

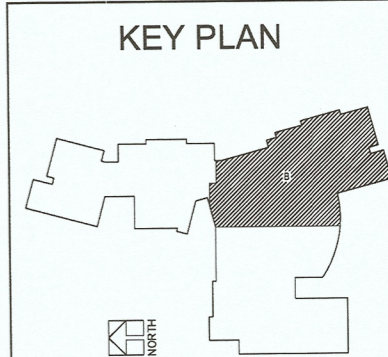
STUD WALL FRAMING SCHEDULE

STUD WALL FRAMING	MAX HEIGHT OF STUD WALL
2X8 DF-L @ 16\"/>	

COLUMN SCHEDULE

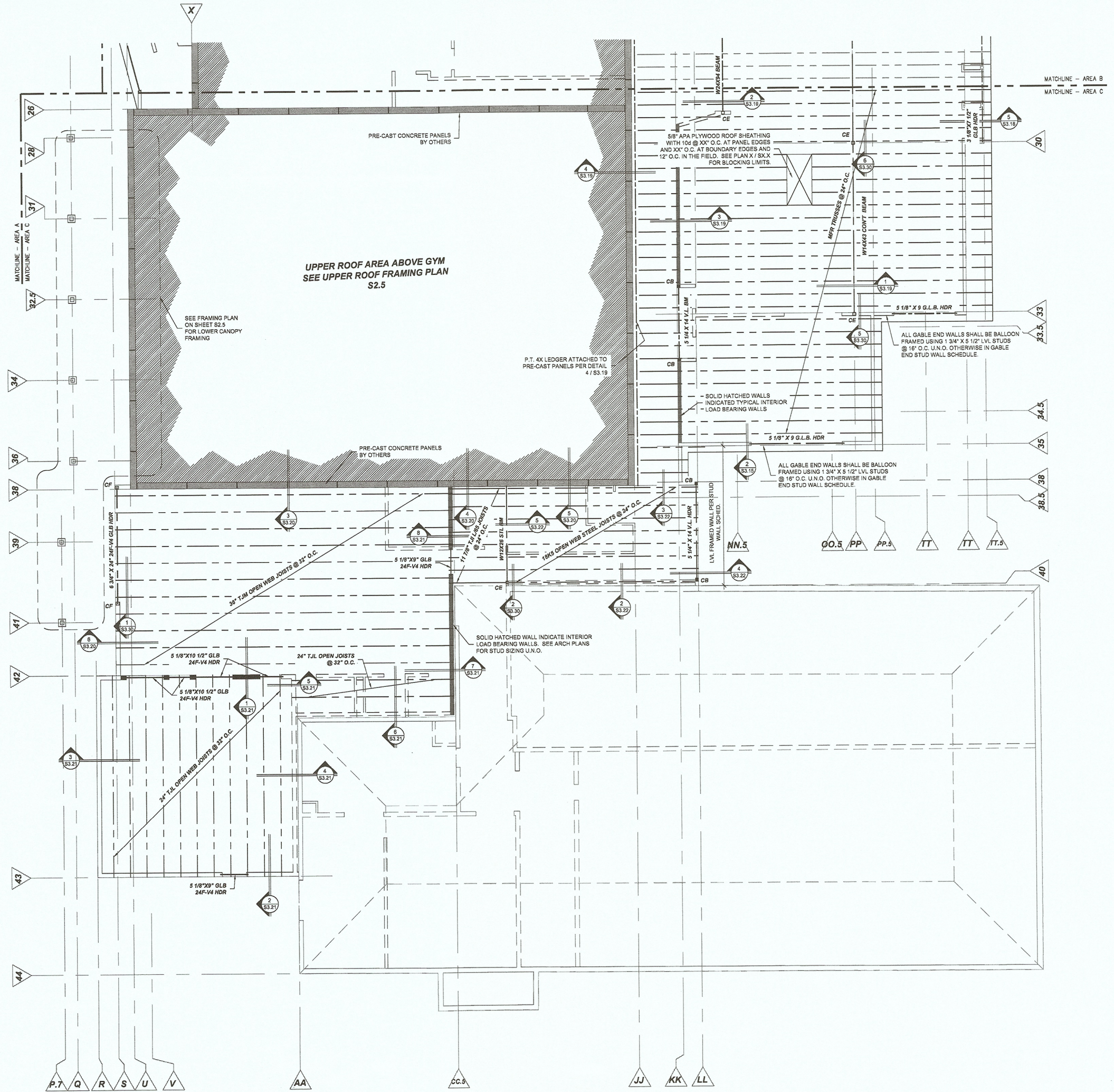
COLUMN MARK	COLUMN SIZE
CA	(2) 2X8 DF-L #2
CB	(3) 2X8 DF-L #2
CC	6X8 DF-L #2
CD	HSS 3X4X3/8
CE	HSS 5X5X1/4
CF	HSS 6X6X1/4
CG	HSS 12X12X5/8

SPECIAL HEADER SUPPORT NOTES:
 ALL EXTERIOR AND INTERIOR HEADERS SHALL BE SUPPORTED WITH DOUBLE TRIMMER STUDS AND SING KING STUDS, UP TO 6'-0" IN WIDTH. HEADERS BETWEEN 8'-0" AND 9'-0" IN WIDTH SHALL BE SUPPORTED BY DOUBLE TRIMMERS AND DOUBLE KING STUDS. HEADERS OVER 9'-0" IN WIDTH SHALL BE SUPPORTED BY DOUBLE TRIMMERS AND TRIPLE KING STUDS, UNLESS NOTE OTHERWISE, U.N.C.



