



DATE: June 5, 2019

FROM: Wight & Company  
2500 N. Frontage Road  
Darien, IL 60561

Wight & Company

wightco.com

.....  
2500 North Frontage Road

Darien, IL 60561

.....  
P 630.969.7000

F 630.969.7979

SUBJECT: **ADDENDUM #3 TO THE BIDDING DOCUMENTS FOR:  
NORTH HIGH SCHOOL BID GROUP #6  
MASTER FACILITY PLAN IMPLEMENTATION  
COMMUNITY HIGH SCHOOL DISTRICT 99  
NORTH HIGH SCHOOL  
4436 MAIN STREET  
DOWNERS GROVE, IL 60516**

This addendum forms a part of the Bidding Contract Documents, dated May 10, 2019. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form.

**I. Clarifications**

1. **Q:** S2.0B – column line AB shows B/F (-)9'1", S2.1B-EP – column line AB shows B/F (-)6'6"

Please confirm correct elevation.

**A:** Footing on S2.0B is shown near grid 6, with an elevation of (-)9'-1" to be verified in field. This footing is for the triangular pier that is shown without a footing on the ground floor foundation plan. Footing on 1/S2.1B-EP shows a footing between grids 4 and 5, with an elevation of (-)6'-6".

These are two different footing locations and there is a stepped footing in between to get you from one elevation to the other.

**II. Specifications**

1. None

**III. Drawings**

**CIVIL**

- C4.01 UTILITY PLAN NORTH
  - Revised the sanitary layout to avoid having two pipes drop into SAN 1.0
- C4.04 UTILITIES PROFILES NORTH
  - Revised the sanitary layout to avoid having two pipes drop into SAN 1.0

## **STRUCTURAL**

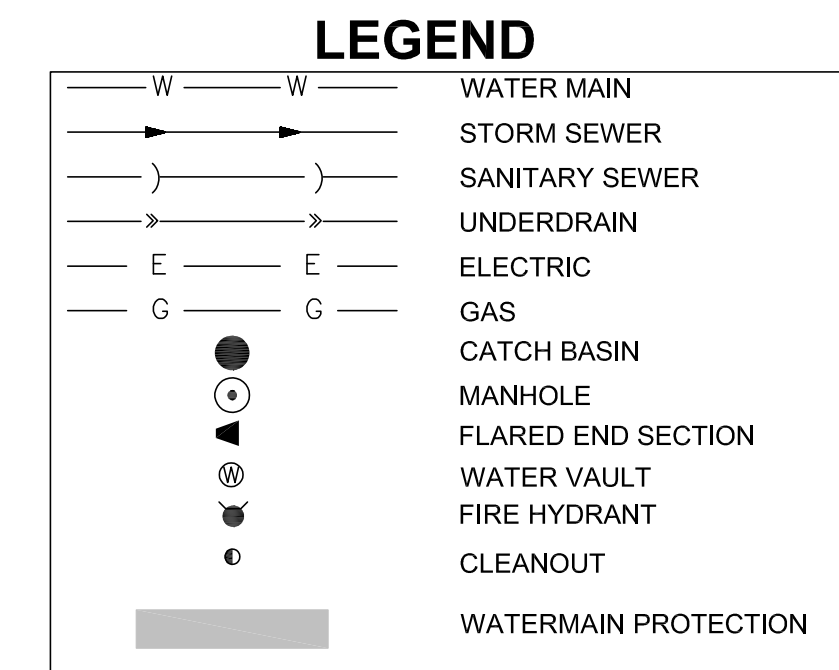
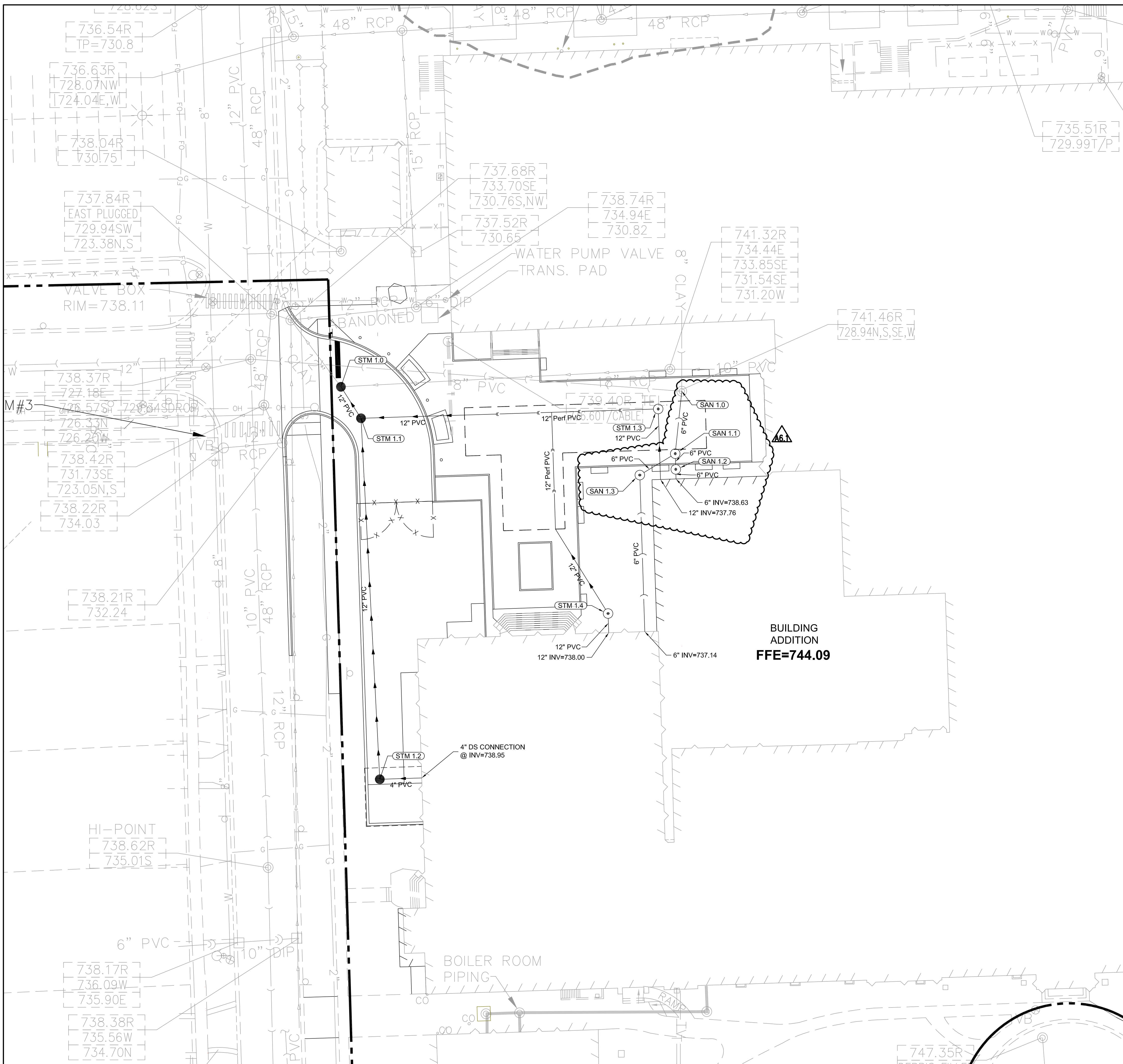
- S1.3B TYPICAL SECTIONS AND DETAILS
  - Added Detail 18.
- S2.0B BASEMENT LEVEL FOUNDATION PLAN – PHASE B
  - Modified Pier Schedule: Changed 1 pier size. Added 2 new pier types.
- S2.1B FIRST FLOOR FRAMING – FOUNDATION PLAN – PHASE B
  - Called out thickened slab on grade at volleyball sleeve locations.
  - Modified Pier Schedule: Changed 1 pier size. Added 2 new pier types.
  - Deleted 1 pier.
  - Changed 1 pier type.
  - Changed CMU wall location.
  - Modified control joint in slab-on-grade requirement.
  - Modified structural concrete material allowance summary.
- S2.1B-EP ENLARGED PLAN – PHASE B
  - Called out for continuous isolation joint.
- S2.2B SECOND AND THIRD FLOOR FRAMING – PHASE B
  - Added 2 new sections.
  - Modified 2 sections.
- S3.1B NON-TYPICAL SECTIONS AND DETAILS
  - Modified Detail 1.
- S3.5B NON-TYPICAL SECTIONS AND DETAILS
  - Modified Detail 5.
- S3.6B NON-TYPICAL SECTIONS AND DETAILS
  - Modified Detail 4.
  - Renumbered 2 details.

### **IV. Bid Schedule**

1. Bid Schedule is attached.

END OF ADDENDUM

S:\Darien\Downers Grove SD99 Improvements\01\DWG\CD\5274-42\_C4.01 UTILITY PLAN NORTH.dwg devans Jun 04, 2019 7:48:10 am  
 Wight © Copyright 2019. All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight.

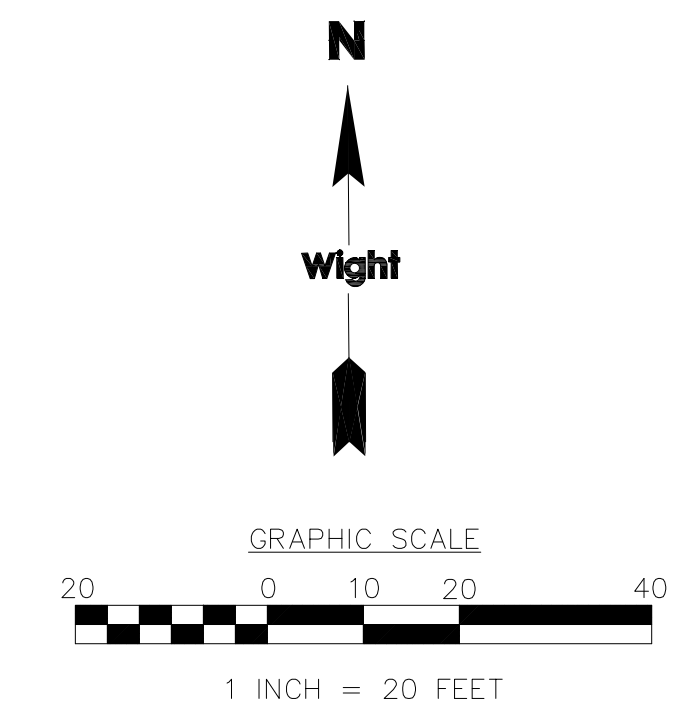


**UTILITY NOTES:**

- CONTRACTOR TO VERIFY ALL EXISTING UTILITY LOCATIONS, SIZES, SLOPES, INVERTS, ETC. AND CONTACT ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS/DISCREPANCIES.
- CONTRACTOR TO PROTECT ALL EXISTING UTILITIES.
- ALL EXISTING UTILITY STRUCTURES SHALL BE ADJUSTED AS NECESSARY TO MATCH FINISH GRADE. ALL EXISTING UTILITY STRUCTURES REQUIRING ADJUSTMENT OR RECONSTRUCTION SHALL BE PERMITTED BY THE CONTRACTOR TO THE SATISFACTION OF THE UTILITY OWNER. ADJUSTMENTS AND/OR RECONSTRUCTIONS NOT CALLED FOR ON THE PLANS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. NO MORE THAN A TOTAL OF 12 INCHES OF ADJUSTING RINGS AND/OR 2 ADJUSTING RINGS SHALL BE ALLOWED.
- CONTRACTOR TO COORDINATE ALL UTILITY CONNECTIONS AT THE BUILDING WITH THE MEP TO VERIFY CONNECTION LOCATION, PIPE SIZE, AND INVERT.
- CONTRACTOR TO SEE MEP PLANS FOR ALL DETAILS, LOCATION, ROUTING, SIZE, ETC. REGARDING GAS, TELEPHONE, ELECTRIC, AND LIGHTING DESIGN. FOLLOW ALL REQUIREMENTS OF UTILITY PROVIDERS.
- ALL STORM / SANITARY SEWER SHALL BE PVC SDR 26 OR STRONGER.

**AS-BUILT NOTES:**

THE CONTRACTOR IS RESPONSIBLE FOR ALL AS-BUILT SURVEYS. ALL AS-BUILT SURVEYS SHALL BE COMPLETED BY A PROFESSIONAL LAND SURVEYOR AND BE SIGNED AND SEALED. THE CONTRACTOR SHALL SUBMIT TWO SETS OF THE "AS-BUILT" FINAL ENGINEERING DRAWINGS (I.E. RECORD DRAWINGS) AND STORMWATER MANAGEMENT CALCULATIONS UPON COMPLETION OF IMPROVEMENTS AND INCLUDE ELECTRONIC CAD FILES. THE RECORD DRAWINGS SHOULD AT LEAST INCLUDE THE FOLLOWING INFORMATION: AS-BUILT DETENTION CONTOURS, ELEVATIONS (INCLUDING DETENTION BASIN TOP OF BERM AND OVERFLOW WEIR GRADES) AND VOLUME (VERIFIED, SIGNED, & SEALED BY A PROFESSIONAL ENGINEER (PE) OR PROFESSIONAL LAND SURVEYOR (PLS)); ELEVATION AND LOCATION (TIES TO TWO POINTS) OF ALL NEW STRUCTURES INCLUDING FIRE HYDRANTS, VALVE BOXES AND VAULTS, LINES/STOP-SLEEVES, WATER SERVICE CORPORATION STOPS, WATER MAIN FITTINGS/BENDS, MANHOLES, SANITARY SERVICE WYES (MEASURED FROM DOWNSTREAM MANHOLE), ALL STORM/SANITARY SEWER STRUCTURES (INCLUDING INVERTS AND PIPE SIZES), ALL PIPES (LOCATIONS, SLOPES, LENGTHS, ETC.), OUTLET CONTROL STRUCTURES (INCLUDING RESTRICTOR SIZES AND ELEVATIONS PLUS TOP OF WALL) AND ABANDONED WATER OR SANITARY SERVICE LINES. DETAILED TOPOGRAPHIC SURVEY OF ALL HIGH POINTS, LOW POINTS, CHANGE OF SLOPE INCLUDING GUTTER GRADES, TOP OF CURB GRADES, PAVEMENT GRADES, SIDEWALK GRADES, RAMP GRADES, ETC. TO VERIFY POSITIVE DRAINAGE. ALL ELEVATIONS SHOULD BE REFERENCED TO THE SAME BENCHMARK DATUM AS THE ORIGINAL DESIGN PLANS. HORIZONTAL TIES SHALL BE REFERENCED TO LOT LINES, BACK OF CURB, OR PROPERTY CORNERS. WITHIN DETENTION/BMP AREAS: FOR VERIFICATION OF DETENTION VOLUME AND SUBBASE GRADES, PRIOR TO BACK FILLING WITH CA-7, THE CONTRACTOR SHALL PROVIDE ENGINEER WITH A CERTIFIED TOPO SURVEY OF AS-BUILT SUBBASE GRADES FOR ENGINEER APPROVAL AND ALSO A COPY OF RECEIPT OF THE CA-7 AGGREGATE.



Wight & Company  
 wightco.com  
 2500 North Frontage Road  
 Darien, IL 60561  
 P 630.969.7000  
 F 630.969.7979

A6.1	ISSUED FOR ADDENDUM A6.1 - BID GROUP 6	05.31.2019
	FINAL PERMIT SUBMITTAL	05.13.2019
	ISSUED FOR BID - BID GROUP 6	05.10.2019
	ISSUED FOR BID - BID GROUP 5	05.10.2019
	ISSUED FOR CONSTRUCTION-PHASE A	05.08.2019
REV	DESCRIPTION	DATE

**COMMUNITY SCHOOL DISTRICT 99 – MFP IMPLEMENTATION NORTH HIGH SCHOOL**  
 4436 MAIN STREET  
 DOWNERS GROVE, IL 60516

**UTILITY PLAN – NORTH**

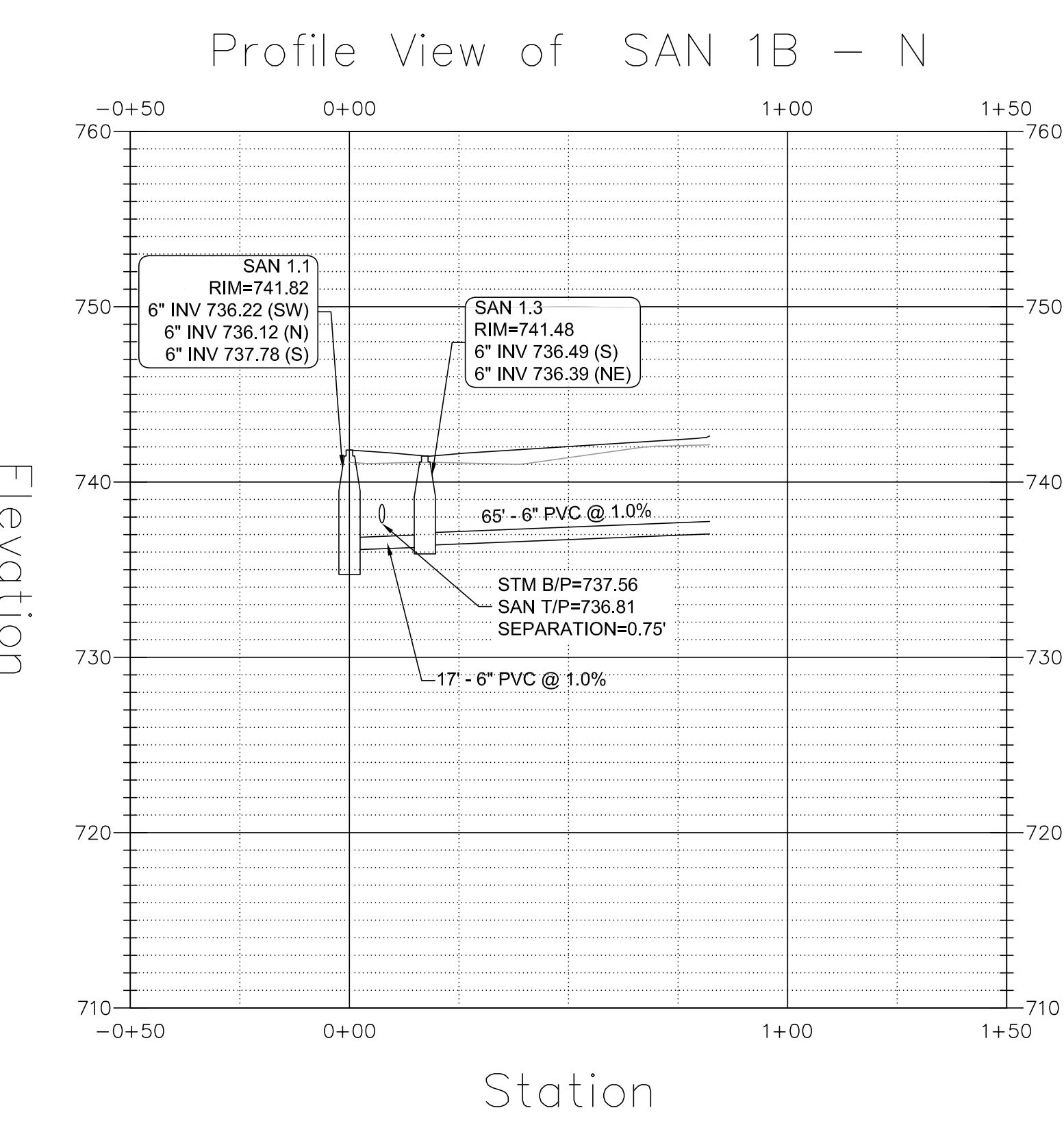
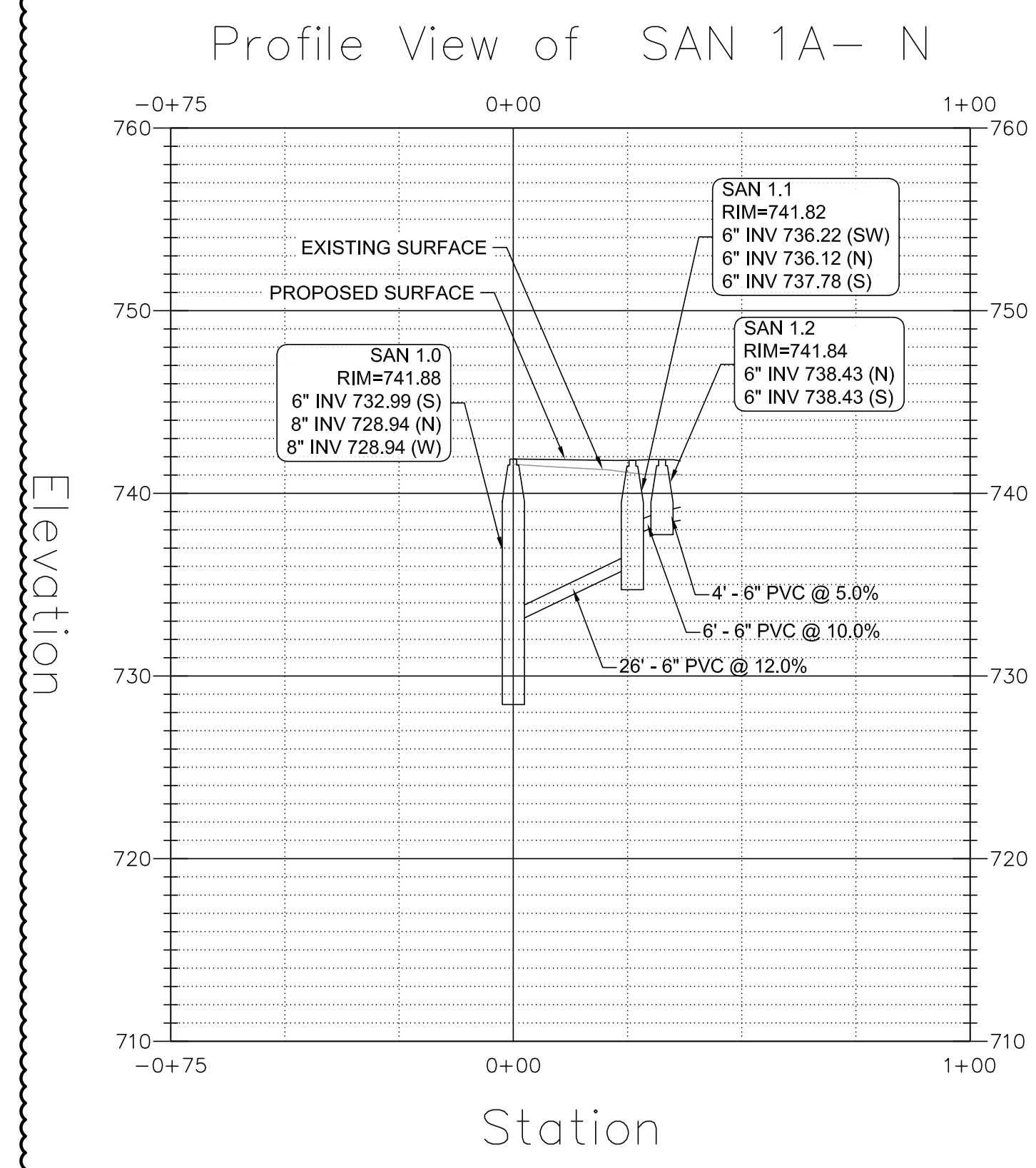
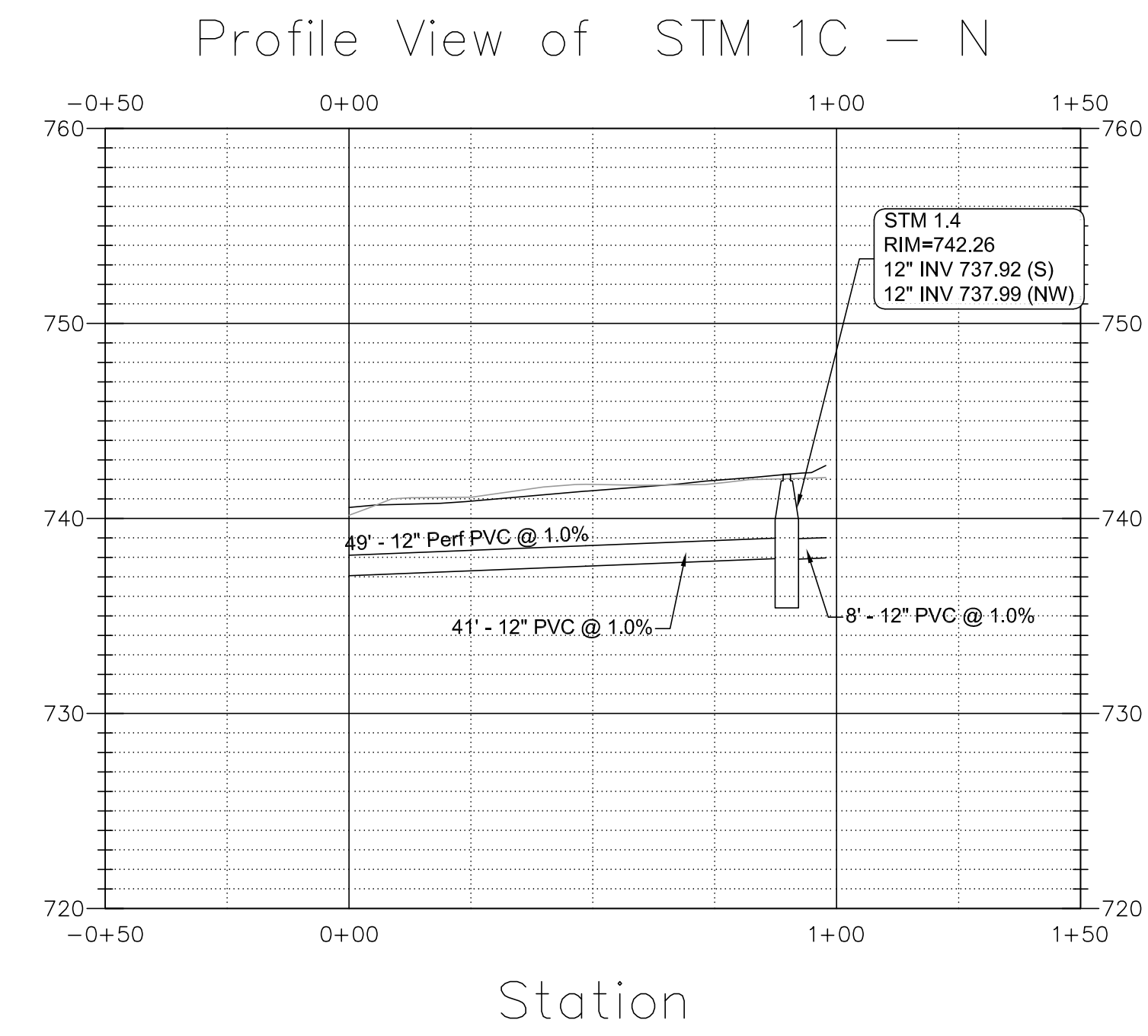
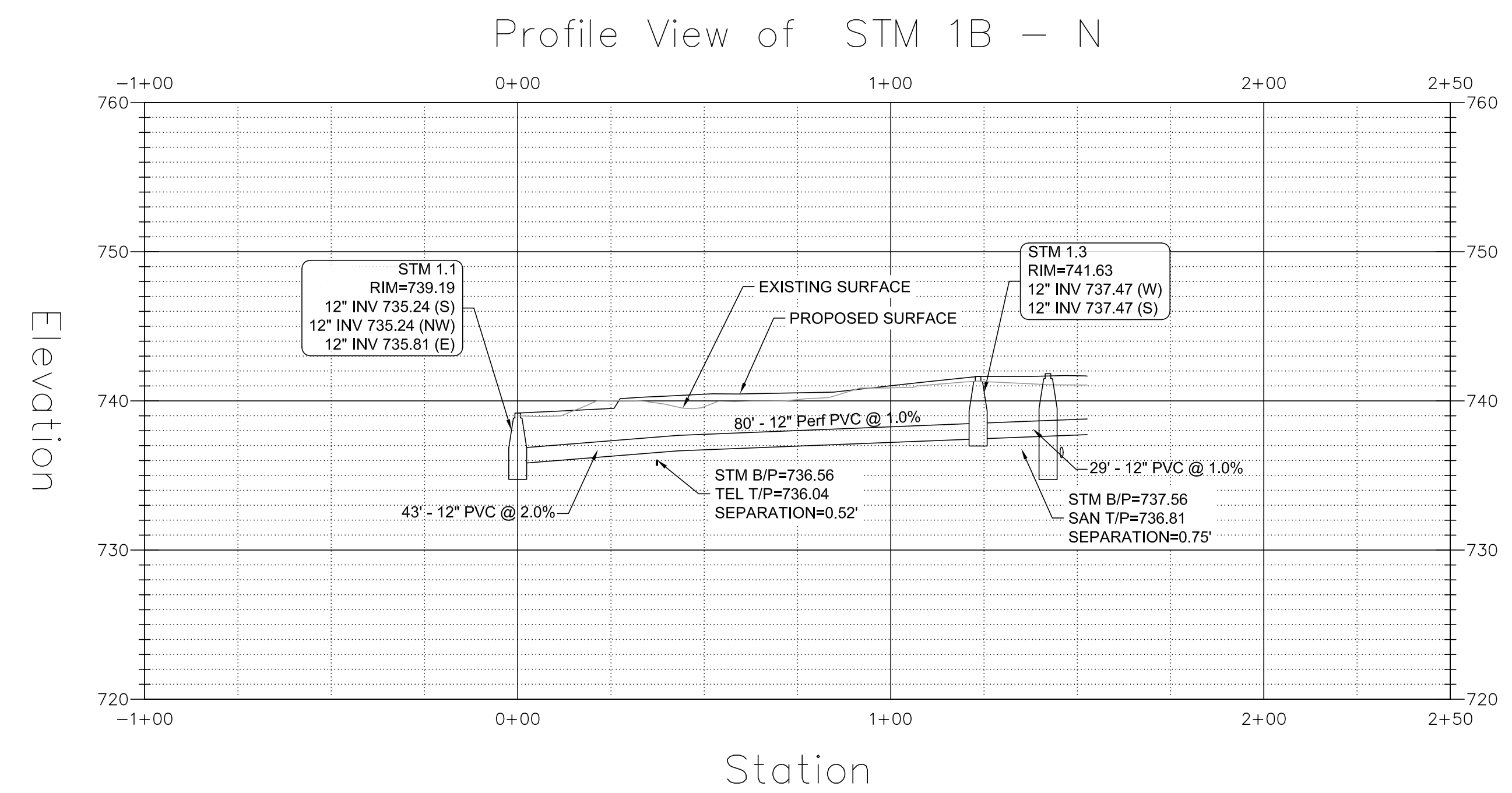
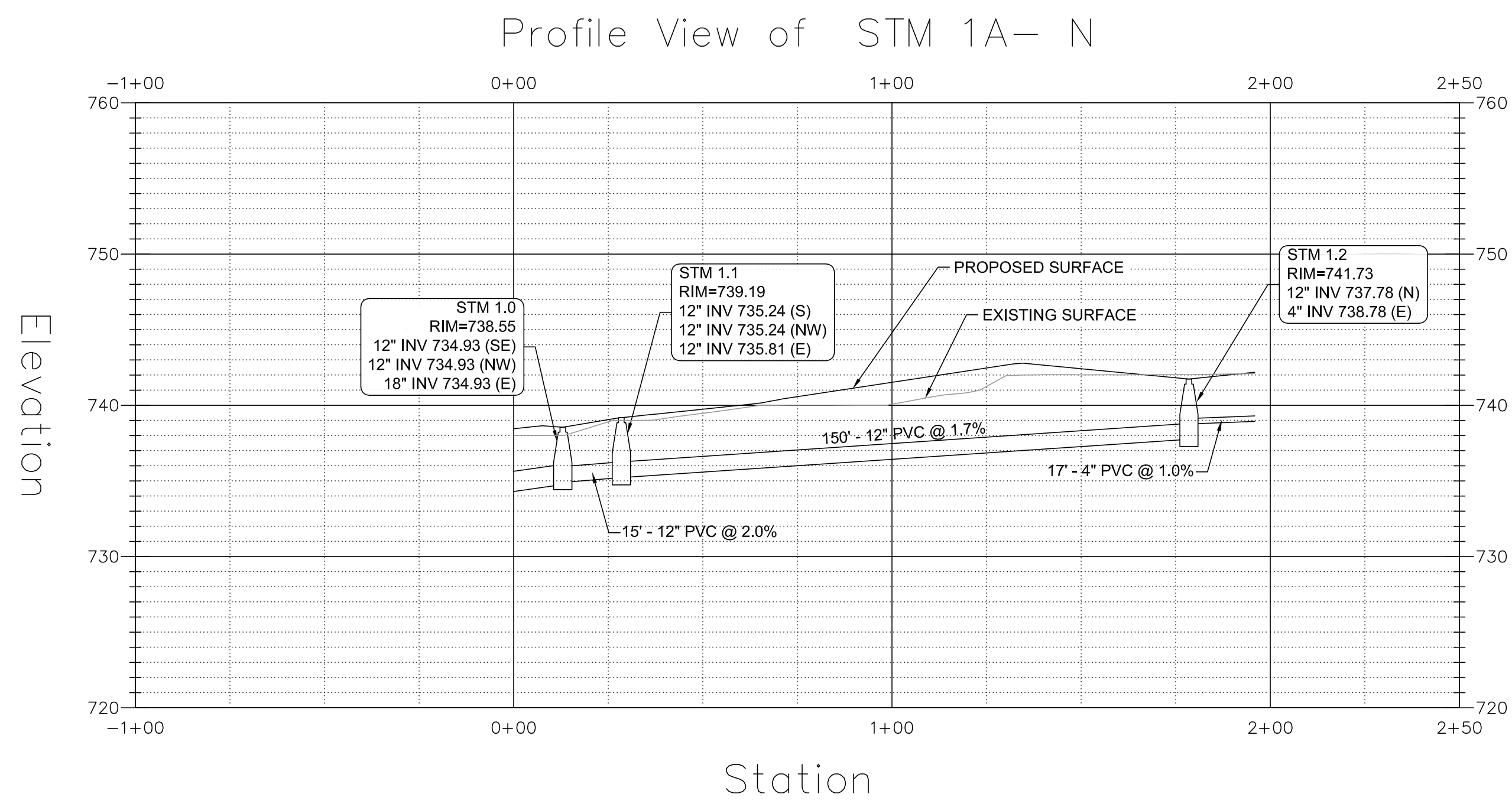
Project Number:  
 5274-02  
 Drawn By:  
 DE  
 Sheet:

**C4.01**

S:\Darien\Downers Grove SD99\5274-42 CHSD99 Improvements\01\DWG\CD\5274-42\_C4.04 UTILITY PROFILES NORTH.dwg devans Jun 04, 2019 7:48:39 am  
 Wight © Copyright 2019. All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight.



Wight & Company  
 wightco.com  
 2500 North Frontage Road  
 Darien, IL 60561  
 P 630.969.7000  
 F 630.969.7979



Structure Table		
Structure	Structure Descriptions	Structure Details
SAN 1.0	EXISTING MH WITH NEW EXTERNAL DROP	RIM = 741.88 6" S = 732.99 8" N = 728.94 8" W = 728.94
SAN 1.1	4" DIA. MH TYPE 1 F&CL	RIM = 741.82 6" SW = 736.22 6" S = 737.78 6" N = 736.12
SAN 1.2	1,000 GALLON GREASE TRAP	RIM = 741.84 6" S = 738.43 6" N = 738.43
SAN 1.3	4" DIA. MH TYPE 1 F&CL	RIM = 741.48 6" S = 736.49 6" NE = 736.39
STM 1.0	5" DIA. CB TYPE 1 F&OL	RIM = 738.55 12" S = 734.93 18" E = 734.93 12" NW = 734.93
STM 1.1	4" DIA. CB TYPE 1 F&OL	RIM = 739.19 12" S = 735.24 12" E = 735.81 12" NW = 735.24
STM 1.2	4" DIA. CB TYPE 1 F&OL	RIM = 741.73 4" E = 738.78 12" N = 737.78
STM 1.3	4" DIA. MH TYPE 1 F&CL	RIM = 741.63 12" S = 737.47 12" W = 737.47

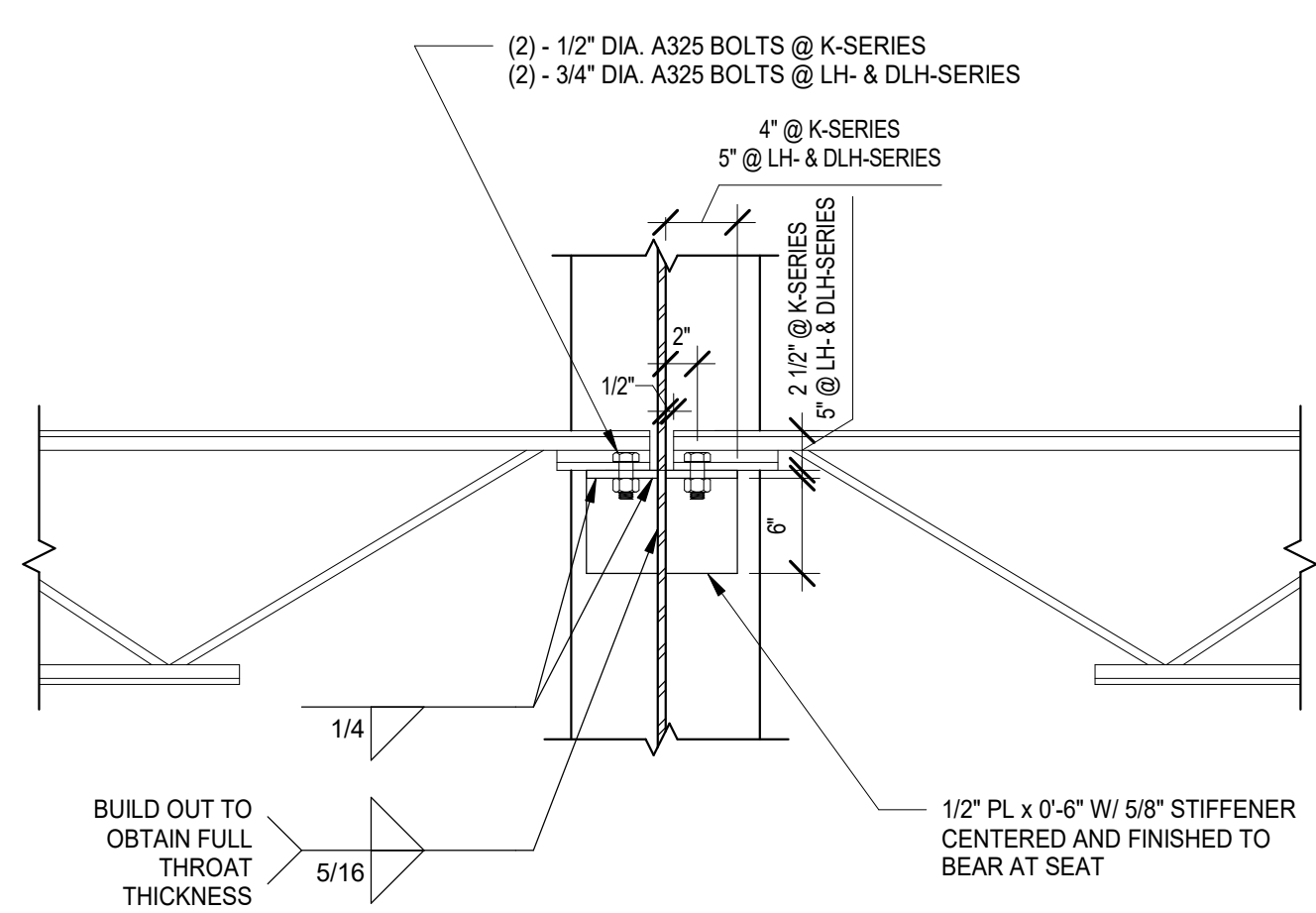
A6.1	ISSUED FOR ADDENDUM A6.1 - BID GROUP 6	05.31.2019
	FINAL PERMIT SUBMITTAL	05.13.2019
	ISSUED FOR BID - BID GROUP 6	05.10.2019
	ISSUED FOR BID - BID GROUP 5	05.10.2019
	ISSUED FOR CONSTRUCTION - PHASE A	05.08.2019
REV	DESCRIPTION	DATE

**COMMUNITY SCHOOL DISTRICT 99 - MFP IMPLEMENTATION NORTH HIGH SCHOOL**  
 4436 MAIN STREET  
 DOWNERS GROVE, IL 60516

**UTILITY PROFILES PLAN - NORTH**

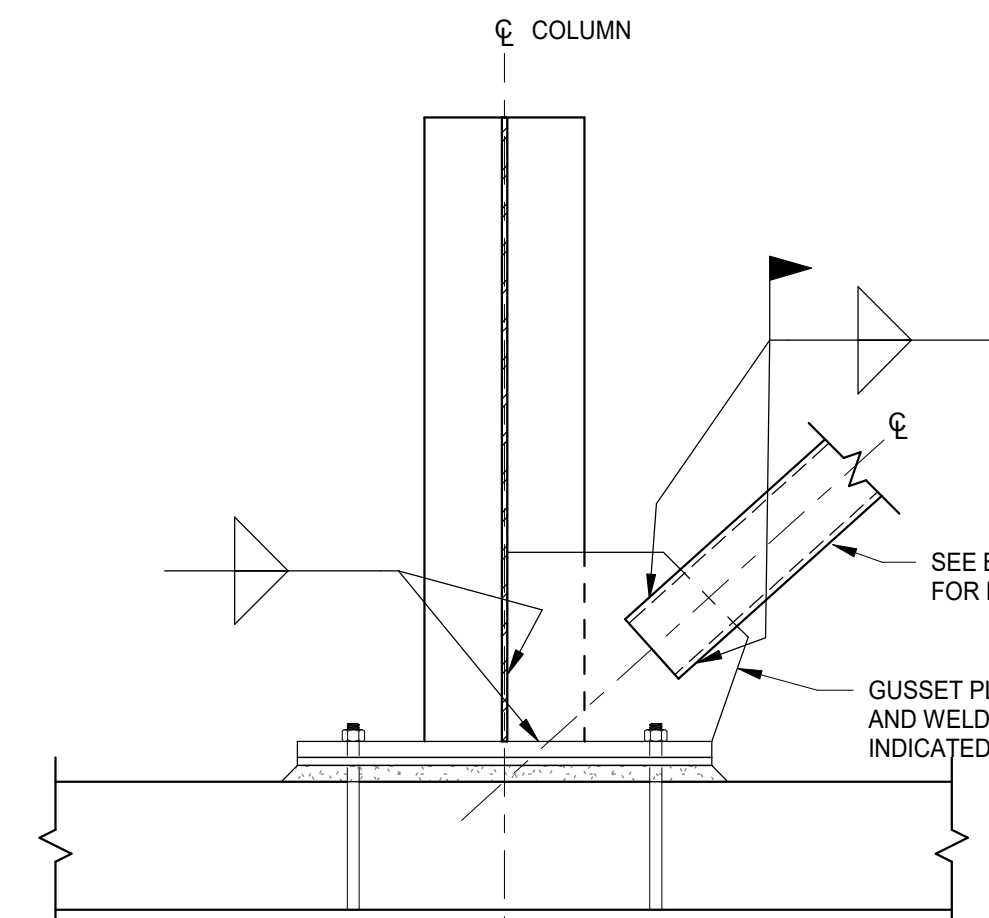
Project Number:  
 5274-02  
 Drawn By:  
 DE  
 Sheet:

**C4.04**

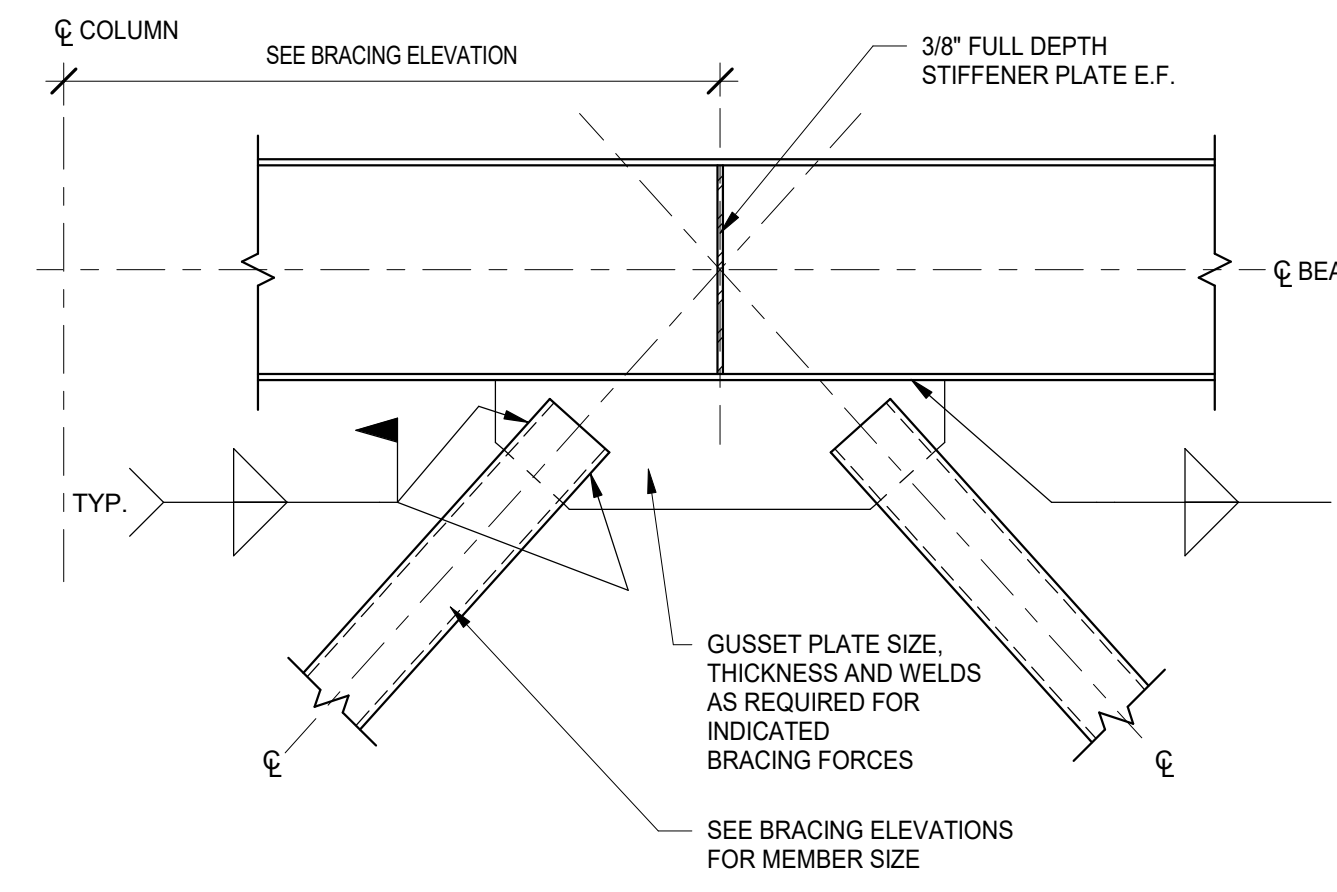


NOTE:  
1. CONNECTION CAPACITY = 19.9 KIPS SERVICE  
2. MINIMUM COLUMN SIZE = W10x26, W10x33, W12x40 & W14x43

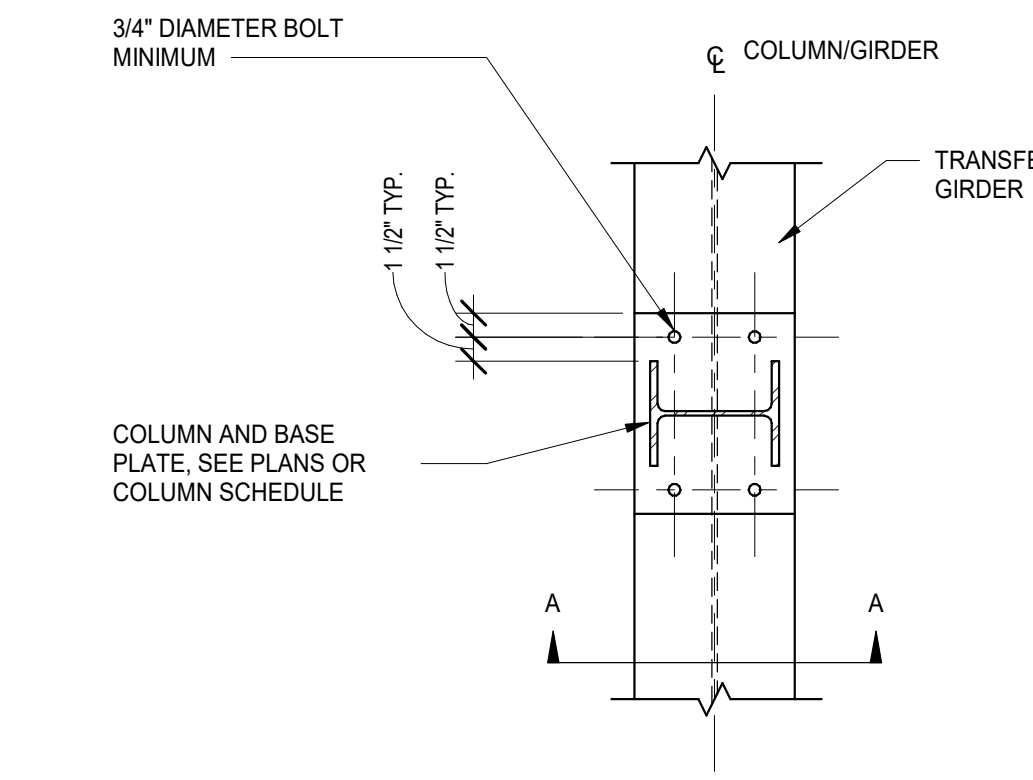
15 TYPICAL JOIST-TO-SIDE OF HSS COLUMN BEARING DETAIL  
N.T.S.



