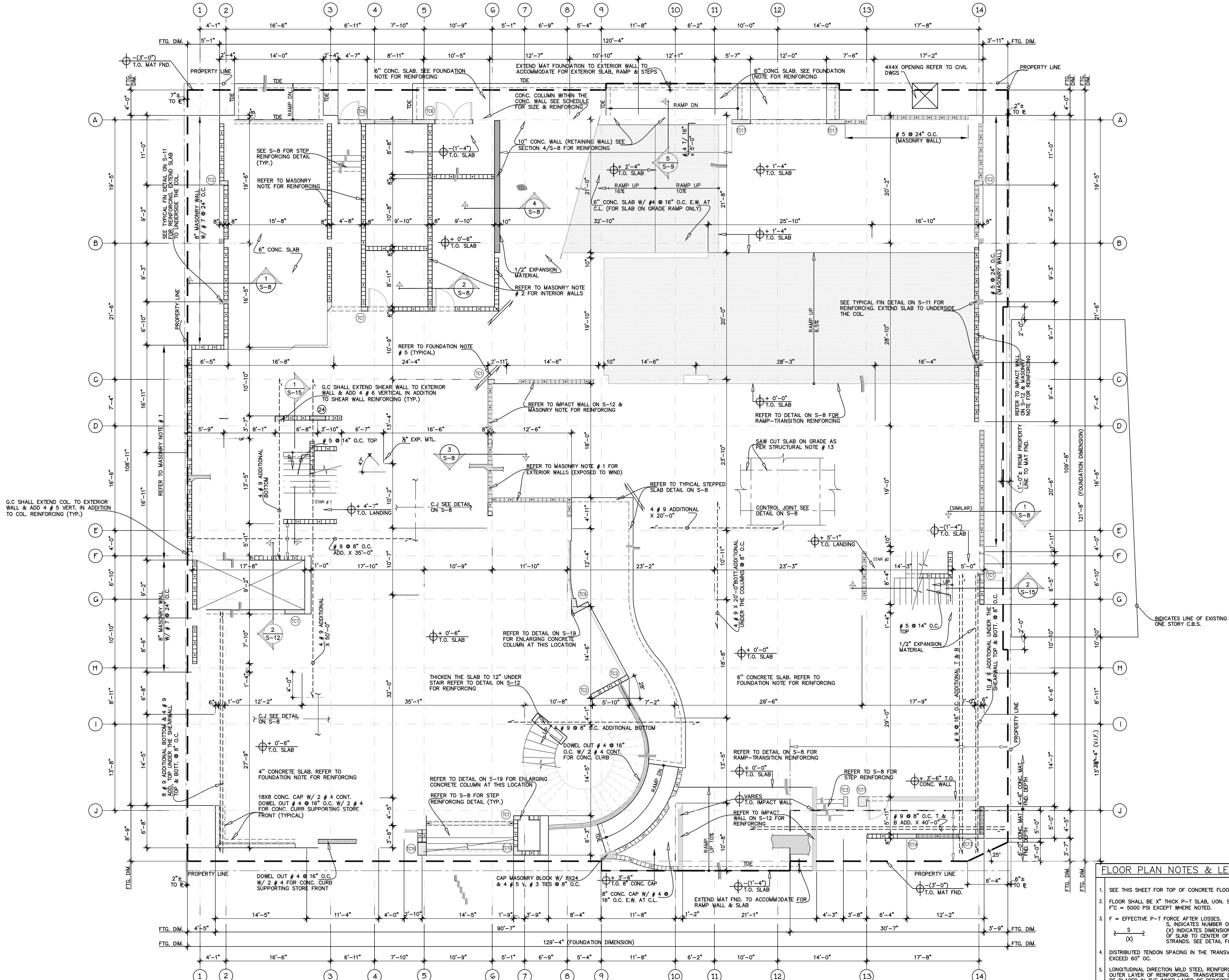

FOUNDATION PLAN

SCALE: 1/8" = 1'-0" (Fc= 4000 PSI) -(3'-0") T.O. MAT FOUNDATION

MASONRY REINFORCING:

ALL CONCRETE BLOCK TO BE 8X8X16 WITH MIN. COMPRESSIVE STRENGTH OF F'm=1500 PSI. SEE FRAMING PLAN FOR LOCATION LOCATIONS WHERE NOTE # 1 AND NOTE # 2 APPLY. FILL CELLS WITH CEMENT GROUT. WET CELLS BEFORE PLACING GROUT, RE-CONSOLIDATE EACH LIFT AT MAX. OF 4'-0", WITH LOW VELOCITY 3/4ø MECHANICAL VIBRATOR. REFER TO TYPICAL FILL CELL MASONRY DETAIL. PLACE ONE BAR AT EACH SIDE OF ALL MASONRY OPENINGS, PLACE ADDITIONAL BAR FOR EVERY INCREMENT EXCEEDING INDICATED SPACING. REFER TO TYPICAL CORNER DETAIL FOR ADDITIONAL REINFORCING. PROVIDE HORIZONTAL REINFORCING # 9 GAGE LADDER TYPE EVERY OTHER COURSE THRU-OUT ALL MASONRY WALLS.
(DO NOT USE PEAROCK PUMP MIX CONCRETE FOR MASONRY WALLS)

MASONRY NOTE # 1:
USE # 5 @ 24" O.C. W/ MIN. 30" LAP (MASONRY WALL EXPOSED TO WIND U.O.N. ON FRAMING PLAN)

MASONRY NOTE # 2:
USE # 5 @ 40" O.C. W/ MIN. 30" LAP FOR ALL INTERIOR WALLS NOT EXPOSED TO WIND (U.O.N. ON FRAMING PLAN)

NOTE:
FOR IMPACT WALL AT THE GARAGE AREA USE 8" CONCRETE WALL WITH # 5 @ 8" O.C AT CENTER LINE AND # 4 @ 14" O.C HORIZONTAL. REFER TO DETAIL ON S-12 FOR ADDITIONAL INFORMATION

FOUNDATION NOTES:

1. SLAB TO BE 4" & 6" THICK W/ 6X6-W1.4XW1.4 W.W.F. SUPPORTED ON SLAB BOOSTER @ 3'-0" O.C. ON 6 MIL. VAPOR BARRIER ON 95% OF MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557
2. TOP OF SLAB = + 0'-0" (U.O.N.) TOP OF WALL & COL. MAT FOUNDATION = -(3'-0") BELOW PROPOSED GRADE (U.O.N)
3. PROVIDE BEND BARS FOR ALL TOP & BOTTOM REINFORCING AT ALL CORNERS
4. CENTER LINE OF FOOTING AND WALLS , COLUMNS MUST LINE UP U.O.N.
5. PROVIDE 2 # 4 X 4'-0" LONG AT MID DEPTH OF CONC. SLAB AT ALL REENTRANT CORNERS (TYPICAL)
6. DISCONTINUOUS EDGES OF ALL SLAB SHALL HAVE 8X12 TDE WITH 2 # 5 CONT. U.O.N.

MAT FOUNDATION REINFORCEMENT

54" DEEP MAT FOUNDATION + 6" CLEAR COVER FOR BOTTOM STEEL (U.O.N) W/ # 9 @ 10" TOP E.W. & # 9 @ 8" BOTTOM EACH WAY. PROVIDE 90° HOOKS FOR TOP & BOTTOM REINF. REFER TO FOUNDATION PLAN FOR ADDITIONAL REINFORCING.

THRESHOLD BUILDING

TO THE BEST OF MY KNOWLEDGE THIS PLANS COMPLY WITH THE MINIMUM STANDARDS OF THE FLORIDA BUILDING CODE, 2007 EDITION.

COORDINATION NOTE

GENERAL CONTRACTOR TO COORDINATE ALL VERTICAL AND HORIZONTAL DIMENSIONS AND ALL MATERIALS AND FINISHES WITH ARCHITECT DRAWINGS (DO NOT PROCEED WITH WORK UNLESS ALL DIMENSIONS & ELEVATIONS HAVE BEEN CHECKED AND VERIFIED WITH ARCHITECTURAL DRAWINGS)

FLOOR PLAN NOTES & LEGEND

1. SEE THIS SHEET FOR TOP OF CONCRETE FLOOR ELEVATION, THUS: + XX'-X"
2. FLOOR SHALL BE X" THICK P-T SLAB, UON. SLAB AND BEAMS SHALL BE F'C = 5000 PSI EXCEPT WHERE NOTED.
3. F = EFFECTIVE P-T FORCE AFTER LOSSES. S (X): S, INDICATES NUMBER OF STRANDS, 1S=27KIPS (X) INDICATES DIMENSION IN INCHES FROM BOTTOM OF SLAB TO CENTER OF GRAVITY OF POST-TENSIONED STRANDS. SEE DETAIL FOR ADDITIONAL DATA.
4. DISTRIBUTED TENDON SPACING IN THE TRANSVERSE DIRECTION SHALL NOT EXCEED 60" OC.
5. LONGITUDINAL DIRECTION MILD STEEL REINFORCING SHALL BE PLACED IN THE OUTER LAYER OF REINFORCING. TRANSVERSE DIRECTION REINFORCING SHALL BE PLACED IN THE INNER LAYER OF REINFORCING.
6. SEE ARCHITECTURAL DRAWINGS FOR OPENING LOCATIONS, DIMENSIONS, AND SLAB DEPRESSIONS ETC. NOT SHOWN.
7. SEE SHEET S-22 FOR REINFORCING AROUND OPENINGS IN POST-TENSION SLAB.
8. FOR TYPICAL DETAILS NOT REFERENCED, SEE SHEET S-11 FOR GENERAL NOTES, SEE SHEET S-20
9. ADDED TENDON PROFILES SHALL MATCH MAIN TENDON PROFILE, UNO.
10. PROVIDE A MINIMUM 2-TENDONS OVER COLUMNS IN EACH DIRECTION.
11. SEE GENERAL CONSTRUCTION DETAILS ON SHEET S-11 FOR BALCONY EDGE DETAILS AND RAILING DETAILS.
12. SEE SHEET S-21 & S-22 FOR TENDON PLACEMENT IN SPANS OF VARYING LENGTH.
13. SEE SHEET S-21 & S-22 FOR TENDON PLACEMENT HORIZONTAL TOLERANCE.
14. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMPING AND EQUIPMENT DWG's LAYOUT, QUANTITIES, AND DIMENSIONS.
15. INDICATES ADDITIONAL TOP & BOTT, REINFORCEMENT
5 @ X" INDICATES TOP REINFORCEMENT
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TOP TO BOTTOM / BOTT. TO TOP
16. (TC1) INDICATES LOCATION OF TIE COLUMNS, SEE SHEET S-19 FOR SCHEDULE.
17. INDICATES LOCATION OF CONCRETE SUPPORT BELOW.
18. INDICATES 3/4" RECESS IN SLAB. CRANK TOP BARS @ RECESS. (U.O.N ON FRAMING PLAN)
19. SR-X INDICATES LOCATION OF SHEARHEADS, SEE CURRENT SHEET FOR DESIGNATION. SEE SHEET S-11 FOR SHEARHEAD GENERAL NOTES AND DETAILS.
20. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS BEFORE PROCEEDING WITH WORK, AND REPORT ANY DEVIATION TO THE ENGINEER AND ARCHITECT FOR POSSIBLE ADJUSTMENT.
21. INDICATES 8" IN FILL MASONRY WALL (NON BEARING) SEE MASONRY NOTE FOR REINFORCING
22. INDICATES COLUMN, REFER TO SCHEDULE FOR SIZE & REINFORCING.
INDICATES COLUMN BELOW THIS LEVEL, SEE SCHEDULE FOR SIZE & REINFORCING.
INDICATES COLUMN ABOVE THIS LEVEL, SEE SCHEDULE FOR SIZE & REINFORCING.
23. INDICATES 8X8 W/ 2 # 5 VERTICAL, & # 3 HAIR PINS @ 12" O.C.
24. ALL BOTTOM STEEL IS FULL LENGTH. (COLUMN TO COLUMN)

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DESIGN INSPECTION RESTORATION SUPERVISION

PROPOSED HOTEL BUILDING

FOUR POINTS by SHERATON HOTEL

3861 SW BIRD ROAD
MIAMI, FLORIDA

DATE:
04-29-2009

REVISIONS:

PROJECT No.
2009-05

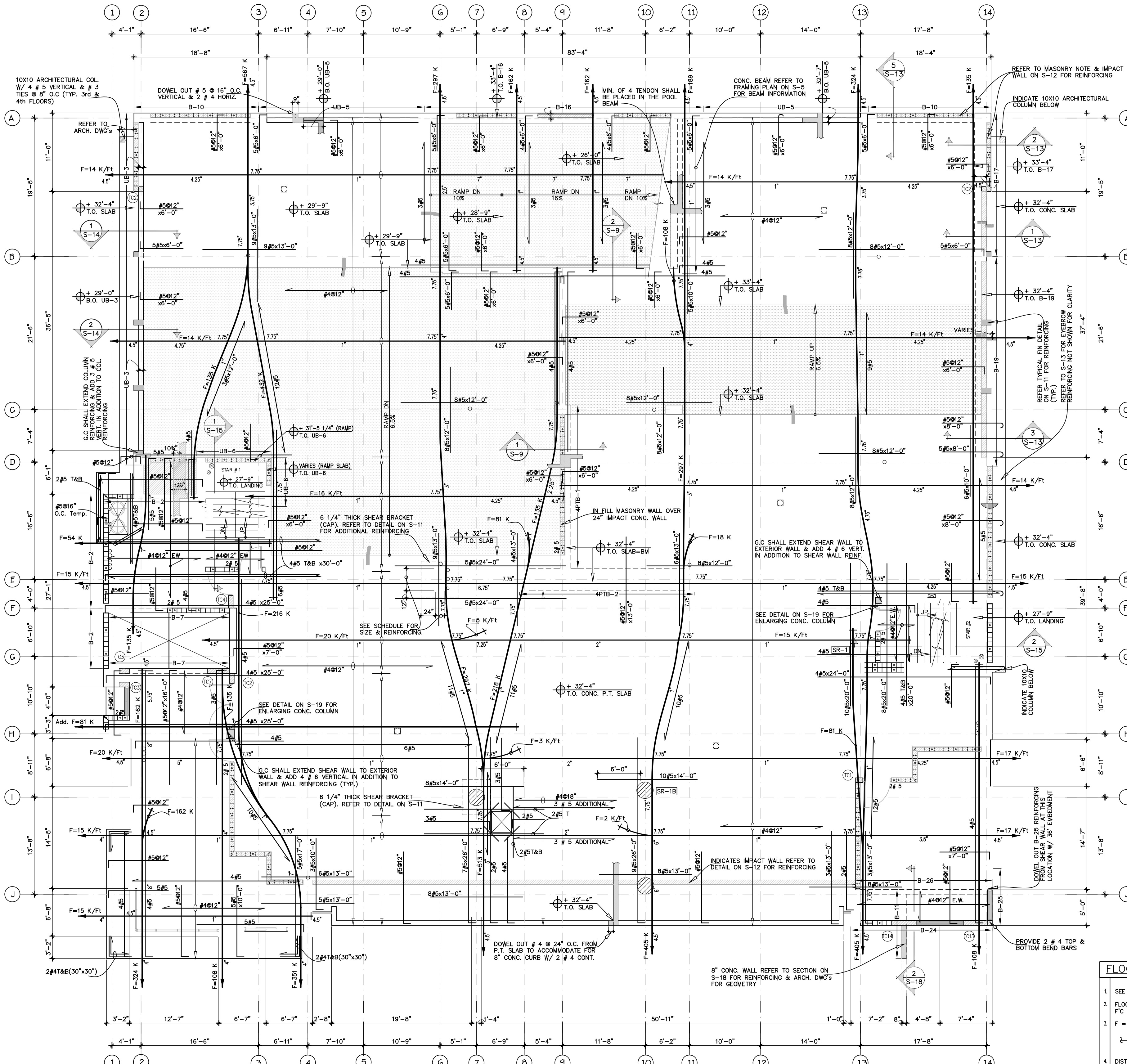
DRAWN BY:
L.A.

CHECKED BY:
H.V.

SCALE:
AS SHOWN

SHEET No.

S-1
OF
S-22



FOURTH FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

+ 32'-4" (9" P.T. SLAB Fc= 5000 PSI)

NOTE:
REFER TO S-11 FOR SHEAR HEAD SCHEDULE & DETAILS

MASONRY REINFORCING:

ALL CONCRETE BLOCK TO BE 8 X 8 X 16 WITH MIN. COMPRESSIVE STRENGTH OF F'm=1500 PSI. PROVIDE 1-NO.5 IN C.L. OF MASONRY AT MAX. SPACING OF 48" O.C. (U.O.N.) FILL CELLS WITH CEMENT GROUT. WET CELLS BEFORE PLACING GROUT, RE-CONSOLIDATE EACH LIFT AT MAX. OF 4'-0", W/ LOW VELOCITY 3/4ø MECHANICAL VIBRATOR. REFER TO TYPICAL FILL CELL MASONRY DETAIL. PLACE ONE BAR AT EACH SIDE OF ALL MASONRY OPENINGS, PLACE ADDITIONAL BAR FOR EVERY INCREMENT EXCEEDING INDICATED SPACING. REFER TO TYPICAL CORNER DETAIL FOR ADDITIONAL REINFORCING PROVIDE HORIZONTAL REINFORCING # 9 GAGE LADDER TYPE EVERY OTHER COURSE THRU-OUT ALL MASONRY WALLS.
(DO NOT USE PEAROCK PUMP MIX CONCRETE FOR MASONRY WALLS)

NOTE:
1) FOR IMPACT WALL AT THE GARAGE AREA USE 8" CONCRETE WALL WITH # 5 @ 8" O.C AT CENTER LINE AND # 4 @ 14" O.C HORIZONTAL. REFER TO DETAIL ON S-12 FOR ADDITIONAL INFORMATION.
2) FOR OPENING SMALLER THAN 16" REFER TO DETAIL ON S-22 FOR ADDITIONAL REINFORCING NOT SHOWN ON FRAMING PLAN

COORDINATION NOTE

GENERAL CONTRACTOR TO COORDINATE ALL VERTICAL AND HORIZONTAL DIMENSIONS AND ALL MATERIALS AND FINISHES WITH ARCHITECT DRAWINGS (DO NOT PROCEED WITH WORK UNLESS ALL DIMENSIONS & ELEVATIONS HAVE BEEN CHECKED AND VERIFIED WITH ARCHITECTURAL DRAWINGS)

FLOOR PLAN NOTES & LEGEND

1. SEE THIS SHEET FOR TOP OF CONCRETE FLOOR ELEVATION, THUS: + XX'-X"
2. FLOOR SHALL BE X" THICK P-T SLAB, UON. SLAB AND BEAMS SHALL BE F'C = 5000 PSI EXCEPT WHERE NOTED.
3. F = EFFECTIVE P-T FORCE AFTER LOSSES.
   S, INDICATES NUMBER OF STRANDS, 1S=27KIPS
   (X) INDICATES DIMENSION IN INCHES FROM BOTTOM OF SLAB TO CENTER OF GRAVITY OF POST-TENSIONED STRANDS. SEE DETAIL FOR ADDITIONAL DATA.
4. DISTRIBUTED TENDON SPACING IN THE TRANSVERSE DIRECTION SHALL NOT EXCEED 60" OC.
5. LONGITUDINAL DIRECTION MILD STEEL REINFORCING SHALL BE PLACED IN THE OUTER LAYER OF REINFORCING. TRANSVERSE DIRECTION REINFORCING SHALL BE PLACED IN THE INNER LAYER OF REINFORCING.
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   FOR GENERAL NOTES, SEE SHEET S-20
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10. PROVIDE A MINIMUM 2-TENDONS OVER COLUMNS IN EACH DIRECTION.
11. SEE GENERAL CONSTRUCTION DETAILS ON SHEET S-11 FOR BALCONY EDGE DETAILS AND RAILING DETAILS.
12. SEE SHEET S-21 & S-22 FOR TENDON PLACEMENT IN SPANS OF VARYING LENGTH.
13. SEE SHEET S-21 & S-22 FOR TENDON PLACEMENT HORIZONTAL TOLERANCE.
14. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMPING AND EQUIPMENT DWG's LAYOUT, QUANTITIES, AND DIMENSIONS.
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21. INDICATES 8" IN FILL MASONRY WALL (NON BEARING) SEE MASONRY NOTE FOR REINFORCING
22. INDICATES COLUMN, REFER TO SCHEDULE FOR SIZE & REINFORCING.
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23. INDICATES 8X8 W/ 2 # 5 VERTICAL, & # 3 HAIR PINS @ 12" O.C.
24. ALL BOTTOM STEEL IS FULL LENGTH. (COLUMN TO COLUMN)

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PROPOSED HOTEL BUILDING

FOUR POINTS by SHERATON HOTEL

3861 SW BIRD ROAD
MIAMI, FLORIDA

DATE: 04-29-2009

REVISIONS:

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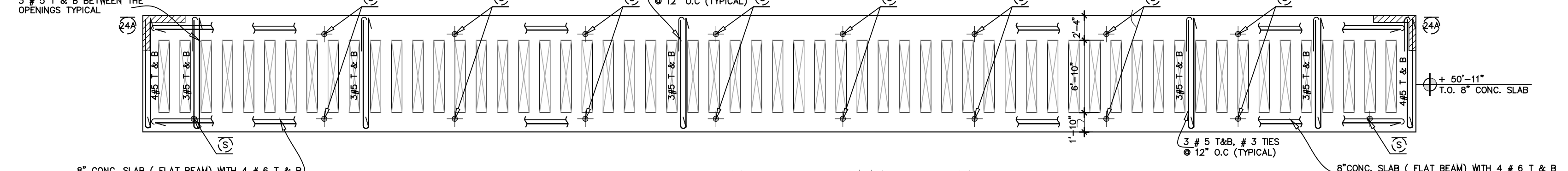
SCALE: AS SHOWN

SHEET No.