PARTIAL ROOF FRAMING PLAN - AREA B
 SCALE: 1/8" = 1'-0"
 NORTH

N:\New Files - Review\1456 - Project\2007\07-4-08-07-DLRCong- BellViewElementary\StructuralDrawings\Structural Drawings (Comment) CD1.dwg
 Mar 10, 2008 12:58pm - Josh Wood



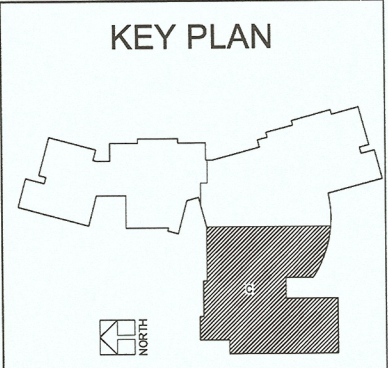
STUD WALL FRAMING SCHEDULE

STUD WALL FRAMING	MAX HEIGHT OF STUD WALL
2X8 DF-L @ 18" O.C.	13'-0"
2X8 DF-L @ 12" O.C.	15'-0"
1 1/2" x 5 1/2" LVL @ 18" O.C.	23'-0"
1 1/2" x 5 1/2" LVL @ 12" O.C.	23'-0"

COLUMN SCHEDULE

COLUMN MARK	COLUMN SIZE
CA	(2) 2X8 DF-L #2
CB	(3) 2X8 DF-L #2
CC	6X8 DF-L #2
CD	HSS 3X4X3/8
CE	HSS 5X5X1/4
CF	HSS 6X6X1/4
CG	HSS 12X12X5/8

SPECIAL HEADER SUPPORT NOTES:
 ALL EXTERIOR AND INTERIOR HEADERS SHALL BE SUPPORTED WITH DOUBLE TRIMMER STUDS AND SING KING STUDS, UP TO 8'-0" IN WIDTH. HEADERS BETWEEN 8'-0" AND 9'-0" IN WIDTH SHALL BE SUPPORTED BY DOUBLE TRIMMERS AND DOUBLE KING STUDS. HEADERS OVER 9'-0" IN WIDTH SHALL BE SUPPORTED BY DOUBLE TRIMMERS AND TRIPLE KING STUDS, UNLESS NOTE OTHERWISE, U.N.O.

