIDERED FOR THE FINAL ADDENDUM (PUBLISHED MINIMUM 36 HOURS PRIOR TO THE BID OPENING).

0007. THE CONTRACTOR SHALL UTILIZE AND INCORPORATE THE FOLLOWING ALLOWANCES AND UNIT PRICES WHILE ASSEMBLING HIS BID. THESE PRICES INCLUDE ALL LABOR AND MATERIALS:

| | | |
|---|---|---|
| a. | CARPET SQUARES | $30.00 PER SQ YD |
| b. | VINYL LAMINATED WOOD PLANKING | $33.00 PER SQ YD |
| c. | LANDSCAPING | $5000.00 |

0008. PRE-CONSTRUCTION SUBMITTALS
a. AT LEAST TWO WEEKS PRIOR TO THE ONSET OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT THE FOLLOWING DOCUMENTS TO THE ARCHITECT AND OWNER FOR APPROVAL:
a.a. SITE UTILIZATION PLAN. THIS SHALL BE TO SCALE AND SHALL SHOW PROPOSED LOCATIONS OF DELIVERY ROUTING, CRANE LOCATION, EMPLOYEE PARKING, TEMPORARY TOILET FACILITIES, EXTERIOR STORAGE OF MATERIALS, EXTERIOR STORAGE OF EQUIPMENT, JOB TRAILER ETC, ALL WITHIN THE PROJECT LIMIT LINE SHOWN ON THE SITE PLAN.
a.b. PROJECT SCHEDULE. THIS SHALL ILLUSTRATE, IN DETAILED GRAPHIC FORM, THE CONTRACTOR'S PLANNED SCHEDULE FOR ALL FACETS OF THE PROJECT, INCLUDING, BUT NOT LIMITED TO, DELIVERIES OF MATERIALS, SHOP DRAWING SUBMITTALS, CONSTRUCTION PROGRESS MEETINGS, START AND FINISH DATES OF WORK TO BE DONE (BROKEN OUT BY TRADE, ROUGH-IN, FINISH, ETC), DATE OF SUBSTANTIAL COMPLETION, AND PUNCH LIST.
a.c. SCHEDULE OF VALUES. CONTRACTOR SHALL USE AIA FORM G703 AND SHALL LIST ALL COMPONENTS OF THE PROJECT UTILIZING STANDARD CSI DIVISIONS AND SUBDIVISIONS.
a.d. RESUMES OF THE CONTRACTOR'S PROPOSED IN-HOUSE PROJECT MANAGER AND ON-SITE SUPERINTENDENT. IT IS MANDATORY THAT BOTH HAVE AT LEAST TEN YEARS OF EXPERIENCE IN THESE POSITIONS. PROVIDE A LIST OF AT LEAST FIVE PROJECTS OF SIMILAR SCOPE (INCLUDING PROJECT OWNER CONTACT INFO) THAT EACH PERSON HAS WORKED ON IN THEIR CURRENT CAPACITY.

0009. REQUESTS FOR PAYMENT
a. THE CONTRACTOR SHALL UTILIZE AIA FORM G702 FOR PAY REQUESTS AND SHALL SUBMIT FULLY EXECUTED PAY REQUESTS TO THE ARCHITECT FOR REVIEW NO LATER THAN THE 15TH OF EACH MONTH. A FULLY UPDATED SCHEDULE OF VALUES SHALL BE INCLUDED WITH EACH APPLICATION FOR PAYMENT SUBSTANTIATING THE CONTRACTOR'S RIGHT TO PAYMENT. THE CONTRACTOR SHALL LIST ALL PREVIOUSLY APPROVED CHANGE ORDERS ON THE APPLICATION AND AND SHALL INDICATE THE ADJUSTED TOTAL CONSTRUCTION COST ACCORDINGLY. THE CONTRACTOR SHALL BE ASKED TO REVISE AND RESUBMIT INCOMPLETE OR INNACCURATE PAY REQUESTS OR SCHEDULE OF VALUES.
b. THE OWNER NORMALLY SHALL MAKE PAYMENT TO THE CONTRACTOR WITHIN THIRTY DAYS OF THE ARCHITECT'S RECEIPT OF THE PAY REQUEST, HOWEVER, THE OWNER RESERVES THE RIGHT TO WITHHOLD PAY, IN WHOLE OR IN PART, TO SUCH EXTENT AS MAY BE NECESSARY TO PROTECT THE OWNER FROM LOSS BECAUSE OF:
1.1. DEFECTIVE WORK NOT REMEDIED.
1.2. DAMAGE CAUSED BY THE CONTRACTOR.
1.3. DELAYS CAUSED BY THE CONTRACTOR OR HIS SUB-CONTRACTORS.
c. EIGHT (8) PERCENT RETAINAGE WILL BE HELD IN ESCROW FROM EACH PAY REQUEST UNTIL THE PROJECT IS COMPLETED AS EVIDENCED ON THE APPROVED SCHEDULE OF VALUES PREPARED BY THE CONTRACTOR. ALL RETAINAGE WILL BE RELEASED UPON FINAL ACCEPTANCE OF THE BUILDING BY THE OWNER.

0010. CHANGE ORDERS
a. THE OWNER, WITHOUT INVALIDATING THE CONTRACT, MAY ORDER CHANGES IN THE WORK CONSISTING OF ADDITIONS, DELETIONS OR OTHER REVISIONS. TO THE EXTENT THE TIME FOR CONTRACT COMPLETION OR THE CONTRACT PRICE IS AFFECTED, THE CONTRACT MAY BE ADJUSTED BY CHANGE ORDER. THE CONTRACTOR SHALL NOT PROCEED WITH ANY CHANGE IN THE WORK WITHOUT THIS APPROPRIATE WRITTEN AUTHORIZATION. FAILURE OF THE CONTRACTOR TO OBTAIN A CHANGE ORDER PRIOR TO PROCEEDING WITH WORK THAT AFFECTS THE CONTRACT COST OR THE TIME FRAME FOR CONTRACT COMPLETION WAIVES THE CONTRACTOR'S RIGHT TO REQUEST ADDITIONAL TIME OR COMPENSATION BEYOND THE CONTRACT.
b. CHANGE ORDERS SHALL BE HANDLED AS FOLLOWS:
1. THE CONTRACTOR SHALL DISCUSS PROPOSED CHANGE(S) AND ALL RELATED ISSUES AND AFFECTED WORK WITH THE OWNER AND THE ARCHITECT.
2. THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND THE ARCHITECT, A DETAILED BULLETIN OUTLINING THE EXTENT OF ALL CHANGES APPROVED IN PRINCIPLE BY THE OWNER AND ALL AFFECTED ASSOCIATED COSTS, INCLUDING THE FOLLOWING LINE ITEM INFORMATION:
a.a.a. CONTRACTOR'S LABOR COSTS.
a.a.b. LABOR PAYROLL TAXES, WORKMAN'S COMP, FRINGES, ETC.
a.a.c. EQUIPMENT RENTALS (IF ANY).
a.a.d. OVERHEAD (TELEPHONE, FACSIMILE, POSTAGE, SCAFFOLDING, OFFICE LABOR, ETC.).
a.a.e. MATERIAL QUANTITIES AND COSTS.
a.a.f. PROFIT ON ITEMS "a" THROUGH "e."
a.a.g. SUB-CONTRACTOR'S COST TO THE CONTRACTOR.
a.a.h. CONTRACTOR'S MARK UP ON SUB-CONTRACTOR'S COSTS.
a.a.i. LENGTH OF REQUESTED TIME EXTENSION (IF ANY).
3. UPON REVIEW AND ACCEPTANCE OF THE SUBMITTED BULLETIN BY THE OWNER, THE CONTRACTOR SHALL PREPARE A CHANGE ORDER OUTLINING THE PROPOSED CHANGES IN THE WORK AND ALL (IF ANY) ADJUSTMENTS TO THE CONTRACT COST AND THE CONTRACT COMPLETION TIME. UPON RECEIPT OF SAID CHANGE ORDER SIGNED BY THE CONTRACTOR AND THE OWNER, THE CONTRACTOR MAY PROCEED WITH THE CHANGES TO THE WORK.

0011. PUNCH LIST
a. WITHIN FOUR WORKING DAYS OF RECEIPT OF WRITTEN NOTIFICATION OF SUBSTANTIAL COMPLETION BY THE CONTRACTOR AND RECEIPT OF THE CONTRACTOR'S PUNCH LIST, THE OWNER OR HIS REPRESENTATIVE SHALL CONDUCT AN INSPECTION OF THE PROJECT TO DETERMINE IF THERE ARE ANY AREAS OF WORK BEYOND THE CONTRACTOR'S PUNCH LIST THAT ARE DEFICIENT OR IN UNACCEPTABLE CONDITION. THE OWNER SHALL PRODUCE A PUNCH LIST OF SAID ITEMS WITHIN FOUR WORKING DAYS OF THE INSPECTION. THE CONTRACTOR SHALL COMPLETE AND CORRECT ALL ITEMS ON BOTH HIS PUNCH LIST AND THE OWNER'S PUNCH LIST WITHIN TWO WEEKS OF RECEIPT OF THE PUNCH LISTS. IF THE CONTRACTOR FAILS TO PROPERLY COMPLETE THE ITEMS WITHIN THIS TWO WEEK PERIOD, THE OWNER RESERVES THE RIGHT TO HIRE SEPARATE CONTRACTOR(S) TO COMPLETE THE WORK AND BACK CHARGE THE ORIGINAL CONTRACTOR FOR ALL ASSOCIATED CONTRACTOR AND ARCHITECTURAL COSTS.

0012. GUARANTEE AND WARRANTY
a. THE CONTRACTOR SHALL PROVIDE A GUARANTEE TO THE OWNER THAT ALL WORK IS IN CONFORMITY WITH THE CONTRACT DOCUMENTS AND FREE FROM DEFECTS IN WORKMANSHIP, MATERIALS AND EQUIPMENT FOR A PERIOD OF ONE YEAR. THIS PERIOD COMMENCES WHEN THE OWNER TAKES OCCUPANCY OF THE BUILDING.
b. IF DEFECTIVE WORK BECOMES APPARENT WITHIN THE WARRANTY OR GUARANTEE PERIOD, THE OWNER SHALL PROMPTLY NOTIFY THE CONTRACTOR IN WRITING. WITHIN TEN DAYS OF RECEIPT OF SAID NOTICE, THE CONTRACTOR SHALL VISIT THE PROJECT IN THE COMPANY OF ONE OR MORE REPRESENTATIVES OF THE OWNER TO DETERMINE THE EXTENT OF THE DEFECTIVE WORK. THE CONTRACTOR SHALL PROMPTLY REPAIR OR REPLACE THE DEFECTIVE WORK, INCLUDING ALL ADJACENT WORK DAMAGED AS A RESULT OF SUCH DEFECTIVE WORK OR AS A RESULT OF REMEDYING THE DEFECTIVE WORK, WHETHER OR NOT SUCH ADJACENT WORK WAS ORIGINALLY PROVIDED BY THE CONTRACTOR.
c. IF THE DEFECTIVE WORK IS CONSIDERED BY THE OWNER TO BE AN EMERGENCY, THE OWNER MAY REQUIRE THE CONTRACTOR TO VISIT THE PROJECT WITHIN ONE DAY OF RECEIPT OF SAID NOTICE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE COST OF TEMPORARY MATERIALS, FACILITIES, UTILITIES OR EQUIPMENT REQUIRED BY EITHER HIMSELF (OR THE OWNER IN ORDER FOR THE OWNER TO CONTINUE DOING UNINTERRUPTED BUSINESS) DURING THE REPAIR OR REPLACEMENT OF THE DEFECTIVE WORK.

## DIVISION 1 - GENERAL REQUIREMENTS

0101. THE BUILDING SHALL FULLY COMPLY WITH THE STANDARDS REQUIRED BY 2017 EDITION OF THE OHIO BUILDING CODE (OBC), FOR USE GROUPS "S-1", STORAGE AND 'B', HAVING 3B CONSTRUCTION TYPE, AS WRITTEN HEREIN.

0102. BEGIN WORK IMMEDIATELY AFTER OWNER ISSUED AUTHORIZATION TO PROCEED.
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING THE PROJECT.

0103. ALTHOUGH THE ARCHITECT WILL BE PROVIDING PROJECT OBSERVATION SERVICES FOR THE OWNER, THE ARCHITECT SHALL NOT BE HELD RESPONSIBLE FOR THE ACTS OR OMISSIONS OR VARIATIONS FROM THE DRAWINGS AND SPECIFICATIONS BY THE OWNER, CONTRACTOR, OR ANY SUBCONTRACTOR OR THEIR AGENTS OR EMPLOYEES, OR ANY OTHER PERSON PERFORMING OR SUPERVISING ANY OF THE WORK.

0104. CONSTRUCTION DOCUMENTS
a. THESE CONSTRUCTION DOCUMENTS (DRAWINGS AND GENERAL NOTES) ARE TO BE USED IN WHOLE, NOT IN PART. FAILURE TO REVIEW THIS ENTIRE SET OF CONSTRUCTION DOCUMENTS BY ANY CONTRACTOR, SUPPLIER, OR ANY OTHER ENTITY PERFORMING WORK ON OR PROVIDING PRODUCTS, MATERIALS OR SUPPLIES FOR THIS PROJECT DOES NOT RELIEVE HIM OR HER FROM THEIR RESPONSIBILITY TO FULLY UNDERSTAND ALL OF THE INFORMATION CONTAINED HEREIN AND ALL OF THE CROSS-COORDINATION BETWEEN TRADES THAT WILL BE REQUIRED IN ORDER TO PERFORM THE WORK PER THE CONSTRUCTION DOCUMENTS. CHANGE ORDER REQUESTS RESULTING FROM SUCH FAILURE SHALL NOT BE CONSIDERED.
b. DO NOT SCALE ANY DRAWINGS IN THIS SET. ALL CONTRACTORS SHALL FIELD DETERMINE AND VERIFY ALL DIMENSIONS BEFORE BEGINNING ANY WORK. ALL CONTRACTORS SHALL FIELD DETERMINE AND VERFY ALL SITE CONDITIONS BEFORE BEGINNING ANY WORK.
c. IF A DISCREPENCY IS FOUND WITHIN THE DRAWINGS, THE CONTRACTOR SHALL CEASE WORK IN THE AREA AFFECTED BY THE DISCREPENCY AND SHALL IMMEDIATELY BRING IT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO RESUMING WORK IN THAT AREA.
d. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE DRAWINGS CONFLICT WITH THESE GENERAL NOTES OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
1. ANY ITEM SPECIFIED AND NOT SHOWN ON THE DRAWINGS OR SHOWN ON THE DRAWINGS AND NOT DPECIFIED SHALL BE FURNISHED AND INSTALLED UNDER THIS CONTRACT.
2. COMPLY WITH REFERENCED STANDARD SPECIFICATIONS AND ASSOCIATION OR TRADE STANDARDS, EXCEPT WHEN MORE RIGID REQUIREMNENTS ARE SPECIFIED OR REQUIRED BY APPLICABLE CODES.
3. USE ONLY STANDARD SPECIFICATIONS AND ASSOCIATION OR TRADE STANDARDS IN EFFECT AS OF BICCING TIME, EXCEPT WHEN A SPECIFIC DATE IS INDICATED.

0105. THE OWNER HAS OBTAINED AND PAID FOR APPLICATION OF PLANS APPROVAL ONLY FROM THE JURISDICTION HAVING AUTHORITY. OTHER FEDERAL, STATE AND LOCAL PERMITS REQUIRED FOR THE WORK SHALL BE OBTAINED BY AND PAID FOR BY THE CONTRACTOR UNLESS NOTED OTHERWISE.

0106. THE CONTRACTOR SHALL NOT COMMENCE ANY WORK ON THIS PROJECT UNTIL THE INSURANCE REQUIRED BY THE OWNER (AS LISTED IN THE INVITATION TO BID) HAS BEEN SO OBTAINED, WAIVED OR APPROVED.

0107. FORM OF CONTRACT: AS REQUIRED BY OWNER.

0108. FIELD ENGINEERING SERVICES: CONTRACTOR TO PROVIDE AND PAY ALL, IF ANY, ARE REQD FOR THE PROJECT.

0109. TEMPORARY FACILITIES, UTILITIES, AND CONTROLS.
a. CONTRACTOR TO PROVIDE AND PAY FOR INSTALLATION OF TEMP ELECTR TO THE SITE. INSTALL PER NATIONAL ELECTRIC CODE AND UTILITY PROVIDER REQMTS. OWNER SHALL PAY ELECTR UTILITY BILLS DURING CONSTR.
b. CONTRACTOR TO PROVIDE AND PAY FOR ALL POTABLE WATER TO THE SITE REQD TO DO THE WORK.
c. CONTRACTOR SHALL PROVIDE, PAY FOR AND SERVICE PORTABLE TOILET FACILITIES ON SITE.
d. CONTRACTOR SHALL FURNISH TEMPORARY WASTE RECEPTACLES / REFUSE DUMPSTERS. ALL COSTS ASSOCIATED WITH DEBRIS REMOVAL SHALL BE PAID FOR BY THE CONTRACTOR.
e. THE CONTRACTOR SHALL HAVE ON DISPLAY AT ALL TIMES, ALL BUILDING PERMITS, THE APPROVED PLANS AND ALL CERTIFICATES OF PLANS APPROVAL AS ISSUED BY THE AUTHORITY HAVING JURISDICTION AS REQUIRED.
1. FURNISH FOR DISPLAY ALL REFERENCE MANUALS, MATERIALS, ETC., AS NOTED THROUGHOUT THESE GENERAL NOTES AND DRAWINGS. ALSO, FURNISH, FOR DISPLAY AND REFERENCE, A COPY OF THE OHIO BUILDING CODE AND A COPY OF THE NATIONAL ELECTRICAL CODE.
f. CONTRACTOR SHALL FURNISH AND PAY FOR TEMPORARY TELEPHONE SERVICE TO DO THE WORK.

0110. VEHICULAR PARKING FOR CONTRACTOR AND CONTRACTOR'S EMPLOYEES, DELIVERY VEHICLES, LOCATIONS OF STORED MATERIALS AND EQUIPMENT REQUIRED TO BE ON SITE SHALL BE ACCORDING TO OWNER APPROVED SITE UTILIZATION PLAN, ALL WITHIN THE PROJECT LIMIT LINE. TRAILERS, CONTAINERS, ETC. USED FOR STORAGE SHALL BE FURNISHED BY, LOCKED BY AND PAID FOR BY THE CONTRACTOR.
a. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR PROTECTION OF MATERIALS AND EQUIPMENT STORED AT THE PROJECT SITE.

0111. WORKING CONDITIONS:
SAFETY: THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF WORKERS ON SITE, AND THE PUBLIC ADJACENT TO THE SITE. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK IN ACCORDANCE WITH THE STATE OF OHIO REQUIREMENTS.

SMOKE FREE: THE ENTIRE PROJECT SITE SHALL BE SMOKE FREE AT ALL TIMES.

0112. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURING THE PROJECT SITE FROM THE GENERAL PUBLIC, BOTH DURING AND AFTER THE WORKING HOURS. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN ALL LIGHTS, SIGNS, FENCES OR ANY OTHER SAFETY DEVICES TO PREVENT UNAUTHORIZED PERSONNEL FROM HAZARDOUS OR DANGEROUS CONDITIONS ON THE PROJECT SITE, INCLUDING A CONSTRUCTION FENCE AT THE. PROJECT LIMIT LINE TO SEPARATE THE PUBLIC PARKING AREA FROM THE CONSTRUCTION SITE.

0113. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURETHE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE-DOWNS WHICH MIGHT BE NECESSARY. SUCH ITEMS SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.

0114. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROJECT SCHEDULING. WORK SHALL NOT COMMENCE ON UNTIL THE CONTRACTOR HAS RECEIVED THE OWNER'S APPROVAL OF HIS SUBMITTED PROJECT SCHEDULE AND SCHEDULE OF VALUES.

0115. PROJECT SUPERVISION:
a. THE CONTRACTOR'S PROJECT SUPERINTENDENT SHALL BE ON SITE DURING ALL WORKING HOURS. NO WORK SHALL BE PERFORMED ON SITE AND NO DELIVERIES WILL BE RECEIVED ON SITE UNLESS THE PROJECT SUPERINTENDENT IS ON SITE OVERSEEING SAID ACTIVITIES.
b. ALL SUBCONTRACTORS OF ALL TRADES SHALL HAVE A SUPERINTENDENT IN THEIR EMPLOY ON SITE OVERSEEING THEIR FORCES WHENEVER ANY OF THEIR TRADE WORK IS BEING DONE.
c. ALL SUPERINTENDENTS SHALL BE FLUENT AND FULLY CONVERSANT IN THE ENGLISH LANGUAGE.

0116. CUTTING AND PATCHING:
a. EACH TRADE SHALL FURNISH THE CONTRACTOR WITH AND BE RESPONSIBLE FOR, EXACT LOCATION AND SIZE OF ALL HOLES AND OPENINGS REQUIRED TO BE CUT THROUGH MASONRY WALLS AND DRYWALL PARTITIONS AS NECESSARY FOR THEIR WORK. THE CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING AS NECESSARY FOR THE TRADES. UNLESS SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS, THE COST OF FORMING HOLES AND OPENINGS SHALL BE BORNE BY THE TRADE REQUIRING THE HOLES AND OPENINGS.
b. PERFORM ALL CUTTING AND REMOVAL WORK TO REMOVE MINIMUM MATERIALS AND SURFACES NECESSARY AND WITH TOOLS AND METHODS TO PREVENT DAMAGE TO ADJACENT WORK AND SURFACES. PROTECT EXISTING MATERIALS, FINISHES, EQUIPMENT AND ADJACENT WORK WHICH IS SCHEDULED TO REMAIN FROM DAMAGE. WHERE CUTTING AND / OR REMOVAL OF EXISTING MATERIALS OR CONTRUCTION RESULTS IN UNFINISHED AND / OR DAMAGED SURFACES NOT SCHEDULED FOR APPLICATION OF NEW FINISH MATERIALS, CONTRACTOR SHALL PATCH, FILL OR OTHERWISE PREPARE SURFACES AND FINISH TO MATCH ADJACENT UNDISTURBED EXISTING FINISHES. SALVAGE SUFFICIENT QUANTITIES OF CUT OR REMOVED MATERIALS TO REPLACE DAMAGED WORK OF EXISTING CONSTRUCTION, WHEN MATERIAL IS NOT READILY OBTAINABLE ON CURRENT MARKET. UNLESS SHOWN OTHERWISE ON THE DRAWINGS, NO CUTTING WILL BE DONE WHICH WILL, IN ANY WAY, REDUCE THE STRUCTURAL STRENTH OF THE BUILDING. SHOULD SUCH CUTTING BE NECESSARY, CONTACT THE ARCHITECT IN WRITING AT LEAST THREE DAYS BEFORE BEGINING ANY ASSOCIATED WORK. DO NOT PROCEED WITH SAID OPERATION UNTIL RECEIPT OF SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT IS OBTAINED. SEE DEMOLITION SPECS FOR ADDITIONAL INFO.

0117. CONSTRUCTION PROGRESS MEETINGS
a. THE CONTRACTOR SHALL ADMINISTER REGULARLY SCHEDULED PROGRESS MEETINGS THROUGHOUT THE PROJECT AT MAX TWO WEEK INTERVALS. REQUIRED ATTENDANCE AT THESE MEETINGS INCLUDE THE CONTRACTOR'S PROJECT MANAGER AND PROJECT SUPERINTENDANT, SUPERINTENDANTS OF ALL SUBCONTRACTORS WHOSE FORCES ARE CURRENTLY ON SITE OR ARE SCHEDULED TO BE ON SITE BEFORE THE NEXT PROGRESS MEETING, THE OWNER'S REP AND THE ARCHITECT.
b. THE CONTRACTOR SHALL CHAIR THE MEETINGS, SHALL KEEP MEETING MINUTES AND SHALL EMAIL MINUTES TO ALL ATTENDEES WITHIN 48 HOURS OF THE MEETING.
c. AT LEAST 48 HOURS PRIOR TO ALL PROGRESS MEETINGS, THE CONTRACTOR SHALL EMAIL A LISTING OF ALL PROGRESS ON THE PROJECT SINCE THE PREVIOUS MEETING, ALONG WITH THE PROPOSED MEETING AGENDA TO ALL MEETING ATTENDEES FOR REVIEW.
d. TYPICAL MEETING AGENDAS SHALL INCLUDE REVIEW OF: NEW WORK ACCOMPLISHED SINCE THE PREVIOUS MEETING, NEW CONCERNSS SINCE THE PREVIOUS MEETING, ISSUES PREVIOUSLY DISCUSSED BUT NOT YET RESOLVED, PROPOSED WORK FOR THE NEXT TWO WEEKS, AND REVIEW OF THE PROJECT SCHEDULE, PENDING CHANGE ORDERS AND/OR BULLETINS, SUBMITTAL ISSUES AND STATUS, RFI's, AND OTHER BUSINESS RELATING TO THE WORK.
e. THE ARCHITECT AND OWNER WILL REVIEW CONSTRUCTION WORK BEING DONE ON THE PROJECT FOLLOWING THE MEETING.

0118. SHOP DRAWINGS
a. SUBMIT ALL SHOP DRAWINGS IN A TIMELY FASHION SO AS TO NOT DISRUPT THE PROJECT SCHEDULE, ALLOWING MINIMUM OF 21 DAYS TURN AROUND TIME FOR THE ARCHITECT'S AND / OR ENGINEER'S REVIEW FOR EACH SUBMITTAL AND / OR RESUBMITTAL.
b. SHOP DRAWINGS SHALL INCLUDE ALL ITEMS NECESSARY TO FULLY DESCRIBE THE PROPOSED ITEM OR SYSTEM, WHICH COULD INCLUDE DRAWINGS, MANUFACTURER'S PRODUCT LITERATURE, PHYSICAL SAMPLES.
c. THE ARCHITECT'S AND / OR ENGINEER'S REVIEW IS FOR GENERAL COMPLIANCE WITH THE PROJECT PARAMETERS AND SPECIFICATIONS. PRIOR TO SUBMITTING SHOP DRAWINGS TO THE ARCHITECT, IT IS THE CONTRACTOR'S RESPONSIBILTIY TO THOROUGHLY REVIEW ALL SHOP DRAWINGS FROM HIS SUPPLIERS OR SUBCONTRACTORS FOR QUANTITIES, SIZES, VERIFICATION OF CATALOG NUMBERS AND SIMILAR DATA, VERIFICATION OF SUBMITTED ITEM'S FITNESS WITH REGARD TO FIELD CONDITIONS, VERIFICATION THAT THE SUBMITTED ITEMS ARE PER REQMTS OF THE CONSTRUCTION DOCUMENTS. SHOP DRAWINGS THAT ARE SUBMITTED WITHOUT STAMPED, DATED AND SIGNED VERIFICATION OF THE CONTRACTOR'S REVIEW WILL BE REJECTED. THE ARCHITECT'S REVIEW SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR SHOP DRAWING COMPLETENESS, ACCURACY, AND AGREEMENT AND COORDINATION WITH ALL ASPECTS OF THE CONSTRUCTION DOCUMENTS.
d. SHOP DRAWINGS ARE REQUIRED FOR, BUT ARE NOT LIMITED TO THE FOLLOWING: RUBBER ROOFING SYSTEM, STANDING SEAM ROOFING SYSTEM, HOLLOW METAL AND WOOD DOORS/FRAMES/HARDWARE, ALUMINUM DOORS, WINDOWS AND STOREFRONT, EIFS, ALL LIGHTING, HVAC, HVAC CONTROLS, PLUMBING FIXTURES, SPRINKLER SYSTEM, PAINT, VINYL BASE, STEEL, PIPE RAIL, TOILET PARTITIONS, SUSPENDED ACOUSTICAL CEILINGS, GLASS BLOCK, MFR'D AND BUILT-IN CASEWORK, PLASTIC LAMINATE, INTERIOR SIGNAGE, PROJECTION SCREEN, PROJECTOR MOUNT.
d.a. IN ADDITION TO SHOP DRAWINGS, PROVIDE THE FOLLOWING SAMPLES FOR REVIEW:
d.a.a. SPECIFIED EIFS FINISH
d.a.b. WOOD DOOR - STANDARD STAIN COLORS
d.a.c. VINYL BASE - STANDARD COLOR CHIP CHAIN
d.a.d. PLASTIC LAMINATE - STANDARD COLOR CHIP CHAIN
d.a.e. INTERIOR SIGNAGE
d.a.f. GLASS BLOCK
d.a.g. WINDOW GLAZING - STANDARD TINT COLORS
d.a.h. ALUMINUM WINDOW FRAME COLOR SAMPLES

0119. WORK BY OWNER.
a. NONE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

0120. PROGRESS CLEANING: DAILY, AND MORE OFTEN IF NECESSARY, PICK UP ALL SCRAP, DEBRIS, DIRT, MUD AND WASTE MATERIALS (RESULTING FROM THE PROJECT) IN THE BUILDING, ON THE SITE AND IN ADJACENT ROADWAYS. REMOVE RESULTANT DEBRIS AND LEGALLY DISPOSE.

0121. FINAL CLEANING.
a. SITE:
1. UNLESS OTHERWISE SPECIFICALLY DIRECTED BY THE OWNER, BROOM CLEAN WHERE NECESSARY. HOSE DOWN ALL PAVED AREAS ON THE SITE. REMOVE RESULTANT DEBRIS AND LEGALLY DISPOSE.
b. BUILDING EXTERIOR:
1. VISUALLY INSPECT ALL EXTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIAL, SMUDGES, AND OTHER FOREIGN MATTER. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES. CLEAN ALL GLASS.
c. BUILDING INTERIOR:
1. VISUALLY INSPECT ALL INTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIAL, SMUDGES, AND OTHER FOREIGN MATTER. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES. REMOVE ALL PAINT DROPPINGS, WALLBOARD MUD DROPPINGS, SPOTS, STAINS, DUST AND DIRT FROM FINISHED SURFACES, EXPOSED STRUCTURE, CONDUIT AND DUCTWORK. CLEAN ALL GLASS. VACUUM ALL CARPET.

0123. CONTRACT CLOSE-OUT
a. COMPLY WITH PROCEDURES STATED IN GENERAL CONDITIONS OF THE CONTRACT FOR ISSUANCE OF CERTIFICATE OF SUBSTANTIAL COMPLETION AND CONTRACT COMPLETION. SEE OWNER FOR ADDITIONAL INFORMATION.

0124. CLOSE OUT SUBMITTALS
1. EVIDENCE OF COMPLIANCE WITH REQUIREMENTS OF GOVERNING AUTHORITIES:
1.1. CERTIFICATE OF OCCUPANCY
1.2. CERTIFICATES OF INSPECTION:
1.2.1. BALANCING OF HVAC SYSTEMS
1.2.2. ELECTRICAL SYSTEMS
1.2.3. STRUCTURAL
1.3. PROJECT RECORD DOCUMENTS
1.3.1. ON A CLEAN SET OF CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL MAKE CLEAR, LEGIBLE NOTATIONS, MARKINGS, DIMENSIONS, ETC, ILLUSTRATING ANY CHANGES THAT WERE MADE TO THE PROJECT DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO CHANGES THAT WERE ACCOMPLISHED VIA CHANGE ORDER OR FIELD ORDER.
1.4. OPERATING AND MAINTENANCE DATA, INSTRUCTIONS TO OWNER
1.5. WARRANTIES AND BONDS
1.6. FINISH HARDWARE KEYS AND KEYING SCHEDULE
1.7. SPARE PARTS AND MAINTENANCE MATERIALS
1.8. EVIDENCE OF PAYMENT AND RELEASE OF LIENS
1.9. CERTIFICATE OF INSURANCE FOR PRODUCTS AND COMPLETED OPERATIONS.