FIFTH FLOOR ROOF CANOPY FRAMING PLAN + 50'-11" (8" CONC. SLAB Fc= 5000 PSI)

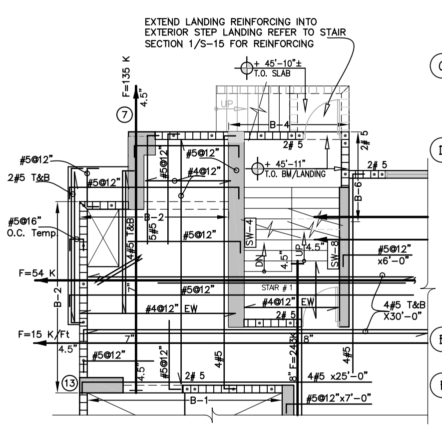
SCALE: 1/8" = 1'-0"

ALL CONCRETE BLOCK TO BE 8 X 8 X 16 WITH MIN. COMPRESSIVE STRENGTH OF F'm=1500 PSI. PROVIDE 1-NO.5 IN C.L. OF MASONRY AT MAX. SPACING OF 48" O.C. (U.O.N.) FILL CELLS WITH CEMENT GROUT. WET CELLS BEFORE PLACING GROUT, RE-CONSOLIDATE EACH LIFT AT MAX. OF 4'-0", W/ LOW VELOCITY 3/4ø MECHANICAL VIBRATOR. REFER TO TYPICAL FILL CELL MASONRY DETAIL. PLACE ONE BAR AT EACH SIDE OF ALL MASONRY OPENINGS, PLACE ADDITIONAL BAR FOR EVERY INCREMENT EXCEEDING INDICATED SPACING. REFER TO TYPICAL CORNER DETAIL FOR ADDITIONAL REINFORCING PROVIDE HORIZONTAL REINFORCING # 9 GAGE LADDER TYPE EVERY OTHER COURSE THRU-OUT ALL MASONRY WALLS.

(DO NOT USE PEAROCK PUMP MIX CONCRETE FOR MASONRY WALLS)

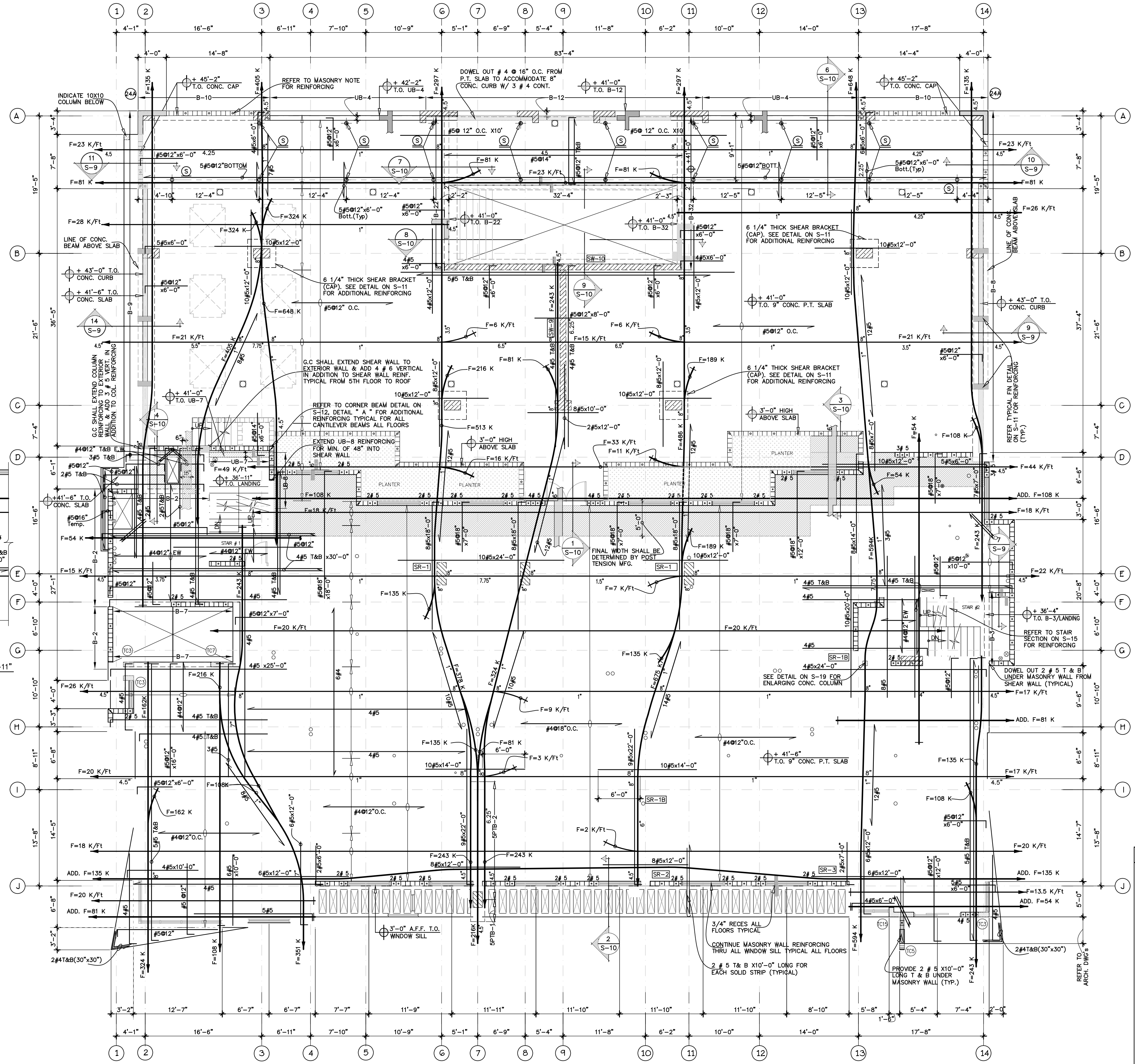
NOTE:

1) FOR OPENING SMALLER THAN 16" REFER TO DETAIL ON S-22 FOR ADDITIONAL REINFORCING NOT SHOWN ON FRAMING PLAN



STAIR AT SIXTH FLOOR PLAN + 50'-11"

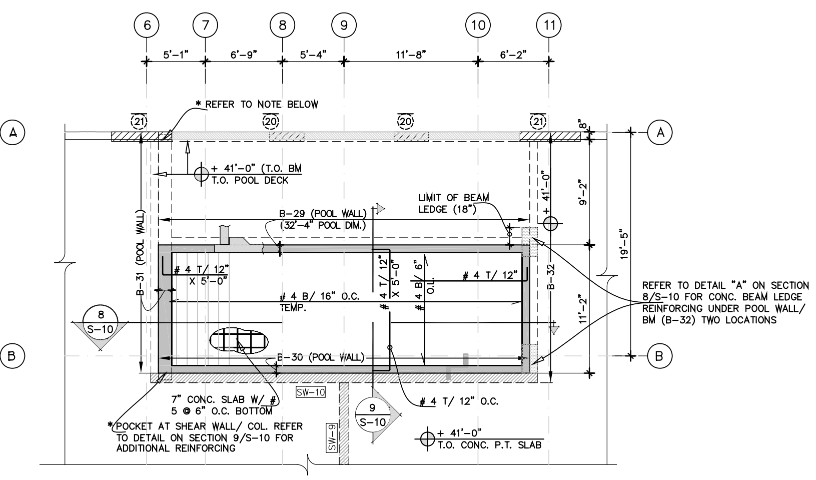
SCALE: 1/8" = 1'-0"



FIFTH FLOOR FRAMING PLAN + 41'-6" (9" P.T. SLAB Fc= 5000 PSI)

SCALE: 1/8" = 1'-0"

NOTE: REFER TO S-11 FOR SHEAR HEAD SCHEDULE & DETAILS



POOL FRAMING PLAN

SCALE: 1/8" = 1'-0" (7" CONC. SLAB Fc= 5000 PSI)

NOTE: REFER TO FRAMING PLAN FOR BEAMS, POOL DECK SLAB AND INFORMATION NOT SHOWN HERE FOR CLARITY

COORDINATION NOTE

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FLOOR PLAN NOTES & LEGEND

1. SEE THIS SHEET FOR TOP OF CONCRETE FLOOR ELEVATION, THUS: + XX'-X"
2. FLOOR SHALL BE X" THICK P-T SLAB, UON. SLAB AND BEAMS SHALL BE F'C = 5000 PSI EXCEPT WHERE NOTED.
3. F = EFFECTIVE P-T FORCE AFTER LOSSES. S, INDICATES NUMBER OF STRANDS, 1S=27KIPS (X) INDICATES DIMENSION IN INCHES FROM BOTTOM OF SLAB TO CENTER OF GRAVITY OF POST-TENSIONED STRANDS. SEE DETAIL FOR ADDITIONAL DATA.
4. DISTRIBUTED TENDON SPACING IN THE TRANSVERSE DIRECTION SHALL NOT EXCEED 60" OC.
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11. SEE GENERAL CONSTRUCTION DETAILS ON SHEET S-11 FOR BALCONY EDGE DETAILS AND RAILING DETAILS.
12. SEE SHEET S-21 & S-22 FOR TENDON PLACEMENT IN SPANS OF VARYING LENGTH.
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14. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMPING AND EQUIPMENT DWG's LAYOUT, QUANTITIES, AND DIMENSIONS.
15. INDICATES ADDITIONAL TOP & BOTT. REINFORCEMENT; # 5 @ X" INDICATES TOP REINFORCEMENT; # 5 @ X" INDICATES BOTTOM REINFORCEMENT; TOP TO BOTTOM; BOTT. TO TOP
16. INDICATES LOCATION OF TIE COLUMNS, SEE SHEET S-19 FOR SCHEDULE.
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18. INDICATES 3/4" RECESS IN SLAB. CRANK TOP BARS @ RECESS. (U.O.N ON FRAMING PLAN)
19. SR-X INDICATES LOCATION OF SHEARHEADS, SEE CURRENT SHEET FOR DESIGNATION. SEE SHEET S-11 FOR SHEARHEAD GENERAL NOTES AND DETAILS.
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21. INDICATES 8" IN FILL MASONRY WALL (NON BEARING) SEE MASONRY NOTE FOR REINFORCING
22. INDICATES COLUMN, REFER TO SCHEDULE FOR SIZE & REINFORCING. INDICATES COLUMN BELOW THIS LEVEL, SEE SCHEDULE FOR SIZE & REINFORCING. INDICATES COLUMN ABOVE THIS LEVEL, SEE SCHEDULE FOR SIZE & REINFORCING.
23. INDICATES 8X8 W/ 2 # 5 VERTICAL, & # 3 HAIR PINS @ 12" O.C.
24. ALL BOTTOM STEEL IS FULL LENGTH. (COLUMN TO COLUMN)

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DATE: 04-29-2009

REVISIONS:

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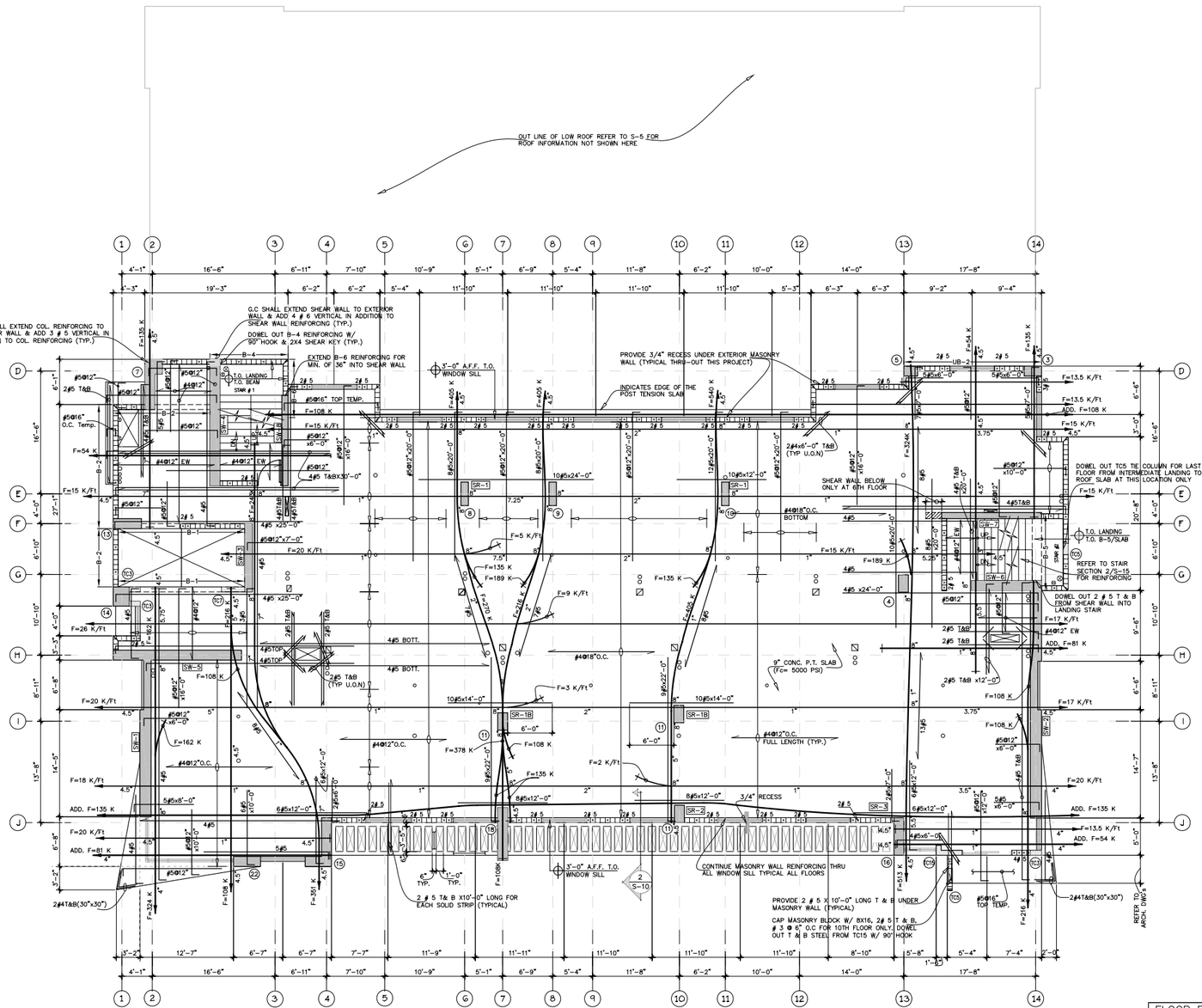
DRAWN BY: L.A.

CHECKED BY: H.V.

SCALE: AS SHOWN

SHEET No.

S-5 OF S-22



+ 88'-7" TENTH FLOOR SLAB
+ 79'-2" NINTH FLOOR SLAB
+ 69'-9" EIGHTH FLOOR SLAB
+ 60'-4" SEVENTH FLOOR SLAB
+ 50'-11" SIXTH FLOOR SLAB

SIXTH, SEVENTH, EIGHTH, NINTH & TENTH FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0" (9" P.T. SLAB Fc= 5000 PSI)

NOTE:
REFER TO S-11 FOR SHEAR HEAD SCHEDULE & DETAILS

MASONRY REINFORCING:

ALL CONCRETE BLOCK TO BE 8 X 8 X 16 WITH MIN. COMPRESSIVE STRENGTH OF F'm=1500 PSI. PROVIDE 1-NO.5 IN C.L. OF MASONRY AT MAX. SPACING OF 48" O.C. (U.O.N.) FILL CELLS WITH CEMENT GROUT. WET CELLS BEFORE PLACING GROUT, RE-CONSOLIDATE EACH LIFT AT MAX. OF 4'-0", W/ LOW VELOCITY 3/4# MECHANICAL VIBRATOR. REFER TO TYPICAL FILL CELL MASONRY DETAIL. PLACE ONE BAR AT EACH SIDE OF ALL MASONRY OPENINGS, PLACE ADDITIONAL BAR FOR EVERY INCREMENT EXCEEDING INDICATED SPACING. REFER TO TYPICAL CORNER DETAIL FOR ADDITIONAL REINFORCING PROVIDE HORIZONTAL REINFORCING # 9 CAGE LADDER TYPE EVERY OTHER COURSE THRU-OUT ALL MASONRY WALLS.

(DO NOT USE PEAROCK PUMP MIX CONCRETE FOR MASONRY WALLS)

NOTE:
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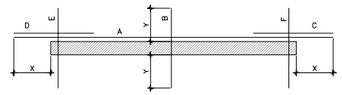

A	8 # 5 @ 12" T & B	FOR 9" POST TENSION SLAB
B	# 5 @ 12"	FOR 9" POST TENSION SLAB
C, D, E, F	TOP BARS 10'-0" LONG MIN.	ADDITIONAL TOP REINFORCING SHOWN IN PLAN
X, Y	5'-0" OR Lc/6	WHICHEVER IS GREATER

TYPICAL REINFORCEMENT OVER SHEARWALLS (U.O.N)

N.T.S.

