

FIELD REPORT

DATE: March 15, 2012

PROJECT: Independence Park Main Library
WEATHER CONDITIONS: Cloudy - 77°
REPORTED BY: Benjamin R. Bradford, The Library Design Collaborative

IN ATTENDANCE: Benjamin R. Bradford and Robbie Posey

OBSERVATIONS:

- 1) Temporary power from the new building transformer in on.
- 2) The removal of the pink concrete that encased the electrical duct bank to the old transformer has been completed. These obstructed the pouring of the pile caps in the locations it was removed.
- 3) Pile driving is complete.
- 4) Structural steel sequence No. 1 has 90% of the concrete pile caps complete, and the concrete grade beams and pedestals approximately 30% complete.
- 5) The staging area to the west of the BREC theatre parking lot has been fenced off.

CONSTRUCTION SCHEDULE:

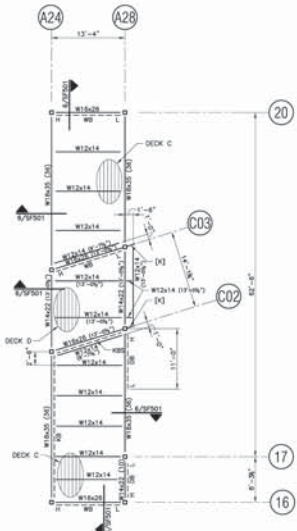
- 1) Continue the installation of the concrete work in the structural steel sequence No. 1.
- 2) Resume the installation of the subsurface drainage system.
- 3) Structural steel sequence No. 1 erection is scheduled to start March 28th.

ATTACHMENTS:

- 1) Two (2) pages of photographs from the site visit.
- 2) Seven (7) pages of the structural drawings indicating the structural steel sequencing from left (west) to right (east). These drawings are reduced from the full size sheets and not to scale.







