



NORTH CENTRAL HIGH SCHOOL, PHASE 2

Addendum 2

GENERAL

1. The bid date for **Bid Package 02 – Selective Demolition and Bid Package 04 – Structural Steel** has been changed from February 10, 2016 at 1:00 pm to **February 11, 2016 at 1:00 pm**. Bid location is unchanged.
2. The bid date for **Bid Package 03 – Site Work and Bid Package 06 – Irrigation and Landscaping** has been changed from February 10, 2016 at 3:00 pm to **February 11, 2016 at 3:00 pm**. Bid location is unchanged.

BID PACKAGE 03 – SITE WORK

1. Clarification on Scope of Work, Item 7:
 - a. Reference Note 7 on Sheet C1.41 is to be completed by others.
 - b. Trench box(es) are to be included to prevent damage and provide safety at the track surface and is included in this scope of work.
 - c. Tap and meter fees for this work will be provided by others.
2. Revise Scope of Work, Item 3 as follows pertaining to Sheet A1.01:
 - a. Coded Demolition Note 25. Removal of concrete foundation is included in this package.
 - b. Coded Demolition Note 4. The removal of the roofing membrane will be completed by others.
3. Add the following item to Scope of Work:
 54. Haul debris from micro-pile activities daily for an approximate time period of three weeks.
4. Delete Scope of Work, Item 29 from this package.
4. Add the following item to Scope of Work:
 55. Provide vault, piping and all associated materials to complete grease interceptor to the specified location 5' outside of the building at the elevation indicated per the plans.
5. Add the following item to Scope of Work:
 56. At the north side of the building the total area between gridlines EE to 6 and C to K, structural excavations affected in this area will be backfilled as follows: Pea gravel will be used from subgrade levels (bottom of footing excavation) to within 2ft of finish subgrade. Filter fabric will then be placed on top of the pea gravel at the slab on grade areas noted above with the final

base course as 5/8" minus crushed rock (24") compacted per the specifications. All materials noted are to be provided by this contractor. CDF will be provided by others as needed for site utility stability. Within the total area in section EE to 6 and K to N, use standard means of backfill and compaction to achieve final subgrade and provide base course as specified.

BID PACKAGE 04 – STRUCTURAL STEEL

1. For clarification, add the following exclusion to this bid package: 5. Stairs and Railings.

BID PACKAGE 06 – IRRIGATION AND LANDSCAPING

1. Replace bid form in Bid Package with revised bid form dated FEBRUARY 8, 2016 – REV 1.
2. Clarification on Scope of Work, Item 11: This allowance is for work that can not be anticipated at this time as pertains to irrigation and landscape repair. Irrigation and landscaping repair work complete required at the Washington Street fire/irrigation line is not included in this allowance. Please see irrigation as-builts, dated 08-01-12 for existing conditions (attached).

DIVISION 0 – SECTION 00 01 10
GRAHAM
BIDDING & CONTRACT REQUIREMENTS
BID PROPOSAL FORM

Page 1 of 4

FORM OF PROPOSAL

**NORTH CENTRAL HIGH SCHOOL
CAFETERIA/COMMONS ADDITION
BID PACKAGE 06 – PLANTINGS AND IRRIGATION**

Bids must be submitted by the specified times to consider this proposal valid. Bids will be opened and read aloud immediately after the times stated for each bid package in the advertisement for bids. Refer to Instructions to Bidders for Bid submittal procedures.

The undersigned hereby submits the following Bid to:

Graham
331 North Fancher Road
Spokane, WA 99212

A. CONTRACT

The undersigned, if notified of the acceptance of this Bid within thirty (30) days of the time set for the opening of Bids, agrees to execute a Contract for the Work, for a compensation of the sum(s) stated below and to give bonds as required by the Contract Documents and Washington statutes.

B. BID GUARANTEE – REQUIRED IF BID IS \$300,000 OR OVER

The undersigned further agrees that the certified check or Bid bond, payable to the Owner and accompanying this Bid, is the measure of liquidated damages which the Owner will sustain by failure of the undersigned to execute and deliver the above-named agreement and bonds within ten (10) days of written notification of the award of the Contract. Should the undersigned fail to enter into the Contract, the certified check, cashier's check, or Bid bond shall be forfeited as liquidated damages. If this Bid is not accepted by the Owner within thirty (30) days after the time set for the opening of Bids, or if the undersigned executes and delivers said bonds, the check or Bid bond shall be returned.

C. ADDENDA

Receipt of Addenda numbered _____ is hereby acknowledged.
(Fill in number of each addenda received).

DIVISION 0 – SECTION 00 01 10
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 BID PROPOSAL FORM

Page 2 of 4

D. BID1. BASE BID

Having carefully examined the Project Manual (Volumes 1, 2 and 3) and Drawings (Volumes 1 and 2) entitled: NORTH CENTRAL HIGH SCHOOL CAFETERIA/COMMONS ADDITION Construction Documents, dated January 18, 2016 and specifications in Project Manuals dated January 17, 2016.

as well as the premises and conditions affecting the Work, the undersigned proposes to furnish all labor and materials and to perform all Work required by and in strict accordance with the above-named documents for a fixed amount in the sum of the following, NOT INCLUDING SALES TAX:

Base Bid for all the work, as defined on the Drawings and Specifications, in the sum of:

_____ Dollars(\$ _____)
 (Please print dollar amount in words in space above) (Dollar amount in numerals)

2. UNIT PRICES – NOT USED3. ALTERNATES

All requested Alternates should be bid. The GC/CM reserves the right, but is not obligated, to reject any Bid on which all requested Alternates are not bid. If no change in the Base Bid is required for an Alternate, enter "No Change." If there is no entry, it will be presumed that is the Bidder has made no offer to accomplish the Alternate.

SCHEDULE OF ALTERNATES**ALTERNATE NO. 1: Add Corridor Work at Level 1, Area A.**

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 2: Add Classroom Work at Level 1, Area A.

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 3: Add Film/TV and Black Box at Level 1, Area A.

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 4: Exterior Sun Shades (Vertical Fins).

ADD: _____
 _____ Dollars(\$ _____)

DIVISION 0 – SECTION 00 01 10
 GRAHAM
 BIDDING & CONTRACT REQUIREMENTS
 BID PROPOSAL FORM

Page 3 of 4

ALTERNATE NO. 5: Motorized Window Shades.

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 6A: Commons Flooring.

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 6B: Commons Flooring.

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 7: Roof Equipment Screen Wall.

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 8: Door Closures at Designated Doors.

ADD: _____
 _____ Dollars(\$ _____)

ALTERNATE NO. 9: Sloped Green Roof.

ADD: _____
 _____ Dollars(\$ _____)

4. The bid amount contains any work which requires trenching exceeding a depth of four feet, all costs for trench safety shall be included in the Base Bid and indicated below for adequate trench safety systems in compliance with Chapter 39.04 RCW, 49.17 RCW and WAC 296-155-650. Bidder must include a lump sum dollar amount in blank below (even if value is \$0.00) to be responsive.

Trench Excavation Safety Provisions:\$

E. REINSTATEMENT OF ALTERNATE BIDS

The Undersigned agrees that the Owner has the right to reinstate, at the bid price, any Alternate Bid not incorporated in the Contract, provided the Owner so notifies the Undersigned within 45 calendar days after the contract is signed.

F. SALES TAX AND PERMITS

The retail sales tax shall not be included in the Bid sums; the Owner will pay such taxes proportionally with each periodic payment. All City of Spokane plan check and building permit fees have been paid by the owner and shall not be included in the Bid. (See SPECIAL CONDITIONS of the CONTRACT section following the GENERAL CONDITIONS of the CONTRACT for CONSTRUCTION for detailed requirements. All other necessary fees and taxes shall be paid by the Contractor and included in the Bid.

G. OVERHEAD AND PROFIT

All of the above Bid prices (and alternate bid or unit cost prices) include overhead and profit.

DIVISION 0 – SECTION 00 01 10

GRAHAM

BIDDING & CONTRACT REQUIREMENTS

Page 4 of 4

H. BID PROPOSAL FORM TIME OF COMPLETION/LIQUIDATED DAMAGES

The Undersigned agrees if awarded the Contract, to complete the entire project as stipulated in the Contract Documents. The Undersigned further agrees that the Owner may retain from the compensation otherwise due, liquidated damages costs incurred by the owner, for each calendar day

expiring beyond a time fixed for completion that the work remains not substantially completed. This is not to be construed in any sense as penalty, but as agreed liquidated damages which the Owner shall sustain in the case of failure of the Undersigned to complete the work at the time stipulated. For dates of completion see SECTION entitled "INSTRUCTIONS TO BIDDERS". Liquidated Damages are \$1,500.00 per calendar day.