10 TYPICAL HSS BRACING CONNECTION DETAIL (FOUNDATION COLUMN WEB)  
N.T.S.

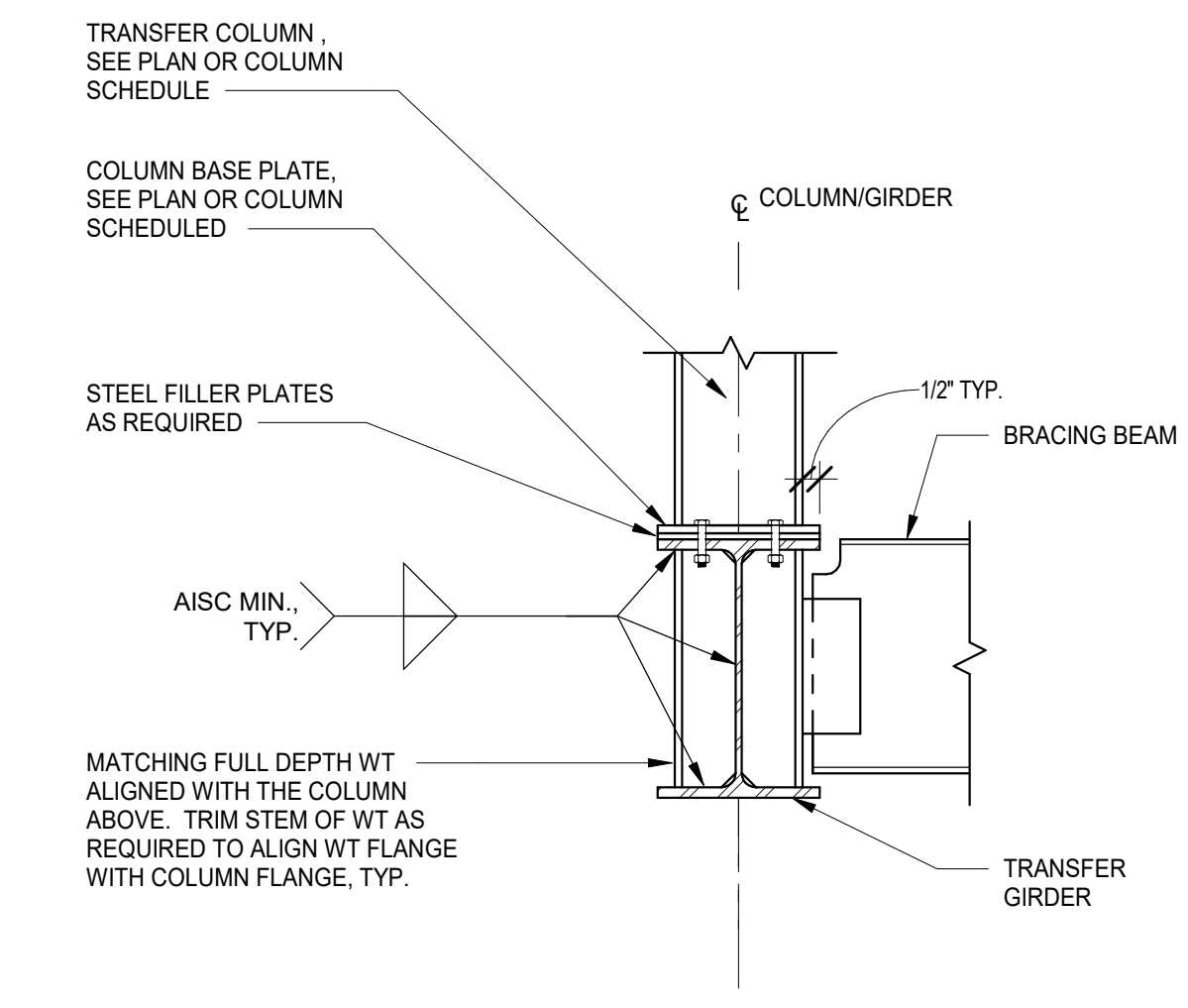


6 TYPICAL HSS BRACING CONNECTION DETAIL (CONCENTRIC BRACING)  
N.T.S.

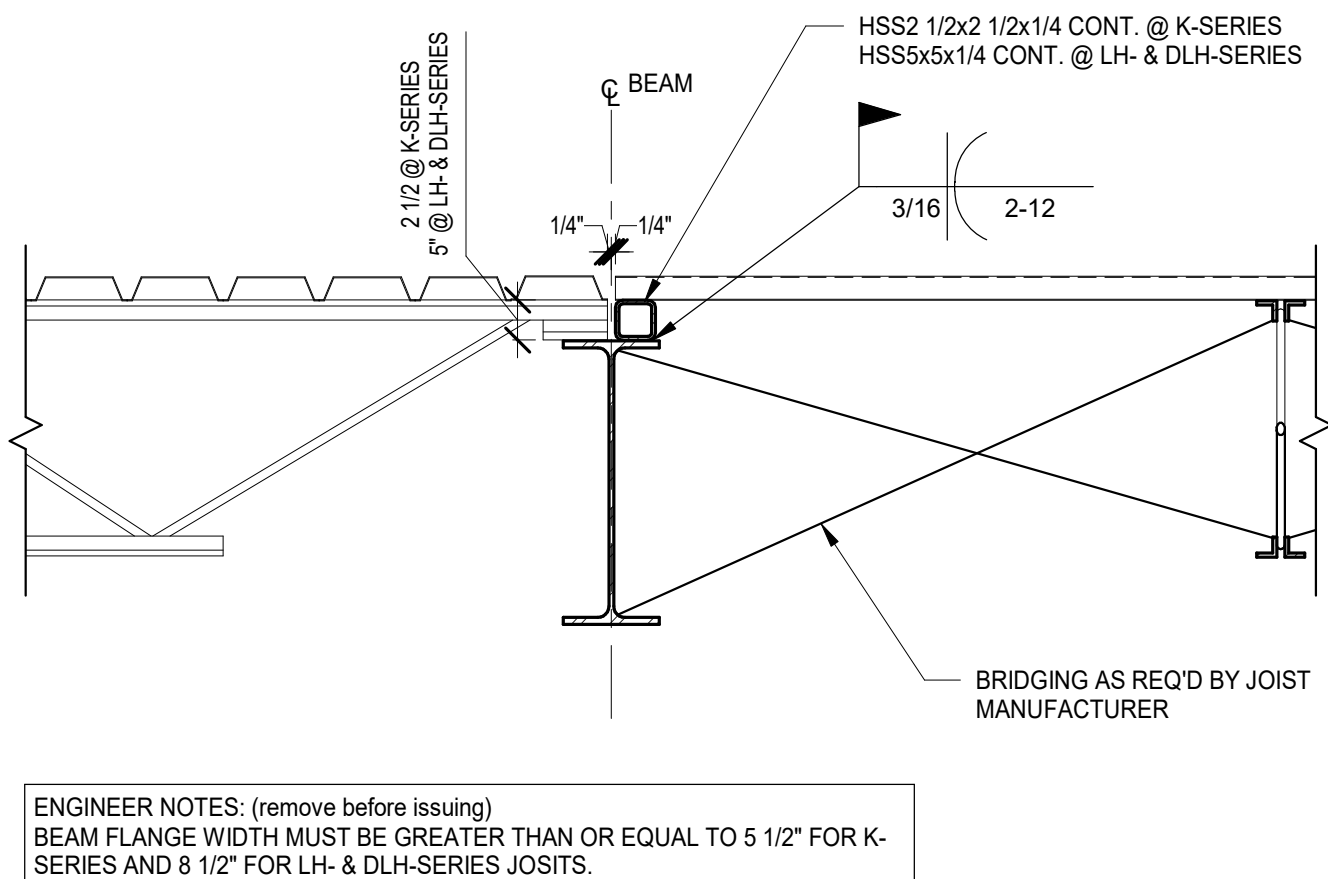


NOTE:  
FIELD SURVEY AND SET FILLER PLATES TO  
CORRECT ELEVATION PRIOR TO ERECTING COLUMN

1 TYPICAL COLUMN TRANSFER DETAIL (WIDE FLANGE COLUMN)  
N.T.S.

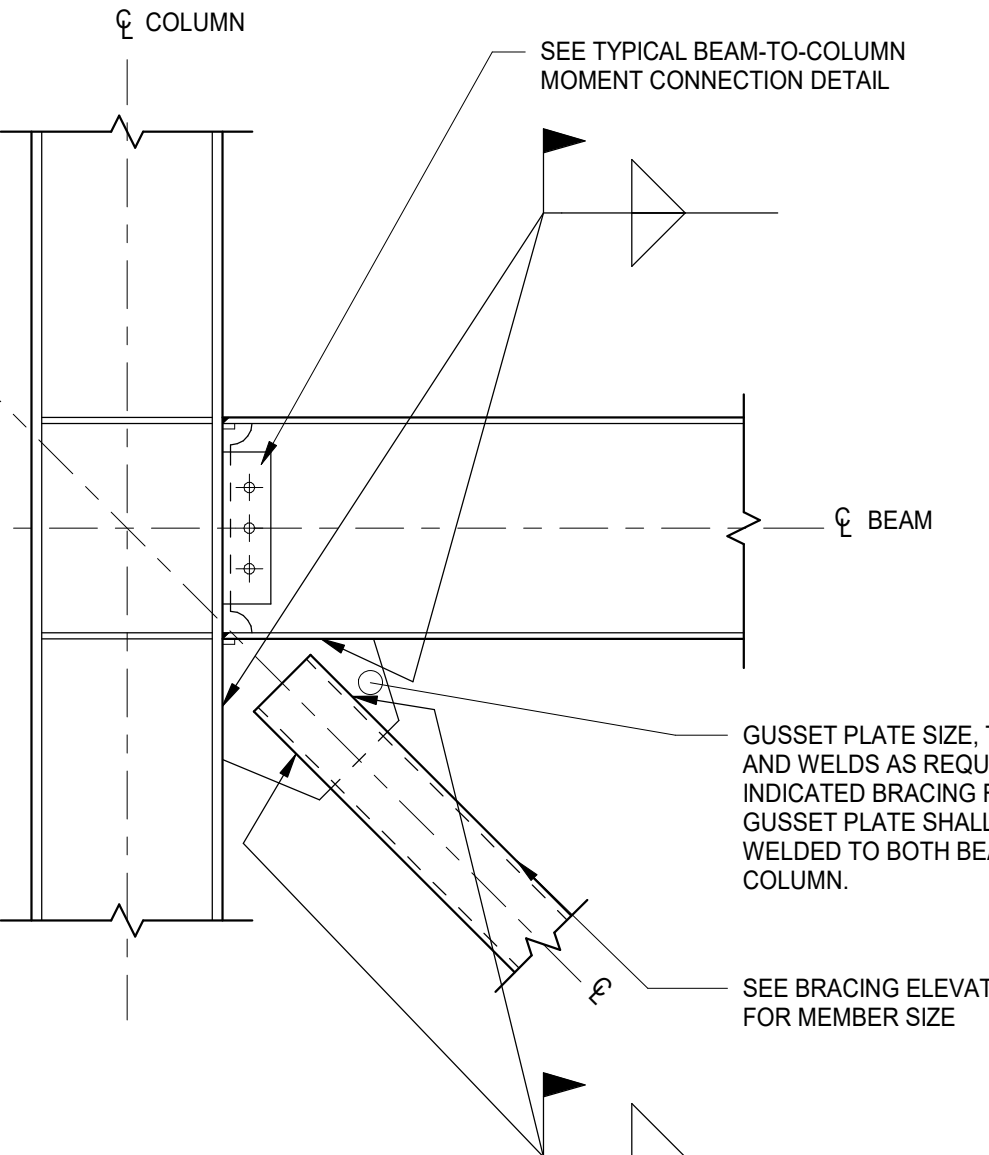


SECTION A-A

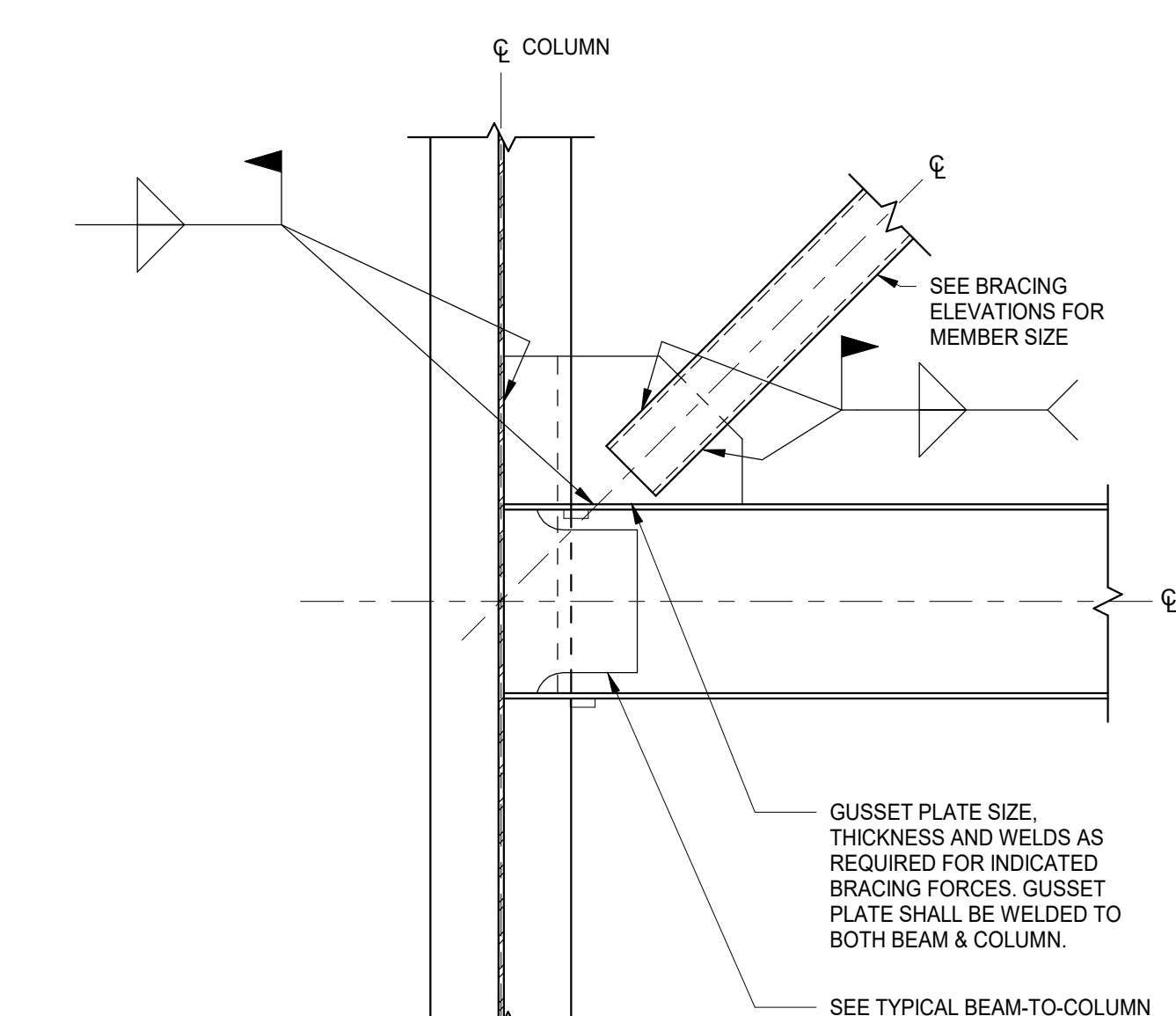


ENGINEER NOTES: (remove before issuing)  
BEAM FLANGE WIDTH MUST BE GREATER THAN OR EQUAL TO 5 1/2" FOR K-SERIES AND 8 1/2" FOR LH- & DLH-SERIES JOISTS.

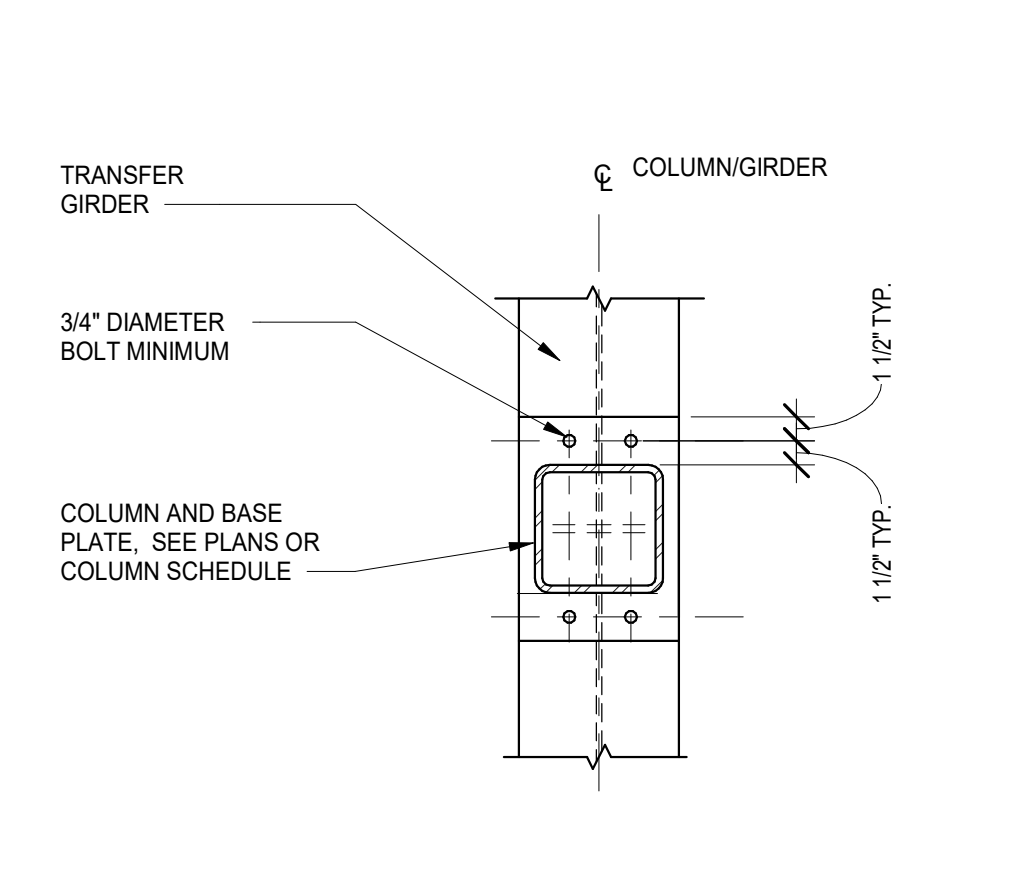
16 TYPICAL DECK DIRECTION CHANGE DETAIL  
N.T.S.



