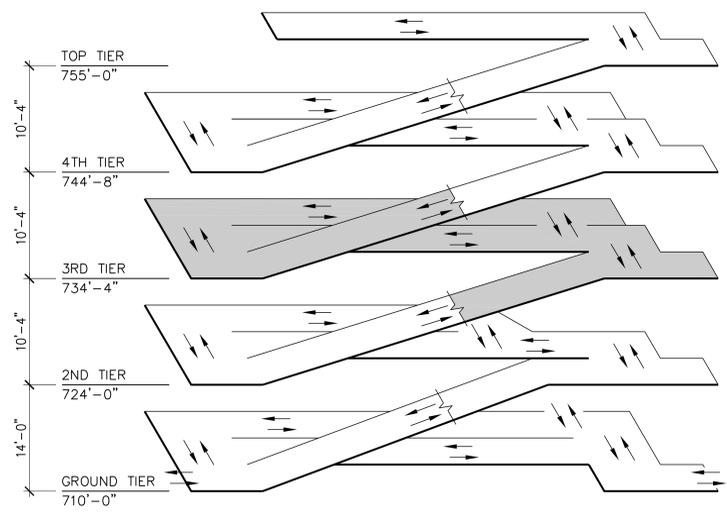
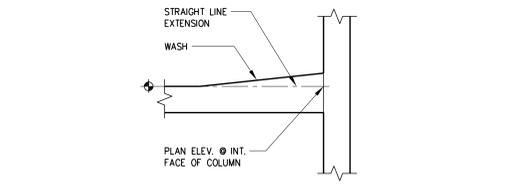


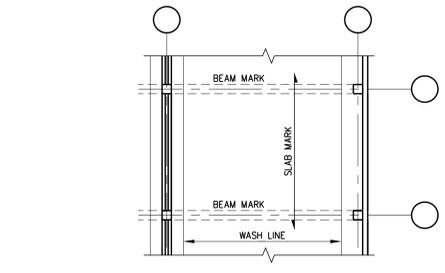
F5 THIRD TIER PLAN



ISOMETRIC



D7 PLAN ELEVATION KEY



F7 TYPICAL BAY PLAN

WARNING: THE FLOOR SLAB HAS POST-TENSIONING TENDONS NEAR BOTH SURFACES OF THE SLAB. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN THE SLAB SO AS NOT TO DAMAGE THE TENDONS OR TENDON SHEATHING. TENDONS MAY BREAK WITH EXPLOSIVE FORCE WHEN CUT. NO ANCHORS MAY BE DRILLED OR SHOT INTO THE SLAB WITHOUT FIRST LOCATING THE TENDONS AND THEN THE ANCHORS CAN NOT BE MORE THAN 3/4" LONG.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THERE IS A MINIMUM OF 7'-2" HEADROOM BETWEEN ALL DRIVING SURFACES AND OVERHEAD BEAMS PRIOR TO PLACING CONCRETE.

