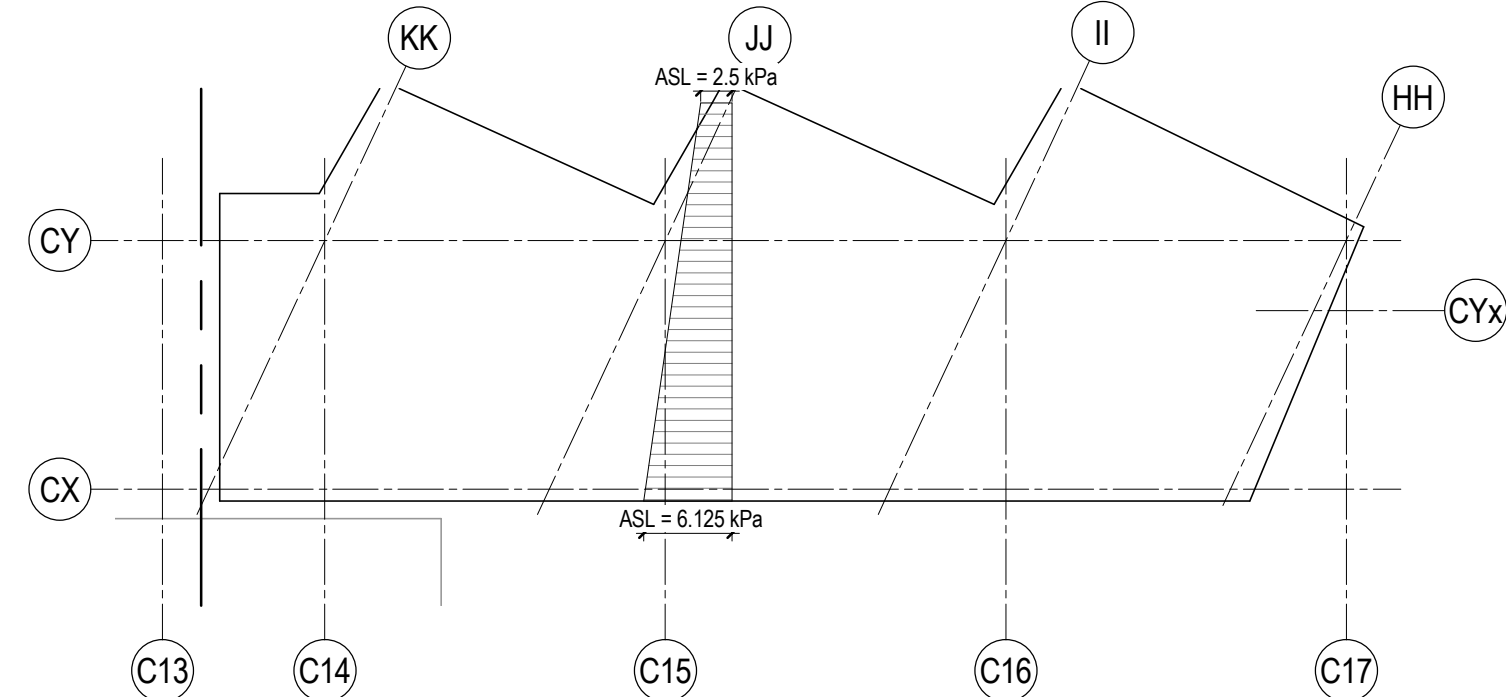


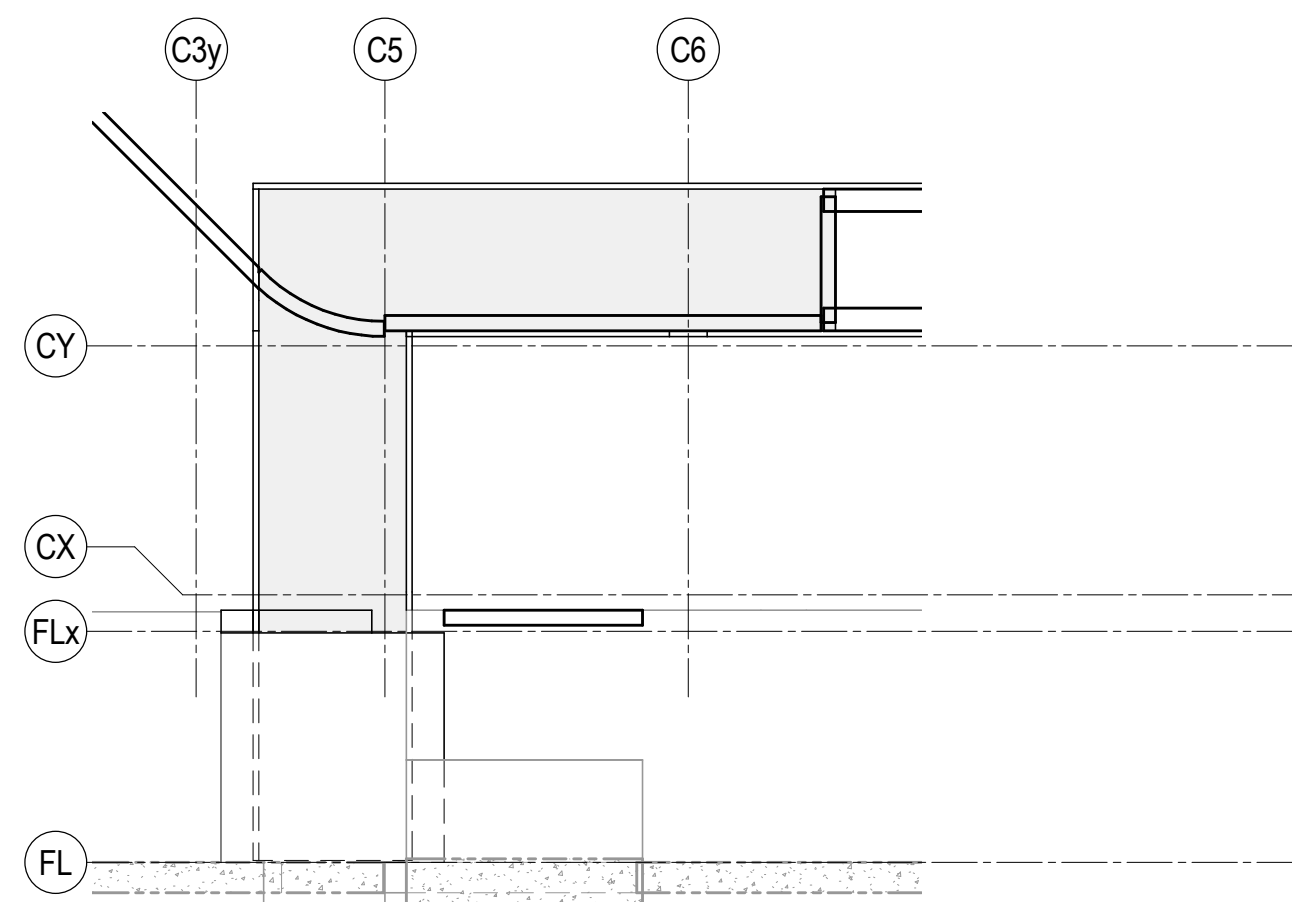
CORRIDOR ROOF ACCUMULATED SNOW LOAD PLAN
1:100

SUPERIMPOSED DEAD LOADS:
ROOFING 0.25 kPa
28 mm DECK 0.15 kPa
CEILING 0.20 kPa
ME 0.50 kPa
TOTAL SDL 1.10 kPa
SUPERIMPOSED LIVE LOADS:
SNOW 1.4 kPa + ASL
LIVE 1.0 kPa
RAIN 0.50 kPa
LIVE LOAD, SNOW LOAD, RAIN LOAD NEED NOT BE CONSIDERED SIMULTANEOUSLY