- NOTE A:**
INDICATES THE TOTAL NUMBER OF 3/4"x4" SHEAR STUDS TO BE EQUALLY SPACED ON THE BEAM BETWEEN ITS SUPPORT POINTS - SEE GENERAL NOTES.
- NOTE B:**
PROVIDE #3 x 14" LONG BEAMS @ 16" O.C. LOCATED 1" C/L FROM TOP OF SLAB BETWEEN COLUMN LINES E2 & E5.
- NOTE:**
ALL BEAMS & GIRDERS CONTAINING SHEAR STUDS SHALL BE GRADED @ 1/8" PER FOOT. USE 6x6 WOOD POST OR STEEL SHAKES, UNITS CONCRETE FILL ON MECH. DECK REACHES A STRENGTH OF 2500 PSI.
- NOTE:**
ALL WF STEEL MEMBERS SHALL BE ASTM A572 - GRADE 50 OR ASTM A992.
- NOTE:**
PROVIDE CHASE FRAME AROUND ALL FLOOR OPENINGS LARGER THAN 8' x 8'.
- NOTE:**
EQUALLY SPACE BEAMS - U.N.O.
- NOTE:**
PROVIDE 1/2" DIA. GULF RAIL COLUMN SUPPORTS & VERTICAL WALLS OF ELEVATORS - ATTACH TO STRUCTURE AS REQUIRED.
- NOTE:**
PROVIDE 'N' BENT CLOSURE PLATE AROUND PERIMETER OF ALL FLOOR EDGES AND OPENINGS. USE ARCH DRAWINGS FOR LOCATION OF ALL FLOOR EDGES.
- NOTE:**
ALL UNMARKED BEAMS SHALL BE TAKEN AS #16x26.
- NOTE:**
CONCRETE CURB ON LOW ROOF OF MEETING ROOM ALONG COLUMN LINES C02 AND C03 FOR SUPPORT OF WALLS ABOVE MEETING ROOM. SEE ARCH. DRAWINGS FOR LOCATION OF ALL FLOOR EDGES.
- MEMBER & ABBREVIATION LEGEND & NOTES**
- AB = 15 3/4" DIA. BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN/BEAM WITH 'N' FILLET WELD ALL AROUND. USE 'A' GUSSET PLATE WITH MINIMUM 8" GRID ONTO TUBE @ COLUMN WEB CONDITION.
- WB = 15 3/4" DIA. DIAGONAL WIND BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN WITH 'N' FILLET WELD ALL AROUND. USE 'A' GUSSET PLATE WITH MINIMUM 8" GRID ONTO TUBE @ COLUMN WEB CONDITION. ADJUST WORKPOINT @ HIGH END TO MEET CORNER AS APPLICABLE.
- CB = 15 3/4" DIA. DIAGONAL WIND BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN WITH 'N' FILLET WELD ALL AROUND. USE 'A' GUSSET PLATE WITH MINIMUM 8" GRID ONTO TUBE @ COLUMN WEB CONDITION. ADJUST WORKPOINT @ HIGH END TO MEET CORNER AS APPLICABLE.
- DB = 15 3/4" DIA. DIAGONAL WIND BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN WITH 'N' FILLET WELD ALL AROUND. USE 'A' GUSSET PLATE WITH MINIMUM 8" GRID ONTO TUBE @ COLUMN WEB CONDITION. ADJUST WORKPOINT @ HIGH END TO MEET CORNER AS APPLICABLE.
- EB = 15 3/4" DIA. BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN WITH 'N' FILLET WELD ALL AROUND. USE 'A' GUSSET PLATE WITH MINIMUM 8" GRID ONTO TUBE @ COLUMN WEB CONDITION. ADJUST WORKPOINT @ HIGH END TO MEET CORNER AS APPLICABLE.
- FB = 15 3/4" DIA. BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN WITH 'N' FILLET WELD ALL AROUND. USE 'A' GUSSET PLATE WITH MINIMUM 8" GRID ONTO TUBE @ COLUMN WEB CONDITION. ADJUST WORKPOINT @ HIGH END TO MEET CORNER AS APPLICABLE.
- GC = 96" x 3000 PSI STRUCTURAL LIGHTWEIGHT CONCRETE W/ WF 6x6 W2.9x20.9 ON GALVANIZED 2x4-20 GAGE DECK COMPOSITE MECH. DECK - SEE ARCH. DRAWINGS FOR DEFINITION OF FLOOR EDGES. FIN. FLR. @ EL. 19'-4".
- GD = 96" x 3000 PSI STRUCTURAL LIGHTWEIGHT CONCRETE W/ WF 6x6 W2.9x20.9 ON GALVANIZED 2x4-20 GAGE DECK COMPOSITE MECH. DECK - SEE ARCH. DRAWINGS FOR DEFINITION OF FLOOR EDGES. FIN. FLR. @ EL. 19'-4".