11 TYPICAL HSS BRACING CONNECTION DETAIL (COLUMN FLANGE)  
N.T.S.

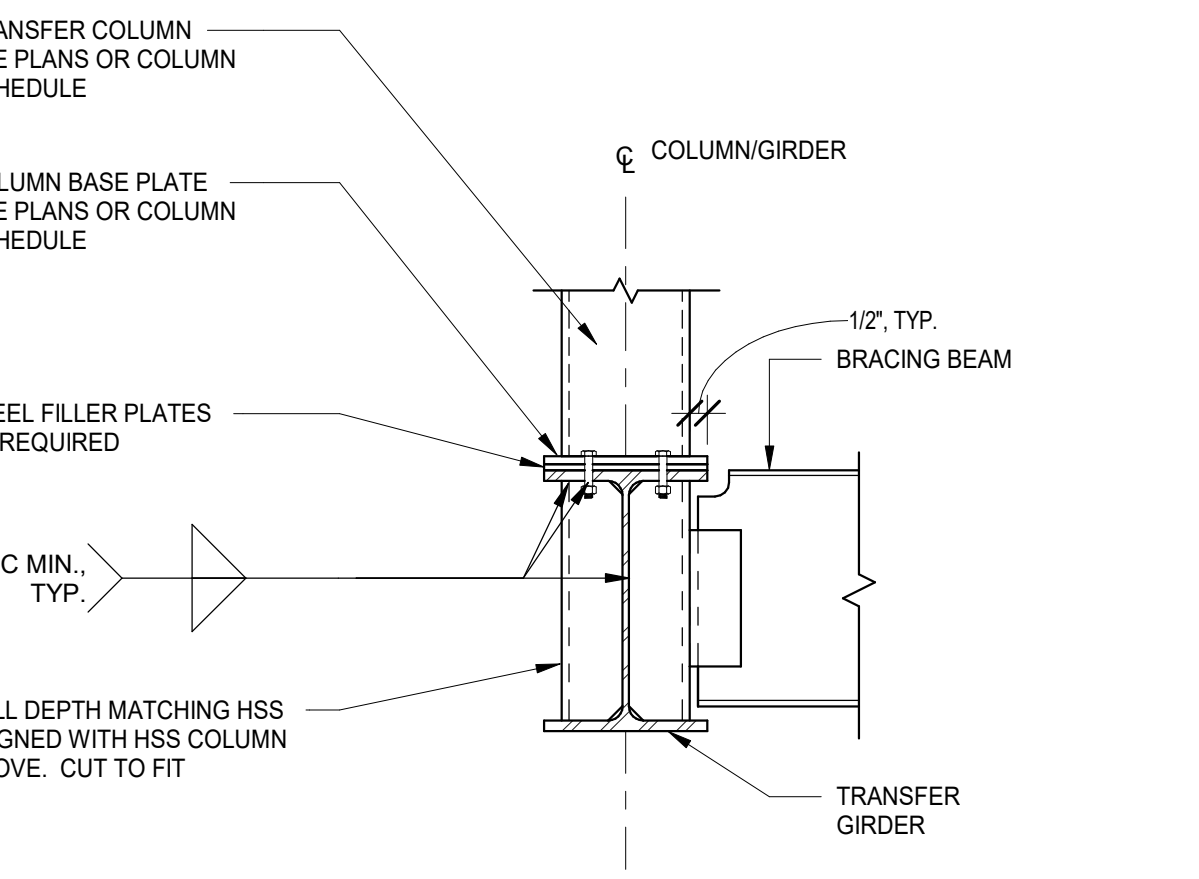


7 TYPICAL HSS BRACING CONNECTION DETAIL (COLUMN WEB)  
N.T.S.

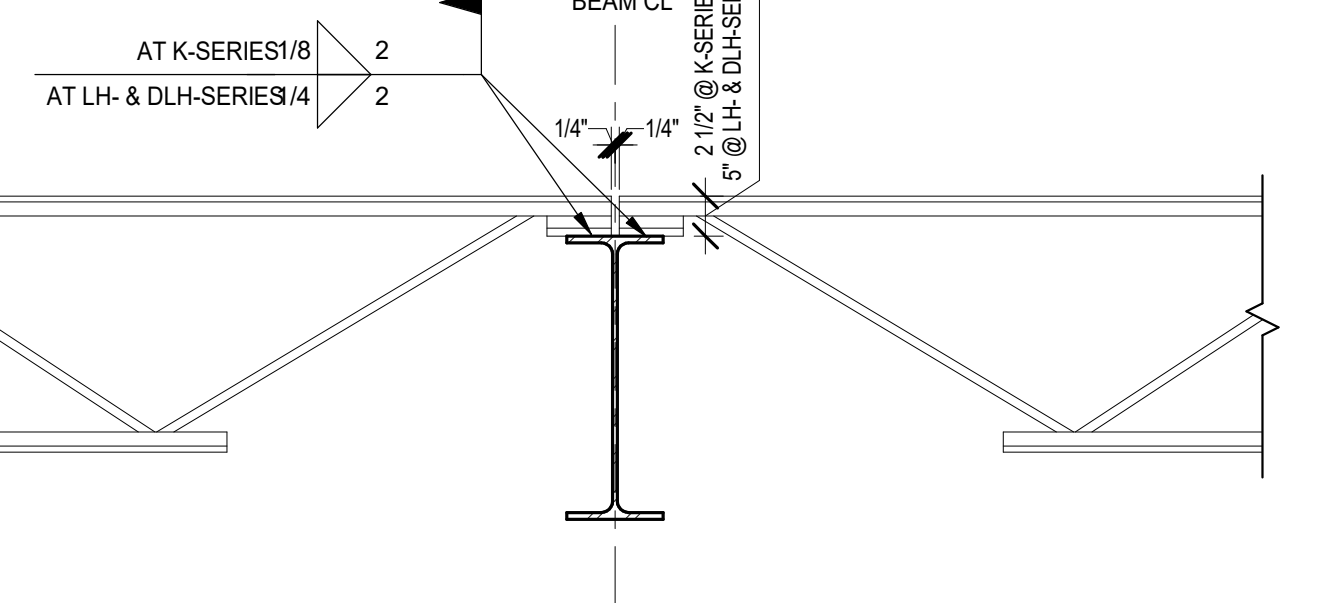


NOTE:  
FIELD SURVEY AND SET FILLER PLATES TO  
CORRECT ELEVATION PRIOR TO ERECTING COLUMN

2 TYPICAL COLUMN TRANSFER DETAIL (HSS TUBE COLUMN)  
N.T.S.

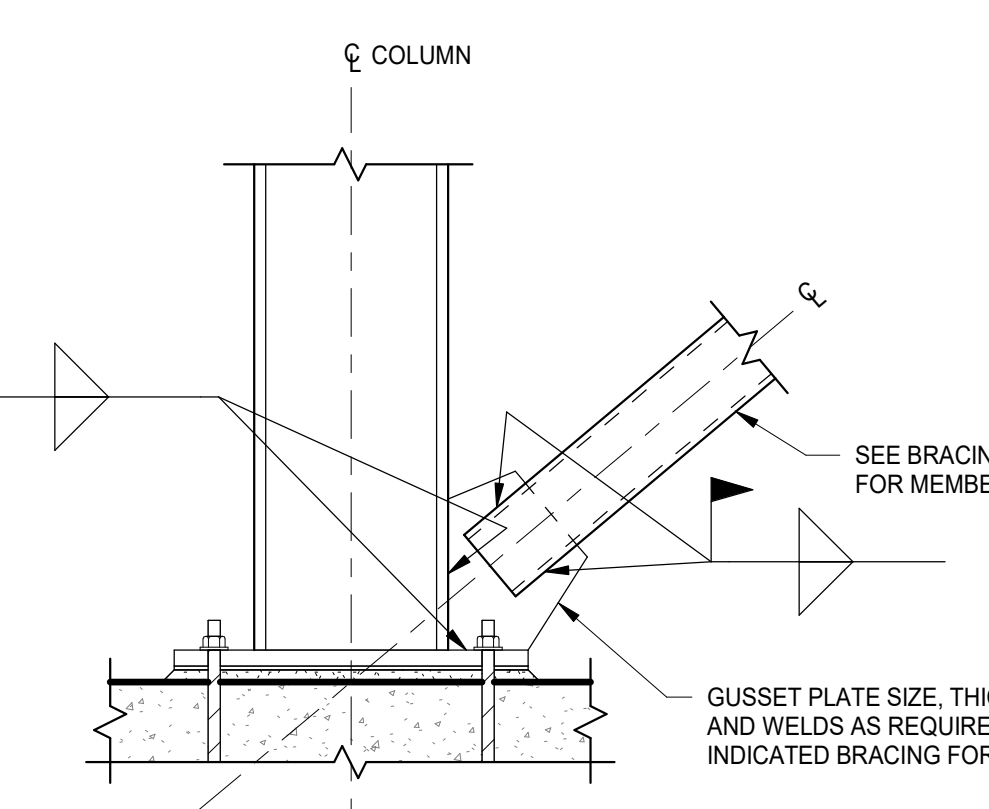


SECTION

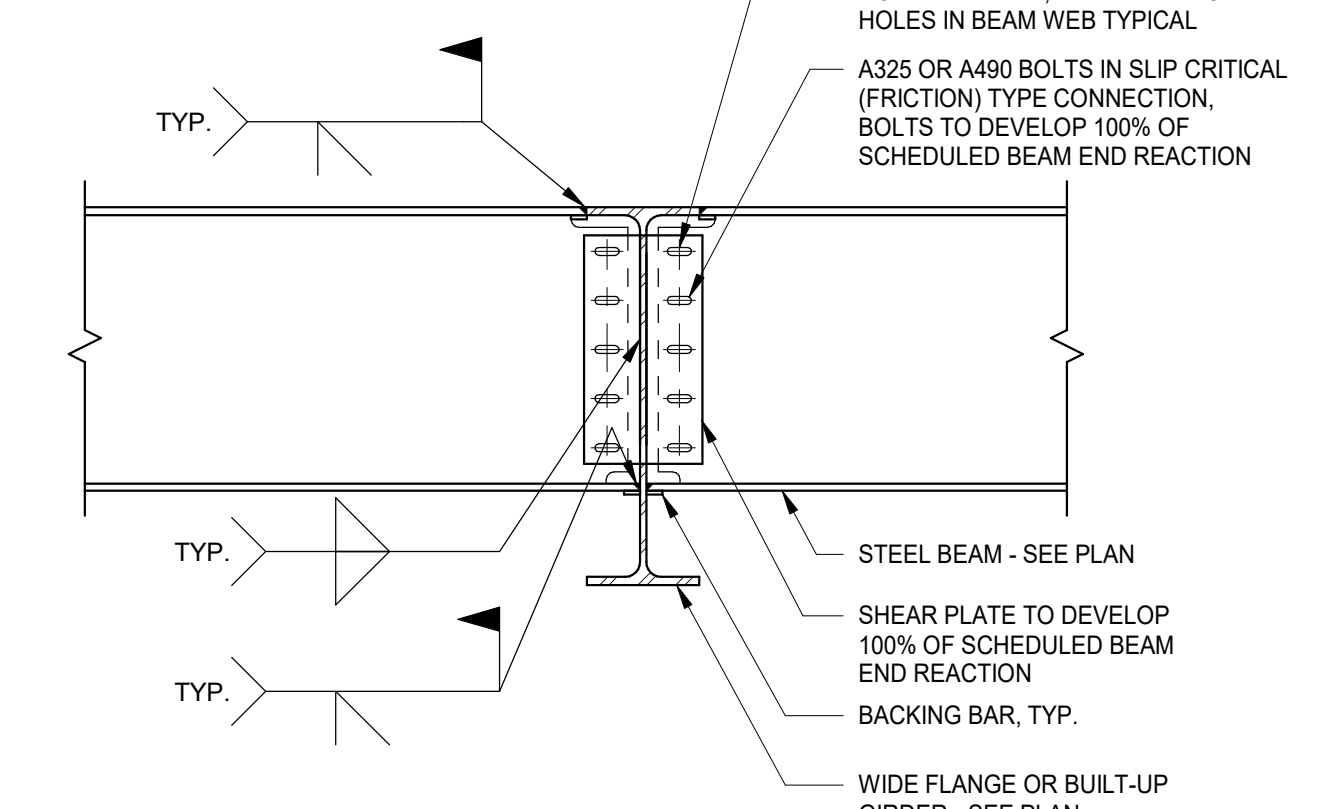


NOTE: WHERE BEAM FLANGE WIDTH IS LESS THAN 5 1/2" @ K-SERIES OR 8 1/2" @ LH- & DLH-SERIES, STAGGER JOIST END BEARING

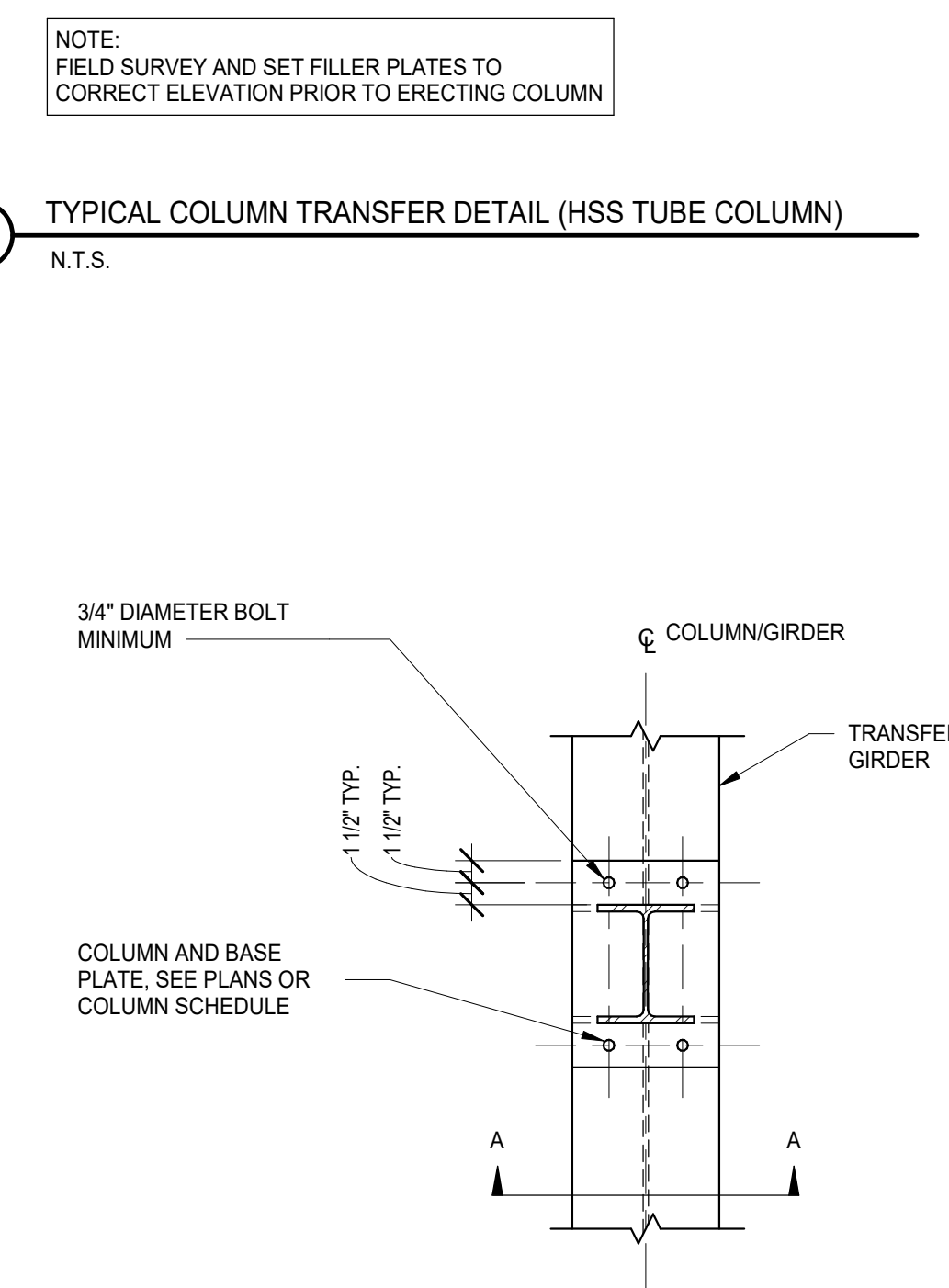
17 TYPICAL JOIST-TO-BEAM BEARING DETAIL  
N.T.S.



12 TYPICAL HSS BRACING CONNECTION DETAIL (FOUNDATION COLUMN FLANGE)  
N.T.S.

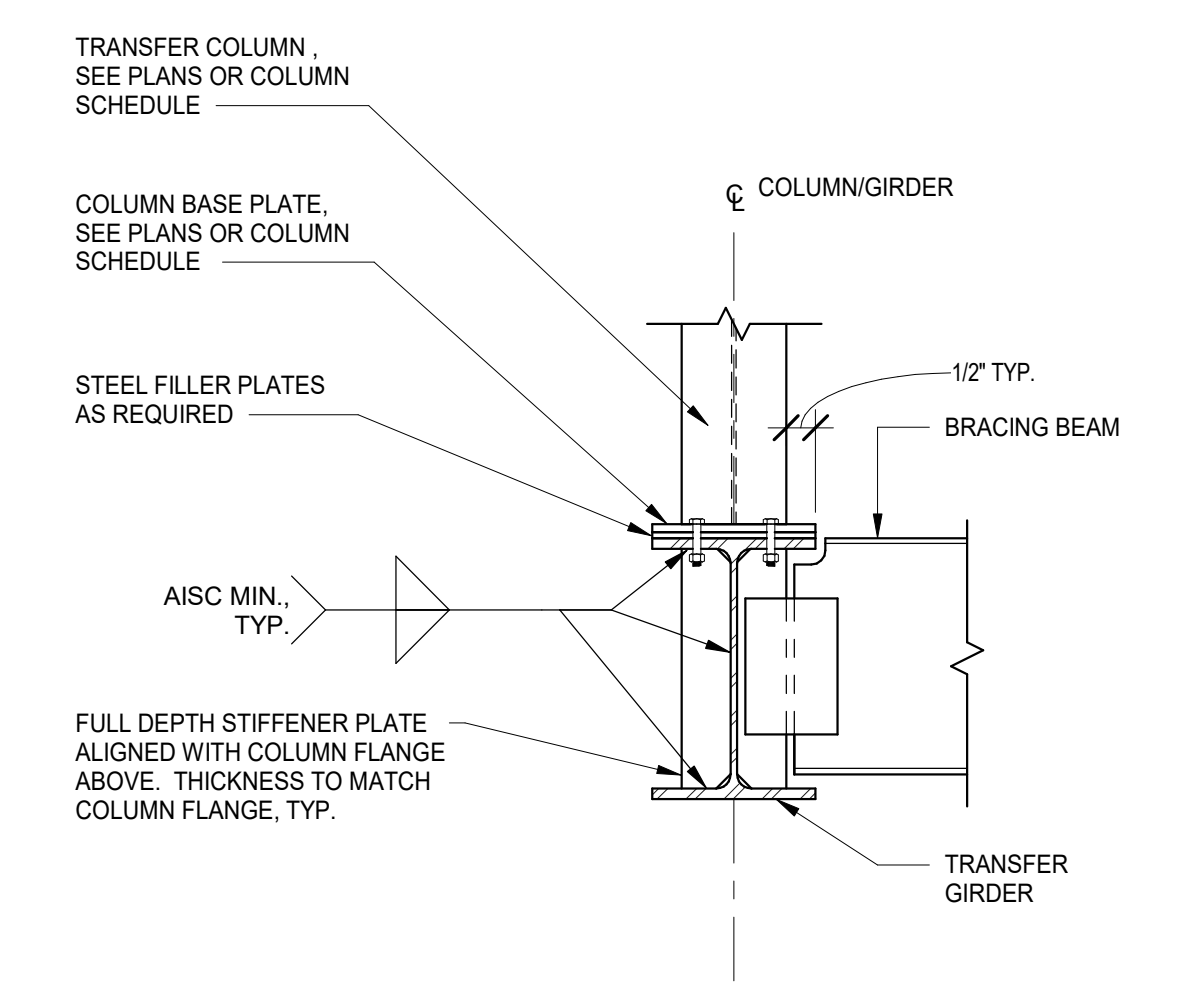


8 TYPICAL BEAM-TO-GIRDER MOMENT CONNECTION DETAIL (SLOTTED BOLT HOLES)  
N.T.S.

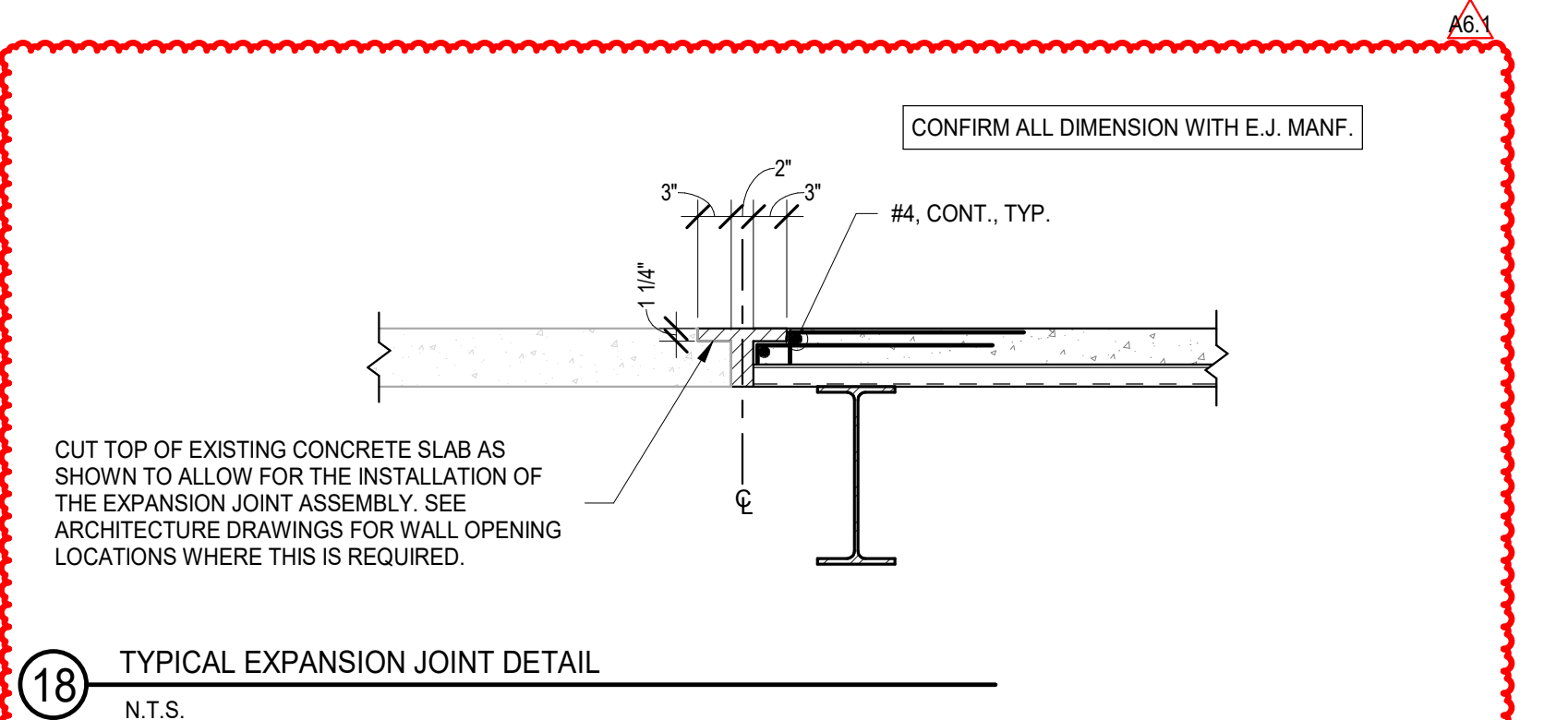


NOTE:  
FIELD SURVEY AND SET FILLER PLATES TO  
CORRECT ELEVATION PRIOR TO ERECTING COLUMN

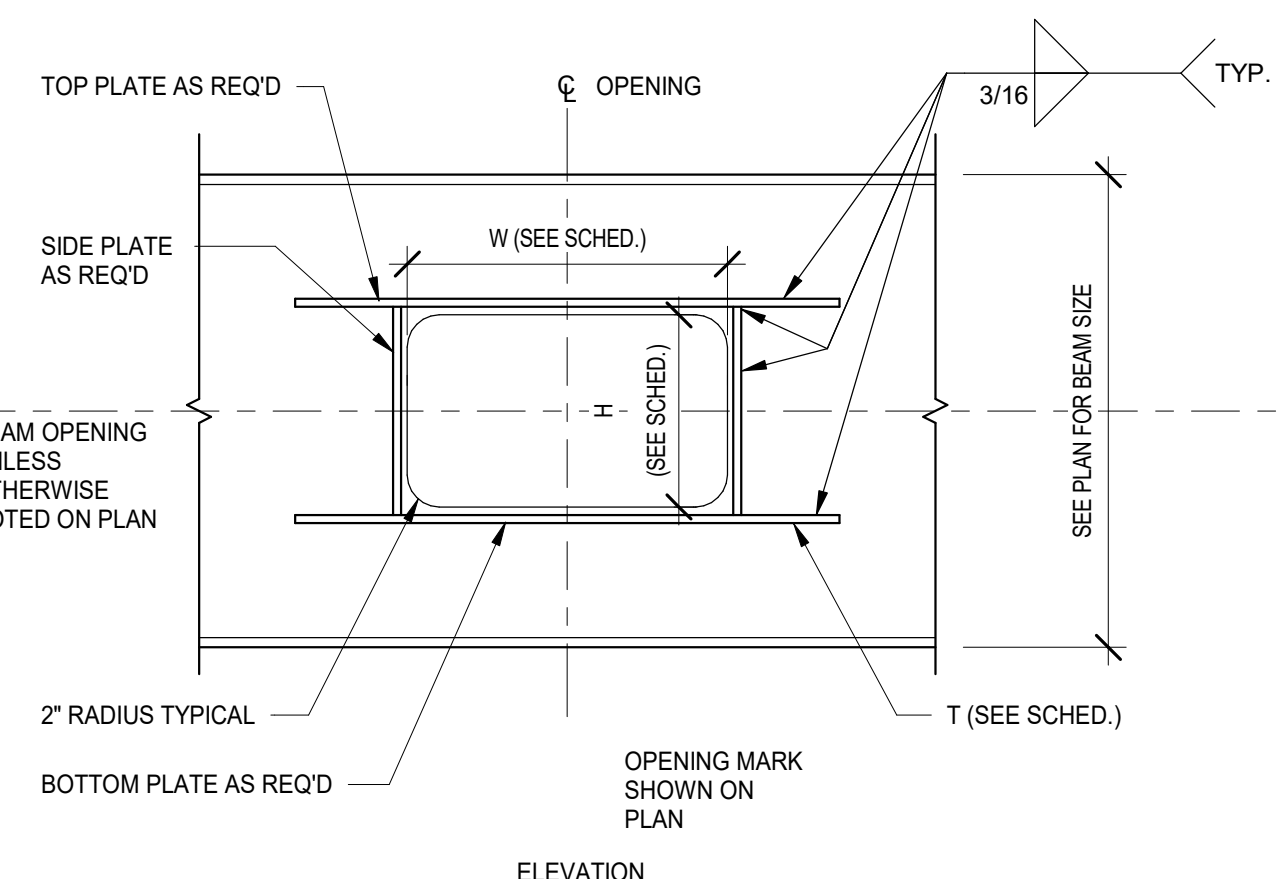
3 TYPICAL COLUMN BASE PLATE DETAIL (WIDE FLANGE COLUMN)  
N.T.S.



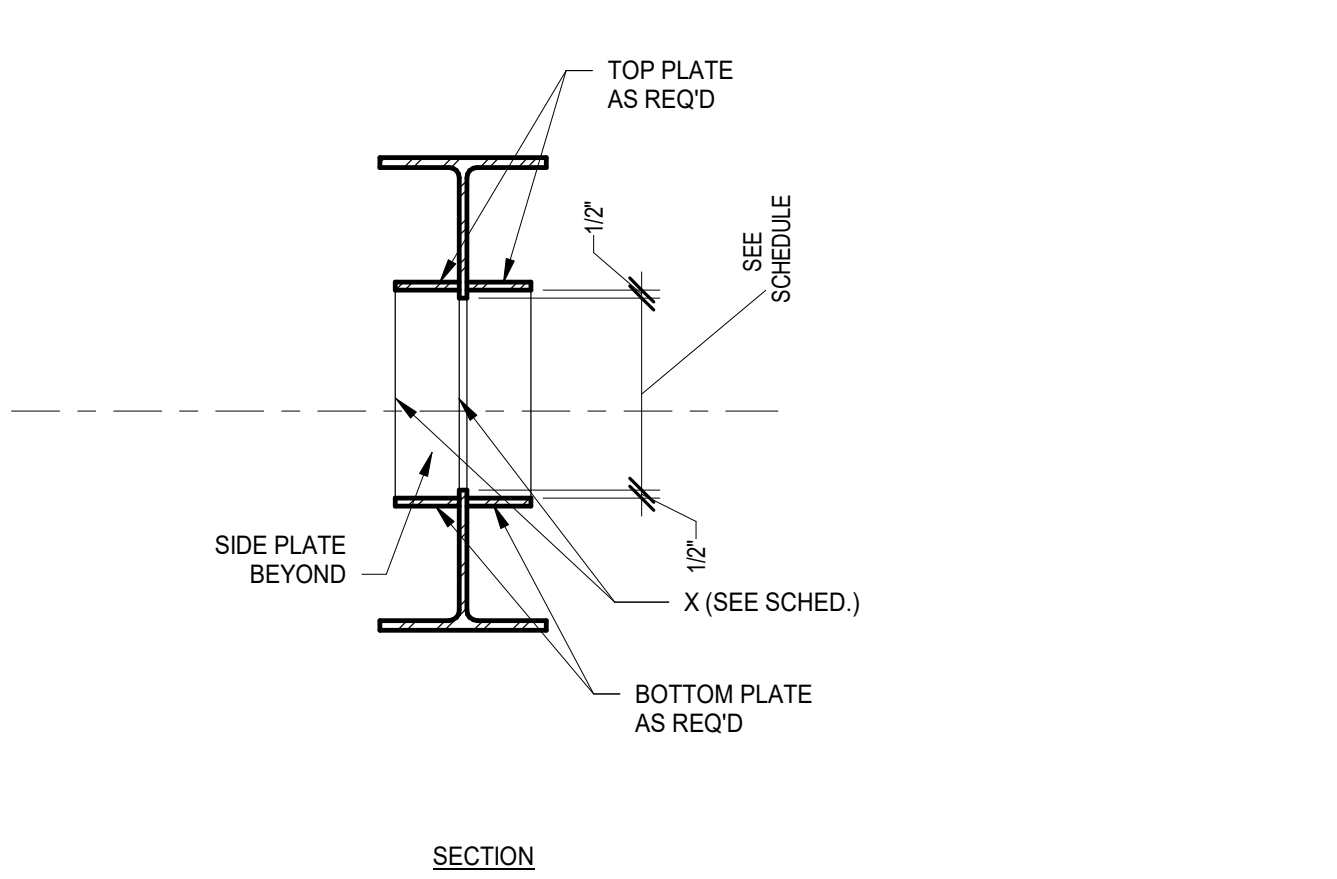
SECTION A-A



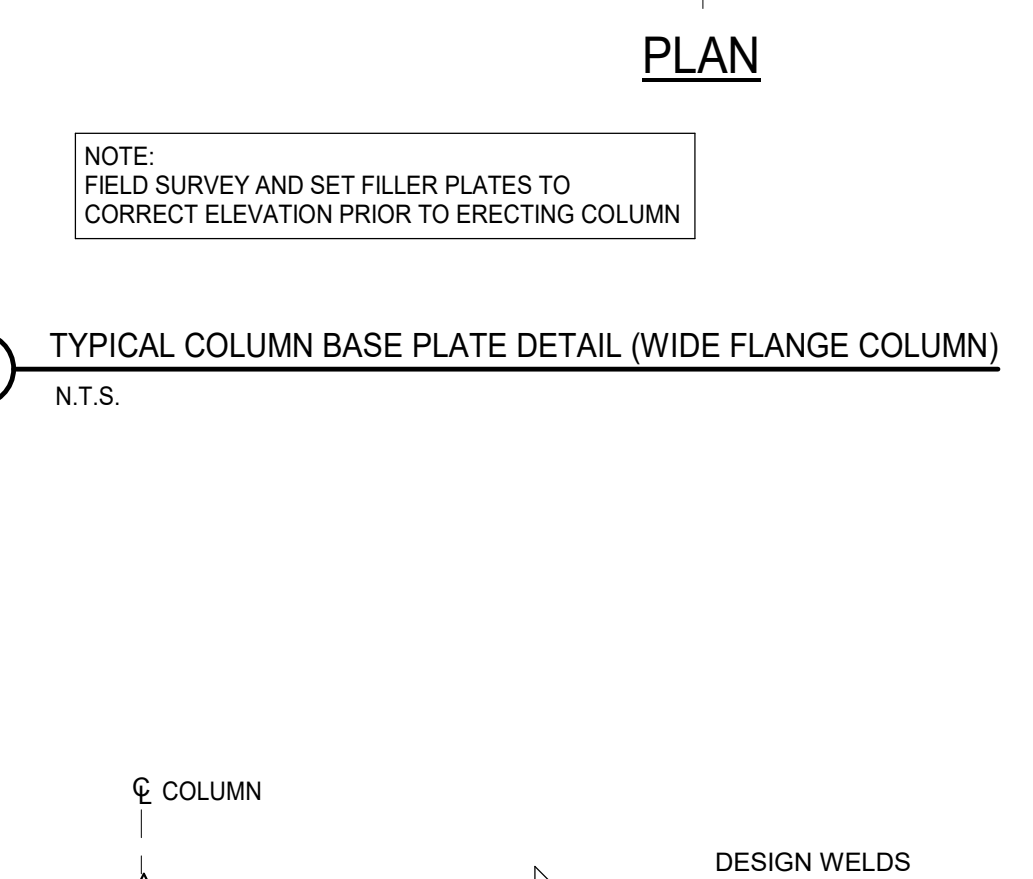
18 TYPICAL EXPANSION JOINT DETAIL  
N.T.S.