I. STATEMENT REGARDING EQUAL EMPLOYMENT OPPORTUNITY

We hereby certify that we have made a conscientious effort to comply with federal, state and local equal employment opportunity requirements in bidding this project and we will make the same efforts in fulfilling the requirements if awarded the Contract. We further designate:

Name _____

Title _____

Telephone Number _____

as the person who has been charged with the responsibility for securing compliance with and reporting progress on affirmative efforts.

K. BIDDER

Bidder's Firm Name

Bidder's Authorized Signature

Bidder's Printed Name

Address

City, State, Zip Code

Telephone

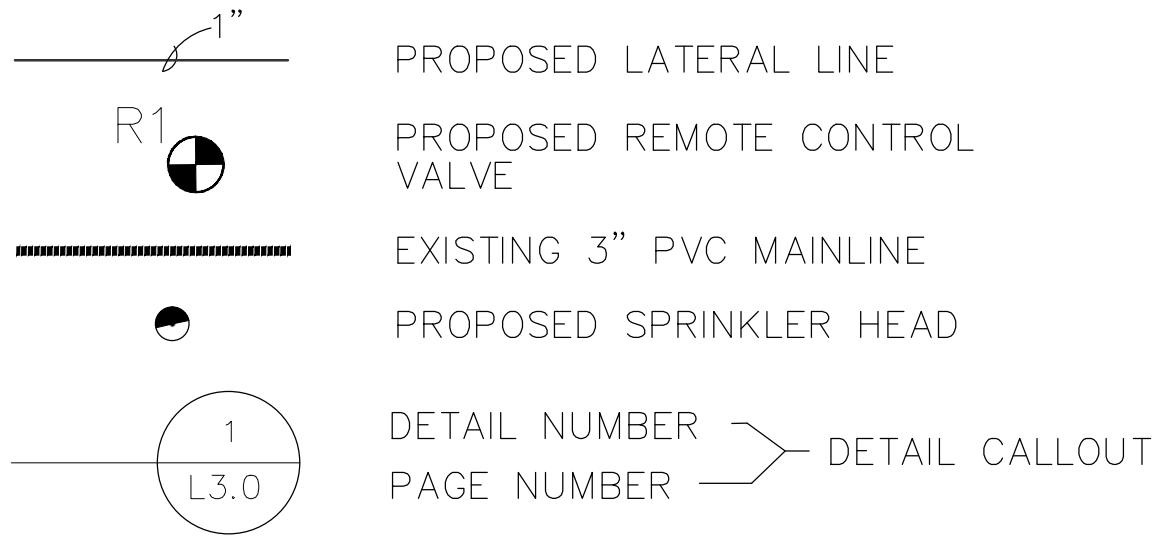
Contractor's Tax ID Number

Contractor's Registration Number

Date

END OF SECTION 00 01 10

Legend



Zone Schedule

ZONE #	GPM	PSI	VALVE
R1	44.0	50	700-1.5
R2	75.6	50	700-2
R3	100.6	50	700-2
R4	84.0	50	700-2
R5	96.0	50	700-2
R6	85.6	50	700-2
R7	18.4	50	700-1
S1	50.2	30	700-1.5-OMR-100

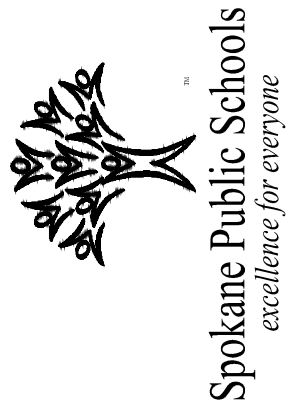
NOTE: R = ROTOR OR MP ROTATOR ZONE, S = SPRAY ZONE. INSTALL 'IRRITROL' OMR-100 PRESSURE REGULATORS ON ALL SPRAY ZONES.

Materials Schedule

SYMBOL	DESCRIPTION
	'HUNTER' I-25-ADS or 36S GEAR ROTOR SPRINKLER WITH STAINLESS STEEL SLEEVE, CHECK VALVE. NOZZLE AS INDICATED.
	'HUNTER' I-20-ADS or 36S GEAR ROTOR SPRINKLER WITH STAINLESS STEEL SLEEVE, CHECK VALVE. NOZZLE AS INDICATED ('LA'= LOW ANGLE, 'SR'= SHORT RADIUS).
	'RAIN BIRD' 1804-SAM-PRS SERIES POP-UP SPRAY SPRINKLERS WITH SPRAY NOZZLES AS INDICATED.
	'IRRITROL' 700 SERIES ELECTRIC REMOTE CONTROL VALVE, SEE ZONE SCHEDULE FOR VALVE SIZE & TYPE.
	3" SCHEDULE 40 PVC MAINLINE, MIN. BURY 18".
	'RAIN BIRD' ESP-12MC CONTROLLER WITH 12 STA. IN LOCKING STEEL CABINET. MOUNT IN 'STRONG BOX' SB-16SS, INSTALLED ON 4' x 4' CONCRETE PAD W/ 2" SWEEP.
	SCH. 40 PVC SLEEVING, SIZE AS INDICATED ON PLANS, MIN. 24" COVER
	'NIBCO' TI-8 GATE VALVE, SIZE TO MATCH LINE.
	SCHEDULE 40 PVC LATERAL LINE, SIZE AS INDICATED ON PLANS, MIN. 12" COVER
	CONCRETE THRUST BLOCK.
	'RAIN BIRD' #44LRC QUICK COUPLING VALVE WITH #44K KEY (PROVIDE 2 KEYS)
	'WATTS' 1" WGV-X BRASS CROSS-HANDLE MANUAL DRAIN VALVE. DRAIN TO NEAREST DRAINAGE STRUCTURE, MIN. SLOPE 1%.

Irrigation Notes

1. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO INITIATION OF ANY DEMOLITION OR CONSTRUCTION OPERATIONS. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR ADJACENT PROPERTY SHALL BE CONTRACTOR'S RESPONSIBILITY.
2. COORDINATE ALL IRRIGATION INSTALLATION OPERATIONS WITH CIVIL, MECHANICAL, AND ELECTRICAL ENGINEERING SHEETS.
3. CONTRACTOR TO COORDINATE INSTALLATION OF IRRIGATION CONDUIT (MIN. 1") AND SLEEVES UNDER HARD SURFACE AREAS (WALKS, ROADS, PARKING AREAS, ETC.) WITH RESPECTIVE CONTRACTORS. SEE PLANS.
4. CONTRACTOR TO OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED FOR THIS WORK.
5. CONTRACTOR SHALL FURNISH ALL LABOR, TOOLS, EQUIPMENT AND HARDWARE NECESSARY FOR PRODUCTION, EXECUTION AND COMPLETION OF ALL IRRIGATION WORK.
6. CONTRACTOR SHALL LOCATE EXISTING MAINLINE, SUPPLY AND INSTALL TAP.
7. WHERE LINES ARE SHOWN BELOW PAVEMENT ADJACENT TO LANDSCAPE AREAS, THEY ARE TO BE LOCATED IN THE LANDSCAPE AREA UNLESS SHOWN WITH A SLEEVE SYMBOL.
8. SYSTEM DESIGN BASED ON THE ASSUMPTION OF THE AVAILABILITY OF 110 GPM AT 75 PSI AT THE SOURCE, 50 PSI AT THE WORSE CASE ROTOR HEAD.
9. LAYOUT SYSTEM AS DESIGNED. ALL CHANGES TO LAYOUT TO BE APPROVED IN WRITING BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
10. ALL ELECTRICAL WORK TO MEET OR EXCEED N.E.C., STATE CODES, LOCAL CODES, AND MANUFACTURER'S RECOMMENDATIONS.
11. 14/1 WIRE NOT TO EXCEED 1500' RUNS BEFORE SIZING UP TO 12/1 WIRE.
12. INSTALL MANUAL DRAIN VALVES SO THAT THEY DRAIN TO 3'x 3'x 3' DRAIN SUMP. INSTALL AT ALL LOW POINTS IN MAINLINE AS WELL AS LOCATIONS INDICATED ON PLANS.
13. ALL VALVES SHALL BE INSTALLED IN 'CARSON' VALVE BOXES. MAX. 1 VALVE PER BOX. SEE SPECIFICATIONS FOR TYPES AND MODEL NUMBERS.
14. LOCATE CONTROLLER AS SHOWN ON PLANS. ELECTRICIAN SHALL SUPPLY SERVICE.
15. COORDINATE PLACEMENT OF HEADS IN RELATION TO FINISH GRADE WITH SEEDING AND FINE GRADE CONTRACTOR.
16. ALL WIRE SPLICES TO BE DONE WITH '3M' DBY SNAP CONNECTOR AND SEALER INSIDE THE VALVE BOX OR JUNCTION BOX. NO WIRE CONNECTIONS SHALL BE BURIED IN THE DIRT.
17. ALL SPRINKLER VALVE WIRING SHALL BE INSPECTED PRIOR TO BEING BURIED. PROVIDE 48-HOUR NOTICE FOR INSPECTION.
18. ALL WIRES SHALL BE THE SAME COLOR FROM THE VALVE TO THE CONTROLLER.
19. ALL NEW IRRIGATION HEADS SHALL HAVE DRAIN CHECK VALVE TO PREVENT LOW HEAD DRAINAGE.
20. NO CONTROL WIRES TO BE PLACED IN THRUST BLOCKS. LOCATE WIRES ON OPPOSITE SIDE OF THRUST BLOCK.
21. LOCATE VALVE BOXES ADJACENT TO NEAREST HARD SURFACE OUT OF BOTTOM OF SWALES. SEE GRADING PLANS FOR LOCATION OF SWALES.
22. FOR REMOTE CONTROL VALVE INFORMATION (SIZE, TYPE, ZONE SIZE) REFER TO ZONE SCHEDULE ON THIS SHEET.
23. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ROCK AND DEBRIS BROUGHT TO THE SURFACE AS A RESULT OF TRENCHING OPERATIONS.
24. PRIOR TO COMPLETE BACKFILLING, MAINLINE TO BE FILLED WITH WATER AND PRESSURE TESTED TO 100 PSI. MAINLINE SHALL NOT LOSE MORE THAN 5 PSI IN 60 MINUTES. NO LEAKS ARE ACCEPTABLE.
25. CONTRACTOR SHALL PERFORM WATER COVERAGE TEST PRIOR TO SEEDING TURF.
26. CONTRACTOR SHALL WINTERIZE SYSTEM WITH COMPRESSED AIR AND RE-ENERGIZE AND ADJUST SYSTEM THOROUGHLY THE SPRING FOLLOWING INSTALLATION.
27. CONTRACTOR SHALL CORRECT, WITHOUT DELAY, AT CONTRACTOR'S EXPENSE, ANY TROUBLE WHICH DEVELOPS WITH ANY PART OF THE SYSTEM DUE TO FAULTY WORKMANSHIP OR MATERIALS FOR A PERIOD OF (1) ONE YEAR AFTER COMPLETION OF WORK AND FINAL INSPECTION AND ACCEPTANCE OF SYSTEM.
28. CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
29. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO NEW OR EXISTING CONCRETE FLATWORK, ASPHALT, OR TURF AREAS AS A RESULT OF CONSTRUCTION ACTIVITIES.
30. IN THE EVENT OF A DISCREPANCY, IMMEDIATELY NOTIFY LANDSCAPE ARCHITECT.



