

SPECIAL INSPECTION

- PARKIN-PERKINS-OLSEN CONSULTING ENGINEERING, INC. (PPO) IS NOT THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT. SPECIAL INSPECTION IS NOT PART OF PPO'S CONTRACT, BUT THE FOLLOWING IS PRESENTED HERE FOR THE BENEFIT OF THE CONTRACTOR AND THE BUILDING OFFICIAL.
- THE OWNER OR REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTION DURING CONSTRUCTION IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN SECTION 109 OF THE INTERNATIONAL BUILDING CODE.
- SPECIAL INSPECTORS SHALL MAINTAIN AND SUBMIT REPORTS IN ACCORDANCE WITH SECTION 1704.1.2 OF THE INTERNATIONAL BUILDING CODE.
- INSPECTIONS REQUIRED:

INSPECTION TASKS PER 2006 IBC	INSPECTION FREQUENCY	
	CONTINUOUS	PERIODIC

STEEL CONSTRUCTION (SECTION 1704.3 AND TABLE 1704.3)		
STEEL FABRICATION PROCESS PER 1704.2		X
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS		X
INSPECTION OF HIGH-STRENGTH BOLTING (REFER TO SECTION 1704.3.3 FOR INSPECTION TYPE)	X	X
MATERIAL VERIFICATION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH SECTION 1708.4	-	-
MATERIAL VERIFICATION OF WELD FILLER MATERIALS SHALL BE IN ACCORDANCE WITH AISC 360, SECTION A3.5	-	-
WELDING (REFER TO 1704.3 FOR EXCEPTIONS TO CONTINUOUS INSPECTION)	X	X
STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS		X

CONCRETE CONSTRUCTION (SECTION 1704.4 AND TABLE 1704.4)		
REINFORCING STEEL PLACEMENT		X
REINFORCING STEEL WELDING	X	
BOLTS INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE	X	
VERIFICATION OF USE OF REQUIRED MIX DESIGN		X
TESTING OF FRESH CONCRETE SLUMP, AIR CONTENT AND TEMPERATURE	X	
CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	
MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X
PRESTRESSED CONCRETE	X	
ERECTION OF PRECAST CONCRETE MEMBERS		X
VERIFICATION OF CONCRETE STRENGTH PRIOR TO STRESSING OF TENDONS AND PRIOR TO SHORE AND FORM REMOVAL		X
FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X

MASONRY CONSTRUCTION (SECTION 1704.5 AND TABLE 1704.5.1)		
SITE-PREPARED MORTAR		X
CONSTRUCTION OF MORTAR JOINTS		X
LOCATION OF REINFORCEMENT AND CONNECTORS		X
VERIFY SIZE AND LOCATION OF STRUCTURAL ELEMENTS		X
VERIFY TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION		X
VERIFY SIZE, GRADE AND TYPE OF REINFORCEMENT		X
VERIFY WELDING OF REINFORCING BARS	X	
VERIFY PROTECTION OF MASONRY DURING COLD OR HOT WEATHER		X
VERIFY PRIOR TO GROUTING; GROUT SPACE IS CLEAN, PLACEMENT OF REINFORCEMENT AND CONNECTORS, PROPORTIONS OF SITE-PREPARED GROUT, AND CONSTRUCTION OF MORTAR JOINTS		X
GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENT PROVISIONS	X	
PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS SHALL BE OBSERVED	X	
COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED		X

WOOD CONSTRUCTION (SECTION 1704.6)		
WOOD FABRICATION PROCESS PER SECTION 1704.2		X

SOILS (SECTION 1704.7)		
VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		X
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X
PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS		X
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL	X	
PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X

1 SCHEDULE
NO SCALE

DOWEL SCHEDULE					
MARK	SIZE	A	B	C	
DWL. A	#4	2'-6"	1'-0"	-	
DWL. B	#5	2'-9"	0'-8"	-	
DWL. C	#3	1'-6"	1'-0"	-	
DWL. D	#3	2'-0"	0'-8"	-	
DWL. E	#4	2'-0"	AS REQ'D	-	
DWL. F	#4	AS REQ'D	0'-8"	-	
DWL. G	#4	2'-6"	0'-8"	0'-8"	