13 TYPICAL RECTANGULAR WEB PENETRATION DETAIL  
N.T.S.

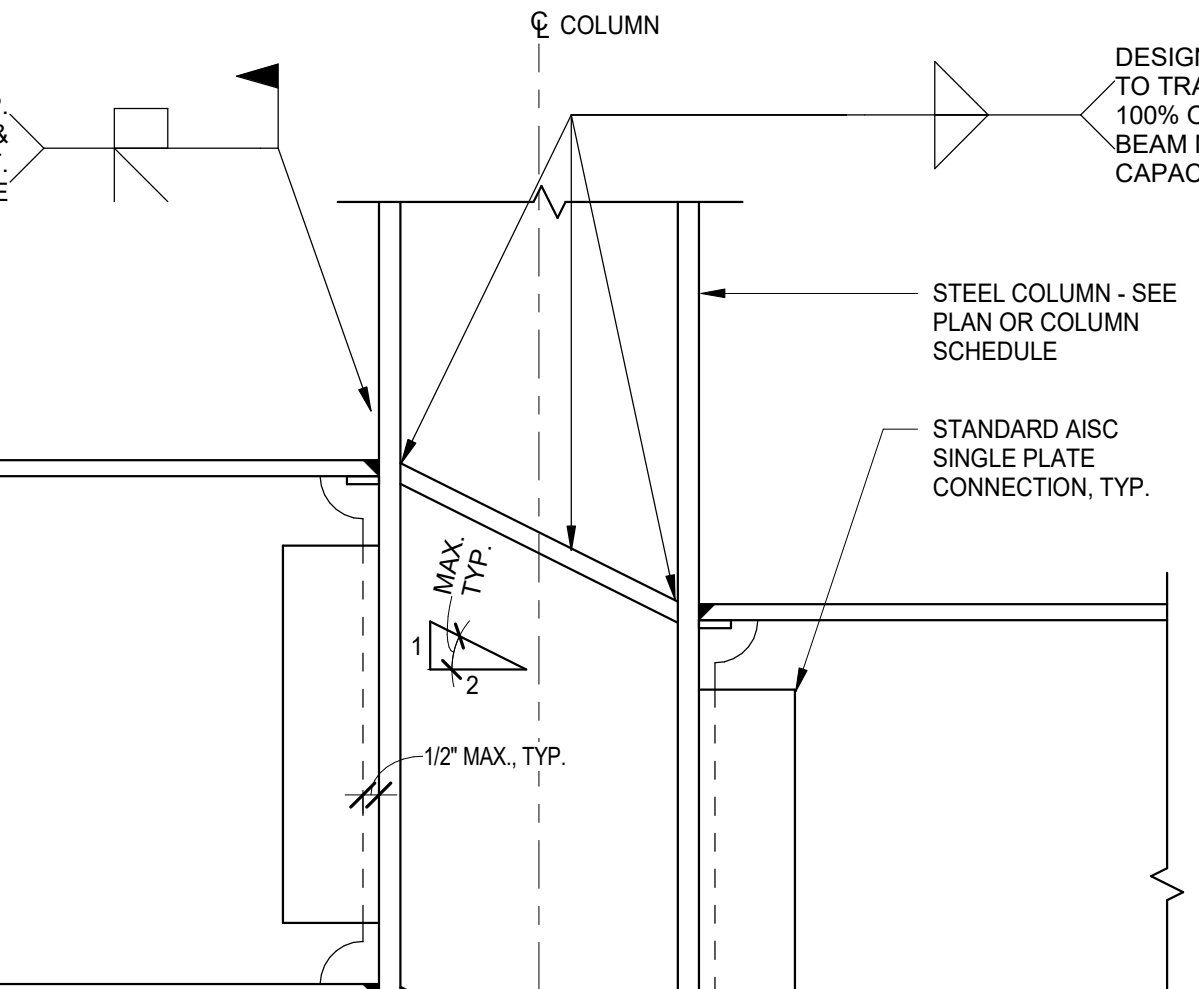


SECTION

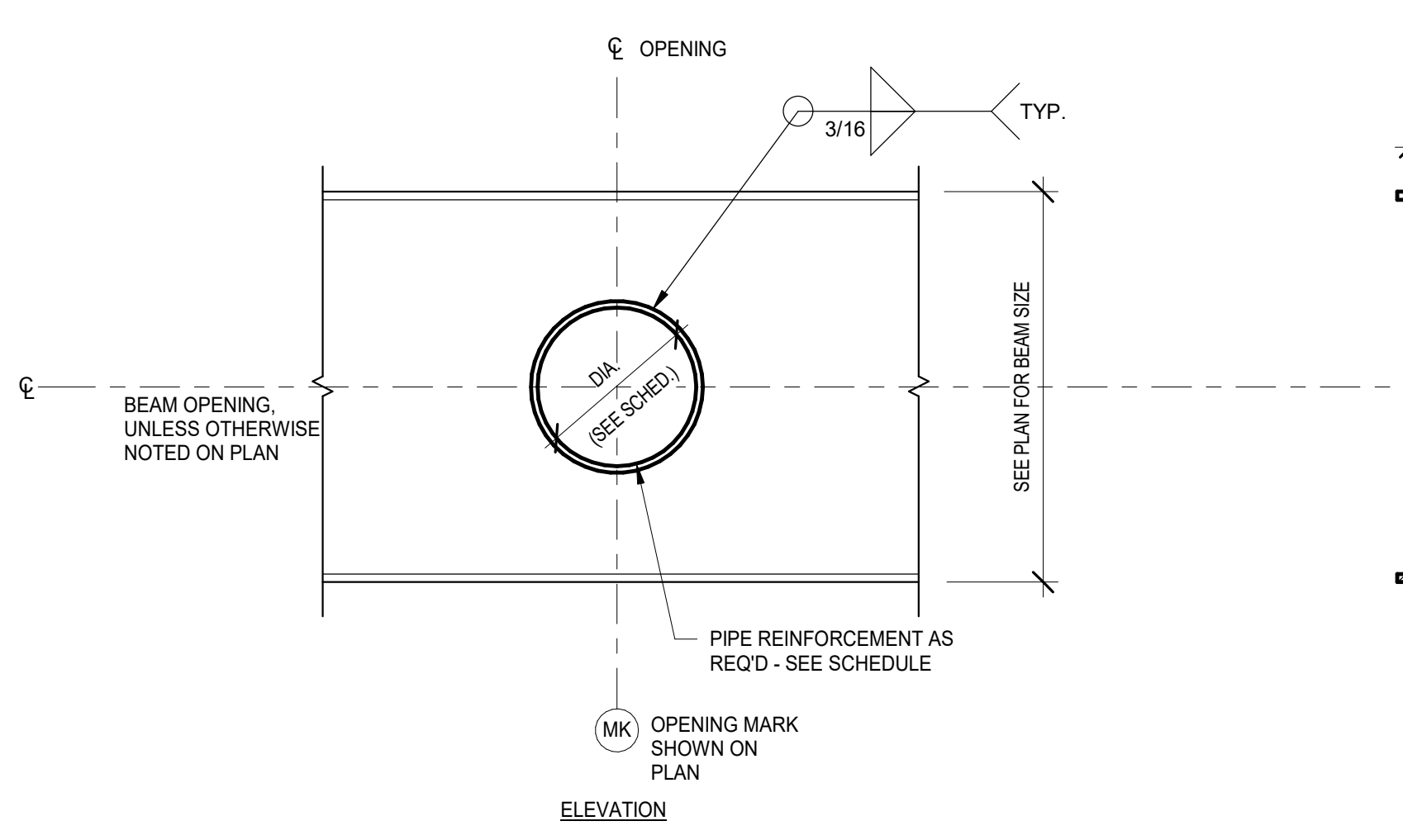


NOTE:  
FIELD SURVEY AND SET FILLER PLATES TO  
CORRECT ELEVATION PRIOR TO ERECTING COLUMN

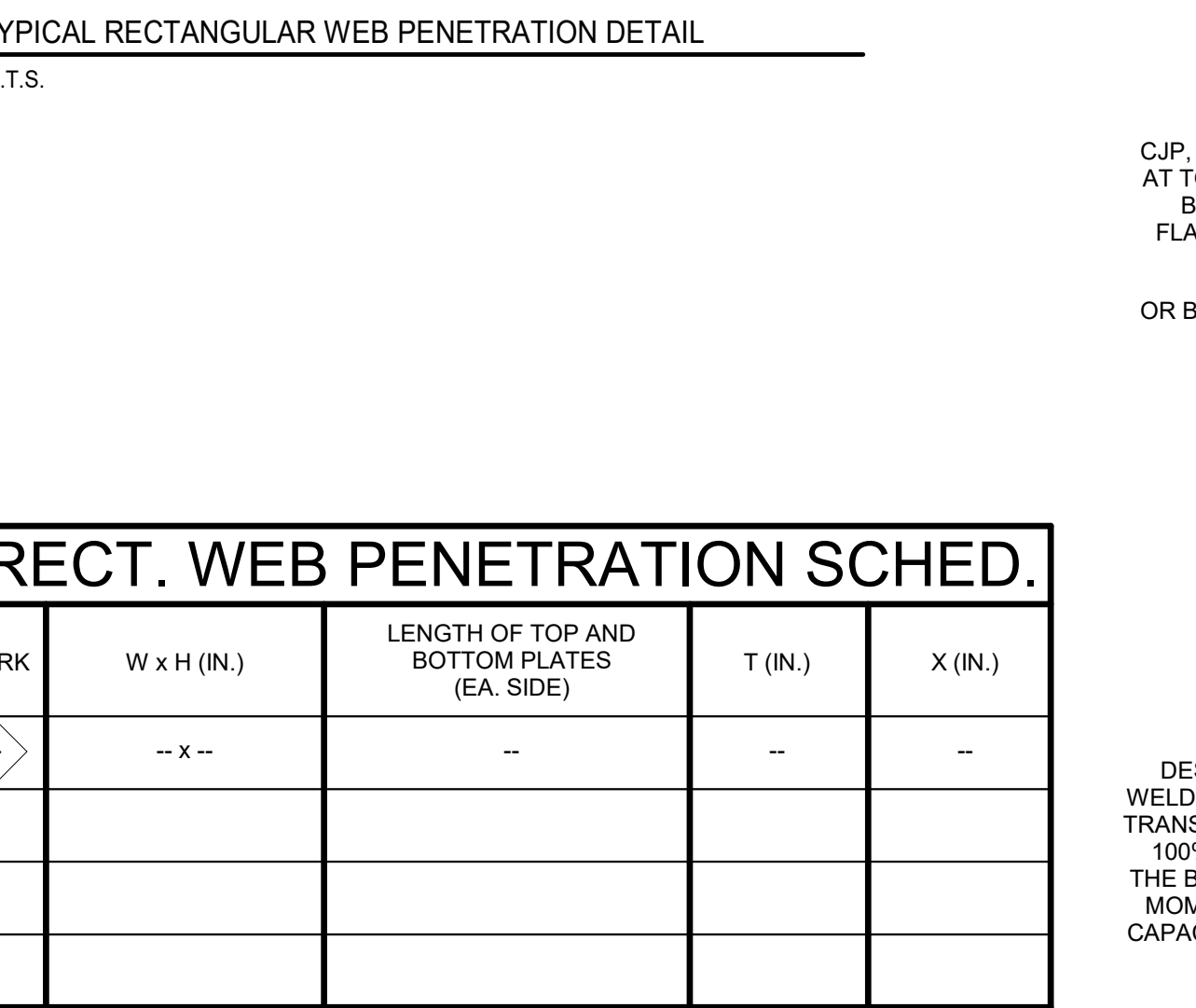
3 TYPICAL COLUMN BASE PLATE DETAIL (HSS TUBE COLUMN)  
N.T.S.



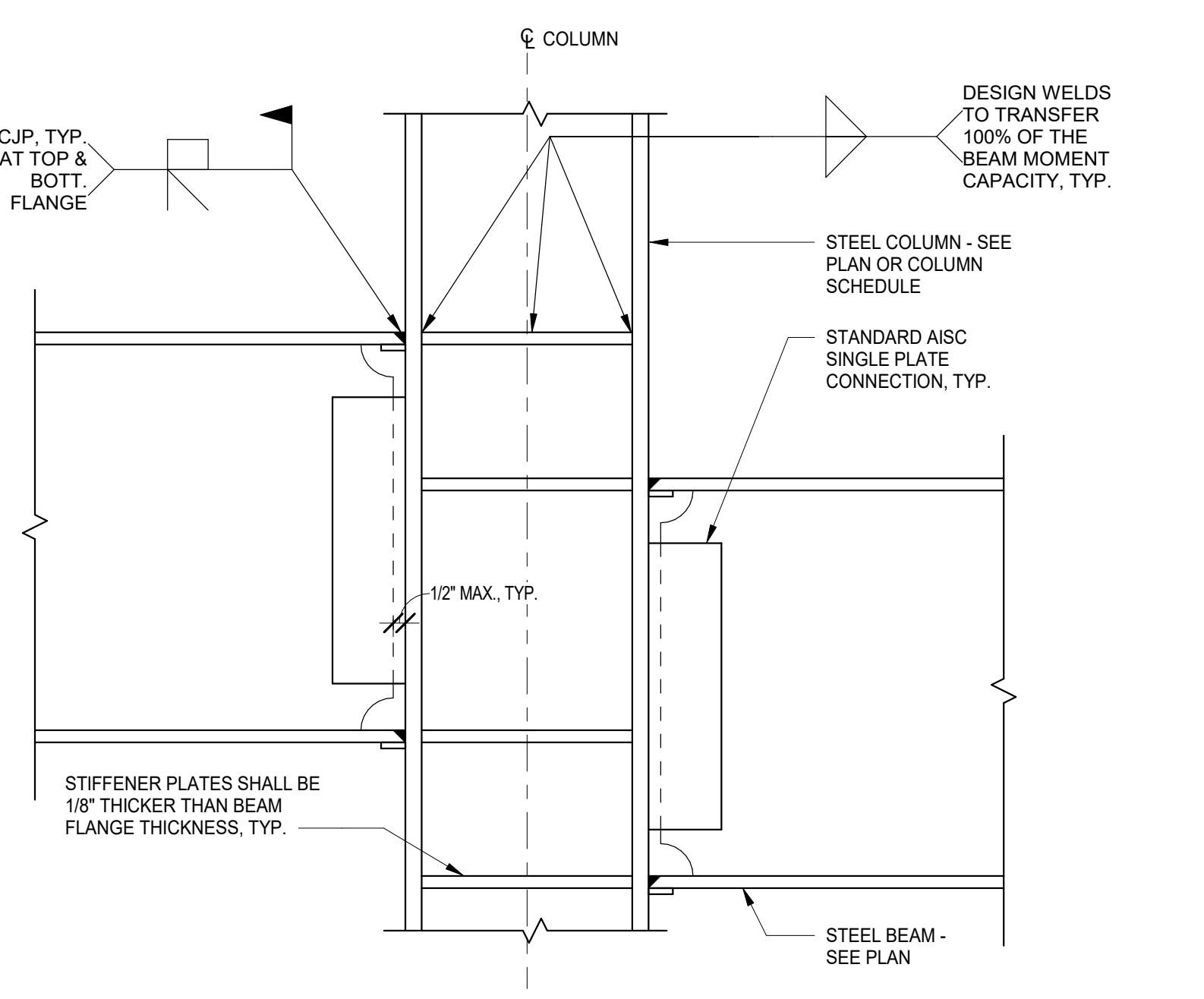
SECTION A-A



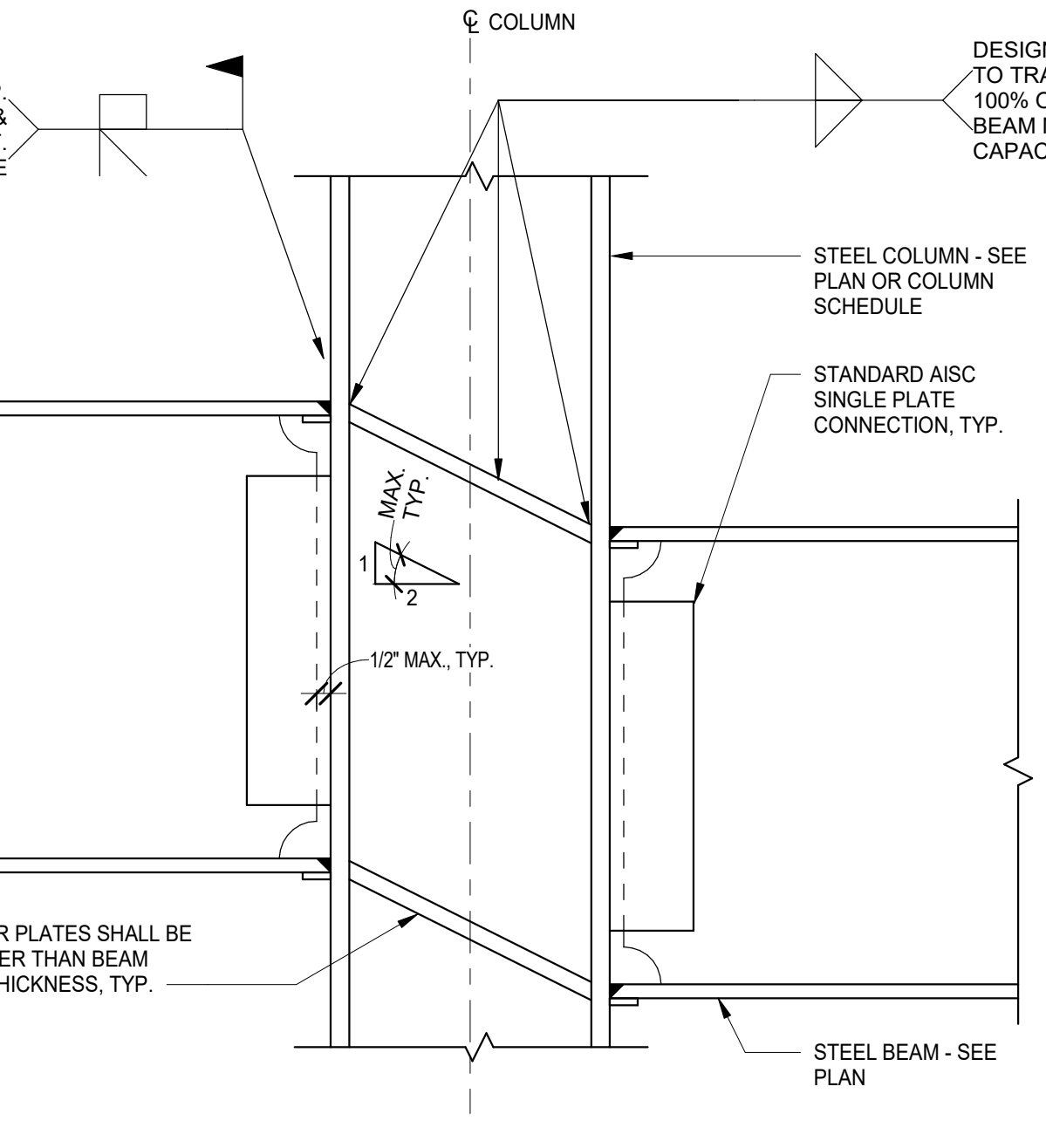
19 TYPICAL CIRCULAR WEB PENETRATION DETAIL  
N.T.S.



9 TYPICAL BEAM-TO-COLUMN MOMENT CONNECTION DETAIL (WEB)  
N.T.S.



5 TYPICAL BEAM-TO-COLUMN MOMENT CONNECTION AT VARIABLE DEPTH BEAMS - SHOP FABRICATED  
N.T.S.



4 TYPICAL BEAM-TO-COLUMN MOMENT CONNECTION AT VARIABLE DEPTH BEAMS - SHOP FABRICATED  
N.T.S.

CIRCULAR WEB PENETRATION SCHED.			
MARK	PENETRATION DIAMETER (IN.)	REINFORCING	
		PIPE SIZE	"X" (IN.)
○	--X--		

RECT. WEB PENETRATION SCHED.				
MARK	W x H (IN.)	LENGTH OF TOP AND BOTTOM PLATES (EA. SIDE)	T (IN.)	X (IN.)

13 RECTANGULAR WEB PENETRATION SCHEDULE  
N.T.S.

20 CIRCULAR WEB PENETRATION SCHEDULE  
N.T.S.

NOT FOR CONSTRUCTION

REV	DESCRIPTION - PHASE B	ISSUE	DATE
A6.1	ISSUED FOR ADDENDUM A6.1 - BID GROUP 6		05.31.2019
	ISSUED FOR BID-BID GROUP 6		05.10.2019
	ISSUED FOR 75% CD - PHASE B		05.10.2019
	ISSUED FOR 50% CD - PHASE B		04.12.2019
	ISSUED FOR DESIGN DEVELOPMENT - PHASE B		03.11.2019

**MFP IMPLEMENTATION - NORTH**

4436 MAIN STREET  
DOWNERS GROVE, IL 60515

**TYPICAL SECTIONS AND DETAILS**

Project Number:  
5274-42  
Drawn By:  
I.K.  
Sheet:

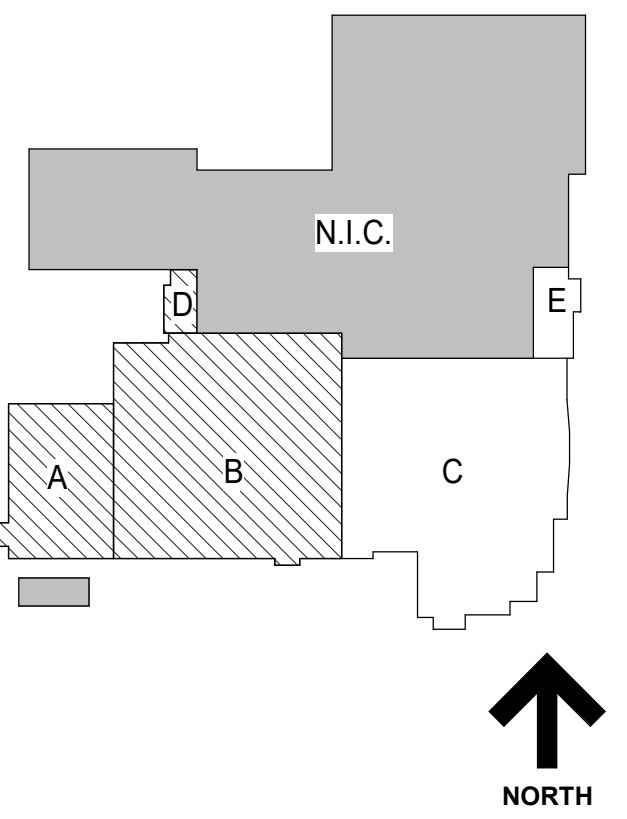
5/12/2019 1:43:24 PM C:\Users\jshank\Documents\11-5274-42\_DCN\_Shec\_2019\_Central\_Autobahn.mxd Wight & Co. © Copyright 2018 All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written consent of Wight & Co.



COMMUNITY HIGH SCHOOL DISTRICT 99

Wight

Wight & Company  
wightco.com  
2500 North Frontage Road  
Darien, IL 60561  
P 630.969.7000  
F 630.969.7979



MARK	SIZE	VERTICAL REINFORCEMENT	TIES
P1	22'X22'	12#6	#3
P2	24'X24'	12#7	#3
P3	22'X26'	14#6	#3
P4	30'X24'	16#8	#3
P5	30'X32'	16#7	#3
P6	22'X30'	16#7	#3
P7	22'X36'	16#7	#3
P8	26'X36'	16#7	#3 TIES #3 HAR PINS AT THE TOP OF THE CONCRETE PIER
P9	26'X36'	16#7	#3

- FOUNDATION PLAN NOTES**
- SEE S0 SERIES DRAWINGS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LINTEL SCHEDULES, AND STATEMENT OF SPECIAL INSPECTIONS
  - SEE S1 SERIES DRAWINGS FOR TYPICAL SECTIONS AND DETAILS.
  - SEE S3 SERIES DRAWINGS FOR NON-TYPICAL SECTIONS AND DETAILS.
  - SEE S4 SERIES DRAWINGS FOR SCHEDULES, ELEVATIONS AND DETAILS.
  - CENTERLINE OF SPREAD FOOTING IS ON GRIDLINE, TYPICAL UNLESS NOTED OTHERWISE.
  - SEE SHEET S1.1 FOR TYPICAL SPREAD FOOTING DETAIL AND SPREAD FOOTING SCHEDULE.
  - ESTABLISH BOTTOM OF FOOTINGS IN STRATUM AS INDICATED. ELEVATIONS GIVEN ARE FOR BIDDING/ESTIMATING PURPOSES ONLY. ON-SITE INSPECTION OF FOUNDATION BEARING STRATA SHALL BE CONDUCTED DURING CONSTRUCTION BY A QUALIFIED GEOTECHNICAL ENGINEER.
  - CENTERLINE OF COLUMN IS ON GRIDLINE. TYPICAL UNLESS NOTED OTHERWISE.
  - SEE PLANS FOR COLUMN ORIENTATION AND COLUMN CENTERLINE TO GRIDLINE DIMENSIONS FOR OFFSET COLUMNS.
  - SEE PLANS FOR TOP OF ROUGH SLAB ELEVATION.
  - SLAB-ON-GRADE SHALL BE 4" THICK CONCRETE SLAB OVER PREPARED SUBGRADE. REINFORCE WITH 4#8@12" O.C. OF STRUX 9040 MACROSYNTHETIC FIBERS OR EQUIVALENT.
  - PROVIDE THICKENED SLAB AND DOWELS TO CMJ WALLS (N GROUVED CELLS) AT SLAB-ON-GRADE IN ACCORDANCE WITH TYPICAL SECTIONS AND DETAILS. SEE ARCHITECTURAL DRAWINGS FOR CMJ WALL SIZE, LOCATION, REINFORCEMENT, TOP-OF-WALL CONNECTION AND CURBS IF ANY.
  - SEE ARCHITECTURAL DRAWINGS FOR CURBS NOT INDICATED (SIZE AND LOCATION). SEE TYPICAL SECTIONS AND DETAILS FOR CURBS REINFORCEMENT.
  - SEE TYPICAL DETAILS FOR ELECTRICAL GROUNDING DETAIL AND REQUIREMENTS FOR A CONCRETE ENCASED GROUNDING ELECTRODE. COORDINATE WITH ELECTRICAL CONTRACTOR.
  - TNEW INTERIOR FOOTING EL: 9" BELOW THE TSLAB-ON-GRADE ELEVATION, TYP. UNO.
  - TNEW CONCRETE PIER EL: 9" BELOW TSLAB-ON-GRADE, TYP. UNO.
  - TNEW EXTERIOR FOUNDATION WALL EL: (+) 0'-0", TYP. UNO ON PLAN
  - TNEW FOUNDATION WALL @ DOOR OPENING EL: 9" BELOW TSLAB-ON-GRADE ELEVATION.
  - SEE PLAN & PIER SCHEDULE FOR PIER INFORMATION.
  - SUMP PIT: 2'-0"X2'-0"X2'-0" SUMP PIT, REINF. PER TYP. DETAILS.
  - PROVIDE CONTROL JOINTS IN THE SLAB-ON-GRADE AT COL. CENTERLINES AND 12' CTS MAX AT REMAINDER. SEE TYP. DETAILS FOR SLAB CONTROL JOINT DETAIL AND COLUMN ISOLATION JOINT DETAIL.