FACILITY SERVICES, A U N I T O F S P O K A N E, W A S H I N G T O N 99207

IRRIGATION AS-BUILTS - 2012

NORTH CENTRAL HIGH SCHOOL

1600 NORTH HOWARD STREET, SPOKANE, WASHINGTON

PROJECT NO.	
DATE	2/16/11
PLOT SCALE	1" = 1'
DRAWN	SAM
CHECKED	WSF
REVIEWED	WSF
REVISION	

SCALE 1"=40'-0"

DRAWING NO.

IR-2

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

CIVIL

Drawings:

SHEET C1.10, EROSION CONTROL PLAN:

ADD: New catch basin near Grid Line N at northwest corner of new building and label with Reference Note #3.

SHEET C1.20, GRADING PLAN:

CHANGE: Finished grade elevations at west vestibule entry near Grid Line M from 1910.50 to 1910.10.

ADD: New catch basin near Grid Line N at northwest corner of new building.

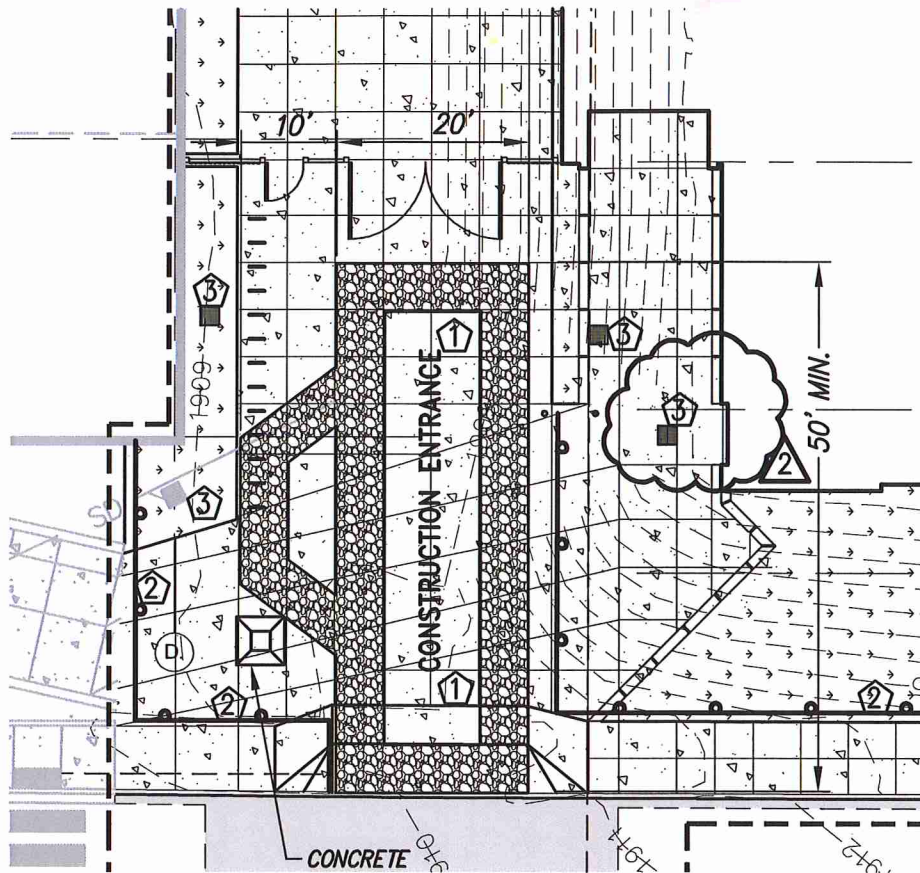
ADD: Engineer's Note #12.

SHEET C1.30, STORM WATER PLAN:

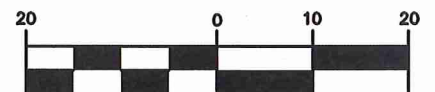
ADD: New catch basin near Grid Line N at northwest corner of new building and label with Reference Note #7.

ADD: +/-20' of new 6" PVC storm drain pipe from new catch basin near Grid Line N at northwest corner of new building to nearest proposed catch basin.

END OF CIVIL ADDENDUM NO. 2



GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

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SPOKANE PUBLIC SCHOOL DISTRICT NO. 81
**NORTH CENTRAL HIGH SCHOOL
COMMONS / CAFETERIA ADDITION**

1600 NORTH HOWARD STREET, SPOKANE, WA 99205

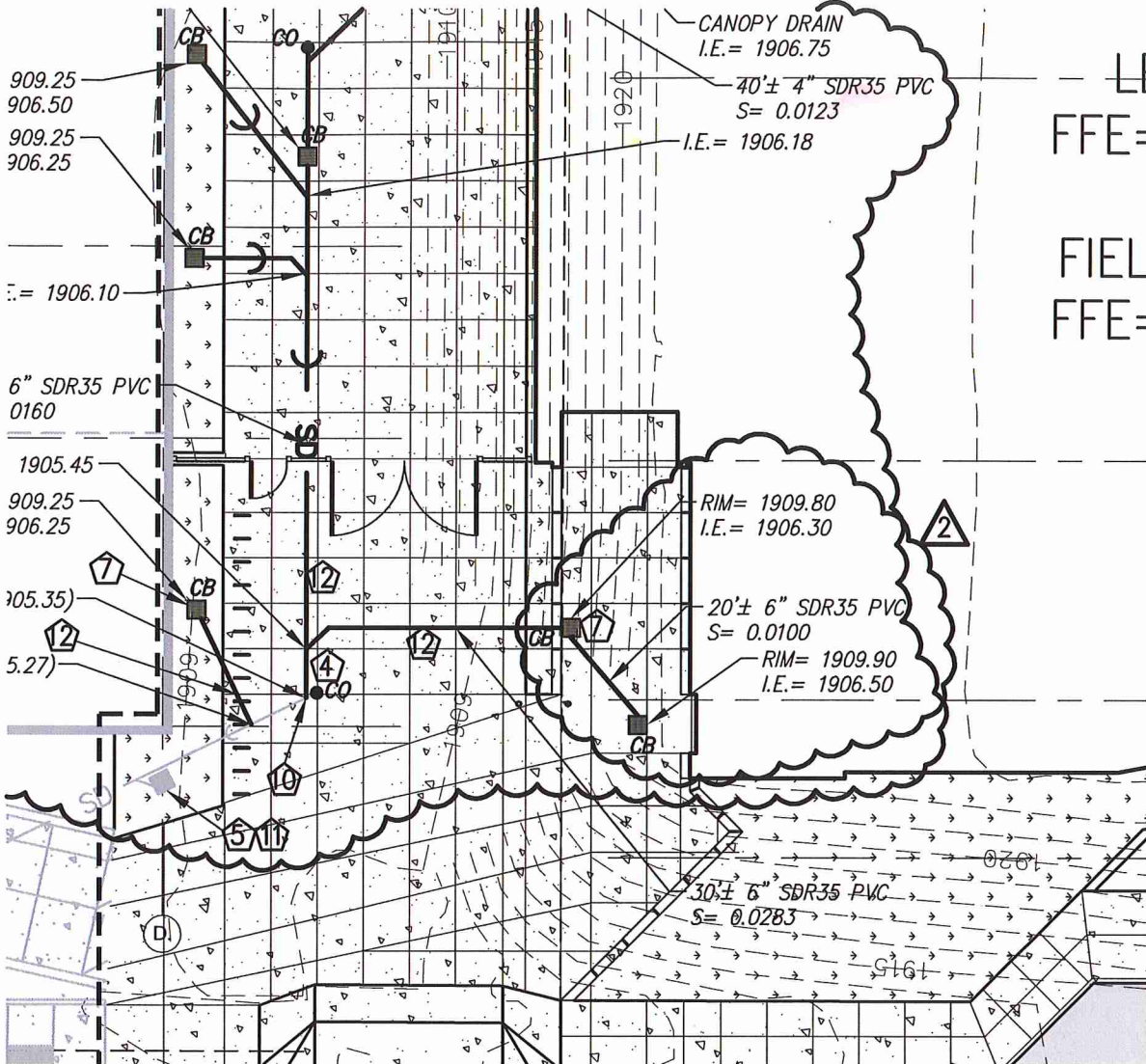
NAC
ARCHITECTURE
nacarchitecture.com
1203 WEST RIVERSIDE AVENUE
SPOKANE WA 99201
P:509.838.8240