NOTES:

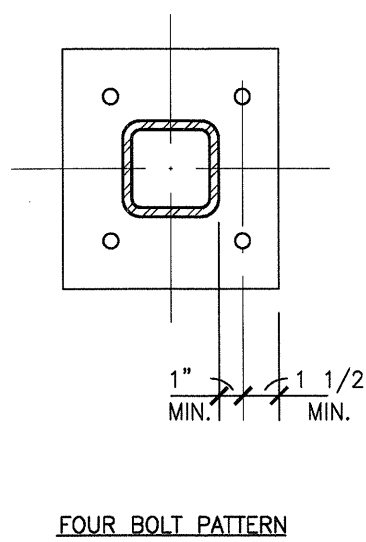
- SCHEDULED DOWELS ARE MARKED "DWL." ON THE SECTIONS AND DETAILS.
- DOWEL SPACING TO BE THE SAME AS VERTICAL BEAM OR WALL REINFORCEMENT, UNLESS NOTED OTHERWISE.
- STRAIGHT BARS SHALL BE PLACED WITH ONE HALF OF BAR LENGTH ON EACH SIDE OF COLD JOINT, UNLESS NOTED OTHERWISE.

2 SCHEDULE
NO SCALE

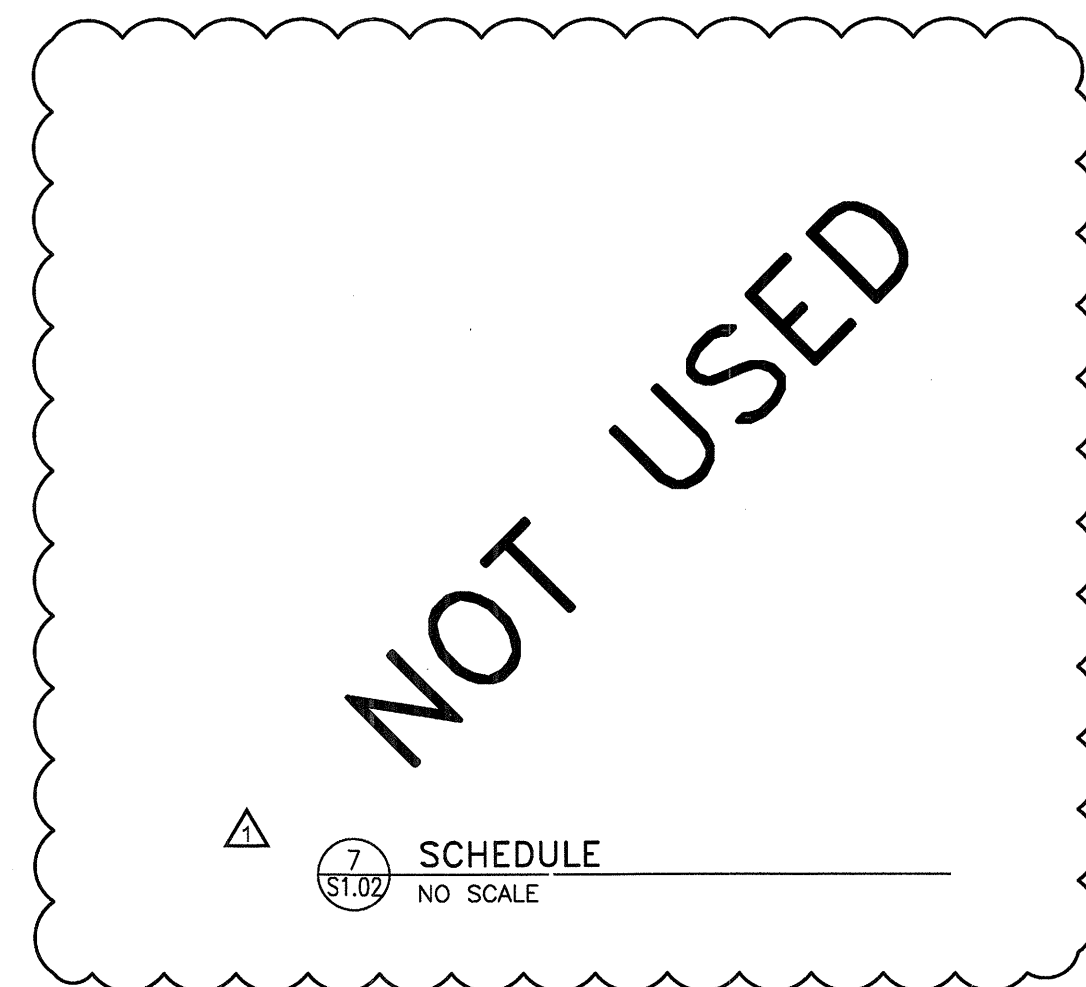
COLUMN BASE PLATE SCHEDULE					
COLUMN SIZE	LOCATION	BASE PLATE	ANCHOR BOLTS	EMBEDMENT	HOOK
TS4x4	TYP. U.N.O.	3/4"x12" x 1'-0"	4-3/4"	1'-0"	4"
TS5x5	REF. PLAN	3/4"x14" x 1'-2"	4-3/4"	1'-0"	4"
TS6x6	REF. PLAN	1"x15" x 1'-3"	4-1"	1'-6"	5"