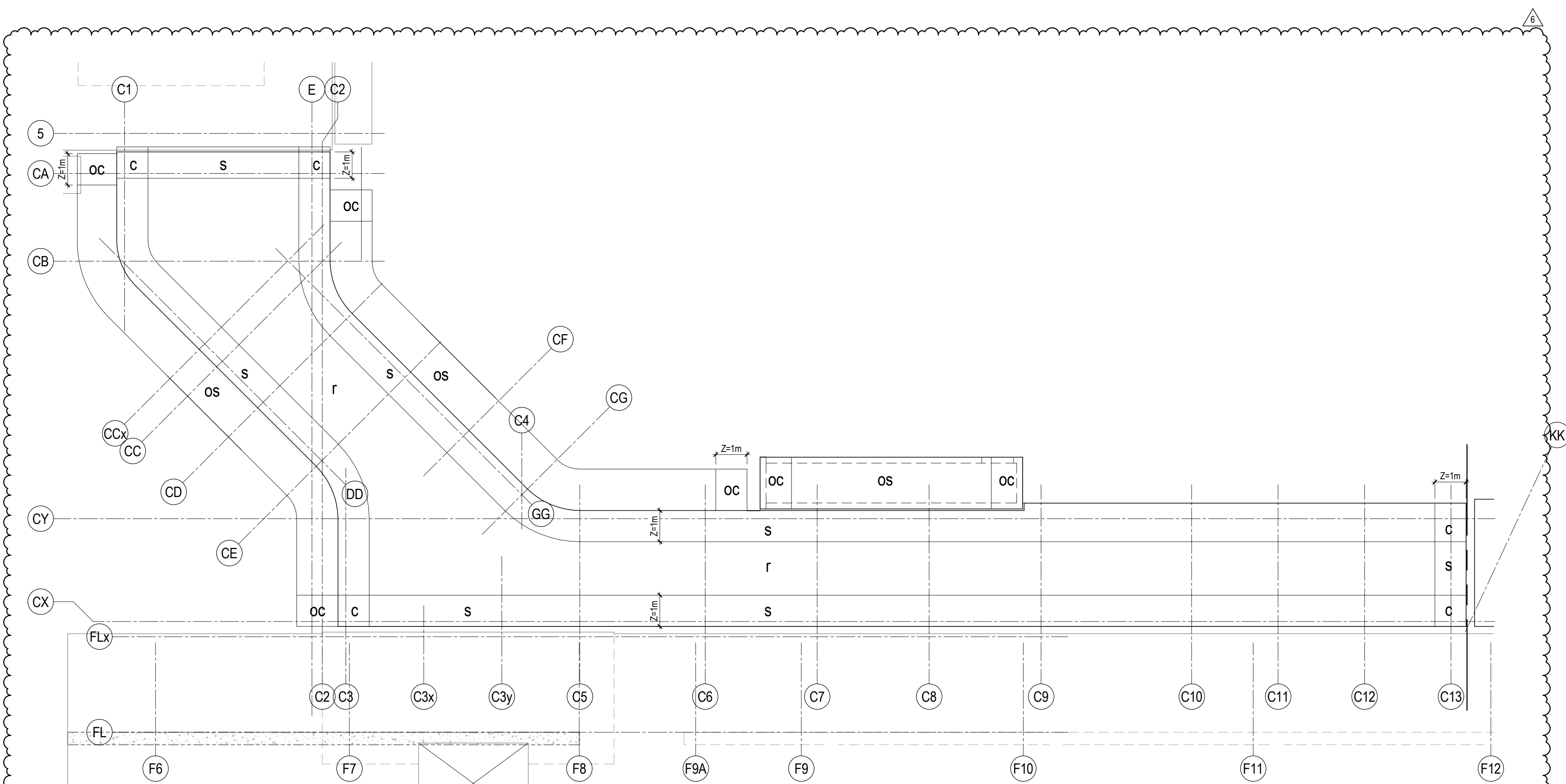
PATIENT TRANSFER ROOF ACCUMULATED SNOW LOAD PLAN
1:100

SUPERIMPOSED DEAD LOADS:
ROOFING 0.25 kPa
38 mm DECK 0.15 kPa
CEILING 0.20 kPa
ME 0.50 kPa
TOTAL SDL 1.10 kPa
SUPERIMPOSED LIVE LOADS:
SNOW 1.4 kPa + ASL
LIVE 1.0 kPa
RAIN 0.50 kPa
LIVE LOAD, SNOW LOAD, RAIN LOAD NEED NOT BE CONSIDERED SIMULTANEOUSLY



TUNNEL ROOF LOADING PLAN
1:100

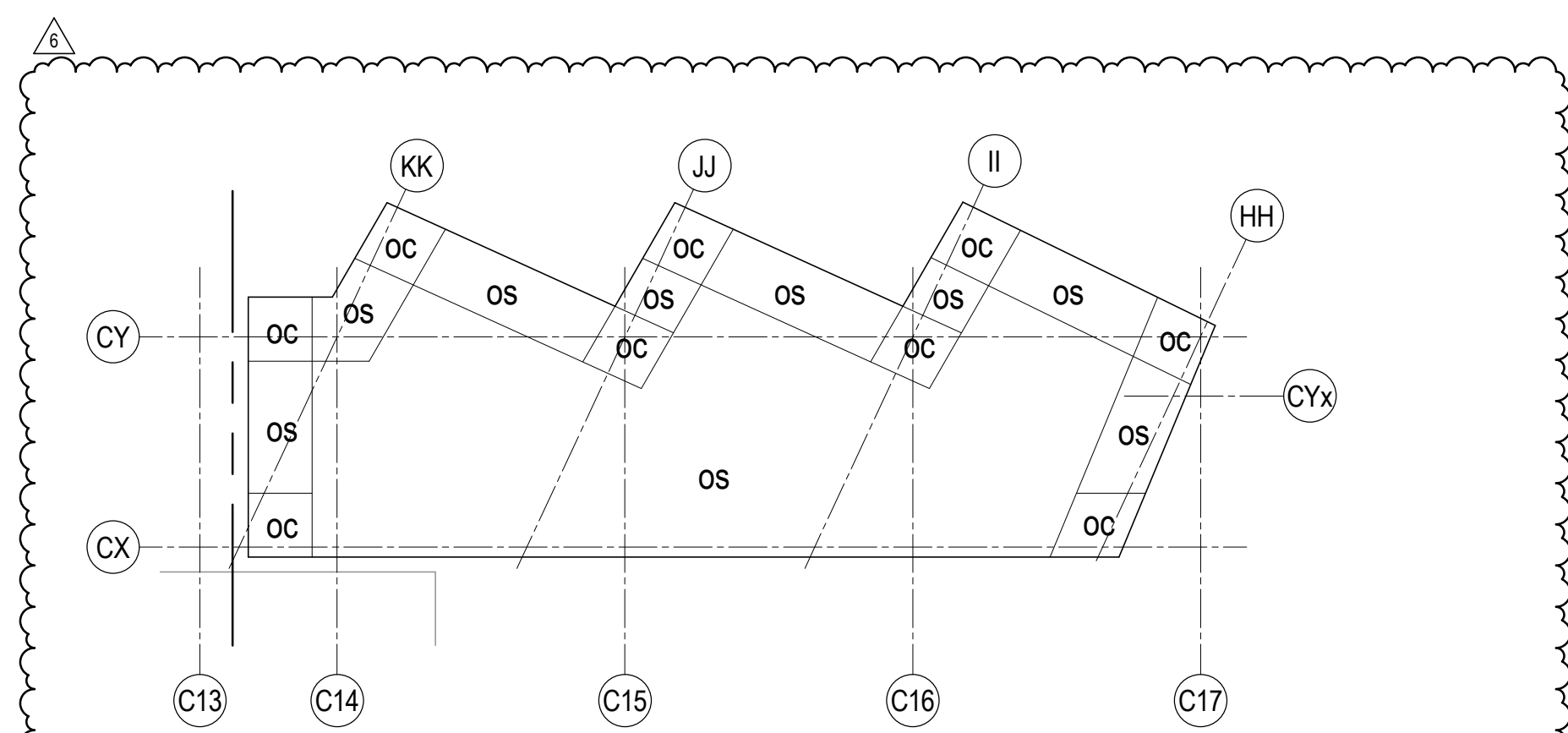
SUPERIMPOSED DEAD LOADS:
SLAB ON GRADE 3.0 kPa
BACKFILL (100mm) 18.0 kPa
TOTAL SDL 21.6 kPa
SUPERIMPOSED LIVE LOADS:
LIVE 12.0 kPa