0125. GUARANTEE.
a. THE CONTRACTOR SHALL GUARANTEE THE WORKMANSHIP AND THE NEW MATERIALS INSTALLED AS SET FORTH IN THESE GENERAL NOTES AND DRAWINGS, FOR A PERIOD OF ONE (1) YEAR FROM THE COMPLETION DATEACCEPTED BY THE OWNER. IN ADDITION, THE NEW MATERIALS SHALL BE COVERED BY OTHER MANUFACTURERS WARRANTIES.

## DIVISION 02 - DEMOLITION

0201. SELECTIVE DEMOLITIONA AND REMOVAL OF EXISTING MATERIALS FROM SITE:
a. THE OWNER AND THE ARCHITECT ASSUME NO RESPONSIBILITY FOR THE ACTUAL CONDITION OF THE SITE AND BUILDING AND ALL BURIED, CONCEALED OR VISIBLE ITEMS THAT ARE TO BE DEMOLISHED AND OR REMOVED AND DISPOSED OF BY THE CONTRACTOR.
b. HAZARDOUS MATERIALS:
1.1. IN THE EVENT THE CONTRACTOR ENCOUNTERS MATERIAL WITHIN THE SITE THAT IS REASONABLY BELIEVED TO BE A TOXIC MATERIAL WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AFFECTED AREA AND REPORT THE CONDITION TO THE ARCHITECT AND THE OWNER IN WRITING.
1.2. WORK IN THE AFFECTED AREA SHALL NOT BE RESUMED EXCEPT BY WRITTEN AGREEMENT OF THE OWNER AND CONTRACTOR UNTIL THE SUSPECTED MATERIAL IS PROVEN NOT TO BE HAZARDOUS OR THE SUSPECTED MATERIAL IS LEGALLY REMOVED OR RENDERED HARMLESS.
1.3. THE CONTRACTOR SHALL NOT BE REQUIRED TO PERFORM WORK, WITHOUT CONSENT, RELATING TO ANY TOXIC MATERIALS FOUND ON SITE.
c. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS IN CONJUNCTION WITH HAULING AND DISPOSING OF DEMOLISHED MATERIALS AND PROVIDE TIMELY NOTICE OF ANY SUCH ACTIVITIES TO THE APPLICABLE FEDERAL, STATE OF OHIO, AND LOCAL GOVERNING AUTHORITIES - ALL AT NO ADDITIONAL COST TO THE CONTRACT.
d. PROTECTION: PERFORM SELECTIVE DEMOLITION WORK TO PREVENT INJURY OR DAMAGE TO THE REMAINING ADJACENT SURFACES AND ELEMENTS. PROVIDE NECESSARY BARRICADES, LIGHTS AND ENCLOSURES FOR SITE OCCUPANTS, PUBLIC AND WORKER SAFETY, AND ROTECTION OF PROPERTY. PROVIDE NECESSARY SHORING AND BRACING FOR SUPPORT AND PROTECTION OF ADJACENT SURFACES AND ELEMENTS THAT WILL REMAIN.
e. MAINTAIN EXISTING UTILITY SERVICES TO EXISTING BUILDING ON SITE AND PROTECT AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
f. TRAFFIC: DO NOT CLOSE OR OBSTRUCT EXISTING ADJACENT ROADS, ALLEYS, DRIVEWAYS, STREET PARKING, SIDEWALKS, AND PASSAGEWAYS WITHOUT PROPER AUTHORIZATION FROM THE OWNER. ANY DAMAGE AS A RESULT OF THIS PROJECT TO THE EXISTING PARKING LOT, OR ANY ADJACENT PUBLIC STREETS, SIDEWALKS, ALLEYS AND CURBS, SHALL BE REPAIRED OR REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR. CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT, TOOLS, TRANSPORTATION AND INCIDENTALS NECESSARY TO PERFORM THE WORK.
g. NO WORK SHALL BE DONE WHICH WILL, IN ANY WAY, REDUCE THE STRUCTURAL INTEGRITY OF THE BUILDING. CONTRACTOR SHALL PROVIDE ANY TEMPORARY SHORING THAT MAY BE NECESSARY. IF, DURING DEMOLITION, THE CONTRACTOR ENCOUNTERS ANY UNFORSEEN DETRIMENTAL STRUCTURAL MEMBER OR CONDITION, HE SHALL CONTACT THE ARCHITECT IMMEDIATELY AND CEASE WORK IN THAT AREA UNTIL OBTAINING THE ARCHITECT'S WRITTEN APPROVAL TO PROCEED.

## DIVISION 3 - CONCRETE

0301. STEEL REINFORCED CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF CHAPTERS 16 AND 19, OBC, THE AMERICAN CONCRETE INSTITUTE (ACI) ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," LATEST EDITION, AND THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) HANDBOOK, LATEST EDITION.

0302. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

0303. SPECIFICATIONS, IN GENERAL, SHALL COMPLY WITH ACI 301 "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE", LATEST EDITIONS.
b. PLACEMENT AND CURING OF CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF ACI 305 "HOT WEATHER CONCRETING" AND ACI 306 "COLD WEATHER CONCRETING", LATEST EDITIONS.

0304. UNLESS OTHERWISE SHOWN OR SPECIFIED, DESIGN, CONSTRUCT, ERECT, MAINTAIN AND REMOVE FORMS AND RELATED STRUCTURES FOR CAST-IN-PLACE CONCRETE WORK IN COMPLIANCE WITH THE LATEST REVISIONS OF ACI 347, "RECOMMENDED PRACTICE FOR CONCRETE FORMWORK."
a. FORMWORK SHALL SUPPORT VERTICAL, LATERAL, STATIC, AND DYNAMIC LOADS THAT MIGHT BE APPLIED UNTIL CONCRETE STRUCTURE CAN SUPPORT SUCH LOADS. CONSTRUCT FORMWORK SO CONCRETE MEMBERS AND STRUCTURES ARE OF CORRECT SIZE, SHAPE, ALIGNMENT, ELEVATION, AND POSITION. MAINTAIN FORMWORK CONSTRUCTION TOLERANCES AND SURFACE IRREGULARITIES.
b. COAT CONTACT SURFACES OF FORMWORK WITH FORM RELEASE AGENTS IN ACCORDANCE MANUFACTURER'S INSTRUCTIONS BEFORE PLACING REINFORCEMENT.

0305. ALL REINFORCING DETAILS SHALL CONFORM TO ACI 315, "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", LATEST EDITION, AND THE CONCRETE REINFORCING STEEL INSTITUTE HANDBOOK (CRSI), LATEST EDITION, UNLESS DETAILED OTHERWISE ON THE DRAWINGS.
a. HAVE ON-SITE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, AT ALL TIMES.
b. TESTING OF ALL CONCRETE SHALL CONFORM TO ACI STANDARDS, LATEST EDITION.

0306. DESIGN CRITERIA.
a. FLOOR LIVE LOADS:
1. CONCRETE SLABS-ON-GRADE; 100 psf.

0307. MATERIALS:
a. STRUCTURAL CONCRETE:

| CLASS | LOCATION | f'c |
|---|---|---|
| I | FOOTINGS | 3,000 p.s.i. |
| II | INTERIOR SLABS ON GRADE AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED. | 3,500 p.s.i. |
| III | EXTERIOR SLABS ON GRADE AND ALL EXT CONCRETE (WITH AIR) NOT OTHERWISE IDENTIFIED. | 4,500 p.s.i. |
| IV | BACKFILL BELOW FOOTINGS | 2,500 p.s.i. |

b. CONCRETE MATERIALS.
1. PORTLAND CEMENT IN ACCORDANCE WITH ASTM C 150, TYPE I, UNLESS OTHERWISE ACCEPTABLE TO STRUCTURAL ENGINEER.
2. CLEAN, NORMAL WEIGHT AGGREGATES, FINE AND COURSE, COMPLYING WITH ANSI-ASTM C 33 REQUIREMENTS. PROVIDE AGGREGATES FROM ONE SOURCE OF SUPPLY. USE OF PIT OR BANKRUN GRAVEL IS NOT PERMITTED.
3. LIGHT WEIGHT AGGREGATES COMPLYING WITH ANSI-ASTM C 330 REQUIREMENTS.
4. WATER TO CLEAN, FRESH AND POTABLE.
5. GROUT FOR MASONRY CORE FILL IN ACCORDANCE WITH ASTM C 476, COARSE TYPE.
c. PROVIDE CONCRETE ADMIXTURES BY ESTABLISHED REPUTABLE MANUFACTURERS AND USE IN COMPLIANCE WITH MANUFACTURER'S PUBLISHED DIRECTIONS AND SPECIFICATIONS.
1. AIR-ENTRAINING ADMIXTURE: ANSI-ASTM C 260.
2. WATER-REDUCING ADMIXTURE: ANSI-ASTM C 494, TYPE A.
3. NON-CHLORIDE, NON-CORROSIVE ACCELERATOR: ANSI-ASTM C 494, TYPE C OR R.
4. SUPER PLASTICIZER: ANSI-ASTM C 494, TYPE F OR G.
d. ALL DEFORMED REINFORCING BARS: ASTM A 615, GRADE 60. REINFORCEMENT SHALL BE FREE OF OIL, SCALE, DIRT AND OTHER COATINGS THAT WOULD REDUCE OR DESTROY BOND WITH THE CONCRETE. A LIGHT COATING OF RUST IS NOT OBJECTIONABLE.
1. FOOTING CORNER BARS TO MATCH HORIZONTAL REINFORCING. MINIMUM LENGTH OF EACH LEG - 45 BAR DIAMETERS.
2. REINFORCING RODS AND MESH SHALL BE OF THE SIZE AND LOCATION AS INDICATED.
3. PROVIDE REINFORCING BAR ALIGNMENT DEVICES AT A MAXIMUM SPACING OF 192 BAR DIAMETERS.
4. AT SPLICES IN VERTICAL REINFORCING BARS, PROVIDE MECHANICAL COUPLERS OR 48 BAR DIAMETER LAP.
e. USE ASTM A 185 WELDED STEEL WIRE FABRIC. WELDED WIRE FABRIC SHALL BE OF THE SIZE AND LOCATION AS INDICATED. PROVIDE CONCRETE COVER AT REINFORCING AS INDICATED.
f. STEEL WIRE: ASTM A 82.
g. SUPPORTS FOR REINFORCEMENT (INCLUDING WELDED WIRE FABRIC): BOLSTERS, CHAIRS, SPACERS AND OTHER DEVICES FOR SPACING, SUPPORTING AND FASTENING REINFORCEMENT IN PLACE.
1. USE SUPPORTS COMPLYING WITH CRSI RECOMMENDATIONS.
2. DO NOT USE WOOD, BRICK AND OTHER UNACCEPTABLE MATERIALS.

0308. READY-MIXED CONCRETE: COMPLY WITH THE REQUIREMENTS OF ASTM C 94 AND AS HEREIN SPECIFIED.
a. DELETE THE REFERENCES FOR ALLOWING ADDITIONAL WATER TO BE ADDED TO THE BATCH FOR MATERIALS WITH INSUFFICIENT SLUMP. ADDITION OF WATER TO THE BATCH WILL NOT BE PERMITTED.
b. DURING HOT WEATHER OR UNDER CONDITIONS CONTRIBUTING TO RAPID SETTING OF CONCRETE, A SHORTER MIXING TIME THAN SPECIFIED IN ASTM C 94 MAY BE REQUIRED.

0309. UNLESS OTHERWISE NOTED, INSTALL REINFORCING TO PROVIDE MINIMUM CONCRETE COVER AS FOLLOWS:
a. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH; 3 INCHES OF COVER.
b. CONCRETE EXPOSED TO EARTH OR WEATHER:
1. #5 BARS AND SMALLER; 1-1/2 INCHES OF COVER.
2. OTHERS; 2 INCHES OF COVER.

0310. CONSTRUCTION JOINTS ARE PERMITTED ONLY WHERE INDICATED AND DETAILED AND AS APPROVED BY THE STRUCTURAL ENGINEER. ALL CONSTRUCTION JOINTS ARE TO BE KEYED.

0311. TESTING OF ALL CONCRETE SHALL CONFORM TO ACI STANDARDS, LATEST EDITION.
a. HAVE ON-SITE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, AT ALL TIMES.
1. PERFORM A MINIMUM OF ONE TEST FOR TYPE OF CONCRETE USED. TESTS SHALL BE PERFORMED BY AN ACCREDITED TESTING AGENCY AND SHALL BE PAID FOR BY THE CONTRACTOR.
b. SLUMP LIMITS: PROPORTION AND DESIGN MIXES TO RESULT IN CONCRETE SLUMP AT POINT OF PLACEMENT AS FOLLOWS:
1. RAMPS AND SLOPING SURFACES: NOT MORE THAN 3 INCHES.
2. SLABS-ON-GRADE: NOT LESS THAN 1 INCH, AND NO MORE THAN 3 INCHES.
3. OTHER CONCRETE: NOT LESS THAN 1 INCH, AND NO MORE THAN 4 INCHES.
4. IF SUPER PLASTICIZER IS USED, INITIAL SLUMP TO BE 2 TO 3 INCHES, INCREASED TO 8 INCHES MAXIMUM AFTER ADDITION (AT JOB SITE) OF THE SUPER PLASTICIZER.

0312. PROVIDE "LEAN CONCRETE" (CLASS IV) UNDER FOUNDATIONS FOR ACCIDENTAL OVER-EXCAVATION, SOFT SPOTS AND TRENCHES.

0313. PROVIDE THE FOLLOWING FINISHES:
a. FLOAT FINISH FOR ALL INTERIOR FLOORS.
b. NOT USED.
c. BROOM FINISH FOR EXTERIOR SLABS AND SIDEWALKS. CLASS B TOLERANCE.

0314. APPLY TRANSPARENT LIQUID CURING COMPOUND FORMULATED FROM CHLORINATED RUBBER, PLASTICIZED AND STABILIZED, COMPLYING WITH ANSI-ASTM C 309, TYPE I, CLASS B, ON ALL NEW CONCRETE SLAB, UNLESS APPROVED BY THE ARCHITECT. COVERAGE RATE AS RECOMMENDED BY THE MANUFACTURER.
a. MANUFACTURERS:
1. MASTERSEAL 66; MASTER BUILDERS.
2. A-H 3 WAY SEALER; ANTI-HYDRO WATERPROOFING CO.
3. EUCOCURE; EUCLID CHEMICAL CO.
4. KURE-N-SEAL; SONNEBORN BUILDING PRODUCTS.
b. APPLY LIQUID CURING -HARDENER COMPATIBLE WITH CURING COMPOUND. THIS COAT SHALL BE IN ADDITION TO ANY MATERIAL APPLIED DURING CURING OPERATION.

0315. DESIGN, ERECT, CONSTRUCT, SUPPORT, BRACE AND MAINTAIN FORMWORK ACCORDING TO ACI 301, TO SUPPORT VERTICAL, LATERAL, STATIC, AND DYNAMIC LOADS THAT MIGHT BE APPLIED UNTIL CONCRETE STRUCTURE CAN SUPPORT SUCH LOADS. CONSTRUCT FORMWORK SO CONCRETE MEMBERS AND STRUCTURES ARE OF CORRECT SIZE, SHAPE, ALIGNMENT, ELEVATION, AND POSITION. MAINTAIN FORMWORK CONSTRUCTION TOLERANCES AND SURFACE IRREGULARITIES COMPLYING WITH ACI 347 LIMITS.
a. COAT CONTACT SURFACES OF FORMWORK WITH FORM RELEASE AGENTS IN ACCORDANCE MANUFACTURER'S INSTRUCTIONS BEFORE PLACING REINFORCEMENT.

0316. PROVIDE CORK OR PRE-MOULDED ASPHALT EXPANSION JOINTS AS REQUIRED BETWEEN CONCRETE AND ADJACENT MATERIAL.

0317. ALL INTERIOR SLABS-ON-GRADE TO HAVE 6 MIL POLYETHYLENE FILM MOISTURE BARRIER UNDERLAYMENT FREE OF PUNCTURES. OVERLAPPED 2'-0" AT JOINTS.

## DIVISION 4 - MASONRY

0401. ALL MASONRY WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTERS 16 AND 21, OBC, THE AMERICAN CONCRETE INSTITUTE, COMMITTEE 530, AND THE NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA) "TEK BULLETINS".

0402. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

0403. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 90 SPECIFICATIONS FOR HOLLOW LOAD BEARING CONCRETE MASONRY UNITS. PROVIDE SHAPES AND SIZES TO COMPLETE THE WORK. CONCRETE BUILDING BRICK SHALL CONFORM TO ASTM C 55 SPECIFICATIONS.
a. MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS TO BE 2,500 p.s.i.
b. MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE BUILDING BRICK UNITS TO BE 3,500 p.s.i.

0404. FACE BRICK UNITS SHALL CONFORM TO ASTM C 216, GRADE MW OR SW, TYPE FRS.. PROVIDE SHAPES AND SIZES TO COMPLETE THE WORK. TESTING OF BRICK SHALL CONFORM TO ASTM C 67 SPECIFICATIONS.
a. MINIMUM NET AREA COMPRESSIVE STRENGTH OF FACE BRICK UNITS TO BE 3,000 p.s.i.
b. COLOR, STYLE AND TEXTURE AS SELECTED BY THE OWNER.

0405. NOT USED.

0406. MORTAR AND GROUT MATERIALS.
a. MORTAR: TYPE S. MINIMUM COMPRESSIVE STRENGTH OF 18,000 psi, FOR MASONRY WORK BELOW GRADE. USE TYPE N FOR REMAINING MASONRY WORK.
1. PORTLAND CEMENT-LIME MIX; PACKAGED BLEND OF PORTLAND CEMENT COMPLYING WITH ASTM C 150, TYPE I OR TYPE III, AND ALL HYDRATED LIME COMPLYING WITH ASTM C207.
2. AGGREGATE FOR MORTAR; ASTM C144, EXCEPT FOR JOINTS LESS THAN 1/4 INCH, USE AGGREGATE GRADED WITH 100 PERCENT PASSING THE NO. 16 SIEVE.
b. GROUT FOR BOND BEAM AND CORE FILL: ASTM C476, COURSE TYPE. MINIMUM COMPRESSIVE STRENGTH OF 3,000 psi.
1. AGGREGATE FOR GROUT; ASTM C404.
2. MAXIMUM HEIGHT OF GROUT LIFT TO BE 4'-0".
c. WATER: POTABLE.
d. DO NOT USE ANTIFREEZE, CALCIUM CHLORIDE, OR ADMIXTURES CONTAINING CALCIUM CHLORIDE IN ANY MORTAR OR GROUT. INSTALL MASONRY WORK PERFORMED IN, NEAR, OR BELOW FREEZING TEMPERATURES IN ACCORDANCE WITH SECTION 0409 THIS DIVISION.
e. DO NOT CHANGE SOURCE OR BRANDS OF MORTAR MATERIALS DURING THE COURSE OF THE WORK.

0407. STEEL REINFORCING.
a. HORIZONTAL JOINT REINFORCEMENT SHALL BE ASTM A 82 TRUSS TYPE, HOT DIPPED MILL GALVANIZED 9 GAUGE DEFORMED WIRE, CONTINUOUS RECTANGULAR TAB-TIE, DRIP TYPE. SPACING SHALL BE 16" O.C. VERTICALLY FULL HEIGHT OF WALL LAP MINIMUM OF 6". FURNISH JOINT REINFORCING IN MASONRY WALLS ABOVE GRADE.
b. USE ASTM A 615, GRADE 60, DEFORMED, FOR ALL REINFORCING BARS. SEE DIVISION 3 CONCRETE FOR ADDITIONAL REQUIREMENTS.
1. PROVIDE REINFORCING BAR ALIGNMENT DEVICES AT A MAXIMUM SPACING OF 192 BAR DIAMETERS.
2. AT SPLICES IN VERTICAL REINFORCING BARS, PROVIDE MECHANICAL COUPLERS OR 48 BAR DIAMETER LAP.

0408. VERTICAL STEEL REINFORCING BARS GROUTED INTO CORES OF CONCRETE MASONRY UNITS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.
a. FURNISH DOWELS FROM THE FOOTING, SAME SIZE AND SPACING AS WALL BARS. LAP 12 INCHES MINIMUM WITH WALL BARS, UNLESS NOTED OTHERWISE. EMBED INTO FOOTING 8 INCHES PLUS STANDARD 90 DEGREE HOOK.
b. PROVIDE A CONTINUOUS VERTICAL CAVITY, AT LEAST 2" X 3" IN SIZE, FREE OF MORTAR DROPPINGS.
c. PROVIDE AN OPENING FOR CLEANOUT AND INSPECTION AT EACH VERTICAL BAR, AT BOTTOM OF EACH GROUT LIFT.

0409. TIES AND ANCHORS.
a. GALVANIZED, CORRUGATED, STEEL SHEET: ASTM A 366/A 366M COLD ROLLED, CARBON-STEEL SHEET HOT-DIP GALVANIZED AFTER FABRICATION TO COMPLY WITH ASTM A 153 AT EXTERIORWOOD FRAMED WALLS.
1. 22 GAUGE MINIMUM.
2. SCREWED APPLIED DIRECTLY TO WOOD STUDS ONLY: 16" O.C HORIZONTAL, 24" O.C. VERTICAL.
b. WELDED ATTACHED MASONRY VENEER ANCHORS: UNITS WITH TRIANGLE WIRE TIE AND RIB-STIFFENED, SHEET METAL ANCHOR SECTION TO WELD TO STRUCTURAL STEEL AND WITH RAISED RIB-STIFFENED STRAP STAMPED INTO CENTER TO PROVIDE A SLOT FOR CONNECTION OF WIRE TIE.
c. MANUFACTURERS:
1. DUR-O-WAL INC., HECKMAN BUILDING PRODUCTS, INC., OR HOHMANN & BARNARD, INC.

0410. EMBEDDED FLASHING MATERIALS.
a. COPPER MATERIAL, 10 OZ./SQ.FT. WEIGHT OR 0.0135 INCH THICK FOR FULLY CONCEALED FLASHING; 16 OZ./SQ. FT. WEIGHT OR 0.0126 INCH THICK ELSEWHERE.
b. METAL DRIP EDGE EXTENDING AT LEAST 3 INCHES INTO WALL AND 1/2 INCH OUT FROM WALL, WITH HEMMED OUTER EDGE BENT DOWN 30 DEGREES.
c. FOR FLASHING PARTLY EXPOSED TO THE EXTERIOR, USE METAL FLASHING AS NOTED ABOVE. FOR FLASHING NOT EXPOSED TO THE EXTERIOR, USE ONE OF THE FOLLOWING, UNLESS OTHERWISE INDICATED:
1. COPPER LAMINATED FLASHING: MANUFACTURER'S STANDARD LAMINATED FLASHING CONSISTING OF 7 OZ./SQ. FT. SHEETCOPPER, BONDED WITH ASPHALT BETWEEN 2 LAYERS OF GLASS-FIBER CLOTH.
d. MANUFACTURERS:
1. ADVANCED BUILDING PRODUCTS, INC., HOHMANN & BARNARD, INC. OR AFCO PRODUCTS INC.

0411. ENVIRONMENTAL CONDITIONS.
a. COLD WEATHER CONSTRUCTION SHALL CONFORM TO THE "RECOMMENDED PRACTICES AND GUIDE SPECIFICATIONS FOR COLD WEATHER CONSTRUCTION" DEVELOPED BY THE ALL WEATHER MASONRY MASONRY COUNCIL (AWMC).
1. CONCRETE MASONRY UNITS: DURING PERIODS WHEN TEMPERATURES ARE 40 DEGREES F. AND FALLING, NO MASONRY WORK WILL BE PERFORMED UNLESS MEANS APPROVED BY THE AWMC AND UTILIZED BY THE CONTRACTOR ARE PROVIDED FOR HEATING MATERIALS, AND MASONRY IS PROTECTED FROM FROST UNTIL MORTAR HAS HARDENED.
2. BRICK MASONRY UNITS: DURING PERIODS WHEN TEMPERATURES ARE 40 DEGREES F. AND FALLING, NO MASONRY WORK WILL BE PERFORMED UNLESS APPROVED BY THE ARCHITECT, INCLUDING BARRICADES AND HEATED ENCLOSURES ARE PROVIDED FOR HEATING MATERIALS, AND MASONRY IS PROTECTED FROM FROST UNTIL MORTAR HAS HARDENED. ANTI-FREEZE ADMIXTURES ARE NOT ACCEPTABLE IN BRICK MASONRY WORK.
b. ALL MASONRY WORK: DURING RAINY WEATHER, DO NOT WORK UNLESS MATERIALS AND WORK ARE PROTECTED
c. PROTECT PARTIALLY COMPLETED MASONRY AGAINST WEATHER BY COVERING WITH STRONG, BY COVER. WEATHERPROOF, NON-STAINING MEMBRANE. HOLD SECURELY IN PLACE.

0412. LAY UP CONCRETE MASONRY UNITS IN RUNNING BOND, PLUMB, TRUE TO LINE, WITH COURSES LEVEL AND DIMENSIONS SHOWN ON THE DRAWINGS. ALL JOINTS EXPOSED TO THE EXTERIOR, IN VIEW, SHALL BE TOOLED WITH A ROUND OR CONCAVE TOOL.
a. VERTICAL COLLAR JOINTS TO BE FILLED SOLID WITH MORTAR.
b. PROVIDE 100% SOLID BEARING, MINIMUM THREE COURSES UNDER BEAMS AND GIRDERS.
c. FILL CORE SOLID AROUND ANCHOR BOLTS.
d. HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS SHALL ALSO BE BEDDED IN ALL COURSES OF PIERS AND PILASTERS, IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED.
e. ALL CONCRETE MASONRY UNIT BED AND HEAD JOINTS SHALL BE 3/8" THICK.
f. DO NOT WET CONCRETE MASONRY UNITS.
g. AS MASONRY WORK PROGRESSES, BUILD-IN ITEMS SPECIFIED UNDER THIS AND OTHER SECTIONS OF THESE GENERAL NOTES/SPECIFICATIONS. FILL IN SOLIDLY WITH MASONRY AROUND BUILT-IN ITEMS.
h. AS MASONRY WORK PROGRESSES, BUILD-IN ITEMS SPECIFIED UNDER THIS AND OTHER SECTIONS OF THESE GENERAL NOTES/SPECIFICATIONS. FILL IN SOLIDLY WITH MASONRY AROUND BUILT-IN ITEMS.

0413. FURNISH CRACK CONTROL JOINTS IN FACE BRICK VENEER SYSTEM AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH NCMA TEK 10-4 BULLETIN SPECIFICATIONS AND DETAILS.

0414. PROVIDE SOLID MASONRY UNITS, GROUTED UNITS ACCEPTABLE, FOR ALL LINTELS, BEAMS, COLUMNS, JOISTS, PLATES AND ANYLOAD-BEARING MEMBERS.

0415. GLASS BLOCK
a. 8x8x4, CLEAR (NON-COLORED), OBSCURED VIEW GLASS BLOCK UNITS; PREMIER SERIES, 'DECORA' PATTERN BY PITTSBURGH CORNING, OR APPROVED EQUAL BY QUALITY GLASS BLOCK AND WINDOW, OR CINNCINATTI GLASS BLOCK.
b. INSTALL UTILIZING TRADITIONAL MORTAR INSTALLATION TECHNIQUE, WITH HORIZ REINFORCING EVERY COURSE, HORIZONTAL AND VERTICAL PANEL ANCHORS AT HEAD AND JAMBS, ASPHALT EMULSION UNDER BASE COURSE, AND EXPANSION STRIPS AT HEAD AND JAMBS, ALL INSTALLED PER MFR'S INSTRUCTIONS.
c. TOOL MORTAR TO PROVIDE SMOOTH, EVEN CONCAVE JOINTS.
d. MORTAR COLOR AS SELECTED.

**CHESTNUT STREET RECORDS CENTER**
**BUILDING AND SITE REMODELING**
**for the FAIRFIELD COUNTY COMMISSIONERS** 138 W. Chestnut St. Lancaster, OH 43130

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| PRELIM | | 2-12-18 |
| PRELIM | | 3-15-18 |
| PREFINAL | | 4-13-18 |
| PERMIT | | 8-9-18 |

DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

**GENERAL NOTES**

DRAWING NUMBER
**GN.1**

0416 AND 0417. NOT USED.

0418. MISCELLANEOUS MASONRY ACCESSORIES.
a. COMPRESSIBLE FILLER STRIPS OF NEOPRENE COMPLYING WITH ASTM D 1056, GRADE 2A1.
b. ROUND PLASTIC WEEP/VENT TUBING OF MEDIUM DENSITY POLYETHYLENE, 3/8 INCH O.D. BY 4 INCHES LONG.
c. COTTON OR POLYESTER ROPE WICKING MATERIAL. 1/4 TO 3/8 INCH IN DIAMETER, IN LENGTH REQUIRED TO PRODUCE 2 INCHEXPOSURE ON EXTERIOR AND 18 INCHES IN CAVITY BETWEEN WYTHES.
d. CAVITY DRAINAGE MATERIAL OF 3/4 INCH THICK, FREE DRAINING MESH, MADE FROM POLYETHYLENE STRANDS.
e. MANUFACTURERS:
1. ADVANCED BUILDING PRODUCTS, INC., CAVCLEAR, POLYTITE MANUFACTURING CORP. OR AFCO PRODUCTS INC.

0419. PROTECT PARTIALLY COMPLETED MASONRY AGAINST WEATHER BY COVERING WITH STRONG, WEATHERPROOF, NON-STAINING MEMBRANE. HOLD SECURELY IN PLACE.

0420. AFTER MORTAR IS THOROUGHLY SET AND CURED, CLEAN EXPOSED MASONRY IN ACCORDANCE TO METHOD DESCRIBED IN BIA TECHNICAL NOTES NO. 20, USING JOB MIXED DETERGENT SOLUTION.
a. CLEAN MASONRY WITH A PROPRIETARY ACIDIC CLEANER APPLIED ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
b. PROTECT ADJACENT SURFACES FROM CONTACT WITH ANY CLEANERS.

0421. CULTURED STONE
a. EXAMINE EXISTING BRICK AND STUCCO SUBSTRATE. NOTIFY ARCHITECT OF ANY LOOSE OR SOFT MORTAR, CRACKED MASONRY OR ANY DAMAGED STUCCO. DO NOT PROCEED WITH WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
b. CLEAN ALL SURFACES TO RECEIVE CULTURED STONE AS REQD TO REMOVE ALL EXISTING FORM RELEASE AGENTS, DIRT, PAINT AND SEALERS FROM SURFACES.
c. INSTALL CONTINUOUS WEEP SCREED AT 4" ABOVE FINISH GRADE AND AT 2" ABOVE PAVING.
d. APPLY SCRATCH COAT WITH EMBEDDED MESH ON EXISTING BRICK AND STUCCO VENEERS.
d.a. MESH TO BE SELF FURRED OR SECURED WITH FURRING FASTNERS TO PROVIDE 1/4" CLEARANCE BETWEEN LATH AND SUBSTRATE. LATH TO MEET ASTM C1032, FOR 18 GA WOVEN WIRE MESH. FASTENERS - ASTM C1063.
e. APPLY MORTAR SETTING BED. INSTALL CULTURED STONE UNITS IN HORIZONTAL PATTERN.
f. APPLY MORTAR JOINTS WITH GROUT BAG. TOOL CONCAVE JOINTS.
f.a. TYPE N MORTAR. ASTM C1384, ASTM C1059. COLOR AS SELECTED. COLORING PIGMENT TO COMPLY WITH ASTM C979.
g. INSTALL PER MVMA INSTALLATION GUIDE FOR ADHERED CONCRETE MASONRY VENEER.
h. CULTURED STONE MANUFACTURER: PROVIA. TYPE: BUFF LIMESTONE.