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FLOOR PLAN NOTES & LEGEND

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9. ADDED TENDON PROFILES SHALL MATCH MAIN TENDON PROFILE, UNO.
10. PROVIDE A MINIMUM 2-TENDONS OVER COLUMNS IN EACH DIRECTION.
11. SEE GENERAL CONSTRUCTION DETAILS ON SHEET S-11 FOR BALCONY EDGE DETAILS AND RAILING DETAILS.
12. SEE SHEET S-21 & S-22 FOR TENDON PLACEMENT IN SPANS OF VARYING LENGTH.
13. SEE SHEET S-21 & S-22 FOR TENDON PLACEMENT HORIZONTAL TOLERANCE.
14. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMPING AND EQUIPMENT DWG's LAYOUT, QUANTITIES, AND DIMENSIONS.
15. INDICATES ADDITIONAL TOP & BOTT. REINFORCEMENT; # 5 @ X" INDICATES TOP REINFORCEMENT; # 5 @ X" INDICATES BOTTOM REINFORCEMENT; TOP TO BOTT. / BOTT. TO TOP
16. (TC) INDICATES LOCATION OF TIE COLUMNS, SEE SHEET S-19 FOR SCHEDULE.
17. INDICATES LOCATION OF CONCRETE SUPPORT BELOW.
18. INDICATES 3/4" RECESS IN SLAB. CRANK TOP BARS @ RECESS. (U.O.N ON FRAMING PLAN)
19. SR-X INDICATES LOCATION OF SHEARHEADS, SEE CURRENT SHEET FOR DESIGNATION, SEE SHEET S-11 FOR SHEARHEAD GENERAL NOTES AND DETAILS.
20. GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS BEFORE PROCEEDING WITH WORK, AND REPORT ANY DEVIATION TO THE ENGINEER AND ARCHITECT FOR POSSIBLE ADJUSTMENT.
21. INDICATES 8" W FILL MASONRY WALL (NON BEARING) SEE MASONRY NOTE FOR REINFORCING
22. INDICATES COLUMN, REFER TO SCHEDULE FOR SIZE & REINFORCING.
23. INDICATES COLUMN BELOW THIS LEVEL, SEE SCHEDULE FOR SIZE & REINFORCING. INDICATES COLUMN ABOVE THIS LEVEL, SEE SCHEDULE FOR SIZE & REINFORCING.
24. INDICATES 8X8 W/ 2 #.5 VERTICAL, & # 3 HAIR PINS @ 12" O.C.

ALL BOTTOM STEEL IS FULL LENGTH. (COLUMN TO COLUMN)

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DESIGN INSPECTION RESTORATION SUPERVISION

PROPOSED HOTEL BUILDING
FOUR POINTS by SHERATON HOTEL
3861 SW BIRD ROAD
MIAMI, FLORIDA

DATE:
04-29-2009

REVISIONS:

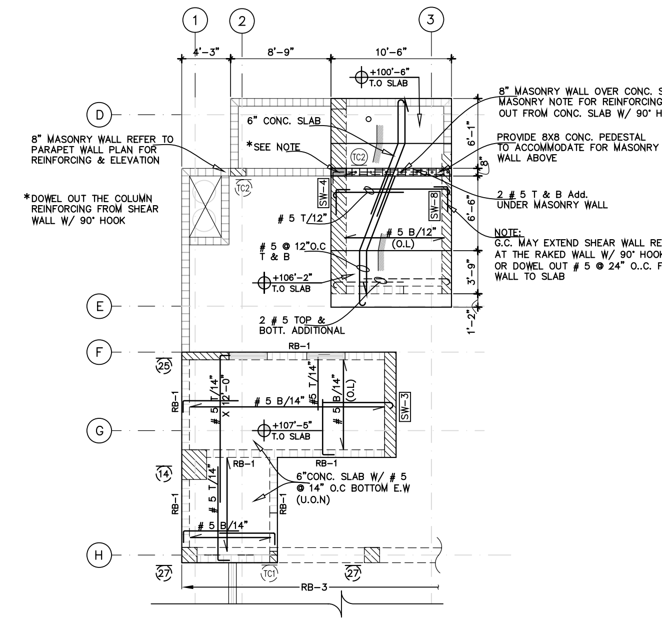
PROJECT No.
2009-05

DRAWN BY:
L.A.

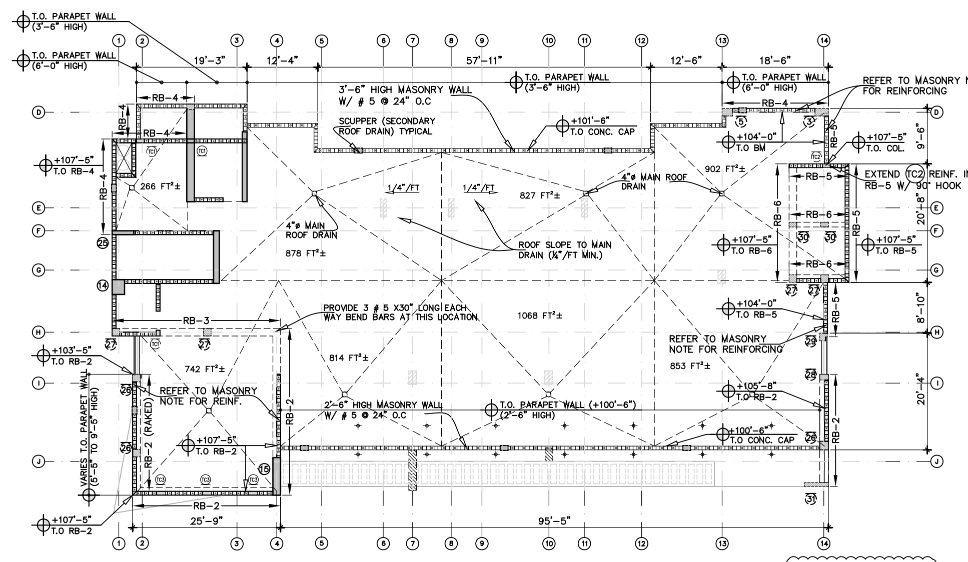
CHECKED BY:
H.V.

SCALE:
AS SHOWN

SHEET No.
S-6
OF
S-22

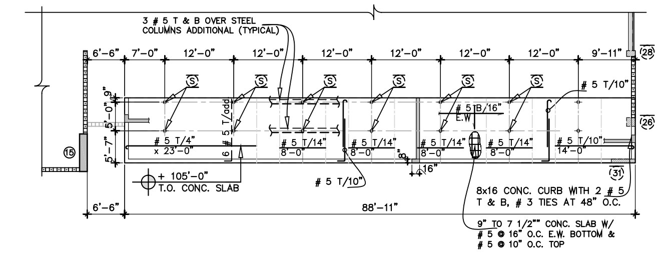


STAIR & ELEVATOR ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



PARAPET WALL FRAMING PLAN
SCALE: 1/16" = 1'-0"

NOTE:
REFER TO P-8 FOR ROOF DRAINAGE & SCUPPER



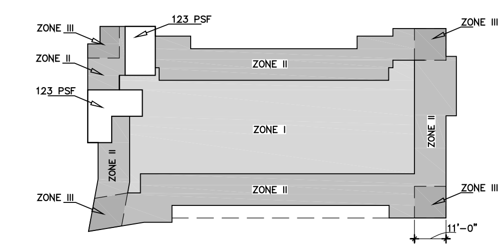
CANOPY FRAMING PLAN
SCALE: 1/16" = 1'-0"

MASONRY REINFORCING:

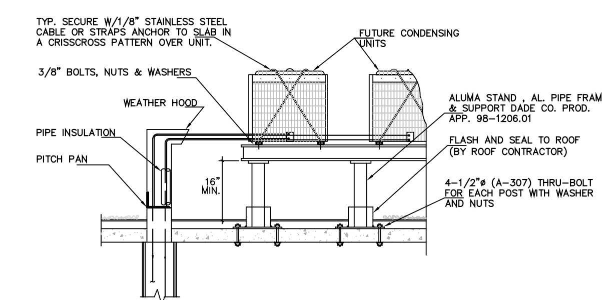
ALL CONCRETE BLOCK TO BE 8 X 8 X 16 WITH MIN. COMPRESSIVE STRENGTH OF F'm=1500 PSI. PROVIDE 1-NO.7 IN C.L. OF MASONRY AT MAX. SPACING OF 16" O.C. (U.O.N.) FILL CELLS WITH CEMENT GROUT. WET CELLS BEFORE PLACING GROUT, RE-CONSOLIDATE EACH LIFT AT MAX. OF 4'-0", W/ LOW VELOCITY 3/4ø MECHANICAL VIBRATOR. REFER TO TYPICAL FILL CELL MASONRY DETAIL. PLACE ONE BAR AT EACH SIDE OF ALL MASONRY OPENINGS, PLACE ADDITIONAL BAR FOR EVERY INCREMENT EXCEEDING INDICATED SPACING. REFER TO TYPICAL CORNER DETAIL FOR ADDITIONAL REINFORCING PROVIDE HORIZONTAL REINFORCING # 9 GAGE LADDER TYPE EVERY OTHER COURSE THRU-OUT ALL MASONRY WALLS.

(DO NOT USE PEAROCK PUMP MIX CONCRETE FOR MASONRY WALLS)

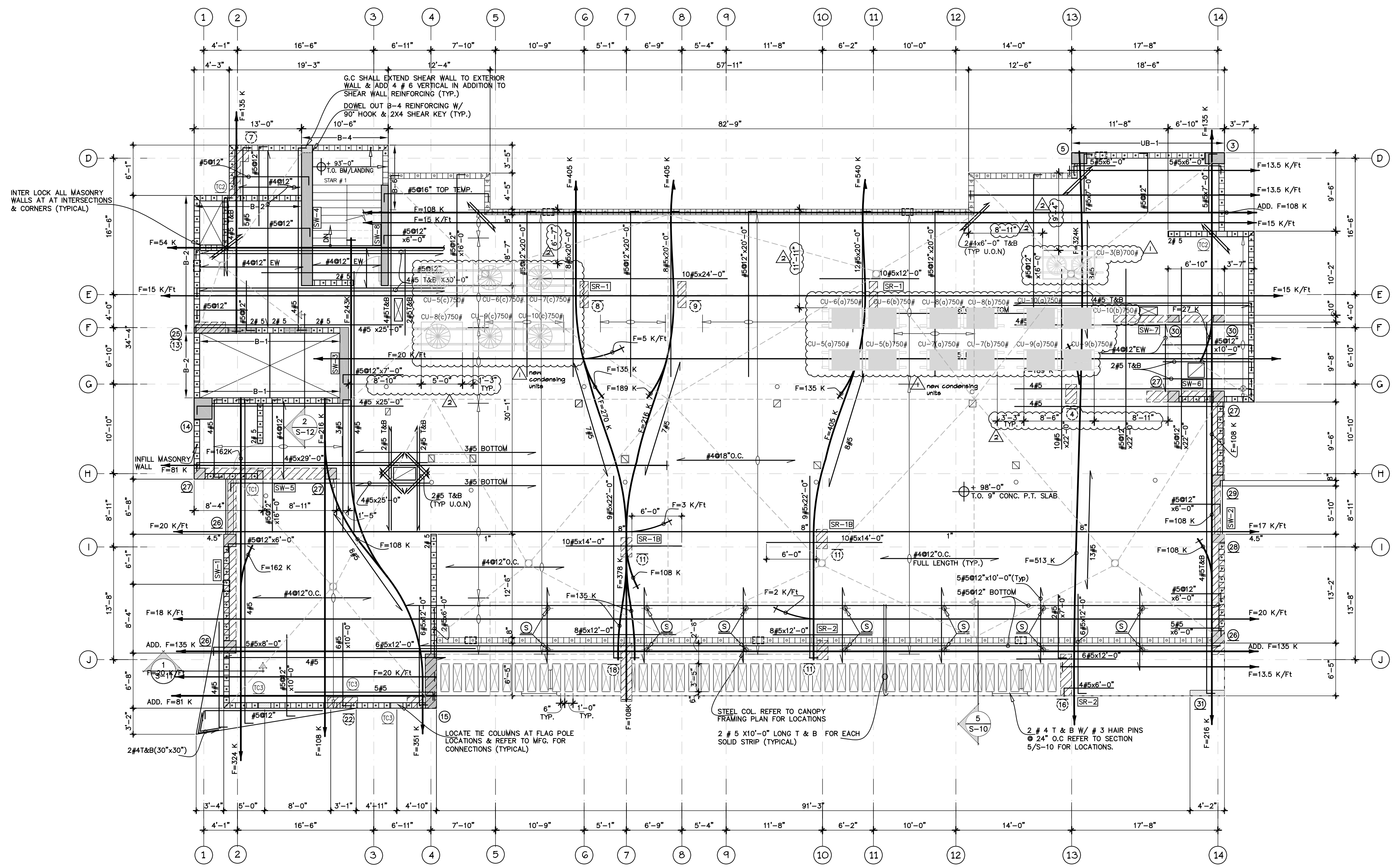
NOTE:
1) FOR OPENING SMALLER THAN 16" REFER TO DETAIL ON S-22 FOR ADDITIONAL REINFORCING NOT SHOWN ON FRAMING PLAN



ROOF PRESSURE ZONE DIAGRAM ON ROOFING
ZONE I, -74 PSF
ZONE II & III -123 PSF



CONDENSING UNIT INSTALLATION DETAIL
N.T.S.



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"
+ 98'-0" (9" P.T. SLAB Fc= 5000 PSI)

NOTE:
REFER TO S-11 FOR SHEAR HEAD SCHEDULE & DETAILS

ROOF COLUMN SCHEDULE

REFER TO SCHEDULE ON S-19 FOR TIE SPACING

floor elevation / column number	25	26	27	28	29	30	31	f'c
	8 X 49	18 X 18	16 X 16	12 X 18	12 X16/ 16 X 8	10 X 16	8 X 50	
+ 107'-5" ELEVATOR ROOF								f'c=5,000 psi
+ 100'-6" TO + 107'-5" PARAPET WALL	5L2S 10 # 6	4L4S 12 # 7	3L3S 8 # 6	2L2S 4 # 7	SEE "L" SHAPE COL ON S-19 7 # 6	2L3S 6 # 7	4L2S 8 # 7	
+ 98'-0" ROOF LEVEL	25 8 X 49	26 18 X 18	27 16 X 16	28 12 X 18	29 12 X16/ 16 X 8	30 10 X 16	31 8 X 50	

COORDINATION NOTE

GENERAL CONTRACTOR TO COORDINATE ALL VERTICAL AND HORIZONTAL DIMENSIONS AND ALL MATERIALS AND FINISHES WITH ARCHITECT DRAWINGS (DO NOT PROCEED WITH WORK UNLESS ALL DIMENSIONS & ELEVATIONS HAVE BEEN CHECKED AND VERIFIED WITH ARCHITECTURAL DRAWINGS)

FLOOR PLAN NOTES & LEGEND

1. SEE THIS SHEET FOR TOP OF CONCRETE FLOOR ELEVATION, THUS: + XX'-X"
2. FLOOR SHALL BE X" THICK P-T SLAB, UON. SLAB AND BEAMS SHALL BE F'C = 5000 PSI EXCEPT WHERE NOTED.
3. F = EFFECTIVE P-T FORCE AFTER LOSSES.
   S, INDICATES NUMBER OF STRANDS, 1S=27KIPS
   (X) INDICATES DIMENSION IN INCHES FROM BOTTOM OF SLAB TO CENTER OF GRAVITY OF POST-TENSIONED STRANDS. SEE DETAIL FOR ADDITIONAL DATA.
4. DISTRIBUTED TENDON SPACING IN THE TRANSVERSE DIRECTION SHALL NOT EXCEED 60" OC.
5. LONGITUDINAL DIRECTION MILD STEEL REINFORCING SHALL BE PLACED IN THE OUTER LAYER OF REINFORCING. TRANSVERSE DIRECTION REINFORCING SHALL BE PLACED IN THE INNER LAYER OF REINFORCING.
6. SEE ARCHITECTURAL DRAWINGS FOR OPENING LOCATIONS, DIMENSIONS, AND SLAB DEPRESSIONS ETC. NOT SHOWN.
7. SEE SHEET S-22 FOR REINFORCING AROUND OPENINGS IN POST-TENSION SLAB.
8. FOR TYPICAL DETAILS NOT REFERENCED, SEE SHEET S-11 FOR GENERAL NOTES, SEE SHEET S-20
9. ADDED TENDON PROFILES SHALL MATCH MAIN TENDON PROFILE, UNO.
10. PROVIDE A MINIMUM 2-TENDONS OVER COLUMNS IN EACH DIRECTION.
11. SEE GENERAL CONSTRUCTION DETAILS ON SHEET S-11 FOR BALCONY EDGE DETAILS AND RAILING DETAILS.
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PROPOSED HOTEL BUILDING
FOUR POINTS by SHERATON HOTEL
3861 SW BIRD ROAD
MIAMI, FLORIDA

DATE:
04-29-2009

REVISIONS:
1 location of new condensing units & duct opening at grid line h been removed
2 building department comment 6-21-10

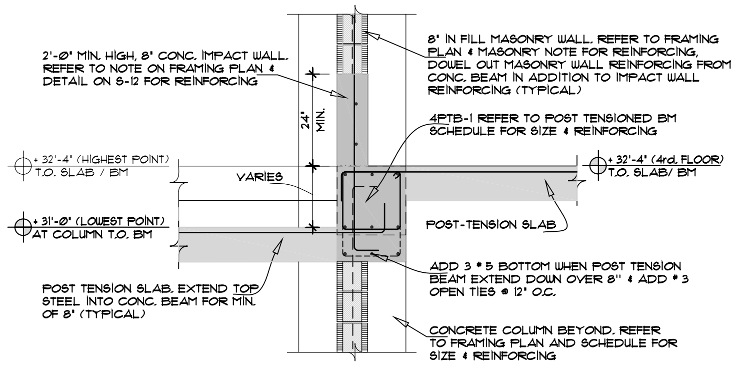
PROJECT No.
2009-05

DRAWN BY:
L.A.

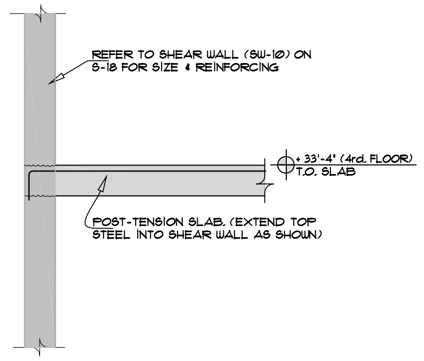
CHECKED BY:
H.V.