- GE = 96" x 3000 PSI STRUCTURAL LIGHTWEIGHT CONCRETE W/ WF 6x6 W2.9x20.9 ON GALVANIZED 2x4-20 GAGE DECK COMPOSITE MECH. DECK - SEE ARCH. DRAWINGS FOR DEFINITION OF FLOOR EDGES. FIN. FLR. @ EL. 19'-4".
- GF = 96" x 3000 PSI STRUCTURAL LIGHTWEIGHT CONCRETE W/ WF 6x6 W2.9x20.9 ON GALVANIZED 2x4-20 GAGE DECK COMPOSITE MECH. DECK - SEE ARCH. DRAWINGS FOR DEFINITION OF FLOOR EDGES. FIN. FLR. @ EL. 19'-4".
- GG = 96" x 3000 PSI STRUCTURAL LIGHTWEIGHT CONCRETE W/ WF 6x6 W2.9x20.9 ON GALVANIZED 2x4-20 GAGE DECK COMPOSITE MECH. DECK - SEE ARCH. DRAWINGS FOR DEFINITION OF FLOOR EDGES. FIN. FLR. @ EL. 19'-4".
- HH = 15 3/4" DIA. HANGER COLUMN TO BEAM ABOVE. WELD TO 'N' PLATE ON END OF (E) MEMBER ALL AROUND AS APPLICABLE.
- II = 15 3/4" DIA. COLUMN GROUND TO ROOF. USE TYPE A BASE PLATE PER 3/3/201.
- TT = TYPICAL.
- T.S.S. = TOP OF STEEL.
- U.N.O. = UNLESS NOTED OTHERWISE.
- H = HIGH END OF BRACE.
- L = LOW END OF BRACE.
- MC = IN ADDITION TO STAIRWELL DOUBLE ANGLE FRAMING CONNECTION - WELD FLANGES OF BEAM TO COLUMN WITH FULL PENN. WELDS.
- (1) = WELDED TO CONTIGUOUS PROFILES FROM MEMBER OR TOP OF MEMBER WITH WELD TO WEB W/ 1/2" OF 'N' FILLET WELD @ 1/2" C/C EACH SIDE OF FLANGE. PROVIDE 14" SQUARE HOLES IN WELDED WEB W/ EACH FOOT LOCATION - SEE ARCH. DRAWING FOR LOCATION OF ALL HOLES.
- (2) = FLANGE 8"x14"x1/2" WELDED TO TOP FLANGE OF BEAM W/ 'N' FILLET WELD ALL AROUND.
- (3) = CORE BOTTOM FLANGE OF W16 @ END - 5" DALLAS14" LONG.
- (4) = CORE BOTTOM FLANGE OF W14 @ END - 3" DALLAS14" LONG.
- (5) = 3/8" HOLE IN BEAM WEB @ 1/2" SOUTH OF BEAM CENTERLINE OF HOLE 8"-07" EAST OF COLUMN LINE B16. ADD 1/2" X 1/2" GUSSET PLATE EACH SIDE OF WEB WELDED W/ 'N' FILLET WELD ALL AROUND.
- (6) = TWO-8" HOLES IN BEAM WEB LOCATED 18" C/C. CENTER BETWEEN HOLES LOCATED 14"-00" SOUTH OF LINE B6. CENTER OF HOLES @ EL. 14'-76". ADD 1/2" X 1/2" GUSSET PLATE EACH SIDE OF WEB WELDED W/ 'N' FILLET WELD ALL AROUND.
- (7) = TWO-8" HOLES IN BEAM WEB LOCATED 18" C/C. CENTER BETWEEN HOLES LOCATED 14"-00" SOUTH OF LINE B6. CENTER OF HOLES @ EL. 14'-84". ADD 1/2" X 1/2" GUSSET PLATE EACH SIDE OF WEB WELDED W/ 'N' FILLET WELD ALL AROUND.
- (8) = TWO-8" HOLES IN BEAM WEB LOCATED 18" C/C. CENTER BETWEEN HOLES LOCATED 8"-00" SOUTH OF LINE B6. CENTER OF HOLES @ EL. 14'-76". ADD 1/2" X 1/2" GUSSET PLATE EACH SIDE OF WEB WELDED W/ 'N' FILLET WELD ALL AROUND.
- (9) = TWO-8" HOLES IN BEAM WEB LOCATED 18" C/C. CENTER BETWEEN HOLES LOCATED 8"-00" SOUTH OF LINE B6. CENTER OF HOLES @ EL. 14'-84". ADD 1/2" X 1/2" GUSSET PLATE EACH SIDE OF WEB WELDED W/ 'N' FILLET WELD ALL AROUND.
- (A) = C04.
- (B) = W16x27 - TOP @ EL. 17'-15".
- (C) = W16x24.
- (D) = 15 3/4" DIA. ON PLAT HANG UP TO BOTTOM FLANGE OF BEAMS W/ 1/2" FLANG STUDS - POSITION OVER SLAB WALL BOTTOM OF TUBE @ EL. 19'-36".
- (E) = 15 3/4" DIA. @ CENTERLINE OF COLUMN TOP @ EL. 19'-108". CONNECT TO COLUMN @ ENDS AND TO CONTIGUOUS SYSTEM AS REQUIRED. 1/2" IS PLATE DIMENSION.
- (F) = 15 3/4" DIA. @ HEAD AND SKEL OF OPENING. RE. 7/3/2012.
- (G) = W21x100.
- (H) = W16x26 - SHIP BUTT WELD TO COLUMN - TOP @ EL. 13'-08".
- (I) = 15 3/4" DIA. SHIP BUTT WELDED TO COLUMN ALL AROUND. BOTTOM @ EL. 13'-07". 4" IS PLATE DIMENSION.
- O/F = OUTSIDE FACE.