CORRIDOR ROOF WIND UPLIFT LOAD PLAN
1:100

WIND UPLIFT LEGEND	
c	3.37 kPa
s	1.93 kPa
r	1.58 kPa
os	1.58 kPa
oc	2.67 kPa

WIND LOAD PLAN NOTES:
1. The following loads have been multiplied by an ILS importance factor $I_w = 1.25$ but do not include a load factor. Areas "1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", "45", "46", "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "70", "71", "72", "73", "74", "75", "76", "77", "78", "79", "80", "81", "82", "83", "84", "85", "86", "87", "88", "89", "90", "91", "92", "93", "94", "95", "96", "97", "98", "99", "100", "101", "102", "103", "104", "105", "106", "107", "108", "109", "110", "111", "112", "113", "114", "115", "116", "117", "118", "119", "120", "121", "122", "123", "124", "125", "126", "127", "128", "129", "130", "131", "132", "133", "134", "135", "136", "137", "138", "139", "140", "141", "142", "143", "144", "145", "146", "147", "148", "149", "150", "151", "152", "153", "154", "155", "156", "157", 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PATIENT TRANSFER ROOF WIND UPLIFT LOAD PLAN
1:100

WIND UPLIFT LEGEND	
oc	3.37 kPa
os	1.93 kPa
oc	2.67 kPa

CLIENT:



ARCHITECT:



CONSULTANT:

expServices Inc.
T: +1 800 888-3277 F: +1 800 470-7700
220 Commerce Valley Drive West, Suite 500
Markham, ON L3T 8A5
CANADA
www.exp.com



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PROJECT STATUS:

REVISIONS

NO	DESCRIPTION	DATE
1	ISSUED FOR 50% CD / PERMIT	2024.08.02
2	ISSUED FOR 60% CD	2024.09.06
3	ISSUED FOR 100% CD	2024.09.27
4	ISSUED FOR TENDER	2024.10.11
5	ISSUED FOR ADDENDUM 1	2024.10.25
6	ISSUED FOR ADDENDUM 4	2024.11.12

PROJECT:
UHN TWH - Seniors Emergency Medicine Centre
399 Bathurst Street, Toronto ON M5T 2S8
UHN PROJECT NO.: SAP #110022016

TITLE:
LOADING PLANS

PROJECT NO:

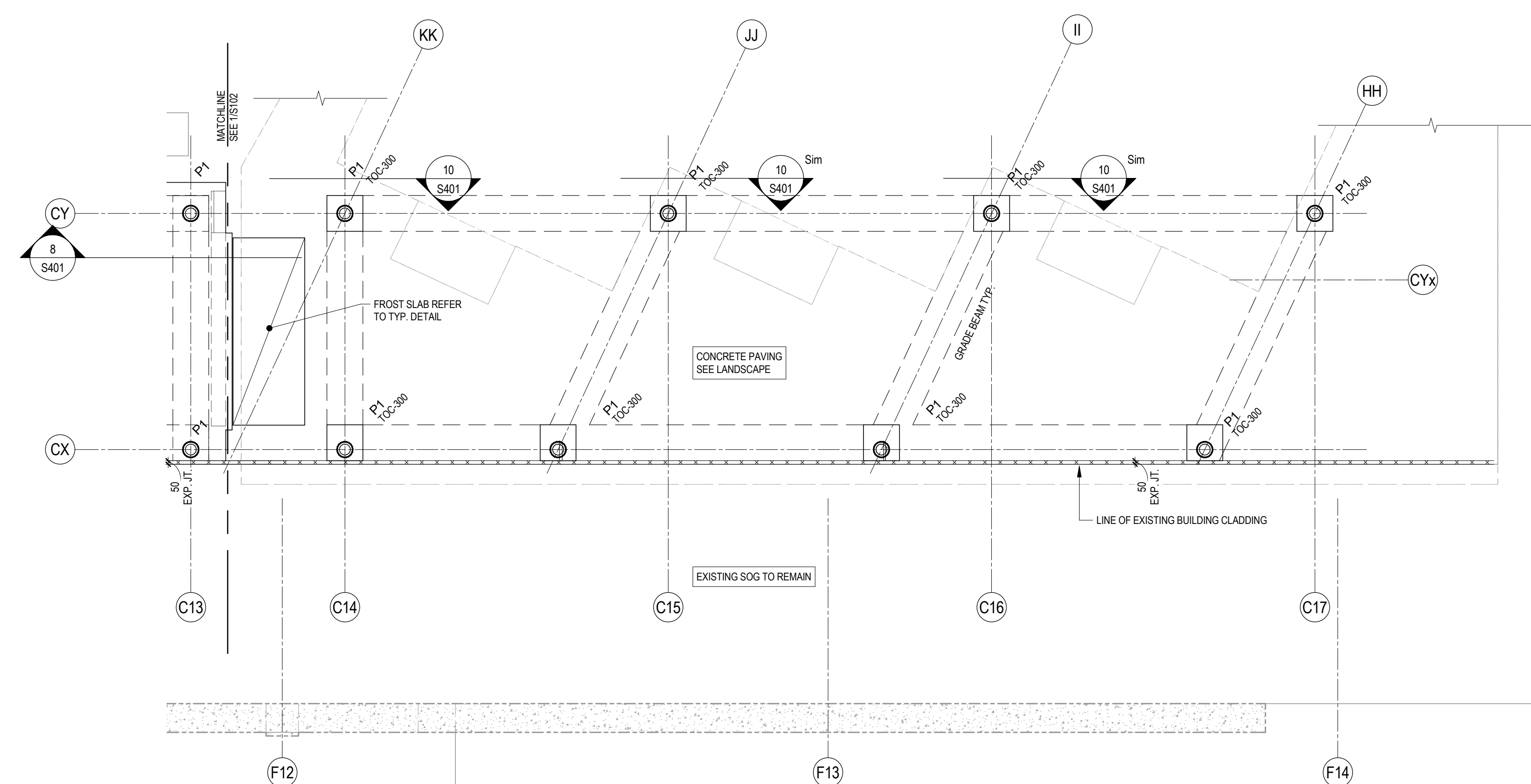
MRK-23004289

CHECKED:

KDS

DRAWING NO:

S010



NOTE:
1. REFER TO CORRIDOR GROUND FLOOR PART PLAN NOTES BELOW

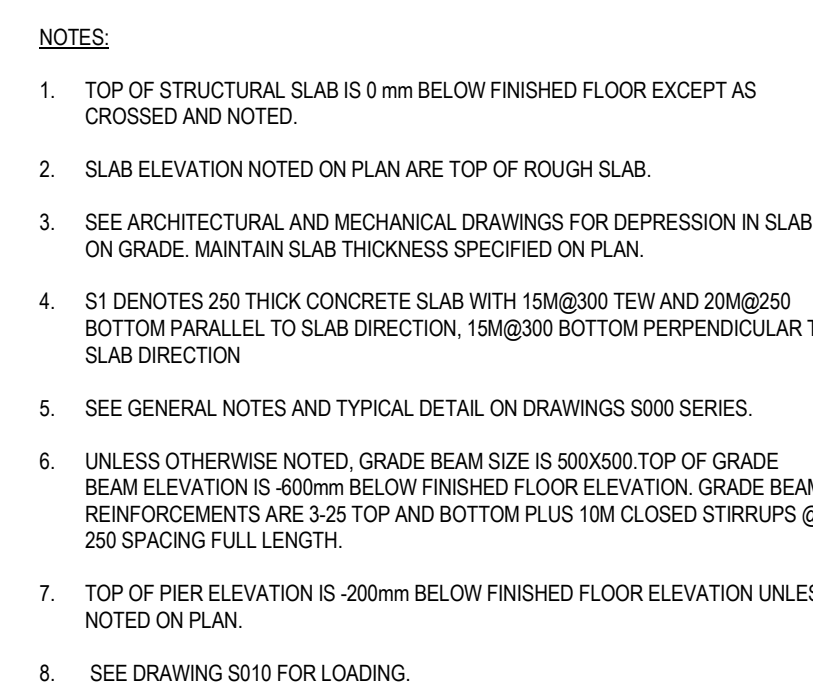