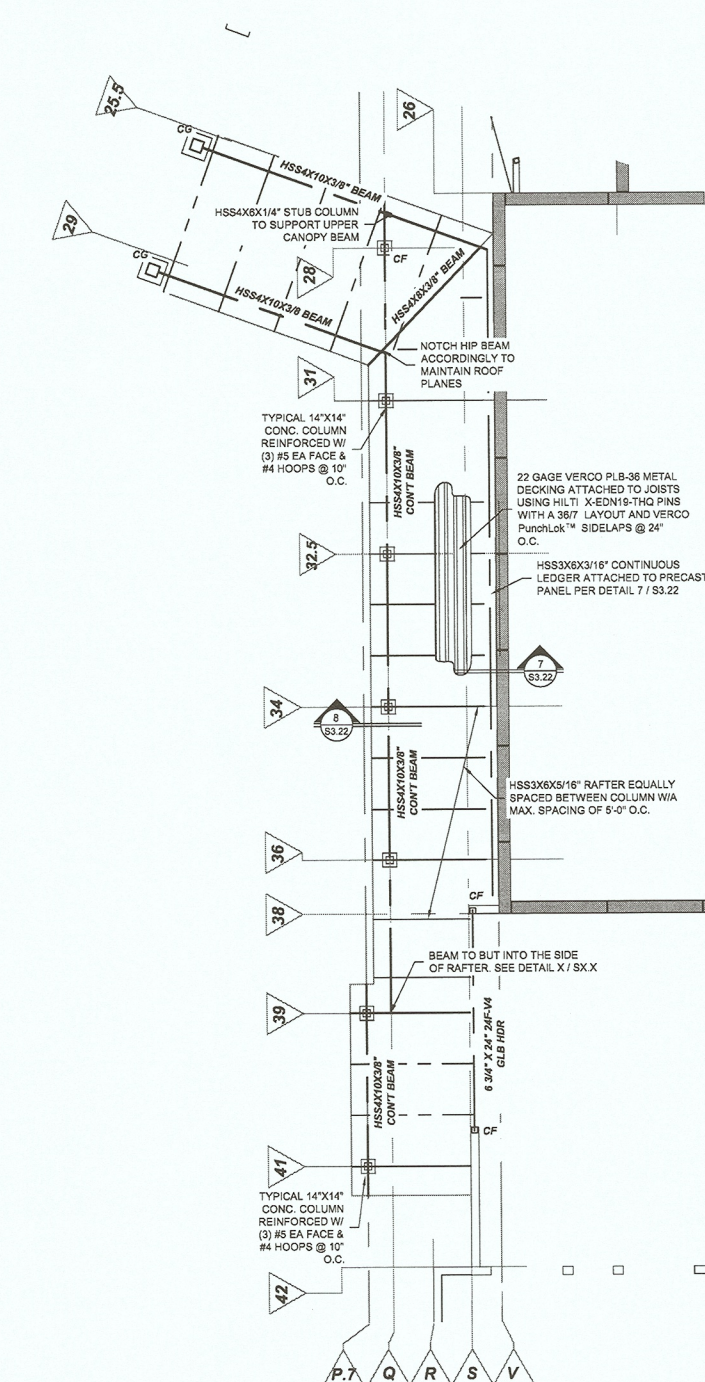
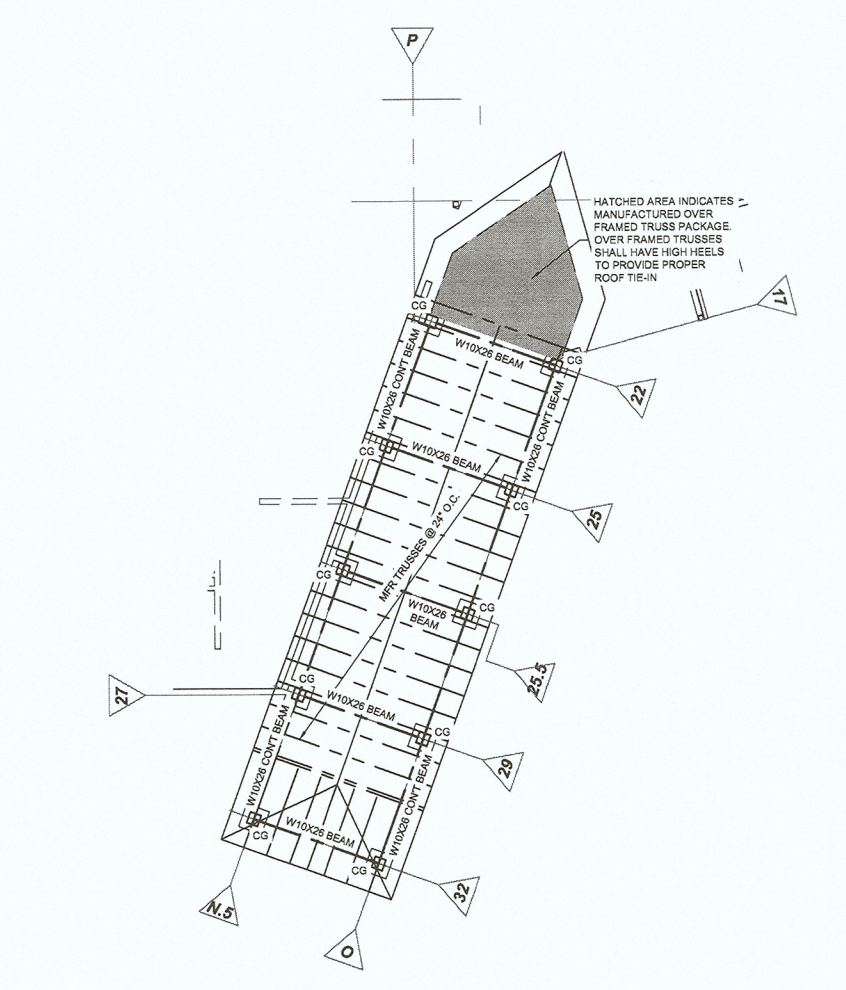