1 SECOND FLOOR FRAMING PLAN AND LOW ROOF FRAMING
1/8" = 1'-0"
(T.O.S. @ EL. 18'-10 1/2" - U.N.O.)

2 MECHANICAL MEZZANINE FRAMING PLAN
1/8" = 1'-0" (MEETING ROOM) (T.O.S. @ EL. 9'-7 1/2" - U.N.O.)

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 SECOND FLOOR FRAMING PLAN AND LOW ROOF FRAMING MECHANICAL MEZZANINE FRAMING PLAN
 SHEET NUMBER: SF 121b
 DATE: MAY 17, 2011
 DRAWN BY: D. DEVILLE
 CHECKED BY: []
 PROJECT: []
 SHEET: [] OF []



- MEMBER & ABBREVIATION LEGEND & NOTES**
- W# = TS 8x#x# DIAGONAL WIND BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN/BEAM WITH #4 FLEET WELD ALL AROUND. GAP BRACES 1" @ BEAM BOTTOM FLANGE WITH MINIMUM 8" GRID ON TUBE. @ COLUMN WEB CONNECTION.
 - D# = TS 12x#x# DIAGONAL WIND BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN WITH #4 FLEET WELD ALL AROUND. USE #4 GUSSET PLATE WITH MINIMUM 8" GRID ON TUBE @ COLUMN WEB CONNECTION. @ IS PLAN DIMENSION.
 - W# = TS 8x#x# DIAGONAL WIND BRACE @ CENTERLINE OF COLUMN. WELD TO COLUMN WITH #4 FLEET WELD ALL AROUND. USE #4 GUSSET PLATE WITH MINIMUM 8" GRID ON TUBE @ COLUMN WEB CONNECTION.
 - DECK A = 5K'-3500 PSI STRUCTURAL LIGHTWEIGHT CONCRETE W/ W# 8x#x# W/2'S OR EQUIVALENT 2x#-20 GAGE GRC COMPOSITE METAL DECK @ 80% ARCH. DIMENSION FOR DEFINITION OF FLOOR EDGES. FIN. FLR. @ EL. 36'-0".
 - DECK B = 5K'-3500 PSI STRUCTURAL LIGHTWEIGHT CONCRETE W/ W# 8x#x# W/2'S OR EQUIVALENT 2x#-20 GAGE GRC COMPOSITE METAL DECK @ 75% ARCH. DIMENSION FOR DEFINITION OF FLOOR EDGES. FIN. FLR. @ EL. 33'-3".
 - T# = TS 2x#x# HANGER COLUMN TO BEAM/POST COLUMN TO BEAM ABOVE. WELD TO PLATE AS APPLICABLE.
 - P# = TS 8x#x# POST COLUMN TO BEAM ABOVE.
 - TOP = TOP OF CONCRETE.
 - T.O.C. = TOP OF STEEL.
 - U.N.D. = UNLESS NOTED OTHERWISE.
 - H = HIGH END OF BRACE.
 - L = LOW END OF BRACE.
 - MC = AN ADDITION TO STANDARD DOUBLE END BRACING CONNECTION - WELD FLANGES OF BEAM TO COLUMN WITH ALL STEEL WELDED.
 - [1] = PLATE 4"x4"x1/2" WELDED TO TOP FLANGE OF BEAM W/ #4 FLEET WELD ALL AROUND.
 - [2] = TS 2x#x# END BRACE FROM TOP OF W#1 TO BOTTOM OF W#2 OR 20" ANGLE FROM HORIZONTAL.
 - [A] = TS 8x#x# SHOP BUTT WELDED TO COLUMN ALL AROUND - TOP @ EL. 41'-0" - 4" IS PLAN DIMENSION.
 - [B] = W12x14.
 - [C] = W14x22.
 - [D] = TS 8x#x# SHOP BUTT WELDED TO COLUMN W/ FULL PENN. BUTT WELD ALL AROUND. TOP @ EL. 33'-11 1/2". PROVIDE #4 CLOSURE PLATE @ ENDS.
 - [E] = TS 12x#x# ON FLAT BEING CURTAINWALL SYSTEM. TOP @ EL. 33'-11 1/2". ATTACH TO CURTAINWALL SYSTEM AS REQUIRED.
 - [F] = CONTINUOUS TS 14x#x# - BOTTOM @ EL. 27'-0" - CONNECT TO COLUMN @ ENDS. RE: 12/29/2011.
 - [G] = CONTINUOUS TS 10x#x# - BOTTOM @ EL. 27'-0" - CONNECT TO COLUMN @ ENDS. RE: 12/29/2011.