## DIVISION 5 - METALS

0501. STRUCTURAL STEEL AND MISCELLANEOUS METAL SHALL CONFORM TO THE REQUIREMENTS OF CHAPTERS 16 AND 22, OBC.

0502. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

0503. UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION TO BE GOVERNED BY:
a. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION.
b. AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", LATEST EDITION.
c. AMERICAN WELDING SOCIETY (AWS) "STRUCTURAL WELDING CODE", AWS D1-1, LATEST EDITION.
d. RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) "SPECIFICATION FOR STRUCTURAL JOINT USING ASTM A 325 OR A 490 BOLTS".
e. RCSC "LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A 325 OR A 490 BOLTS".

0504. SHOP PAINT ALL STRUCTURAL STEEL CONFORMING TO STEEL STRUCTURES PAINTING COUNCIL SPECIFICATION NO. 15-68T, TYPE 1.
a. DO NOT PAINT STEEL OR ANCHOR BOLTS WHICH WILL BE ENCASED IN CONCRETE.
b. STRUCTURAL STEEL SHAPES ARE TO RECEIVE TWO COATS OF SHOP PAINT.
1. SSPC-PAINT 13.
c. STEEL LINTELS IN EXTERIOR FACE BRICK VENEER SYSTEM WALLS ARE TO RECEIVE TWO COATS OF SHOP PAINT.
1. SSPC-PAINT 13.
d. GALVANIZING REPAIR PAINT TO BE ZINC RICH PRIMER PAINT.
e. GALVANIZED FINISHES:
1. ASTM A153 FOR GALVANIZING IRON AND STEEL HARDWARE.
2. ASTM A123 FOR GALVANIZING ROLLED, PRESSED AND FORGED STEEL SHAPES, PLATES, BARS AND STRIPS 1/8" THICK AND HEAVIER.

0505. HIGH-STRENGTH BOLTS: ASTM A 325 OR A 490.

0506. ANCHOR BOLTS ASTM A 307 OR A 36, INSTALL ANCHOR BOLTS AS SHOWN.
a. EXPANSION BOLTS: HILTI "KWIK-BOLTS" OR APPROVED EQUAL.
b. PROVIDE HEAVY NUT AND WASHER AT ALL ANCHOR BOLTS (BOTH ENDS WHERE SHOWN).

0507. WOOD FRAMING METAL CONNECTORS: GALVANIZED STEEL JOIST HANGERS, TRUSS HOLD-DOWN ("HURRICANE") CLIPS, HOLD-DOWN ANCHORS, PLYWOOD SHEATHING CLIPS, STEEL STRAPPING, ETC., WITH GAUGE AS NOTED ON DRAWINGS, BASED ON SIMPSON "STRONG-TIE" COMPANY WITH EQUAL BY TECO COMPANY.

0508. EMBEDMENT LENGTH OF EXPANSION BOLTS INTO SOLID MASONRY OR CONCRETE SHALL BE AS FOLLOWS:
a. 1/2 INCH DIAMETER BOLTS: 3 1/2INCHES EMBEDMENT.
b. 3/4 INCH DIAMETER BOLTS: 5 INCHES EMBEDMENT.

0509. PIPERAIL: FURNISH AND INSTALL PAINTED, GALVANIZED STEEL PIPE, 1 1/2" DIAMETER, ALL WELDED CONSTRUCTION, PIPE RAIL GUARD ASSEMBLIES AS DETAILED ON THE DWGS.
a. COMPLY WITH THE NATIONAL ASSOCIATION of ARCHITECTURAL METAL MANUFACTURERS (NAAMM) " PIPE RAILING MANUAL", LATEST EDITION, RECOMMENDATIONS FOR MATERIALS, FABRICATIONS AND INSTALLATION.
b. HANDRAILS MUST BE DESIGNED AND CONSTRUCTED TO CARRY A CONCENTRATED LOAD OF 200 POUNDS APPLIED AT ANY POINT AND IN ANY DIRECTION AND A UNIFORM LOAD OF 50 POUNDS APPLIED IN ANY DIRECTION.
c. PROVIDE ALL SLEEVES, ANCHORS, CLIPS AND OTHER ITEMS REQUIRED TO COMPLETE THE WORK. FURNISH THE SAME TO THE OTHER TRADES IF REQUIRED TO BE " BUILT-IN" WORK.
d. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE FABRICATING ANY OF THE WORK.

0510. PROVIDE ALL METAL FASTENERS, BOLTS, NUTS, WASHERS, ANDHOR BOLTS, ETC AS REQD FOR FRAMING WORK. ALL METAL HANGERS, CONNECTORS, CLIPS, STRAPS, ANCHORS, BOLTS, FASTENERS, SCREWS, ETC. IN DIRECT CONTACT WITH ANY PERSERVATIVELY TREATED LUMBER SHALL BE STAINLESS STEEL TYPE 304 OR TYPE 316 OR "DOUBLE DIPPED" GALVANIZED THAT COMPLIES WITH THE ASTM A 123 (CONNECTORS) OR A153 (FASTENERS) CLASS D STANDARDS FOR FASTENERS AND HARDWARE. THE CONNECTORS AND FASTENERS MUST BE MADE OF THE SAME MATERIAL FOR COMPATIBILITY.

0511. INTERIOR METAL STUDS
a. FURNISH AND INSTALL GALVANIZED METAL STUDS IN THE SIZE, GAGE AND SPACING AS INDICATED ON THE DRAWINGS, WITH MIN YIELD STRENTH OF 33,000 PSI.
a.a. GALVANIZED FINISH TO COMPLY WITH ASTM A653 FOR MINIMUM G60 COATING
a.b. PROVIDE NUTS, BOLTS, WASHERS, SCREWS AND OTHER FASTENERS WITH CORROSION RESISTANT PLATED FINISH
a.c. WHERE GALVANIZED SURFACES ARE DAMAGED, PREPARE SURFACES AND REPAIR IN ACCORDNCE WITH PROCEDURES SPECIFIED IN ASTM A780.
b. INSTALLATION
b.a. ATTACH BY BOLTING, OR SCREW FASTENERS, AS STANDARD WITH MFR.
b.b. WIRE TYING OF FRAMING COMPONENTS IS NOT PERMITTED.
b.c. MAX ALLOWABLE TOLERANCE VARIATION FROM PLUMB, LEVEL AND TRUE TO LINE IS 1/8" IN TEN FEET.
b.d. INSTALL PER MFR'S PUBLISHED RECOMMENDATIONS
b.e. RUNNER TRACKS TO RUN CONTINUOUS, WITH ATTACHMENTS TO ADJACENT SURFACE NOT TO EXCEED 24" OC FOR POWDER DRIVEN FASTENERS, OR 16" OC FOR OTHER TYPES OF ATTACHMENT. PROVIDE FASTENERS AT CORNERS AND ENDS OF TRACKS.
b.f. SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY EITHER WELDING OR SCREW FASTENING AT BOTH INSIDE AND OUTSIDE FLANGES.
b.g. FRAME WALL OPENINGS LARGER THAN TWO FEET SQUARE WITH DOUBLE STUD AT EACH JAMB OF FRAME EXCEPT WHERE MORE THAN TWO ARE EITHER SHOWN OR INDICATED IN MFR'S INSTRUCTIONS. INSTALL RUNNER TRACKS AND JACK STUDS ABOVE AND BELOW WALL OPENINGS. ANCHOR TRACKS TO JAMB STUDS WITH STUD SHOES OR BY WELDING, AND SPACE JACK STUDS SAME AS FULL HEIGHT STUDS OF WALL. SECURE STUD SYSTEM WALL OPENING FRAME IN MANNER INDICATED.
b.h. INSTALL HORIZONTAL BRIDGING IN INTERIOR STUD WALLS (NOT 'FURRED WALLS') AT NOT MORE THAN 48 INCHES ON CENTER VERTICALLY.
c. ACCEPTABLE MANUFACTURERS INCLUDE:
c.a. ALABAMA METAL INDUSTRIES CORP.
c.b. AMERICAN STUDCO, INC.
c.c. DALE INDUSTRIES, INC.
c.d. DIETRICH INDUSTRIES, INC.
c.e. INCOR PLANT DALE INDUSTRIES
c.f. SUPER STUD BUILDING PRODUCTS
c.g. UNITED STATES STEEL
c.h. UNITED CONSTRUCTION SUPPLY

0512 AND 0513. NOT USED.

0514. USE ONLY EXPERIENCED LIGHTWEIGHT STEEL STUD FRAMERS APPROVED BY THE MATERIALS MANUFACTURER AND WITH NOT LESS THAN FIVE YEARS OF SUCCESSFUL EXPERIENCE INSTALLING LIGHTWEIGHT STEEL FRAMING ASSEMBLIES SIMILAR TO THOSE REQUIRED FOR THIS PROJECT.

0515. COLD-FORMED METAL FRAMING MATERIALS: "C" SHAPED NON-LOAD-BEARING STUDS, UNITS 22 GAUGE, ASTM A653 WITH GALVANIZED FINISH IN ACCORDANCE WITH ASTM A653, G60 REQUIREMENTS. SPACING AS INDICATED ON THE DRAWINGS.

0516. ERECT METAL FRAMING COMPONENTS IN ACCORDANCE WITH ASTM AND ML/SFA REQUIREMENTS. BRACE AND FASTEN ALL WORK TO PROVIDE FOR CONSTRUCTION LOADS, DEAD LOADS, WIND LOADS AND ERECTION STRESSES.

0517. FASTENING OF COLD-FORMED METAL FRAMING COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS OR WELDING IN ACCORDANCE ASTM C1007 REQUIREMENTS. SCREWS AND WELDS SHALL BE OF SUFFICIENT SIZE TO ENSURE THE STRENGTH OF THE CONNECTION. WIRE TYING OF COMPONENTS WILL NOT BE EXCEPTED.

0518. WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) STANDARDS AND REQUIREMENTS.
a. ELECTRODES: ASTM A233, SERIES E60 OR E70, STRUCTURAL WELDING CODE OF THE AWS.
b. ALL WELDING SHALL BE DONE WITH CARE SO AS NOT TO IMPAIR ANY OF THE STRUCTURE.

## DIVISION 6 - WOOD, PLASTICS, COMPOSITES

0601. CARPENTRY AND WOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTERS 15, 16 AND 23, OBC AND THE STRUCTURAL DRAWINGS.

0602. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

### ROUGH FRAMING

0603. LUMBER:
a. NOMINAL LUMBER SIZES ARE INDICATED, EXCEPT AS SHOWN BY DETAIL DIMENSIONS. PROVIDE ACTUAL SIZES AS REQUIRED BY U. S. PRODUCT STANDARDS (PS) PS-20 FOR MOISTURE CONTENT SPECIFIED FOR FOR EACH USE.
b. PROVIDE DRESSED SEASONED DIMENSIONED LUMBER, S4S, KILN-DRIED WITH MAXIMUM 15% MOISTURE CONTENT (MC15 OR KD).

0604. MATERIALS
1.1. ALL EXTERIOR LUMBER AND ALL LUMBER IN CONTACT WITH CONCRETE, MASONRY, GROUND, SOIL, AND WHEN USED IN CONDITIONS WITH MOISTURE PRESENT, IS TO BE PRESSURE TREATED TO RESIST DECAY. PRESERVATIVES USED FOR PRESSURE TREATMENT SHALL BE ALKALINE COPPER QUAT, ACQ-C OR ACQ-D. PRESSURE TREAT PER AWPA USE CATEGORY:
1.1.1. UC4A - GROUND CONTACT
1.1.2. UC3B - ABOVE GROUND EXTERIOR DECKING BEAMS, JOISTS, RAILING, STAIRS
1.1.3. UC2 - SILL PLATES, EAVE FRAMING, ROOF EDGE BLOCKING
1.1.4. OTHER PRESERVATIVES PROPOSED FOR USE ARE TO BE SUBMITTED FOR REVIEW PRIOR TO ERECTION OR INSTALLATION ON THE PROJECT.
1.2. STRUCTURAL LUMBER
1.2.1. INTERIOR BLOCKING - SPF NO. 1 / NO. 2
1.2.2. PLATES IN CONTACT WITH SLAB OR MASONRY - SYP NO. 2 (PRESSURE TREATED)
1.2.3. ALL MEMBERS IN CONTACT WITH EARTH, CONC SLAB OR MASONRY ARE TO BE PRESSURE TREATED, COMPLYING WITH AWPA C2 OR C9-70 REQMTS AND SECTION 2304.11 OBC.

0605. LUMBER SPECIFICATIONS:
1.1. UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY THE LATEST REVISIONS OF:
1.1.1. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
1.1.2. US PRDUCT STANDARD PS-1 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD
1.1.3. APA DESIGN / CONSTRUCTION GUIDE - RESIDENTIAL AND COMMERCIAL
1. CONNECTIONS
1.1. JOISTS TO BEAMS OR JOISTS TO TRUSSES
1.1.1. 16 GA STANDARD JOIST HANGERS UNLESS NOTED OTHERWISE
1.2. BEAMS TO BEAMS
1.2.1. 16 GA BEAM HANGERS UNLESS NOTED OTHERWISE
1.3. ALL HANGERS, STRAPS, CAPS, BASES, HOLDOWNS, TIES OR OTHER CONNECTORS IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE BATCH / POST HOT DIPPED GALVANIZED PER ASTM A123 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSTION CONFORMING TO AISI 303/304 OR AISI 316.
1.4. ALL FASTENERS INCLUDING NAILS, ANCHOR BOLTS, POWDER ACTUATED FASTENERS, SCREWS, BOLTS, AND THREADED RODS, IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
1.5. ALL FASTENERS AND CONNECTORS ARE TO BE OF THE SAME MATERIAL - STAINLESS STEEL OR HOT DIPPED GALVANIZED. DO NOT MIX MATERIALS.
1.6. ALL MECHANICAL ANCHORS INCLUDING WEDGE ANCHORS AND SLEEVE ANCHORS IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
1.7. SUPPORTS - USE ADHESIVES MEETING APA SPECIFICATIONS APG-01 AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

0606. CONSTRUCTION PLYWOOD:
a. ROOF SHEATHING: APA STRUCTURAL I & II RATED SHEATHING EXT, SPAN RATING AS REQUIRED, CONFORMING WITH PS 1-95 SPECIFICATIONS. THICKNESS AS NOTED ON DRAWINGS.
b. ELECTRICAL AND TELEPHONE EQUIPMENT BACKING PANELS TO APA AC EXT, FIRE-RETARDANT TREATED PLYWOOD, 3/4" MINIMUM THICKNESS.
c. ROOFING UNDERLAYMENT BOARD: INSTALL "RECOVERY BOARD" FOR MEMBRANE ROOFING IN ACCORDANCE WITH ROOFING MANUFACTURER'S PUBLISHED SPECIFICATIONS AND DETAILS. FURNISH UNDERLAYMENT BOARD OF HIGH DENSITY WOOD FIBERBOARD WITH ASPHALT COATED FACING, 1/2 " THICK IN MANUFACTURER'S STANDARD PANEL SIZES:
1. COMPRESSIVE STRENGTH: 32 psi.
2. DENSITY: 15.5 PCF.
3. R VALUE: 1.23

0607. PROVIDE ALL ROUGH CARPENTRY FOR WOOD BARRICADES, BRACING, BLOCKING, ETC., AS NEEDED OR REQUIRED.

0608. FURNISH AND INSTALL ROUGH HARDWARE OF EVERY KIND AND DESCRIPTION REQUIRED TO COMPLETE THE BUILDING. FURNISH AND INSTALL FINISH HARDWARE PER DIVISION 8 OF THESE GENERAL NOTES.

0609. ALL EXTERIOR FASTENINGS, NAILS, ETC., TO BE NON-STAINING AND NON-CORROSIVE.

0610 THRU 0614. NOT USED.

### FINISH CARPENTRY

0615. FINISH CARPENTRY AND MILLWORK SHALL COMPLY WITH THE STANDARDS OF "CUSTOM" QUALITY IN ACCORDANCE WITH THE ARCHITECTURAL WOODWORK INSTITUTE STANDARDS, TITLED, "ARCHITECTURAL WOODWORK QUALITY STANDARDS," LATEST EDITION. MILLWORK SUPPLIER/INSTALLER SHALL PROVIDE AND INSTALL BLOCKING FOR ANCHORING FINISH HARDWARE FOR ALL CABINETS.
a. FURNISH ALL NECESSARY/REQUIRED 2 X WOOD BLOCKING FOR ANCHORING, GRAB BARS, RECESSED ITEMS, SURFACE MOUNTED ITEMS AND EQUIPMENT, ETC.
b. PROVIDE ALL HARDWARE REQUIRED FOR PROPERLY OUTFITTED CASEWORK.

0616. FURNISH AND INSTALL FACTORY FABRICATED PLASTIC LAMINATE CASEWORK AS SPECIFIED UNDER DIVISION 12 OF THESE GENERAL NOTES. INSTALL CABINET HARDWARE (KNOBS, PULLS, ETC.) AS SELECTED BY OWNER.

0617. FURNISH AND INSTALL PLASTIC LAMINATE COUNTER-TOPS AS SPECIFIED UNDER DIVISION 12 OF THESE GENERAL NOTES.

0618. FURNISH AND INSTALL CARPENTRY-RELATED ITEMS SUCH AS INSULATION, WEATHERSTRIPPING, CAULKING, LOUVERS, ETC., AS NOTED/SHOWN ON THE DRAWINGS.

0619. FURNISH AND INSTALL STANDING AND RUNNING TRIM AND MILLWORK WITH MINIMUM NUMBER OF JOINTS. USE FULL LENGTH PIECES, FROM MAXIMUM LENGTH OF MATERIAL AVAILABLE. STAGGER JOINTS IN ADJACENT AND RELATED MEMBERS. COPE AT RETURN, MITER AT CORNERS AND COMPLY WITH "QUALITY STANDARDS" FOR JOINERY. BUTT JOINTS, EXCEPT AS DETAILED, ARE NOT ACCEPTABLE. ALL STAINED FINISH TRIM TO BE FAS GRADE POPLAR.

0620. FABRICATE, INSTALL, ETC. ALL FINISH WORK PROPERLY FRAMED, CLOSELY FITTED AND ACCURATELY SET TO REQUIRED LINES AND LEVELS AND RIGIDLY SECURED IN PLACE. INSTALL WORK STRAIGHT, PLUMB, LEVEL AND IN TRUE ALIGNMENT; SHIM AS REQUIRED, CONCEALING SHIMS NEATLY AND ACCURATELY FITTED, SCRIBED AND THOROUGHLY SECURED. MITERS AND OTHER JOINTS SHALL BE PLANED AND SANDED FOR TIGHT FIT. ALL WORK SHALL BE LEFT CLEAN AND FREE FROM WARP, TWIST, OPEN JOINTS AND OTHER DEFECTS.

0621. REPAIR DAMAGED AND DEFECTIVE FINISH CARPENTRY MATERIALS AND MILLWORK TO ELIMINATE FUNCTIONAL AND VISUAL DEFECTS. WHERE NOT POSSIBLE TO REPAIR TO THE SATISFACTION OF THE OWNER, REPLACE THE DEFECTIVE FINISH CARPENTRY MATERIALS AND MILLWORK WITH NEW IN-KIND.

0622. ROUGH HARDWARE:
a. FURNISH AND INSTALL ROUGH HARDWARE OF EVERY KIND AND DESCRIPTION TO COMPLETE THE WORK. IF CALLED FOR, REMOVE AND RE-INSTALL ALL EXISTING DOOR HARDWARE THAT IS NOTED OR SCHEDULED TO BE RELOCATED. COMPLETE SAID WORK IN ACCORDANCE WITH DIVISION 08 OF THESE GENERAL NOTES.
b. PROVIDE BOLTS, PLATES, ANCHORS, HANGERS AND OTHER MISCELLANEOUS STEEL AND IRON SHAPES AS REQUIRED FOR WOOD FRAMING AND SUPPORTING WOODWORK AND FOR ANCHORING OR SECURING FRAMING AND/OR WOODWORK TO CONCRETE, MASONRY, OR WOOD STRUCTURES.
c. PROVIDE SIZE, TYPE, MATERIAL AND FINISH REQUIRED FOR NAILS, SCREWS, BOLTS, NUTS, WASHERS AND ANCHORING DEVICES. PROVIDE REQUIRED FINISH AS SPECIFIED BY THE PRESERVATIVE TREATMENT MANUFACTURER.
d. FURNISH ALL FASTENERS, BOLTS, NUTS, WASHERS, ETC. TO INSTALL DOORS AND WINDOWS AS INDICATED AND SPECIFIED UNDER DIVISION 08 OF THESE GENERAL NOTES.

0623. PROTECT INSTALLED FINISH CARPENTRY MATERIALS AND MILLWORK UNTIL FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER.

0624. PREFAB INTERIOR COLUMN COVERS:
a. FURNISH AND INSTALL TWO-PIECE, 12" DIA x 10' TALL, SMOOTH, STRAIGHT SHAFT, LAP JOINTED, PAINTABLE COLUMN COVER. NO CAP OR BASE.
a.a. SECURE BLOCKING TO EXISTING STEEL COLUMN AS REQD PER MFR'S INSTRUCTIONS FOR COLUMN COVER INSTALLATION.
a.b. SECURE COLUMN HALVES TO BLOCKING.
a.c. FILL JOINT AND SAND SMOOTH FOR SEAMLESS APPEARANCE, READY FOR PAINT.
b. MODEL # EC-101C BY EDON, OR APPROVED EQUAL BY ELITE TRIMWORKS OR PACIFIC COLUMNS, INC..

0624. CURVED AND STRAIGHT ENTRY PORCH FASCIA BOARDS
a. 5/8" THICK, PAINTABLE, SMOOTH FINISH, EXTERIOR CELLULAR PVC TRIM BOARDS, CUT TO FIT AS DETAILED, BY AZEK BUILDING PRODUCTS OR APPROVED EQUAL.
b. INSTALL PER MFR'S INSTRUCTIONS, SECURE TO BLOCKING AT 12" OC AS DETAILED.
c. WHERE INSTALLED AT DOUBLE RADIUSSED PORCH FASCIA, TRIM BOARDS TO BE PREFORMED TO PROVIDE SMOOTH RADIUSSED FACE, FITTING SNUGLY TO BLOCKING, WHILE NOT ALLOWING FLAT FACE OF BLOCKING TO RADIATE THRU TO FACE OF TRIM.
c.a. FASCIA PREFORMING BY PUGH VINYL, INC. 330-305-0980
c.b. PREFORMED FASCIA FLASHING TO BE 1 1/4" x 2" VINYL FLASHING MFR'D BY GORILLA VINYL PRODUCTS OR APPROVED EQUAL, PREFORMED TO FIT FASCIA RADII BY PUGH VINYL, INC. INTEGRAL COLOR AS SELECTED.

## DIVISION 7 - THERMAL AND MOISTURE PROTECTION

0701. THERMAL INSULATING MATERIALS SHALL BE IN ACCORDANCE WITH CHAPTER 7 OBC. INSULATING MATERIALS SHALL HAVE A FLAME SPREAD RATING OF 75 OR LESS, AND SMOKE-DEVELOPED RATING OF 450 OR LESS.

0702. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH ANY PORTION OF THE WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

0703. FURNISH AND INSTALL APPROPRIATE INSULATIONS FOR SLAB EDGES, EXTERIOR WALLS, ATTIC SPACES AND SOUND WALLS AS SHOWN ON THE DRAWINGS.
a. RIGID INSULATION FOR CONCRETE FLOOR-SLAB-PERIMETER SHALL BE DOW CHEMICAL STYROFOAM "SM" OR EQUAL. FURNISH THICKNESSES AND "R" VALUES AS NOTED ON THE DRAWINGS.
b. ACOUSTICAL INSULATION TO BE FIBERGLASS OR MINERAL FIBER UNFACED SOUND ATTENUATION BATTS OR BLANKETS FOR TIGHT FRICTION FIT BETWEEN FRAMING MEMBERS, MEETING REQMTS OF ASTM C553 OR ASTM C665 AS APPLICABLE. MAX FLAME SPREAD AND SMOKE DEVELOPED VALUES OF 10 AND 10 RESPECTIVELY.
c. FACED MINERAL-FIBER BLANKET INSULATION: ASTM C 665 TYPE III, CLASS A; CATEGORY 1, FACED WITH FOIL-SCRIM-KRAFT ON ONE FACE. FURNISH THICKNESSES AND 'R' VALUES AS NOTED ON THE DWGS.
d. RIGID INSULATION AT FLAT ROOF TO BE NON-TAPERED, POLYISOCYANURATE BOARDS, SUPPLIED BY RUBBER ROOF MFR. FURNISH THICKNESSES AND "R" VALUES AS NOTED ON THE DRAWINGS.

0704. INSTALL 6 MIL POLYETHYLENE, INTERIOR, VAPOR BARRIER UNDER GYPSUM BOARD AT ALL INSULATED EXTERIOR WALLS.
a. INSTALL 6 MIL POLYETHYLENE MOISTURE BARRIER UNDER ALL INTERIOR SLAB-ON-GRADE INFILLS.

0705 THRU 710 - NOT USED.

0711. EPDM ADHERED ROOFING:
a. FURNISH AND INSTALL FULLY ADHERED .060 EPDM SINGLE PLY ELASTOMERIC ROOF MEMBRANE SYSTEM ON 1/2" COVER BOARD ON NEW AND/OR EXISTING POLYISO INSULATION BOARDS AS NOTED ON THE DRAWINGS, INCLUDING:
a.a. PREPARATION OF EXISTING SUBSTRATE AS INDICATED ON THE DRAWINGS
a.b. INSTALLATION OF NEW TREATED WOOD NAILERS FOR ROOFING ATTACHEMENT AS DETAILED ON THE DRAWINGS.
a.c. NEW RIGID INSULATION AS NOTED AND SPECIFIED.
a.d. NEW COVER BOARD AS NOTED AND SPECIFIED.
a.e. NEW METAL COPINGS, SLOTTED DRAIN BARS, GUTTERS, GUTTER STRAPS, DOWNSPOUTS, TERMINATION BARS; ALL AS DETAILED AND NOTED.
a.f. REPLACEMENT OF MEMBRANE FLASHINGS.
a.g. SEALANT WHERE NOTED AND PER MFR'S RECOMMENDATIONS.
a.h. REPLACEMENT OF ALL MEMBRANE BOOTS AT EXISTING PIPES, CONDUIT, AND FLUES; REPLACEMENT OF EQUIPMENT CURB FLASHINGS, SCUPPER FLASHINGS.
a.i. NEW WALKWAY PADS.
a.j. OTHER ROOFING-RELATED ITEMS AS NECESSARY TO PROVIDE A COMPLETE WEATHERPROOF ROOFING SYSTEM.
b. DISPOSE OF ALL DEBRIS RESULTING FROM ALL NEW ROOFING AND FROM DEMOLITION OF EXISTING ROOFING WHERE CALLED FOR.
c. PRIOR TO COMMENCEMENTOF INSTALLATION OF NEW ROOFING, THE ROOFING CONTRACTOR SHALL:
c.a. PROVIDE OWNER A COPY OF ROOFING MANUFACTURER'S PRE INSTALLATION NOTICE OF APPROVAL OF EXISTING CONDITIONS.
c.b. PROVIDE TO THE OWNER CERTIFICATION FROM THE ROOFING MFR OF HIS 'MASTER CONTRACTOR STATUS.'
d. ROOFING ASSEMBLY SHALL HAVE UNDERWRITERS LABORATORIES CLASS A FIRE HAZARD CLASSIFICATION AND SHALL COMPLY WITH FACTORY MUTUAL ROOF ASSEMBLY CLASSIFICATION FM DS 1-28 AND 1-29 AND MEET MINIMUM REQMTS OF FM 1-90 WIND UPLIFT RATING.
e. ROOFING SYSTEM TO BE FIRESTONE BUILDING PRODUCTS CO., RUBBERGARD EPDM ROOFING SYSTEM WITH ISOGARD HD COVER BOARD AND MECHANICALLY ATTACHED POLYISO INSULATION BOARDS. EQUALS BY CARLISLE, JOHNS MANVILLE.
e.a. ALL NEW COMPONENTS OF THE ROOFING SYSTEM TO BE PROVIDED BY THE SAME MFR.
e.b. PROVIDE 20 YEAR MANUFACTURER'S WRITTEN WARRANTY. NO DOLLAR LIMIT.
e.c. CONTRACTOR TO REPAIR ALL LEAKS CAUSED BY ORDINARY WEAR AND TEAR, MANUFACTURING DEFECTS, DEFECTIVE INSTALLATION WORKMANSHIP, AND DAMAGE DUE TO WINDS UP TO 90 MPH.

0712. PREFINISHED ALUMINUM COIL STOCK .040 BREAK METAL WHERE INDICATED ON THE DRAWINGS. INSTALL PER WITH MANUFACTURER'S DETAILS AND SPECIFICATIONS.
a. MANUFACTURER: ALCOA, WOLVERINE AND ALSIDES OR OWNER APPROVED EQUAL.
b. COLOR AS SELECTED BY OWNER.

0713. PROVIDE CONT PREFINISHED OGEE ALUMINUM GUTTERS AND DOWN SPOUTS SIZED AND SHAPED AS SHOWN ON THE DWGS. INSTALL AND SUPPORT GUTTER AND DOWN SPOUTS IN ACCORDANCE WITH LATEST INSTALLATION INSTRUCTIONS FROM GUTTER MANUFACTURER AND S.M.A.C.N.A. DETAILS. ALL GUTTER WORK SHALL BE JOINED AND OVERLAPPED AS REQUIRED TO PRODUCE A WEATHER AND WATER TIGHT SYSTEM.
a. GUTTERS AND DOWNSPOUTS TO BE 0.027 INCHES THICK MINIMUM.
b. METAL SHEET MANUFACTURER: ALCOA, WOLVERINE AND ALSIDES OR OWNER APPROVED EQUAL.
c. COLOR(S) AS SELECTED BY OWNER.
d. EXTEND DOWN SPOUTS MIN 3" INTO EXISTING BOOTS AT GRADE. IN ABSENCE OF EXISTING BOOT, PROVIDE NEW CONCRETE SPLASHBLOCK AT GRADE AND TERMINATE DOWNSPOUT WITH VERT TO HORIZ ELBOW 1" ABOVE SPLASHBLOCK. SEE EXTERIOR ELEVATIONS FOR BOOT AND SPLASHBLOCK LOCATIONS.

0714. EXTERIOR CAULKING SHALL BE ELASTIC, NON-STAINING, NON-CORRODING, "G.E. SILICONE". COLOR AS SELECTED. INTERIOR CAULKING SHALL BE ELASTIC, NON-STAINING, NON-CORRODING, SHERWIN WILLIAMS PAINTABLE, 20 YEAR ACRYLIC LATEX OR APPROVED EQUAL.
a. SEAL ALL LOCATIONS WHICH REQUIRE SEALING TO PREVENT INFILTRATION OF AIR, WATER AND INSECTS. (WHETHER NOTED ON THE DWGS OR NOT.)
b. INSTALL SEALANT BACKER RODS, EXCEPT WHERE RECOMMENDED TO BE OMITTED BY SEALANT MANUFACTURER FOR APPLICATION INDICATED. USE ROD DIAMETER THAT WILL REQR COMPRESSION WHEN INSTALLED.

0715. ICE AND WATER SHIELD
a. SELF ADHERING, RUBBERIZED ASPHALT POLYETHENE SHEET BACKED, 40 MIL THICK WATERPROOFING MEMBRANE, W.R. GRACE "BITUTHENE ICE AND WATER SHIELD" OR APPROVED EQUAL.