SCALE:
AS SHOWN

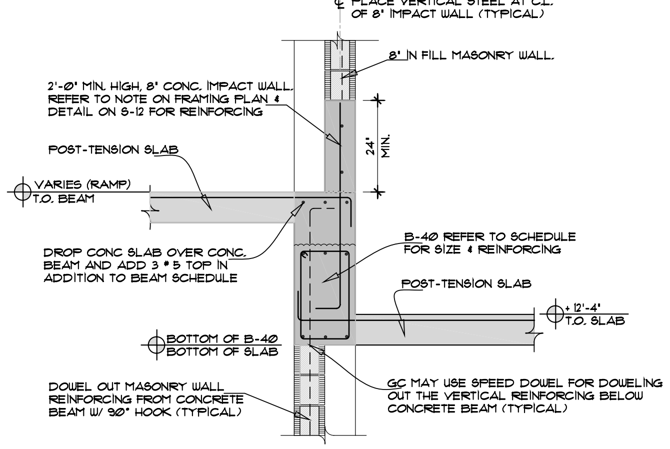
SHEET No.
S-7
OF
S-22



SECTION 1 / S-9
1/2" = 1' - 0"



SECTION 2 / S-9
1/2" = 1' - 0"



SECTION 3 / S-9
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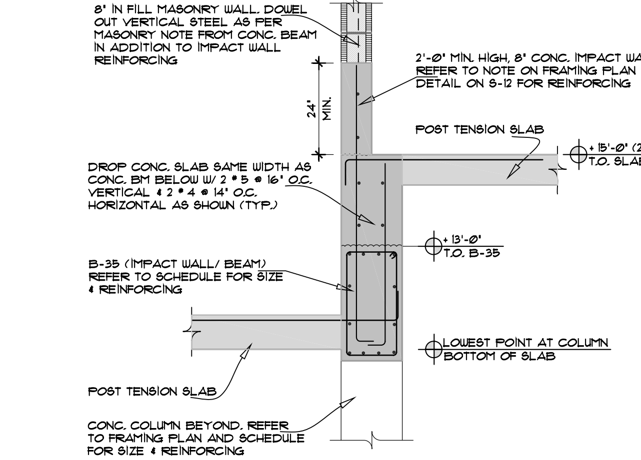

SECTION 4 / S-9
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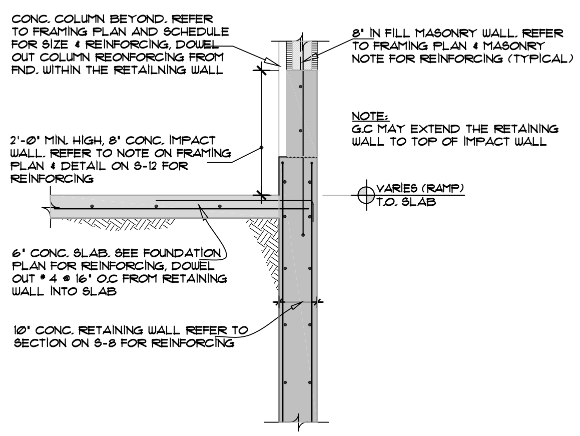

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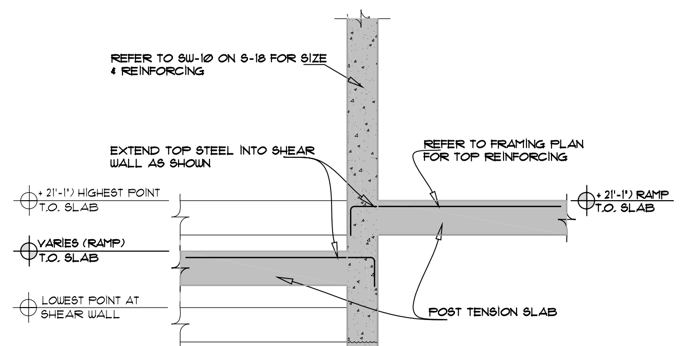
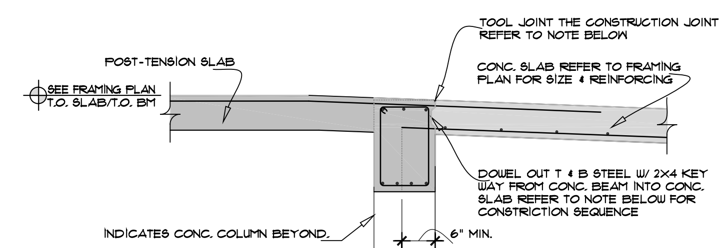
1/2" = 1' - 0"



SECTION 6 / S-9
1/2" = 1' - 0"

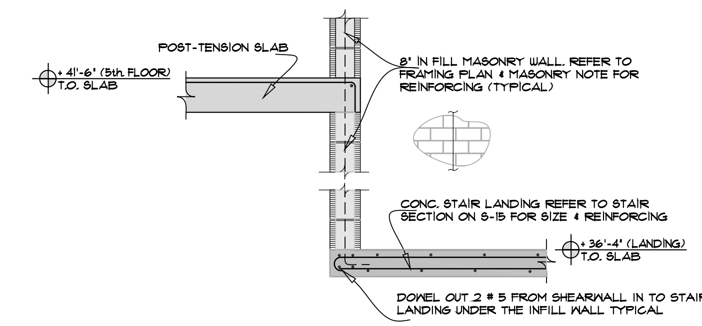


CONST. SEQUENCE FOR POST TENSIONED & CONCRETE SLAB

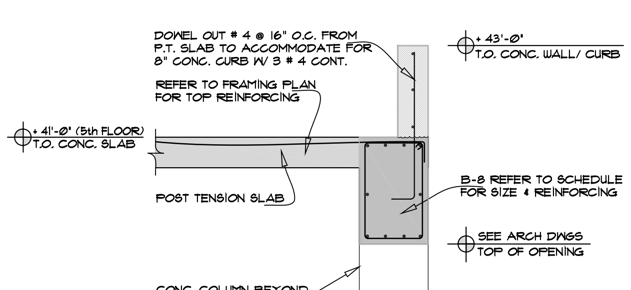
ALL POST TENSION CABLES MUST BE STRESSED (PULLED) FIRST PRIOR TO PLACING ADJACENT CONCRETE SLAB

PROVIDE TOLL JOINT AT THE CONSTRCTION JOINT, CLEAN THE AREA AND FILL WITH ELASTOMERIC SEALANT

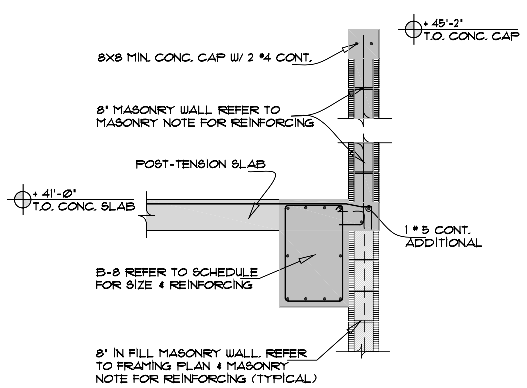
TYPICAL DETAIL AT CONSTRUCTION JOINT
1/2" = 1' - 0"



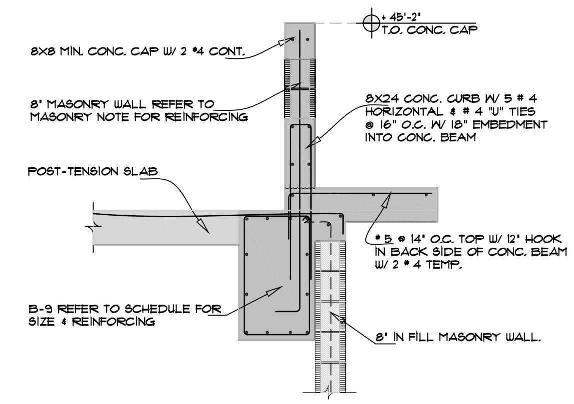
SECTION 7 / S-9
1/2" = 1' - 0"



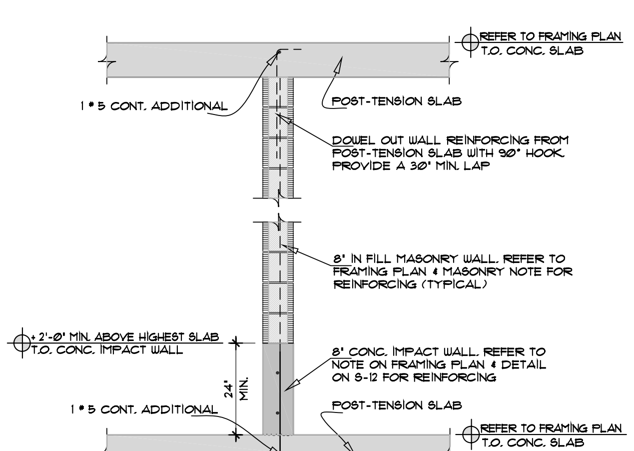
SECTION 9 / S-9
1/2" = 1' - 0"



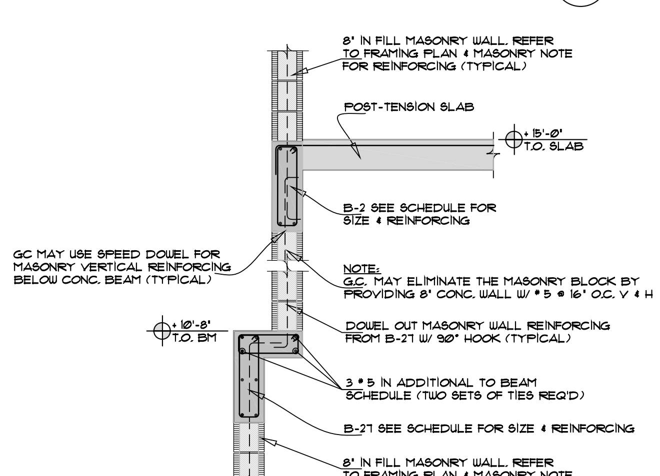
SECTION 10 / S-9
1/2" = 1' - 0"



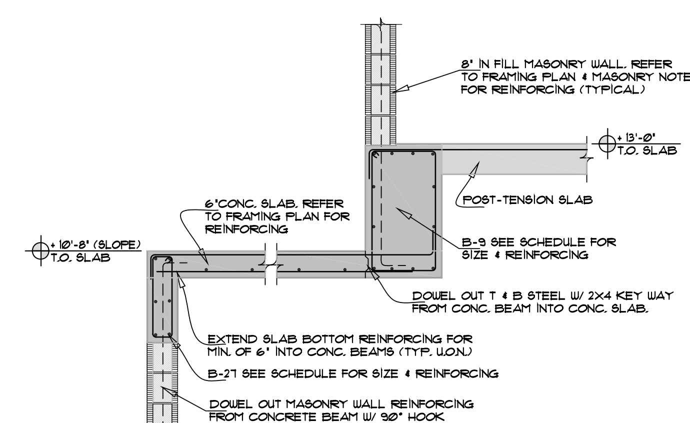
SECTION 11 / S-9
1/2" = 1' - 0"



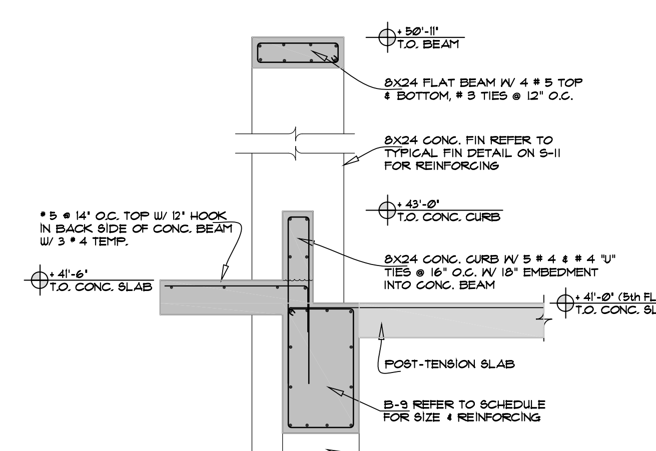
SECTION 8 / S-9
1/2" = 1' - 0"



SECTION 12 / S-9
1/2" = 1' - 0"



SECTION 13 / S-9
1/2" = 1' - 0"



SECTION 14 / S-9
1/2" = 1' - 0"

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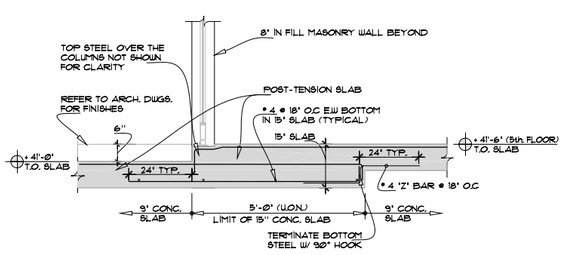
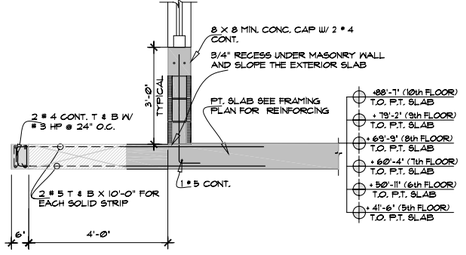
SHEET No.
S-9
OF
S-22



SECTION 1
½" = 1'-0" — S-10



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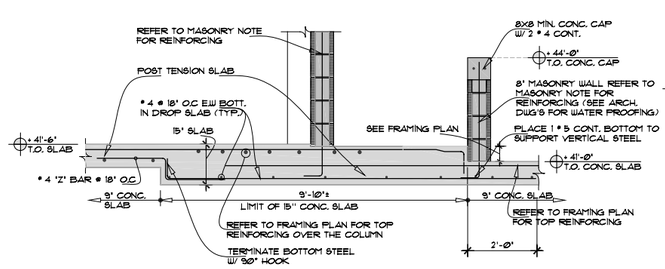

SECTION 3
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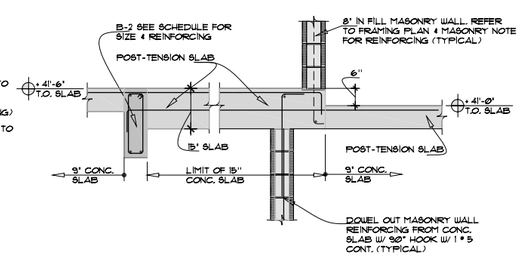

SECTION 4
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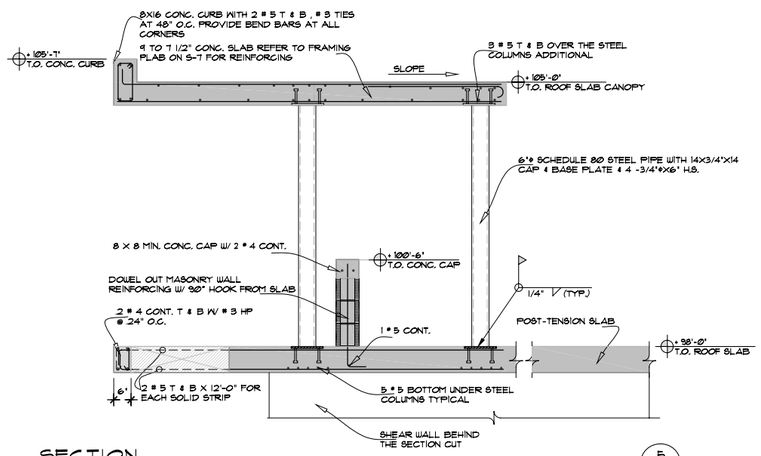

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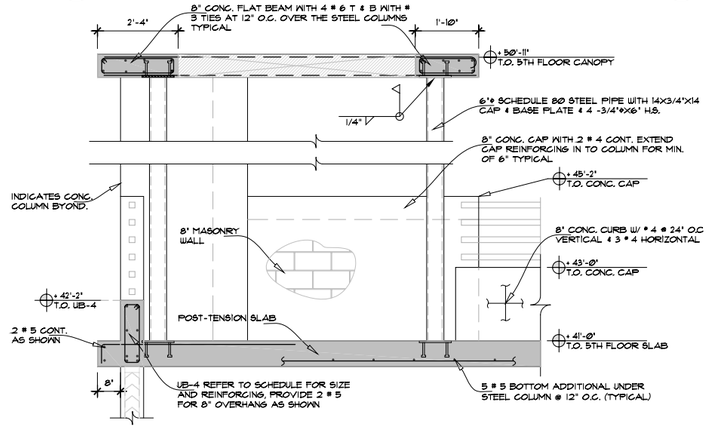
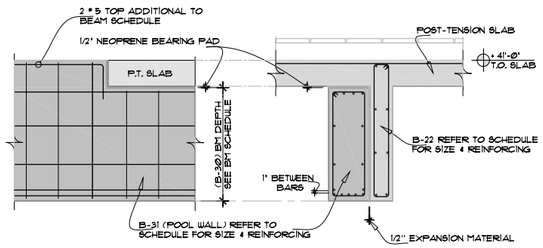
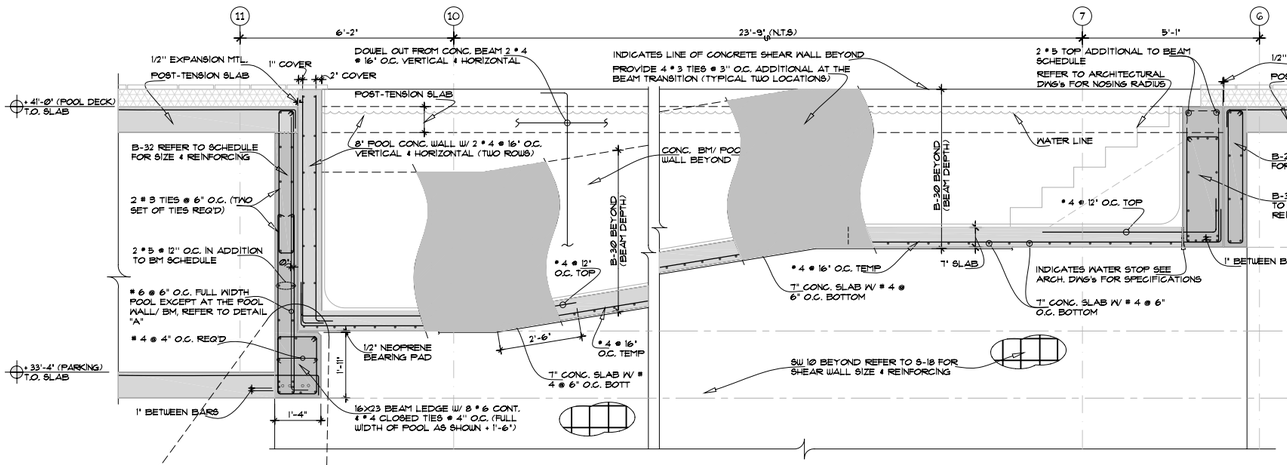


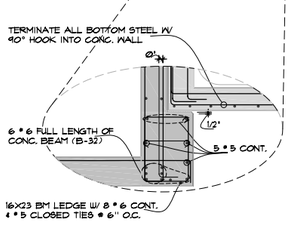
SECTION 6
½" = 1'-0" — S-10

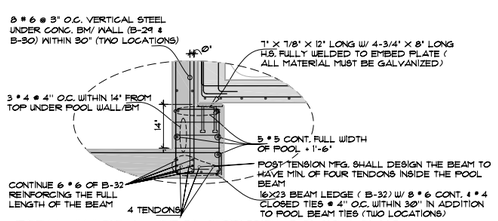


SECTION 7
½" = 1'-0" — S-10



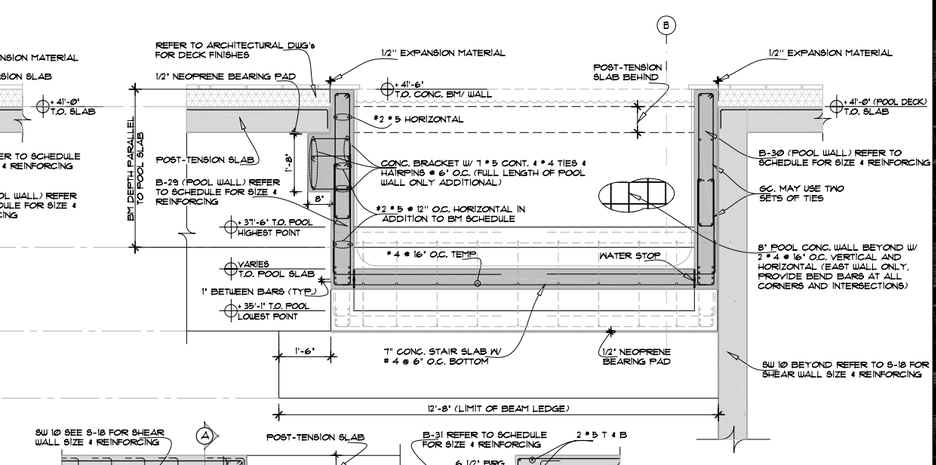
POOL WALL SECTION
½" = 1'-0" — 8 S-10

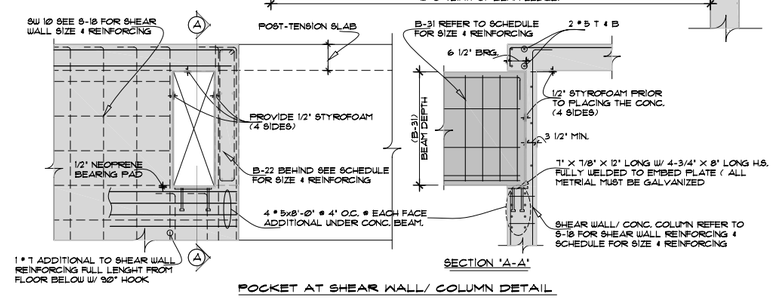




DETAIL "A" BEAM LEDGE SUPPORTING B-29 & B-30

POOL WALL SECTION
½" = 1'-0" — 9 S-10





POCKET AT SHEAR WALL/ COLUMN DETAIL

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REVISIONS:

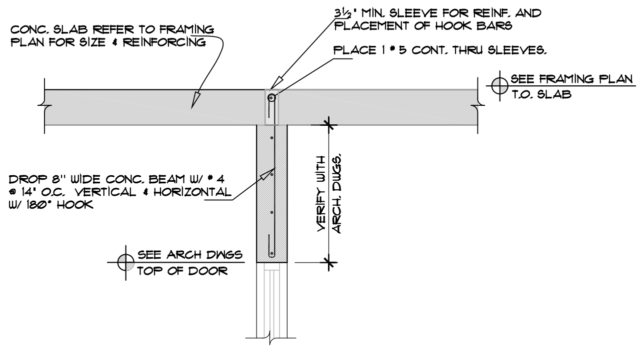
PROJECT No.
2009-05

DRAWN BY:
L.A.