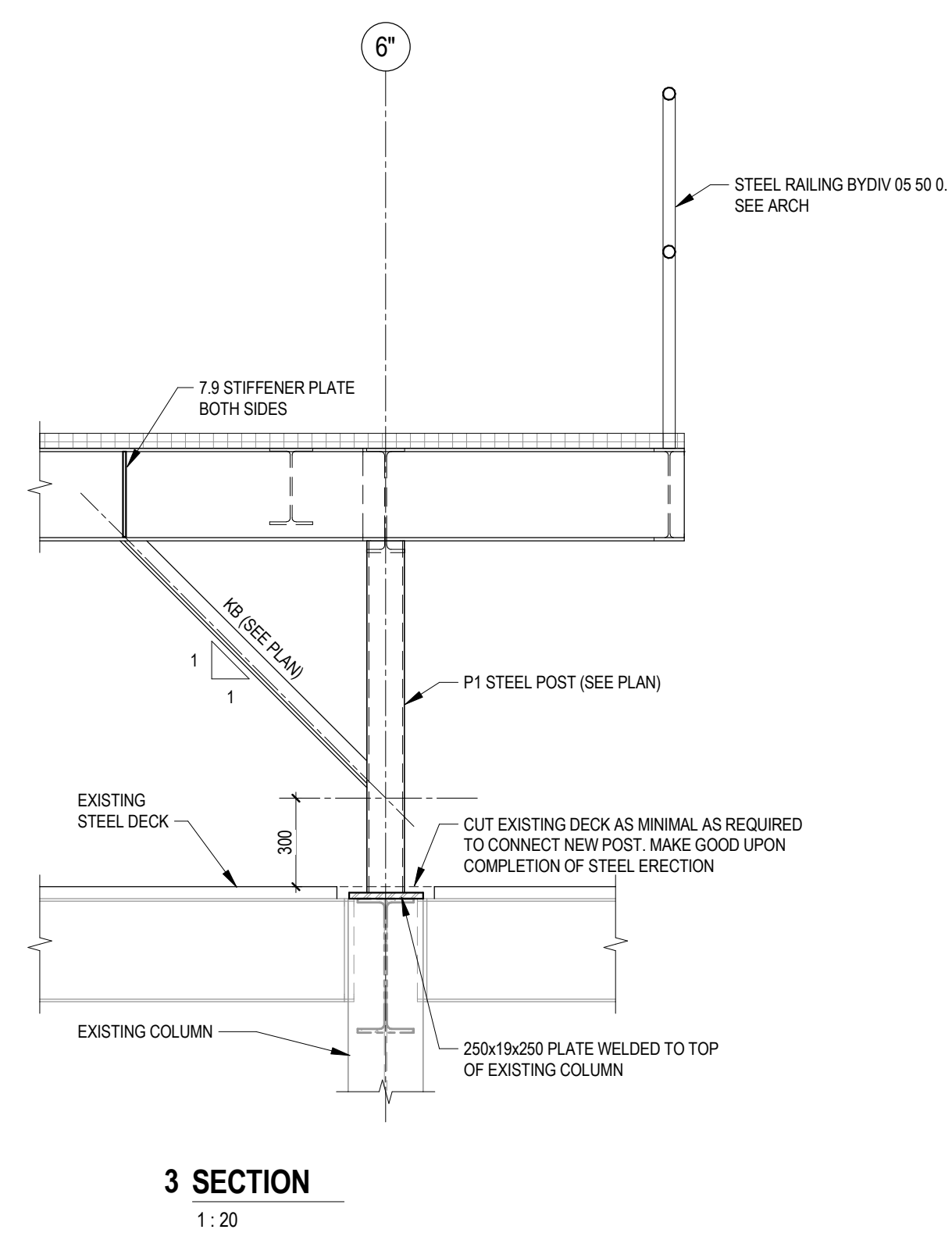
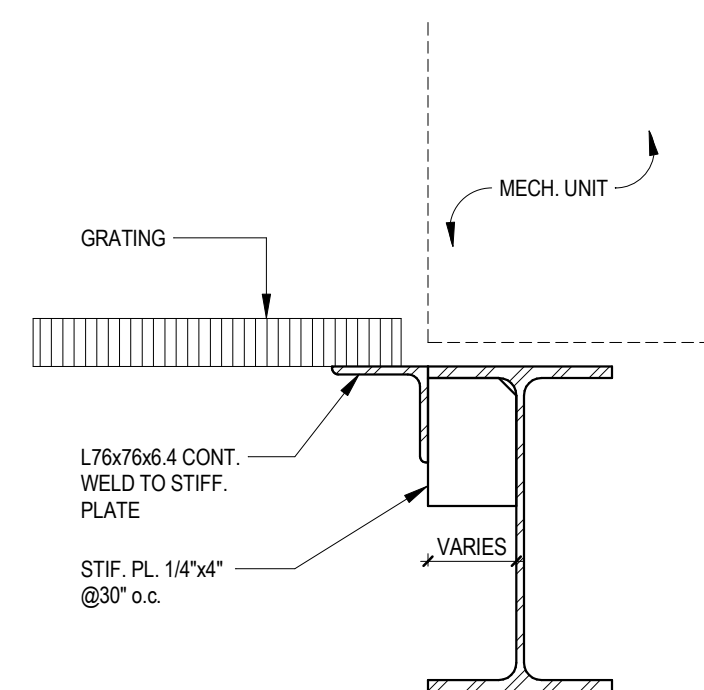
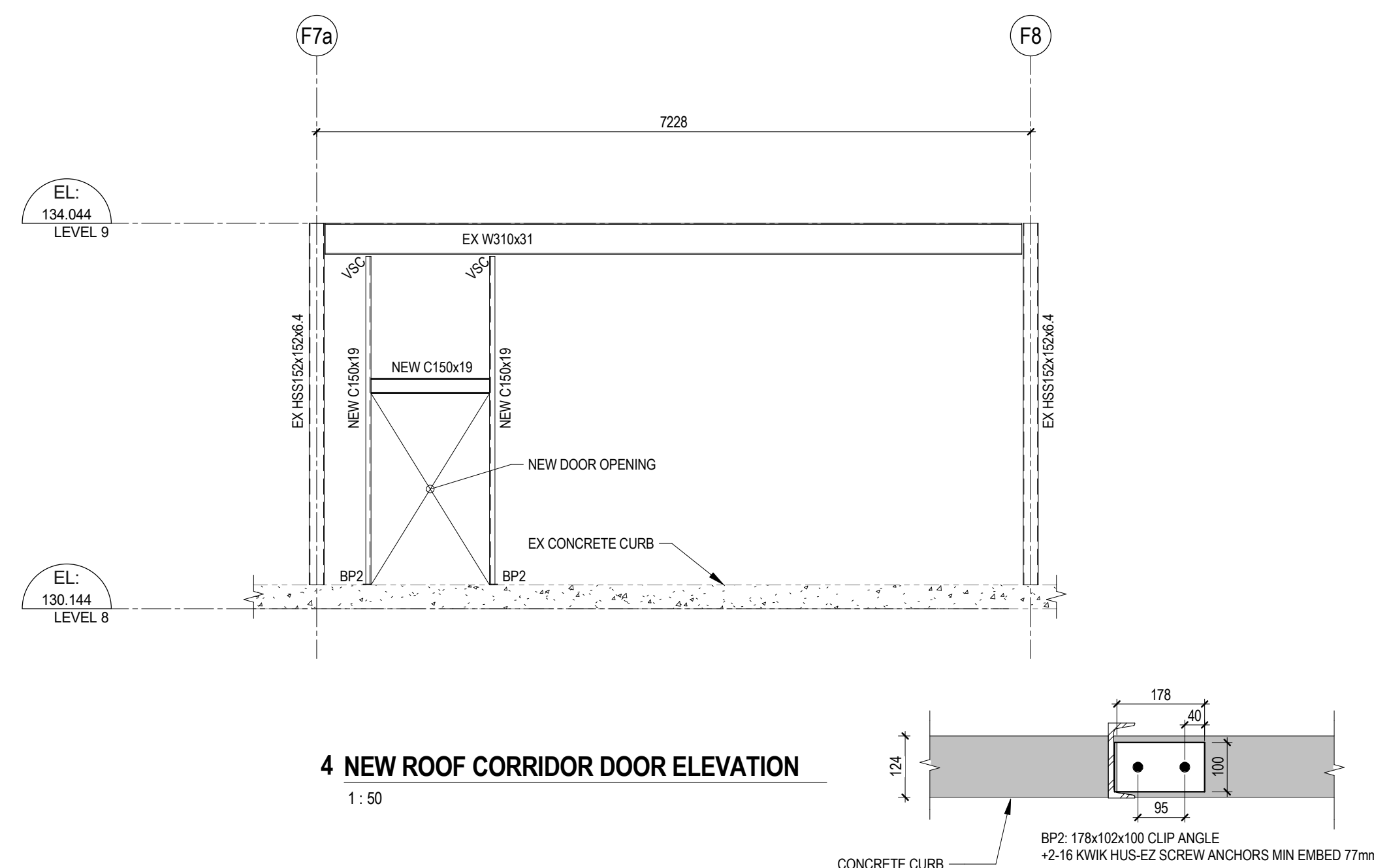