0716. WATER DRAINAGE, EXTERIOR INSULATION AND FINISH SYSTEM (EIFS):
a. WHERE SHOWN ON EXTERIOR ELEVATIONS, AND AS DETAILED IN THE DRAWINGS, INSTALL NEW CONTINUOUS INSULATION CLADDING SYSTEM WITH SYNTHETIC STUCCO FINISH VENEER.
b. MANUFACTURER AND SYSTEM:
b.a. DRYVIT'S 'REVYVIT' SOLUTION 3CI CLADDING USING OUTSULATION MD SYSTEM, OR APPROVED EQUAL BY BASF OR SHELTER ENTERPRISES, INC.
c. INSTALL PER MFR'S INSTRUCTIONS
c.a. CLEAN AND PREP EXISTING BRICK AND STUCCO VENEERS AS NECESSARY.
c.a.a. LEVEL AND PATCH ANY EXISTING STUCCO IRREGULARITIES OR CRACKS. PATCH WITH EIFS MFR'S RECOMMENDED COMPOUNDS.
c.b. COVER EXISTING EXTERIOR SURFACE WITH LIQUID-APPLIED AIR AND WATER RESISTIVE BARRIER.
c.c. ADHERE GROOVED EPS INUSLATION BOARDS (THICKNESSES AND PATTERNS AS NOTED ON DWGS) TO EXISTING VENEER.
c.d. INSTALL EIFS FOAM WATERTABLE WHERE SHOWN ON DRAWINGS
c.d.a. PROVIDE SUPPORT ANGLES AS NECESSARY
c.d.b. FLASH BOTTOM EDGE OF EPS BOARD ABOVE WATERTABLE; AND FLASH BEHIND AND BELOW WATERTABLE AS DETAILED.
c.e. INSTALL VENT TRACK AND VENT ASSEMBLY AT BASE OF WALL.
c.f. BASE COAT TO HAVE EMBEDDED 'PANZER 20' FIBERGLAS REINFORCING MESH.
c.g. FINISH COAT TO BE AGGREGATE TEXTURED 100% ACRYLIC-BASED 'DPR' (DIRT PICKUP RESISTANCE) 'SANDPEBBLE FINE' FINISH WITH INTEGRAL COLORS AS SHOWN ON THE DRAWINGS. COLORS TO BE SELECTED BY OWNER.
c.h. PROVIDE REINFORCING MESH AT ALL CORNERS AND THICKNESS TRANSITIONS.
c.i. PROVIDE 'V' DRIP STOPS AT HEADS OF ALL OPENINGS.
c.j. FLASH ALL OPENINGS.
c.k. ALL INSTALLATION PROCEDURES TO COMPLY WITH MFR'S STANDARD DETAILS.
d. SHOP DRAWINGS TO INCLUDE MFR'S LITERATURE, TEXTURE FINISH SAMPLES, AND ALL PROPOSED SYSTEM DETAILS TO BE UTILIZED ON THIS PROJECT, WITH ELEVATIONS SHOWING WHERE DETAILS APPLY.

0717. CEMENT PLASTER SOFFITS
a. PLASTER AND ACCESSORIES MFR: US GYPSUM COL., OR EQUAL BY GOLD BOND BLDG PRODUCTS, OR THORO SYSTEMS PRODUCTS.
b. PROVIDE STANDARD PRODUCTS REOMMENDED BY THE MFR FOR THE APPLICATION INDICATED, COMPLYING WITH ASTM C926.
c. PROPORTIONING AND MIXING OF MATERIALS - ASTM C926. PROVIDE AINTI CRACKING AND BONDING ADMIXTURE. BASE COAT - NOT LEANER THAN ONE PART PORTLAND CEMENT TO TWO AND ONE-HALF PARTS SAND WITH ANTI-CRACKING AND BONDING ADMIXTURE ADDED. FINISH COAT - USG EXTERIOR FINISH STUCCO, FACTORY PREPARED WATER-RESISTANT FINISH COAT WITH ANTI-CRACKING AND BONDING ADMIXTURE ADDED.

0718. STANDING SEAM METAL ROOFING
PROVIDE A FACTORY FORMED, FACTORY FINISHED ARCHITECTURAL STANDING SEAM ROOF SYSTEM, INCLUDING ALL TRIM, COPINGS, FASCIA, RIDGE, CLOSURES, CLIPS, FLASHING, SEALANTS, GASKETS, FILLERS, ETC. AND ALL OTHER ITEMS AND INCIDENTALS AS REQUIRED FOR A COMPLETE WEATHERTIGHT ASSEMBLY. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, DETAILS AND SPECIFICATIONS AND WITH SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL", LATEST EDITION.
a. SHALL BE DESIGNED TO MEET CHAPTER 15, OBC. REFER TO THE STRUCTURAL DRAWINGS FOR THE SPECIFIC WIND SPEED, EXPOSURE AND SNOW LOAD DESIGN CRITERIA.
b. PERFORMANCE
1. AIR INFILTRATION: AIR LEAKAGE OF NOT MORE THAN 0.06 CFM/SF OF ROOF AREA WHEN TESTED IN ACCORDANCE WITH ASTM E1680 AT THE FOLLOWING TEST PRESSURE DIFFERENCE.
a) TEST PRESSURE DIFFERENCE ROOF SLOPE 30 DEGREES OR LESS: NEGATIVE 1.57 LBF/SF
b) TEST PRESSURE DIFFERENCE ROOF SLOPE GREATER THAN 30 DEGREES: POSITIVE AND NEGATIVE 1.57 LFB/SF.
c) POSITIVE PRELOAD TEST PRESSURE DIFFERENCE: GREATER THAN OR EQUAL TO 15.0 LBF/SF AND THE GREATER OF 75 PERCENT OF BUILDING LIVE LOAD OR 50 PERCENT OF BUILDING DESIGN POSITIVE WIND PRESSURE DIFFERENCE.
d) NEGATIVE PRELOAD TEST PRESSURE DIFFERENCE: 50 PERCENT OF DESIGN WIND UPLIFT PRESSURE DIFFERENCE.
2. WATER PENETRATION: NONE WHEN TESTED IN ACCORDANCE WITH ASTM E1646 AT THE FOLLOWING TEST PRESSURE DIFFERENCE. AT POSITIVE PRE-LOAD TEST PRESSURE DIFFERENCE (GREATER THAN OR EQUAL TO 15 LBS PER SQUARE FOOT AND THE GREATER OF 75 PERCENT OF BUILDING LIVE LOAD AND 50 PERCENT OF BUILDING DESIGN) AND NEGATIVE PRE-LOAD TEST PRESSURE DIFFERENCE (50 PERCENT OF DESIGN WIND UPLIFT PRESSURE).
a) TEST PRESSURE DIFFERENCE ROOF SLOPE 30 DEGREES OR LESS: NEGATIVE 2.86 LBF/SF
b) TEST PRESSURE DIFFERENCE ROOF SLOPE GREATER THAN 30 DEGREES: 20 PERCENT OF POSITIVE DESIGN WIND PRESSURE, BUT NOT LESS THAN 6.24 LBF/SF AND NOT MORE THAN 12.0 LBF/SF.
c) POSITIVE PRELOAD TEST PRESSURE DIFFERENCE: GREATER THAN OR EQUAL TO 15.0 LBF/SF AND THE GREATER OF 75 PERCENT OF BUILDING LIVE LOAD OR 50 PERCENT OF BUILDING DESIGN POSITIVE WIND PRESSURE DIFFERENCE.
d) NEGATIVE PRELOAD TEST PRESSURE DIFFERENCE: 50 PERCENT OF DESIGN WIND UPLIFT PRESSURE DIFFERENCE.
3. HYDROSTATIC HEAD RESISTANCE: NO WATER PENETRATION WHEN TESTED IN ACCORDANCE WITH ASTM E2140
4. WIND UPLIFT: COMPLY WITH ASTM E1529 AND UL 580; CLASS AS SPECIFIED BY THE STRUCTURAL ENGINEER OR AS DETERMINED BY ASCE 7.
5. COMPLY WITH REQUIREMENTS OF FMG 4471 FOR CLASS 1 OR NONCOMBUSTIBLE CONSTRUCTION.
a) FIRE/WINDSTORM CLASSIFICATION: REFERENCE THE STRUCTURAL DRAWINGS.
b) HAIL RESISTANCE: MH
5. STRUCTURAL PERFORMANCE: PROVIDE ASSEMBLY CAPABLE OF WITHSTANDING THE EFFECTS OF GRAVITY LOADS AND THE FOLLOWING LOADS AND STRESSES WITHIN LIMITS AND UNDER CONDITIONS INDICATED. TESTING IN ACCORDANCE WITH ASTM E1592.
a) WIND LOAD: REFERENCE THE STRUCTURAL DRAWINGS.
b) SNOW LOAD: REFERENCE THE STRUCTURAL DRAWINGS.
c) DEFLECTION LIMIT: REFERENCE THE STRUCTURAL DRAWINGS.
6. THERMAL MOVEMENT: ALLOW MOVEMENT RESULTING FROM AMBIENT AND SURFACE TEMPERATURE CHANGES; BASE ENGINEERING CALCULATIONS ON THE SURFACE TEMPERATURE OF MATERIALS BASED ON SOLAR HEAT GAIN AND NIGHTTIME SKY HEAT LOSS. TEMPERATURE CHANGE 120 DEGREES FAHRENHEIT AMBIENT, 180 DEGREES FAHRENHEIT MATERIAL SURFACES.
7. ENERGY: PROVIDE PRODUCT: THAT IS LISTED ON THE U.S. DEPARTMENT OF ENERGY'S ENERGY STAR ROOF PRODUCTS QUALIFIED PRODUCTS LIST OR; WITH SOLAR REFLECTANCE INDEX NOT LESS THAN XX OR XX WHEN CALCULATED IN ACCORDANCE WITH ASTM E1980; OR WITH INITIAL SOLAR REFLECTANCE NOT LESS THAN 0.70 AND EMISSIVITY NOT LESS THAN 0.75 WHEN TESTED IN ACCORDANCE WITH CRRC-1.
c. MATERIAL
1. FACE SHEET PANEL, STANDING SEAM: ASTM B209, ASTM E1637; COIL-COATED ALUMINUM SHEET; TEMPERED AS REQUIRED TO SUIT FORMING OPERATIONS AND AND STRUCTURAL PERFORMANCE; PREFABRICATED AND PREFINISHED; MINIMUM 0.024 INCHES (22 GAGE) THICK; PANEL COVERAGE 14 INCHES WIDE; PANEL HEIGHT 1-1/2 INCHES; FORM USING THE CONTINUOUS END ROLLING METHOD WITH NO END LAPS.
a) FINISH: SHALL MEET THE ENERGY STAR PERFORMANCE CRITERIA FOR EMISSIVITY PER ASTM C1371 AND REFLECTIVITY PER ASTM C1549; FACTORY APPLIED TWO COAT THERMO CURED SYSTEM COMPRISED OF INHIBITIVE PRIMER TO A DRY FILM THICKNESS OF 0.25 TO 0.31 MIL AND A FLUOROPOLYMER COLOR TOP COAT CONTAINING NOT LESS THAN 70 PERCENT POLYVINYLIDENE FLUORIDE RESIN BY WEIGHT TO A DRY FILM THICKNESS 0.70 TO 0.90 MIL. TESTS FOR ADHESION, FLEXIBILITY AND LONGEVITY ARE AS SPECIFIED BY THE PAINT MANUFACTURER. CUSTOM COLOR AS SELECTED BY THE ARCHITECT.
2. FLASHING AND TRIM: MATCH THICKNESS, MATERIAL AND FINISH OF THE FACE SHEET PANEL; PRESS BRAKE IN MINIMUM 12 FOOT LENGTHS; INSTALLED IN OVERLAP CONDITION; REFERENCE THIS DIVISION FOR SPECIFIC REQUIREMENTS; COLOR TO MATCH THE FACE SHEET PANEL.
3. RIDGE AND SIDEWALL VENT: MATCH THICKNESS, MATERIAL AND FINISH OF THE FACE SHEET PANEL; PRESS BRAKE MINIMUM 12 FOOT LENGTHS; INSTALLED IN OVERLAP CONDITION; COLOR TO MATCH THE FACE SHEET PANEL.
4. CLOSURES: MATCH THICKNESS, MATERIAL AND FINISH OF THE FACE SHEET PANEL; COLOR TO MATCH THE FACE SHEET PANEL.
5. COPINGS: SNAP-ON; MATCH THICKNESS, MATERIAL AND FINISH OF THE FACE SHEET PANEL; COLOR TO MATCH THE FACE SHEET PANEL.
6. PANEL CLIPS: MINIMUM 0.0625 INCHES THICK, ZINC COATED GALVANIZED; SIZE AND SPACING AS INDICATED BY THE MANUFACTURER.
7. BACKING PLATE
8. SNOW GUARD: PLASTIC, PREFABRICATED, NONCORROSIVE UNITS DESIGNED TO BE INSTALLED WITHOUT PENETRATING THE ROOF PANELS; COLORED TO MATCH PANEL
9. CLEATS: MECHANICALLY SEAMED FORMED FROM MINIMUM 0.025 INCHES THICK STAINLESS STEEL SHEET.
10. SEALING TAPE: 100 PERCENT SOLIDS POLISOBUTYLENE COMPOUND WITH RELEASE PAPER BACKING, ELASTIC, NON-SAG, AND NON-STAINING PRESSURE SENSITIVE.
11. FASTENERS: CONCEALED SCREWS WITH CORROSION RESISTANT FINISH RECOMMENDED BY THE ROOFING SYSTEM MANUFACTURER FOR THE SYSTEM BEING INSTALLED. CADMIUM PLATED SCREWS ARE NOT ACCEPTABLE.
12. UNDERLAYMENT: TYPE, LOCATIONS AND LAPS PER THE MANUFACTURER.
13. SEALANT: PER MANUFACTURER'S RECOMMENDATON; REFERENCE THIS DIVISION FOR SPECIFIC REQUIREMENTS.
d. MANUFACTURER: FIRESTONE, CLASSIC METAL ROOFING SYSTEMS, ENGLERT, INC.; OR APPROVED EQUAL
e. THE INSTALLIING CONTRACTOR IS TO BE MANUFACTURER CERTIFIED AND HAVE NO LESS THAN TEN YEARS OF DOCUMENTED EXPERIENCE WITH THE TYPE OF SYSTEM SPECIFIED AND SIMILAR IN SIZE AND SCOPE TO THIS PROJECT.
f. ALL PRODUCTS TO BE FROM SINGLE SOURCE.
g. ASSEMBLY WARRANTY: MATERIALS AND WORKMANSHIP FOR FIVE YEARS FOLLOWING DATE OF SUBSTANTIAL COMPLETION.
h. FINISH WARRANTY: REPAIR OR REPLACE ITEMS THAT EXHIBIT DETERIORATION OF FACTORY APPLIED FINISHES FOR 25 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
i. WEATHERTIGHTNESS WARRANTY: REPAIR OR REPLACE ASSEMBLIES THAT FAIL TO REMAIN WEATHERTIGHT, INCLUDING LEAKS, FOR 20 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
j. WHERE DISSIMILAR METALS WILL CONTACT EACH OTHER OR CORROSIVE SUBSTRATES, PROTECT AGAINST GALVANIC ACTION BY PAINTING THE CONTACT SURFACE WITH BITUMINOUS COATING, BY APPLYING RUBBERIZED ASPHALT UNDERLAYMENT OR BY OTHER PERMANENT SEPARATION AS RECOMMENDED BY THE MANUFACTURER.
k. PAINT TOUCH-UP CUTS AS RECOMMENDED BY THE MANUFACTURER.
l. INSTALLATION TOLERANCE: 1/4 INCH IN 20 FEET ON SLOPE AND LOCATION LINES; 1/8 INCH OFFSET OF ADJOINING FACES AND ALIGNMENT OF MATCHING PROFILES.
m. GROUND AND BOND THE SYSTEM IN ACCORDANCE WITH NFPA 70, LATEST EDITION.

## DIVISION 8 - DOORS AND WINDOWS

0801. ~~DOORS AND FRAMES REQUIRED~~ TO HAVE FIRE RATINGS SHALL BE ~~MANUFACTURED AND INSTALLED~~ IN ACCORDANCE WITH CHAPTER 7 OBC. ~~FURNISH UNDERWRITER'S LABELED~~ FIRE RESISTANT DOORS AND FRAMES ~~WHERE INDICATED IN THE~~ DOOR SCHEDULE ON THE DRAWINGS.

0802. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

0803. HOLLOW METAL STEEL DOORS AND HOLLOW METAL STEEL DOOR AND BORROWED LITE FRAMES.
a. PROVIDE FLUSH STEEL DOORS IN DIMENSIONS AND TYPES AS SHOWN ON THE DRAWINGS, WITH OR WITHOUT INTEGRAL BORROWED LITES AS INDICATED ON THE DOOR SCHEDULE IN THE DRAWINGS. FURNISH 20 GAUGE FOR INTERIOR DOORS AND 18 GAUGE, GALVANIZED, FOR EXTERIOR DOORS, OR GAUGE AS REQUIRED FOR THE FIRE RESISTANCE RATING REQUIREMENTS, PROPERLY REINFORCED FOR THE FINISHED HARDWARE SELECTED. FACTORY PRIME DOORS FOR FIELD APPLIED FINISHES. APPLIED FINISHES.
1. SECURE TEMPLATES FROM THE FINISH HARDWARE SUPPLIER, AND ACCURATELY INSTALL, OR MAKE
b. HOLLOW METAL DOOR FRAMES AND BORROWED LITE FRAMES SHALL BE FORMED FROM MINIMUM 18 GAUGE COLD ROLLED STEEL FOR INTERIOR APPLICATIONS AND FROM 16 GA GALVANIZED COLD ROLLED STEEL FOR EXTERIOR APPLICATIONS. 2" FACES U.N.O. IN SHAPES AS INDICATED ON DRAWINGS. ALL DOOR FRAMES TO BE RATED FOR HEAVY DUTY USE.
c. INSTALL STEEL DOORS AND FRAMES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND FINAL SHOP DRAWINGS.
d. ANCHOR COMPONENT PARTS SECURELY IN PLACE BY BOLTING, OR OTHER PERMANENT MECHANICAL ATTACHMENT SYSTEM, WHICH WILL COMPLY WITH PERFORMANCE REQUIREMENTS. USE CONCEALED FASTENERS WHEREVER POSSIBLE.
e. USE WELDED FRAMES AT ALL NEW CONSTRUCTION, KNOCK DOWN FRAMES WHERE REPLACING EXISTING DOORS IN EXISTING OPENINGS.
e. MANUFACTURER: STEELCRAFT MANUFACTURING CO. AND REPUBLIC DOOR CORP.

0804. NOT USED.

0805. WOOD DOORS.
a. PROVIDE SOLID CORE WOOD, FLUSH, DOORS IN DIMENSIONS AND TYPES, WITH OR WITHOUT INTEGRAL BORROWED LITES, AS SHOWN ON THE DRAWINGS AND INDICATED ON THE DOOR SCHEDULE.
1. SECURE TEMPLATES FROM THE FINISH HARDWARE SUPPLIER, AND ACCURATELY INSTALL, OR MAKE PROVISIONS FOR, ALL FINISH HARDWARE AT THE FACTORY.
2. PROPERLY REINFORCED DOORS AND FRAMES FOR THE FINISHED HARDWARE SELECTED.
b. MEET OR EXCEED AWI QUALITY STANDARDS FOR ARCHITECTURAL WOOD DOOR REQUIREMENTS AND AS SPECIFIED.
c. DOOR FACES AND VERTICAL EDGES TO BE PREMIUM GRADE, ROTARY CUT RED OAK. NO FINGER JTS AT EDGES.
d. STAIN TO BE SELECTED. FACTORY FINISH.
e. FRAMES TO BE STEEL WITH 2" FACES. SEE DOOR SCHEDULE AND DETAILS.
1. ANCHOR COMPONENT PARTS SECURELY IN PLACE BY BOLTING, OR OTHER PERMANENT MECHANICAL ATTACHMENT SYSTEM, WHICH WILL COMPLY WITH PERFORMANCE REQUIREMENTS. USE CONCEALED FASTENERS WHEREVER POSSIBLE.
f. MANUFACTURER: ALGOMA HARDWOODS, AMPCO, INC, EGGERS INDUSTRIES OR APPROVED EQUAL.

0806. PROVIDE FINISH HARDWARE AS INDICATED ON THE DRAWINGS, AND IN COMPLIANCE WITH CHAPTERS 10 AND 11 OF THE OHIO BUILDING CODE, THE DOOR AND HARDWARE INSTITUTE, UNDERWRITERS LABORATORIES, NFPA 70, NFPA 101, BHMA 1301 AND ICC A117.1.
a. MATERIAL
1. HINGE: COMPLY WITH ANSI A156.1, GRADE 1, ANSI A2111 AND ANSI A51111; 4-1/2 INCH X 4-1/2 INCH; FULL MORTISE; FIVE KNUCKLE BALL-BEARING; WITH REMOVABLE AND NON-REMOVABLE PIN.
2. EXIT DEVICE: COMPLY WITH ANSI A156.3, GRADE 1; NARROW STILE DESIGN; LATCHING AS NOTED; NO LATCH DOGGING.
3. AUTOMATIC DOOR OPERATOR: COMPLY WITH ANSI A156.19
4. CLOSER: COMPLY WITH ANSI A156.4, GRADE 1; UNIVERSAL HANDING; REGULAR, TOP JAMB AND PARALLEL ARM MOUNTING; STEEL RACK AND PINION CONSTRUCTION; PRESSURE CAST STEEL OR ALUMINUM CASE; VACUUM AND PRESSURE IMPREGNATED WITH RESIN TO REDUCE THE POSSIBILITY OF MICRO-POROSITY; FURNISHED WITH A REVERSIBLE POWER ADJUSTMENT ARM BRACKET FOR A 15 PERCENT LATCHING FORCE ADJUSTMENT; SPEED SHALL BE ADJUSTABLE AND IN COMPLIANCE WITH ICC A117.1; MANUFACTURER'S STANDARD POWDER COAT FINISH.
5. TRIMS: COMPLY WITH ANSI A156.6, ANSI A156.16, ANSI A156.18 AND ANSI A156.22.
6. THRESHOLDS: COMPLY WITH ANSI A156.21 AND ICC A117.1
7. FRAME SILENCERS: INSERTED IN PRE-PUNCHED HOLES IN HOLLOW METAL DOOR FRAMES; RUBBER; THREE PER STRIKE JAMB.
b. ALL HARDWARE SHALL MEET OR EXCEED FEDERAL SPECIFICATION FF H106C AND ANSI A 156.2, GRADE 2.
c. INSTALL HARDWARE IN STRICT COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS AND ADAAG REQUIREMENTS. SET UNITS LEVEL, PLUMB AND TRUE TO LINE AND LOCATION. ADJUST AND REINFORCE ATTACHMENT SUBSTRATE AS REQD FOR PROPER INSTALLATION AND OPERATION.
d. MANUFACTURERS OR OWNER APPROVED EQUAL.
1. HINGES — HAGER, STANLEY, MCKINNEY.
2. LOCKSETS — SCHLAGE - MERANO LEVER STYLE, OR EQUAL BY SARGENT, MARKS.
3. CLOSERS — SARGET, NORTON, LCN. MEDIUM DUTY AT INTERIOR, HEAVY DUTY AT EXTERIOR DOORS.
4. TRIM AND STOPS — ROCKWOOD, HAGER, IVES.
5. THRESHOLDS — NATIONAL GUARD, HAGER, PEMKO.
6. WEATHERSTRIP — NATIONAL GUARD, HAGER, PEMKO.
7. AUTO DOOR OPNR — NORTON 5900 SERIES OR APPROVED EQUAL
8. PUSH/PULL — STYLE / TYPE AS SELECTED
8. SWEEP — NGP 9250NA OR APPROVED EQUAL.
d. SEE HARDWARE SCHEDULE FOR SPECIFIC MANUFACTURERS AND MODEL #S FOR ELECTRIFIED SECURITY HDWR AND OTHER INFO.
e. ALL HARDWARE TO HAVE 626 FINISH.
f. KEY CYLINDER: MATCH LOCKSET MANUFACTURER.
g. KEYING REQUIREMENTS:
1. COORDINATE KEYING SCHEDULE WITH THE OWNER.
2. FURNISH QUANTITY OF MASTER KEYS AS REQUIRED BY THE OWNER.
3. ALL PRODUCTS SHALL BE FROM THE SAME SOURCE.
h. INSTALLER SHALL HAVE NO LESS THAN FIVE YEARS OF DOCUMENTED EXPERIENCE WITH THE TYPE OF HARDWARE SPECIFIED AND SIMILAR IN SIZE AND SCOPE TO THIS PROJECT.

0807. GLAZING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH CHAPTER 24 OBC. SAFETY GLAZING MATERIALS SHALL BE PROVIDED WHERE SHOWN ON THE DRAWINGS. SAFETY GLAZING IN DOORS, FIXED PANELS ADJACENT TO DOORS, RAMPS, STAIRS AND SHOWER DOORS SHALL COMPLY WITH THE REQUIREMENTS FOR HUMAN IMPACT LOADS, SECTION 2406, OBC, SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS LISTED IN APPENDIX "A", OBC, THE CONSUMER COMMISSION, CPSC 16-CFR, Part 1201 and ANSI Z97.1-84.
a. ALL GLASS IN EXTERIOR DOORS AND WINDOWS IS TO BE INSULATING GLAZING.

0808. ALUMINUM DOORS AND WINDOWS
PROVIDE FACTORY FABRICATED, FACTORY FINISHED, ALUMINUM-FRAMED WINDOWS AND ENTRANCE SYSTEM AS INDICATED ON THE DRAWINGS. INCLUDES PREPARATION OF THE OPENING FOR INSTALLATION, ALUMINUM FRAMING, INSULATED GLAZING, SEALANTS, GASKETING, WEATHERSTRIPPING, SWEEP, FLASHINGS, THRESHOLD, FASTENERS, HARDWARE AND ALL OTHER ITEMS AND INCIDENTALS REQUIRED FOR AN AIRTIGHT AND WEATHERTIGHT SYSTEM.
a. SUBMITTAL SHALL INCLUDE:
1. MULLION DETAILS FOR FENESTRATION COMBINATIONS, REINFORCEMENT AND STIFFENERS;
2. SHOP DRAWING DETAILS OF JOINERY, FLASHING AND DRAINAGE, WEATHERSTRIPPING, THERMAL BREAK AND GLAZING;
3. EXPANSION PROVISIONS;
4. SEALANT;
5. PRODUCT DATA ON ALL COMPONENTS, INCLUDING FINISH HARDWARE, OF THE SYSTEM;
6. SAMPLE, MINIMUM 12 INCHES LONG, OF MAIN FRAMING MEMBER SHOWING WEATHERSTRIPPING, GLAZING BEAD AND FACTORY APPLIED FINISH; AND
7. SAMPLE, MINIMUM 12 INCHES SQUARE OF INSULATED GLAZING PANEL.

# CHESTNUT STREET RECORDS CENTER
# BUILDING AND SITE REMODELING
for the FAIRFIELD COUNTY COMMISSIONERS 138 W. Chestnut St. Lancaster, OH 43130

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| PRELIM | | 2-12-18 |
| PRELIM | | 3-15-18 |
| PREFINAL | | 4-13-18 |
| PERMIT | | 8-9-18 |

DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG
8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

GENERAL NOTES

DRAWING NUMBER
GN.2

B. STRUCTURAL PERFORMANCE:
1. REFERENCE THE STRUCTURAL DRAWINGS FOR WIND SPEED, IMPORTANCE FACTOR AND EXPOSURE CATEGORY.
2. STRUCTURAL-TEST PERFORMANCE: TESTED IN ACCORDANCE WITH ASTM E330
 a) WHEN TESTED AT POSITIVE AND NEGATIVE WIND-LOAD DESIGN PRESSURES, SYSTEM SHALL NOT EVIDENCE DEFLECTION EXCEEDING SPECIFIED LIMITS.
 b) WHEN TESTED AT 150 PERCENT OF POSITIVE AND NEGATIVE WIND-LOAD DESIGN PRESSURES, SYSTEM, INCLUDING ANCHORAGE, SHALL NOT EVIDENCE MATERIAL FAILURES, STRUCTURAL DISTRESS AND PERMANENT DEFORMATION OF MAIN FRAMING MEMBERS EXCEEDING 0.2 PERCENT OF SPAN.
3. DEFLECTION NORMAL TO WALL PLANE: LIMITED TO 1/175 OF CLEAR SPAN FOR SPANS UP TO 13 FEET 6 INCHES AND TO 1/240 OF CLEAR SPAN PLUS 1/4 INCH FOR SPANS GREATER THAN 13 FEET 6 INCHES OR AN AMOUNT THAT RESTRICTS EDGE DEFLECTION OF INDIVIDUAL GLAZING LITES TO 3/4 INCH, WHICHEVER IS LESS.
4. DEFLECTION PARALLEL TO GLAZING PLANE: LIMITED TO L/360 OF CLEAR SPAN OR 1/8 INCH, WHICHEVER IS SMALLER.
5. WINDBORNE DEBRIS RESISTANCE: DESIGN SYSTEM THAT PASSES LARGE MISSILE-IMPACT AND CYCLIC-PRESSURE TESTS BASED ON THE PASS/FAIL CRITERIA DETERMINED FROM TESTING IN ACCORDANCE WITH ASTM E1886 AND ASTM E1996.
6. THERMAL MOVEMENT: DESIGN SYSTEM TO ALLOW THERMAL MOVEMENT FROM AMBIENT AND SURFACE TEMPERATURE CHANGES AND BASED ON SURFACE TEMPERATURE OF MATERIALS DUE TO SOLAR HEAT GAIN AND NIGHTTIME SKY HEAT LOSS; NO BUCKLING, STRESS ON GLASS, SEALANT FAILURE, EXCESS STRESS ON FRAMING, ANCHORS AND FASTENERS OR REDUCTION OF PERFORMANCE WHEN TESTED IN ACCORDANCE WITH AAMA 501.5.
 a) TEMPERATURE CHANGE: 120 DEGREES F, AMBIENT; 180 DEGREES F, MATERIAL SURFACES.
 b) INTERIOR AMBIENT-AIR TEMPERATURE: 75 DEGREES F.
7. AIR INFILTRATION: MAXIMUM AIR LEAKAGE THROUGH FIXED GLAZING AND FRAMING AREAS OF 0.06 CFM/SQ.FT. OF FIXED WALL AREA WHEN TESTED IN ACCORDANCE WITH ASTM E283 AT A MINIMUM STATIC-AIR-PRESSURE DIFFERENCE OF 1.57 LBF/SQ.FT.
8. WATER PENETRATION UNDER STATIC PRESSURE: SHALL NOT EVIDENCE WATER PENETRATION THROUGH FIXED GLAZING AND FRAMING AREAS WHEN TESTED IN ACCORDANCE WITH ASTM E331 AT A MINIMUM STATIC-AIR-PRESSURE DIFFERENCE OF 20 PERCENT OF POSITIVE WIND-LOAD DESIGN PRESSURE, BUT NOT LESS THAN 6.24 LBF/SQ.FT.
9. WATER PENETRATION UNDER DYNAMIC PRESSURE: SHALL NOT EVIDENCE WATER LEAKAGE THROUGH FIXED GLAZING AND FRAMING AREAS WHEN TESTED ACCORDING TO AAMA 501.1 UNDER DYNAMIC PRESSURE EQUAL TO 20 PERCENT OF POSITIVE WIND-LOAD DESIGN PRESSURE, BUT NOT LESS THAN 6.24 LBF/SQ.FT.
10. CONDENSATION RESISTANCE FACTOR: NOT LESS THAN 45 WHEN TESTED IN ACCORDANCE WITH AAMA 1503.
11. THERMAL CONDUCTANCE: AVERAGE U-FACTOR OF NOT MORE THAN 0.63 BTU/SQ.FT. x H x DEG F WHEN TESTED IN ACCORDANCE WITH AAMA 1503.
12. SOUND TRANSMISSION: STC MINIMUM 26 WHEN TESTED FOR LOSS IN ACCORDANCE WITH ASTM E90 AND DETERMINED BY ASTM E413; OITC MINIMUM 26 WHEN TESTED FOR LOSS IN ACCORDANCE WITH ASTM E90 AND DETERMINED BY ASTM E1332.
13. STRUCTURAL SEALANT: CAPABLE OF WITHSTANDING TENSILE AND SHEAR STRESSES IMPOSED BY ALUMINUM-FRAMED SYSTEM WITHOUT FAILING ADHESIVELY OR COHESIVELY; JOINTS DESIGNED TO PRODUCE TENSILE OR SHEAR STRESS OF LESS THAN 20 PSI.