- SHEET NOTES:**
- FOR GENERAL NOTES SEE SHEET S-001.
 - FOR TYPICAL DETAILS SEE SHEET S-002.
 - FOR SUGGESTED POUR SEQUENCE SEE SHEET S-003.
 - LEVEL 3 IS INTENDED TO REPRESENT THE TYPICAL LEVEL PLAN. SHEET NOTES, DETAIL REFERENCES, SLAB INFORMATION, BEAM MARKS AND OTHER INFORMATION SHOWN ON THIS SHEET APPLY TO ALL SUPPORTED LEVEL PLANS UNLESS OTHERWISE NOTED.
 - FOR GARAGE ELEVATOR/STAIR AND STAIR TOWER PLANS, SEE S-400 SERIES SHEETS.
 - USE STRAIGHT LINE INTERPOLATION FOR FLOOR ELEVATIONS BETWEEN THOSE INDICATED.
 - FOR PLAN ELEVATION KEY SEE DETAIL D7/S-103.
 - FOR TYPICAL BAY PLAN, SEE DETAIL F7/S-103.
 - SEE TABLES ON SHEET S-601 FOR SPACING BARS AND STANDARD HOOKS IN SLABS.
 - VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
 - VERIFY ALL TOP OF SLAB ELEVATIONS AND LOCATION OF OPENINGS AND SIZES WITH ARCHITECTURAL DRAWINGS.
 - ALL COLUMNS ARE CENTERED ON GRID UNLESS NOTED.
 - FOR FLOOR DRAIN DETAILS SEE PLUMBING DRAWINGS.
 - FOR COLUMN SCHEDULE SEE SHEET S-510.
 - SLAB CONSTRUCTION IS 5 1/2" POST-TENSIONED CONCRETE, UNLESS NOTED OTHERWISE.
 - FOR SLAB DETAILS, P/T FORCE SCHEDULE AND MILD REINFORCEMENT SCHEDULE, SEE SHEET S-510.
 - MAIN TENDON PLACING INFORMATION:
 - FROM THE BOTTOM OF THE SLAB TO CENTER OF POST-TENSION TENDON, TYPICAL SLAB ORDINATES ARE AS FOLLOWS:
 - AT STRESSING AND ANCHORAGE ENDS.....AT MID-DEPTH OF SLAB
 - OVER SUPPORTS.....AT 3 1/4" ABOVE SLAB SOFFIT
 - AT MIDDLE OF SPAN.....AT 1" ABOVE SLAB SOFFIT
 - HEIGHT LISTED ON PLAN INSIDE OF BOX INDICATES DEVIATION FROM TYPICAL TENDON ORDINATE AND IS MEASURED FROM SLAB SOFFIT.
 - AT END SPANS, LOCATE LOW POINT OF CENTROID OF P/T TENDONS AT 0.45L, WHERE "L" IS THE SPAN LENGTH AND 0.45L IS MEASURED FROM THE EXTERIOR GRID LINE.
 - SUPPORT BARS FOR SLAB TENDONS, WHERE NEEDED, SHALL BE #4 BARS.
 - TEMPERATURE TENDONS SHALL BE PLACED ON TOP OF MAIN SLAB TENDONS AND AT MID-DEPTH OF SLAB AT ANCHORAGE. SEE PLANS FOR TEMPERATURE LOCATIONS.
 - PROVIDE INTERMEDIATE STRESSING ANCHORS AT CONSTRUCTION JOINTS, TYP.
 - POST-TENSION TENDON PLACEMENT AT SLAB EDGE, SEE DETAIL B3/S-510.
 - SEE SHEET S-511 FOR TENDON PLACEMENT AT SLAB OPENING.
 - SEE SHEET S-511 FOR MORE SLAB TENDON ORDINATE AT SKEWED AREA.
 - RT INDICATES SLAB TOP REINFORCEMENT. USE STANDARD HOOK FOR TOP BARS AT SLAB EDGES.
 - RB INDICATES SLAB BOTTOM REINFORCEMENT.
 - DISTRIBUTE TOP AND BOTTOM SLAB REINFORCING PER DETAIL F1/S-510, U.N.O.
 - SEE D1/S-510 FOR CORNER COLUMN SLAB REINFORCING DETAIL.
 - WHERE SHOWN THUS [||||], PROVIDE (4) #4 x 8'-0" @ 4" O.C. PLACED AT MID-DEPTH OF SLAB.
 - PROVIDE #4 x 10'-0" @ 12" O.C. (EPOXY) TOP BARS CENTERED OVER ORDERS. PLACE JUST BELOW TYPICAL SLAB TOP BARS.
 - PROVIDE #4 x 8'-0" @ 12" O.C. (EPOXY) TOP BARS EXTENDING OUT FROM EDGE ORDERS. PLACE JUST BELOW TYPICAL TOP SLAB BARS.
 - SLAB CONSTRUCTION JOINT, PARALLEL TO SLAB SPAN, SEE DETAIL F5/S-510.
 - SLAB CONSTRUCTION JOINT, PERPENDICULAR TO SLAB SPAN, SEE DETAIL F3/S-510.
 - B INDICATES P/T BEAM, SEE SCHEDULE ON SHEET S-620.
 - G INDICATES P/T ORDER, SEE SCHEDULE ON SHEET S-620.
 - FOR PIPE PENETRATIONS THRU BEAMS SEE DETAIL F7/S-621.
 - POST-TENSION TENDON AND REBAR PLACEMENT AROUND SLAB OPENINGS SEE DETAILS D5/S-510 AND D7/S-510.
 - BEAM/ORDER AT CONSTRUCTION JOINT, SEE DETAIL F1/S-621.
 - CONTRACTOR SHALL VERIFY/ADJUST ROOM SLAB ELEVATIONS TO ASSURE DOOR SWING IS NOT AFFECTED BY HIGHER ELEVATION OF ADJACENT SLAB-TYPICAL.
 - [|||||] INDICATES HEAVY DUTY TRAFFIC TOPPING MEMBRANE, EXTEND 1'-0" BEYOND LIMITS OF ROOM BELOW. ALSO, SEE DETAIL D1/S-511.
 - SEE F3/S-511 FOR DIAGONAL INTERSECT BEAM STIRRUP DETAIL AT THE NORTH BEAM OF SE ELEVATOR TOWER.
 - SLAB CONSTRUCTION IS 6 1/2" POST-TENSIONED CONCRETE BETWEEN C/D AND 1/3.
 - [---] INDICATES PLAN MATCH LINES.