**EXISTING TYPICAL CONCRETE COLUMN SCHEDULE**

COLUMN NOTATION	SIZE
1. COL. A	16'X16'
2. COL. B	12'X16'
3. COL. C	12'X12'
4. COL. D	12'X24'

**EXISTING TYPICAL CONCRETE BEAM SCHEDULE**

BEAM NOTATION	SIZE
1. BM. A	16'X16"
2. BM. B	14'X30"
3. BM. C	16'X30"
4. BM. D	12'X26"
5. BM. E	12'X20"
6. BM. F	9'X18"
7. BM. G	14'X18"
8. BM. H	12'X24"
9. BM. I	12'X18"

NOT FOR CONSTRUCTION

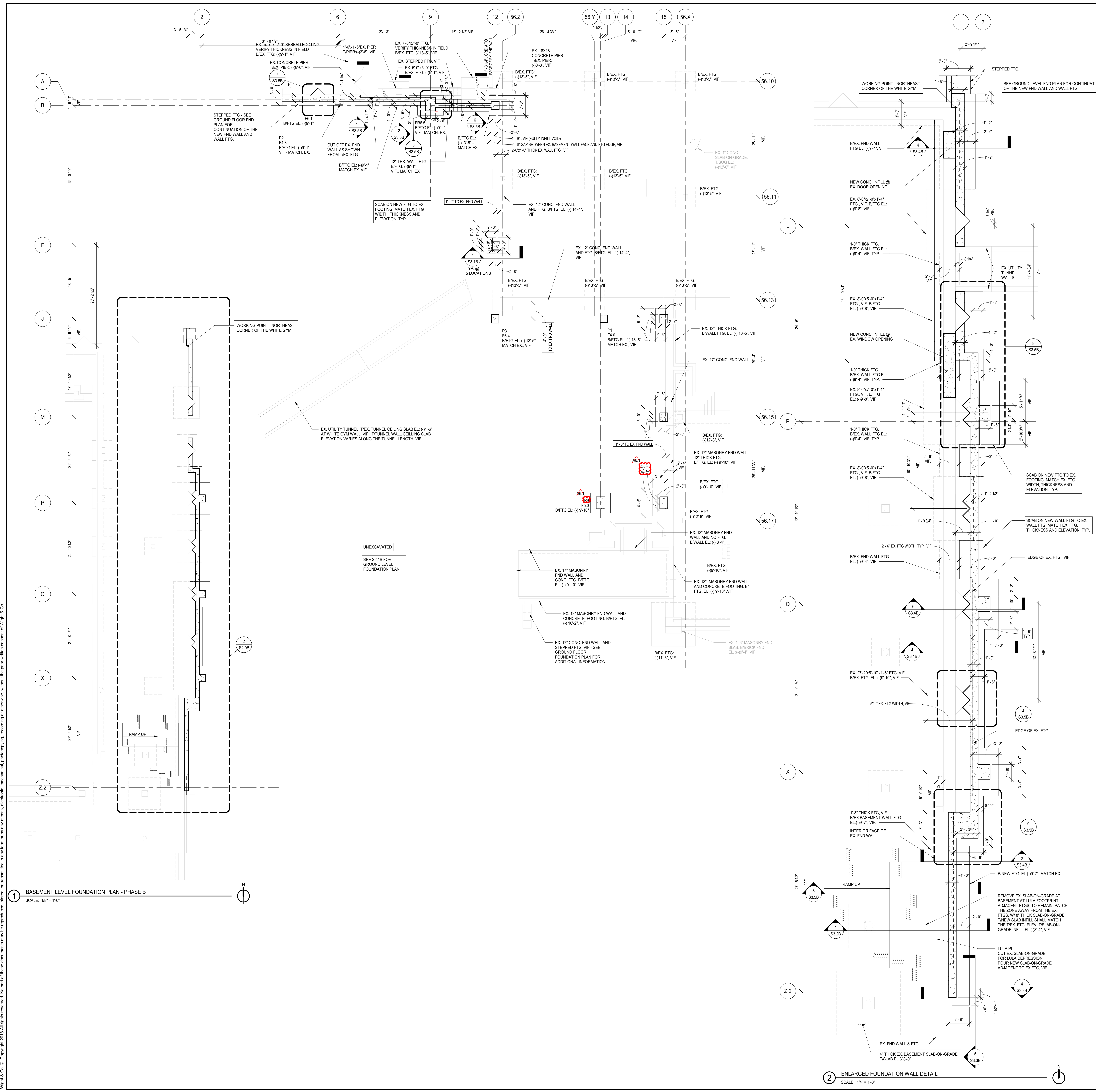
MFP IMPLEMENTATION - NORTH

4436 MAIN STREET  
DOWNERS GROVE, IL 60515

**BASEMENT LEVEL FOUNDATION PLAN-PHASE B**

Project Number:  
5274-42  
Drawn By:  
I.K.  
Sheet:

**S2.0B**



1 BASEMENT LEVEL FOUNDATION PLAN - PHASE B  
SCALE: 1/8" = 1'-0"

2 ENLARGED FOUNDATION WALL DETAIL  
SCALE: 1/4" = 1'-0"

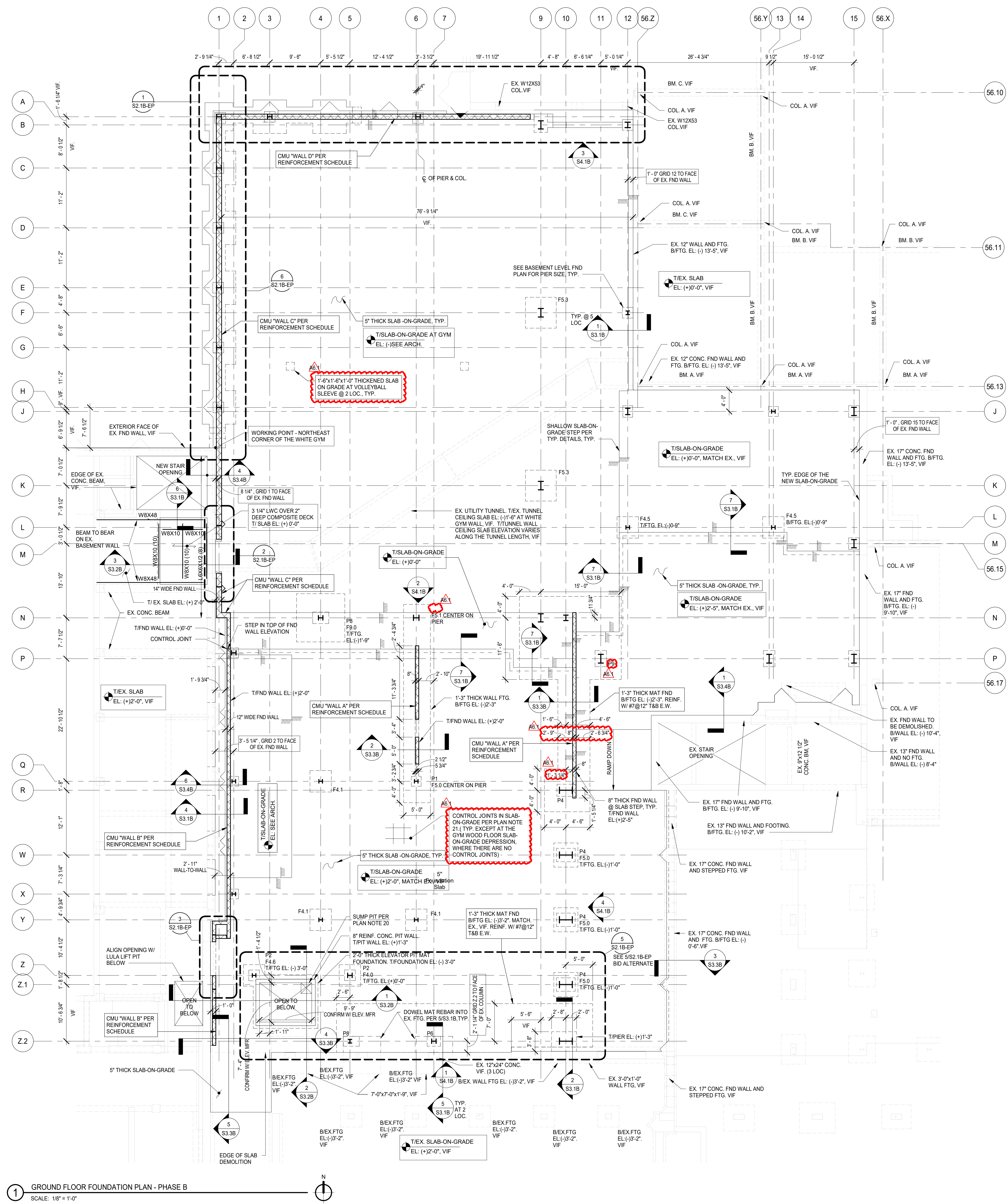
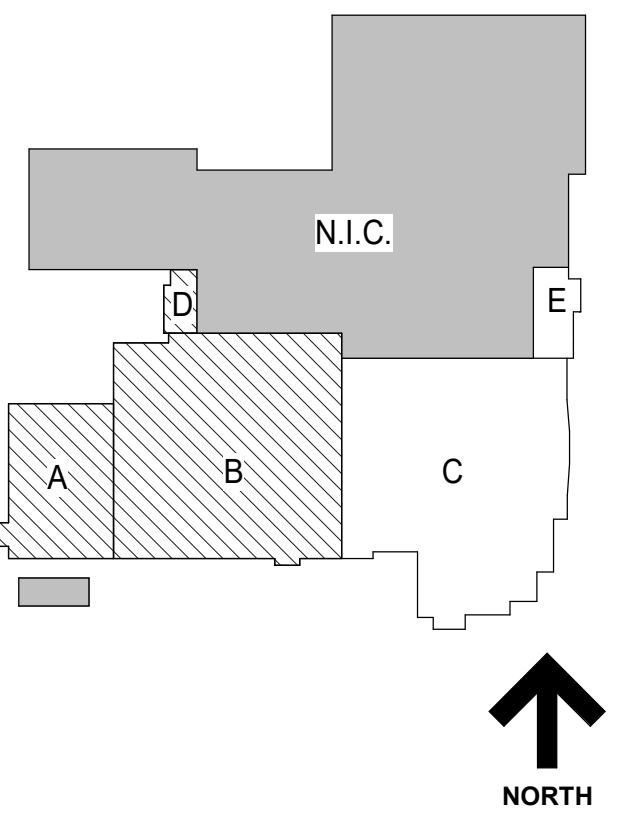
5/12/2019 4:43:25 PM  
C:\Users\akumar\Documents\115274-42\_DGN\_Sheet\_2019\_Central\_Aulavani.rvt  
Wight & Co. © Copyright 2019. All rights reserved. No part of these documents may be reproduced, stored, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight & Co.



COMMUNITY HIGH SCHOOL DISTRICT 99

Wight

Wight & Company  
wightco.com  
2500 North Frontage Road  
Darien, IL 60561  
P 630.969.7000  
F 630.969.7979



- FOUNDATION PLAN NOTES**
- SEE S0 SERIES DRAWINGS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND UNLTD SCHEDULES, AND STATEMENT OF SPECIAL INSPECTIONS
  - SEE S1 SERIES DRAWINGS FOR TYPICAL SECTIONS AND DETAILS.
  - SEE S3 SERIES DRAWINGS FOR NON-TYPICAL SECTIONS AND DETAILS.
  - SEE S4 SERIES DRAWINGS FOR SCHEDULES, ELEVATIONS AND DETAILS.
  - CENTERLINE OF SPREAD FOOTING IS ON GRIDLINE, TYPICAL UNLESS NOTED OTHERWISE.
  - SEE SHEET S1.1 FOR TYPICAL SPREAD FOOTING DETAIL AND SPREAD FOOTING SCHEDULE.
  - ESTABLISH BOTTOM OF FOOTINGS IN STRATUM AS INDICATED. ELEVATIONS GIVEN ARE FOR BIDDING ESTIMATING PURPOSES ONLY. ON-SITE INSPECTION OF FOOTING STRATA SHALL BE CONDUCTED DURING CONSTRUCTION BY A QUALIFIED GEOTECHNICAL ENGINEER.
  - CENTERLINE OF COLUMN IS ON GRIDLINE, TYPICAL UNLESS NOTED OTHERWISE.
  - SEE PLANS FOR COLUMN ORIENTATION AND COLUMN CENTERLINE TO GRIDLINE DIMENSIONS FOR OFFSET COLUMNS.
  - SEE PLANS FOR TOP OF ROUGH SLAB ELEVATION.
  - SLAB-ON-GRADE SHALL BE 5" THICK CONCRETE SLAB OVER PREPARED SUBGRADE. REINFORCE WITH ALBSCU-YD. OF STRUX 9040 MACROSYNTHETIC FIBERS OR EQUIVALENT.
  - PROVIDE THICKENED SLAB AND DOWELS TO CMU WALLS (IN GROUTED CELLS) AT SLAB-ON-GRADE IN ACCORDANCE WITH TYPICAL SECTIONS AND DETAILS. SEE ARCHITECTURAL DRAWINGS FOR CMU WALL SIZE, LOCATION, REINFORCEMENT, TOP-OF-WALL CONNECTION AND CURB, IF ANY.
  - SEE ARCHITECTURAL DRAWINGS FOR CURBS NOT INDICATED (SIZE AND LOCATION). SEE TYPICAL SECTIONS AND DETAILS FOR CURB REINFORCEMENT.
  - SEE TYPICAL DETAILS FOR ELECTRICAL GROUNDING DETAIL AND REQUIREMENTS FOR A CONCRETE ENCASED GROUNDING ELECTRODE. COORDINATE WITH ELECTRICAL CONTRACTOR.
  - TANEW INTERIOR FOOTING EL: 9' BELOW THE T/S-LAB-ON-GRADE ELEVATION, TYP. UNO.
  - TANEW CONCRETE PIER EL: 9' BELOW T/S-LAB-ON-GRADE, TYP. UNO.
  - TANEW EXTERIOR FOUNDATION WALL EL: (+) 0'-0" TYP. UNO ON PLAN.
  - TANEW FOUNDATION WALL @ DOOR OPENING EL: 9' BELOW T/S-LAB-ON-GRADE ELEVATION.
  - SEE PLAN & PIER SCHEDULE FOR PIER INFORMATION.
  - SUMP PIT: 2'-0"x2'-0"x2'-0" SUMP PIT, REINF. PER TYP. DETAILS.
  - PROVIDE CONTROL JOINTS IN THE SLAB-ON-GRADE AT COL. CENTERLINES AND 12' CTS MAX AT REMAINDER. SEE TYP. DETAILS FOR SLAB CONTROL JOINT DETAIL AND COLUMN ISOLATION JOINT DETAIL.

**EXISTING TYPICAL CONCRETE COLUMN SCHEDULE**

COLUMN NOTATION	SIZE
1. COL. A	16"x16"
2. COL. B	12"x16"
3. COL. C	12"x24"
4. COL. D	12"x24"

**EXISTING TYPICAL CONCRETE BEAM SCHEDULE**

BEAM NOTATION	SIZE
1. BM. A	18"x18"
2. BM. B	14"x30"
3. BM. C	16"x30"
4. BM. D	12"x28"
5. BM. E	12"x20"
6. BM. F	9"x18"
7. BM. G	14"x18"
8. BM. H	12"x24"
9. BM. I	12"x18"

**PIER SCHEDULE**

MARK	SIZE	VERTICAL REINFORCEMENT	TIES
P1	22"x22"	12#6	#3
P2	24"x24"	12#7	#3
P3	22"x30"	14#6	#3
P4	30"x30"	16#8	#3
P5	30"x32"	16#7	#3
P6	22"x30"	16#7	#3
P7	22"x36"	16#7	#3
P8	26"x36"	16#7	#3
P9	26"x36"	16#7	#3

**CMU SHEAR WALL REINFORCEMENT SCHEDULE**

WALL LABEL	WALL SIZE	VERTICAL REINFORCEMENT	MASONRY DOWELS
WALL A	8"	#4#8" IN SOLID GROUTED CELLS. PLUS #4 BAR IN LAST 5' CELLS AT EACH END OF WALL.	5'-0" LONG, SAME SIZE AND SPACING AS VERT. REINF. (2'-0" CONC. EMBED.)
WALL B	8"	#6#8" IN SOLID GROUTED CELLS. PLUS #6 BAR IN LAST 2' CELLS AT EACH END OF WALL.	6'-0" LONG, SAME SIZE AND SPACING AS VERT. REINF. (3'-0" CONC. EMBED.)
WALL C	12"	#7#8" IN SOLID GROUTED CELLS. PLUS #7 BAR IN LAST 2' CELLS AT EACH END OF WALL.	6'-0" LONG, SAME SIZE AND SPACING AS VERT. REINF. (3'-0" CONC. EMBED.)
WALL D	12"	#8#8" IN SOLID GROUTED CELLS. PLUS #8 BAR IN LAST 2' CELLS AT EACH END OF WALL.	6'-0" LONG, SAME SIZE AND SPACING AS VERT. REINF. (3'-0" CONC. EMBED.)

**ISSUED FOR BID - BID GROUP 6 - STRUCTURAL CONCRETE MATERIAL ALLOWANCE SUMMARY**

IN ADDITION TO THE CONCRETE SCOPE INDICATED ON THE BID GROUP 6 STRUCTURAL DRAWINGS DATED 5.10.2019, ALLOW FOR THE FOLLOWING ADDITIONAL CONCRETE AND CONCRETE REINFORCEMENT MATERIAL QUANTITIES. ALLOWANCES SHALL INCLUDE MATERIAL COSTS AS WELL AS ASSOCIATED COSTS OF LABOR, ERECTION, ENGINEERING, FABRICATION, TRANSPORTATION, TAXES AND FEES.

**FOUNDATION PLANS - (SHEET S2.1B)**

- ALLOW FOR (10) RECESSED ELECTRICAL FLOOR BOXES IN THE SLAB-ON-GRADE. SEE ELECTRICAL DRAWINGS FOR FLOOR BOX SCHEDULE AND LOCATIONS. PROVIDE 1'-0"x2'-6"x2'-6" THICKENED SLAB-ON-GRADE AT EACH FLOOR BOX LOCATION. REINFORCE SLAB PER TYPICAL THICKENED SLAB-ON-GRADE DETAIL.
- ALLOW FOR 3 ADDITIONAL CUBIC YARDS OF ELEVATED SLAB CONCRETE, REINFORCED WITH STRUX 9040 SYNTHETIC MACRO FIBERS.
- ALLOW FOR 1/2 TON OF ADDITIONAL GRADE 60 BENT DEFORMED REBAR TO BE UTILIZED AT ENGINEERS DISCRETION.

**NOT FOR CONSTRUCTION**

1 GROUND FLOOR FOUNDATION PLAN - PHASE B  
SCALE: 1/8" = 1'-0"

REV	ISSUE	DATE
A6.1	ISSUED FOR ADDENDUM A6.1 - BID GROUP 6	05.31.2019
	ISSUED FOR BID-BID GROUP 6	05.10.2019
	ISSUED FOR 75% CD - PHASE B	05.10.2019
	ISSUED FOR 50% CD - PHASE B	04.12.2019
	ISSUED FOR DESIGN DEVELOPMENT - PHASE B	03.11.2019

**MFP IMPLEMENTATION - NORTH**

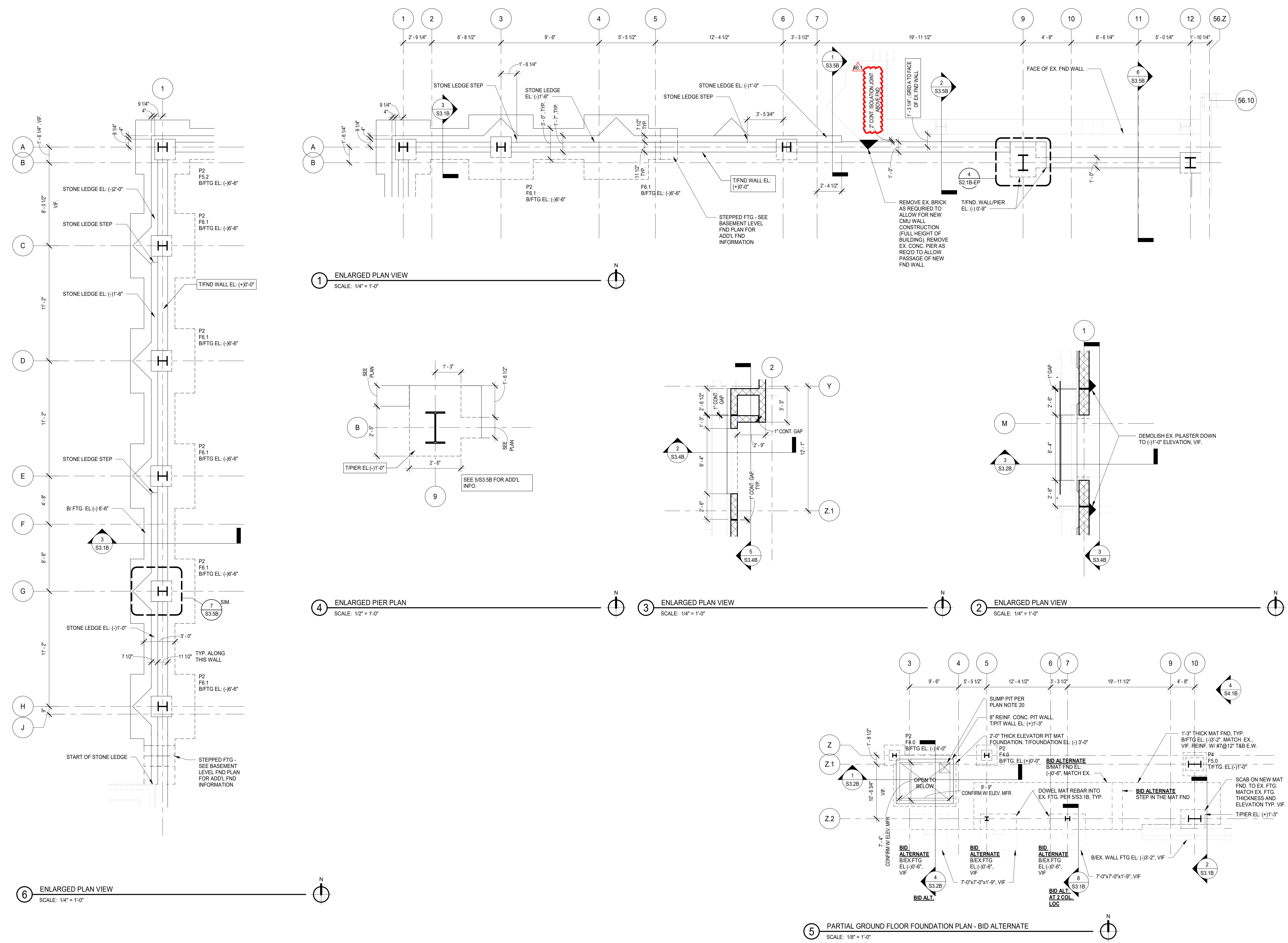
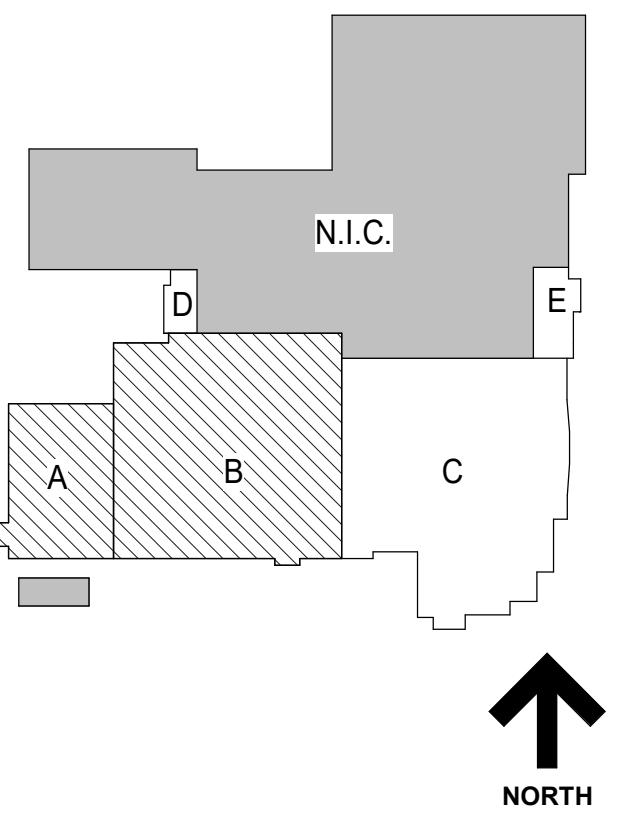
4436 MAIN STREET  
DOWNERS GROVE, IL 60515

**FIRST FLOOR FRAMING - FOUNDATION PLAN - PHASE B**

Project Number:  
5274-42  
Drawn By:  
I.K.  
Sheet:

**S2.1B**

S:\2019\19-05-PM... Wight & Co. © Copyright 2019 All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight & Co.