c. MATERIAL:
1. ALUMINUM EXTRUSIONS: ALLOY 6063 T5 TEMPER OR AS RECOMMENDED BY THE SYSTEM MANUFACTURER FOR STRENGTH AND DESIGN SPECIFICATIONS; WITH CORROSION RESISTANT FINISH; WITH THERMAL BREAK; MINIMUM STRUCTURAL WALL THICKNESS OF 0.125 INCHES; SIZE 2 INCHES BY 4-1/2 INCHES; COMPLY WITH ASTM B221 AND AAMA.
2. GLAZING: TEMPERED; INSULATED; TINTING AS SELECTED BY THE ARCHITECT FROM MANUFACTURER'S STANDARD; WITH MANUFACTURER'S STANDARD REPLACEABLE INTERIOR GLAZING GASKETS OF THE PROFILE AND HARDNESS REQUIRED TO MAINTAIN WATERTIGHT SEAL; WITH NONREMOVABLE GLAZING GASKETS ON EXTERIOR; WITH MANUFACTURER'S STANDARD ELASTOMERIC TYPE SPACERS AND SETTING BLOCKS; WITH MANUFACTURER'S STANDARD TFE-FLUOROCARBON OR POLYETHYLENE BOND-BREAKER TAPE.
3. HEADER: SIZED BY THE MANUFACTURER; MINIMUM 0.125 INCH WALL THICKNESS; DESIGNED TO SUPPORT DOOR OPERATORS AND GLAZING AS SPECIFIED WITHOUT INTERMEDIATE SUPPORTS.
4. ALUMINUM ENTRANCE DOOR SYSTEM
 a) MANUAL AND AUTOMATIC OPERATOR SWING OPERATIONS.
 b) CONSTRUCTION: MINIMUM 0.125 INCH WALL THICKNESS STRUCTURAL EXTRUDED ALUMINUM TUBULAR RAIL AND STILE MEMBERS; CORNERS MECHANICALLY FASTENED WITH REINFORCING BRACKETS THAT ARE DEEPLY PENETRATED AND FILLET WELDED OR THAT INCORPORATE CONCEALED TIE RODS; WITH REINFORCEMENT AS REQUIRED TO SUPPORT LOADS IMPOSED BY DOOR OPERATION AND HARDWARE.
 c) DESIGN: MEDIUM STILE.
5. ALUMINUM ENTRANCE DOOR HARDWARE (REFER TO THE FINISH HARDWARE SPECIFICATION THIS DIVISION FOR REQUIREMENTS)
 a) HINGES: NON-REMOVABLE PIN; STAINLESS STEEL WITH STAINLESS STEEL PIN; MINIMUM 3 PER LEAF.
 b) ELECTRIFIED PANIC HARDWARE AT EXTERIOR DOORS
 c) AUTOMATIC DOOR OPERATOR AT EXTERIOR AND INTERIOR DOOR
 d) THRESHOLD: WITH THERMAL BREAK; SET IN FULL SEALANT BED.
 e) WEATHERSTRIPPING: FACTORY APPLIED; MANUFACTURER'S STANDARD REPLACEABLE COMPONENTS; COMPRESSION TYPE IN ACCORDANCE WITH ASTM D2000 (MOLDED NEOPRENE) OR ASTM D2287 (MOLDED PVC).
 f) SWEEP: CONCEALED; FACTORY APPLIED; MANUFACTURER'S STANDARD REPLACEABLE COMPONENT.
6. CONCEALED FLASHING: AS RECOMMENDED BY THE SYSTEM MANUFACTURER AS COMPATIBLE WITH MEMBERS; CORROSION-RESISTANT, NONSTAINING, NONBLEEDING.
7. FASTENERS: AS RECOMMENDED BY THE SYSTEM MANUFACTURER AS COMPATIBLE WITH MEMBERS, TRIM, HARDWARE, ANCHORS AND OTHER COMPONENTS OF THE SYSTEM; CORROSION-RESISTANT, NONSTAINING, NONBLEEDING; USE SELF-LOCKING DEVICES WHERE SUBJECT TO LOOSENING OR TURNING OUT FROM THERMAL AND STRUCTURAL MOVEMENTS, WIND LOADS OR VIBRATION; WHERE EXPOSED, COUNTERSINK PHILLIPS HEAD FINISHED TO MATCH FRAMING; COMPLY WITH AAMA.
8. ANCHORS, CLIPS AND ACCESSORIES: AS RECOMMENDED BY THE SYSTEM MANUFACTURER AND OF SUFFICIENT STRENGTH TO WITHSTAND DESIGN PRESSURE; COMPLY WITH ASTM B456.
9. REINFORCING MEMBERS: AS RECOMMENDED BY THE SYSTEM MANUFACTURER AND OF SUFFICIENT STRENGTH TO WITHSTAND DESIGN PRESSURE; AS REQUIRED TO RECEIVE FASTENER THREADS; COMPLY WITH AAMA.
10. STRUCTURAL GLAZING SEALANT: ASTM C1184; SINGLE COMPONENT, NEUTRAL CURING SILICONE FORMULATION THAT IS COMPATIBLE WITH SYSTEM COMPONENTS AND IS APPROVED BY THE STRUCTURAL SEALANT MANUFACTURER AND STOREFROM MANUFACTURER FOR USE ON ALUMINUM-FRAMED SYSTEMS.
11. WEATHERSEAL SEALANT: REFERENCE DIVISION 07 OF THE TECHNICAL SPECIFICATIONS; COLOR SELECTED FROM MANUFACTURER'S STANDARD.

d. MANUFACTURER: KAWNEER TRIFAB 451T, CENTER GLAZE
e. WARRANTY
1. ENTRANCE DOOR: 5 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
2. GLAZING: 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
3. METAL FINISH: 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
f. FINISH AS SELECTED BY THE OWNER FROM MANUFACTURER'S STANDARD.
1. IN ACCORDANCE WITH ALUMINUM ASSOCIATION STANDARD DF-45.
2. BAKED ENAMEL OR POWDER COAT: COMPLY WITH AAMA 2603; MINIMUM DRY FILM THICKNESS OF 1.5 MILS.
g. VERIFY ROUGH OPENING DIMENSIONS WITH THE MANUFACTURER.
h. ALL PRODUCTS SHALL BE FROM THE SAME SOURCE.
i. THE INSTALLING CONTRACTOR SHALL BE MANUFACTURER APPROVED AND IS TO HAVE NO LESS THAN TEN YEARS OF DOCUMENTED EXPERIENCE WITH THE TYPE OF SYSTEM SPECIFIED AND SIMILAR IN SIZE AND SCOPE TO THIS PROJECT.
j. AS PART OF PROJECT CLOSE-OUT, CONDUCT TRAINING WITH THE OWNER ON THE OPERATION AND MAINTENANCE REQUIREMENTS OF THE AUTOMATIC DOOR SYSTEM.

## DIVISION 9 - FINISHES

0901. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH WORK UNDER THIS SECTION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

0902. GYPSUM WALLBOARD SYSTEMS SHALL COMPLY WITH CHAPTERS 8 AND 25 OBC, WITH A CLASS II FINISH IN ACCORDANCE WITH SECTION 803.0 OBC.

0903. FURNISH GYPSUM WALLBOARD IN TYPES AND IN THICKNESSES AS SHOWN ON THE DRAWINGS. USE TYPE "X", "FIRE CODE", WALLBOARD WHERE FIRERATING IS CALLED FOR. PROVIDE ONLY UL LABELED GYPSUM WALLBOARD IN COMPLIANCE WITH ASTM C C 630.
a. INSTALLATION WILL COMPLY WITH GYPSUM ASSOCIATION GA 216 "RECOMMENDED SPECIFICATIONS FOR THE APPLICATION AND FINISHING OF GYPSUM BOARD" AND WALLBOARD MANUFACTURER'S WRITTEN SPECIFICATIONS.
b. CONSTRUCT CONTROL JOINTS INTO SYSTEM TO COMPLY WITH USG BULLETIN SA923 "GOOD DESIGN PRACTICE" RECOMMENDATIONS.
c. USE ONLY FASTENERS, TRIMS, JOINT TREATMENT, ADHESIVES AND ACOUSTICAL SEALANTS APPROVED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
d. MANUFACTURER: GOLD BOND OR U.S. GYPSUM.

0904. VINYL WOOD PLANK FLOORING
a. PREP EXISTING CONC SLAB AS REQD.
b. FURNISH AND INSTALL VINYL WOOD PLANK FLOORING AS SCHEDULED. PROVIDE ALL REQD EDGE STRIPS, ADHESIVE, ETC ACCESSORIES AS REQD.
c. ALL VINYL FLOORING MUST PASS THE DOC FF-1 "PILL TEST."
 1. FURNISH A COPY OF ALL TESTING DATA TO THE ARCHITECT FOR SUBMITTAL TO STATE OF OHIO BUILDING CODE OFFICIAL.
d. MFR, COLOR AND STYLE AS SELECTED BY OWNER.
e. VINYL WOOD PLANK FLOORING ALLOWANCE - $33.00 / SQ YD. THIS INCLUDES ALL FLOOR PREPARATION, ALL MATERIALS, AND ALL LABOR COSTS. CONTRACTOR TO USE THIS UNIT PRICING IN BID PREPARATION.

0905 THRU 0907. NOT USED.

0908. VINYL WALL BASE.
a. BASE SHALL COMPLY WITH FEDERAL SPECIFICATION FS SS W 40A, TYPE II.
b. FURNISH LONG LENGTH ROLLS OF 6" HIGH AND 4" HIGH, 1/8" THICK, SOLID VINYL, COVED.
 1. SEE ROOM FINISH SCHEDULE ON THE DRAWINGS.
c. MANUFACTURER: ARMSTRONG, AZROCK AND FLINTKOTE.
d. COLOR AS SELECTED.

0909. CARPET SQUARES.
a. C.EAN AND INSPECT SUBSTRATE SURFACES BEFORE INSTALLING CARPET
b. USE LEVELING COMPOUND AS RECOMMENDED BY CARPET MFR FOR FILLING CRACKS AND DEPRESSIONS TO ACHIEVE A SMOOTH, LEVEL SURFACE.
c. INSTALL CARPET SQUARES IN ACCORDANCE WITH MFRS INSTRUCTIONS AND INDUSTRY STDS.
d. APPLY ADHESIVES UNIFORMLY IN ACCORDANCE WITH MFRS INSTRUCTIONS.
e. BUTT SEAMS AND EDGES TIGHTLY TOGETHER, ELIMINATE AIR POCKETS AND ROLL TO ENSURE UNIFORM ADHESION.
f. REMOVE EXCESS ADHESIVE AT FINISHED SEAMS AND CARPET FACE PROMPTLY AS WORK PROGRESSES.
g. INSTALL ALL REQD ACCESSORIES FOLLWOING FRS INSTRUCTINS.
h. CLEAN CARPET IN ACCORDANCEW WITH MFRS INSTRUCTIONS. REMOVE SOILED SPOTS.
i. PROVIDE NON-STAINING PROTECTIVE COVERING AT TRAFFIC LANES TO PREVENT SOILING AND DAMAGE AFTER INSTALLATION. MAINTAIN PROTECTIVE COVERING UNTIL FINAL ACCEPTANCE BY OWNER
j. CARPET SQUARE UNIT ALLOWANCE - $30.00 / SQ YD. THIS INCLUDES ALL FLOOR PROP, ALL MATERIALS AND ALL LABOR COSTS.
k. CONTRACTOR TO USE THIS UNIT ALLOWANCE IN PREPARATION OF HIS BID.
l. ALL CARPET MUST PASS THE DOC FF-1 'PILL TEST' AND COMPLY WITH ASTM E648 AND ASTM E662. FURNISH COPY OF ALL TESTING DATA TO ARCHITECT FOR SUBMITTAL TO THE STATE OF OHIO BUILDING CODE OFFICIAL.
m. OWNER SHALL SELECT CARPET MFR, COLOR AND STYLE A MINIMUM OF EIGHT WEEKS PRIOR TO SCHEDULED INSTALLATION.

0910. PAINTING - GENERAL REQUIREMENTS.
a. FURNISH COATING SYSTEM MATERIALS, INCLUDING SEALERS, PRIMERS, STAINS, FILLERS, EMULSIONS, ENAMELS, SPECIAL COATINGS
 1. SURFACE PREPARATION, PRIME, INTERMEDIATE AND FINISH COATINGS FOR INTERIOR AND EXTERIOR SCHEDULED SURFACES AND ITEMS.
 2. TOUCH-UP AND FINISH PAINTING OF SHOP PRIMED STRUCTURAL STEEL, METAL FABRICATIONS AND STEEL DOORS AND FRAMES.
b. FURNISH ALL LABOR, TOOLS, PLANT EQUIPMENT, SCAFFOLDS, AND MATERIALS TO COMPLETE ALL PAINTING WORKIN ACCORDANCE WITH THE DRAWINGS AND THESE GENERAL SPECIFICATIONS.
c. NO WORK WILL BE PERMITTED UNTIL ALL CONSTRUCTION ACTIVITIES INVOLVING MOISTURE OR DUST IN ADJACENT AREAS HAVE BEEN COMPLETED, THE MOISTURE INVOLVED HAS DISSIPATED, AND ADJACENT MASSES HAVE REACHED A CONSTANT CONDITION OF HUMIDITY.
 1. PROVIDE HEAT AS REQUIRED TO MAINTAIN ROOM TEMPERATURE BETWEEN 55 AND 75 DEGREES F.
 2. PROVIDE ADEQUATE VENTILATION.
d. PERFORM PREPARATION AND CLEANING PROCEDURES IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN DIRECTIONS AND SPECIFICATIONS.
e. MIX, PREPARE AND APPLY PAINT AND FINISH TREATMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN DIRECTIONS AND SPECIFICATIONS.
f. PAINTS AND STAINS BY SHERWIN WILLIAMS COMPANY, OR EQUAL PRODUCTS BY PRATT AND LAMBERT, INC., BENJAMIN MOORE & COMPANY, DEAN AND BARRY, INC., GLIDDEN, OR A MANUFACTURER AS SELECTED BY BY OWNER.

0911. PAINTING - EXTERIOR FINISH REQUIREMENTS USING SHERWIN-WILLIAMS TYPE PAINTS AND STAINS.
a. PAINTED MASONRY, CONCRETE AND STUCCO:
 1. BLOCK FILL COAT: S-W LOXON BLOCK SURFACER
 2. FINISH COATS: S-W LOXON XP OPAQUE WATERPROOFING SYSTEM - 2 FINISH COATS OVER BLOCK FILL.
b. PAINTED FERROUS METAL FULL GLOSS ALKYD ENAMEL: 2 FINISH COATS OVER PRIMER. PRIMER IS NOT TOTAL DRY FILM SHOP-PRIMED ITEMS.
 1. PRIMER: S-W KEM KROMIK METAL PRIMER B50N2/W1.
 2. FINISH COATS: S-W INDUSTRIAL ENAMEL B54 SERIES.
c. PAINTED ZINC-COATED METAL WITH HIGH GLOSS ALKYD ENAMEL: 2 FINISH COATS OVER PRIMER.
 1. PRIMER: S-W GALVITE B50W3.
 2. FINISH COATS: S-W METALASTIC II ENAMEL B53 SERIES.

0912. PAINTING - INTERIOR FINISH REQUIREMENTS USING SHERWIN-WILLIAMS TYPE PAINTS AND STAINS.
a. SURFACES NOT TO BE PAINTED:
 1. PREFINISHED FLOOR, WALL AND CEILING COVERINGS.
 2. PREFINISHED METALS.
 3. GYPSUM WALLBOARD CEILINGS ABOVE SUSPENDED TILES UNLESS OTHERWISE NOTED.
 4. ITEMS WITH FACTORY-APPLIED FINISH, EXCEPT AS SPECIFICALLY OTHERWISE NOTED.
b. PAINTED GYPSUM WALLBOARD WITH LUSTERLESS (FLAT) LATEX FINISH: 2 FINISH COATS OVER PRIMER.
 1. PRIMER: S-W PRO-MAR 200 LATEX WALL PRIMER.
 2. FINISH COAT: S-W PRO-MAR 200 LATEX FLAT.
 3. 1 FINISH COAT OVER PRIMER AT ALL CLOSETS, EXPOSED CEILINGS
c. PAINTED GYPSUM WALLBOARD WITH "LOW" GLOSS ENAMEL FINISH: 2 FINISH COATS OVER PRIMER WITH TOTAL DRY FILM THICKNESS NOT LESS THEN 2.5 MILS.
 1. PRIMER: S-W PRO-MAR 200 LATEX WALL PRIMER.
 2. FINISH COATS: S-W PRO-MAR 200 ALKYD LOW-GLOSS ENAMEL.
 3. ALL WASHROOMS, VESTIBULES AND LOUNGE. SEE OWNER FOR ADDITIONAL AREAS.
d. PAINTED FERROUS METAL SEMIGLOSS ENAMEL FINISH: 2 FINISH COATS OVER PRIMER WITH TOTAL DRY FILM THICKNESS NOT LESS THAN 3.4 MILS.
 1. PRIMER: S-W KERN KROMIK METAL PRIMER B50N2/W1.
 2. FINISH COATS: S-W PRO-MAR 200 ALKYD SEMI-GLOSS.
e. PAINTED ZINC-COATED METAL: 2 FINISH COATS OVER PRIMER.
 1. PRIMER: S-W GALVITE B50W3.
 2. FINISH COATS: S-W PRO-MAR 200 ALKYD SEMI-GLOSS.
f. PAINTED WOOD WITH SEMIGLOSS ENAMEL FINISH: 2 FINISH COATS OVER UNDERCOAT WITH TOTAL DRY FILM THICKNESS NOT LESS THAN 3.4 MILS.
 1. UNDERCOAT: S-W PRO-MAR 200 ALKYD ENAMEL UNDERCOATER.
 2. FINISH COATS: S-W PRO-MAR 200 ALKYD SEMI-GLOSS.
g. STAIN AND VARNISH FINISH WOOD: NOT LESS THAN 2.0 MILS DRY FILM THICKNESS OF FINISH COATING.
 1. 1 COAT S-W WOOD STAIN A48.
 2. 1 COAT S-W FAST-DRI SEALER.

0913. CEMENT PLASTER CEILINGS
a. PLASTER AND ACCESSORIES MFR: US GYPSUM COL., OR EQUAL BY GOLD BOND BLDG PRODUCTS, OR THORO SYSTEMS PRODUCTS.
b. PROVIDE STANDARD PRODUCTS REOMMENDED BY THE MFR FOR THE APPLICATION INDICATED. COMPLY WITH ASTM C926.
c. PROPORTIONING AND MIXING OF MATERIALS - ASTM C926. MACHINE MIX PLASTER MATERIALS IN ACCORDANCE WITH MFR'S INSTRUCTIONS. MEASURE MATERIALS ACCURATELY AND MIX THOROUGHLY TO A UNIFORM CONSISTENCY. ADD AINTI CRACKING AND BONDING ADMIXTURES PER MFR'S RECOMMENDATIONS.
d. LATH - 1/2" CEMENT BOARD.
e. BASE COAT - NOT LEANER THAN ONE PART PORTLAND CEMENT TO TWO AND ONE-HALF. PARTS SAND WITH ANTI-CRACKING AND BONDING ADMIXTURE ADDED.
f. FINISH COAT - USG EXTERIOR FINISH STUCCO, FACTORY PREPARED WATER-RESISTANT FINISH COAT WITH ANTI-CRACKING AND BONDING ADMIXTURE ADDED.
g. CONVENTIONAL TWO-COAT SYSTEM - 1/8" FINISH COAT OVER MIN 1/2" BASE COAT OVER CEMENT BOARD. MACHINE APPLIED SPRAY FINISH. FINISH SURFACE TO BE CONTINUOUS NON-SEGMENTED CURVE TO FOLLOW CURVATURE OF ROOF.
h. MOIST CURE BOTH COATS AFTER SETING FOR MINIMUM 48 HOURS.
i. PROTECT EACH COAT FROM RAPID DRYING.
j. INTEGRAL COLOR AS SELECTED BY ARCHITECT.

### SUSPENDED LAY-IN CEILINGS

0921. PROVIDE SUSPENDED GRID AND ACOUSTICAL CEILING PANELS IN LAYOUTS AS SHOWN ON THE DRAWINGS AND AS NOTED ON THE ROOM FINISH SCHEDULE. PANELS TO BE CLASS 'A' PRODUCT, WITH 25 OR LESS FLAME SPREAD AND 50 OR LESS SMOKE DEVELOPED AS PER ASTM E84 AND ASTM E1264, 0.65 NRC RATING, STANDARD ANTI-SAG PERFORMANCE, ANTI-MOLD COATING, FACTORY APPLIED LATEX PAINT, COLOR AS SELECTED, TEN YEAR WARRANTY. SUSPENSION SYSTEM TO COMPLY WITH ASTM C635 REQUREMENTS. CEILING GRID AND SUSPENSION SYSTEM, AND LAY-IN CEILING PANELS TO BE OBTAINED FROM THE SAME MANUFACTURER FOR SINGLE SOURCE RESPONSIBILITY.

0922. EDGE MOLDINGS AND TRIM TO BE MFR'S STANDARD MOLDINGS FOR EDGES AND PENETRATIONS THAT FIT THE TYPE OF EDGE DETAIL CONSISTENT WITH THE SPECIFIED PANELS. WHERE REVEAL EDGE PANELS ARE CUT TO FIT AT PERIMETER OF ROOMS, INSTALLER SHALL PROVIDE REVEAL EDGE CUT TO MAINTAIN UNIFORM APPEARANCE WITH THE REST OF THE ROOM.

0923. LAY OUT GRIDS IN ACCORDANCE WITH THE REFLECTED CEILING PLANS AND AROUND EXISTING LIGHT FIXTURES (WHERE SCHEDULED TO REMAIN). ATTACHMENT DEVICES TO BE SIZED FOR FIVE TIMES DESIGN LOAD AS INDICATED IN ASTM C635, TABLE 1, DIRECT HUNG UNLESS OTHERWISE INDICATED. WIRE FOR HANGERS AND TIES: ASTM A641, CLASS1, ZINC COATED, SOFT TEMPER.

0924. PRIOR TO INSTALLATION, ALLOW CEILING PANELS TO REACH ROOM TEMPERATURE AND STABILIZED MOISTURE CONTENT.

0925. SHOP DRAWINGS TO INCLUDE PANEL SAMPLES ILLUSTRATING PANEL TEXTURE, SCORING (IF ANY) AND EDGE DETAIL; ALONG WITH GRID SAMPLES ILLUSTRATING COLOR, SIZE AND SHAPE.

0926. SAP-1 TO BE ARMSTRONG CIRRUS DESIGN (OR APPROVED EQUAL), ITEM NO. 551, MEDIUM TEXTURE, 24" X 48" X 7/8" PANEL, 15/16" BEVELED TEGULAR. PRELUDE SUSPTENSION SYTEM.

0927. SAP-2 TO BE USG 'SIRRUS - SECOND LOOK" DESIGN (OR APPROVED EQUAL), ITEM NO. 513, MEDIUM TEXTURE, 24" X 48" X 3/4" PANEL SCORED TO FIVE S4" X 24" APPEARANCE, 15/16" BEVELED TEGULAR. 'PRELUDE' SUSPENSION SYSTEM.

## DIVISION 10 - SPECIALTIES

1001. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH ANY PORTION OF THE WORK UNDER THIS DIVISION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

### SIGNAGE

1002. INTERIOR SIGNAGE SHALL CONFORM TO THE REQUIREMENTS OF ANSI A117.1, THE ADAAG CODE, THE OBC AND THE MANUFACTURER'S WRITTEN SPECIFICATIONS AND INSTRUCTIONS. FURNISH SIGNAGE AND MOUNTING HARDWARE, IF REQUIRED, WHERE INDICATED, IF NOT INDICATED WHERE REQUIRED, AND AS SPECIFIED.
a. INSTALL EACH TYPE OF SIGNS, INTERIOR AND EXTERIOR, IN ACCORDNACE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
b. MOUNT SIGNS IN PROPER ALIGNMENT, LEVEL AND PLUMB. SIGNS SHALL BE INSTALLED WHERE BEST SUITED TO PROVIDE A CONSISTENT APPEARANCE THROUGHOUT THE PROJECT.
c. PAINT AND TOUCH-UP ANY EXPOSED FASTENERS AND CONNECTING HARDWARE TO MATCH COLOR AND FINISH OF SURROUNDING FINISH.

1003. PROVIDE INTERIOR SIGNAGE WHERE REQUIRED, SCHEDULED, SHOWN AND SPECIFIED. SIGNS OF TYPE, SIZE AND DESIGN AS REQUIRED BY THE OBC, ADA, ANSI, AND THE OWNER.
a. TACTILE AND BRAILLE CHARACTERS, RAISED MINIMUM 1/32 INCHES. CHARACTERS SHALL BE ACCOMPANIED BY GRADE-2 BRAILLE.
b. INTEGRAL TYPE STYLES: CHARACTERS SHALL BE UPPER AND LOWER CASE, HELVETICA MEDIUM, HELVETICAL MEDIUM CONDENSED AND HELVETICA REGULAR. TRANSFER OR ADHERED CHARACTERS ARE NOT ACCEPTABLE.
c. LETTERING HEIGHT: 1" ROOM NUMBERS, 3/4" ROOM TITLE, 1/2" BRAILLE.
d. SYMBOLS (PICTOGRAMS): 4" HIGH
e. FINISH AND CONTRAST: CHARACTERS AND BACKGROUND SHALL BE EGGSHELL, MATTE OR OTHER NON-GLARE FINISH WITH CONTRASTING BACKGROUND.
f. TYPICAL SIGNS TO BE 6"x6" WITH CONTRASTING 3/8" PERIMETER BORDER AND 1/2" RADIUSED CORNERS. SIGN FACE TO BE MELAMINE NON-GLARE FINISH, COLORS AS SELECTED.
I. RESTROOM SIGNS TO BE 8"x8".
g. FURNISH ALL REQUIRED SIGNAGE FROM THE SAME MANUFACTURER.
h. PRODUCT: MOHAWK SIGN SYSTEMS, INC. SERIES 200A, OR APPROVED EQUAL BY ASI SIGN SYSTEMS, INC., GRIMCO, INC., OR SIGNATURE SIGNS, INC.
I. MOUNT SIGNS AT 60" AFF TO CENTERLINE OF SIGN. HOLD 4" CLEAR FROM DOOR FRAME TO SIGN (AT LATCH SIDE OF DOOR) OR MOUNT AT CENTERLINE OF DOOR. F.V. EACH LOCATION WITH ARCHITECT IN FIELD.

1004. PROVIDE PARKING AND TRAFFIC SIGNAGE WHERE REQUIRED, INDICATED AND SPECIFIED. SIGNS OF TYPE, SIZE AND DESIGN AS REQUIRED BY THE OBC, THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT), OSHA, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CODE OF FEDERAL REGULATIONS (CFR), INTERNATIONAL ORGANIZATION OF STANDARDIZATION (ISO), ANSI, ADA, AND THE OWNER.
a. TYPE STYLES: CHARACTERS SHALL BE UPPERCASE, WITH FONT STYLE AS REQUIRED BY ADA, ODOT AND THE SIGN MANUFACTURER.
b. CHARACTER HEIGHT: AS REQUIRED BY ADA, ODOT AND THE SIGN MANUFACTURER.
d. SYMBOLS (PICTOGRAMS): AS REQUIRED BY ADA, ODOT AND THE SIGN MANUFACTURER.
e. FINISH AND CONTRAST: WHITE BAKED ENAMEL SURFACE WITH SCREEN PRINT COPY, SYMBOLS AND BORDER.
f. SIGN MATERIAL: 0.08 INCHES THICK, ALUMINUM SHEET WITH STRENGTH AND DURABILITY OF 5005-H15. CORNERS SHALL HAVE 1 INCH RADIUS.
I. U-CHANNEL POSTS: SIGN MANUFACTURER'S STANDARD, GALVANIZED STEEL, 8 FOOT LONG, USING STANDARD MOUNTING HARDWARE OF GALVANIZED STEEL CARRIAGE BOLTS.
g. FURNISH ALL REQUIRED SIGNAGE FROM THE SAME MANUFACTURER.
h. MANUFACTURER: BEST SIGN SYSTEMS, INC., BARCO PRODUCTS, BRIMAR INDUSTRIES, INC. SAFETY OR EQUAL.

### RESTROOM STALLS AND ACCESSORIES

1005. FURNISH RESTROOM ACCESSORIES WHERE INDICATED AND SPECIFIED. WORK INCLUDES PREPARING SUBSRATE FOR MOUNTING, MOUNTING HARDWARE, ACCESSORIES AND FASTENERS.

1006. RESTROOM ACCESSORIES SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 11, OBC, ICC/ANSI A 117.1, A.D.A.A.G. AND THE MANUFACTURER'S WRITTEN SPECIFICATIONS. SEE SHEET ADA FOR ADDITIONAL INFO RE GRAB BARS AND TOILET PAPER HOLDERS.

1007. INSTALL EACH TYPE OF ACCESSORY IN ACCORDANCE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. SECURELY ANCHOR ACCESSORIES TO WALL CONSTRUCTION.
a. FURNISH, SECURELY ATTACH, 2x WOOD BLOCKING TO STRUCTURE, HIDDEN BEHIND GYPSUM WALL BOARD, FOR ALL SURFACE MOUNTED ACCESSORIES UNLESS NOTED OTHERWISE.
b. MOUNT ACCESSORIES IN PROPER ALIGNMENT, STRAIGHT, LEVEL AND PLUMB.
c. PROVIDE CONCEALED FASTENING WHEREVER POSSIBLE.
d. SHEET METAL SCREWS AND LEAD, WOOD, OR PLASTIC PLUGS ARE NOT ACCEPTABLE.

1008. FURNISH FACTORY FINISHED METAL TOILET COMPARTMENT PARTITIONS WHERE INDICATED ON THE DRAWINGS.
a. INSTALLATION OF TOILET ROOM PARTITIONS SHALL CONFORM TO THE REQUIREMENTS OF ANSI A117.1, ADAAG REQUIREMENTS OF THE OBC AND MANUFACTURER'S WRITTEN SPECIFICATIONS AND INSTRUCTIONS.
b. FURNISH MANUFACTURE'S STANDARD HEIGHT PANELS, STANDARD HEIGHT DOORS AND STANDARD PILASTERS. USE MANUFACTURER'S FURNISHED STAINLESS STEEL MOUNTING HARDWARE AND ASSEMBLY COMPONENTS.
 1. DOORS AND PANELS: 1" THICK, BAKED ENAMEL FINISH.
 2. PILASTERS: 1-1/4" THICK, BAKED ENAMEL FINISH.
c. MANUFACTURERS: GENERAL PARTITIONS, THE MILLS COMPANY, AND SANYMETAL.