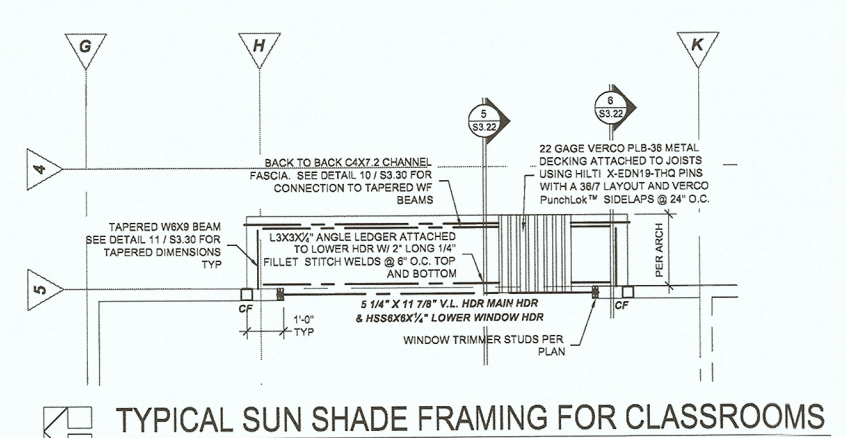
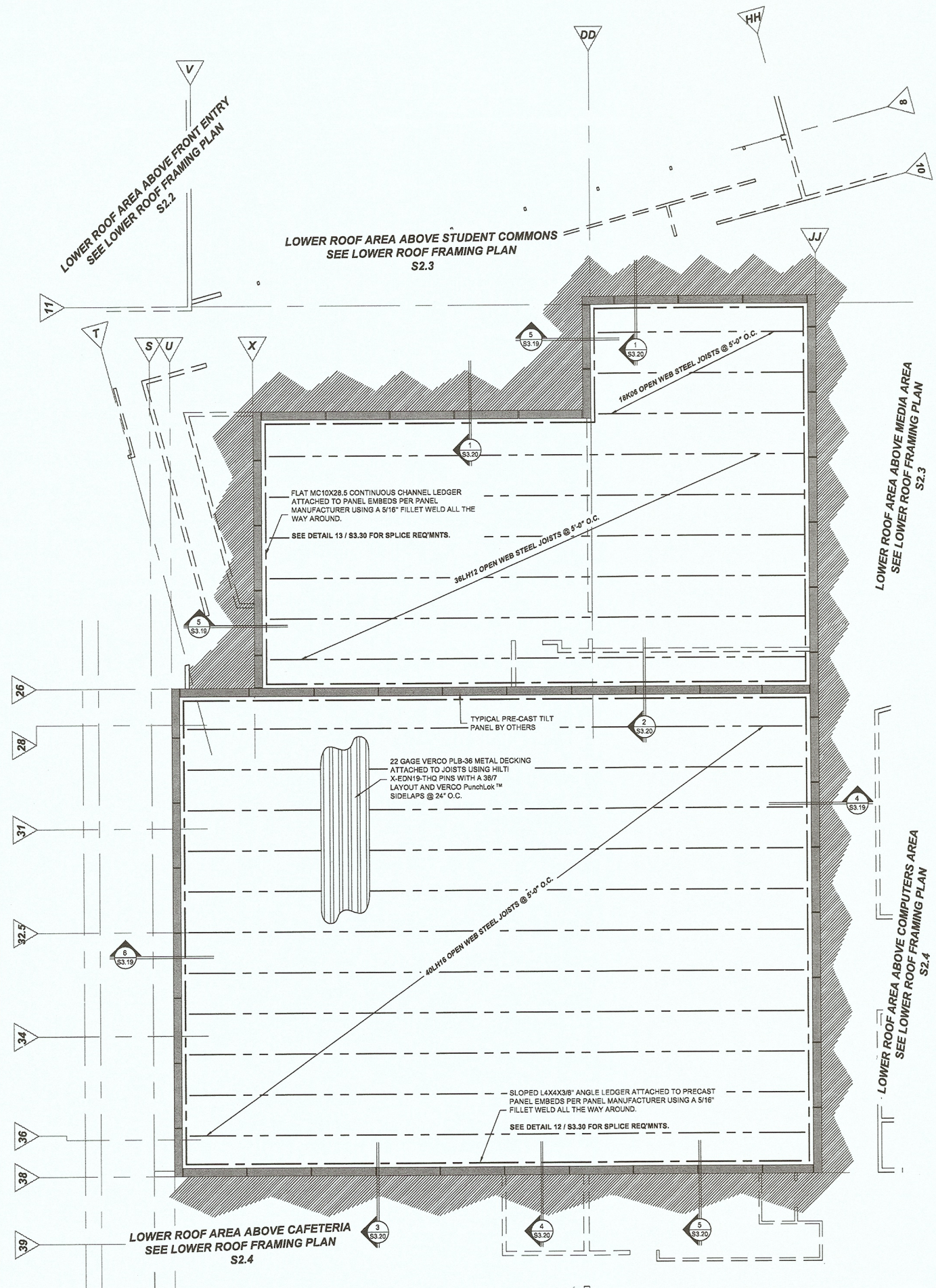