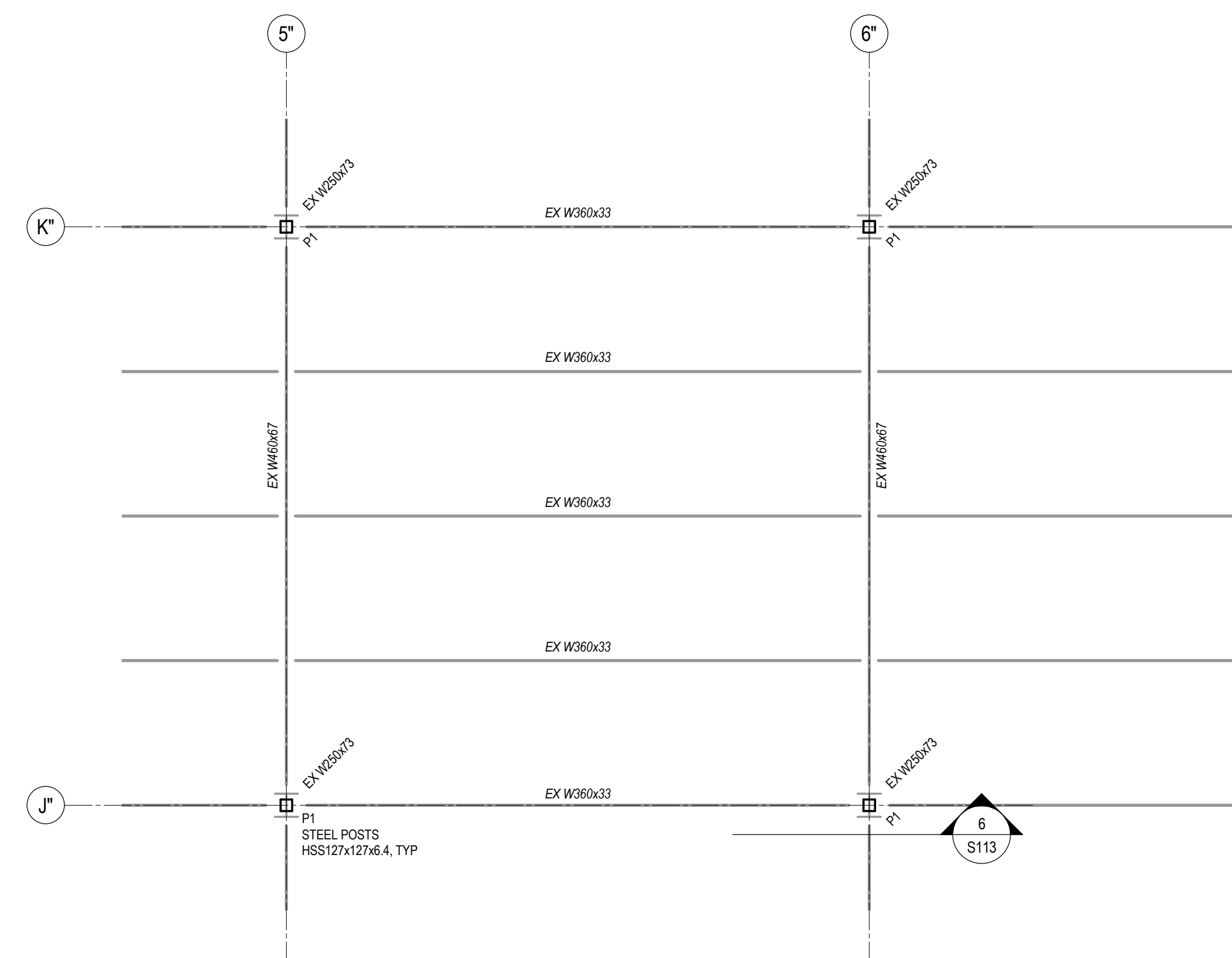
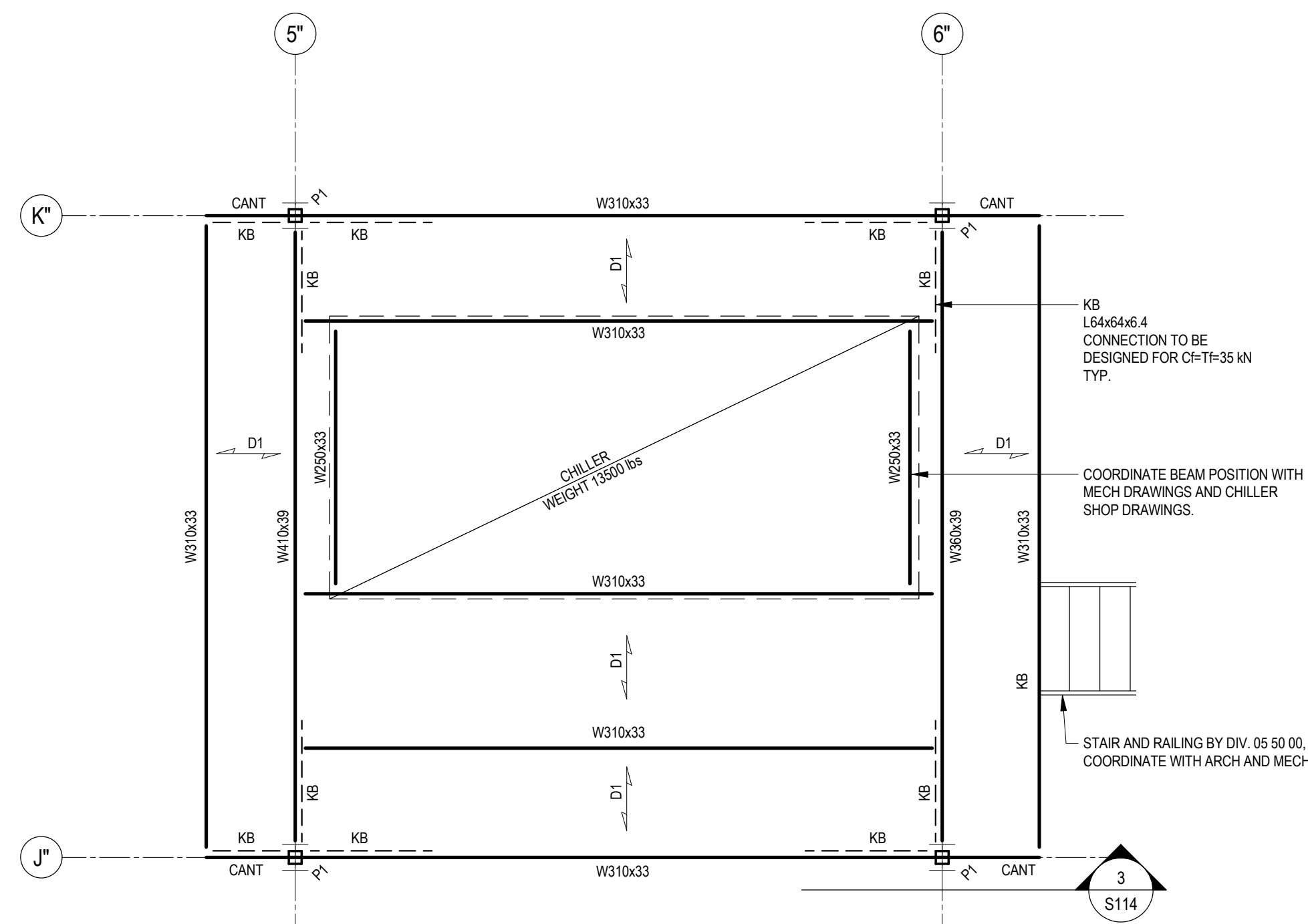
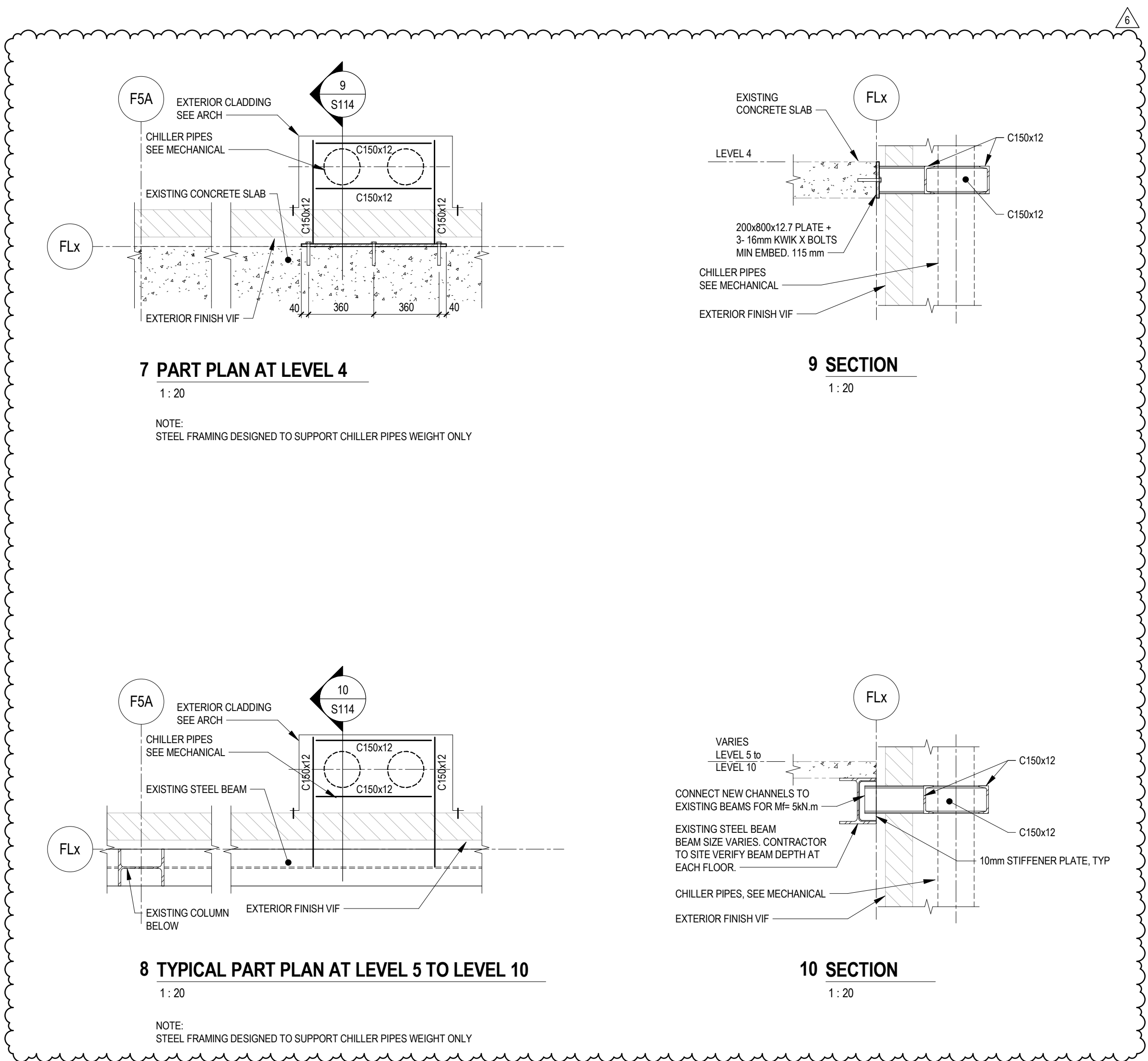