 - [H] = W10x0.
 - [I] = CONTINUOUS TS 6x#x# - BOTTOM @ EL. 27'-0" - CENTER TUBE IN STUD WALL. RE: 12/29/2011.
 - [J] = CONTINUOUS TS 6x#x# - BOTTOM @ EL. 27'-0" - HANG UP EACH BEAM W/ TS 8x#x# ANGLES @ TS 2x#x# DIAGONAL END BRACE - SEE ARCH. CONNECTION TO COLUMN @ ENDS.
 - [K] = TS 8x#x# STUD WELDED TO COLUMN W/ #4 FLEET WELD ALL AROUND. ALSO PROVIDE 2x#x# STUD W/ 2" O.C. AND HANGER WALL SMOOTH TO DETAIL 8/29/2011. OFFSET 1" FROM CONTINUOUS COLUMN @ ENDS.
 - [L] = CONTINUOUS 10x#x# IN PLANE OF STUD WALL. BOTTOM @ EL. 30'-0" - CONNECT TO COLUMN @ ENDS.
 - [M] = TS 8x#x# WELDED UNDER BOTTOM FLANGE OF W#1/2 AND HANG UP TO BOTTOM FLANGE OF W#1 W/ TS 2x#x#/4 ANGLE W/ VERTICAL WALL BRACE.
 - [N] = 2" x 2" STUD PIPE @ 8" O.C. LOCATE TOP OF PIPE 2" BELOW TOP FLANGE OF BEAM. WELD ALL AROUND.
 - [O] = RIGID WEBS STRONGER - FULL PENN. BUTT WELDS @ ENDS - SEE ARCH. FOR GEOMETRY, BEAM AND DIAGONAL SUPPORT PLATES, ETC.
 - [P] = CONTINUOUS TS 6x#x# - WELD TO BOTTOM OF EACH [O] MEMBER ALL AROUND.
 - [Q] = 2" x 2" STUD PIPE DIAGONAL BRACE. TOP OF PIPE 2" BELOW TOP FLANGE OF BEAM. WELD ALL AROUND. GAP 1" GAP FROM [P] MEMBER @ ENDS.
 - [R] = CONTINUOUS TS 6x#x# - BOTTOM @ EL. 30'-0" - CENTER TUBE IN STUD WALL. RE: 12/29/2011.
 - [S] = TS 4x#x# POST FROM W18 TO W21 - WELD ALL AROUND.
- NOTE A:**
MEMBERS THE TOTAL NUMBER OF #4x#x# SHEAR STUDS TO BE EQUALLY SPACED ON THE BEAM BETWEEN ITS SUPPORT POINTS - SEE GEOM. NOTES.
- NOTE B:**
#4 STRUCTURAL LIGHTWEIGHT CONCRETE SLAB W/ W# 8x#x# W/2'S OR EQUIVALENT ON LOWER BASE CONCRETE SLAB. PROVIDE 10#x# W/2' CONCRETE WALL 3 SIDED REINFORCED W/ 2 #2 TOP & BOTTOM CONTINUOUS. TOP OF SLAB @ EL. 36'-0". SEE ARCH. DRAWINGS FOR SLAB LIMITS.
- NOTE C:**
PROVIDE #2 @ 4" LONG REBAR @ 18" O.C. LOCATED 1" GAP FROM TOP OF SLAB BETWEEN COLUMN LINES 14 & 06.
- NOTE:**
ALL BEAMS & GIRDERS CONTAINING SHEAR STUDS SHALL BE SPACED @ 8" O.C. FROM END OF WOOD POST OR STEEL SHORES, UNTIL CONCRETE FULL ON METAL DECK BEHIND A MINIMUM 2" DEEP FOR SHORES TO EXTEND TO TWO LEVELS BELOW LEVEL BEING PLACED.
- NOTE:**
ALL W# STEEL MEMBERS SHALL BE ASTM A572 - GRADE 50 OR ASTM A588.
- NOTE:**
PROVIDE 2x#x# FRAME AROUND ALL FLOOR/ROOF OPENINGS LARGER THAN 6" x 6" @ ALL ROOF DRAINS.
- NOTE:**
EQUALLY SPACE BEAMS - U.N.D.
- NOTE:**
PROVIDE TS 8x#x#/9 GAGE WALL COLUMN SUPPORTS @ VERTICAL ENDS OF EQUATORS - ATTACH TO STRUCTURE AS REQUIRED.
- NOTE:**
ALL UNMARKED BEAMS SHALL BE TAKEN AS W18x26.
- NOTE:**
PROVIDE #4 BENT CLOSURE PLATE AROUND PERIMETER OF ALL FLOOR/ROOF EDGES AND OPENINGS. SEE ARCH. DRAWINGS FOR LOCATION OF ALL FLOOR/ROOF EDGES.