CHECKED BY:
H.V.

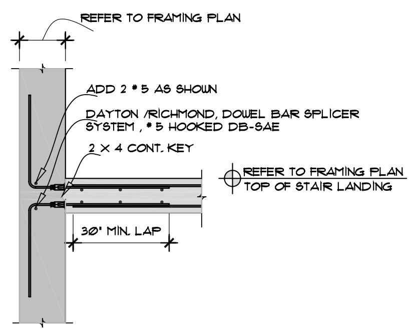
SCALE:
AS SHOWN

SHEET No.
S-10
OF
S-22



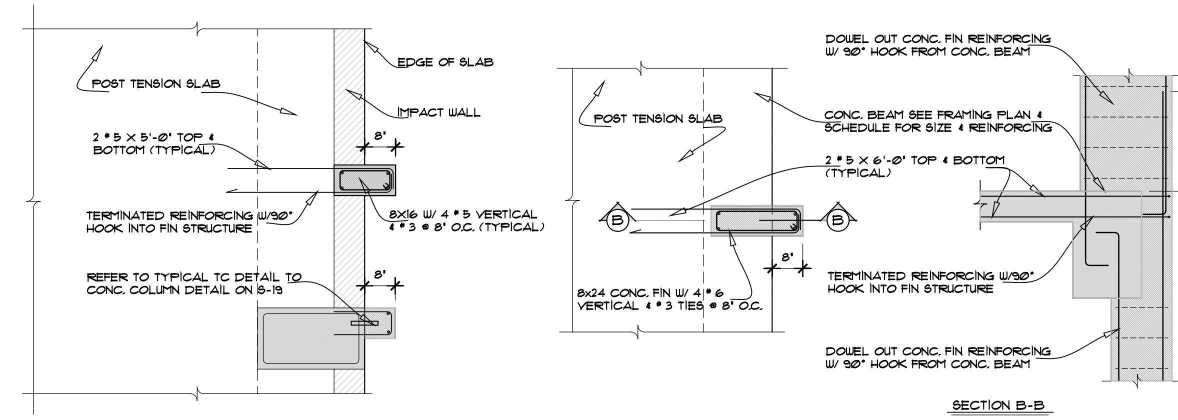
DROP BEAM OVER THE OPENING

½" = 1' - 0" (REINFORCING DETAIL)



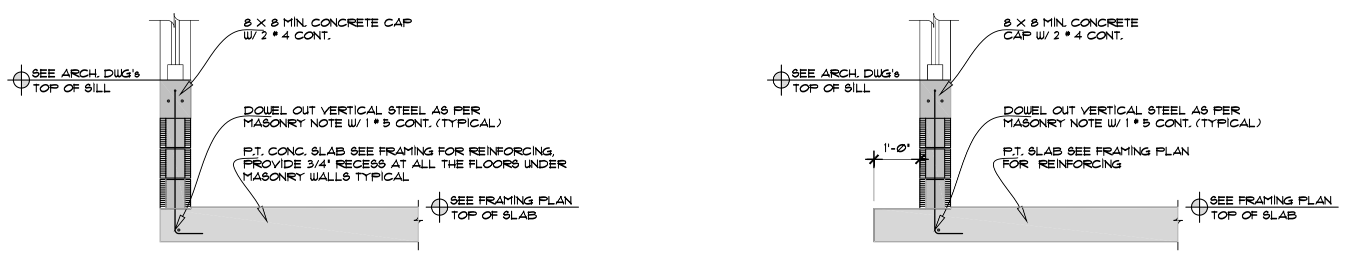
TYP. FORM SAVER DETAIL @ LANDING

½" = 1' - 0"



TYPICAL FIN DETAIL

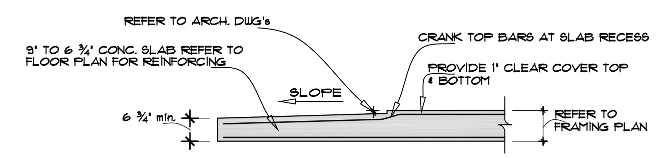
½" = 1' - 0"



NORTH ELEVATION

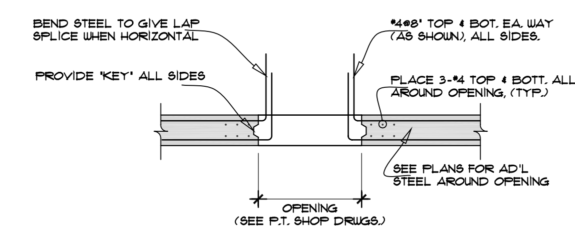
TYPICAL WINDOWS SILL DETAIL

½" = 1' - 0"



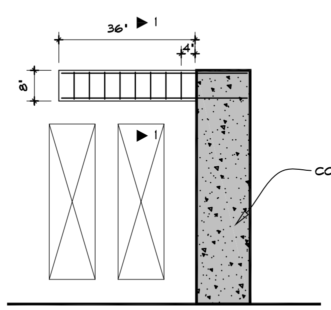
TYPICAL BALCONY DETAIL

½" = 1' - 0"



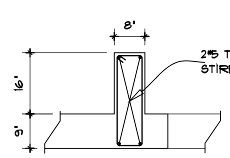
TYPICAL STRESS BOX OPENING DETAIL

½" = 1' - 0"

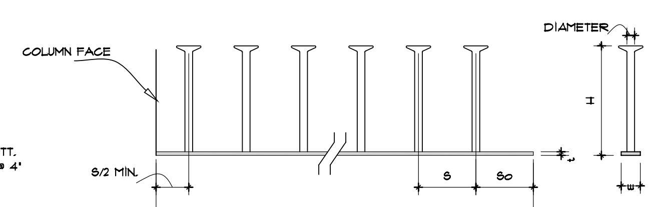


SHEARHEAD

SR-3



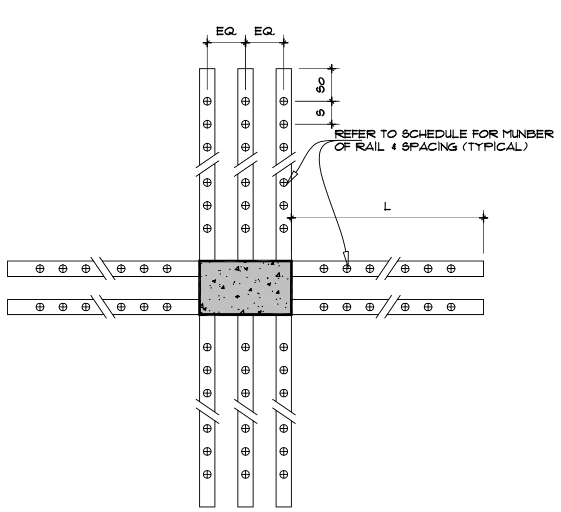
SECTION 1-1



NOTE: N = TOTAL QTY OF SHEAR STUDS

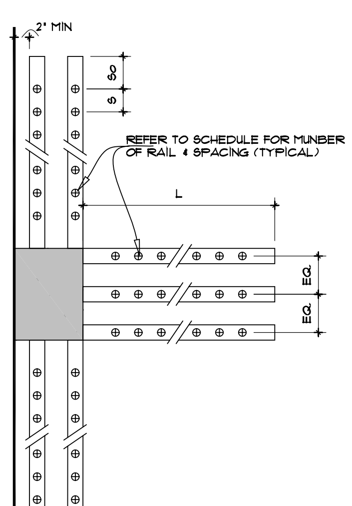
SHEARHEAD DETAILS

NTS



INTERIOR

SR-1, SR-1A & SR-1B



EDGE

SR-2

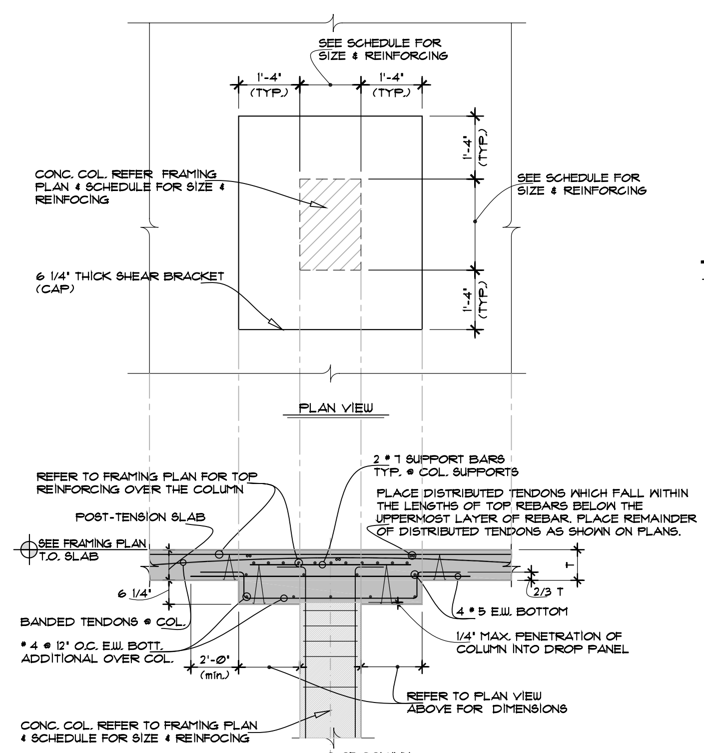
FROM GROUND TO ROOF FLOOR SHEARHEADS

SHEARHEAD I.D.	SHEARHEAD TYPE	NUMBER OF RAILS / COLUMN	RAILS @ LONG SIDE	RAILS @ SHORT SIDE	NUMBER OF STUDS / RAIL	STUD DIAMETER, D	STUD SPACING, S	DIST. TO FIRST STUD, So	OVERALL HEIGHT OF RAIL, H	TOP COVER	BOTTOM COVER
SR-1	II	12	4	2	6	⅜"	5 ¾"	3"	7½"	¾"	¾"
SR-1A	II	12	4	2	9	½"	4 ½"	3"	7½"	¾"	¾"
SR-1B	II	10	3	2	7	½"	4 ¾"	3"	7½"	¾"	¾"
SR-2	III	8	3	2	7	½"	4 ¾"	3"	7½"	¾"	¾"
SR-3	SEE DETAIL										

NOTE:
1) SHEARHEAD REINFORCEMENT AT THE COLUMN SLAB CONNECTIONS SHALL BE STUDRAILS AS MANUFACTURED BY DECON. CONTACT DECON U.S.A., 105 ATSION ROAD, MEDFORD, NEW YERSEY, 08055-6575. (1-800-527-RAIL).
2) SEE DETAILS ABOVE FOR QUANTITY OF RAILS, STUD, STUD DIA., SPACING, ETC.
3) STUD SPACING, S, MUST BE CONSTANT ALONG A STUDRAIL.
4) IF THE SLAB EDGE IS WITHIN 2" OF A COLUMN FACE, THE STUDRAIL(s) BESIDE THE FREE EDGE SHOULD BE MOVED SO THAT THEY ARE LOCATED NO CLOSER THAN 2" FROM THE EDGE.
5) WHEN MORE THAN TWO STUDRAILS ARE TO BE PLACED ON ONE COLUMN FACE, THEY SHOULD BE EVENLY SPACED.

SHEAR HEAD DETAIL

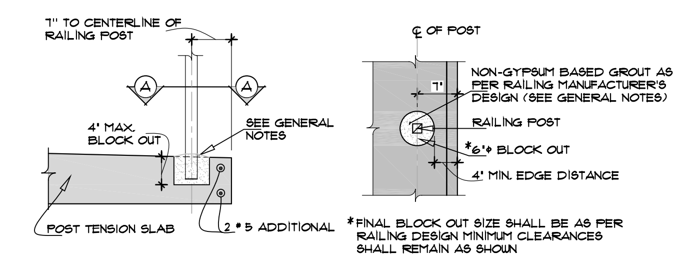
¾" = 1' - 0" (REFER TO FRAMING PLAN FOR LOCATIONS TYPICAL)



NOTE:
A MINIMUM OF TWO TENDONS SHALL BE PLACED IN EACH DIRECTION DIRECTLY OVER COLUMN

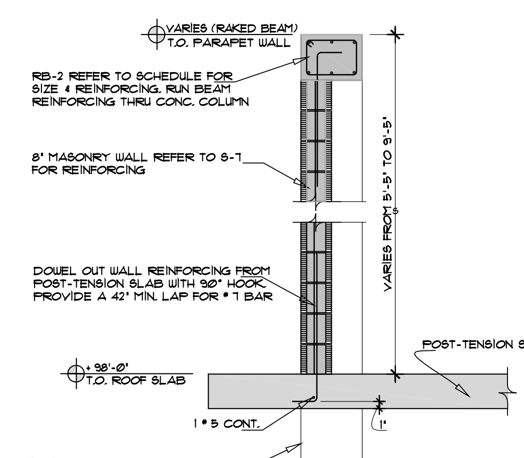
TYPICAL SHEAR BRACKET OVER THE COL.'s

½" = 1' - 0" (CONCRETE CAP)



TYPICAL BALCONY RAILING CONNECTION

¾" = 1' - 0"



SECTION

½" = 1' - 0"

1 / S-11

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CONSULTANT :

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P.E. # 39663
#810
E.B. # 7436
JOB # 2009-05
MARINA LAKES
4993-B S.W. 74 CT.
MIAMI, FL 33155
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FAX 305.663 5614
DESIGN INSPECTION RESTORATION SUPERVISION

PROPOSED HOTEL BUILDING

FOUR POINTS by SHERATON HOTEL

3861 SW BIRD ROAD
MIAMI, FLORIDA

DATE:
04-29-2009

REVISIONS:

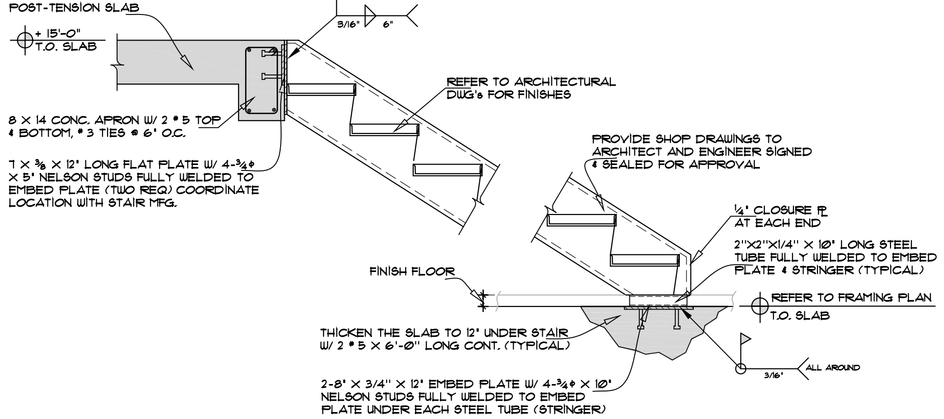
PROJECT No.
2009-05

DRAWN BY:
L.A.

CHECKED BY:
H.V.