Scale: one eighth inch = one foot
 one quarter inch = one foot
 one half inch = one foot
 three quarters inch = one foot
 one inch = one foot
 one and one half inches = one foot
 two inches = one foot
 three inches = one foot
 four inches = one foot
 five inches = one foot
 six inches = one foot
 seven inches = one foot
 eight inches = one foot
 nine inches = one foot
 ten inches = one foot
 eleven inches = one foot
 twelve inches = one foot
 thirteen inches = one foot
 fourteen inches = one foot
 fifteen inches = one foot
 sixteen inches = one foot
 seventeen inches = one foot
 eighteen inches = one foot
 nineteen inches = one foot
 twenty inches = one foot
 twenty one inches = one foot
 twenty two inches = one foot
 twenty three inches = one foot
 twenty four inches = one foot
 twenty five inches = one foot
 twenty six inches = one foot
 twenty seven inches = one foot
 twenty eight inches = one foot
 twenty nine inches = one foot
 thirty inches = one foot
 thirty one inches = one foot
 thirty two inches = one foot
 thirty three inches = one foot
 thirty four inches = one foot
 thirty five inches = one foot
 thirty six inches = one foot
 thirty seven inches = one foot
 thirty eight inches = one foot
 thirty nine inches = one foot
 forty inches = one foot
 forty one inches = one foot
 forty two inches = one foot
 forty three inches = one foot
 forty four inches = one foot
 forty five inches = one foot
 forty six inches = one foot
 forty seven inches = one foot
 forty eight inches = one foot
 forty nine inches = one foot
 fifty inches = one foot
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 fifty two inches = one foot
 fifty three inches = one foot
 fifty four inches = one foot
 fifty five inches = one foot
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 eighty nine inches = one foot
 ninety inches = one foot
 ninety one inches = one foot
 ninety two inches = one foot
 ninety three inches = one foot
 ninety four inches = one foot
 ninety five inches = one foot
 ninety six inches = one foot
 ninety seven inches = one foot
 ninety eight inches = one foot
 ninety nine inches = one foot
 one hundred inches = one foot

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Drawing Title THIRD TIER PLAN	Project Title 400 CAR PARKING GARAGE	Project Number 636-402	Office of Construction and Facilities Management Department of Veterans Affairs
Approved: Project Director Iowa City VA Healthcare System Department of Veterans Affairs Medical Center	Location IOWA CITY, IA	Building Number 43	
Date 06/10/2011	Checked BFN	Drawn MKJ	Project Number S-103
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