NOTES:

- OVERSIZED HOLES IN PLATES ARE PERMITTED FOR TOLERANCE ON LOCATION OF ANCHOR BOLTS IN CONCRETE FOUNDATIONS, REFERENCE MANUAL OF STEEL CONSTRUCTION, LATEST EDITION FOR HOLE SIZES.



5 SCHEDULE
NO SCALE



7 SCHEDULE
NO SCALE

REINFORCING LAP SPLICE SCHEDULE			
BAR SIZE	LAP	BAR SIZE	LAP
3	1'-6"	8	4'-8"
4	2'-0"	9	5'-4"
5	2'-6"	10	6'-0"
6	3'-0"	11	6'-8"
7	4'-2"		

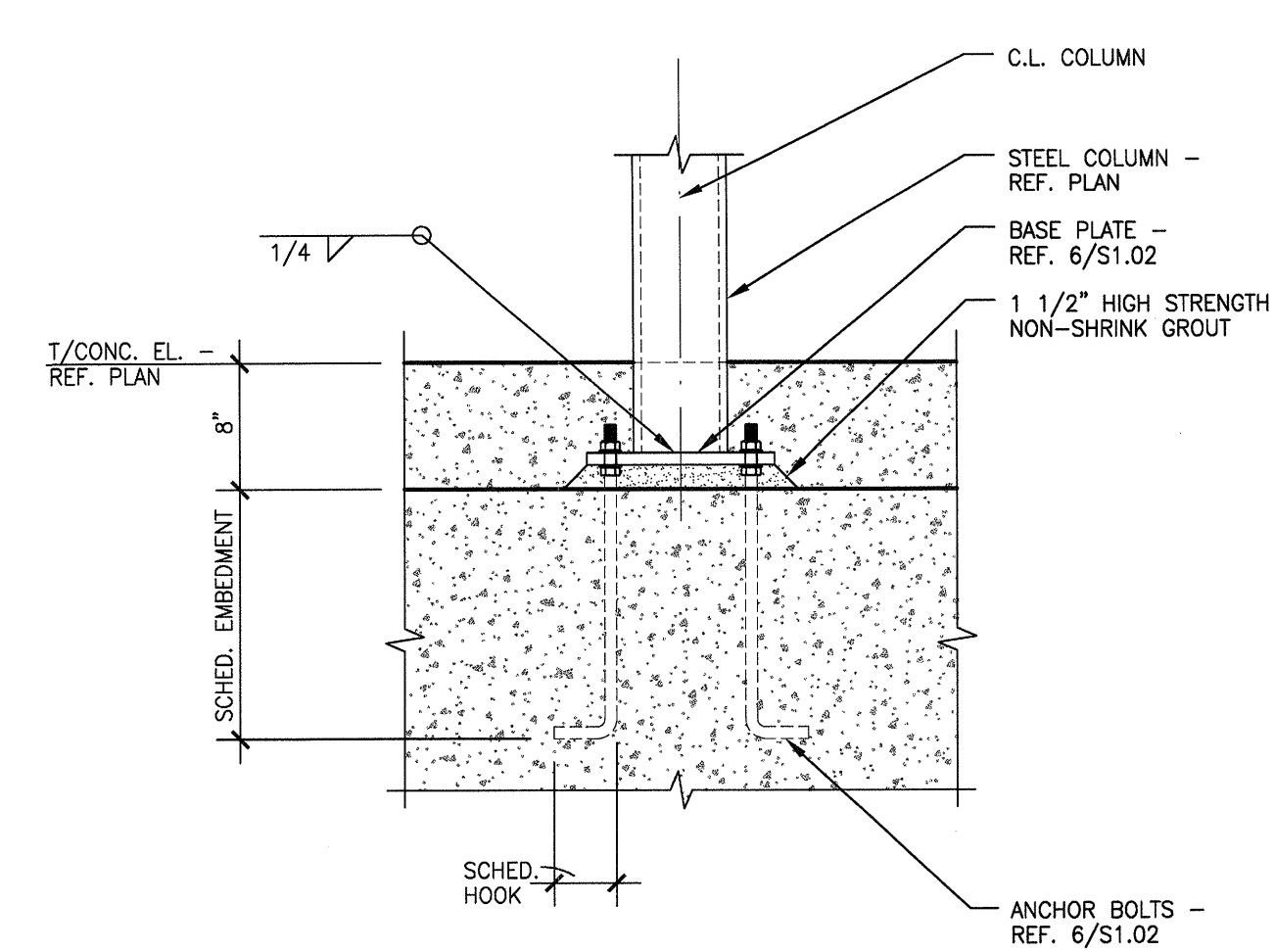
3 SCHEDULE
NO SCALE

FOOTING SCHEDULE					
MARK	WIDTH	LENGTH	DEPTH	REINFORCEMENT	
F40	4'-0"	4'-0"	NOTE 1.	5-#5 EACH WAY	
F45	4'-6"	4'-6"	NOTE 1.	5-#5 EACH WAY	
F50	5'-0"	5'-0"	NOTE 1.	6-#5 EACH WAY	
F60	6'-0"	6'-0"	NOTE 1.	6-#6 EACH WAY	
F70	7'-0"	7'-0"	NOTE 1.	7-#7 EACH WAY	
F85	8'-6"	8'-6"	NOTE 1.	8-#6 SHORT DIRECTION, 6-#6 LONG DIRECTION	