1009. PREFABRICATED COLUMN COVERS
a. PRODUCT: 12" DIA, 10' TALL, TWO PIECE, LAP JOINT, PAINTABLE FIBERGLASS REINFORCED POLYESTER, STRAIGHT SHAFT COLUMN COVER, MODEL # EC-1010 BY EDON CORPORATION, OR APPROVED EQUAL BY ELITE TRIMWORKS, OR PACIFIC COLUMNS, INC.
b. SECURE SNUGLY TO BLOCKING ATTACHED TO STEEL COLUMN PER MFR'S INSTRUCTIONS.
c. APPLY POLYESTER BODY FILLER TO VERTICAL JOINT, SAND JOINT SMOOTH.
d. SCUFF ENTIRE COLUMN PER MFR'S INSTRUCTIONS, WIPE DOWN AND PAINT FAUX MARBLE PATTERN, COLOR AS SELECTED.
e. WRAP BOTTOM OF COLUMN WITH ADHERED FLAT VINYL BASE, COLOR AS SELECTED.

## DIVISION 11 - EQUIPMENT

1101. DOCK BUMPERS - HORIZONTAL, 10"x16"x4.5", FABRIC-REINFORCED, LAMINATED RUBBER DOCK BUMPER. GRAINGER # 5 W 823, OR APPROVED EQUAL.

1102. PROJECTOR MOUNT
a. UNIVERSAL PROJECTOR LAY-IN-CEILING MOUNT, WITH 24x24 REINFORCED STEEL PLATE AND CAST ALUMINUM ADJUSTABLE MOUNTING HEAD WITH FOUR ADJUSTABLE MOUNTING ARMS CAPABLE OF SUPPORTING UP TO 30# PROJECTOR.
b. 180 DEGREE PICTH AND YAW, 360 DEGREE ROATION WITH LOCK DOWN.
c. TWO CUT OUTS (AND COVERPLATES) FOR INSTALLATION OF ELECTRICAL RECEPTACLES
d. FITS INTO STANDARD 2x4 CEILING GRID.
e. PRODUCT: AMER MOUNTS (MFR), MODEL #AMRDCP 100 KIT OR APPROVED EQUAL. VERIFY PROJECTOR SIZE WITH OWNER BEFORE ORDERING.

1103. FIXED PROJECTION SCREEN
a. PRODUCT: DRAPER INC., EDGLESS 'CLARION' FIXED PROJECTION SCREEN, 16:10 FORMAT, 72.5" x 116", WITH ONE PIECE VINYL SCREEN FABRIC - TECVISION XH 900 X ALR WITH ON AXIS GAIN OF 0.9, 180 DEGREE VIEWING CONE, 4K READY, GRAY, OR APPROVED EQUAL.
b. SCREEN TO BE WRAPPED TAUT AROUND 1 1/2" ALUMINUM TUBE FRAME AND SECURED WITH SNAPS AT 6" OC ON BACKSIDE OF FRAME.
c. COORDINATE POSITIONING OF BLOCKING IN WALL AND SUPPORT HANGER REQMTS WITH MFRS MOUNTING FLANGES AND INSTALLATION INSTRUCTIONS.

## DIVISION 12 - FURNISHINGS

1201. EXAMINE SUBSTRATES, STRUCTURE AND INSTALLATION CONDITIONS. DO NOT PROCEED WITH ANY PORTION OF THE WORK UNDER THIS DIVISION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
a. INSTALLATION CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS AND RESPONSIBILITY FOR SATISFACTORY PERFORMANCE.

### CASEWORK

1202. INSTALL ALL CASEWORK PLUMB, LEVEL, TRUE, AND STRAIGHT WITH NO DISTORTIONS. SHIM AS REQUIRED USING CONCEALED SHIMS. WHERE CASEWORK ABUTS OTHER FINISHED WORK, SCRIBE AND CUT CASEWORK FOR ACCURATE FIT. INSTALL FILLER STRIPS, SCRIBE STRIPS AND MOULDINGS AS INDICATED OR REQUIRED, AND IN FINISH TO MATCH CASEWORK FACE.
a. ANCHOR CABINETS SECURELY IN PLACE WITH CONCEALED (WHEN DOORS AND DRAWERS ARE CLOSED) FASTENERS, ANCHORED INTO STRUCTURAL SUPPORT MEMBERS OF WALL CONSTRUCTION. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR SUPPORT OF UNITS.
b. COMPLETE HARDWARE INSTALLATION AND ADJUST DRAWERS AND DOORS FOR PROPER OPERATION.
c. PROTECT CABINETS FROM DAMAGE UNTIL FINAL ACCEPTANCE BY THE OWNER.

1203. CABINET HARDWARE SHALL COMPLY WITH ANSI A156.9. REQUIREMENTS. INSTALL OWNER SELECTED HARDWARE TO WALL AND BASE CABINETS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

### MANUFACTURED PLASTIC LAMINATE CABINETS

1204. FURNISH AND INSTALL ALL CABINETS SURFACED WITH LOW PRESSURE (MELAMINE) LAMINATES WHERE CONCEALED AND HIGH PRESSURE LAMINATES AT ALL EXPOSED SURFACES IN COLORS AS SELECTED FROM MFRS STD RANGE.
a. ALL CABINETS SHALL BE FACTORY ASSEMBLED AND FINISHED IN CONFORMANCE TO ANSI A 161.1 STANDARDS.
b. ALL CABINETS SHALL BEAR THE NKCA LABEL. LABELS SHALL REMAIN IN PLACE UNTIL FINAL ACCEPTANCE BY THE ARCHITECT AND OWNER.
c. CABINET SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL DIMENSIONS; AND SHALL FIELD MEASURE ALL CONDITIONS PRIOR TO SHOP FABRICATION OF ALL FINAL PRODUCTS.
d. FURNISH ALL FILLER STRIPS, ANCHORING LOCKS, HARDWARE, ETC. FOR A COMPLETE FINISHED SYSTEM.
 1. DOORS AND DRAWER FRONTS AND EDGES: FULL OVERLAY DESIGN, 3/4 INCHES THICK WITH HIGH PRESSURE LAMINATES.
 2. CASES: FRAMELESS DESIGN, 3/4 INCHES THICK WOOD CORE COVERED WITH LAMINATE.
 3. DRAWER HARDWARE SHALL BE ALL STEEL, FULL EXTENSION WITH BALL BEARING ROLLERS.
e. ~~FURNISH ALL LOCKING~~ HARDWARE AND FILE TYPE DRAWER HARDWARE ~~WHERE REQUIRED~~.
 1. VERIFY WITH LESSEE TYPE OF ~~FILE DRAWER HARDWARE~~ REQUIRED.
 2. ~~VERIFY WITH LESSEE~~ LOCATION OF LOCKABLE DOORS AND DRAWERS.
f. INSTALL ALL CABINETS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN SPECIFICATIONS AND DETAILS.
 1. USE CONTINUOUS ROW OF 2X4 WOOD BLOCKING TO SUPPORT AND ANCHOR WALL CABINETS AND TO ANCHOR BASE CABINETS.
 2. ALSO ACCEPTABLE: USE CONTINUOUS ROW OF 4" x 16 GA. GALVANIZED METAL STRAPPING TO SUPPORT AND ANCHOR WALL CABINETS AND TO ANCHOR BASE CABINETS.
g. PROVIDE AND INSTALL DRAWER AND DOOR PULLS, HANDLES AND KNOBS AS SELECTED BY THE ARCHITECT FROM MFR'S STANDARD RANGE. PROVIDE BROCHURE WITH SHOP DRAWINGS FOR SELECTION.
h. MANUFACTURER: A MANUFACTURER REGULARLY ENGAGED IN THE PRODUCTION AND FABRICATION OF SIMILAR ITEMS AND HAVING A HISTORY OF SUCCESSFUL PRODUCTION ACCEPTABLE TO THE ARCHITECT AND OWNER.

### PLASTIC LAMINATE COUNTERTOPS

1205. FURNISH NEW PLASTIC LAMINATE COUNTERTOPS TO BE ATTACHED TO TOPS OF BASE AND VANITY CABINETS WHERE INDICATED.
a. CERTIFICATION: LAMINATES SHALL HAVE THE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) "LD-3" CLASSIFICATION FOR HIGH PRESSURE DECORATIVE LAMINATES.
b. MANUFACTURERS: WILSONART INTERNATIONAL, FORMICA CORP., PANOLAM INDUSTRIES INTERNATIONAL, INC., UNITED DECORATIVE PLASTICS OR EQUAL.

1206. COUNTERTOP AND BACKSPLASH TO BE TWO PIECE.
a. PLASTIC LAMINATE: NEMA LD 3.
 1. CONCEALED BACKING SHEET TYPE BKL.
 2. DECORATIVE SURFACES:
 1) FLAT COMPONENTS: TYPE GP-HGL.
b. PARTICLEBOARD: CPA A208.1, GRADE 2-M-2.
c. PLYWOOD: PS 1, EXTERIOR TYPE, VENEER GRADE AC NOT LESS THAN 5-PLY CONSTRUCTION.
d. ADHESIVES: FS A-A-1936 FOR PLASTIC LAMINATE.
e. FASTENERS: USE STUDS, BOLTS, SPACERS, THREADED RODS WITH NUTS, OR SCREWS FOR SUITABLE FOR MATERIALS BEING JOINED WITH METAL SPLICE PLATES, CHANNELS OR OTHER SUPPORTING SHAPES.

1207. BEFORE INSTALLING COUNTERTOPS VERIFY THAT WALL SURFACES HAVE BEEN FINISHED AS SPECIFIED AND THAT MECHANICAL AND ELECTRICAL SERVICE LOCATIONS ARE AS SPECIFIED.
a. ATTACH COUNTERTOPS SECURELY TO BASE UNITS. SPLINE AND GLUE JOINTS IN COUNTERTOPS; PROVIDE CONCEALED MECHANICAL CLAMPING OF JOINT. USE WOOD OR SHEET METAL SCREWS; MINIMUM PENETRATION INTO TOP 5/8 INCH, SCREW SIZE No. 8 OR 10.
b. PROVIDE CUT-OUTS FOR PLUMBING FIXTURES AND APPLIANCES AS INDICATED. SMOOTH CUT EDGES AND COAT EXPOSED WOOD EDGES WITH WATERPROOF COATING OR ADHESIVE.
c. INSTALL PLUMBING FIXTURES, FAUCETS, AND APPLIANCES IN COUNTERTOPS WITH EPOXY COMPOUND TO FORM A WATERTIGHT SEAL UNDER SHELF RIM. USE MOUNTING HARDWARE SPECIFICALLY DESIGNED FOR PLASTIC LAMINATE COUNTERTOPS AS REQUIRED BY THE PLUMBING FIXTURE/FAUCET MANUFACTURER AND THE APPLIANCE MANUFACTURER.
d. PROTECT COUNTERTOPS FROM DAMAGE UNTIL FINAL ACCEPTANCE BY THE OWNER.

### BUILT-IN PLASTIC LAMINATE CASEWORK

1208. BEFORE COMMENCEMENT OF INSTALLATION, INSTALLER TO EXAMINE ALL SURROUNDING CONDITIONS, VERIFY ALL SURROUNDING DIMENSIONS, COORDINATE DIMENSIONS OF HIS WORK WITH DIMENSIONS OF SOFFIT FRAMING ABOVE, AND CLARIFY WITH THE ARCHITECT ANY ADJUSTMENTS THAT MAY NEED TO BE MADE BETWEEN HIS SHOP DRAWINGS, THE ORIGINAL CONSTRUCTION DOCUMENTS AND THE ACTUAL FIELD CONDITIONS.
a. CUSTOM CASEWORK IS TO BE SELF SUPPORTIVE, SECURED TO FLOOR SLAB AND ADJACENT WALL SURFACES. PROVIDE CONCEALED BLOCKING WHERE NECESSARY.
b. SHOP DRAWINGS TO INDICATE INTERNAL STRUCTURE TO ACCOMODATE ATTACHMENT OF FRAME FOR HALF-DOOR 131. SAID STRUCTURE TO BE ABLE TO WITHSTAND IMPACT OF OPENING AND CLOSING THE DOOR. PRIOR TO INSTALLATION OF THIS CASEWORK, INSTALLER TO COORDINATE WITH DOOR SUPPLIER AND DOOR INSTALLER.
c. PROVIDE TIGHTLY FIT, REMOVABLE HIGH COUNTER SECTION AS SHOWN TO PROVIDE ACCESSIBLE COUNTER SPACE PER ADAAG. FINISHED LOOK IS TO APPEAR NEARLY SEAMLESS.
d. SEE SPEC ARTICLES 1201 THRU 1207 FOR ADDITIONAL APPLICABLE INSTRUCTIONS.

## DIVISION 31 - EARTHWORK

3101. CONFORM TO THE APPLICABLE REQUIREMENTS OF THE OBC, OHIO EPA REGULATIONS AND OSHA REGULATIONS FOR THE SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, AND DISPOSAL OF ALL WASTE MATERIALS PROCEDURES.

3102. THE CONTRACTOR SHALL PREPARE THE SITE FOR CONSTRUCTION. REVIEW THE "ALTA" SURVEY TO BECOME FAMILIAR WITH EXISTING UNDERGROUND STRUCTURES AND EXISTING UNDERGROUND UTILITIES. COORDINATE WITH ALL UTILITY PROVIDERS TO DETERMINE EXACT LOCATIONS OF EXISTING UNDERGROUND STRUCTURES AND UTILITIES. USE EXTREME CARE WHEN EXCAVATING SO AS NOT TO DISTURB ANY EXISTING UNDERGROUND STRUCTURES AND UTILITIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE CONNECTION TO, AND THE PROTECTION OF ALL NEW AND EXISTING UNDERGROUND STRUCTURES AND UTILITIES.

3103. FIELD DETERMINE ALL DIMENSIONS WHICH AFFECT ANY NEW CONSTRUCTION PRIOR TO THE START OF ANY WORK. IMMEDIATELY NOTIFY THE ARCHITECT AND OWNER, IN WRITING, OF ANY DISCEPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS; DO NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL ALL DISCEPANCIES HAVE BEEN RESOLVED.

3104. A SOILS REPORT HAS NOT BEEN PERFORMED ON THIS SITE.
a. THE CONTRACTOR SHALL IMMEDIATELY BRING TO THE ATTENTION OF THE ARCHITECT AND OWNER ANY UNSUITABLE SOILS ENCOUNTERED DURING FOUNDATION EXCAVATION, AND SHALL CEASE WORK IN THAT AREA UNTIL AN AGREED UPON SOLUTION IS REACHED AND HE RECEIVES WRITTEN IAUTHORIZATION FROM THE ARCHITECT TO PROCEED.
b. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT AT LEAST THREE DAYS IN ADVANCE OF EXCAVATION AND CONCRETE PLACEMENT.
c. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FOUNDATION MODIFICATIONS AS RECOMMENDED BY THE ARCHITECT.

3105. PERFORM ALL SITE CLEARING REQUIRED (STRIPPING UNDERGROWTH, REMOVING TREES AND SHRUBS, REMOVING DEBRIS, ETC.) PRIOR TO COMMENCING BUILDING CONSTRUCTION.
a. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES FOR HAULING AND DISPOSING OF DEBRIS AND MATERIALS. FURNISH A TIMELY NOTICE OF SUCH ACTIONS TO THE APPLICABLE FEDERAL, STATE, AND LOCAL GOVERNING AUTHORITIES.
b. LEGALLY DISPOSE OF EXCESS SOILS AND DEBRIS, COMPLY WITH ALL APPLICABLE REGULATIONS.
 1. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY STREET CLEAN-UP, AND REPAIR OF DAMAGES TO FEDERAL, STATE, CITY OR COUNTY PROPERTY.
c. DO NOT STORE OR PERMIT TO ACCUMULATE ANY DEBRIS ON-SITE. BURNING OR BURYING OF DEBRIS OR MATERIALS ON-SITE WILL NOT BE PERMITTED.
d. ON-SITE STORING OF TOP-SOIL IS LIMITED BUT ACCEPTABLE IF NEEDED. STORE ONLY IN AREA(S), LOCATION(S) APPROVED BY THE OWNER.
e. PROTECT EXISTING TREES AND SHRUBS NOT BEING REMOVED AS DESIGNATED, AND IF NOT DESIGNATED, AS REQUIRED BY THE OWNER.

3106. PROVIDE THE NECESSARY EQUIPMENT AND LABOR FOR ALL EARTHWORK. EXCAVATING FOR BUILDING FOUNDATIONS SHALL COMPLY CHAPTER 18, OBC.

3107. EXCAVATE FOR FOUNDATIONS TO BEARING ELEVATIONS INDICATED. IF NOT INDICATED, THE BEARING ELEVATION OF ALL FOOTINGS WILL BE 32 INCHES (2'-8") BELOW FINISHED GRADE AS A MINIMUM. EXCAVATIONS FOR FOOTINGS AND UNDER SLABS TO BE CLEAN, FREE FROM ORGANIC MATTER. KEEP FOUNDATION EXCAVATIONS FREE OF WATER AT ALL TIMES. REPLACE SOFT OR WEAKENED SOIL WITH LEAN CONCRETE (CLASS IV) AS SPECIFIED IN DIVISION 03. REMOVE DEBRIS FROM EXCAVATIONS BEFORE PLACEMENT OF CONCRETE AND BEFORE BACK-FILLING.

3108. THE CONTRACTOR MAY ADJUST BOTTOM OF FOOTING BEARING ELEVATIONS AS REQUIRED BY FIELD CONDITIONS. STEEL REINFORCED CONCRETE FOOTINGS MUST BEAR ON ROCK AND/OR UNDISTURBED SOILS. FURNISH STEPPED FOOTINGS AS DESIGNED, AS DICTATED BY THE SITE AND IN ACCORDANCE WITH SPECIFICATIONS AND DETAILS AS PROVIDED IN THE CRSI HANDBOOK, LATEST EDITION.

3109. FURNISH BACKFILL AND FILL MATERIALS OF CLEAN, SATISFACTORY SOIL MATERIALS, FREE OF CLAY, DEBRIS, WASTE, FROZEN MATERIALS, VEGETABLE AND OTHER DELETERIOUS MATTER.
 1. ROCKS OR LUMPS LARGER THAN 3 INCHES IN ANY DIMENSION WILL NOT BE PERMITTED.

3110. BACKFILL AND FILL SHALL BE PERFORMED IN SUCH METHOD AS TO PRODUCE NO SETTLEMENT. BACKFILL AND FILL SHALL BE PLACED IN LIFTS OF 8 INCHES MAXIMUM LOOSE DEPTH. EACH LIFT SHALL BE COMPACTED WITH A POWER VIBRATING COMPACTOR OR SIMILAR EQUIPMENT TO ENSURE MAXIMUM COMPACTION OF THE MATERIAL.
 1. COMPACTION SHALL NOT BE LESS THAN ONE HUNDRED PERCENT (100%) OF MAXIMUM DENSITY FOR COHESIVE OR COHESIONLESS MATERIAL, IN ACCORDANCE WITH ASTM D698 REQUIREMENTS.
 2. PUDDLING AND JETTING OF FILL AND BACKFILL MATERIAL WILL NOT BE PERMITTED.

3111. WHERE LOOSE FILL MATERIALS ARE ENCOUNTERED, THE LOOSE MATERIALS SHALL BE OVER-EXCAVATED DOWN TO SUITABLE SOILS. THE OVER-EXCAVATED AREA SHALL THEN BE FILLED WITH SATISFACTORY SOIL MATERIALS WHICH WILL PRODUCE THE RESULTS OF COMPACTION AND LOAD CARRYING CAPACITY REQUIRED. THE FILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 3110.

3112. FURNISH ALL NECESSARY TRENCHING, EXCAVATING, BACKFILLING AND GRADING FOR UTILITY SERVICES TO THE BUILDING TO COMPLY WITH UTILITY PROVIDERS REQUIREMENTS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES. CONDUIT, PIPING, ETC., SHALL BE FURNISHED AND INSTALLED BY RESPECTIVE SUB-CONTRACTORS. SEE DIVISION 33 REQUIREMENTS.

3113. FURNISH EROSION CONTROL BARRIERS, DEVICES, EQUIPMENT, ETC. WHERE INDICATED, AND IF NOT INDICATED, INSTALL EROSION CONTROL IN ACCORDANCE WITH GOVERNING AUTHORITY.
a. INSTALL EROSION CONTROL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION SPECIFICATIONS AND DETAILS.
b. MAINTAIN EROSION CONTROL THROUGHOUT PROJECT CONSTRUCTION PERIOD.
 1) REMOVAL OF ANY EROSION CONTROL MUST BE APPROVED BY THE GOVERNING AUTHORITY.

3114. HAVE APPLIED TERMITE SOIL TREATMENT UNDER SLAB AND AROUND PERIMETER OF THE WORK WITH CHEMICALS PER U. S. DEPARTMENT OF AGRICULTURE (USDA) RECOMMENDATIONS CONTAINED IN USDA H&G BULLETIN No. 64.
a. FURNISH TO OWNER A NONCANCELABLE, WRITTEN WARRANTY, SIGNED BY THE CONTRACTOR AND APPLICATOR, CERTIFYING THE FOLLOWING:
 1. SOIL AND UNDER-SLAB TREATMENTS HAVE BEEN PERFORMED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.
 2. EFFECTIVENESS OF THE TREATMENT WILL CONTINUE FOR NOT LESS THAN FIVE (5) YEARS AFTER TREATMENT DATE.
 3. ALL EVIDENCE OF TERMITE INFESTATION WITHIN WARRANTY PERIOD SHALL BE RETREATED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS AND AT NO ADDITIONAL COST TO THE OWNER.
 4. DAMAGE TO ALL STRUCTURES CAUSED BY TERMITES WITHIN WARRANTY PERIOD WILL BE CORRECTED WITHOUT COST TO THE OWNER.

## DIVISION 32 - EXTERIOR IMPROVEMENTS

3201. WHEN AND WHERE INDICATED; FURNISH AND INSTALL NEW ASPHALT PAVING IN ACCORDANCE WITH THE OHIO DEPARTMENT OF TRANSPORTATION'S (ODOT) CURRENT EDITION OF SPECIFICATIONS AND DETAILS.
a. COORDINATE THIS WORK WITH ALL UNDERGROUND STORM WATER SYSTEM AND UTILITY WORK.
b. MATERIALS IN THICKNESSES AS DETAILED ON THE DRAWINGS:
 1. AGGREGATE BASE: ODOT 304.
 2. BITUMINOUS AGGREGATE BASE: ODOT 301.
 3. ASPHALT CONCRETE: ODOT 404.
c. RECYCLED, OFF-SITE, ASPHALT CONCRETE IS AN ACCEPTABLE ALTERNATIVE FOR THE CONTRACTOR IF APPROVED BY THE CIVIL ENGINEER AND ALL WORK IS PERFORMED IN ACCORDANCE WITH ODOT SPECIFICATIONS..
 1. RECYCLED, EXISTING ON-SITE, ASPHALT CONCRETE IS AN ACCEPTABLE ALTERNATIVE FOR THE CONTRACTOR IF APPROVED BY THE CIVIL ENGINEER AND ALL WORK IS PERFORMED IN ACCORDANCE WITH ODOT SPECIFICATIONS.
d. INSTALL AGGREGATE BASE IN COMPACTED DEPTHS AS DETAILED. COMPACT AGGREGATE BASE MATERIALS UNTIL A UNIFORMLY-SMOOTH, HARD SURFACE, CONFORMING TO THE LINES, GRADES, ELEVATIONS, AND CROSS-SECTIONS SHOWN. MOISTURE MAY BE ADDED AT JOB SITE TO AID COMPACTION.
e. REMOVE LOOSE AND FOREIGN MATERIALS FROM COMPACTED BASE IMMEDIATELY BEFORE APPLICATION OF SURFACE MATERIALS.
f. APPLY BITUMINOUS AGGREGATE BASE UNIFORMLY AND AT RATES IN GALLONS PER SQUARE YARD IN ACCORDANCE WITH ODOT SPECIFICATIONS. ALLOW TO DRY AND CURE AS REQUIRED.
 1. SPREAD MATERIAL IN A MANNER WHICH REQUIRES THE LEAST HANDLING.
g. COMPACT ASPHALT SURFACE MATERIALS IN ACCORDANCE WITH ODOT SPECIFICATIONS. PROVIDE A HARD, SMOOTH, UNYIELDING SURFACE, TRUE TO THICKNESSES AND ELEVATIONS SHOWN. ROLL UNTIL NO ROLLER MARKS ARE VISIBLE.
h. APPLY TOP COAT SEALER AS INDICATED, AND IF NOT INDICATED, IN ACCORDNACE WITH ODOT SPECIFICATIONS AND DETAILS.
l. COORDINATE WORK FOR STORM WATER STRUCTURES, GRATES AND COVERS AS INDICATED AND DETAILED.
m. COMPLY WITH THE JURISDICTION HAVING AUTHORITY.

3202. FURNISH PAINTED PARKING LOT MARKINGS AND SYMBOLS, IN RECOMMENDED/REQUIRED PAINT COLOR, IN ACCORDANCE WITH ODOT SPECIFICATIONS AND ICC / ANSI A 117.1 REGULATIONS.

3203. FURNISH STEEL REINFORCED CONCRETE WHEELSTOPS AND WALKS WHERE SHOWN AND AS DETAILED.
a. FURNISH STEEL REINFORCED CONCRETE APPROACH APRON(S) IN ACCORDANCE WITH LOCAL JURISDICTION REQUIREMENTS, AND SPECIFICATIONS, AND AS INDICATED AND DETAILED.

3204. PREPARE SITE FOR PLANTING/LANDSCAPING AREAS AND SEED AREAS IN ACCORDNACE WITH LANDSCAPE DESIGN DRAWINGS FURNISHED BY THE CONTRACTOR.
a. LANDSCAPE DESIGN SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO ANY INSTALLATION OF THIS WORK.
b. WORK INCLUDES: FINAL GRADE PREPARATION WITH CLEAN TOP SOIL; APPROXIMATELY 4 INCHES THICK OR AS INDICATED OR REQUIRED.
 1. INSTALLING AND SUPPORT (WHERE REQUIRED) ALL PLANTING MATERIALS, TREES, SHRUBS, GROUND COVER, GRASS SEED, ETC.
 2. INSTALLING MULCH OR OTHER PROTECTION FOR SEEDED AREAS.
c. SEE ARTICLE 0007 IN THESE GENERAL NOTES FOR LANDSCAPE ALLOWANCE AMOUNT TO BE INCLUDED IN CONTRACTOR'S BID. LANDSCAPE AMOUNT DOES NOT INCLUDE TOPSOIL, FINE GRADE AND SEEDING AS CALLED FOR ON THE DRAWINGS.

CHESTNUT STREET RECORDS CENTER
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COMMISSION
L-1823

| ISSUE | MARK | DATE |
|---|---|---|
| PRELIM | | 2-12-18 |
| PRELIM | | 3-15-18 |
| PREFINAL | | 4-13-18 |
| PERMIT | | 8-9-18 |

DRAWN BY: SML

STATE OF OHIO
STEPHEN M. LUCHTENBERG 8546
REGISTERED ARCHITECT

Stephen M. Luchtenberg
License No. 8546
Expiration Date: December 31, 2019

GENERAL NOTES

DRAWING NUMBER
GN.3

## STATEMENT OF SPECIAL INSPECTION REQUIREMENTS

| MATERIAL INSPECTED | SPECIFICATION SECTION | CONTINUOUS OR PERIODIC | RESPONSIBLE AGENCY OR APPROVED TESTING LAB (TO BE FILLED IN BY CM) |
|---|---|---|---|
| Soil Bearing Capacity: | 02 20 00 | Continuous | |
| Concrete | 03 30 00 | | |
| Mix Designs | | Periodic | |
| Anchor Bolt Placement | | Continuous | |
| Placement of Reinforcing | | Continuous | |
| Concrete Sampling | | Continuous | |
| Concrete placement | | Continuous | |
| Curing Techniques | | Periodic | |
| Masonry | 04 20 00 | | |
| Certificates of compliance | | Periodic | |
| Verification of f'm every 5,000 sf | | Periodic | |
| Mortar proportions | | Periodic | |
| Placement of CMU and Joints | | Periodic | |
| Reinforcing Placement | | Continuous | |
| Grouting | | Continuous | |
| Structural Steel | 05 12 00 | | |
| High Strength Bolting | | Periodic | |
| Material Verification | | Periodic | |
| Welding (Fillet) | | Periodic | |
| Inspection of steel frame | | Periodic | |

## ABBREVIATIONS

| | |
|---|---|
| AB | ANCHOR BOLT |
| AFF | ABOVE FINISH FLOOR |
| APPROX | APPROXIMATE |
| AR | ABRASION RESISTANT |
| ARCH | ARCHITECTURAL |
| B/B | BACK TO BACK |
| BM | BEAM |
| BOT/ | BOTTOM OF |
| BP | BASE PLATE |
| BRG | BEARING |
| BT | BENT |
| CAP | CAPACITY |
| CC | CLEAN COOL |
| C/C | CENTER TO CENTER |
| CHD | CHORD |
| CJ | CONSTRUCTION JOINT |
| CHKD | CHECKED |
| CLR | CLEAR |
| COL | COLUMN |
| CONC | CONCRETE |
| CONSTR | CONSTRUCTION |
| CONT | CONTINUOUS |
| CONV | CONVEYOR |
| CORR | CORRUGATED |
| CTR | CENTER |
| CY | CUBIC YARDS |
| DET | DETAIL |
| DIA | DIAMETER |
| DIM | DIMENSION |
| DWGS | DRAWINGS |
| (E) | EXISTING |
| EDGE/ | EDGE OF |
| EE | EACH END |
| EF | EACH FACE |
| ES | EACH SIDE |
| EW | EACH WAY |
| EA | EACH |
| EJ | EXPANSION JOINT |
| EL | ELEVATION |
| ELEVD | ELEVATED |
| EQ | EQUAL |
| EXIST | EXISTING |
| EXT | EXTERIOR |
| f'c | 28 DAY CONCRETE STRENGTH |
| FS | FAR SIDE |
| FAB | FABRICATE |
| FDN | FOUNDATION |
| FIN | FINISH |
| FLG | FLANGE |
| FLR | FLOOR |
| FTG | FOOTING |
| Fy | YIELD STRENGTH |
| GA | GAGE |
| GALV | GALVANIZED |
| GEN | GENERAL |
| GRD | GRADE |
| GRTG | GRATING |
| HB | HEADER BEAM |
| HD | HEAVY DUTY |
| HEX | HEXAGON |
| HORIZ | HORIZONTAL |
| HR | HANDRAIL |
| HS | HIGH STRENGTH |
| ID | INSIDE DIAMETER |
| IDIM | INSIDE DIMENSION |
| IF | INSIDE FACE |
| INT | INTERIOR |
| JT | JOINT |
| K | KIP (1000lbs.) |
| KSF | KIP PER SQ. FT. |
| L | ANGLE |
| LB | POUND |
| LDG | LANDING |
| LG | LENGTH |

| | |
|---|---|
| LLBB | LONG LEGS BACK TO BACK |
| LLH | LONG LEG HORIZ. |
| LLV | LONG LEG VERT. |
| LOC | LOCATION |
| LONG | LONGITUDINAL |
| MATL | MATERIAL |
| MAX | MAXIMUM |
| MIL | MILLIMETER |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| MO | MASONRY OPENING |
| MK | MARK |
| MS | MILD STEEL |
| (N) | NEW |
| NO | NUMBER |
| NS | NEAR SIDE |
| # | NUMBER |
| NTS | NOT TO SCALE |
| O/C | ON CENTER |
| OD | OUTSIDE DIAMETER |
| OF | OUTSIDE FORCE |
| OPG | OPENING |
| OPP | OPPOSITE |
| PATR | PARTIAL |
| PC | PIECE |
| PED | PEDESTAL |
| PEMB | PRE-ENGINEERED METAL BUILDINGS |
| PERP | PERPENDICULAR |
| PLAT | PLATFORM |
| PROJ | PROJECTION |
| PSF | LBS./SQ.FT. |
| PSI | LBS./SQ.FT. |
| QTY | QUANTITY |
| RAD | RADIUS |
| RC | RAW COAL |
| REINF | REINFORCING |
| REQD | REQUIRED |
| REV | REVISION |
| SCH | SCHEDULE |
| SECT | SECTION |
| SF | SQUARE FEET |
| SHT | SHEET |
| SLBB | SHORT LEGS BACK TO BACK |
| SPA | SPACES, SPACING |
| SPEC | SPECIFICATIONS |
| SQ | SQ |
| SQFT | SQUARE FEET |
| SS | STAINLESS STEEL |
| STD | STANDARD |
| STIFF | STIFFENER |
| STL | STEEL |
| STOR | STORAGE |
| STR | STRUCTURAL |
| SYMM | SYMMETRY |
| T/ | TOP OF |
| THK | THICKNESS |
| TRANS | TRANSVERSE |
| TSF | TONS/SQ.FT. |
| TYP | TYPICAL |
| UN | UNLESS NOTED |
| VERT | VERTICAL |
| VIF | VERIFY IN FIELD |
| W/ | WITH |
| W/O | WITHOUT |
| WP | WORKPOINT |
| WWF | WELDED WIRE FABRIC |
| @ | AT |
| ℄ | CENTERLINE |
| ø | DIAMETER |
| # | NUMBER, POUND |
| PL | PLATE |
| ⊕ | WORKPOINT |
| ° | DEGREE |

## LAP SPLICE SCHEDULE FOR CONCRETE REINFORCING

### 3,000 psi CONCRETE UNCOATED REINFORCING BARS

| BAR SIZE | 3/4" CLR. | 1" CLR. AND GREATER |
|---|---|---|
| #4 | 37" | 37" |
| | 28" | 28" |
| #5 | 46" | 46" |
| | 36" | 36" |
| #6 | 56" | 56" |
| | 43" | 43" |
| #7 | 90" | 81" |
| | 69" | 62" |
| #8 | 111" | 93" |
| | 85" | 71" |
| #9 | 134" | 104" |
| | 103" | 80" |
| #10 | 162" | 118" |
| | 124" | 90" |
| #11 | 190" | 131" |
| | 146" | 100" |

1. | TOP BARS | OTHER BARS | — TOP BARS DEFINED AS HORIZONTAL WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR.
2. BAR SPACING TO BE A MINIMUM OF THREE DIAMETERS UNLESS NOTED OR SCHEDULED OTHERWISE.
3. APPLICABLE ONLY FOR 60ksi STEEL AND NORMAL WEIGHT CONCRETE.
4. IN LIEU OF LAP SPLICING, BARS MAY BE SPLICED BY MECHANICAL MEANS WHICH DEVELOP 125% OF THE BAR'S SPECIFIED YIELD STRENGTH.