PARTIAL ROOF FRAMING PLAN - AREA C
 SCALE: 1/8" = 1'-0"
 NORTH

PARTIAL ROOF FRAMING PLAN
BELLVIEW ELEMENTARY
QA DRAWING SET

S2.4
 74-07105-30
 03-10-08

K:\New File Structural\VF Projects\007\K-4158-07 DLR Group BellviewElementary\StructuralDrawings\Structural Drawings\K-4158-07 Structural Drawings (Comment) CD1.dwg
 Mar 10, 2008 12:57pm - JashNolan



COLUMN SCHEDULE

COLUMN MARK	COLUMN SIZE
CA	(2) 2X8 DF-L #2
CB	(3) 2X8 DF-L #2
CC	6X8 DF-L #2
CD	HSS 3X4X3/8
CE	HSS 6X5X1/4
CF	HSS 6X8X1/4
CG	HSS 12X12X5/8

K:\New File Structural\KF Project\007007\K-4458-07 DLR Group BellviewElementary\StructuralDrawings\StructuralDrawings\Comments CDJ.dwg
 Mar 10, 2008 12:56pm - jaddison

SHEAR WALL SCHEDULE

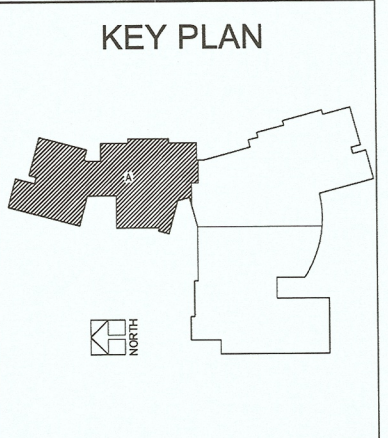
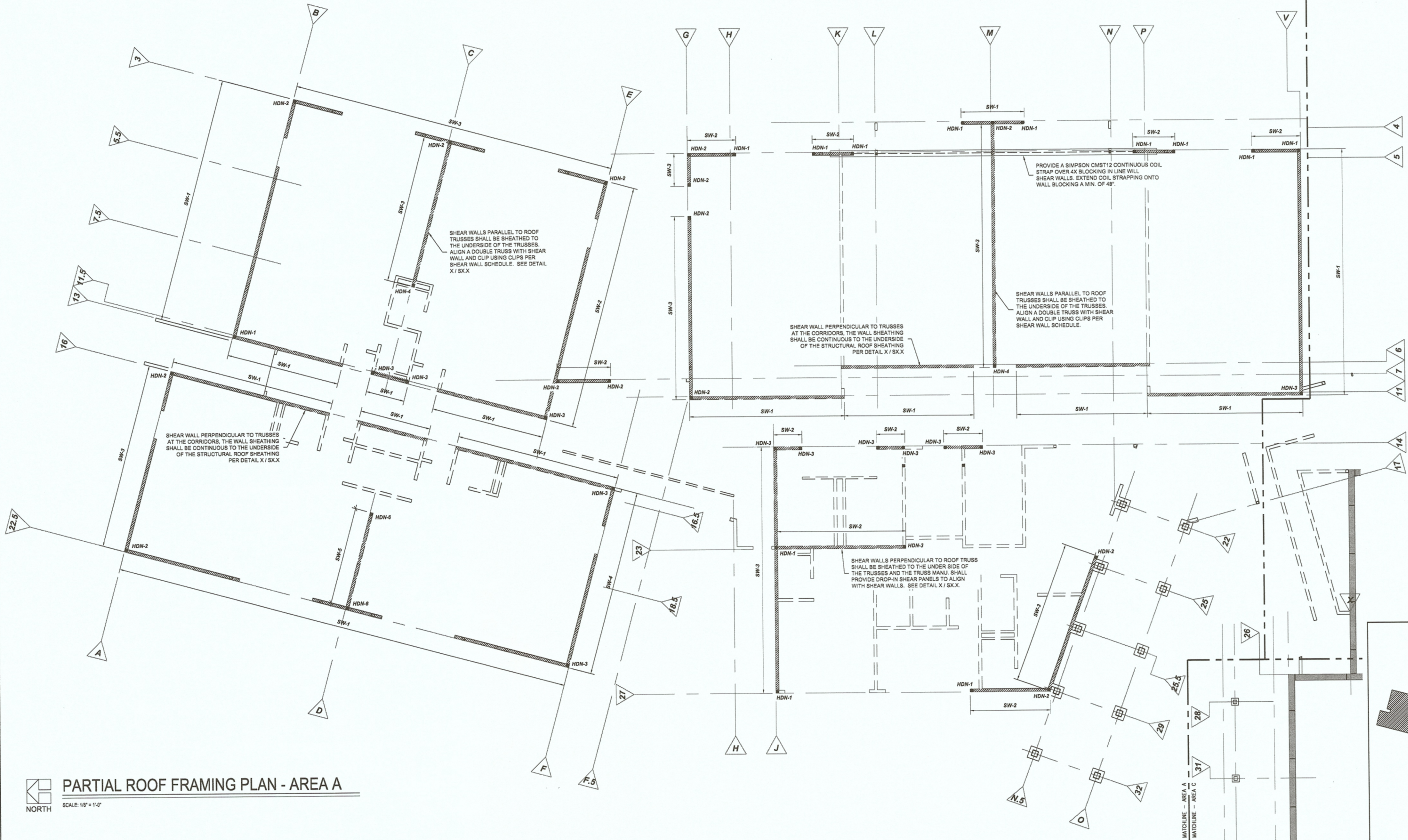
WALL TYPE	ALLOWABLE LOAD (PL)	SHEATHING ON SIDES	EDGE SPACE OF NAILS	MUDSILL	END STUD	CLIP ALONG TOP OF WALL	ANCHOR BOLTS
SW-1	260	ONE	8d @ 5" O.C.	2x	(2) 2x	A35 OR L550 @ 24" O.C. MAX	5/8 @ 48" O.C. MAX
SW-2	380	ONE	8d @ 4" O.C.	2x	(2) 2x	A35 OR L550 @ 18" O.C. MAX	5/8 @ 42" O.C. MAX
SW-3	490	ONE	8d @ 3" O.C.	2x	4x	A35 OR L550 @ 12" O.C. MAX	5/8 @ 33" O.C. MAX
SW-4	800	ONE	10d @ 3" O.C.	2x	8x	A35 OR L550 @ 9" O.C. MAX	5/8 @ 24" O.C. MAX
SW-5	980	TWO	8d @ 3" O.C.	3x	8x	A35 OR L550 @ 9" O.C. MAX	5/8 @ 18" O.C. MAX

HOLDOWN SCHEDULE

HD MARK	ALLOWABLE LOAD (LBS)	SIMPSON HOLDOWN	HOLDOWN ANCHOR
HDN-1	3840	HTT16	SSTB16
HDN-2	5280	HTT22	SSTB24
HDN-3	3840	HTT16	SSTB16
HDN-4	5280	HTT22	SSTB24
HDN-5	9535	HDU8-SDS2.5	SSTB34
HDN-6	11175	HDU11-SDS2.5	SSTB30

1. ALL EXTERIOR WALLS SHALL BE TYPE SW-1 UNLESS OTHERWISE NOTED.
2. WALL SHEATHING SHALL BE 1/2" CD APA RATED PLYWOOD.
3. DOUBLE SIDED SHEAR WALLS SHALL HAVE 3X STUDS AT PANEL JOINTS.
4. NAILING AT INTERMEDIATE SUPPORTS SHALL BE 12" O.C.
5. HATCH INDICATES SHEAR WALLS.
6. ALL PANEL EDGES SHALL BE FULLY BLOCKED.
7. NAILING AROUND WALL PENETRATIONS SHALL CONFORM TO EDGE NAILING REQMTS IDENTIFIED IN SCHEDULE.
8. ALL ANCHOR BOLTS TO BE ASTM A307 - 7" EMBED / 2" HOOK.
9. ALL ANCHOR BOLTS WITHIN SHEAR WALL ZONE SHALL INCLUDE 3/16" X 2" PLATE WASHERS.
10. ANCHOR BOLTS SHALL BE LOCATED WITHIN 12" OF END OF EACH MUDSILL PIECE AND AS SPECIFIED IN SCHEDULE.

1. INSTALL HOLDOWN ASSEMBLY PER MANUF. SPECS.
2. ALL SIMPSON SSTB HOLDOWN ANCHORS TO HAVE 1 3/4" MIN. CONCRETE EDGE DISTANCE AND 4 3/8" CONCRETE END DISTANCE. NO COLD JOINTS ARE ALLOWED IN EMBEDMENT LENGTH OF SSTB ANCHORS.
3. THREADED ROD ANCHORS ARE ONLY FOR HOLDOWN ANCHORS TO BE INSTALLED IN INTERIOR THICKENED SLAB FOOTING. USE SSTB OR SB BOLTS IN STEM WALL LOCATIONS.