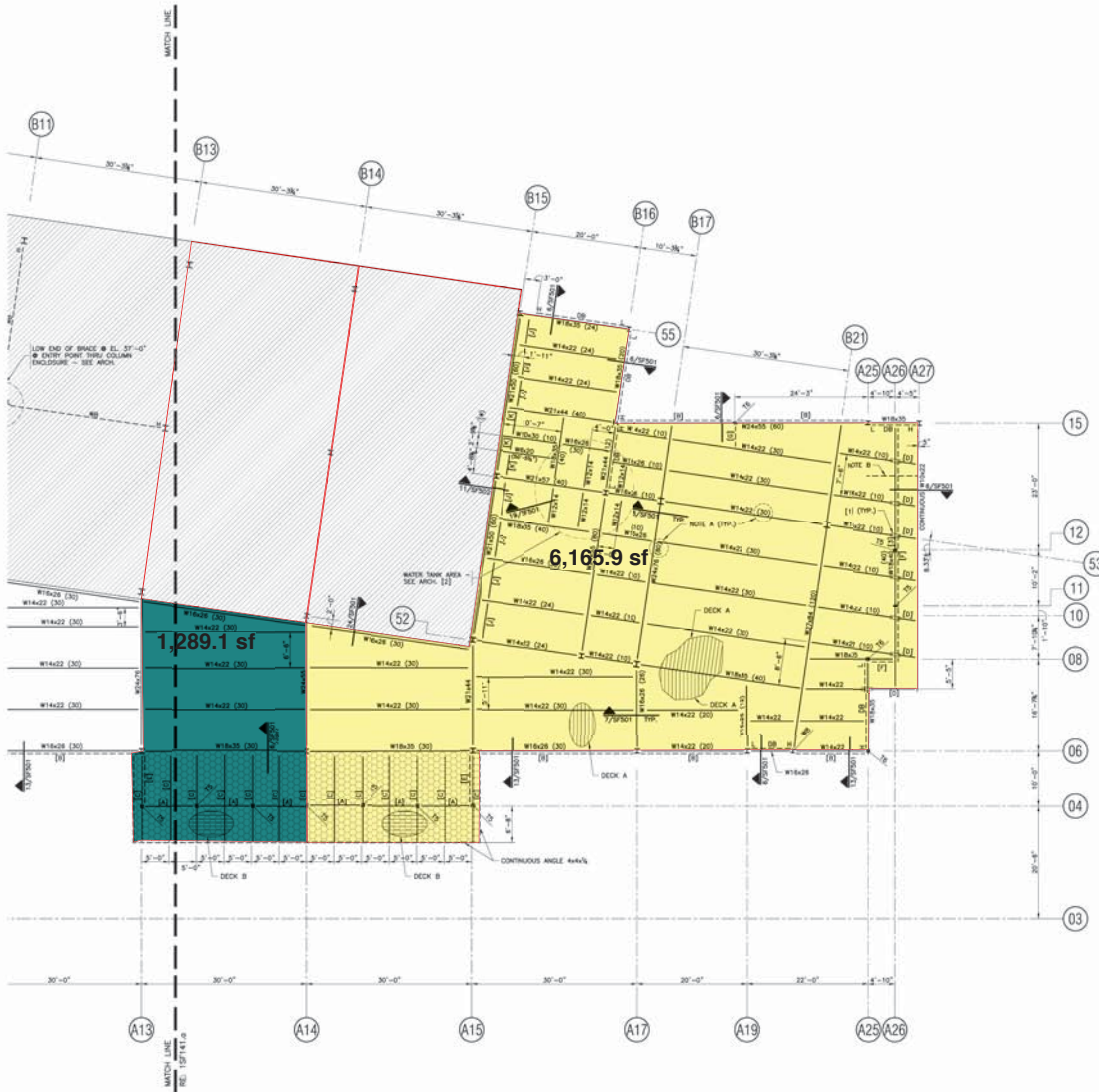
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MAY 17, 2011
 D. DEVILLE
 MAY 17, 2011
 SF 131.a