NOTES:

- FOOTING DEPTH SHALL MATCH GRADE BEAM DEPTH, U.N.O.

6 SCHEDULE
NO SCALE



4 TYPICAL BASE PLATE DETAIL
NO SCALE

REVISIONS

SLAB ON VOID FOUNDATION 11/18/2011

KELLER SPRINGS LOFTS

LOFT APARTMENTS IN ADDISON, TEXAS

CONSTRUCTION ISSUE
10-17-2011



4144 N. Central Expy.,
Suite B55
Dallas, TX 75204
214.520.8878
bgoarchitects.com

DATE

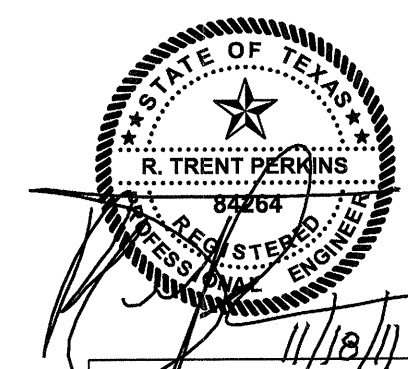
08-05-2011

PROJECT

11129

SHEET NUMBER

S1.02



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PARKIN - PERKINS - OLSEN
CONSULTING ENGINEERING, INC.
9330 LBJ Freeway Suite 1055
Dallas, Texas 75243
Tel 214.221.2220 Fax 214.221.2252
Project No. 39155
Registration No. F-1479

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