NAC NO 111-15017
FILE 15042-0035
DRAWN JFS
CHECKED WMG
DATE 2-8-16

CC-01

RE: C1.10

ADDENDUM 2

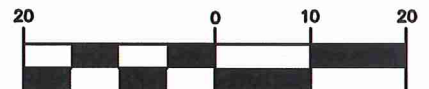


LE
FFE=

FIEL
FFE=



GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

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SPOKANE PUBLIC SCHOOL DISTRICT NO. 81
**NORTH CENTRAL HIGH SCHOOL
COMMONS / CAFETERIA ADDITION**

1600 NORTH HOWARD STREET, SPOKANE, WA 99205

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1203 WEST RIVERSIDE AVENUE
SPOKANE WA 99201
P:509.838.8240

NAC NO 111-15017
FILE 15042-0035
DRAWN JFS
CHECKED WMG
DATE 2-8-16

CC-03

RE: C1.30

ADDENDUM 2

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

LANDSCAPE

Drawings:

SHEET L5.00, DETAILS:

REPLACE: Detail 10 with City of Spokane Standard Detail V-101, (attached drawing CL-01)

REPLACE: Detail 11 with City of Spokane Standard Detail V-102, (attached drawing CL-02)

END OF LANDSCAPE ADDENDUM NO. 2

AT TIME OF PLANTING PRUNE ONLY DEAD, BROKEN, & DOUBLE LEADER BRANCHES

REMOVE ALL TREE WRAP, LABELS, STAKES OR OTHER FOREIGN OBJECTS.

REMOVE CONTAINERS, WIRE BASKETS, &/OR BURLAP COMPLETELY FROM ROOT BALL

ROOT FLARE SHALL BE 1" TO 2" ABOVE FINISHED GRADE. REMOVE EXCESS SOIL FROM ROOT BALL AS REQ'D TO EXPOSE ORIGINAL ROOT FLARE.

3" WOODY MULCH, MULCHED AREA TO BE A MINIMUM OF 60 INCHES IN DIAMETER

KEEP MULCH BACK FROM TRUNK AT LEAST 3 INCHES

SUBGRADE UNDER ROOT BALL TO BE KEPT UNDISTURBED TO REDUCE SETTLING.

FINISHED GRADE

BACKFILL WITH EXISTING SOIL, DO NOT TAMP, WATER THOROUGHLY.

BREAK DOWN SIDES OF HOLE WHEN BACKFILLING

3X ROOT BALL

NOTES:

1. TREES BURIED TOO DEEP, OR WITHOUT EXPOSING ROOT FLARE WILL BE REJECTED & SHALL BE REMOVED & REPLANTED AT PROPER DEPTH.
2. ALL 'ADVENTITIOUS' ROOTS' AND 'SUCKERS' SHALL BE PRUNED AWAY PRIOR TO PLANTING.
3. DEVIATIONS FROM THIS DETAIL SHALL ONLY BE ALLOWED WITH PERMISSION FROM THE CITY ARBORIST.
4. TREES NOT PLANTED IN CONFORMITY WITH THIS DETAIL WILL BE REJECTED BY THE CITY ARBORIST. REPLACEMENT OF REJECTED TREES WILL BE DONE AT THE CONTRACTOR'S EXPENSE & NOT BY THE CITY OF SPOKANE.
5. LOCATIONS OF TREES TO MEET THE REQUIREMENTS OF DESIGN STANDARDS 3.5-2. ≥ 15 FT FROM DRIVEWAYS, ≥ 10 FT FROM DRAINAGE INLETS, ≥ 20 FT FROM DRYWELLS, NOT OBSTRUCT TRAFFIC SIGNS OR SIGHT TRIANGLES, AND 15 FT FROM UNDERGROUND UTILITIES
6. AFTER PLANTING, IF TREES ARE UNSTABLE, STAKING MAY BE USED BUT ONLY AS NECESSARY. AT 6 MONTHS, ALL STAKING MATERIAL SHALL BE REMOVED. IF TREE IS STILL UNSTABLE, AFTER 6 MONTHS, TREE MAY NEED TO BE REPLACED.

<p>APPROVED BY</p> <p>ENGINEERING OPERATIONS MANAGER KYLE TWOHIG</p> <p>PRINCIPAL ENGINEER, CONST. KENNETH M. BROWN, P.E.</p>	<p>ADOPTED: 2/1986</p> <p>REVISED: 05/2015</p> <p>SUPERSEDES: 04/2012</p> <p>CHECKED BY: SJS</p> <p>SCALE: NTS</p> <p>REVISED BY: MLD</p>	<p style="text-align: center;">TREE PLANTING DETAILS</p> <p style="text-align: center;">ALL TYPES, FORMS AND SPECIES</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>ENGINEERING SERVICES</p> <p>CITY OF SPOKANE, WASHINGTON</p> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>STANDARD PLAN No.</p> <p>V-101</p> </div> </div>
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SPOKANE PUBLIC SCHOOL DISTRICT NO. 81

NORTH CENTRAL HIGH SCHOOL

COMMONS / CAFETERIA ADDITION

1600 NORTH HOWARD STREET, SPOKANE, WA 99205

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1203 WEST RIVERSIDE AVENUE
SPOKANE WA 99201
P:509.838.8240

NAC NO 111-15017

FILE 1546

DRAWN DLT

CHECKED TCS

DATE 2-8-16

CL-01

RE: L5.00

ADDENDUM 2

NOTES:

1. SHRUBS BURIED TOO DEEP, OR WITHOUT EXPOSING ROOT FLARE WILL BE REJECTED & SHALL BE REMOVED & REPLANTED AT PROPER DEPTH.
2. DEVIATIONS FROM THIS DETAIL SHALL ONLY BE ALLOWED WITH PERMISSION FROM THE CITY ARBORIST.
3. SHRUBS NOT PLANTED IN CONFORMITY WITH THIS DETAIL WILL BE REJECTED BY THE CITY ARBORIST. REPLACEMENT OF REJECTED SHRUBS WILL BE DONE AT THE CONTRACTOR'S EXPENSE & NOT BY THE CITY OF SPOKANE.