1 THIRD FLOOR AND SECOND FLOOR ROOF FRAMING PLAN
 1/8" = 1'-0"
 (T.O.S. @ EL. 36'-3 3/4" - U.N.D.)



MEMBER & ABBREVIATION LEGEND & NOTES

55 = TS 8x4x4x 1/4" BRACE @ CENTERLINE OF COLUMN WELD TO COLUMN WITH 1/4" FILLET WELD ALL AROUND. USE 3/8" GUSSET PLATE WITH MINIMUM 8" GRAB ONTO TUBE @ COLUMN WEB CONNECTION.

DECK A = 55'-3000 PSI STRUCTURAL LIGHTWEIGHT CONCRETE 4" W/ 1/2" DIA. REBAR'S ON GALVANIZED 20-GAUGE GAGE COMPOSITE METAL DECK - SEE ARCH. DRAWINGS FOR DEFINITION OF ROOF EDGES. E.C.C. @ EL. 3'-3".

DECK B = GALVANIZED 1.58-22 GAGE GRD METAL DECK.

TS = TS 8x4x4x COLUMN TO BEAM BELOW.

TSB = TS 8x4x4x COLUMN TO BEAM BELOW.

FR = TYPICAL.

T.O.C. = TOP OF CONCRETE.

T.O.S. = TOP OF STEEL.

U.N.D. = UNLESS NOTED OTHERWISE.

H = HIGH END OF BRACE.

L = LOW END OF BRACE.

WB = WB41 POST TO W24 BEAM BELOW.

(A) = W14x22 TOP @ EL. 48'-00" PROVIDE BRICE OF TS 8x4x4x STEEL EDGE TOP OF THIS BEAM TO BOTTOM OF COLUMN @ ENDS. SEE 11/25/01.

(B) = CONTINUE TS 14x14 @ BOTTOM @ EL. 48'-00" - CONNECT TO COLUMNS @ ENDS. SEE 11/25/01.

(C) = SLOPING WB41 TOP OF BEAM @ EL. 50'-00" @ COLUMN LINE OR END EL. 48'-00" @ END OF CONTROLLER. REST ON 3/4" COL. OR 2" TS 8x4x4x STUD ON TOP OF MEMBER (A) AS APPLICABLE. CUT END OF CONTROLLER TO SUIT ARCH. DETAILS.

(D) = W16x22.

(E) = TS 8x4x4 @ CENTERLINE OF COLUMN - TOP @ EL. 47'-3" - CONNECT TO COLUMN @ ENDS.

(F) = CONTINUE TS 8x4x4 ON FLAT ABOVE SLAB. BOTTOM @ EL. 48'-00" - WELD UP TO EACH BEAM ABOVE AND BRACE TO W18x28 SIMILAR TO DETAIL 6/27/00 USING TS 8x4x4x HANGING. SEE ARCH. FOR LATERAL POSITIONING.

(G) = TS 4x4x4 KICKER BRACE FROM 3" ABOVE CEILING @ COLUMN TO TOP FLANGE OF ADJACENT BEAM. WELD ALL AROUND.

(H) = W12x14.

(I) = PLATE 3/4"x11'-2" WELDED TO TOP FLANGE OF BEAMS W/ 1/4" FILLET WELD ALL AROUND.

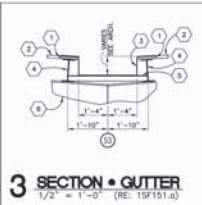
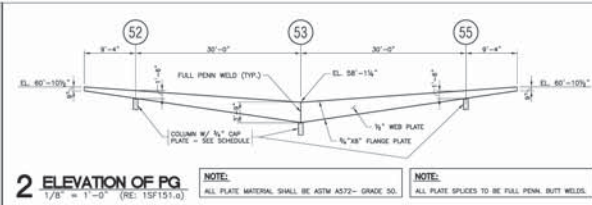
(J) = PROVIDE 3" THICK - 3500 PSI STRUCTURAL LIGHTWEIGHT CONCRETE PAD ON EXTENSION UNDER TRIM ON TOP OF BASE SLAB. REINFORCE W/ #4 @ 10" O.C.E.M. 3" FROM TOP OF SLAB. EXTEND PAD 6" BEYOND WALL OF TRIM - 1/2" PAD - CHAMFER TOP EDGE OF PAD. (END 1/25/01) WATER TANK AND CONCRETE PAD PART OF ALTERNATE #1.

(K) = CUT AND TAPE BOTTOM FLANGE AS REQUIRED BEYOND COLUMN LINE OR TO FIT IN ARCHITECTURAL SOFFIT. DEPTH @ END TO BE 10".

(L) = VERIFY DIMENSIONS WITH ELEVATOR SUPPLIER.