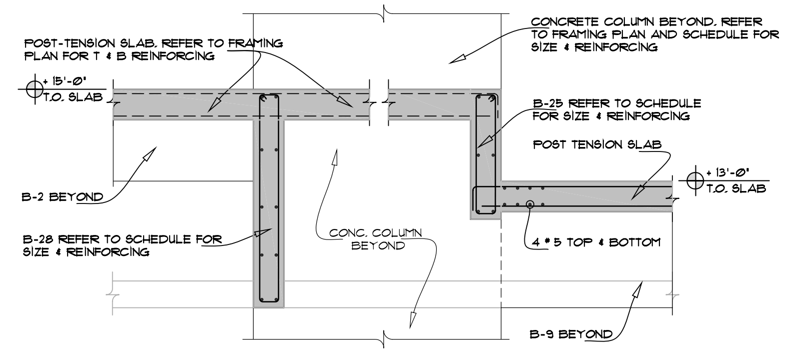
SCALE:
AS SHOWN

SHEET No.
S-11
OF
S-22



STEEL STAIR CONNECTION DETAIL

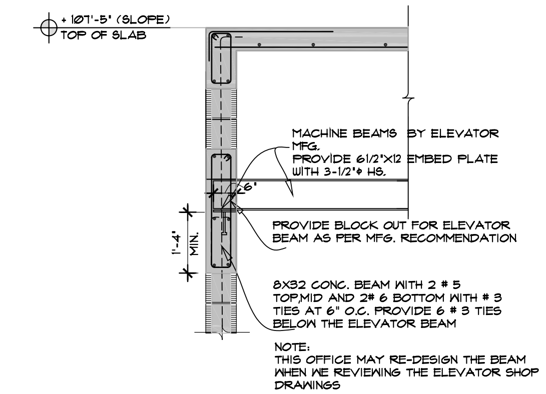
3/4" = 1'-0"



SECTION

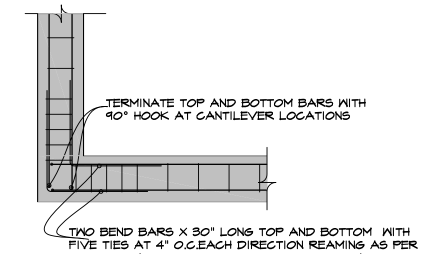
1/2" = 1' - 0"

1 S-12



ELEVATOR BEAM BEARING DETAIL

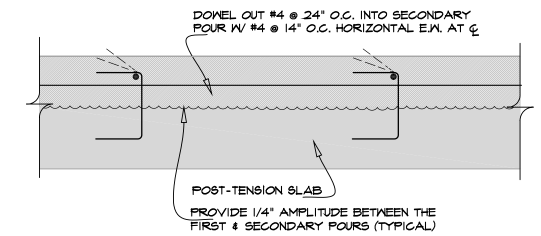
1/2" = 1' - 0"



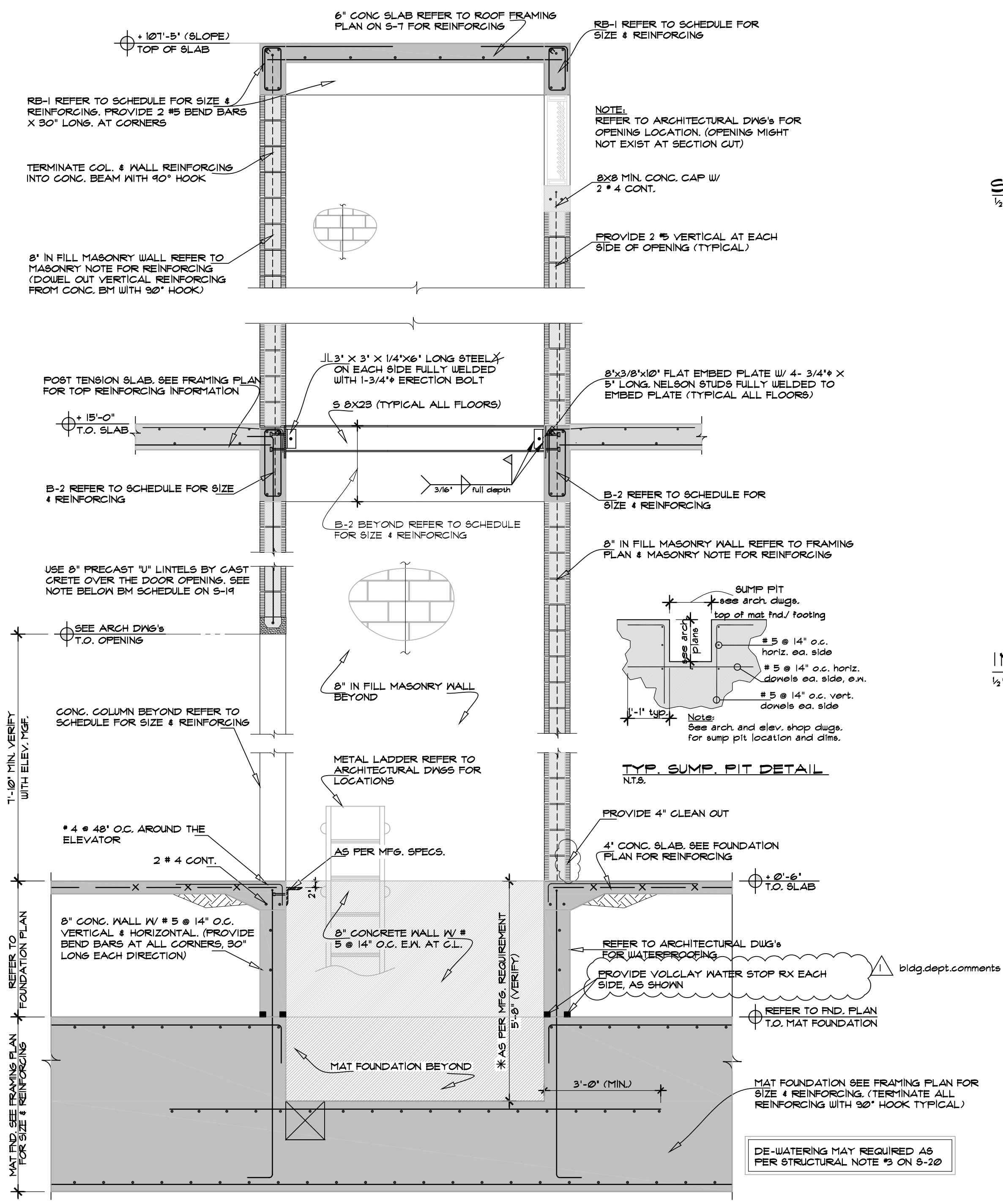
STRUCTURAL BEAM CORNER DETAIL

1/2" = 1' - 0"

DETAIL "A"



SECONDARY POUR DETAIL



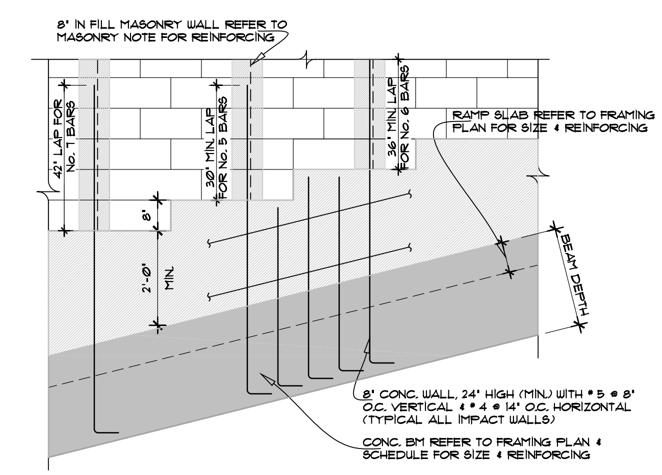
TYP. SUMP PIT DETAIL

N.T.S.

ELEVATOR SECTION

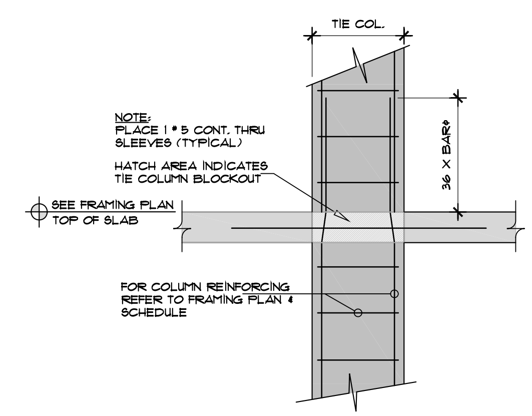
1/2" = 1'-0"

2 S-12



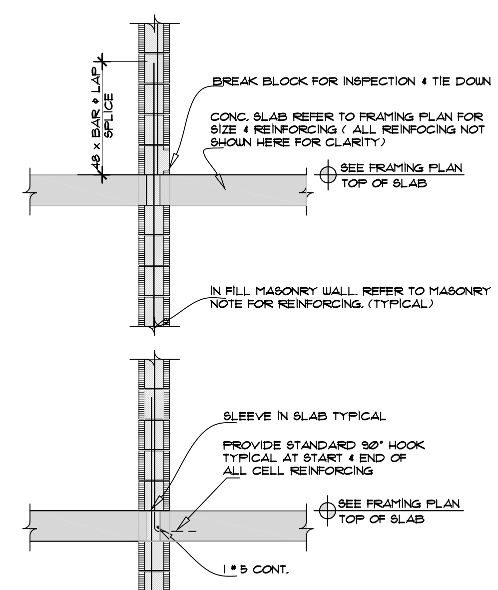
IMPACT WALL STEP DETAIL AT RAMP

1/2" = 1' - 0"



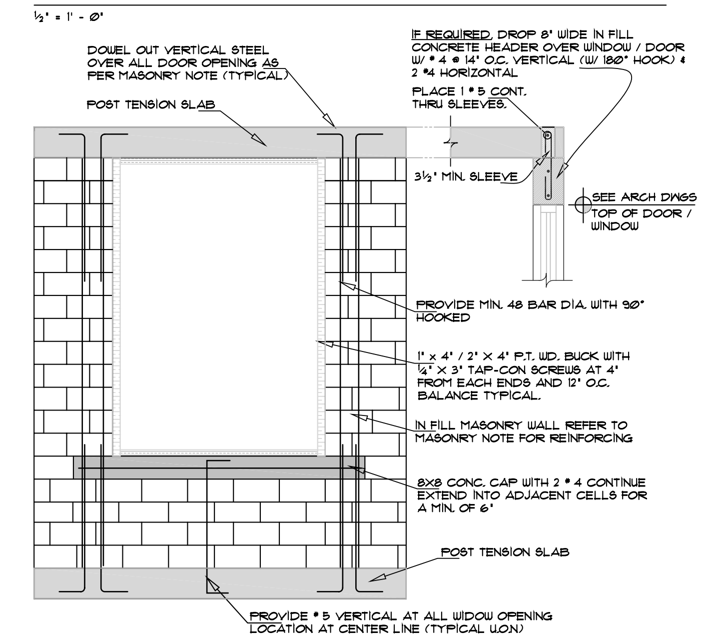
TYPICAL IN FILL TIE COLUMN DETAIL

1/2" = 1' - 0"



TYPICAL IN FILL MASONRY WALL DETAIL

1/2" = 1' - 0"



DOOR/WINDOW OPENING REINF. DETAIL

1/2" = 1' - 0"

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DESIGN INSPECTION RESTORATION SUPERVISION

PROPOSED HOTEL BUILDING

FOUR POINTS by SHERATON HOTEL

3861 SW BIRD ROAD
MIAMI, FLORIDA

DATE:
04-29-2009

REVISIONS:
1 bldg.dept.comment 1-26-10

PROJECT No.
2009-05

DRAWN BY:
L.A.

CHECKED BY:
H.V.

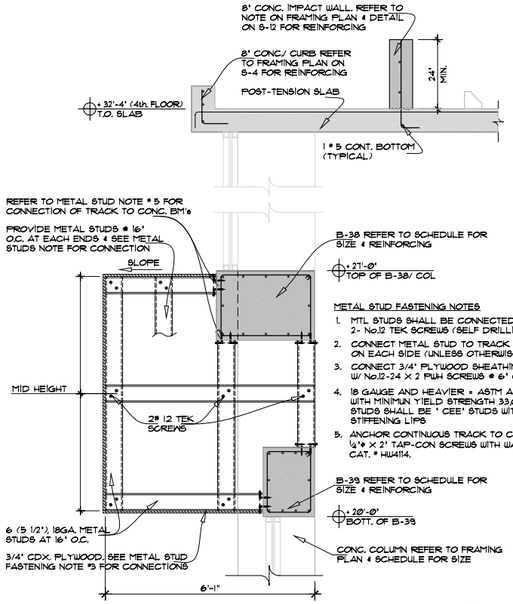
SCALE:
AS SHOWN

SHEET No.

S-12

OF

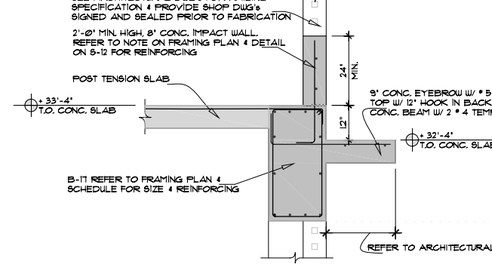
S-22



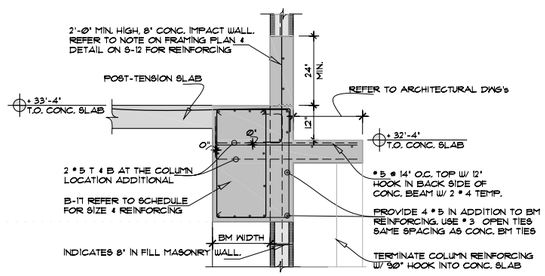
SECTION 4 S-13
½" = 1' - 0"

METAL STUD FASTENING NOTES

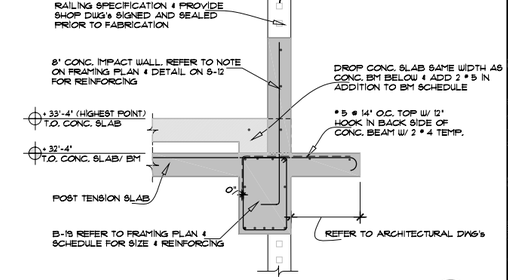
1. MTL STUDS SHALL BE CONNECTED TO MTL STUDS W/ MIN 2- No.12 TEK SCREWS (SELF DRILLING #2 POINT W.O.N.)
2. CONNECT METAL STUD TO TRACK WITH 1- #12 TEK SCREW ON EACH SIDE (UNLESS OTHERWISE NOTED ON SECTIONS)
3. CONNECT 3/4" PLYWOOD SHEATHING TO MTL DECK W/ No.12-24 X 2 PAN SCREWS @ 6" O.C.
4. 18 GAUGE AND HEAVIER = ASTM A446, GRADE A, G-60 WITH MINIMUN YIELD STRENGTH 33,000 PSI, ALL METAL STUDS SHALL BE " CEE" STUDS WITH 1 5/8" FLANGES WITH STIFFENING LIPS
5. ANCHOR CONTINUOUS TRACK TO CONC. SLAB W/ 1-¼" X 2" TAP-CON SCREWS WITH WASHER @ 12" O.C. CAT. # HW4114.



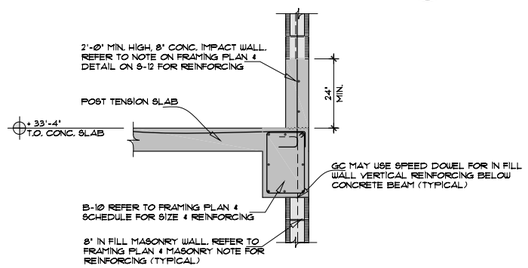
SECTION 1 S-13
½" = 1' - 0"



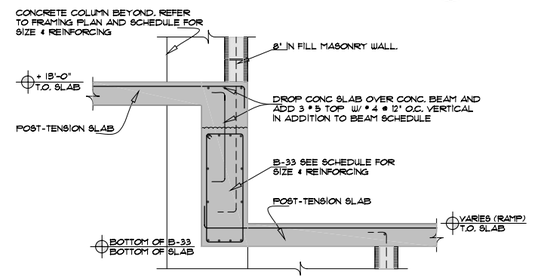
SECTION 2 S-13
½" = 1' - 0"



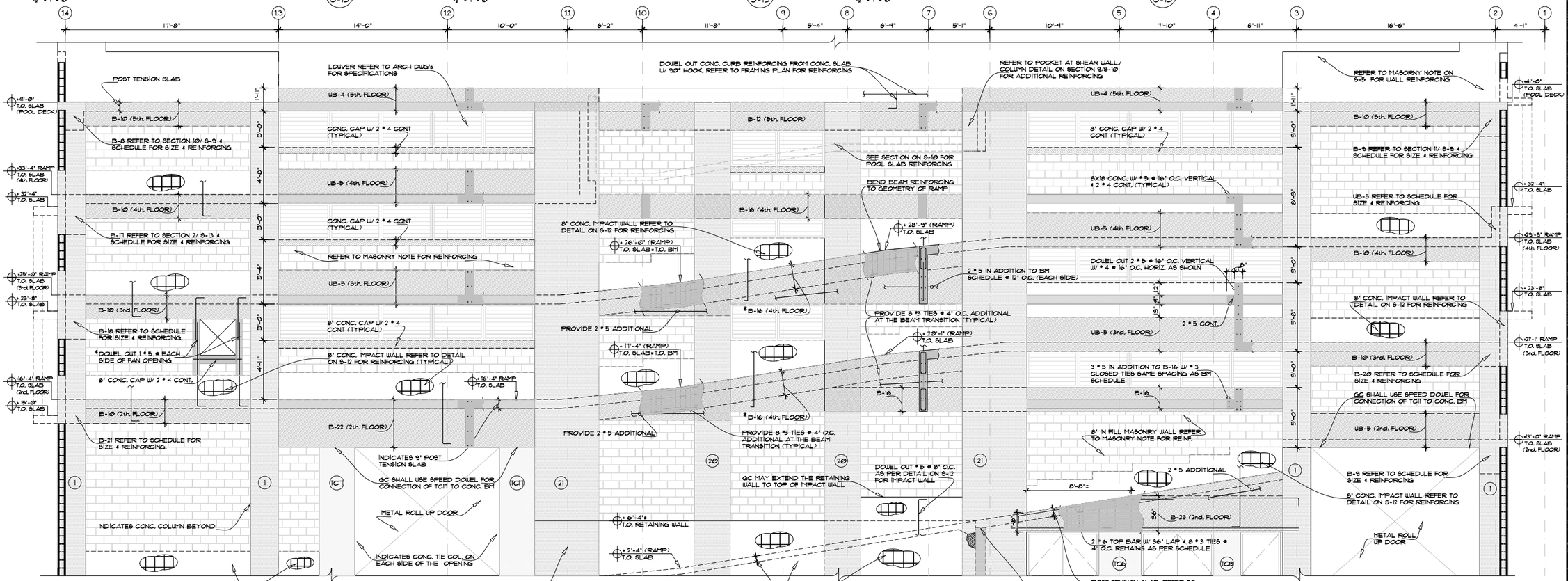
SECTION 3 S-13
½" = 1' - 0"



SECTION 5 S-13
½" = 1' - 0"



SECTION 6 S-13
½" = 1' - 0"



* NOTE:
REFER TO MEP DRAWINGS FOR QUANTITY AND LOCATION OF FAN OPENING (TYPICAL)

NORTH STRUCTURAL BEAM ELEVATION
½" = 1' - 0"

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DESIGN INSPECTION RESTORATION SUPERVISION

PROPOSED HOTEL BUILDING

FOUR POINTS by SHERATON HOTEL

3861 SW BIRD ROAD
MIAMI, FLORIDA

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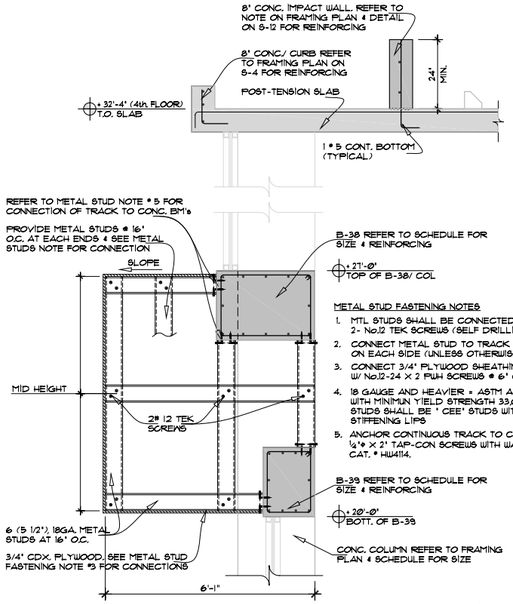

SECTION 4 S-13
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METAL STUD FASTENING NOTES

1. MTL STUDS SHALL BE CONNECTED TO MTL STUDS W/ MIN 2- No.12 TEK SCREWS (SELF DRILLING #2 POINT W.O.N.)
2. CONNECT METAL STUD TO TRACK WITH 1- #12 TEK SCREW ON EACH SIDE (UNLESS OTHERWISE NOTED ON SECTIONS)
3. CONNECT 3/4" PLYWOOD SHEATHING TO MTL DECK W/ No.12-24 X 2 PAN SCREWS @ 6" O.C.
4. 18 GAUGE AND HEAVIER = ASTM A446, GRADE A, G-60 WITH MINIMUN YIELD STRENGTH 33,000 PSI, ALL METAL STUDS SHALL BE " CEE" STUDS WITH 1 5/8" FLANGES WITH STIFFENING LIPS
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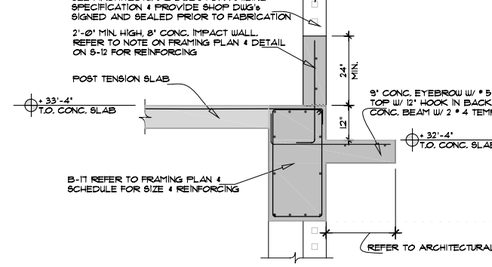