## REINFORCING CLEARANCES/COVER (#3 – #11 BARS)

| EXPOSURE CONDITION | MIN. COVER U.N.O. | TOLERANCE |
|---|---|---|
| CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH | 3" | -3/8", + 1" |
| EXPOSED TO EARTH OR WEATHER: #5 AND SMALLER BARS / #6 AND LARGER BARS | 1 1/2" / 2" | -1/4", +1/2" / -1/4", +1/2" |
| NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: SLABS, WALLS, / BEAMS, COLUMNS, PIERS – TO TIES & STIRRUPS | 3/4" / 1 1/2" | -1/4", +3/8" / -1/4", +1/2" |

"–" INDICATES TOLERANCE DECREASE TOWARDS MEMBER FACE.
"+" INDICATES AWAY FROM MEMBER FACE

## LAP SPLICE SCHEDULE FOR MASONRY REINFORCING

| MARK | 6" CMU | 8" CMU | 10" CMU | 12" CMU |
|---|---|---|---|---|
| #4 | 24" | 24" | 24" | 24" |
| #5 | 31" | 30" | 30" | 30" |
| #6 | 60" | 43" | 39" | 39" |
| #7 | – | 59" | 46" | 46" |
| #8 | – | *91" | *70" | 60" |
| #9 | – | – | *90" | *73" |

1. * INDICATES LAP LENGTH GREATER THAN MAXIMUM ALLOWABLE HEIGHT OF 5'-0" FOR LOW-LIFT GROUTING.
2. APPLICABLE ONLY TO BARS CENTERED IN GROUT CORE.
3. APPLICABLE ONLY FOR 60 KSI STEEL AND ASTM C90 BLOCK.

## GENERAL STRUCTURAL NOTES

### GENERAL

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE PROJECT.
2. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
3. MECHANICAL EQUIPMENT LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL OBTAIN APPROVAL OF MECHANICAL AND OTHER TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN MECHANICAL REQUIREMENTS TO BE BORNE BY MECHANICAL CONTRACTOR.
4. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATIONS OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
5. GOVERNING CODE: 2017 OHIO BUILDING CODE
6. DESIGN LOADS:

FLOOR LIVE LOADS:
- SLAB ON GRADE (EXCEPT MECH) — 100 PSF

ROOF LIVE LOADS: — 20 PSF

ROOF SNOW LOADS:
- GROUND SNOW LOAD (Pg) — 20 PSF
- ROOF SNOW LOAD — 20 PSF + DRIFT
- SNOW EXPOSURE FACTOR (Ce) — 1.0
- SNOW LOAD IMPORTANCE FACTOr (Is) — 1.0
- THERMAL FACTOR (Ct) — 1.0

WIND LOADS: (IN ACCORDANCE WITH 1609)
- BASIC WIND SPEED — 90 MPH
- WIND IMPORTANCE FACTOR (Iw) — 1.0
- EXPOSURE CATEGORY — EXPOSURE B
- INTERNAL PRESSURE COEFFICIENT — +/- 0.18
- COMPONENTS & CLADDING — SEE TABLE THIS SHEET

SEISMIC DESIGN DATA:
- SEISMIC DESIGN CATEGORY — B
- SEISMIC IMPORTANCE FACTOR (Ie) — 1.0
- OCCUPANCY CATEGORY — II
- Ss — 0.136
- S1 — 0.057
- SITE CLASS — D
- Sds — 0.187
- Sd1 — 0.091

SEISMIC FORCE RESISTING SYSTEM
- MAIN BUILDING: LIGHT FRAME WALLS W/ SHEAR PANELS OF WOOD STRUCTURAL PANELS AND PANELS OF OTHER MATERIALS (ALL DEMISING WALLS, CORRIDOR WALLS, AND WALLS NOTED) AND ORDINARY REINFORCED MASONRY SHEAR WALLS.
- DESIGN BASE SHEAR — 3 KIPS
- SEISMIC RESPONSE COEFFICIENT (Cs) — 0.01
- RESPONSE MODIFCIATION FACTOR (R) — 2.0
- ANALYSIS PROCEDURE: — EQUIVALENT LATERAL FORCE

### REINFORCED CONCRETE

1. MATERIALS:
   - A. SPECIFICATIONS: IN GENERAL, COMPLY WITH ACI-301-99, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
   - B. STRUCTURAL CONCRETE:

| CLASS | LOCATION | f'c psi |
|---|---|---|
| I | FOOTINGS | 3,000 |
| II | INTERIOR SLABS ON GRADE, AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED | 3,500 |
| III | EXTERIOR SLABS ON GRADE, SITE CONCRETE, GARAGE SLABS, AND ALL OTHER CONCRETE EXPOSED TO WEATHER NOT OTHERWISE IDENTIFIED. | 4,000 (W/AIR) |
| IV | BACKFILL BELOW FOOTINGS | 1,500 |

   - C. ALL DEFORMED REINFORCING BARS: FY = 60,000 PSI.
2. FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15 IN THE FIELD OFFICE AT ALL TIMES.
3. CONTINGENCIES:
   - A. PROVIDE 1/2 TON OF REINFORCING BARS TO BE USED AS DIRECTED BY THE ARCHITECT/ENGINEER. COLD BEND IN THE FIELD, IF REQUIRED.
   - B. PROVIDE LEAN CONCRETE (CLASS IV) UNDER FOUNDATIONS FOR ACCIDENTAL OVER EXCAVATION, SOFT SPOTS, AND TRENCHES.
4. FOOTINGS, PIERS, WALLS:
   - A. DOWELS IN FOOTINGS TO MATCH VERTICAL PIER OR WALL REINFORCING.
   - B. PROVIDE CORNER BARS AT WALL AND FOOTING CORNERS TO MATCH HORIZONTAL REINFORCING. MINIMUM LENGTH OF EACH LEG – 36 BAR DIAMETERS.
   - C. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL BOTH ADJACENT FLOOR SLABS ARE IN PLACE.
5. SPLICES:
   - A. SPLICES FOR VERTICAL STEEL IN WALLS OR PIERS – LAP 30 DIAMETERS, UNLESS NOTED OTHERWISE.
   - B. MINIMUM LAP FOR FOOTING, SLAB, AND HORIZONTAL WALL REINFORCING = 36 DIAMETERS.
6. WEDGE ANCHORS AND CHEMICAL ANCHORS
   - A. MINIMUM EMBEDMENT SHALL BE 6 BOLT DIAMETERS, EXCEPT AS NOTED OTHERWISE.

### STRUCTURAL STEEL

1. MATERIALS:
   - A. STRUCTURAL STEEL WIDE FLANGE SHAPES: ASTM A 572 OR A992, FY = 50 KSI; STRUCTURAL STEEL CHANNELS, PLATES, ANGLES, ETC.: ASTM A36, FY = 36 KSI; HIGH STRENGTH BOLTS: ASTM A325 OR A490; ANCHOR BOLTS: ASTM A36 OR ASTM A307; ELECTRODES: SERIES E70; STRUCTURAL PIPES: ASTM A53, TYPE E OR S, GRADE B, FY = 35 KSI; STRUCTURAL TUBING: ASTM A500, GRADE B, FY = 46 KSI;
2. SPECIFICATIONS: WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D1.1. UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION TO BE GOVERNED BY THE LATEST REVISIONS OF:
   - A. AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
   - B. AISC CODE OF STANDARD PRACTICE.
   - C. STRUCTURAL WELDING CODE, AWS D1.1 OF THE AMERICAN WELDING SOCIETY.
   - D. SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
3. CONNECTIONS:
   - A. FIELD CONNECTIONS TO BE BOLTED, EXCEPT AS OTHERWISE INDICATED. SHOP CONNECTIONS TO BE WELDED OR BOLTED. CONNECTIONS TO BE DESIGNED BY THE FABRICATOR TO DEVELOP FULL STRENGTH OF MEMBER OR FORCES SHOWN ON PLANS, WHICHEVER GOVERNS. FOLLOW INSTRUCTIONS ON DRAWINGS FOR GENERAL ARRANGEMENT OR PARTICULAR DETAILS.
4. PAINT:
   - A. DO NOT PAINT STEEL OR ANCHOR BOLTS WHICH WILL BE ENCASED IN CONCRETE OR MASONRY, OR ANY STEEL WHICH WILL BE LOCATED INSIDE THE FINISHED PRODUCT CONCEALED FROM VIEW. PAINT ALL INTERIOR EXPOSED STEEL WITH ONE COAT OF FABRICATOR'S STANDARD PRIMER, UNLESS NOTED OTHERWISE. PAINT LINTELS, EXPOSED MEMBERS, AND ALL EXTERIOR STEEL WITH TWO COATS OF RED OXIDE PRIMER.
5. MISCELLANEOUS:
   - A. PROVIDE HOLES FOR OTHERS. IF OPENING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS, OBTAIN PRIOR APPROVAL.
   - B. STEEL SUPPORTING OR CONNECTING TO MECHANICAL AND OTHER EQUIPMENT AND ROOF OPENINGS AS SHOWN ON ARCHITECTURAL, MECHANICAL AND/OR ON STRUCTURAL DRAWINGS IS SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL RECONCILE EXACT SIZE AND LOCATION WITH MECHANICAL AND OTHER REQUIREMENTS BEFORE PROCEEDING WITH HIS WORK.
   - C. GROUT UNDER BEARING PLATES TO BE NON-SHRINKING TYPE. EXPOSED GROUT SHALL BE NON-METALLIC.
   - D. STEEL BELOW GRADE TO BE PROTECTED BY A MINIMUM OF 3" OF CONCRETE OR 4" OF MASONRY.
   - E. PROVIDE 1/4" THICK SETTING PLATES FOR ALL BEAMS AND BEAM LINTELS BEARING ON MASONRY OR CONCRETE WHICH DO NOT REQUIRE A BEARING PLATE.
   - F. PROVIDE HEAVY WASHER AT ALL ANCHOR BOLTS.
   - G. FINISH ENDS OF ALL COLUMNS, STIFFENERS AND ALL OTHER MEMBERS IN DIRECT BEARING.
   - H. PROVIDE BOLT HOLES FOR WOOD NAILERS AND JOISTS BOLTED TO BEAMS.
   - I. MINIMUM BEAM BEARING ON MASONRY = 8".
   - J. STEEL IN CONTACT WITH PRESSURE-TREATED LUMBER SHOULD BE PROTECTED FROM CORROSION FROM PRESERVATIVE CHEMICALS WITH A MINIMUM OF A 20 MIL VAPOR BARRIER. BOLTS AND SCREWS THROUGH PRESSURE-TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.

### MASONRY

1. MATERIALS:
   - A. CONCRETE BLOCK: ASTM C90 (HOLLOW AND SOLID)
   - B. MORTAR: TYPE S, MINIMUM COMPRESSIVE STRENGTH: 1800 PSI
   - C. BOND BEAM AND CORE FILL: ASTM C476, COARSE TYPE: 2500 PSI
   - D. JOINT REINFORCING: STANDARD DUR-O-WAL, MILL GALVANIZED FINISH

### MASONRY (CONT'D)

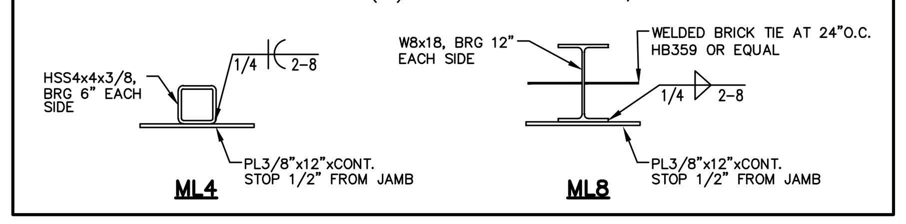
2. MISCELLANEOUS:
   - A. PROVIDE 100% SOLID BEARING, MINIMUM 3 COURSES UNDER BEAMS, 1 COURSE UNDER JOISTS, UNLESS DETAILED OTHERWISE.
   - B. FILL CORE SOLID AROUND ANCHOR BOLTS.
   - C. HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS SHALL ALSO BE BEDDED IN ALL COURSES OF PIERS, AND PILASTERS, AND IN THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS.
   - D. PROVIDE JOINT REINFORCING AT 16", EXCEPT AS NOTED.
   - E. PROVIDE APPROPRIATE MASONRY ANCHORS AT 16" O.C. MAX. TO TIE MASONRY TO ABUTTING VERTICAL STEEL AND CONCRETE SURFACES.
   - F. PROVIDE SOLID BLOCKS OR SOLIDLY FILLED HOLLOW BLOCKS AT ALL EXPANSION ANCHOR LOCATIONS.
   - G. EXPANSION ANCHORS SHALL HAVE MINIMUM EMBEDMENT OF 6 BOLT DIAMETERS, EXCEPT AS DETAILED OTHERWISE.
   - H. WHERE HOLLOW MASONRY UNITS ARE USED ABOVE HOLLOW MASONRY UNITS OF A DIFFERENT THICKNESS, PROVIDE A CONTINUOUS COURSE OF SOLID MASONRY AT LEAST 8" HIGH BELOW THE TRANSITION.
   - I. ALL SPLICES FOR VERTICAL WALL REINFORCING ARE TO BE LAPPED A MINIMUM OF 48 BAR DIAMETERS.
   - J. ALL GROUTING OF MASONRY WALLS SHALL BE BY THE LOW-LIFT GROUTING METHOD (MAXIMUM LIFT HEIGHT 4'-0"), UNLESS CLEAN-OUTS AND INSPECTION ARE PROVIDED.

### LINTEL NOTES

1. PROVIDE LINTELS OVER ALL OPENINGS IN MASONRY WALLS. NOT ALL LINTELS ARE SHOWN ON THE STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS OF OPENINGS, AND FOR STANDARD LINTELS, USE THE APPROPRIATE LINTEL FROM THE SCHEDULE IN NOTE 2 BELOW. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED.
2. FOR NON-DESIGNATED LINTELS, PROVIDE ONE ANGLE FOR EACH 4" OF WALL THICKNESS, AND USE 6" MINIMUM BEARING EACH END. FOR BEAM LINTELS, STOP BOTTOM PLATE 1/8" SHORT OF JAMBS, AND USE 8" OF JAMBS, AND USE 8" MINIMUM BEARING EACH END.

| MASONRY ROUGH OPENING | SECTION |
|---|---|
| TO 4'-0" | L 3-1/2 X 3-1/2 X 5/16 |
| 4'-1" TO 5'-6" | L 4 X 3-1/2 X 5/16 LLV |
| 5'-7" TO 6'-6" | L 5 X 3-1/2 X 5/16 LLV |
| 6'-7" TO 8'-0" | L 6 X 3-1/2 X 5/16 LLV |

3. FOR CONCRETE MASONRY BLOCK LINTELS (ML) IDENTIFIED ON THE DRAWINGS, USE THE FOLLOWING:




### STRUCTURAL LUMBER

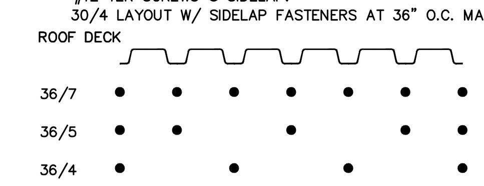
1. MATERIALS:
   - A. STRUCTURAL LUMBER: BEAMS, HEADERS, JOISTS AND RAFTERS – SPRUCE-PINE-FIR NO.1/NO.2; ALL DESIGN VALUES PER 2005 NFPA NATIONAL DESIGN SPECIFICATION. ANY SUBSTITUTIONS SHALL MEET MINIMUM DESIGN VALUES OF ABOVE MEMBERS.
   - B. MICRO=LAM (M=L) OR LAMINATED VENEER LUMBER (LVL): Fb = 2,800 PSI, Fv = 285 PSI, Fc (PERP.) = 750 PSI, E = 1,900 KSI.
   - C. DECKING AND SHEATHING: (ALL SHEATHING RATED PER APA, EXPOSURE 1): ROOFS – 15/32" O.S.B. 1/2" NOMINAL) 32/16. FLOORS – 23/32" (3/4" NOMINAL) PLYWOOD OR O.S.B WITH 48/24 RATING TONGUE AND GROOVE STURD-I-FLOOR. ALL EXTERIOR WALL SHEATHING TO BE – 7/16" O.S.B. (7/16" NOMINAL) APA RATED SHEATHING 32/16,
   - D. ALL LUMBER IN CONTACT WITH CONCRETE, MASONRY, GROUND / SOIL, AND USED IN CONDITIONS WITH MOISTURE PRESENT, IS TO BE PRESSURE-TREATED TO RESIST DECAY. PRESERVATIVES USED FOR PRESSURE TREATMENT IS TO UTILIZE ALKALINE COPPER QUAT, ACQ-C OR ACQ-D. OTHER PRESERVATIVES ARE TO BE SUBMITTED FOR REVIEW PRIOR TO ERECTION OR INSTALLATION ON THE PROJECT.
2. SPECIFICATIONS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY THE LATEST REVISIONS OF:
   - A. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
   - B. U.S. PRODUCT STANDARD PS-1 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD.
   - C. APA DESIGN/CONSTRUCTION GUIDE – RESIDENTIAL AND COMMERCIAL.
3. CONNECTIONS:
   - A. JOISTS TO BEAMS OR JOISTS TO TRUSSES – 16 GA. STD. JOIST HANGERS, UNLESS SHOWN OTHERWISE. BEAMS TO BEAMS – 16 GA. BEAM HANGERS, UNLESS SHOWN OTHERWISE.
   - B. ALL HANGERS, STRAPS, CAPS, BASES, HOLDOWNS, TIES OR OTHER CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER ARE TO BE BATCH/POST HOT DIPPED GALVANIZED PER ASTM A123 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
   - C. ALL FASTENERS INCLUDING NAILS, ANCHOR BOLTS, POWDER ACTUATED FASTENERS, SCREWS, BOLTS, AND THREADED RODS, IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316. FASTENERS AND CONNECTORS ARE TO BE OF THE SAME MATERIAL, STAINLESS STEEL OR HOT DIPPED GALVANIZED, DO NOT MIX MATERIALS.
   - D. ALL MECHANICAL ANCHORS INCLUDING WEDGE ANCHORS AND SLEEVE ANCHORS IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316 OR HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING.
   - E. SHEATHING TO JOISTS/TRUSSES: FLOORS – GLUED AND NAILED – USE 8d RING OR SCREW SHANK NAILS AT 6" ON CENTER AT PANEL EDGES AND 10" ON CENTER AT INTERMEDIATE SUPPORTS. USE ADHESIVES MEETING APA SPECIFICATIONS APG-01 AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ROOFS – USE 10d NAILS AT 6" ON CENTER AT PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS. WALLS – USE 8d NAILS AT 6" ON CENTER AT PANEL EDGES AND 12" ON CENTER AT INTERMEDIATE SUPPORTS.
   - F. TRUSS TO WALL OR RAFTERS TO WALL – STANDARD HURRICANE ANCHORS AT EACH BEARING POINT.
   - G. ALL NAILS ARE TO BE COMMON WIRE NAILS, UNLESS SPECIFICALLY NOTED OTHERWISE.
   - H. PLYWOOD TO METALS STUDS – 1 5/16" LONG X #10-16 PILOT POINT SCREWS WITH WINGS.
4. MISCELLANEOUS:
   - A. PROVIDE ONE LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 8'-0" O/C MAX. FOR ALL FLOOR JOISTS. USE SOLID BLOCKING AT ALL JOIST AND RAFTER BEARINGS. BOARD OR APA-RATED SHEATHING.
   - B. USE SINGLE JACK STUDS UNDER BEAM AND HEADER BEARINGS FOR ROUGH OPENINGS UP AND INCLUDING 4'-0", AND DOUBLE JACK STUDS UNDER BEAM AND HEADER BEARINGS FOR SPANS GREATER THAN 4'-0", UNLESS SHOWN OTHERWISE.
   - C. EACH MEMBER OF MULTIPLE MEMBER BEAMS ARE TO BE NAILED TOGETHER WITH 2 ROWS OF 10d NAILS AT 8" O.C.
   - D. PROVIDE SOLID BLOCKING AT MID-HEIGHT FOR ALL EXTERIOR STUDWALLS AND INTERIOR BEARING PARTITIONS WHICH ARE NOT SHEATHED EACH SIDE WITH GYPSUM BOARD OR APA-RATED SHEATHING.
   - E. APPLY CONTINUOUS BEAD OF GLUE ON JOISTS AND GROOVE OF TONGUE-AND-GROOVE PANELS.

### ROOF WOOD TRUSS NOTES

1. MATERIALS:
   - A. LUMBER: AS REQUIRED BY THE TRUSS MANUFACTURER. CHORDS TO BE MINIMUM GRADE SPF NO.1/NO.2 OR HEM-FIR NO. 2 KD 15 PERCENT MC.
   - B. CONNECTIONS: ALL INTERNAL TRUSS CONNECTIONS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER. CONNECTORS SHALL BE DEFORMED PLATE TYPE, OF MINIMUM 20 GAUGE GALVANIZED STEEL SHEET. ALL JOINTS ARE TO BE DESIGNED USING METHODS AS SET FORTH IN TPI STANDARDS 1976.
   - C. HANGERS: ALL TRUSS TO TRUSS HANGERS SHALL BE MINIMUM 16 GA., AND SHALL BE PROVIDED BY THE TRUSS SUPPLIER.
   - D. ALL HANGERS, STRAPS, CAPS, BASES, HOLDOWNS, TIES OR OTHER CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER ARE TO BE BATCH/POST HOT DIPPED GALVANIZED PER ASTM A123 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316.
   - E. ALL FASTENERS INCLUDING NAILS, ANCHOR BOLTS, POWDER ACTUATED FASTENERS, SCREWS, BOLTS, AND THREADED RODS, IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316. FASTENERS AND CONNECTORS ARE TO BE OF THE SAME MATERIAL, STAINLESS STEEL OR HOT DIPPED GALVANIZED, DO NOT MIX MATERIALS.
2. SPECIFICATIONS AND REFERENCE STANDARDS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION, ERECTION, HANDLING AND BRACING REQUIREMENTS ARE TO BE GOVERNED BY THE LATEST REVISIONS OF:
   - A. NATIONAL DESIGN SPECIFICATIONS FOR STRESS-GRADE LUMBER AND ITS FASTENINGS.
   - B. TIMBER CONSTRUCTION STANDARDS.
   - C. DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES.
   - D. TRUSS PLATE INSTITUTE PUBLICATION-BTW BRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS EXCEPT AS NOTED BELOW.
3. DESIGN :
   - A. ALL ROOF TRUSSES ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER FOR THE FOLLOWING LOADS:
     1. ROOF DESIGN LOADINGS:
        TOP CHORD: LIVE LOAD: 20 PSF
        DEAD LOAD: 10 PSF
        BOT CHORD: DEAD LOAD: 10 PSF
     2. ROOF DEFLECTION CRITERIA:
        L/360 TOTAL LOAD (TL)
        L/240 LIVE LOAD (LL)
   - B. WHERE TRUSSES ARE REQUIRED TO FRAME INTO OTHER TRUSSES, DESIGN OF THE HANGERS SHALL BE THE RESPONSIBILITY OF THE TRUSS SUPPLIER. THE TRUSS SUPPLIER SHALL MAKE NECESSARY PROVISIONS IN THE SUPPORTING TRUSS TO ACCEPT THE TYPE OF HANGER REQUIRED.
   - C. THE DESIGN OF ALL WEB MEMBER PERMANENT BRACE SIZES AND CONNECTIONS, REQUIRED FOR THE STRUCTURAL ADEQUACY OF THE TRUSSES, SHALL BE THE SOLE RESPONSIBILITY OF THE TRUSS SUPPLIER.
   - D. ADDITIONAL MEMBER PERMANENT BRACE SIZES AND CONNECTIONS, NOT PROVIDED BY THE SHEATHING SHOWN ON THE CONSTRUCTION DRAWINGS, SHALL ALSO BE THE RESPONSIBILITY OF THE TRUSS SUPPLIER. THIS BRACING CAN INCLUDE, BUT IS NOT LIMITED TO, TOP CHORD BRACING FOR TRUSSES WITH PIGGY-BACKS, AND INTERMEDIATE BRACES FOR GABLE TRUSS WEB MEMBERS.
4. SUBMITTALS:
   - A. TRUSS DESIGNS ARE TO BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION. TRUSS SUBMITTAL SHALL INCLUDE THE FOLLOWING INFORMATION:
     1. DESIGN AND LOADING INFORMATION FOR EACH TYPE OF TRUSS SUPPLIED.
     2. LAYOUT DRAWING INDICATING LOCATION OF EACH SPECIFIC TRUSS TYPE.
     3. TRUSS HANGER TYPE AND LOCATION, FOR ALL TRUSSES FRAMING INTO TRUSSES.
     4. PERMANENT MEMBER BRACE LOCATIONS, BRACE SIZES, AND CONNECTIONS.
     5. TRUSS DESIGNS AND LAYOUT DRAWING STAMPED BY A REGISTERED PROFESSIONAL ENGINEER, STATE OF OHIO.
   - B. SUBMITTALS WHICH DO NOT INCLUDE THE ABOVE LISTED INFORMATION WILL BE RETURNED TO THE CONTRACTOR PRIOR TO REVIEW.
5. MISCELLANEOUS: UNLESS SPECIFICALLY NOTED OTHERWISE ON THE APPROVED TRUSS SHOP DRAWINGS, ALL MEMBERS OF MULTIPLE TRUSSES ARE TO BE NAILED TOGETHER WITH 10d COMMON NAILS AT 8" O.C., FOR DOUBLE TRUSSES, OR WITH 16d COMMON NAILS AT 8" O.C. FROM EACH SIDE, FOR TRIPLE TRUSSES.

### METAL DECK

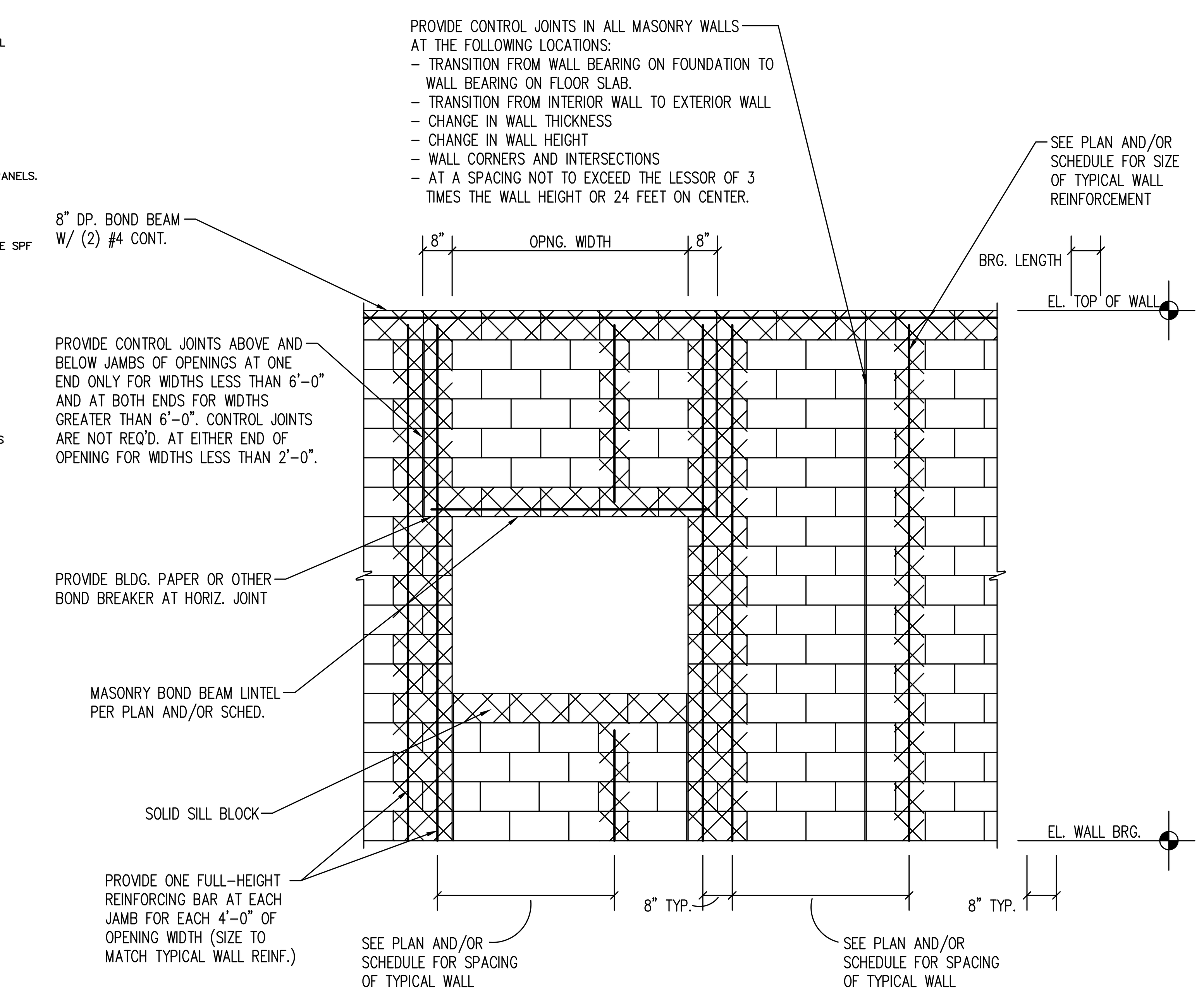
1. MATERIALS:
   - A. SHEET STEEL: ASTM A1003, G60, GALVANIZED. ASTM A653, PAINTED DECK.
   - B. ROOF DECK: 1-1/2" DEEP X 20 GAGE, WIDE RIB, PRIME PAINTED.
2. SPECIFICATIONS: WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS. DESIGN, FABRICATION, AND ERECTION TO BE GOVERNED BY THE LATEST REVISIONS OF:
3. CONNECTIONS:
   - A. 36/4 LAYOUT W/ 3 SIDELAP FASTENERS FOR ROOF DECK. USE #12 TEK SCREWS @ SUPPORTS. #12 TEK SCREWS @ SIDELAP. 30/4 LAYOUT W/ SIDELAP FASTENERS AT 36" O.C. MAXIMUM.