<p>APPROVED BY: _____</p> <p>ENGINEERING OPERATIONS MANAGER KYLE TWOHIG</p> <p>PRINCIPAL ENGINEER, CONST. KENNETH M. BROWN, P.E.</p>	<p>ADOPTED: 12/1986</p> <p>REVISED: 05/2015</p> <p>SUPERSEDES: 04/2012</p> <p>CHECKED BY: SJS</p> <p>SCALE: NTS</p> <p>REVISED BY: MLD</p>	<p>SHRUB PLANTING DETAILS</p> <p>ALL TYPES, FORMS AND SPECIES</p> <p>ENGINEERING SERVICES</p> <p>CITY OF SPOKANE, WASHINGTON</p> <p>STANDARD PLAN No. V-102</p>
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SPOKANE PUBLIC SCHOOL DISTRICT NO. 81

NORTH CENTRAL HIGH SCHOOL

COMMONS / CAFETERIA ADDITION

1600 NORTH HOWARD STREET, SPOKANE, WA 99205

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ARCHITECTURE

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1203 WEST RIVERSIDE AVENUE

SPOKANE WA 99201

P:509.838.8240

NAC NO 111-15017

FILE 1546

DRAWN DLT

CHECKED TCS

DATE 2-8-16

CL-02

RE: L5.00

ADDENDUM 2

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

ARCHITECTURAL

Specifications:

No Items

Drawings:

SHEET A1.01, SITE DEMOLITION PLAN:

CHANGE: Coded note 5 at existing railing along east walk to new coded note 31 as shown on the attached clarification drawing CA-05.

SHEET A1.02, SITE PLAN:

CHANGE: Site Coded note 5 to read as follows:

REINSTALL EXISTING GUARDRAIL ON NEW CONC WALK

SHEET A1.03, SITE PLAN:

DELETE: Details 16 & 20

SHEET A2.02, LEVEL 1 DEMOLITION PLAN:

CHANGE: Along Grid 6 as shown on the attached clarification drawing CA-06.

SHEET A7.02, LEVEL 1 INTERIOR ELEVATIONS:

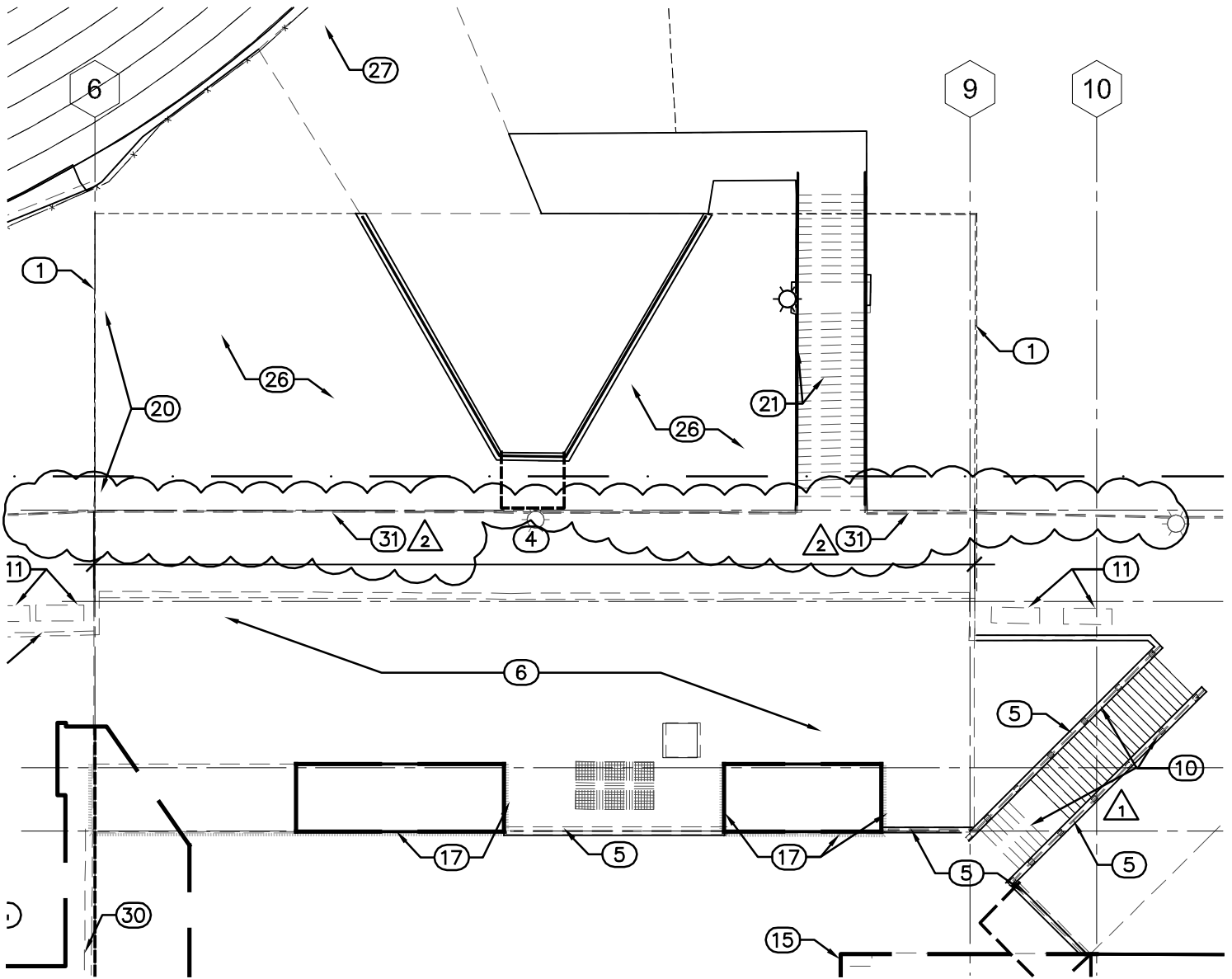
CHANGE: Interior elevation 3B as shown on the attached clarification drawing CA-07.

Prior Approvals:

The following products are approved for bidding subject to review and approval of Submittals and provided the Manufacturer meets all the requirements of the originally specified product. It shall be the initiator's responsibility to ensure that the proposed substitution is equal in every respect to the originally specified product, including but not limited to finish, size, weight, clearances, durability, maintenance, ease of operation, performance criteria, etc.

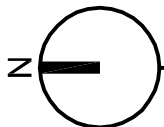
No Items

END OF ARCHITECTURAL ADDENDUM NO. 2



CODED DEMOLITION NOTES

(31) SALVAGE & STORE EXIST RAIL ALONG WALK, REPAIR/STRAIGHTEN NORTH END, PRIME, PT & REINSTALL.



SITE DEMOLITION PLAN

Scale: 1" = 20'-0"

XSITE

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SPOKANE PUBLIC SCHOOL DISTRICT NO. 81
**NORTH CENTRAL HIGH SCHOOL
 COMMONS / CAFETERIA ADDITION**

1600 NORTH HOWARD STREET, SPOKANE, WA 99205

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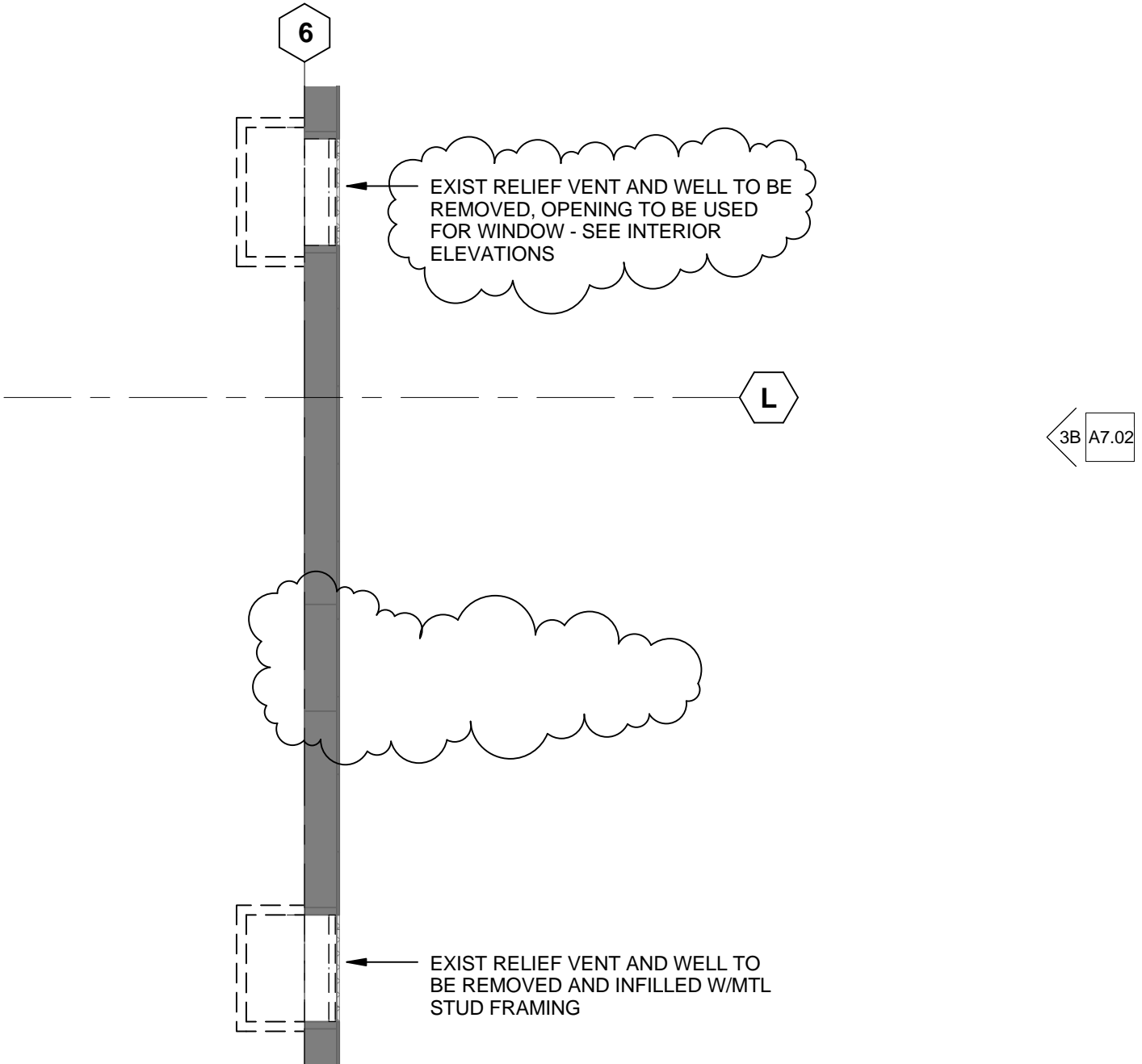
1203 WEST RIVERSIDE AVENUE
 SPOKANE WA 99201
 P:509.838.8240