**NOT FOR CONSTRUCTION**

A6.1 ISSUED FOR ADDENDUM A6.1 - BID GROUP 6 05.31.2019  
ISSUED FOR BID-BID GROUP 6 05.10.2019  
ISSUED FOR 75% CD - PHASE B 05.10.2019  
REV ISSUE DATE

**MFP IMPLEMENTATION - NORTH**

4436 MAIN STREET  
DOWNERS GROVE, IL 60515

**ENLARGED PLANS - PHASE B**

Project Number:  
5274-42  
Drawn By:  
I.K.  
Sheet:

**S2.1B-EP**

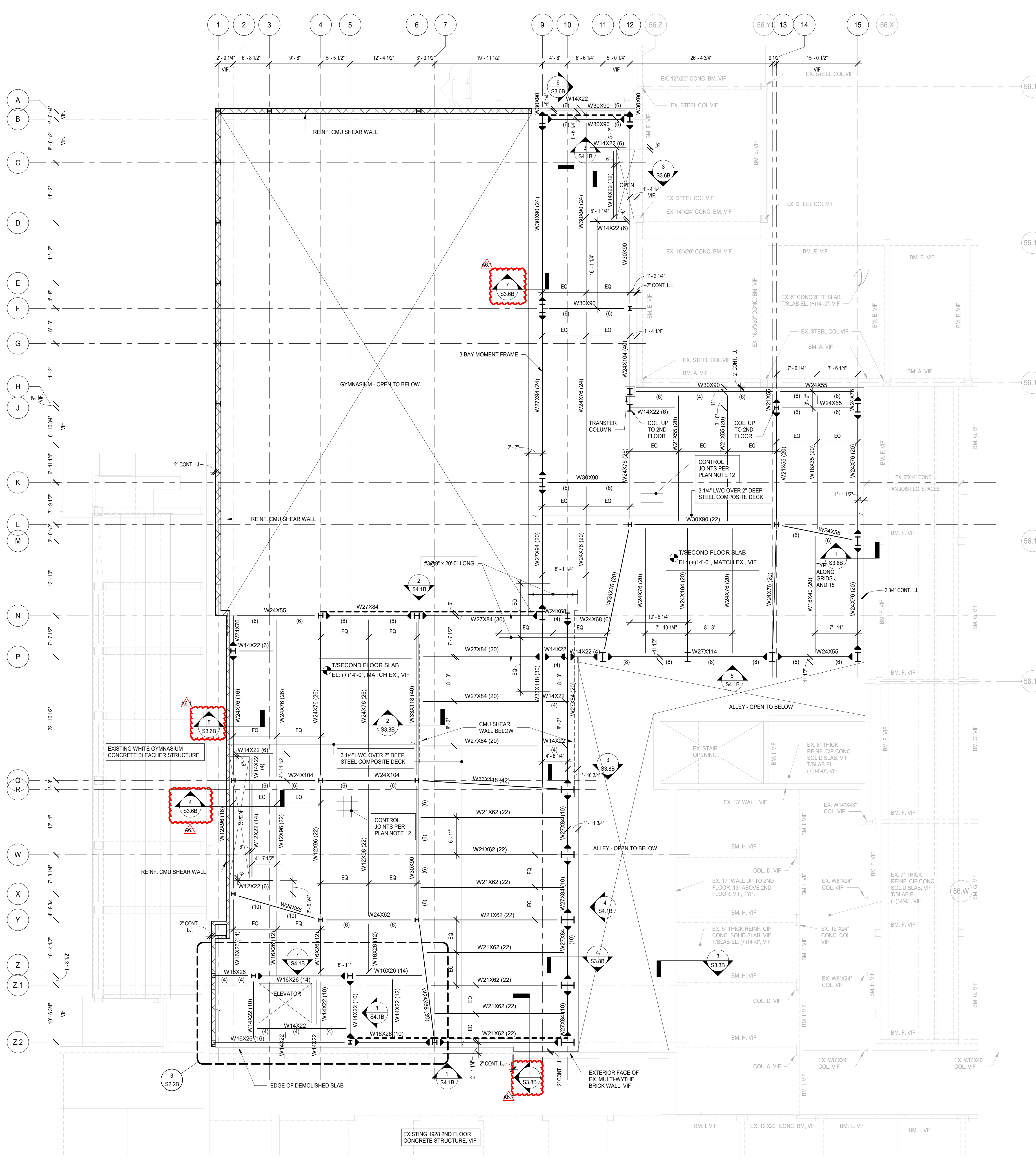
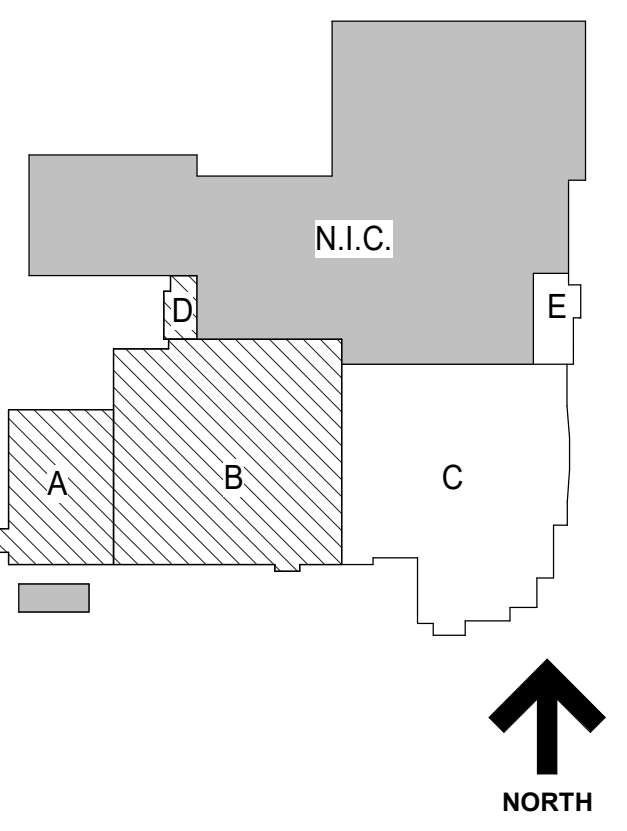




COMMUNITY HIGH SCHOOL DISTRICT 99



Wight & Company  
wightco.com  
2500 North Frontage Road  
Darien, IL 60561  
P 630.969.7000  
F 630.969.7979



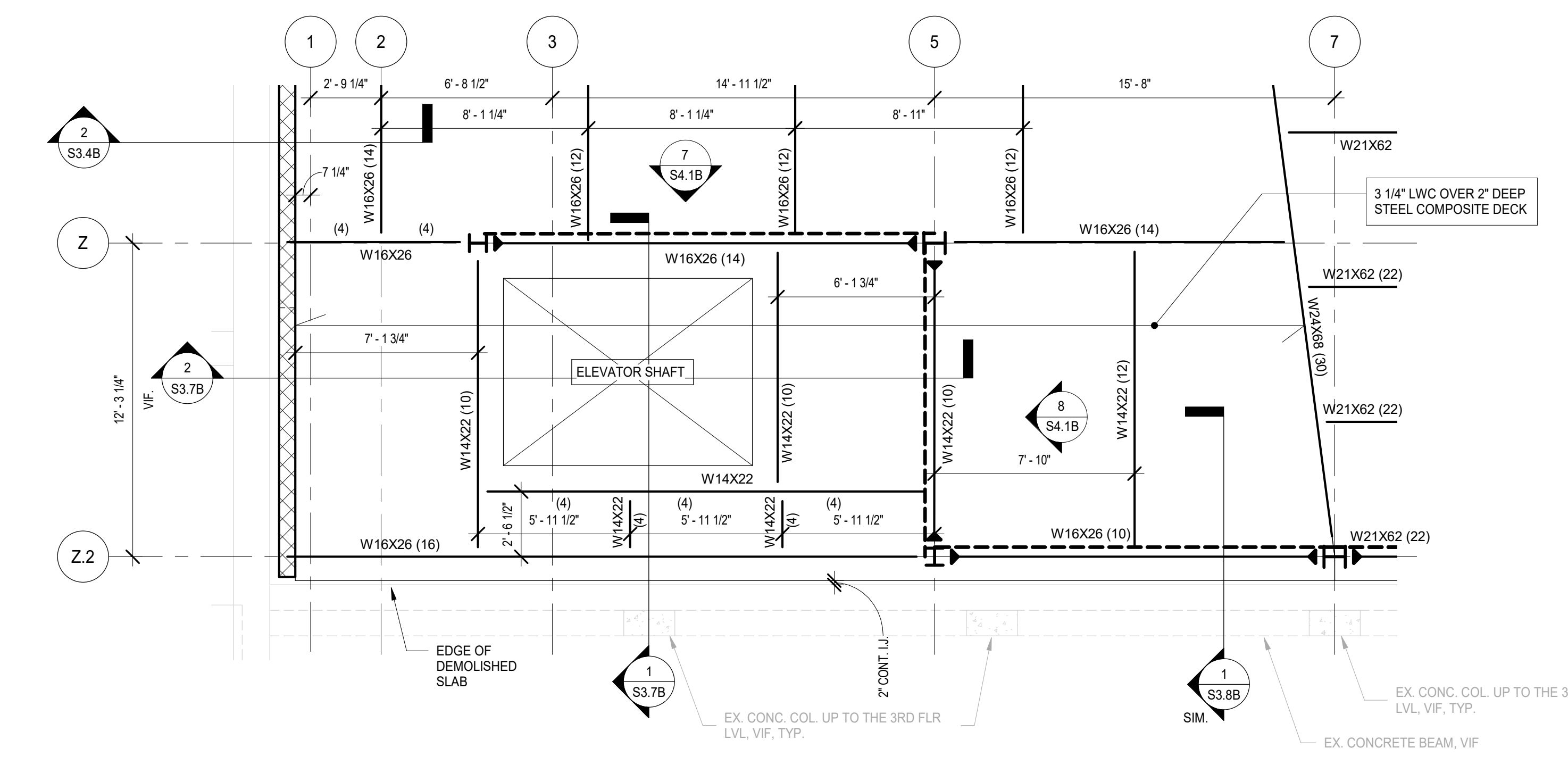
1 SECOND FLOOR FRAMING PLAN - PHASE B  
SCALE: 1/8" = 1'-0"

ELEVATED FLOOR AND ROOF LEVEL PLAN NOTES

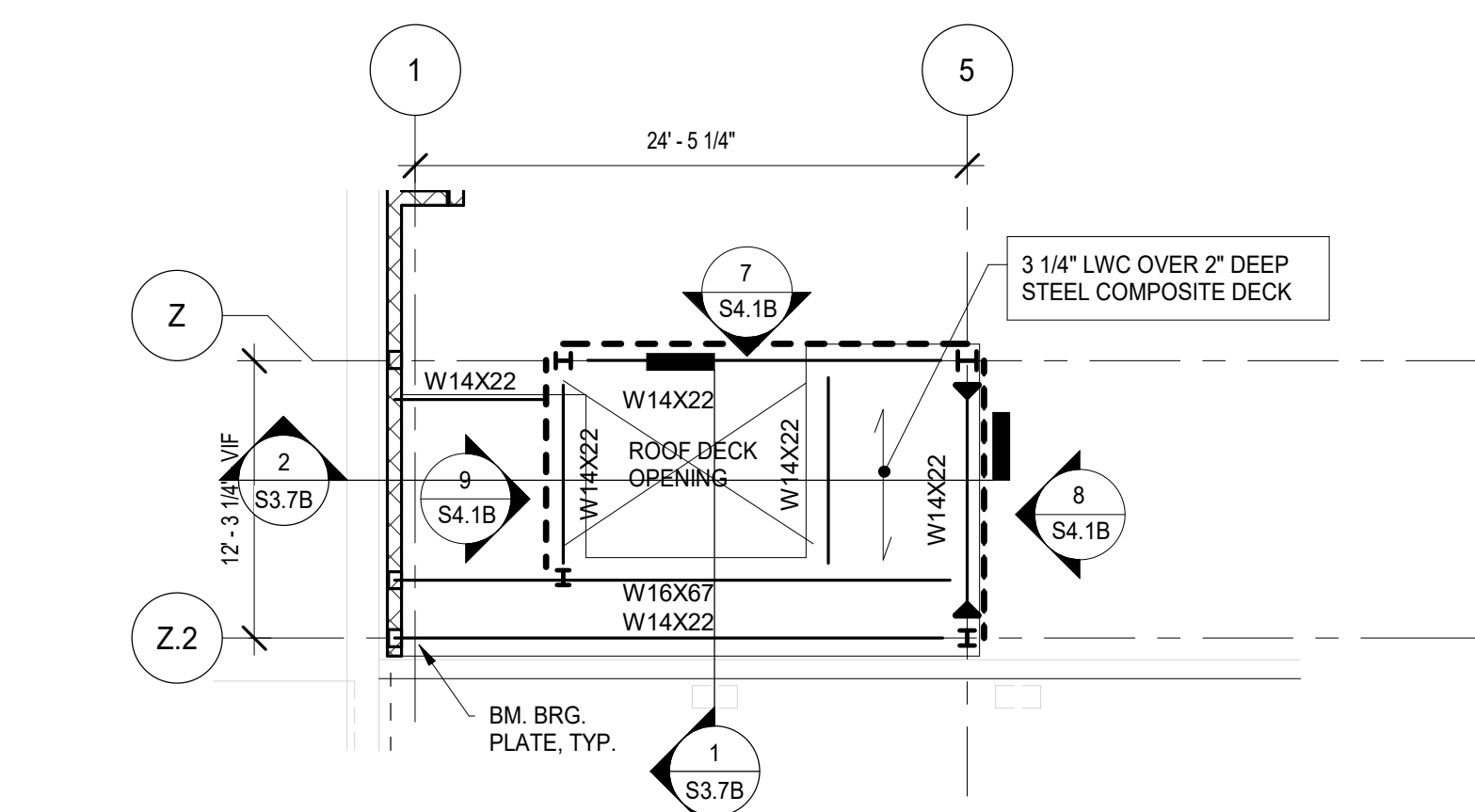
- 1. SEE S0 SERIES DRAWINGS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LINTEL SCHEDULES, AND STATEMENT OF SPECIAL INSPECTIONS.
2. SEE S1 SERIES DRAWINGS FOR TYPICAL SECTIONS AND DETAILS.
3. SEE S3 SERIES DRAWINGS FOR NON-TYPICAL SECTIONS AND DETAILS.
4. SEE S4 SERIES DRAWINGS FOR SCHEDULES, ELEVATIONS AND DETAILS.
5. CENTERLINE OF COLUMN IS ON GRIDLINE. TYPICAL UNLESS NOTED OTHERWISE.
6. SEE PLANS FOR COLUMN ORIENTATION AND COLUMN CENTERLINE TO GRIDLINE DIMENSIONS FOR OFFSET COLUMNS.
7. SEE PLANS FOR TOP OF ROUGH SLAB ELEVATION.
8. (H) AS INDICATED ON PLAN INDICATES HIGHER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
9. (L) AS INDICATED ON PLAN INDICATES LOWER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
10. SEE ARCHITECTURAL DRAWINGS FOR CURBS NOT INDICATED (SIZE AND LOCATION). SEE TYPICAL SECTIONS AND DETAILS FOR CURB REINFORCEMENT.
11. FLOOR DECK SHALL BE 3 1/4" THICK LIGHTWEIGHT CONCRETE OVER 2" DEEP COMPOSITE STEEL FLOOR DECK. REINFORCE SLAB WITH 4 LBS/CU. YD. OF STRUX 5040 MACROSYNTHETIC FIBERS OR EQUIVALENT.
12. SAW CUT 1/4" WIDE X 12" DEEP CONTROL JOINTS AT AREAS OF EXPOSED 'SEALED CONCRETE' SLABS. LOCATE JOINTS AT COLUMN CENTERLINES AND 12 FEET CTS MAX AT REMAINDER.
13. SEE PLAN FOR TOP OF SLAB ELEVATION. TYPICAL UNLESS NOTED OTHERWISE.
14. VERIFY ELEVATOR MACHINE BEAM SIZES AND LOCATIONS WITH ELEVATOR SUPPLIER.
15. SEE PLAN FOR BOTTOM OF STEEL ROOF DECK ELEVATIONS, TYPICAL UNLESS NOTED OTHERWISE.
16. PROVIDE 1/8" S&S STEEL ANGLE OR BENT PLATE AT ROOF PERIMETER AND AT INTERIOR OPENINGS IN ACCORDANCE WITH TYPICAL DETAILS.
17. SEE \_\_\_\_\_ FOR SPECIAL DESIGN JOIST SCHEMATIC LOADINGS.
18. SUSPEND PIPE HANGERS AND OTHER MECHANICAL EQUIPMENT FROM DESIGNATED OR APPROVED STEEL JOISTS. LOCATE CONCENTRATED LOADS AT JOIST PANEL POINTS ONLY OR REINFORCE STEEL JOISTS IN ACCORDANCE WITH TYPICAL SECTIONS AND DETAILS.
19. PLACE SUPPORTS FOR ROOF TOP EQUIPMENT LOADS ON DESIGNATED OR APPROVED STEEL JOISTS. LOCATE CONCENTRATED LOADS AT JOIST PANEL POINTS ONLY OR REINFORCE STEEL JOISTS IN ACCORDANCE WITH TYPICAL SECTIONS AND DETAILS.
20. SUPPORT ALL MEPP EQUIPMENT AND PIPING GREATER THAN 2 INCHES IN DIAMETER DIRECTLY FROM THE DESIGNATED STEEL ROOF JOISTS (TOP CHORDS ONLY) AND STEEL WIDE FLANGED BEAM AND GIRDER FRAMING. DO NOT SUPPORT THE AFORESAID FROM THE STEEL ROOF DECK DIRECTLY. ITEMS SUCH AS LIGHTWEIGHT CEILING AND LIGHTING MAY BE SUPPORTED DIRECTLY FROM THE STEEL ROOF DECK.
21. AT THE NEW ADDITION, ALL ROOFS WITH THE STEEL ROOF DECKS ARE DESIGNED TO SUPPORT A MAXIMUM ALLOWED SUPERIMPOSED DEAD LOAD FROM THE PHOTOVOLTAIC BALLASTED SYSTEM OF 8 PSF PLUS THE ADDITIONAL DOWNWARD WIND PRESSURE FROM THE PHOTOVOLTAIC BALLASTED SYSTEM OF 13 PSF. SYSTEMS OTHER THAN THE PHOTOVOLTAIC BALLASTED SYSTEM ARE NOT PERMITTED.
22. 2ND FLOOR COMPOSITE DECK SLAB SHALL RECEIVE TROWEL FINISH PER SPECIFICATION SECTION 33000, SECTION 3.3-C. COORDINATE TROWELING AND FLOATING PROCEDURE WITH THE MACRO-SYNTHETIC FIBER SUPPLIER/MANUFACTURER.
23. ROOF DECK SHALL BE 3" DEEP STEEL ROOF DECK WITH SUPPORT FASTENERS OF 5/8" PUDDLE WELDS IN 24" PATTERN AND SIDE LAP FASTENERS OF 3/16" TEK SCREWS PER SPAN. DO NOT EXCEED 24" OR ONE-HALF OF DECK SPAN FOR SIDELAP FASTENER SPACING.
24. ROOF DECK SHALL BE 3" DEEP STEEL ROOF DECK WITH SUPPORT FASTENERS OF 5/8" PUDDLE WELDS IN 24" PATTERN AND SIDE LAP FASTENERS OF 3/16" TEK SCREWS PER SPAN. DO NOT EXCEED 24" OR ONE-HALF OF DECK SPAN FOR SIDELAP FASTENER SPACING.
25. ROOF DECK SHALL BE 3" DEEP STEEL ROOF DECK WITH SUPPORT FASTENERS OF 5/8" PUDDLE WELDS IN 24" PATTERN AND SIDE LAP FASTENERS OF 3/16" TEK SCREWS PER SPAN. DO NOT EXCEED 24" OR ONE-HALF OF DECK SPAN FOR SIDELAP FASTENER SPACING.
26. ROOF DECK SHALL BE 3" DEEP STEEL ROOF DECK WITH SUPPORT FASTENERS OF 5/8" PUDDLE WELDS IN 24" PATTERN AND SIDE LAP FASTENERS OF 3/16" TEK SCREWS PER SPAN. DO NOT EXCEED 24" OR ONE-HALF OF DECK SPAN FOR SIDELAP FASTENER SPACING.

EXISTING TYPICAL CONCRETE COLUMN SCHEDULE table with columns: COLUMN NOTATION, SIZE. Rows: COL\_A (16"x16"), COL\_B (12"x16"), COL\_C (12"x12"), COL\_D (12"x24").

EXISTING TYPICAL CONCRETE BEAM SCHEDULE table with columns: BEAM NOTATION, SIZE. Rows: BM\_A (18"x18"), BM\_B (14"x30"), BM\_C (16"x30"), BM\_D (12"x28"), BM\_E (9"x18"), BM\_F (12"x20"), BM\_G (14"x30"), BM\_H (12"x24"), BM\_I (12"x18").



3 ENLARGED 2ND FLOOR PLAN  
SCALE: 1/4" = 1'-0"



2 GYMNASIUM AND WRESTLING BALCONY ROOF FRAMING PLANS - PHASE B  
SCALE: 1/8" = 1'-0"

NOT FOR CONSTRUCTION

Revision table with columns: REV, DATE. Rows: A6.1 ISSUED FOR ADDENDUM A6.1 - BID GROUP 6 (05.31.2019), ISSUED FOR BID-BID GROUP 6 (05.10.2019), ISSUED FOR 75% CD - PHASE B (05.10.2019), ISSUED FOR 50% CD - PHASE B (04.12.2019), ISSUED FOR DESIGN DEVELOPMENT - PHASE B (03.11.2019).

MFP IMPLEMENTATION - NORTH

4436 MAIN STREET  
DOWNERS GROVE, IL 60515

SECOND AND THIRD FLOOR FRAMING - PHASE B

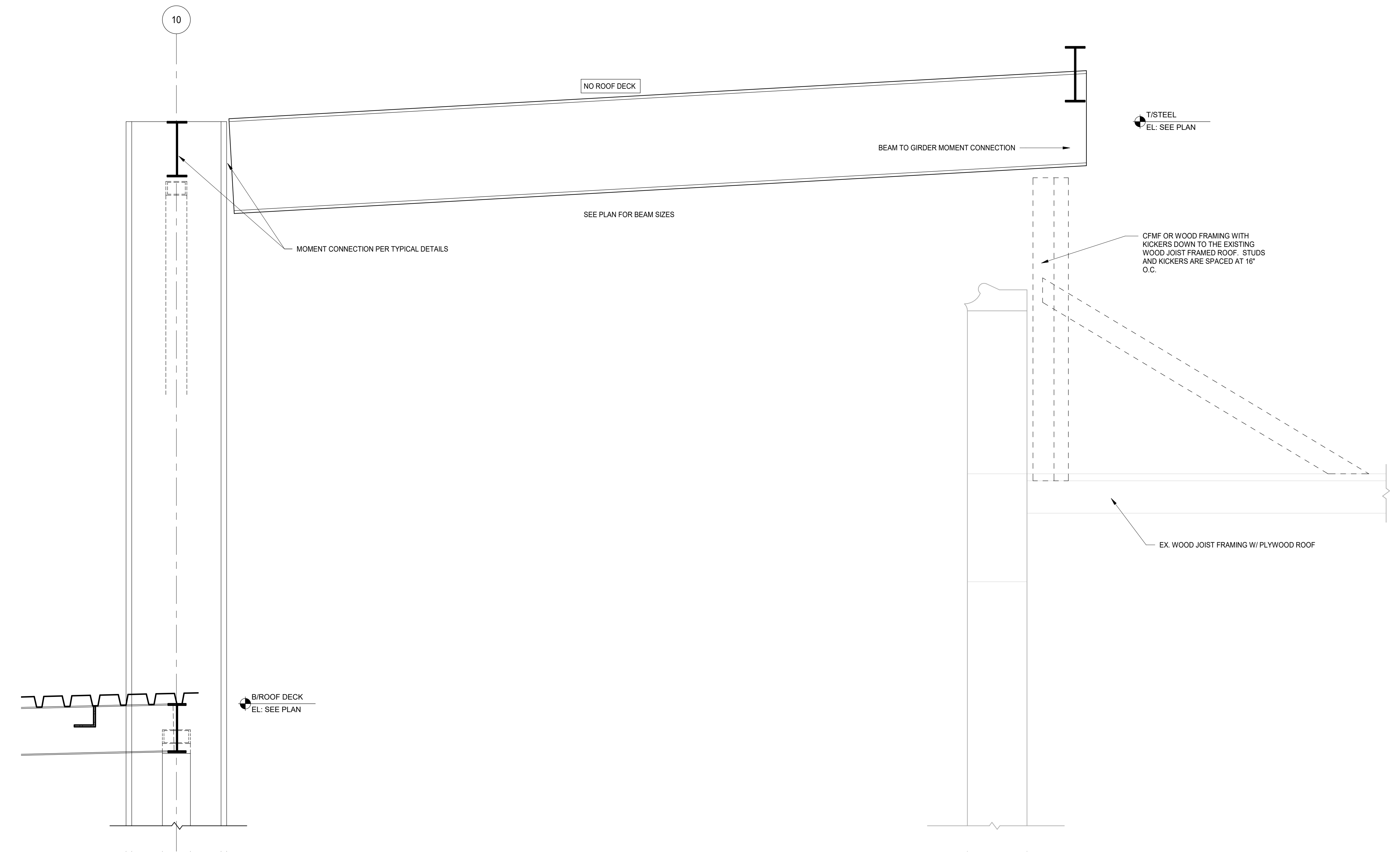
Project Number: 5274-42  
Drawn By: J.G.  
Sheet: S2.2B

5/21/2019 4:43:28 PM  
C:\Users\jgibson\Documents\11-5274-42\_DCN\_Shec\_2019\_Central\_Aulburn.rvt  
Wight & Co. © Copyright 2019 All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight & Co.