PARTIAL ROOF FRAMING PLAN - AREA A
 SCALE: 1/8" = 1'-0"

PARTIAL LATERAL BRACING PLAN
 BELLVIEW ELEMENTARY
 QA DRAWING SET

S2.6
 74-07105-30
 03-10-08

SHEAR WALL SCHEDULE

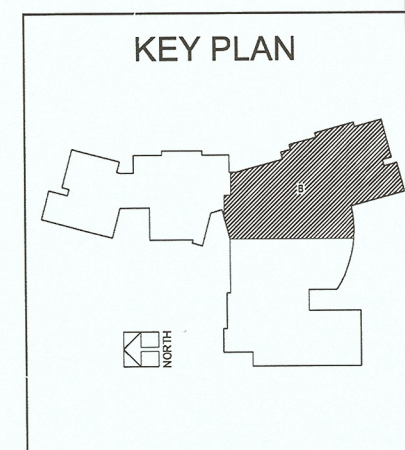
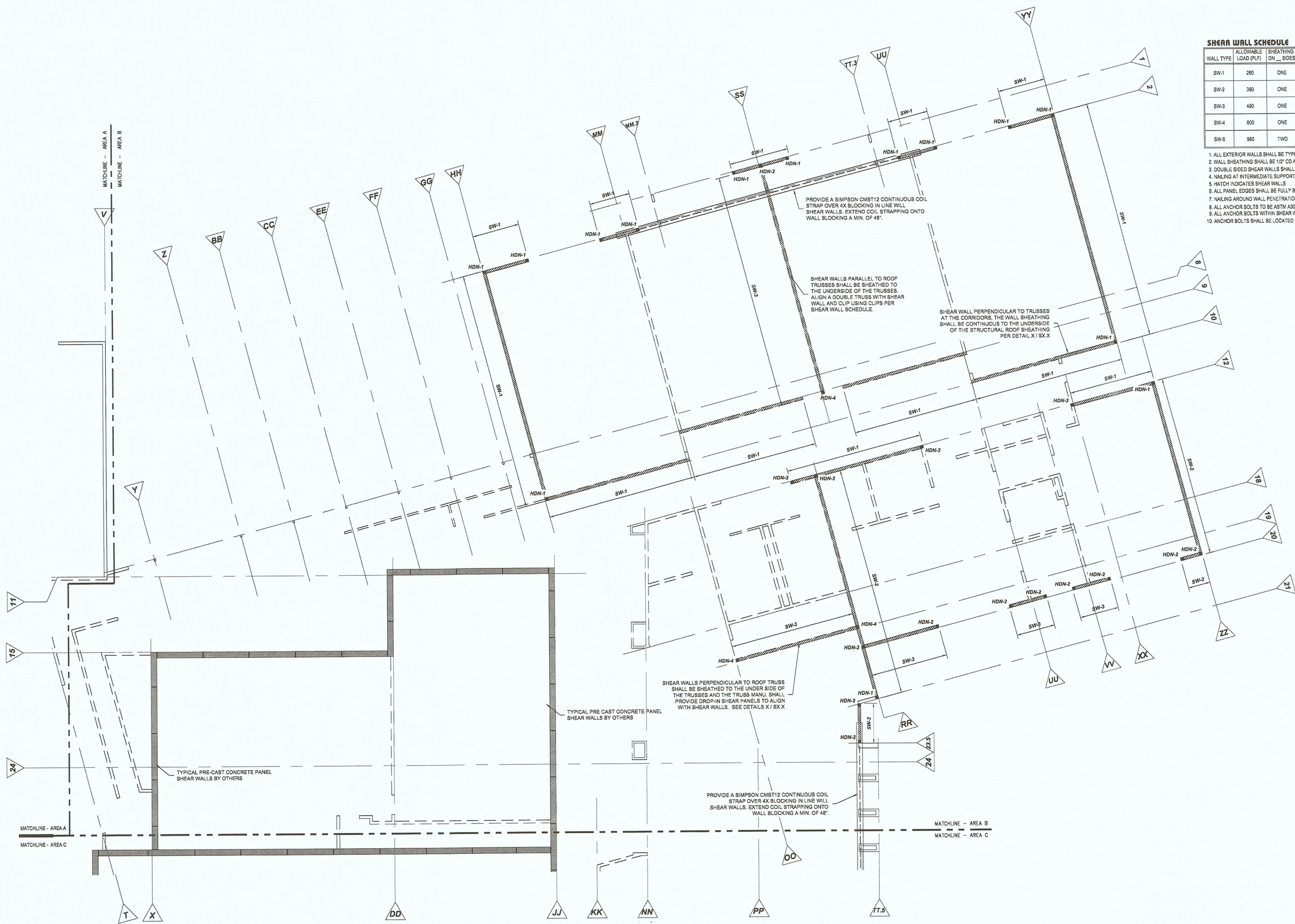
WALL TYPE	ALLOWABLE LOAD (PLF)	SHEATHING ON SIDES	EDGE SPACE OF NAILS	MUDSILL	END STUD	CLIP ALONG TOP OF WALL	ANCHOR BOLTS
SW-1	280	ONE	8d @ 8" O.C.	2x	(2) 2x	A36 OR LSS @ 24" O.C. MAX	5/8" @ 48" O.C. MAX
SW-2	380	ONE	8d @ 4" O.C.	2x	(2) 2x	A36 OR LSS @ 16" O.C. MAX	5/8" @ 42" O.C. MAX
SW-3	480	ONE	8d @ 3" O.C.	2x	4x	A36 OR LSS @ 12" O.C. MAX	5/8" @ 33" O.C. MAX
SW-4	600	ONE	10d @ 3" O.C.	2x	6x	A36 OR LSS @ 9" O.C. MAX	5/8" @ 24" O.C. MAX
SW-5	980	TWO	8d @ 3" O.C.	3x	6x	A36 OR LSS @ 8" O.C. MAX	5/8" @ 16" O.C. MAX