NAC NO 111-15017
 FILE CA-05
 DRAWN RSW
 CHECKED -
 DATE 02-08-16

CA-05

RE: A1.01

ADDENDUM 2



1 LEVEL 1 DEMOLITION PLAN

Scale: 1/8" = 1'-0"

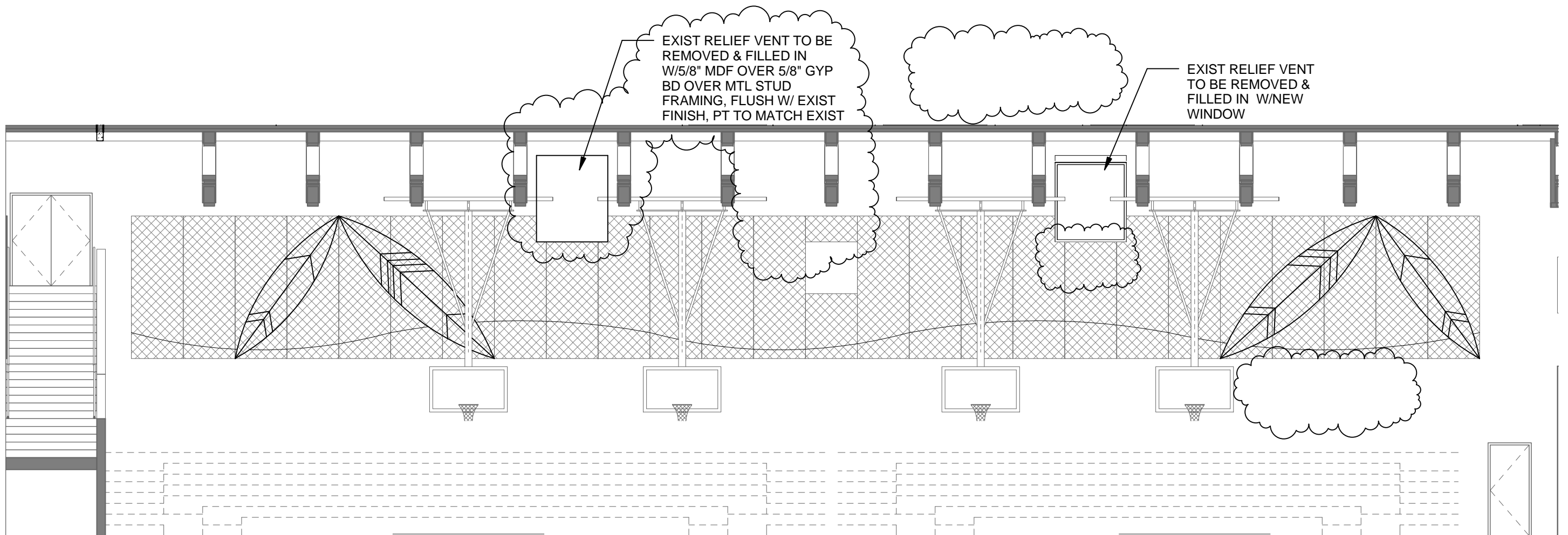
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SPOKANE PUBLIC SCHOOL DISTRICT NO. 81
NORTH CENTRAL HS
CAFETERIA/COMMONS ADDITION
 1600 NORTH HOWARD STREET, SPOKANE, WA 99205

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 SPOKANE WA 99201
 P:509.838.8240

NAC NO 111-15017
 FILE
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 DATE 02/08/16

CA-06
 RE: 1-A2.02
 ADDENDUM 2



3B

EXIST GYM NORTH ELEVATION

Scale: 1/8" = 1'-0"

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NORTH CENTRAL HS CAFETERIA/COMMONS ADDITION

1600 NORTH HOWARD STREET, SPOKANE, WA 99205

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NAC NO 111-15017
FILE
DRAWN RSW
CHECKED -
DATE 02/08/16

CA-07

RE: 3B-A7.02

ADDENDUM 2

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

STRUCTURAL

DRAWINGS:

SHEET S3.03, COMMONS LEVEL FRAMING PLAN:

CHANGE: See clouded items typical. Not all items are identified in the text below. Some items are detail reference coordination and added or revised dimensions.

ADD: Steel posts for window header at southeast classrooms, detail cuts

SHEET S3.04, LEVEL 3 FLOOR FRAMING PLAN:

CHANGE: See clouded items typical. Not all items are identified in the text below. Some items are detail reference coordination and added or revised dimensions.

ADD: Stair Framing, Top of steel callouts at about Grid H.7, window header at southeast classroom

SHEET S3.05, ROOF LEVEL FRAMING PLAN:

CHANGE: See clouded items typical. Not all items are identified in the text below. Some items are detail reference coordination and added or revised dimensions.

ADD: Deck infill at east seismic joist, decking callouts.

REVISE: Fall restraint detail reference

SHEET S4.02, FOUNDATION DETAILS:

CHANGE: See clouded items typical.

DELETE: Detail 14 – Stair bracket information

SHEET S5.07, FRAMING DETAILS:

CHANGE: See clouded items typical. Not all items are identified in the text below. Some items are detail reference coordination and added or revised dimensions.

ADD: Detail 1-4, 6 & 7 Stair details. Detail 10 Veneer support detail. Detail 15 Screen wall @ grid E4. Detail 19 Slab at seismic joint. Detail 20 CMU Wall Infill.

SHEET S6.10, BRACED FRAME DETAILS:

CHANGE: See clouded items typical. Items are detail reference coordination and added or revised dimensions.

REVISE: Moved Detail 3 to detail 1. Enlarged detail 4, made it detail 3. Still coordinating detail reference changes on brace frame elevations.

END OF STRUCTURAL ADDENDUM NO. 2



SLAB AND DECK / DIAPHRAGM SCHEDULE						
TYPE	CONCRETE THICKNESS	STEEL DECK	TOTAL THICKNESS	DECK ATTACHMENT		
				SUPPORTS PERPENDICULAR TO DECK SPAN	SUPPORTS PARALLEL TO DECK SPAN	SIDELAPS
D1	NA	1-1/2"DPX20GA (B)	NA	(7) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC
D2	NA	3"DPX18GA (N3)	NA	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC
D3	NA	1-5/16"DP VERCOR X20GA	NA	14/S5.04	14/S5.04	14/S5.04
S1	3-1/2"	1-1/2"DPX20GA (B) COMPOSITE	5"	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC
S2	3"	3"DPX18GA (W3)	6"	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 12"OC
S3	6"	1-1/2"DPX20GA (B) COMPOSITE	7-1/2"	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC

NOTES:

- CONCRETE TO BE NORMAL WEIGHT.
- DECK SHALL BE GALVANIZED. FLOOR DECK SHALL BE COMPOSITE STEEL DECK.
- REINFORCE SLAB WITH 6x6 W2 8W2 9 WWF UNO. PROVIDE ADDITIONAL REINFORCING AS SHOWN IN THE PLAN AND DETAILS WWF NOT REOD AT S3.
- REFERENCE GENERAL STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
- SEE PLAN FOR WHERE ACOUSTICAL DECK IS REQUIRED.