- NOTE A:**
REPRESENTS THE TOTAL NUMBER OF 8"x4x4" SHEAR STUDS TO BE EQUALLY SPACED ON THE BEAM BETWEEN ITS SUPPORT POINTS - SEE GENERAL NOTES.
- NOTE B:**
PROVIDE #4 @ 8" LONG REBAR @ 18" O.C. LOCATED 1" SLAB FROM TOP OF CONCRETE SLAB BETWEEN COLUMN LINES TO & 6".
- NOTE:**
ALL BEAMS & GIRDERS CONTAINING SHEAR STUDS SHALL BE COVERED @ 48" SPAN. USE 2x4 WOOD POST OR STEEL SHIMMER UNTIL CONCRETE FULL. PER. STUDS TO EXTEND TO TWO LEVELS BELOW LEVEL BEING PLACED.
- NOTE:**
ALL W8 STEEL MEMBERS SHALL BE ASTM A572 - GRADE 50 OR ASTM A992.
- NOTE:**
PROVIDE C25x7 FRAMER AROUND ALL ROOF OPENINGS LARGER THAN 6" x 6" AND @ ALL ROOF EDGES.
- NOTE:**
EQUALLY SPACE BEAMS - U.N.D.
- NOTE:**
PROVIDE 1/4"x1/2" RUSTE BRG. ALL COLUMN SUPPORTS @ VERTICAL WALLS OF COLUMNS - ATTACH TO STRUCTURE AS REQUIRED.
- NOTE:**
PROVIDE 1/2" BEST CLOSURE PLATE AROUND PERIMETER OF ALL ROOF EDGES AND OPENINGS. SEE ARCH. DRAWINGS FOR LOCATION OF ALL ROOF EDGES.
- NOTE:**
ALL UNMARKED BEAMS SHALL BE TAKEN AS W16x26.

1 THIRD FLOOR ROOF FRAMING PLAN
1/8" = 1'-0"
(T.O.S. @ EL. 50'-9 1/2" - U.N.D.)



- KEYNOTES**
- WOOD BLOCKING IN EACH DECK FLUTE DOWN TO BOM.
 - GAUZZED 1.58-22 GADE GRD METAL DECK.
 - CONTINUOUS 'A' BEUT PLATE VARYING DEPTH OUTTER WITH 'T' NESTED LAPS & 3/4" E.C. SEAM WELD ALL BUTT JOINTS TOGETHER - SEE ARCH. FOR OTHER INFORMATION.
 - WELDER BEAM - SEE PLAN.
 - ANGLE 3x3x 1/2" O.C. WELD TO W12 PURLINS - LOWER & HANG UP TO W12 & DECK EDGE OF GUTTER AS REQUIRED.
 - PLATE GRIDS BEYOND - SEE PLAN.

MEMBER & ABBREVIATION LEGEND & NOTES

W12 = 12 BAWN SECTION, WIDE BRACE & CENTERLINE OF COLUMN WELD TO COLUMN WITH 1/2" FLEET WELD ALL AROUND. USE 1/2" GUSSET PLATE WITH WINKER 8" GRAD INTO TUBE & COLUMN WEB CONNECTION.

DECK A = GALVANIZED 1.58-22 GADE GRD METAL DECK

TR = TYPICAL

U.O.C. = UNLESS NOTED OTHERWISE

O/T = OUTSIDE FACE

H = HIGH END OF BRACE 8" BELOW CEILING LINE & PROJECTED FACE OF COLUMN ENCLOSURE - SEE ARCH.

L = LOW END OF BRACE @ EL. 27'-0" - SEE 15F14.4

PS = 1/4" THICK PLATE GRIDS MADE OF 1/2" WEB PLATE AND 1/4" FLANGE PLATES CONTINUOUSLY WELDED TOGETHER WITH 1/2" FLEET WELD EACH SIDE OF WEB. MEMBER DEPTH IS 40" ON COLUMN LINE 53 AND 18" ON COLUMN LINES 52 AND 55 AND 8" AT END OF GUTTER. RE: 15F151.6

[A] = IS 1/4" DIA. ABOVE CURTAINWALL SYSTEM. BOTTOM OF TUBE @ EL. 59'-4". CONNECT INTO WEB OF PLATE GRIDER (PG).

[B] = CONTINUOUS TS 14x14x4 IN PLANE OF STUD WALL. TOP @ EL. 52'-4" - CONNECT TO COLUMN W/ ASTM STEEL TS 14x14x4 WELDED W/ 1/2" FLEET WELD ALL AROUND.

[C] = CONTINUOUS TS 8x8x4 ON FLAT 1/2" ABOVE HEAD OF GLASS - RE: 6/3/2003

[D] = IS 1/4" DIA. ABOVE CURTAIN WALL SYSTEM. BOTTOM @ ELEVATION 59'-11". CONNECT INTO WEB OF PLATE GRIDER (PG).

[E] = THIS DIMENSION IS HORIZONTAL DIMENSION TO CENTERLINE OF BEAM @ TOP OF PLATE GRIDER.

NOTE:
ALL W12 STEEL MEMBERS SHALL BE ASTM A572 - GRADE 50 OR ASTM A588.

NOTE:
EQUALLY SPACE BEAMS - U.O.C.

NOTE:
W12 PURLIN MEMBERS BEAR ON TOP OF PLATE GRIDER AND ARE CALLED TO MATCH ROOF SLOPE.