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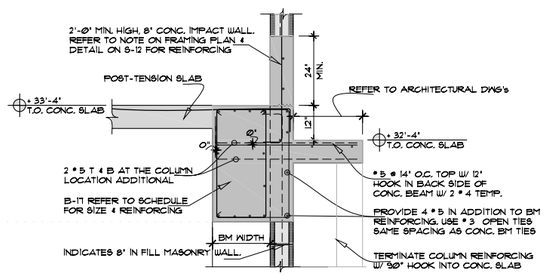
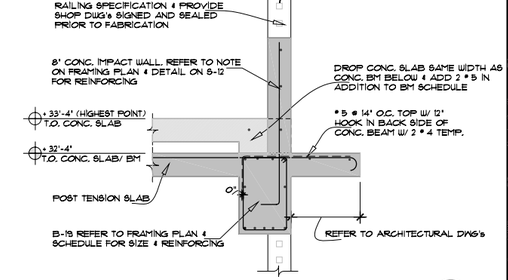


SECTION 2 S-13
½" = 1' - 0"



SECTION 3 S-13
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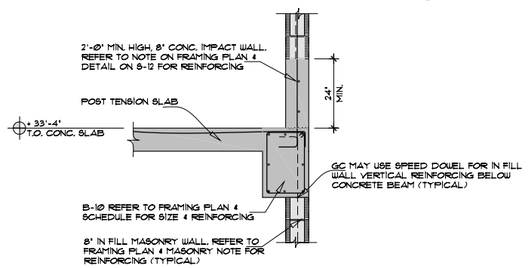

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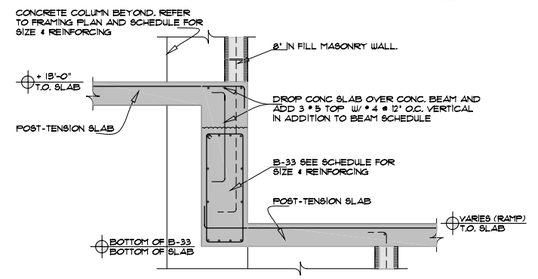

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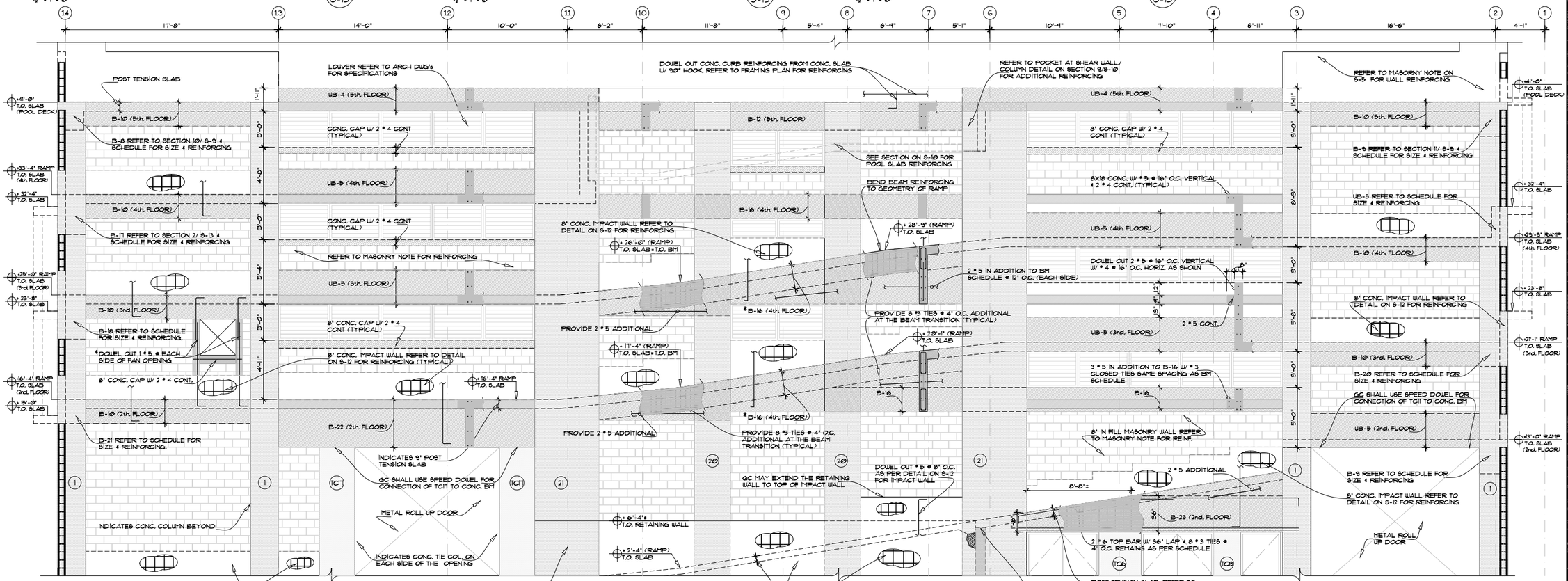

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½" = 1' - 0"

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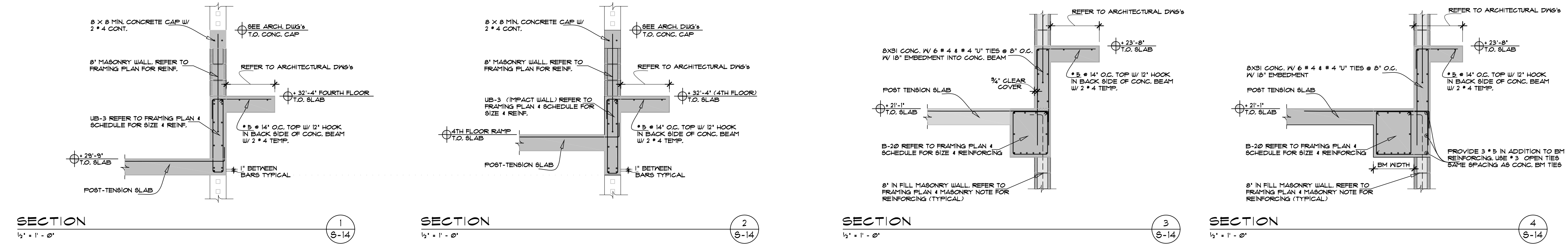

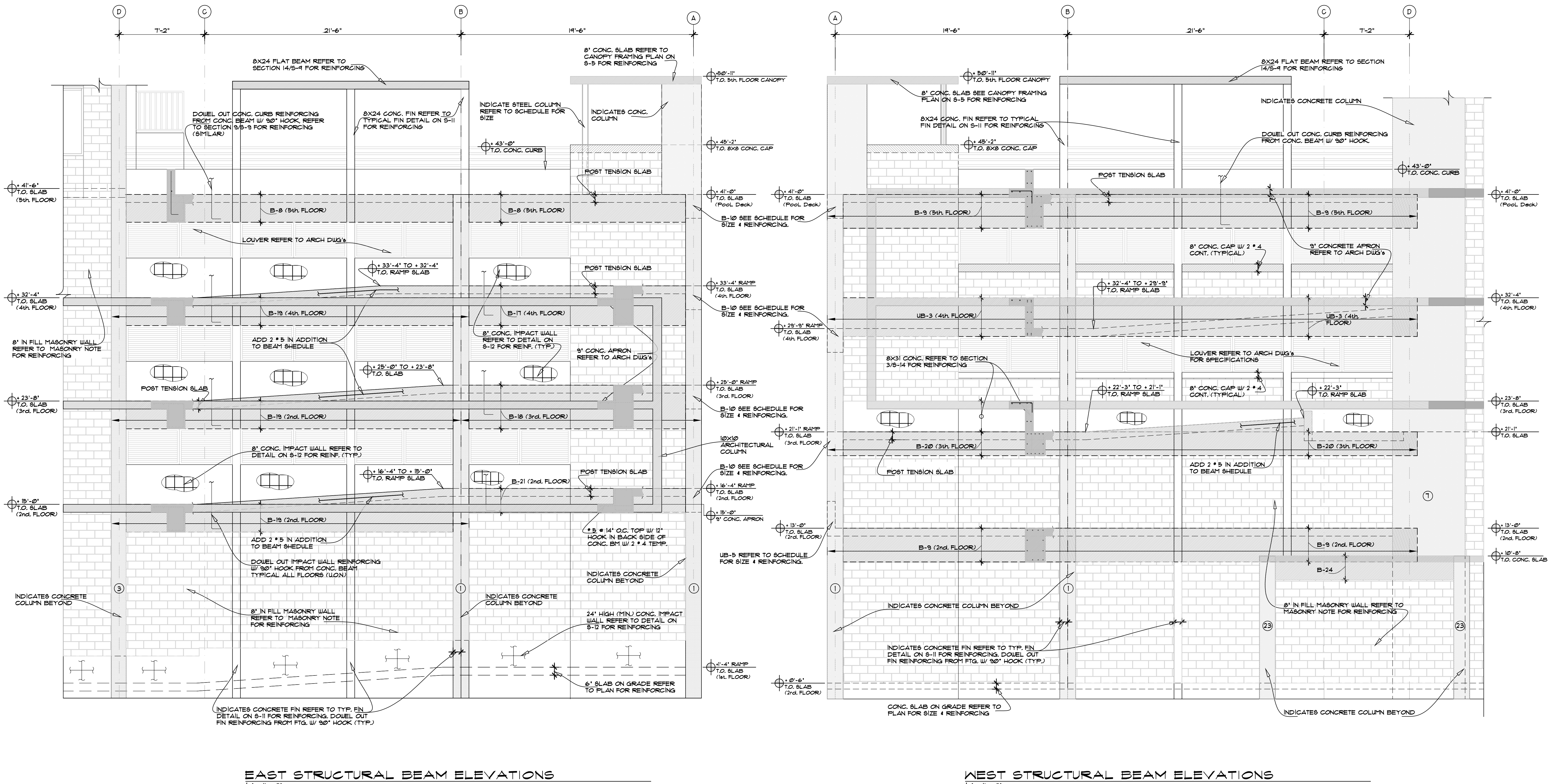

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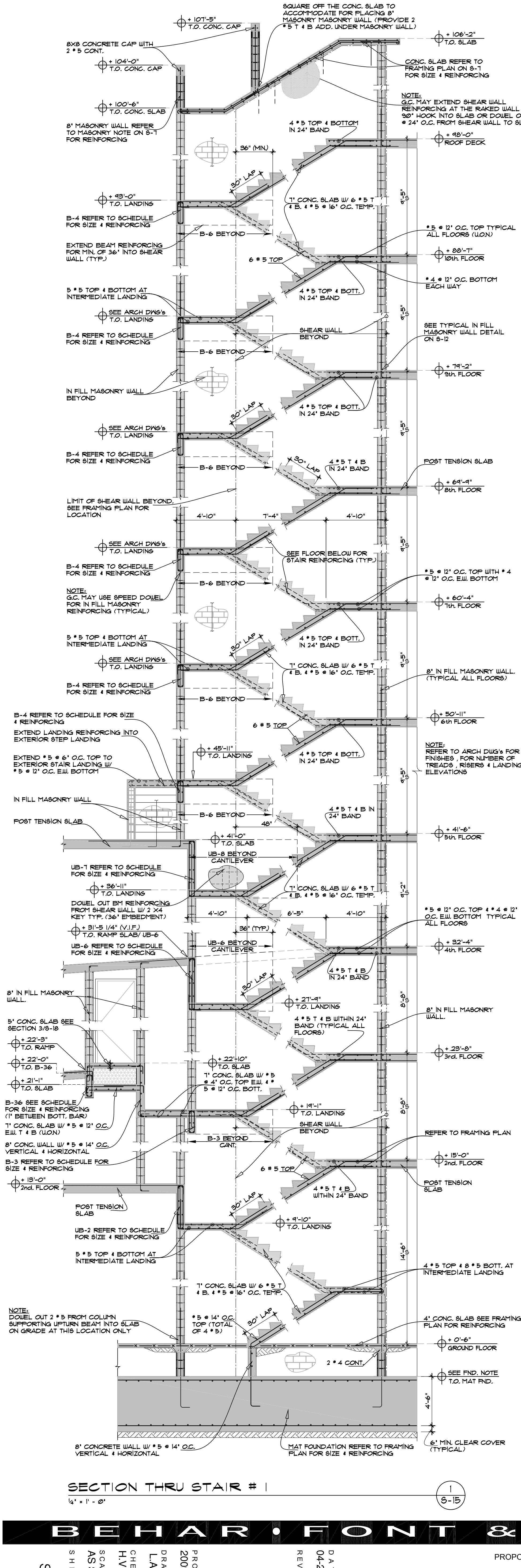
CHECKED BY:
H.V.

SCALE:
AS SHOWN

SHEET No.
S-14
OF
S-22

METAL STUD FASTENING NOTES

1. MTL STUDS SHALL BE CONNECTED TO MTL STUDS W/ MIN 2- No.12 TEK SCREWS (SELF DRILLING #2 POINT U.O.N)
2. CONNECT METAL STUD TO TRACK WITH 1- #12 TEK SCREW ON EACH SIDE (UNLESS OTHERWISE NOTED ON SECTIONS)
3. CONNECT 3/4" PLYWOOD SHEATHING TO MTL DECK W/ No.12-24 X 2 PWH SCREWS @ 6" O.C.
4. 18 GAUGE AND HEAVIER = ASTM A446, GRADE A, G-60 WITH MINIMUM YIELD STRENGTH 33,000 PSI, ALL METAL STUDS SHALL BE " CEE" STUDS WITH 1 5/8" FLANGES WITH STIFFENING LIPS
5. ANCHOR CONTINUOUS TRACK TO EXISTING CONC. SLAB W/ 1- 1/4" x 2" TAP-CON SCREWS WITH WASHER @ 12" O.C. CAT. # HW4114, CONSULT WITH STRUCTURAL ENGINEER & CARE MUST BE TAKEN PRIOR TO DRILLING THE TAP-CON SCREWS.

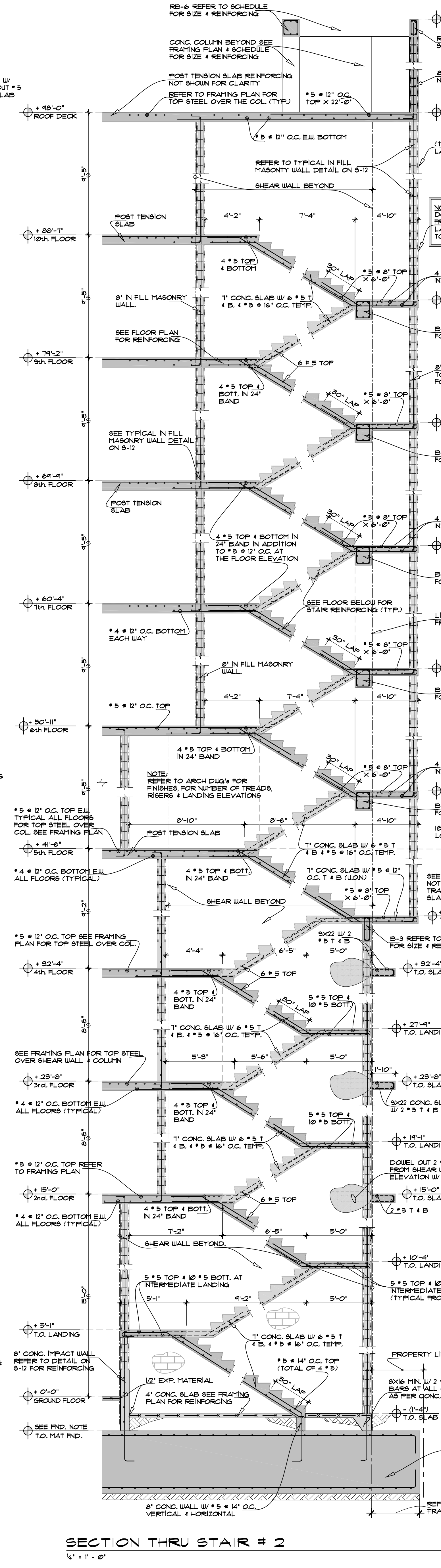


SQUARE OFF THE CONC. SLAB TO ACCOMMODATE FOR PLACING 8" MASONRY MASONRY WALL (PROVIDE 2 #5 T & B ADD. UNDER MASONRY WALL)
+ 107'-5" T.O. CONC. CAP
8X8 CONCRETE CAP WITH 2 #5 CONT.
+ 104'-0" T.O. CONC. CAP
+ 106'-2" T.O. SLAB
CONC. SLAB REFER TO FRAMING PLAN ON S-7 FOR SIZE & REINFORCING
+ 100'-6" T.O. CONC. SLAB
NOTE: G.C. MAY EXTEND SHEAR WALL REINFORCING AT THE RAKED WALL W/ 90° HOOK INTO SLAB OR DOWEL OUT #5 @ 24" O.C. FROM SHEAR WALL TO SLAB
8" MASONRY WALL REFER TO MASONRY NOTE ON S-7 FOR REINFORCING
+ 98'-0" ROOF DECK
+ 93'-0" T.O. LANDING
B-4 REFER TO SCHEDULE FOR SIZE & REINFORCING
EXTEND BEAM REINFORCING FOR MIN. OF 36" INTO SHEAR WALL (TYP.)
+ 88'-7" 10th. FLOOR
+ 79'-2" 9th. FLOOR
+ 69'-9" 8th. FLOOR
+ 60'-4" 7th. FLOOR
+ 50'-11" 6th FLOOR
+ 41'-6" 5th. FLOOR
+ 32'-4" 4th. FLOOR
+ 23'-8" 3rd. FLOOR
+ 15'-0" 2nd. FLOOR
+ 0'-6" GROUND FLOOR
SEE FND. NOTE T.O. MAT FND.
IN FILL MASONRY WALL BEYOND
LIMIT OF SHEAR WALL BEYOND, SEE FRAMING PLAN FOR LOCATION
NOTE: G.C. MAY USE SPEED DOWEL FOR IN FILL MASONRY REINFORCING (TYPICAL)
POST TENSION SLAB
DOWEL OUT BM REINFORCING FROM SHEAR WALL W/ 2 X4 KEY TYP. (36" EMBEDMENT)
+ 31'-5 1/4" (V.I.F.) T.O. RAMP SLAB/ UB-6
8" IN FILL MASONRY WALL
5" CONC. SLAB SEE SECTION 3/S-18
NOTE: DOWEL OUT 2 #5 FROM COLUMN SUPPORTING UPTURN BEAM INTO SLAB ON GRADE AT THIS LOCATION ONLY
8" CONCRETE WALL W/ #5 @ 14" O.C. VERTICAL & HORIZONTAL
MAT FOUNDATION REFER TO FRAMING PLAN FOR SIZE & REINFORCING
6" MIN. CLEAR COVER (TYPICAL)

SECTION THRU STAIR # 1

1/4" = 1'- 0"

