Interior Door Frame: ...to match
Interior Door Face: Sherwin Williams

Secondary (Emergency) Roof Drain Downspout Nozzle. See Plumbing Drawings.
GENERAL

1. DESIGN PARAMETERS:

A. BUILDING PRESSURE:
   PFP

B. DESIGN PARAMETERS:
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02

C. SOIL PARAMETERS:
   - 30 PSF
   - 0.02

D. ROOF TO LOAD LOAD PARAMETERS:
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02

E. FOUNDATION DESIGN PARAMETERS:
   - 30 PSF
   - 0.02

F. BUILDING PRESSURE:
   PFP

G. SOIL PARAMETERS:
   - 30 PSF
   - 0.02

H. ROOF TO LOAD LOAD PARAMETERS:
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02
   - 30 PSF
   - 0.02

CONCRETE

1. CAST IN PLACE CONCRETE WORK SHALL COMPLY WITH THE FOLLOWING:

A. AMERICAN CONCRETE INSTITUTE CODES AND STANDARDS. INCLUD, BUT NOT LIMITED TO, THE FOLLOWING:
   - ACI 318
   - ACI 318-20
   - ACI 318-20 R
   - ACI 318-20 R
   - ACI 318-20 R
   - ACI 318-20 R
   - ACI 318-20 R
   - ACI 318-20 R
   - ACI 318-20 R
   - ACI 318-20 R

B. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

C. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

D. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

E. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

F. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
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   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

G. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
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   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

H. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
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   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

I. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
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   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

J. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
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   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.

K. CONCRETE PLACEMENT:
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
   - U.S. CONCRETE, INC.
RFI 75
LATEST EDITION
6" EMBEDMENT
RFI 75
TABLE C
DETAILED ON THE DRAWINGS.

STRUCTURAL STEEL:
A. B. ANCHOR BOLT ATTACHMENTS, REINFORCING, ANCHORAGE, SIZE AND TYPE OF FASTENERS, AND ACCESSORIES. PROVIDE TEMPLATE FOR ANCHOR AND INSTALLATION, PROPORTIONS AND DIMENSIONS OF FIXED METAL STAIRS USING PROPER EQUIPMENT FOR THE PARTICULAR TYPE OF WORK REQUIRED.

B. INSTALLATION, PROPORTIONS AND DIMENSIONS OF FIXED METAL STAIRS, POST SPACINGS AND ANCHORAGE, BUT NOT LESS THAN THAT REQUIRED; MAINTAIN CROSS SECTION OF MEMBER THROUGHOUT CHANGES IN DIRECTION OF HANDRAILS AND RAILS AS FOLLOWS:

C. JST JOIST
ARCH ARCHITECT OF RECORD

D. LSV LONG SIDE VERTICAL USE ASTM A572 GRADE 50 STEEL FOR ANGLES AND PLATES.

E. WELDING SOCIETY, AWS D1.1
STRAP BRIDGING ALL OTHER BAYS TOP AND BOTTOM.

F. L.W. LONG WAY HANDRAILS SHALL BE DESIGNED AND CONSTRUCTED TO CARRY A MINIMUM LOAD OF 250# PER LINEAR FT OF HANDRAIL.

G. H. BRACE CONFIGURATION: 1 1/2 INCH ROUND TOP AND BOTTOM RAILS, 1 1/2 INCH ROUNDS ADJACENT MEMBERS, 1 1/2" Rectangle FOR HANDRAILS AND 1 1/2" SQUARE FOR TREADS. MAKING JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT. USE ASTM A572 GRADE 50 STEEL FOR ANGLES AND PLATES.

H. F. BEAM BEARINGS.

I. PROVIDE WELDING SYMBOLS.

J. V.B. VAPOR BARRIER PROVIDE MASONRY ANCHORS AT 16" O.C EACH SIDE, FOR ALL EXISTING AND NEW OPENINGS. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

K. BRACKETS TO STRINGERS & RISERS, AND TREADS TO BRACKETS. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY.

L. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

M. PROVIDE BOLTS FOR BEARING SEATS TO BE AS FOLLOWS:

1. F. PROVIDE WELDING SYMBOLS.

2. B. INSTALLED HANDRAILS SHALL HAVE TWO POINTS OF CHANGING BENDING, HANDRAILS SHAPE "T" WITH A MINIMUM BEND RADIUS OF 1 1/2" OR "T" END BENDS.

3. H. PROVIDE WELDING TO DEVELOP FULL STRENGTH OF MEMBERS & GAUGES SHOWN IN THESE DRAWINGS ARE THE MINIMUM SIZES PROPOSED ARE LARGER OR STRONGER THAN THOSE INDICATED ON THE DRAWINGS.

ALL SUCH OPENINGS SHALL BE MACHINE CUT. ALL RECTANGULAR OPENINGS SHALL HAVE A CORNER RADIUS OF 2 TIMES THE WEB THICKNESS, 1/2" MINIMUM. VERIFY THE EXACT SIZE AND LOCATION OF ALL OPENINGS PRIOR TO FRAME-sided CONSTRUCTIONS.

PLATES ARE TO BE USED AS BM TO COL

STEEL FABRICATOR'S NOTES:

1. PROVIDE STIFF PL ON F.S. OF BM WEB AT A SINGLE (OR UNMATCHED) SECONDARY BM SEAT. PROVIDE STIFF PL ON F.S. OF BM WEB AT A SINGLE (OR UNMATCHED) SECONDARY BM SEAT WITH MIN ACTUAL BRG  L= 4" Connection in conjunction with a stiffer angle seat with a min actual brg L= 4" connection. BM Web seating shall be extended to cover the seating of the BM Web with a minimum of 2".

2. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

3. PROVIDE STIFF PL ON F.S. OF BM WEB AT A SINGLE (OR UNMATCHED) SECONDARY BM SEAT WITH MIN ACTUAL BRG L= 4" CONNECTION. BM WEB SEATING SHALL BE EXTENDED TO COVER THE SEATING OF THE BM WEB WITH A MINIMUM OF 2".

4. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

5. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

6. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

7. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

8. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

9. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

10. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

11. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

12. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

13. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

14. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

15. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

16. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

17. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.

18. PROVIDE 3/4" CAP PLATE OVER ALL COLUMNS HAVING BEAM BEARING, AND FIELD WELD THE ANCHORAGE DEVICES FOR CONNECTING TO CONC OR MASONRY. MAKE JOINTS TRUE AND TIGHT AND MAKE CONNECTIONS BETWEEN PARTS LIGHTPROOF TIGHT.
Stair and Handrail Clarifications

RFI 19

TYP 2nd FLR WALL SECTION

TYP FLR ADJ TO CMU BRG WALL

TYP 2 STORY COL

TYP FLR BEAM/BEAM CONN

GENERIC STAIR PLAN

SECTION A

SECTION B

SECTION C

SECTION D1

SECTION E

SECTION F

SECTION G

SECTION H

SECTION I

SECTION J

SECTION K

SECTION L

Stair and handrails clarification
SLAB JOINT PLAN NOTES:

SAWCUT JT & CONSTRUCTION JTs SHALL BE LOCATED AS TO COINCIDE W/ COL CENTERLINES & REENTRANT CORNERS IN SLAB WHEREVER POSSIBLE & ALL CMU DOOR OPNGS. INCLUDE ALL LOCATIONS MARKED FOR 2-#3 x 3'-0" LG. @ 45 DEG IN SLAB FOR ANY RE-ENTRANT CORNERS WITHOUT SAWCUT JOINTS.

INCLUDE AN ALLOWANCE OF 60 LF OF #3 REBAR FOR RE-ENTRANT CORNERS. **** APPROX JOINT LAYOUT SPACED IN SQUARISH GRIDLIKE PATTERN OF 13 FT TO 15 FT MAX SPACING AS SHOWN ON DWG S100 **** SUBSTITUTE A CONSTRUCTION JT IN LEIU OF A SAWCUT JT WHEREVER SEPARATE CONC POURS OCCUR. SEE DETAIL 1/S003.

CONT THK SLABS UNDER NON-BRG CMU WALLS NOT SHOWN FOR CLARITY.

KEYNOTES:

LOCATIONS MARKED FOR 2- #3 x 3'-0" LG. BARS IN SLAB BENT TO THE ANGLE SHOWN ON PLAN.

COORD CURVED WALL PLACEMENT & RADII W/ ARCH DWG DIMS.

WORK POINT / CONTROL PT OF 4 OR MORE INTERSECTING GRIDLINES.

SAWCUT JT LAYOUT PLAN

CML KARL ROAD BRANCH
COLUMBUS METROPOLITAN LIBRARY
5590 KARL ROAD
COLUMBUS, OH 43229
ROOF FRAMING PLAN

**Notes on DRAWING S001:**
1. ALL ELEV GIVEN THUS (Ft'-IN") ARE TOP OF STL BEAMS & TOP OF StL FILLET ANGLES.
2. T/STL @ LINTELS TO BE COORDINATED W/ STRUCTURAL DETAILS & SECTIONS TO DETERMINE REQUIREMENTS OF ADD'L STL ANGLES & PLATES.
3. COORDINATE ALL DOOR, WINDOW & WALL OPNG LINTEL LENGTH.
4. ADD'L LINTELS REQ'D FOR DUCTS & LOUVERS THRU WALLS.
5. T/STL @ LINTELS TO BE COORDINATED W/ STRUCTURAL DETAILS & SECTIONS TO DETERMINE REQUIREMENTS OF ADD'L STL ANGLES & PLATES.
6. COORDINATE ALL DOOR, WINDOW & WALL OPNG LINTEL LENGTH.
7. ADD'L LINTELS REQ'D FOR DUCTS & LOUVERS THRU WALLS.
8. T/STL @ LINTELS TO BE COORDINATED W/ STRUCTURAL DETAILS & SECTIONS TO DETERMINE REQUIREMENTS OF ADD'L STL ANGLES & PLATES.
9. ALL REQUIRED STEEL MEMBERS ARE NOT SHOWN ON THE PLAN DRAWINGS. REFER TO STRUCTURAL DETAILS & SECTIONS TO DETERMINE REQUIREMENTS OF ADD'L STEEL ANGLES & PLATES.
10. ADD'L LINTELS REQ'D FOR DUCTS & LOUVERS THRU WALLS.

**Notes on DRAWING S006:**
11. ALL ELEV GIVEN THUS (Ft'-IN") ARE TOP OF STL BEAMS & TOP OF StL FILLET ANGLES.
12. T/STL @ LINTELS TO BE COORDINATED W/ STRUCTURAL DETAILS & SECTIONS TO DETERMINE REQUIREMENTS OF ADD'L STL ANGLES & PLATES.
13. COORDINATE ALL DOOR, WINDOW & WALL OPNG LINTEL LENGTH.
14. ADD'L LINTELS REQ'D FOR DUCTS & LOUVERS THRU WALLS.
15. T/STL @ LINTELS TO BE COORDINATED W/ STRUCTURAL DETAILS & SECTIONS TO DETERMINE REQUIREMENTS OF ADD'L STL ANGLES & PLATES.
16. COORDINATE ALL DOOR, WINDOW & WALL OPNG LINTEL LENGTH.