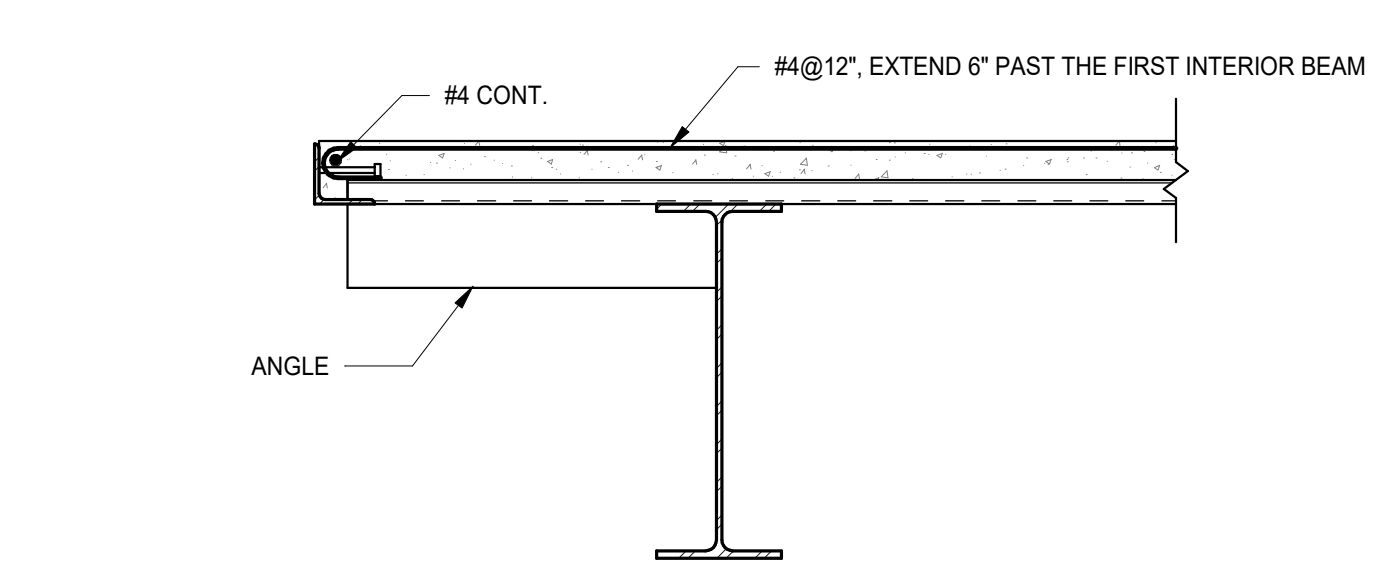




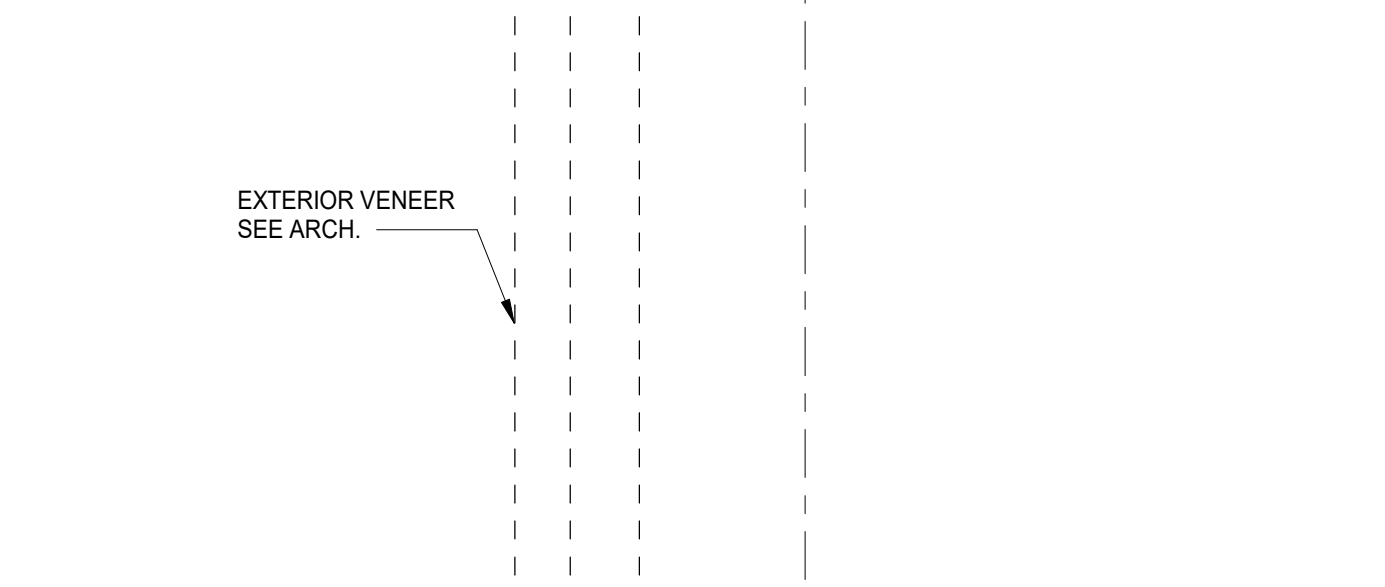
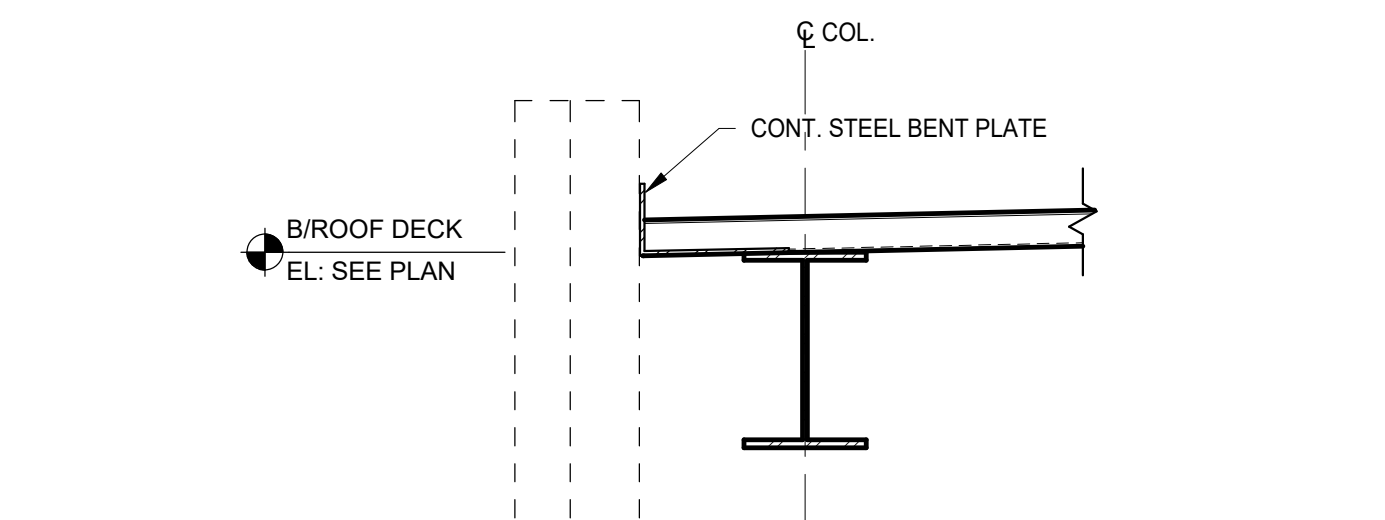
NOT FOR  
CONSTRUCTION



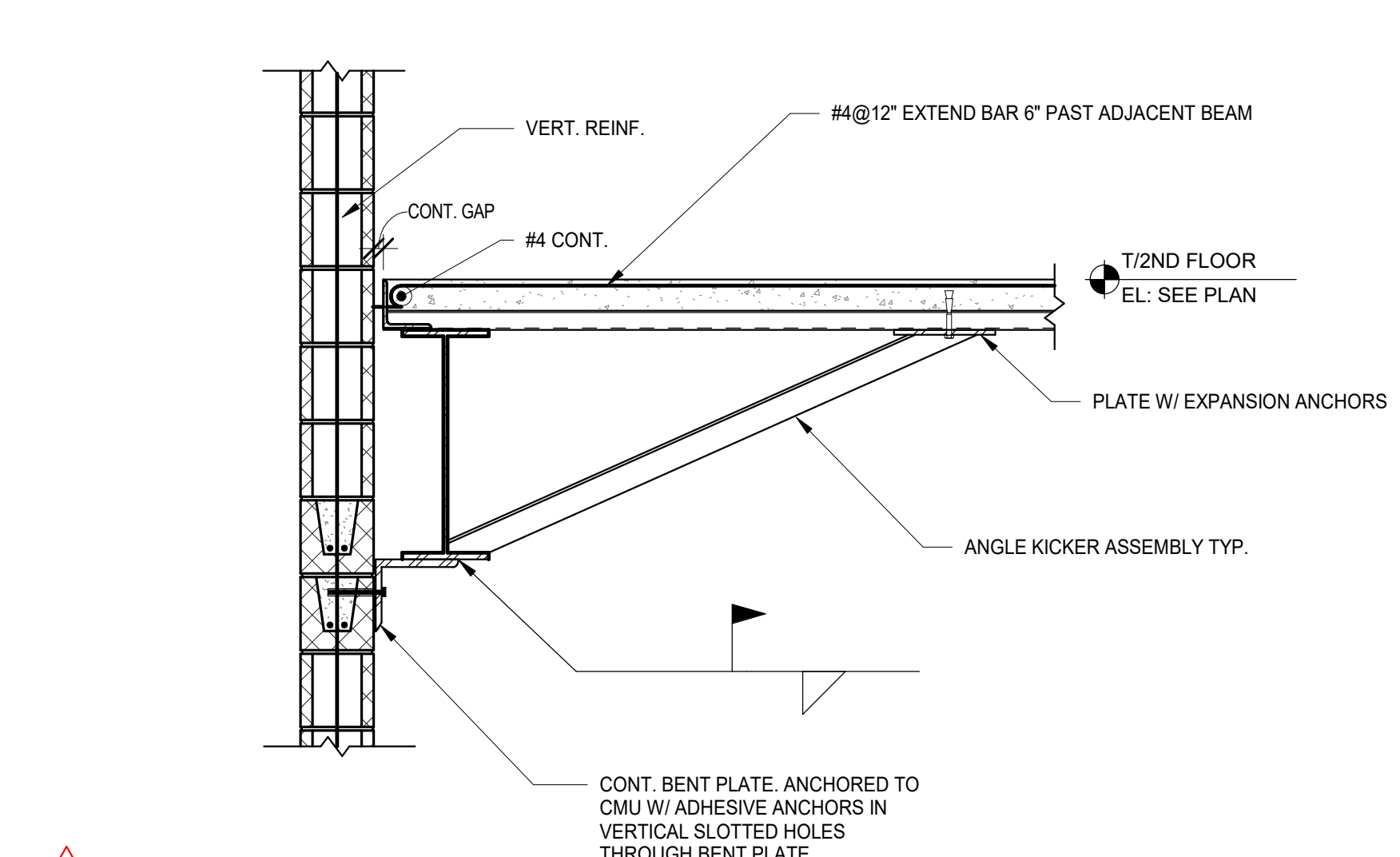
2 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



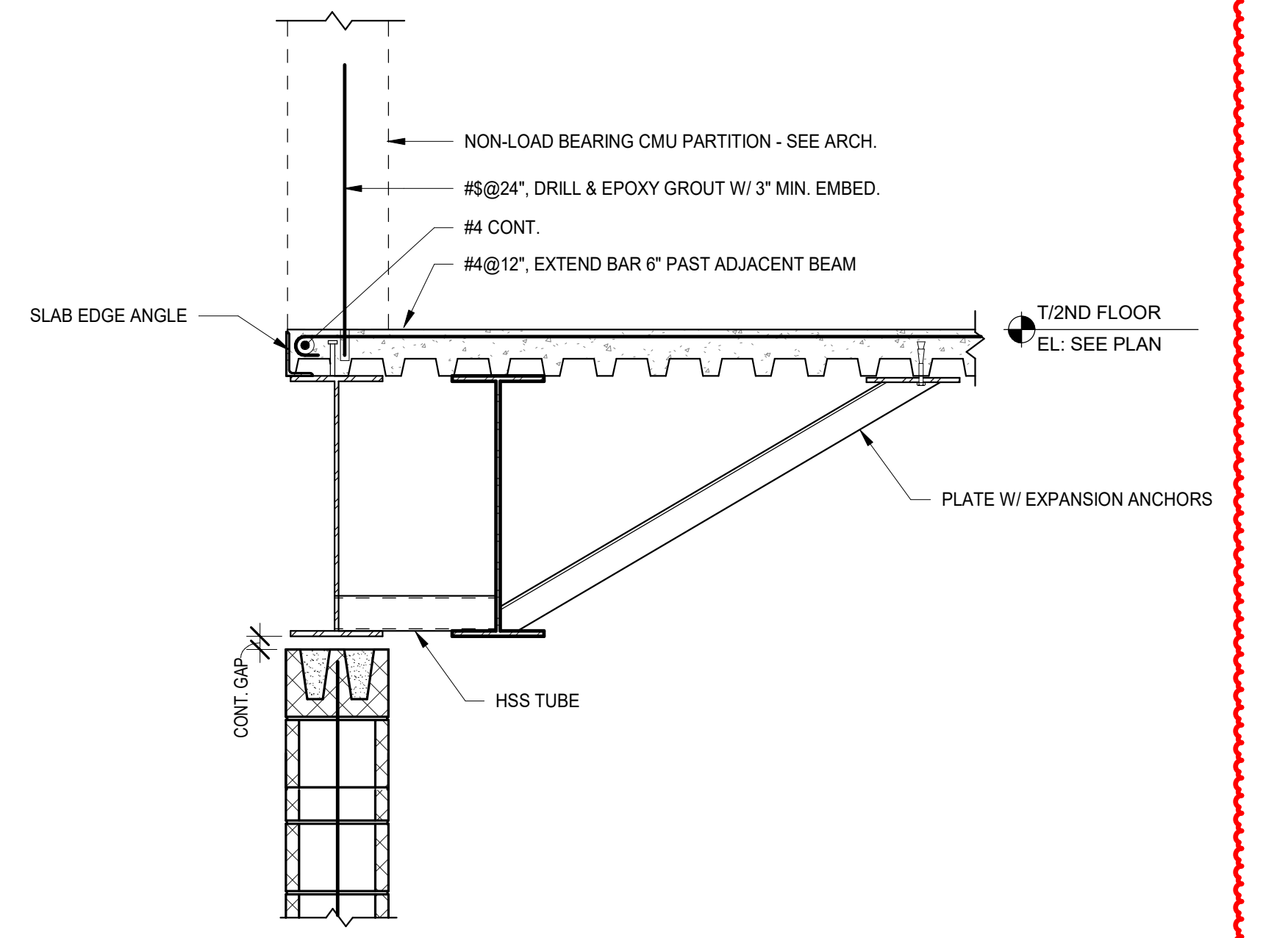
7 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



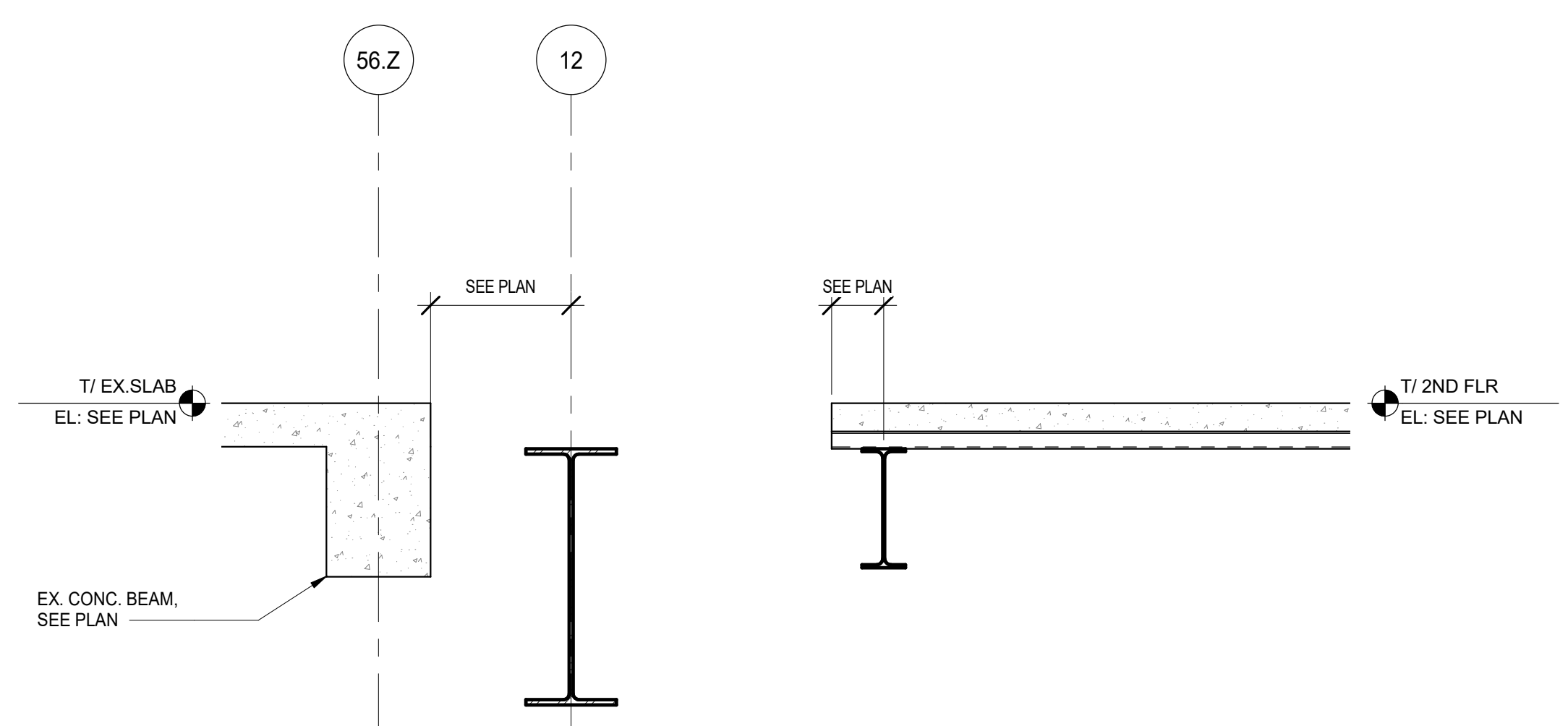
8 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



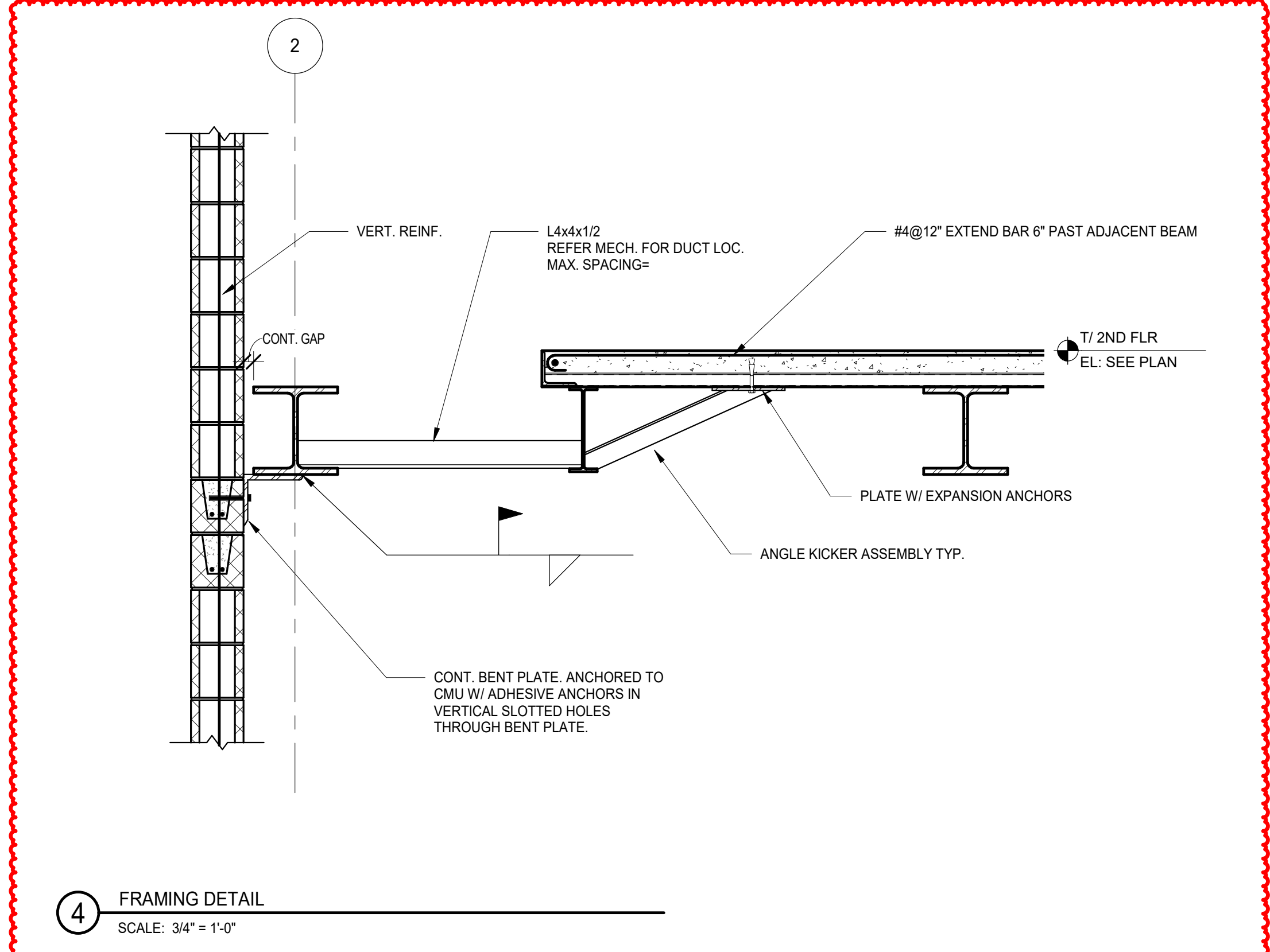
5 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



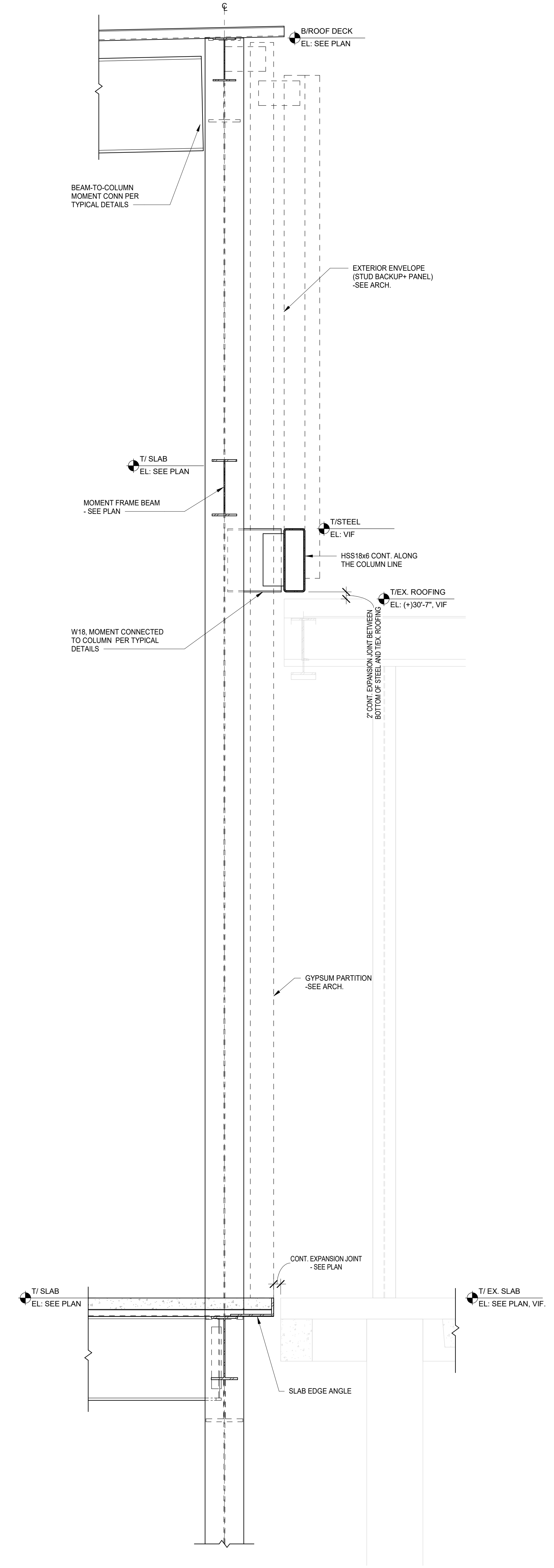
6 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



3 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



4 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"



1 FRAMING DETAIL  
SCALE: 3/4" = 1'-0"

5/12/2019 1:43:27 PM  
C:\Users\akum\Documents\11-5274-42\_DCN\_Shec\_2019\_Central\_Aulavm.rvt  
Wight & Co. © Copyright 2019 All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight & Co.

A6.1 ISSUED FOR ADDENDUM A6.1 - BID 05.31.2019  
GROUP 6  
ISSUED FOR BID-BID GROUP 6 05.10.2019  
ISSUED FOR 75% CD - PHASE B 05.10.2019  
REV ISSUE DATE

**MFP  
IMPLEMENTATION -  
NORTH**

4436 MAIN STREET  
DOWNERS GROVE, IL 60515

**NON-TYPICAL SECTIONS  
AND DETAILS**

Project Number:  
5274-42  
Drawn By:  
I.K.  
Sheet:

**S3.6B**

## CHSD99 DGN BG6 Bid Schedule Durations and Anticipated Dates

<b>Activity</b>	<b>Start Date</b>	<b>End Date</b>
Demo of Existing Building (previously bid)	7/15/19	7/30/19
Site Demolition	7/30/19	7/31/19
Excavation for Footings/ Foundations	8/2/19	8/23/19
Prep & Pour Concrete Foundations	8/9/19	9/6/19
Partial Backfill Concrete Foundations	9/9/19	9/13/19
Install Elevator A	4/1/20	4/22/20
BMP and Site Utilities and Site Concrete	5/1/20	6/22/20
Install Elevator B (Culinary)	7/15/20	8/5/20
Underground Plumbing	9/9/19	9/23/19
Erection of Structural Steel	9/30/19	10/4/19
Masonry	10/7/19	11/8/19
SOG	11/4/19	11/7/19
Elevated Slabs	11/8/19	11/22/19