1 / S-15

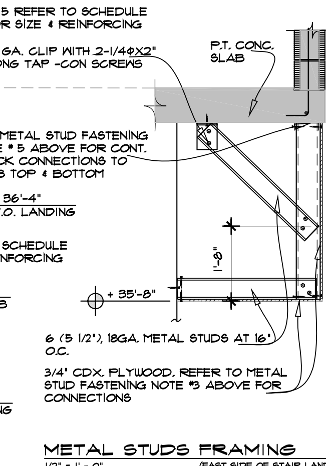


RB-6 REFER TO SCHEDULE FOR SIZE & REINFORCING
+ 107'-5" T.O. PARAPET WALL
RB-5 REFER TO SCHEDULE FOR SIZE & REINFORCING
CONC. COLUMN BEYOND SEE FRAMING PLAN & SCHEDULE FOR SIZE & REINFORCING
8" MASONRY WALL REFER TO MASONRY NOTE ON S-7 FOR REINFORCING
POST TENSION SLAB REINFORCING NOT SHOWN FOR CLARITY
REFER TO FRAMING PLAN FOR TOP STEEL OVER THE COL. (TYP.)
+ 98'-0" ROOF DECK
+ 98'-0" T.O. ROOF SLAB
(TCS) AT THIS LOCATION FOR LAST FLOOR ONLY
NOTE: DOWEL OUT TIE COLUMN (TCS) FROM INTERMEDIATE STAIR LANDING INTO ROOF SLAB, REFER TO FRAMING PLAN FOR LOCATION
REFER TO TYPICAL IN FILL MASONTY WALL DETAIL ON S-12
SHEAR WALL BEYOND
+ 88'-7" 10th. FLOOR
+ 79'-2" 9th. FLOOR
+ 69'-9" 8th. FLOOR
+ 60'-4" 7th. FLOOR
+ 50'-11" 6th FLOOR
+ 41'-6" 5th. FLOOR
+ 32'-4" 4th. FLOOR
+ 23'-8" 3rd. FLOOR
+ 15'-0" 2nd. FLOOR
+ 0'-0" GROUND FLOOR
+ 5'-1" T.O. LANDING
SEE FND. NOTE T.O. MAT FND.
PROPERTY LINE
8X16 MIN. W/ 2 #4 CONT. (PROVIDE BEND BARS AT ALL CORNERS & INTERSECTION AS PER CONC. BEAM CORNER DETAIL)
MAT FOUNDATION REFER TO FRAMING PLAN FOR SIZE & REINFORCING. (TERMINATE ALL REINFORCING W/ 90° HOOK TYPICAL)
8" CONC. WALL W/ #5 @ 14" O.C. VERTICAL & HORIZONTAL
REFER TO FRAMING PLAN

SECTION THRU STAIR # 2

1/4" = 1'- 0"

2 / S-15



P.T. CONC. SLAB
18 GA. CLIP WITH 2-1/4ØX2" LONG TAP -CON SCREWS
SEE METAL STUD FASTENING NOTE #5 ABOVE FOR CONT. TRACK CONNECTIONS TO SLAB TOP & BOTTOM
+ 35'-8"
6 (3 1/2"), 18GA. METAL STUDS AT 16" O.C.
3/4" CDX. PLYWOOD, REFER TO METAL STUD FASTENING NOTE #3 ABOVE FOR CONNECTIONS

METAL STUDS FRAMING

1/2" = 1' - 0"

(EAST SIDE OF STAIR LANDING AT + 41'-6" ELEVATION)

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PROPOSED HOTEL BUILDING

FOUR POINTS by SHERATON HOTEL

3861 SW BIRD ROAD
MIAMI, FLORIDA

DATE: 04-29-2009

REVISIONS:

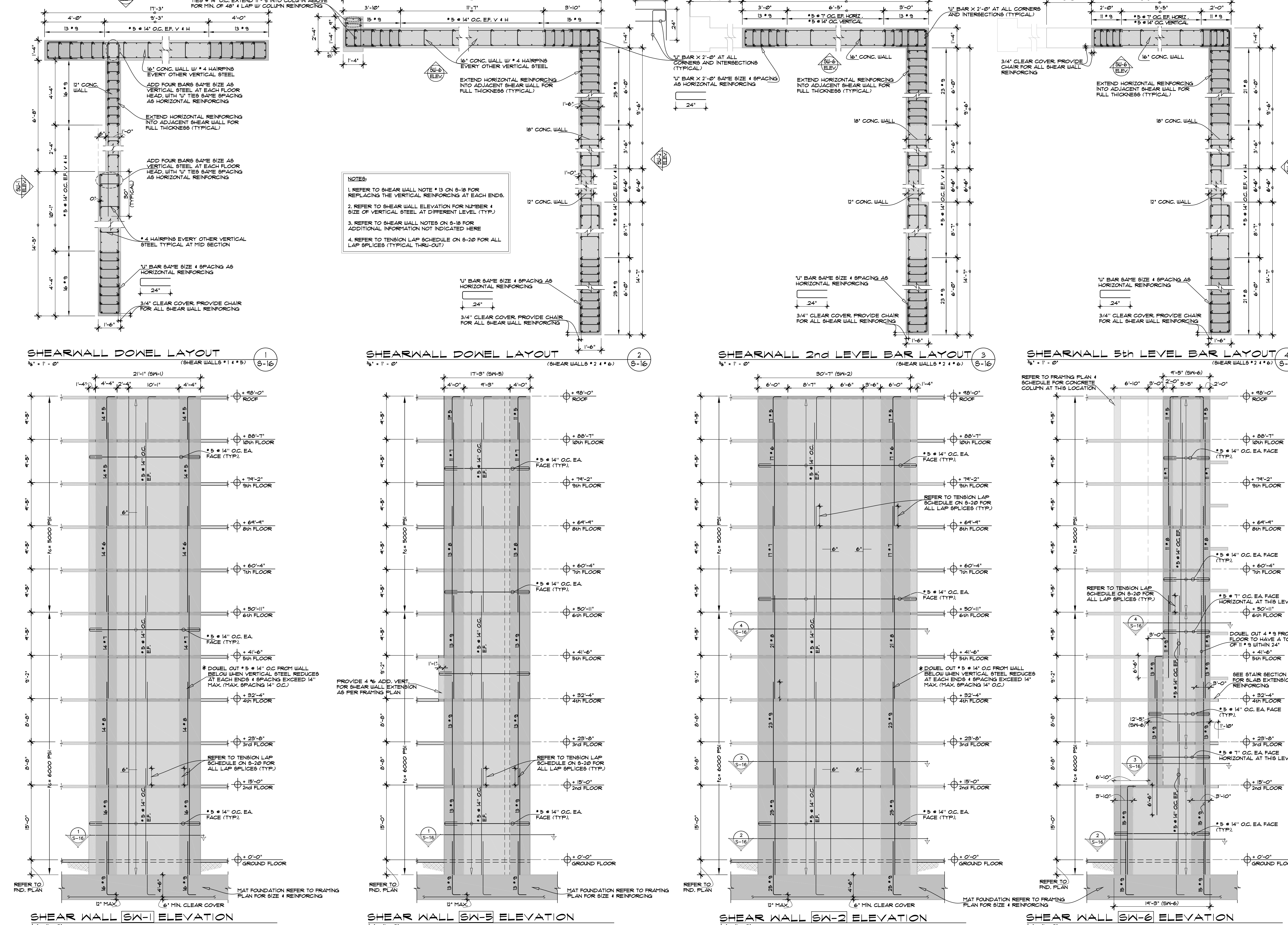
PROJECT No. 2009-05

DRAWN BY: L.A.

CHECKED BY: H.V.

SCALE: AS SHOWN

SHEET No. S-15 OF S-22



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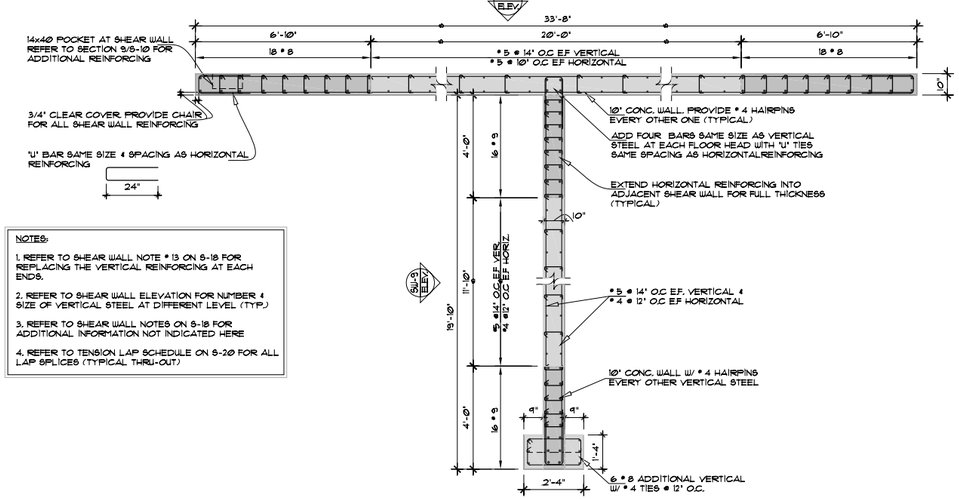
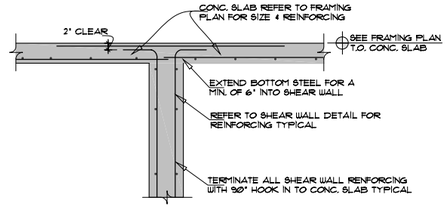
SHEET No.
S-16

OF
S-22



NOTES:

1. REFER TO SHEAR WALL NOTE # 13 ON S-18 FOR REPLACING THE VERTICAL REINFORCING AT EACH END'S.
2. REFER TO SHEAR WALL ELEVATION FOR NUMBER & SIZE OF VERTICAL STEEL AT DIFFERENT LEVEL (TYP.)
3. REFER TO SHEAR WALL NOTES ON S-18 FOR ADDITIONAL INFORMATION NOT INDICATED HERE
4. REFER TO TENSION LAP SCHEDULE ON S-20 FOR ALL LAP SPLICES (TYPICAL THRU-OUT)

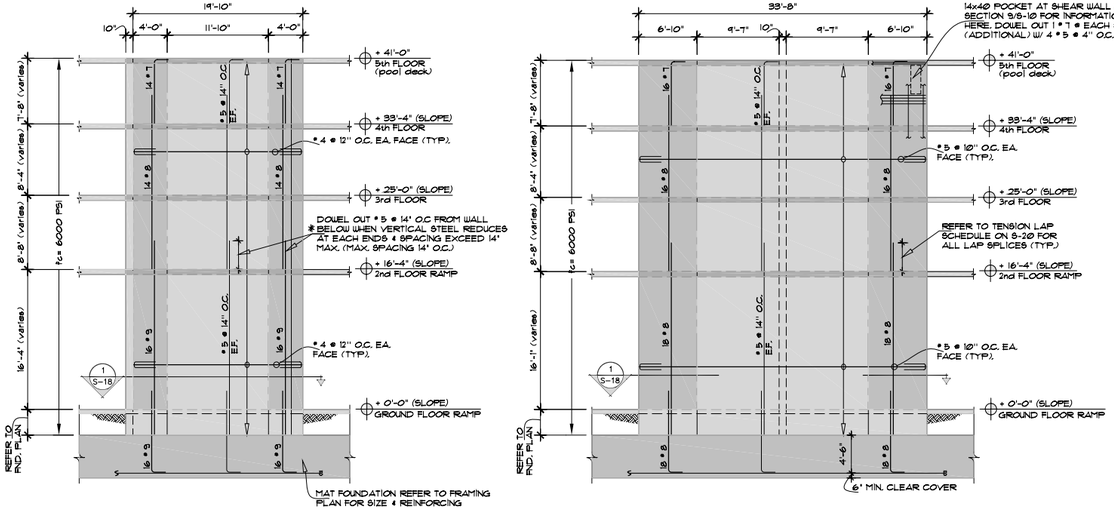


SHEAR WALL NOTES:

1. ALL GRADE STEEL MUST HAVE ROLLED IN GRADE MARKS AND BE IN FULL ACCORDANCE WITH ACI 318-05/ 318R-05, F_y= 60 KSI (TYPICAL)
2. BARS ARE TO BE TERMINATED A FULL TENSION DEVELOPMENT LENGTH ABOVE THE POINT LAST NOTED ON THE SHEAR WALL ELEVATION.
3. ALL SPLICES SHALL BE CLASS 'B' TENSION LAP SPLICE , IF CASE 1 AND CASE 2 APPLIES, THEN THE LONGER SPLICE LENGTH SHALL BE USED.
4. ALL STEEL THAT STARTS AT ANY LEVEL SHALL HAVE DOWELS FROM THE LEVEL BELOW.
5. AT CONTRACTORS OPTION , THE MAIN VERTICAL STEEL MAY BE INSTALLED WITH TWO FLOOR LIFTS USING THE NUMBER OF BARS FROM LOWER LEVEL. CARE SHALL BE TAKEN TO KEEP STEEL STRAIGHT AND IN LINE FROM THE FIRST CONCRETE POUR.
6. ALL LAP SPLICES SHALL BE 'CONTACT SPLICE' FOR FULL LENGTH OF SPLICE.
7. ALL MECHANICAL SPLICES SHALL BE STAGGERED 50%. ALLOW 36" BETWEEN COUPLERS. (N/A TO THIS PROJECT)
8. PROVIDE 'U' BANDS WHERE INDICATED ON PLANS. SIZE AND SPACING TO MATCH HORIZONTAL REINFORCING (U.O.N.)
9. ALL HAIRPINS SHALL BE # 4 EVERY OTHER VERTICAL BAR WHERE SPACING IS LESS THAN 6" AND AT EVERY BAR WHERE SPACING IS GREATER THAN 6" AT COLUMN END OF SHEAR WALLS (U.O.N.).
10. ALL HAIRPINS PROVIDED FOR VERTICAL STEEL SHALL OCCUR AT EVERY OTHER ROW OF HORIZONTAL STEEL VERTICALLY (U.O.N.).
11. M.S. || ON PLAN INDICATES MECHANICAL SPLICE, 125% OF YIELD STRENGTH IN TENSION AND COMPRESSION , LENTON COUPLER
12. PROVIDE CLASS 'B ' SPLICE FOR SHEAR WALL REINFORCING TYPICAL
13. REPLACE VERTICAL STEEL AT EACH END OF THE SHEAR WALL WITH # 5 AT UPPER LEVEL AS THE VERTICAL STEEL DECREASE AND SPACING EXCEED 14" MAX.

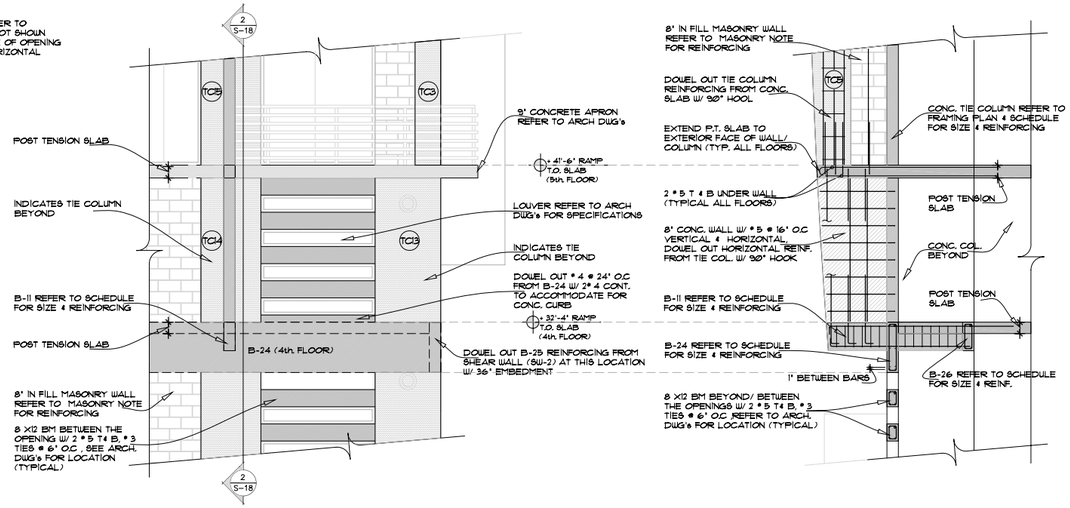
SHEARWALL DOWEL LAYOUT

3/8" = 1'-0" (SHEAR WALLS # 9 & # 10) — 1/S-18



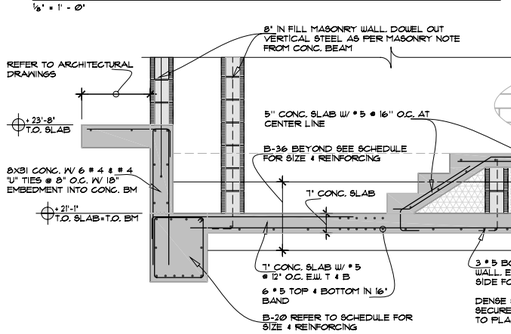
DETAIL FOR TERMINATING SHEAR WALL REINFINFORCING

1/2" = 1'-0"



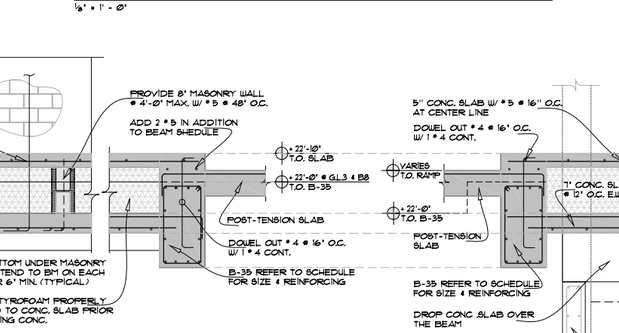
SHEAR WALL SW-9 ELEVATION

1/8" = 1'-0"



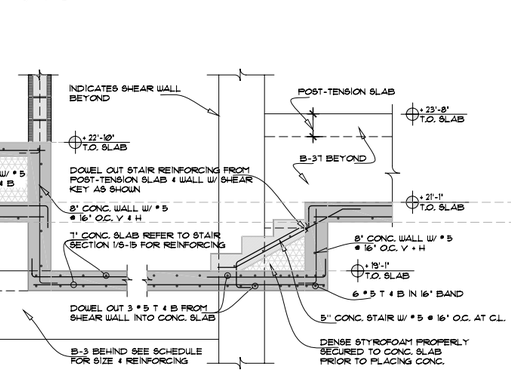
SHEAR WALL SW-10 ELEVATION

1/8" = 1'-0"



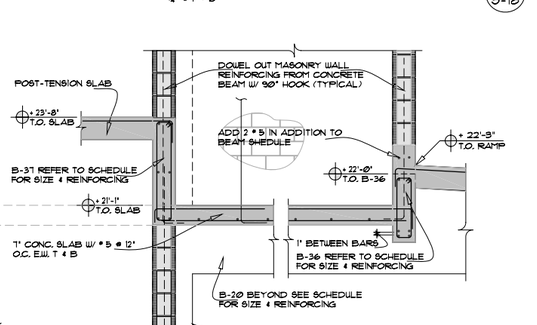
PARTIAL SOUTH STRUCTURAL BEAM ELEVATIONS

1/4" = 1'-0"



SECTION

2/S-18



SECTION

3/S-18 — 1/2" = 1'-0"

SECTION

4/S-18 — 1/2" = 1'-0"

SECTION

5/S-18 — 1/2" = 1'-0"

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