- ALL EXTERIOR WALLS SHALL BE TYPE SW-1 UNLESS OTHERWISE NOTED.
- WALL SHEATHING SHALL BE 1/2" CD APA RATED PLYWOOD.
- DOUBLE SIDED SHEAR WALLS SHALL HAVE 3X STUDS AT PANEL JOINTS.
- NAILING AT INTERMEDIATE SUPPORTS SHALL BE 12" O.C.
- HATCH INDICATES SHEAR WALLS.
- ALL PANEL EDGES SHALL BE FULLY BLOCKED.
- NAILING AROUND WALL PENETRATIONS SHALL CONFORM TO EDGE NAILING REQ'TS IDENTIFIED IN SCHEDULE.
- ALL ANCHOR BOLTS TO BE ASTM A307 - 7" EMBED / 2" HOOK.
- ALL ANCHOR BOLTS WITHIN SHEAR WALL ZONE SHALL INCLUDE 3/16" X 2" PLATE WASHERS.
- ANCHOR BOLTS SHALL BE LOCATED WITHIN 12" OF END OF EACH MUDSILL PIECE AND AS SPECIFIED IN SCHEDULE.

HOLDOWN SCHEDULE

HD MARK	ALLOWABLE LOAD (LBS)	SIMPSON HOLDOWN	HOLDOWN ANCHOR
HDN-1	3840	HTT16	SSTB16
HDN-2	5280	HTT22	SSTB24
HDN-3	3840	HTT16	5/8" A307 X 6" EMBED W/ PLT WASHER
HDN-4	5280	HTT22	3/4" A307 X 6" EMBED W/ PLT WASHER
HDN-5	9535	HOU8-SDS2.5	SSTB34
HDN-6	11175	HOU11-SDS2.5	SB1X30

- INSTALL HOLDOWN ASSEMBLY PER MANUF. SPECS.
- ALL SIMPSON SSTB HOLDOWN ANCHORS TO HAVE 1 3/4" MIN CONCRETE EDGE DISTANCE AND 4 3/8" CONCRETE END DISTANCE. NO COLD JOINTS ARE ALLOWED IN EMBEDMENT LENGTH OF SSTB ANCHORS.
- THREADED ROD ANCHORS ARE ONLY FOR HOLDOWN ANCHORS TO BE INSTALLED IN INTERIOR THICKENED SLAB FOOTING. USE SSTB OR SB BOLTS IN STEM WALL LOCATIONS.