4. FINISH:
   - A. GALVANIZED: CONFORM TO ASTM A1003, G60.
   - B. PAINTED DECK: PHOSPHATIZE OR BONDERIZE, THEN APPLY A COAT OF ENAMEL PAINT. PAINT TO MEET THE FOLLOWING CRITERIA:
     1. ASTM B117, FOR 72 HOURS AND ASTM D870, FOR 250HOURS.
5. MISCELLANEOUS:
   - A. MECH. UNITS ARE TO BE CONTINUOUS OVER THREE SPANS WHERE POSSIBLE. END LAPS TO BE LOCATED OVER SUPPORTS ONLY.
   - B. FIELD CUTTING TO BE PERFORMED WITH A SAW.
   - C. METAL DECK SHOULD BE PROTECTED FROM CORROSION FROM PRESERVATIVE CHEMICALS IN PRESSURE-TREATED LUMBER WITH A MINIMUM 20 MIL VAPOR BARRIER. ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 AND ASTM A123 WITH A MINIMUM G185 COATING.
   - D. PROVIDE ADDITIONAL SUPPORT FOR OPENINGS THAT EXCEED 9" IN WIDTH IN THE ROOF DECK.

### STEEL JOISTS

1. SPECIFICATIONS:
   - A. FABRICATION AND ERECTION TO BE PER SJI REQUIREMENTS.
   - B. MANUFACTURER TO BE A MEMBER OF SJI.
2. BRIDGING:
   - A. SPACING AS SHOWN ON THE CONTRACT DRAWINGS, BUT NOT LESS THAN REQUIRED BY SJI. UNLESS NOTED OTHERWISE PROVIDE THE FOLLOWING BRIDGING:
   - B. DIAGONAL BRIDGING TO BE BOLTED TO THE JOISTS AND AT THEIR POINT OF INTERSECTION.
   - C. END BAYS OF DIAGONAL BRIDGING TO BE ANCHORED WITH HORIZONTAL BRIDGING, UNLESS SHOWN OTHERWISE.
   - D. HORIZONTAL BRIDGING IN NO MORE THAN 2 CONSECUTIVE BAYS MAY BE USED TO PROVIDE PASSAGE FOR DUCT WORK.
   - E. ANCHOR BRIDGING TO INTERSECTING STRUCTURAL STEEL OR MASONRY WALLS.
3. BEARING:
   - A. WELD ALL JOISTS TO SUPPORTING STEEL WITH 2" OF 3/16" FILLET WELD OR 3" OF 1/8" FILLET WELD FOR OPEN WEB STEEL JOISTS, EACH SIDE OF BEARING. JOISTS TO BE FIELD BOLTED AT COLUMN LINES. EXTEND BOTTOM CHORDS OF THE SAME JOISTS AND STABILIZE THEM TO THE BEAM OR COLUMN.
   - B. EXTEND ALL JOISTS 1" MINIMUM PAST CENTERLINE OF SUPPORTING MEMBER, WHERE POSSIBLE. BEARINGS TO BE PER DRAWINGS, OR WHERE SPECIAL INSTRUCTION IS NOT GIVEN, ACCORDING TO THE STANDARD SPECIFICATIONS OF SJI.
4. MISCELLANEOUS:
   - A. ADJACENT JOISTS OF THE SAME DEPTH ARE TO HAVE WEB MEMBERS IN LINE TO PERMIT PASSAGE OF MECHANICAL DUCTS.
   - B. SEE DRAWINGS FOR SPECIAL BEARING SHOES, EXTENDED ENDS, ETC.




TYPICAL REINFORCED MASONRY WALL CONSTRUCTION

STATE OF OHIO
JOSHUA LEE BETTS
E-69940
REGISTERED PROFESSIONAL ENGINEER
8/1/2018

BSE
Betts Structural Engineering LLC
304 Long St Ashville, OH 43103
740.954.3006 www.bsellc.us
BSE project #: A60018-0003

# CHESTNUT STREET RECORDS CENTER BUILDING AND SITE REMODELING

for the FAIRFIELD COUNTY COMMISIONERS 138 W. Chestnut St. Lancaster, OH 43130

VPL ARCHITECTS
426 EAST MAIN STREET
LANCASTER, OHIO 43130
phone: (740) 654-4048
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GENERAL NOTES

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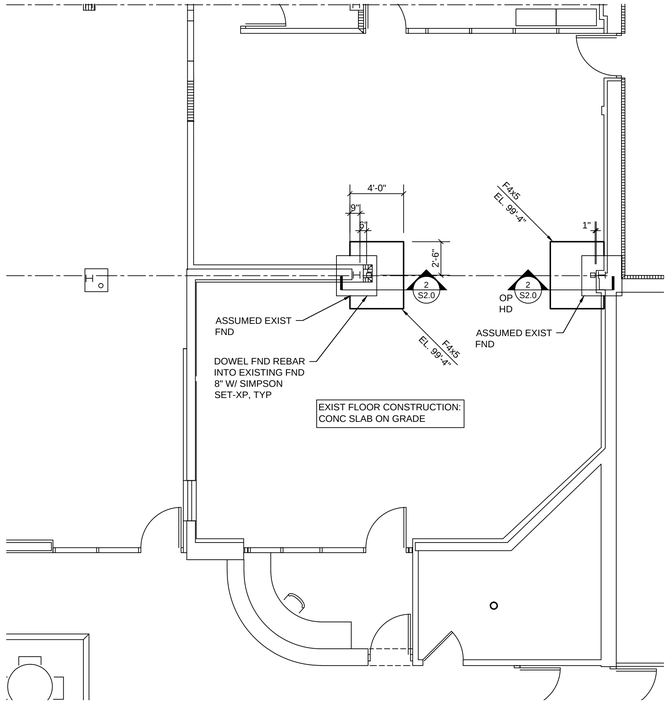
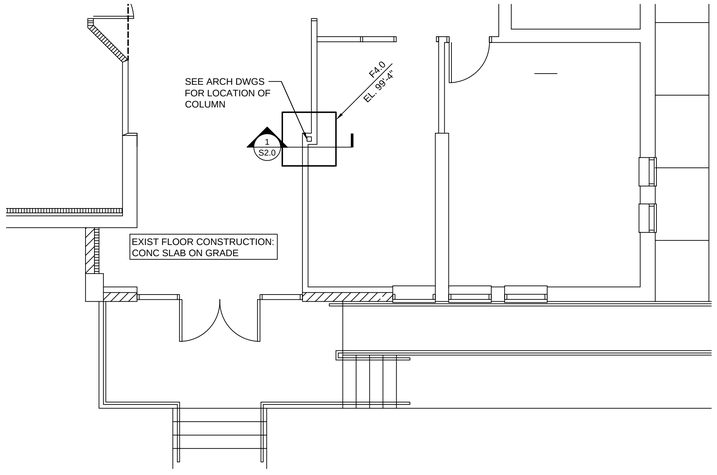
S0.0




## PARTIAL EXIST/NEW FOUNDATION PLAN

3/16" = 1'-0"



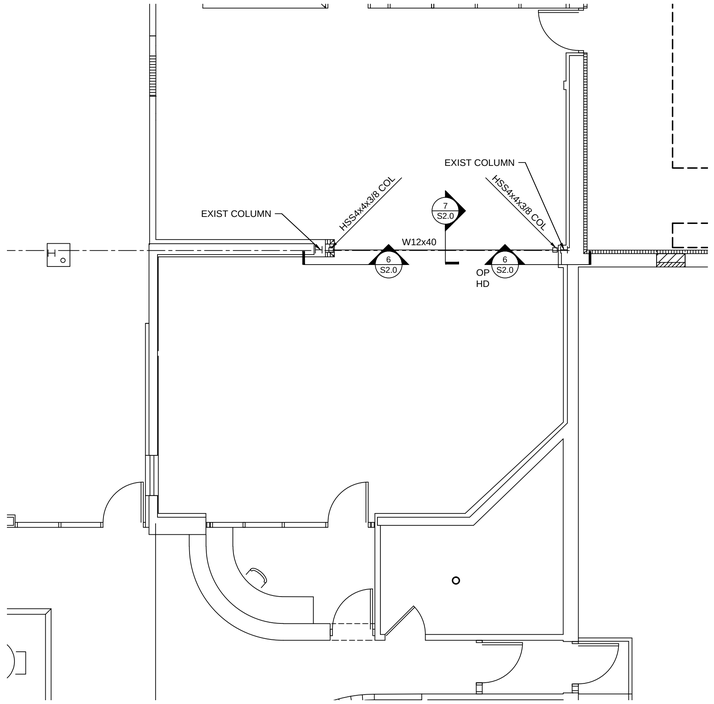

## PARTIAL EXIST/NEW FOUNDATION PLAN

3/16" = 1'-0"

FOUNDATION NOTES

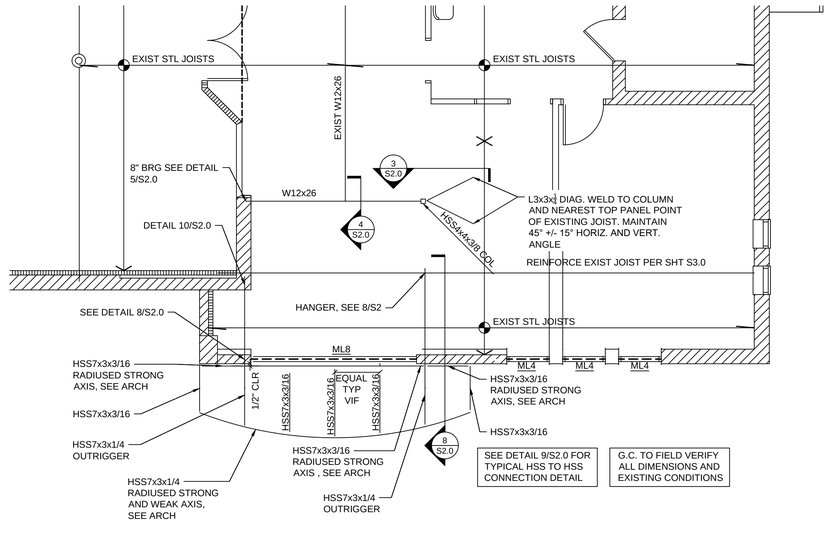
1. ASSUMED ALLOWABLE SOIL BEARING PRESSURE = 2,000 PSF FOR FOOTINGS. G.C. TO HIRE GEOTECH ENGINEER TO DETERMINE EXISTING SOILS ARE SUITABLE FOR FOUNDATIONS AND IN SITU SOILS ALLOWABLE BEARING PRESSURE MEETS OR EXCEEDS 2,000 PSF.
2. KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH CLASS IV CONCRETE.
3. TOP OF CONCRETE SLAB/FINISH FLOOR = 100'-0" U.N.
4. SEE SHEET SO.0 FOR GENERAL STRUCTURAL NOTES AND SPECIAL INSPECTION REQUIREMENTS.

| FOOTING SCHEDULE | | |
|---|---|---|
| MARK | SIZE | REINFORCING |
| F4.0 | 4'-0" SQ. x 12" DP. | (3) #5 E.W. |
| F4x5 | 4'-0"x5'-0". x 12" DP. | (5) #5 E.W. |




## PARTIAL EXIST/NEW FRAMING PLAN

3/16" = 1'-0"




## PARTIAL EXIST/NEW FRAMING PLAN

3/16" = 1'-0"

EXIST ROOF FRAMING NOTES

1. DESIGN LIVE LOAD: SEE SO.0
2. EXIST ROOF CONSTRUCTION: 1.5B METAL DECK ON STEEL JOISTS.
3. TRUSS BEARING ELEVATION, VARIES.
   REFERENCE ELEVATION: FIRST FLOOR ELEVATION = 100'-0" (MATCH EXISTING)
4. INDICATES LINTEL/HEADER. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND ELEVATION OF LOOSE LINTEL/HEADERS. SEE LINTEL NOTES, SHEET SO.0 FOR SIZES OF MASONRY LINTELS, U.N.O.
5. DIMENSIONS ARE TYPICALLY TO EXTERIOR FACE OF SHEATHING, FACE OF STUD, OR FACE OF MASONRY.
6. SEE SHEET SO.0 FOR GENERAL STRUCTURAL NOTES.

BSE Betts Structural Engineering LLC
304 Long St Ashville, OH 43103
740.954.3006 www.bsellc.us
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ARCHITECTS
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FOUNDATION & FRAMING PLANS

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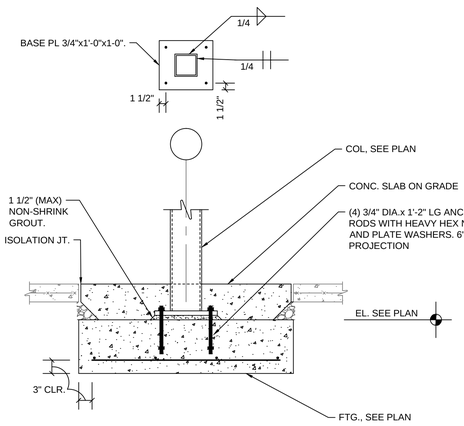
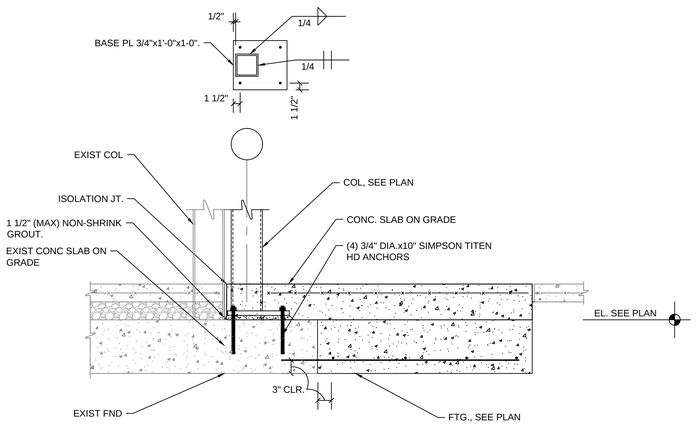
S1.0




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




SECTION 2
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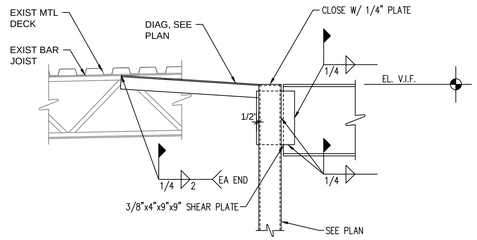


SECTION 3
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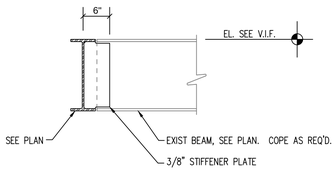


SECTION 4
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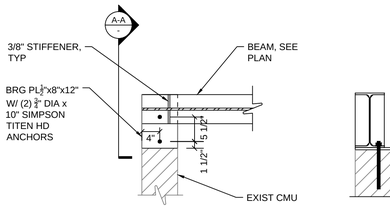
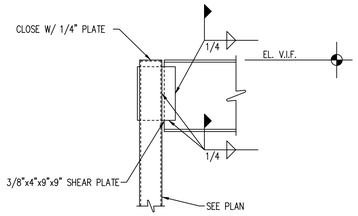




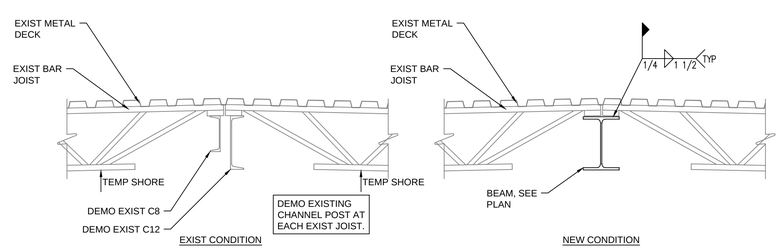


PROTECT EXISTING MASONRY FINISH. DO NOT ALLOW GROUT RUNOFF OR SPILLAGE ON EXISTING SURFACE BELOW.

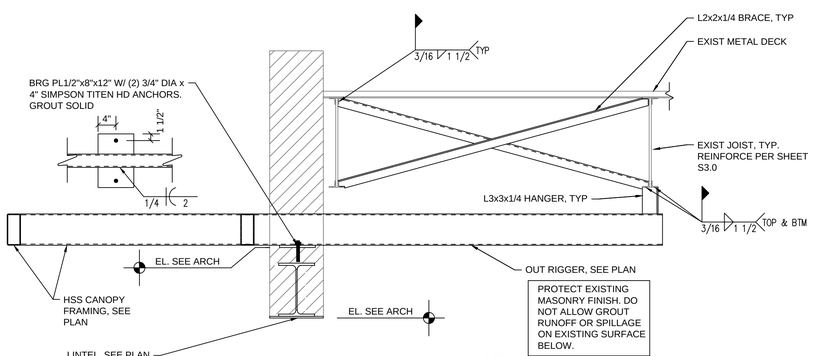
SECTION 5
3/4" = 1'-0"




SECTION 6
3/4" = 1'-0"

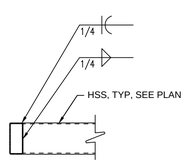



SECTION 7
3/4" = 1'-0"



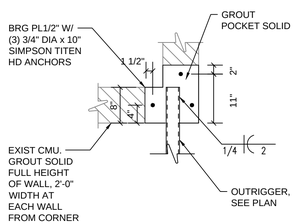

PROTECT EXISTING MASONRY FINISH. DO NOT ALLOW GROUT RUNOFF OR SPILLAGE ON EXISTING SURFACE BELOW.

SECTION 8
3/4" = 1'-0"




TYPICAL HSS TO HSS CONNECTION

SECTION 9
3/4" = 1'-0"




PROTECT EXISTING MASONRY FINISH. DO NOT ALLOW GROUT RUNOFF OR SPILLAGE ON EXISTING SURFACE BELOW.

OUTRIGGER MASONRY POCKET

SECTION 10
3/4" = 1'-0"

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SECTIONS

DRAWING NUMBER
S2.0

## JOIST INSPECTION NOTES
## (REQUIRED AT ALL EXISTING JOIST INDICATED TO BE REINFORCED)

**A. EXISTING WEB MEMBER SHOP WELDS:**
EXISTING JOISTS TO BE REINFORCED SHALL HAVE EXISTING SHOP WELDS FIELD INSPECTED BY AN INDEPENDENT CERTIFIED WELDING INSPECTOR (CWI). THE EXISTING JOISTS SHALL BE INSPECTED PER THE ACCEPTANCE CRITERIA LISTED BELOW THE INSPECTION SHALL BE COMPLETED BEFORE PROCEEDING WITH JOIST MODIFICATIONS. REPORT ALL INSUFFICIENT WELDS TO THE ENGINEER OF RECORD IMMEDIATELY.

VISUAL INSPECTION ACCEPTANCE CRITERIA .....
(INSPECTION MAY BE PERFORMED WITH PAINT IN PLACE):

1. CRACK PROHIBITION: ANY CRACK SHALL BE UNACCEPTABLE, REGARDLESS OF SIZE OR LOCATION.
2. WELD/BASE-METAL FUSION: NO EVIDENCE OF LACK OF FUSION BETWEEN ADJACENT LAYERS OF WELD METAL AND BETWEEN WELD METAL AND BASE METAL SHALL EXIST.
3. CRATER CROSS SECTION: UNFILLED WELD CRATERS SHALL NOT BE INCLUDED IN THE EFFECTIVE LENGTH OF THE WELD.
4. POROSITY: THE SUM OF SURFACE (PIPING) POROSITY DIAMETERS SHALL NOT EXCEED 1/16 INCH (2 MILLIMETERS) IN ANY 1 INCH (25 MILLIMETERS) OF EFFECTIVE WELD LENGTH.

**B. REPAIR WELDS:**
ALL REPAIR WELDS AT JOIST REINFORCING LOCATIONS SHALL BE FIELD INSPECTED BY AN INDEPENDENT CERTIFIED WELDING INSPECTOR (CWI). THE REPAIRS SHALL BE INSPECTED AFTER THE COMPLETION OF WORK AT EACH JOIST AND SHALL BE INSPECTED PER THE ACCEPTANCE CRITERIA LISTED BELOW. REPORT INSUFFICIENT WELDS TO THE CONTRACTOR AND ENGINEER OF RECORD IMMEDIATELY. **(REFERENCE CONTRACTOR NOTES ON JOIST MODIFICATION DETAIL FOR WELD REPAIRS TO BE INCLUDED IN THE BID)**

VISUAL INSPECTION ACCEPTANCE CRITERIA .....
(ALL REINFORCING AND REPAIR FIELD WELDS SHALL BE VISUALLY INSPECTED AND SHALL BE ACCEPTABLE IF THE CRITERIA OUTLINED BELOW ARE SATISFIED):

1. CRACK PROHIBITION: ANY CRACK SHALL BE UNACCEPTABLE, REGARDLESS OF SIZE OR LOCATION.
2. WELD/BASE-METAL FUSION: THROUGH FUSION SHALL EXIST BETWEEN ADJACENT LAYERS OF WELD METAL AND BETWEEN WELD METAL AND BASE METAL.
3. CRATER CROSS SECTION: ALL CRATERS SHALL BE FILLED TO PROVIDE THE SPECIFIED WELD SIZE, EXCEPT FOR THE ENDS OF INTERMITTENT FILLET WELDS OUTSIDE OF THEIR EFFECTIVE LENGTH.
4. WELD PROFILES: WELD PROFILES SHALL BE IN CONFORMANCE WITH ANSI/AWS D1.1 SECTION 5.24.
5. UNDERSIZED WELDS: THE SIZE OF A FILLET WELD IN ANY CONTINUOUS WELD MAY BE LESS THAN THE SPECIFIED NOMINAL SIZE (L) WITHOUT CORRECTION BY THE FOLLOWING AMOUNTS (U):

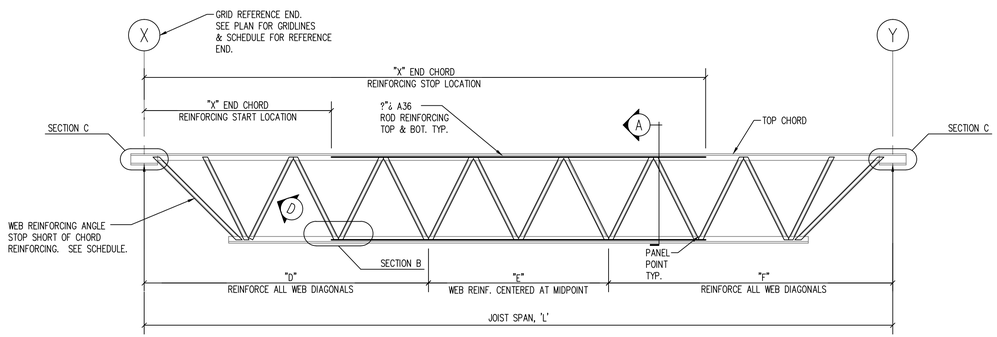
| L, SPECIFIED NOMINAL WELD SIZE, IN [MM] | U, ALLOWABLE DECREASE FROM L, IN. [MM] |
|---|---|
| ≤ 3/16 [5] | ≤ 1/16 [2] |
| 1/4 [6] | ≤ 3/32 [2.5] |
| ≥ 5/16 [8] | ≤ 1/8 [3] |

IN ALL CASES, THE UNDERSIZE PORTION OF THE WELD SHALL NOT EXCEED 10% OF THE WELD LENGTH.

6. POROSITY: THE SUM OF SURFACE (PIPING) POROSITY DIAMETERS SHALL NOT EXCEED 1/16 INCH (2 MILLIMETERS) IN ANY 1 INCH (25 MILLIMETERS) OF DESIGN WELD LENGTH.

CONTRACTOR NOTES:

A. REF. JOIST INSPECTION NOTES FOR REQUIRED INSPECTIONS TO BE PERFORMED PRIOR TO PROCEEDING WITH JOIST MODIFICATIONS.
B. IF EXISTING JOIST BRIDGING INTERFERES WITH INSTALLATION OF REINFORCING , REMOVE BRIDGING AND REPLACE IMMEDIATELY UPON COMPLETION OF REINFORCING INSTALLATION. IF BRIDGING TABS FOR BOLTED BRIDGING INTERFERES WITH INSTALLATION OF REINFORCING, REMOVE TABS AND REPLACE IMMEDIATELY UPON COMPLETION OF REINFORCING INSTALLATION. NEW CONNECTIONS SHALL MATCH EXISTING.
C. STEEL ERECTOR SHALL FIELD CUT REINFORCING TO FIT FROM STOCK LENGTHS.
D. CONTRACTOR TO INCLUDE IN BID. AN ADDITIONAL 18" TOTAL LENGTH OF 3/16" FILLET WELDS AT EACH JOIST TO BE REINFORCED FOR REQUIRED REPAIRS THAT RESULT FROM THE JOIST INSPECTIONS. THESE REPAIRS MAY INCLUDE, BUT ARE NOT LIMITED TO WEB TO CHORD WELDS. BRIDGING WELDS, JOIST TO SUPPORT WELDS, OR ANY OTHER REPAIR WELDS REQUIRED BASED ON THE EXISTING JOIST INSPECTIONS.
E. WHERE REQUIRED AREA OF WEB REINFORCING EXTENDS THROUGH THE JOIST SEAT, AND THE JOIST SEAT BEARS WITHIN AN EXISTING WALL, REMOVE CMU AND GROUT AS REQUIRED FOR INSTALLATION OF REINFORCING. ONCE THE REINFORCING HAS BEEN INSTALLED AND INSPECTED, REPLACE/REPAIR THE CMU AND GROUT TO MATCH EXISTING CONDITION PRIOR TO REMOVAL.
F. REMOVE ALL PAINT AND DEBRIS FROM EXISTING JOIST AT LOCATIONS OF NEW WELDS FOR JOIST REINFORCING PRIOR TO INSTALLATION OF JOIST REINFORCING.
G. ALL JOIST REINFORCING SHALL BE INSTALLED AND INSPECTED BEFORE APPLYING NEW LOADS. I.E. RTU'S BULKHEADS, FANS AND OTHER ROOF SUPPORTED ITEMS.
H. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING BUILDING ELEMENTS THAT PREVENT ACCESS TO INSTALL JOIST REINFORCING. INCLUDING SUSPENDED CEILINGS, DUCTWORK, RTU PLENUMS, LARGE PIPING, ETC.



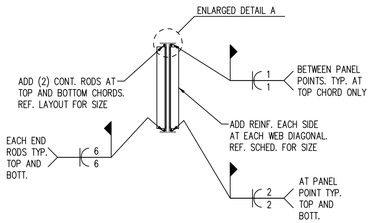

K-SERIES JOIST LAYOUT

(NOTE: DIAGRAM IS GENERIC AND ACTUAL NUMBER OF WEBS TO BE REINFORCED IS NOT ACCURATELY SHOWN. ACTUAL NUMBER OF WEB MEMBERS TO BE REINFORCED SHALL BE DETERMINED BASED ON THE LENGTHS SHOWN IN THE JOIST LAYOUT

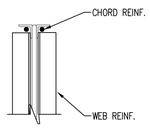
### JOIST REINFORCING SCHEDULE

| JOIST REINFORCING DESIGINATION | JOIST TYPE | CHORD REINF. | 'X' GRID REF. | REINF. LOCATION 'X' END START | REINF. LOCATION 'X' END STOP | WEB REINF. | WEB REINFORCING "D" FROM 'X' END | WEB REINFORCING "E" CENTERED | WEB REINFORCING "F" FROM 'Y' END | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| *MJ1* | 20K | (2) 1/2" DIA. ROD | X | 12'-0" | 25'-0" | L1 1/2 x 1 1/2 x 3/16 | FULL LENGTH | FULL LENGTH | FULL LENGTH | 1, 2, 3, |

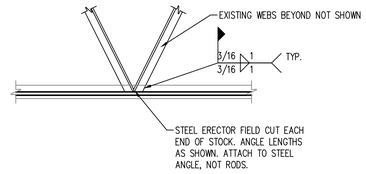
NOTES:
1. CHORD REINFORCING DIMENSIONS SHOWN ARE MINIMUM REQUIRED LENGTHS. FIELD VERIFY PANEL POINT LOCATIONS AND EXTEND TOP AND BOTTOM CHORD REINF. TO OUTER EDGE OF ADJACENT PANEL POINT.
2. CHORD REINFORCEMENT SHALL BE CONTINUOUS SPLICE AT ENDS OF STOCK LENGTHS AND AT OBSTRUCTIONS PER SECTION E.
3. REF. PLAN FOR NEW EQUIPMENT. REF. JOIST REINFORCING DETAIL FOR ADDITIONAL REINFORCEMENT. DO NOT SET EQUIPMENT UNTIL ALL REINF. IS IN PLACE AND INSPECTED.



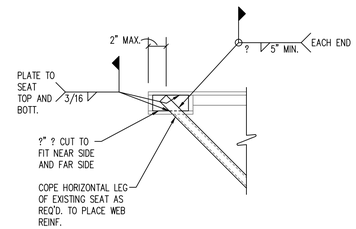

SECTION A



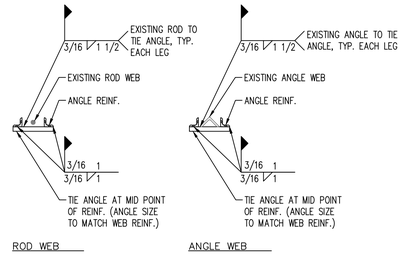

DETAIL A (BOTTOM CHORD SIMILAR)




SECTION B

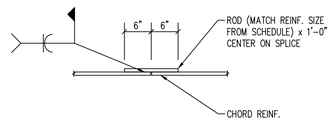



SECTION C

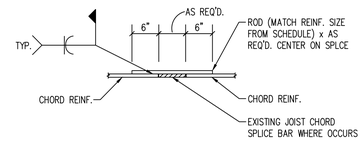



ROD WEB ANGLE WEB

SECTION D (WEB REINF.)




TYPICAL SPLICE




SPLICE AT EXISTING OBSTRUCTION

SECTION E (CHORD REINF. SPLCE)


CHESTNUT STREET RECORDS CENTER
BUILDING AND SITE REMODELING
for the FAIRFIELD COUNTY COMMISIONERS 138 W. Chestnut St. Lancaster, OH 43130

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L-1823

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DRAWN BY: SML

STATE OF OHIO
JOSHUA LEE BETTS
E-69940
REGISTERED
PROFESSIONAL ENGINEER
8/11/2018


BSE
Betts Structural Engineering LLC
304 Long St. Ashville, OH 43103
740.954.3209 www.bsellc.us
BSE project #: A60018-0003


SECTIONS & DETAILS

DRAWING NUMBER
S3.0