Diagram illustrating the connection of a column base plate to a foundation. The diagram shows a cross-section of the column base plate, anchor bolts, and the surrounding concrete foundation. Key components and dimensions are labeled:

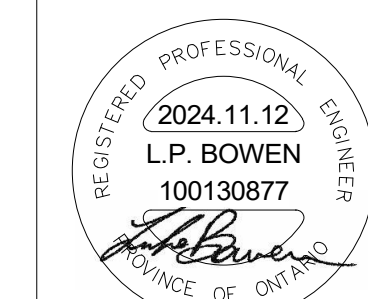
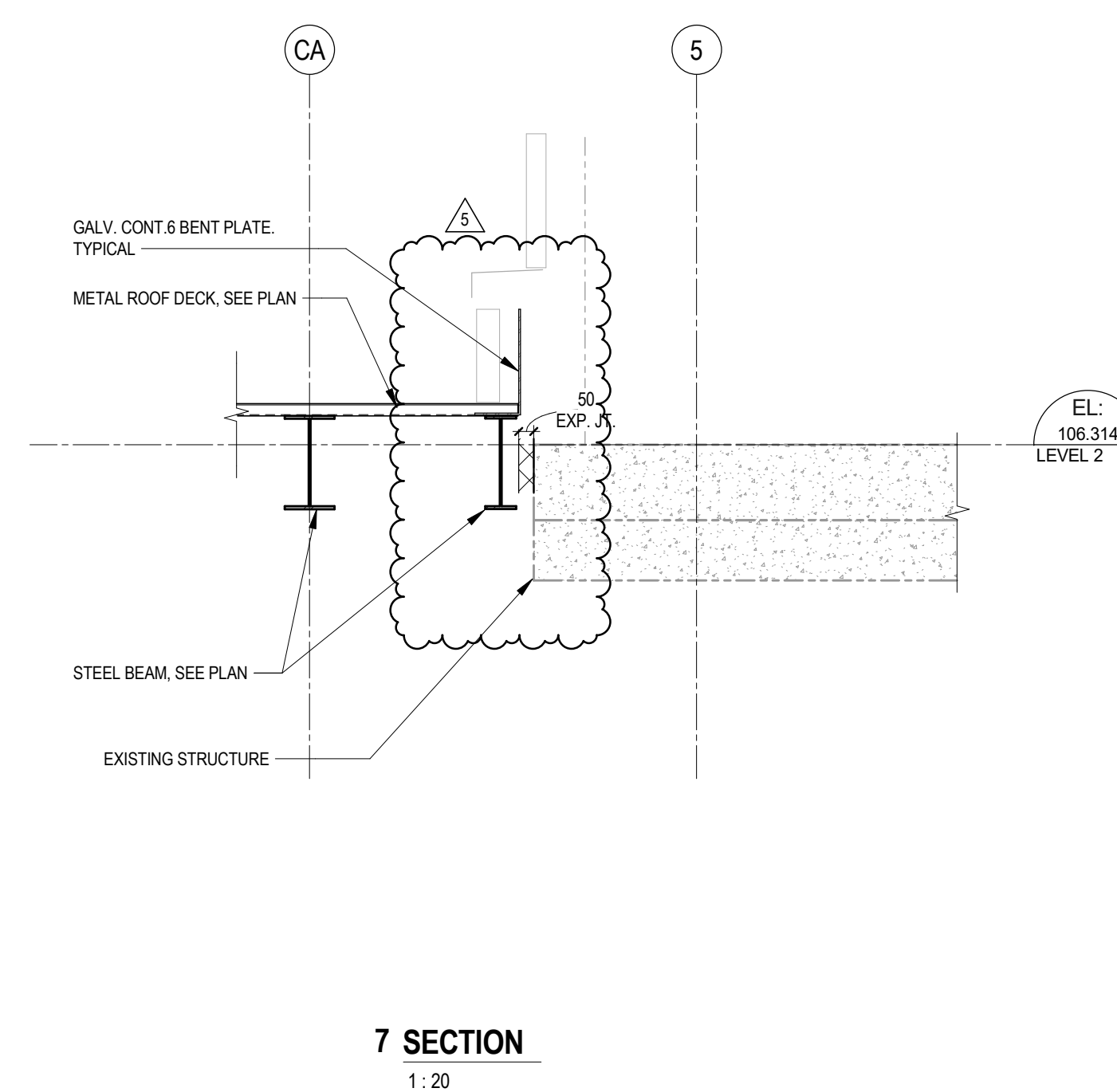
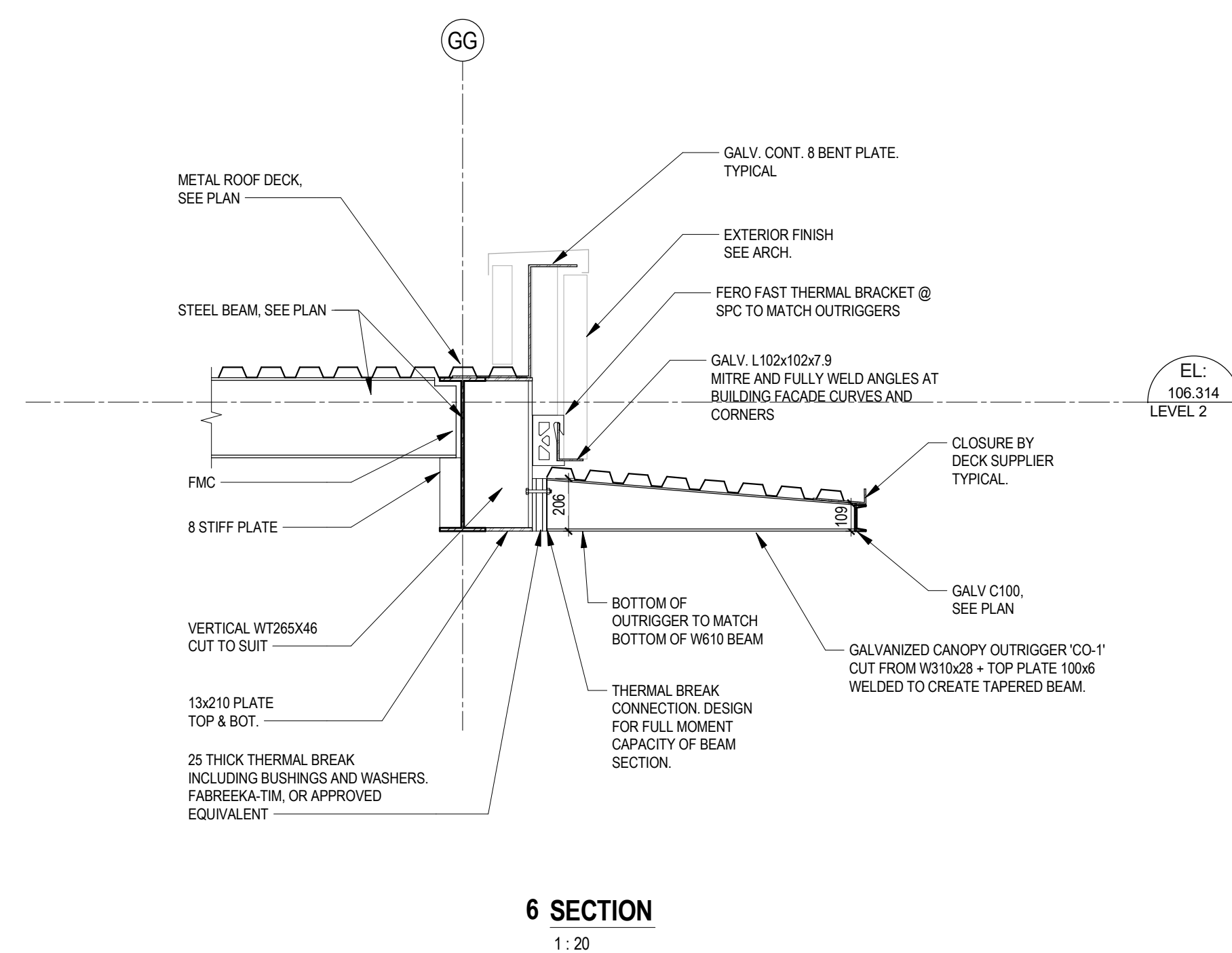
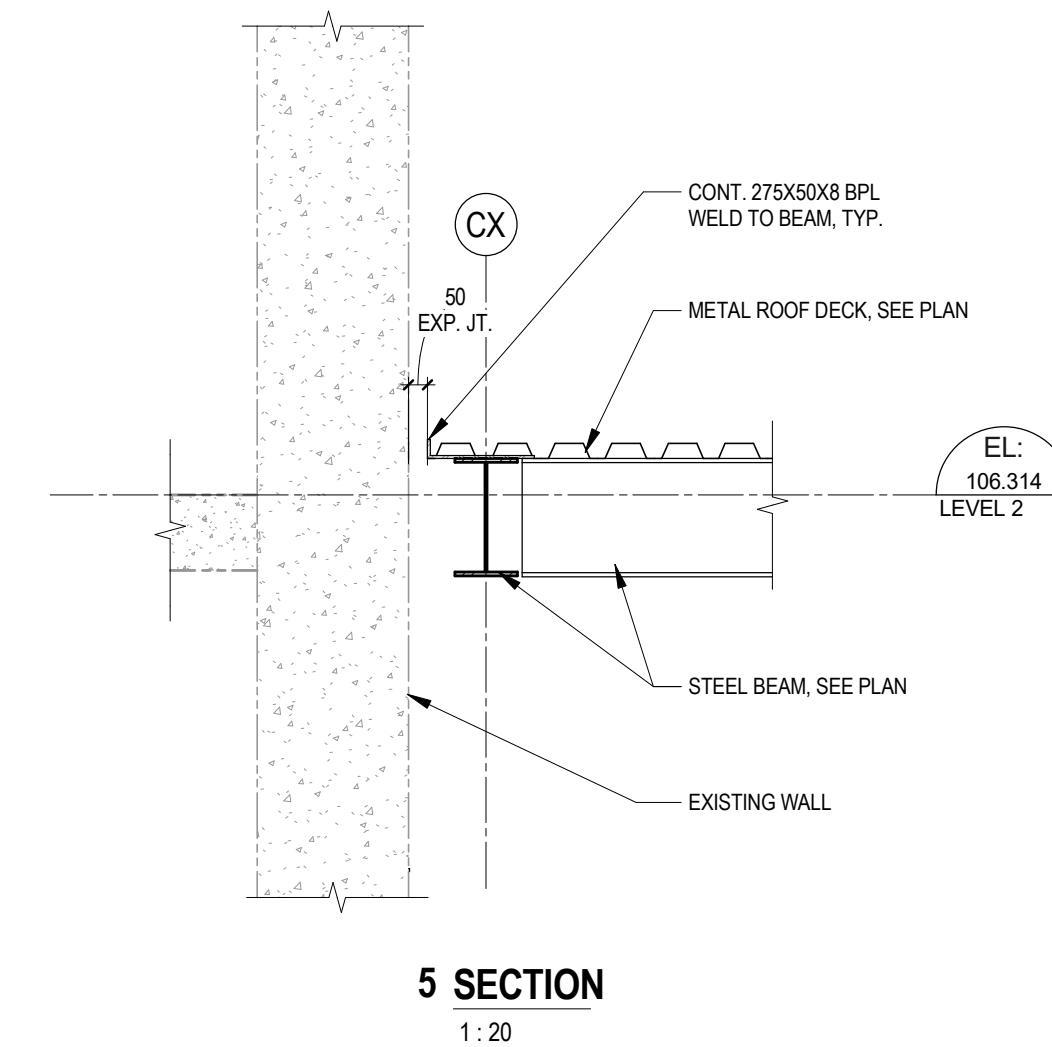
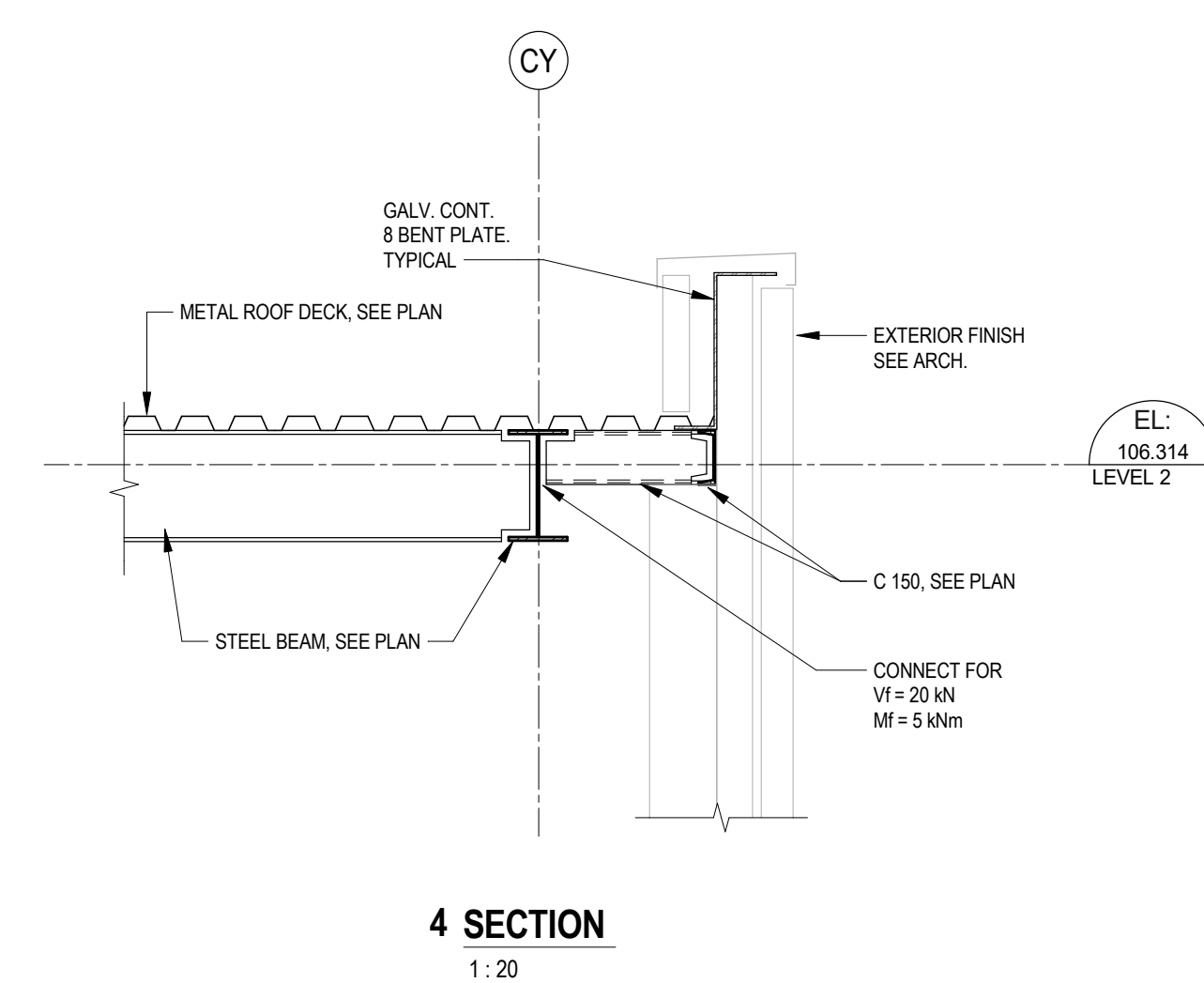
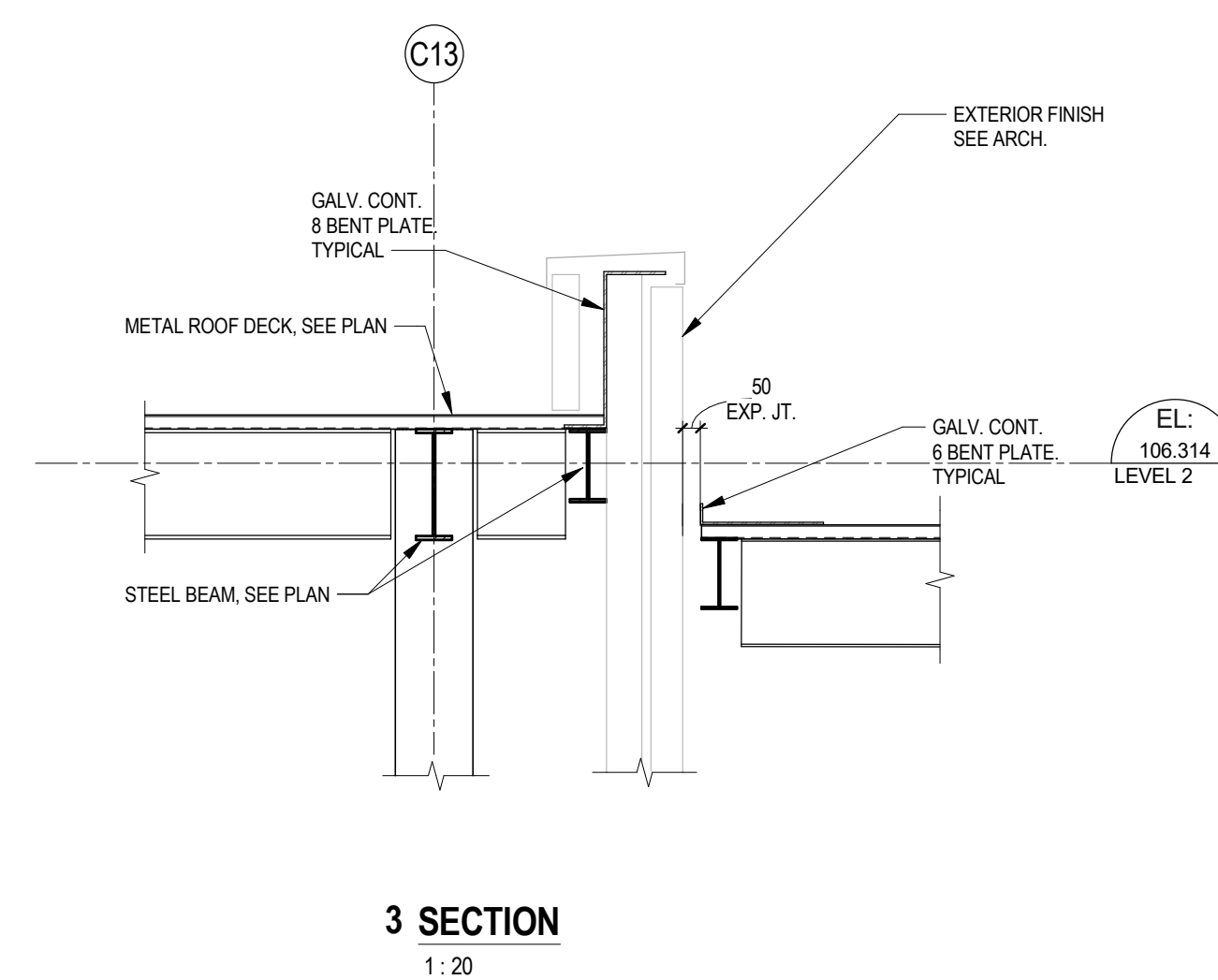
- CL (Center Line)
- STEEL COLUMN: SEE PLAN AND SCHEDULE
- SEE COLUMN SCHEDULE FOR BASE PLATE AND ANCHORS
- SLAB ON GRADE: SEE PLAN
- GROUND FLOOR
- HOOK ALL VERTICALS TOP AND BOTTOM
- W/8 BAR
- SR
- AD 2 x 25 x 2000 LONG MD. DEPTH
- 200
- COMPACTED GRANULAR
- MICROPILE DESIGNED BY CONTRACTOR. SEE PLAN
- ALL TRANSVERSE GRADE BEAM REIN'D AT TIL & RLL. HOOK EACH END

4 SECTION DETAIL



PROJECT STATUS:

NO	DESCRIPTION	DATE
1	ISSUED FOR 50% DD	2024.04.26
2	ISSUED FOR 100% DD	2024.06.21
3	ISSUED FOR 100% CD	2024.09.27
4	ISSUED FOR TENDER	2024.10.11
5	ISSUED FOR ADDENDUM 1	2024.10.25
6	ISSUED FOR ADDENDUM 4	2024.11.12



PROJECT STATUS:	
-----------------	--

[illegible]

PROJECT:
UHN TWH - Seniors Emergency Medicine Centre
399 Bathurst Street, Toronto ON M5T 2S8
UHN PROJECT NO.: SAP #110022016

TITLE:

SECTIONS

PROJECT NO:

PROJECT NO:

CHECKED
KDS

S402