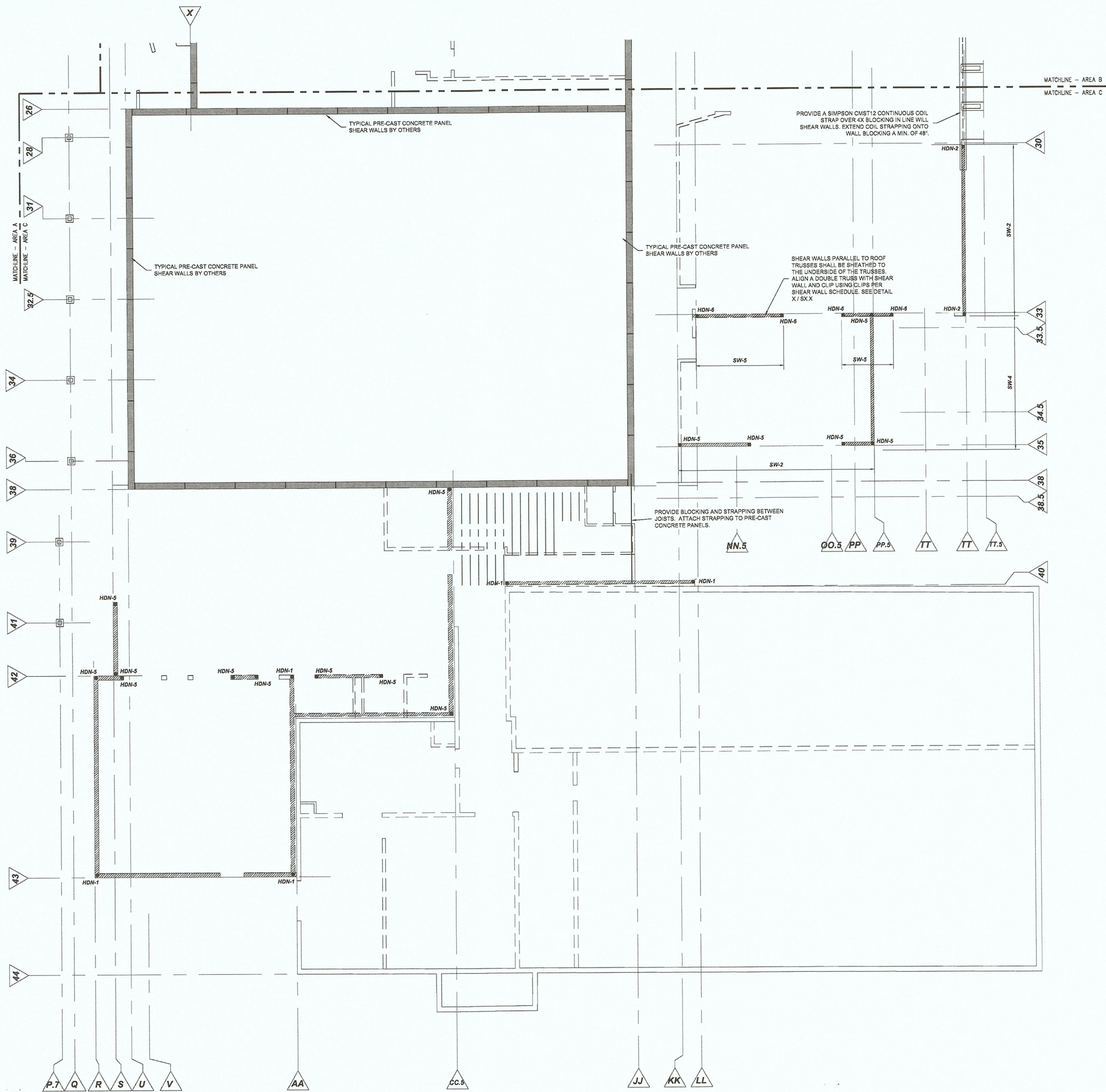


PARTIAL LATERAL BRACING PLAN - AREA B
 SCALE: 1/8" = 1'-0"
 NORTH

K:\New_Files\Structural\Projects\070707\4458-07\DLR\Group\BellviewElementary\Structural\Drawings\Structural Drawings\Comment CDJ.dwg
 Date: 10/20/08 12:59pm - jwh/mobin

PARTIAL LATERAL BRACING PLAN
 BELLVIEW ELEMENTARY
 QA DRAWING SET

S2.7
 74-07105-30
 03-10-08



SHEAR WALL SCHEDULE

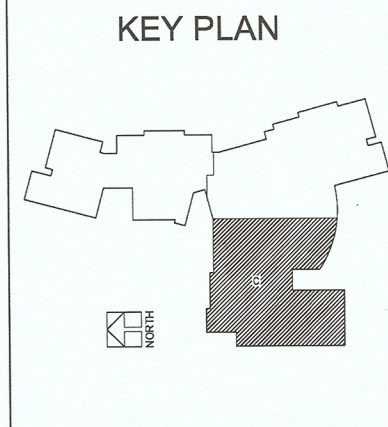
WALL TYPE	ALLOWABLE LOAD (PLF)	SHEATHING ON SIDES	EDGE SPACE OF NAILS	MUDSILL	END STUD	CLIP ALONG TOP OF WALL	ANCHOR BOLTS
SW-1	280	ONE	8d @ 8" O.C.	2x	(2) 2x	A35 OR L580 @ 24" O.C. MAX	5/8" @ 48" O.C. MAX
SW-2	380	ONE	8d @ 4" O.C.	2x	(2) 2x	A35 OR L580 @ 18" O.C. MAX	5/8" @ 42" O.C. MAX
SW-3	490	ONE	8d @ 3" O.C.	2x	4x	A35 OR L580 @ 12" O.C. MAX	5/8" @ 33" O.C. MAX
SW-4	600	ONE	10d @ 3" O.C.	2x	6x	A35 OR L580 @ 9" O.C. MAX	5/8" @ 24" O.C. MAX
SW-5	980	TWO	8d @ 3" O.C.	3x	6x	A35 OR L580 @ 9" O.C. MAX	5/8" @ 18" O.C. MAX

1. ALL EXTERIOR WALLS SHALL BE TYPE SW-1 UNLESS OTHERWISE NOTED.
2. WALL SHEATHING SHALL BE 1/2" CD APA RATED PLYWOOD.
3. DOUBLE SIDED SHEAR WALLS SHALL HAVE 3X STUDS AT PANEL JOINTS.
4. NAILING AT INTERMEDIATE SUPPORTS SHALL BE 12" O.C.
5. HATCH INDICATES SHEAR WALLS.
6. ALL PANEL EDGES SHALL BE FULLY BLOCKED.
7. NAILING AROUND WALL PENETRATIONS SHALL CONFORM TO EDGE NAILING REQ'TS IDENTIFIED IN SCHEDULE.
8. ALL ANCHOR BOLTS TO BE ASTM A307 - 7' EMBED / 2' HOOK
9. ALL ANCHOR BOLTS WITHIN SHEAR WALL ZONE SHALL INCLUDE 3"10"x2" PLATE WASHERS.
10. ANCHOR BOLTS SHALL BE LOCATED WITHIN 12" OF END OF EACH MUDSILL PIECE AND AS SPECIFIED IN SCHEDULE.

HOLD-DOWN SCHEDULE

HD MARK	ALLOWABLE LOAD (LBS)	SIMPSON HOLD-DOWN	HOLD-DOWN ² ANCHOR
HDN-1	3940	HTT16	SSTB16
HDN-2	5260	HTT22	SSTB24
HDN-3	3840	HTT16	5/8" A307 X 9" EMBED WITH T WASHER
HDN-4	5260	HTT22	5/8" A307 X 9" EMBED WITH T WASHER
HDN-5	9535	HDU8-SDS2.5	SSTB34
HDN-6	11175	HDU11-SDS2.5	SB1X30

1. INSTALL HOLD-DOWN ASSEMBLY PER MANUF. SPECS.
2. ALL SIMPSON SSTB HOLD-DOWN ANCHORS TO HAVE 1 3/4" MIN. CONCRETE EDGE DISTANCE AND 4 3/8" CONCRETE END DISTANCE. NO COLD JOINTS ARE ALLOWED IN EMBEDMENT LENGTH OF SSTB ANCHORS.
3. THREADED ROD ANCHORS ARE ONLY FOR HOLD-DOWN ANCHORS TO BE INSTALLED IN INTERIOR THICKENED SLAB FOOTING. USE SSTB OR SB BOLTS IN STEM WALL LOCATIONS.



PARTIAL LATERAL BRACING LAYOUT PLAN - AREA C
 SCALE: 1/8" = 1'-0"
 NORTH

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 Mar 10, 2008 12:54pm - jashhadin