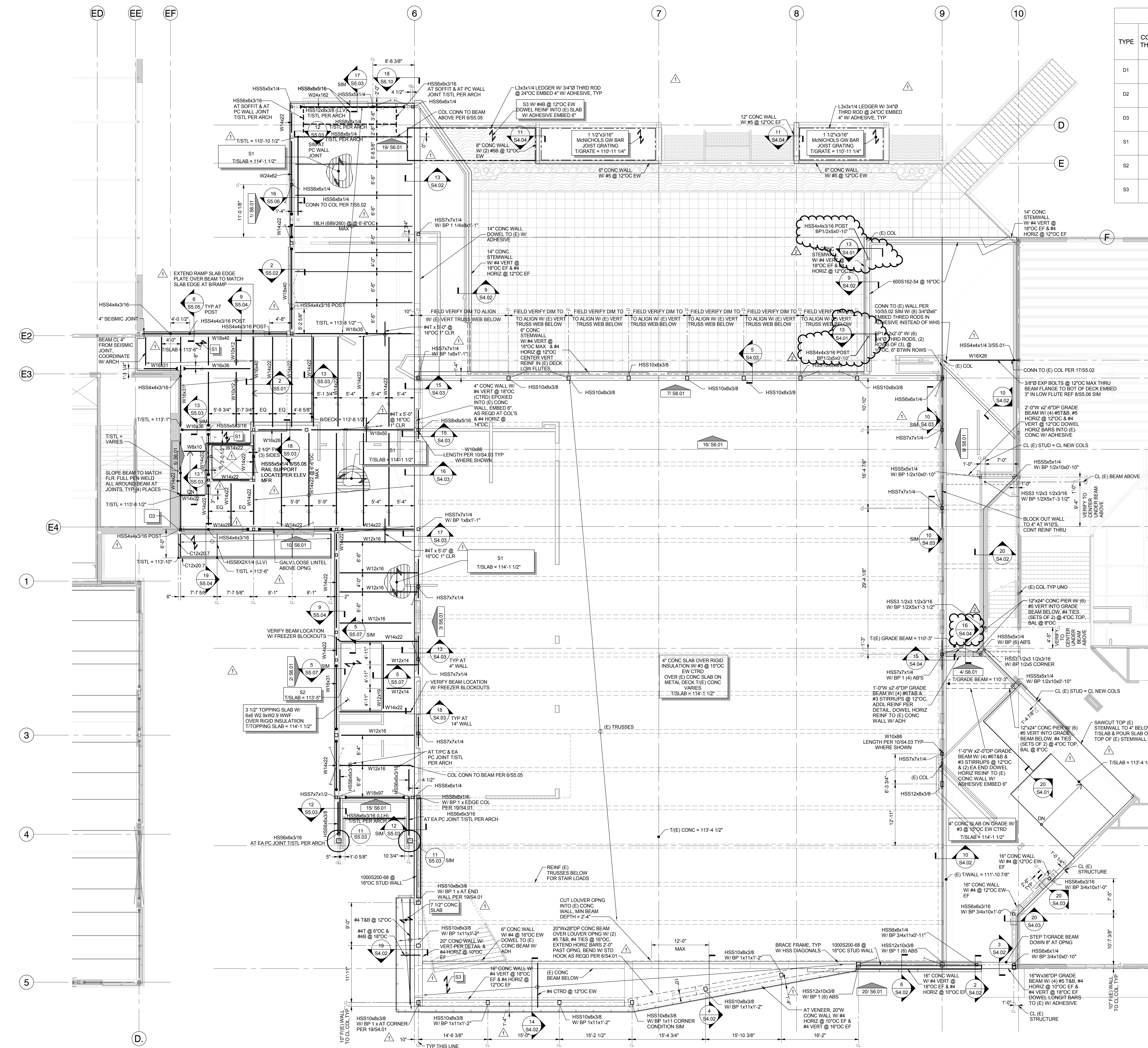
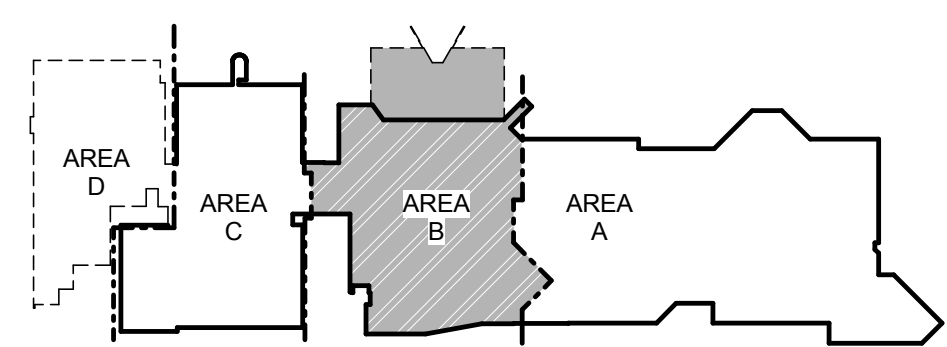
FLOOR FRAMING PLAN NOTES:

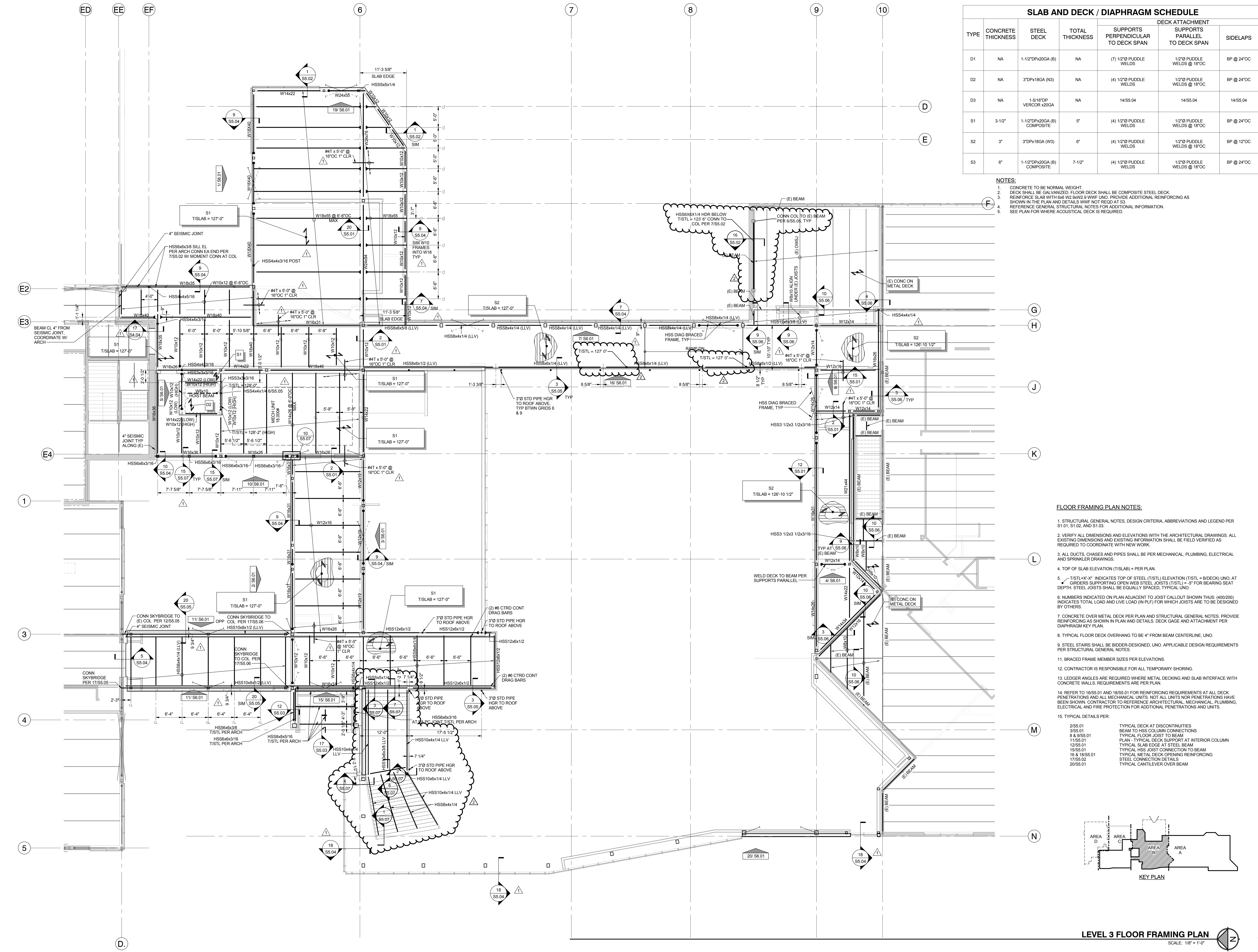
- STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER S1.01, S1.02, AND S1.03.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL EXISTING DIMENSIONS AND EXISTING INFORMATION SHALL BE FIELD VERIFIED AS REQUIRED TO COORDINATE WITH NEW WORK.
- ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
- TOP OF SLAB ELEVATION (T/SLAB) = PER PLAN.
- T/STL=X-X" INDICATES TOP OF STEEL (T/STL) ELEVATION (T/STL = B/DECK) UNO; AT GIRDERS SUPPORTING OPEN WEB STEEL JOISTS (T/STL) = 5" FOR BEARING SEAT DEPTH. STEEL JOISTS SHALL BE EQUALLY SPACED, TYPICAL UNO.
- NUMBERS INDICATED ON PLAN ADJACENT TO JOIST CALL OUT SHOWN THUS: (400/200) INDICATES TOTAL LOAD AND LIVE LOAD (IN PLF) FOR WHICH JOISTS ARE TO BE DESIGNED BY OTHERS.
- CONCRETE OVER METAL DECK PER PLAN AND STRUCTURAL GENERAL NOTES. PROVIDE REINFORCING AS SHOWN IN PLAN AND DETAILS. DECK GAGE AND ATTACHMENT PER DIAPHRAGM KEY PLAN.
- TYPICAL FLOOR DECK OVERHANG TO BE 4" FROM BEAM CENTERLINE, UNO.
- STEEL STAIRS SHALL BE BIDDER-DESIGNED, UNO. APPLICABLE DESIGN REQUIREMENTS PER STRUCTURAL GENERAL NOTES.
- BRACED FRAME MEMBER SIZES PER ELEVATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
- LEDGER ANGLES ARE REQUIRED WHERE METAL DECKING AND SLAB INTERFACE WITH CONCRETE WALLS. REQUIREMENTS ARE PER PLAN.
- REFER TO 16/S5.01 AND 18/S5.01 FOR REINFORCING REQUIREMENTS AT ALL DECK PENETRATIONS AND ALL MECHANICAL UNITS. NOT ALL UNITS NOR PENETRATIONS HAVE BEEN SHOWN. CONTRACTOR TO REFERENCE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND FIRE PROTECTION FOR ADDITIONAL PENETRATIONS AND UNITS.
- TYPICAL DETAILS PER:

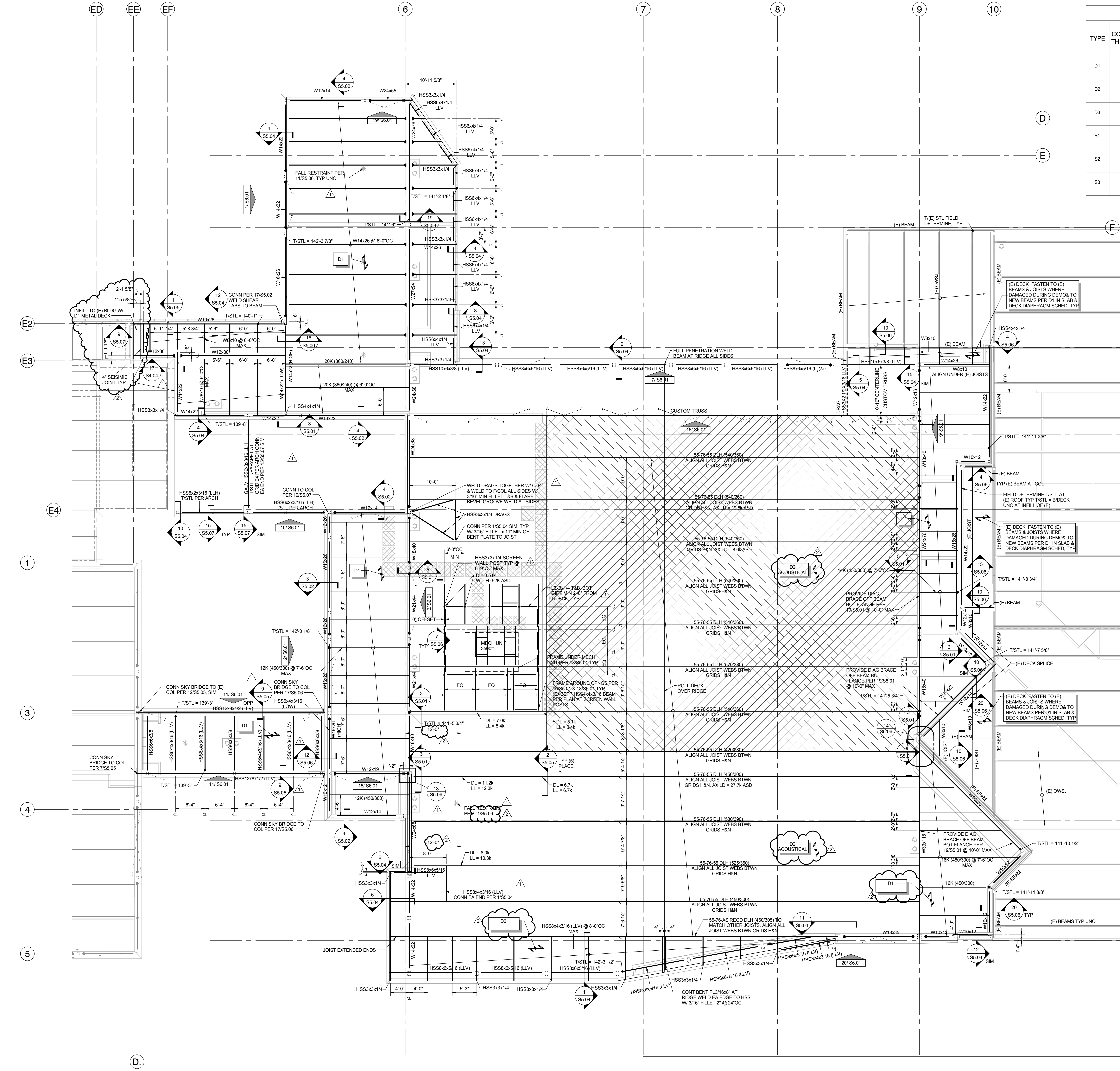
2/S5.01
3/S5.01
8 & 9/S5.01
11/S5
12/S5.01
15/S5.01
16 & 18/S5.01
17/S5.02
20/S5.01

TYPICAL DECK AT DISCONTINUITIES
BEAM TO HSS COLUMN CONNECTIONS
TYPICAL FLOOR JOIST TO BEAM
PLAN, TYPICAL DECK SUPPORT AT INTERIOR COLUMN
TYPICAL SLAB EDGE AT STEEL BEAM
TYPICAL HSS JOIST CONNECTION TO BEAM
TYPICAL METAL DECK OPENING REINFORCING
STEEL CONNECTION DETAILS
TYPICAL CANTILEVER OVER BEAM

KEY PLAN





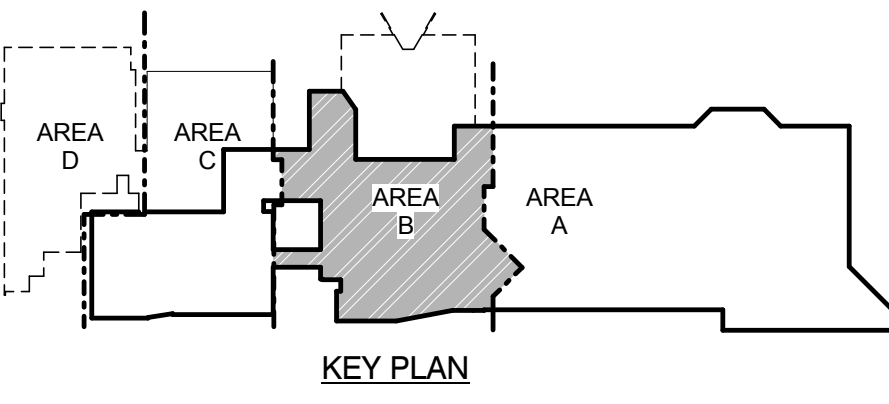


SLAB AND DECK / DIAPHRAGM SCHEDULE						
TYPE	CONCRETE THICKNESS	STEEL DECK	TOTAL THICKNESS	DECK ATTACHMENT		
				SUPPORTS PERPENDICULAR TO DECK SPAN	SUPPORTS PARALLEL TO DECK SPAN	SIDLAPS
D1	NA	1-1/2"DPK20GA (B)	NA	(7) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC
D2	NA	3"DPK18GA (N3)	NA	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC
D3	NA	1-5/16"DP VERCOR X20GA	NA	14/S5.04	14/S5.04	14/S5.04
S1	3-1/2"	1-1/2"DPK20GA (B) COMPOSITE	5"	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC
S2	3"	3"DPK18GA (W3)	6"	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 12"OC
S3	6"	1-1/2"DPK20GA (B) COMPOSITE	7-1/2"	(4) 1/2" PUDDLE WELDS	1/2" PUDDLE WELDS @ 18"OC	BP @ 24"OC

- NOTES:
- CONCRETE TO BE NORMAL WEIGHT.
 - DECK SHALL BE GALVANIZED. FLOOR DECK SHALL BE COMPOSITE STEEL DECK.
 - REINFORCE SLAB WITH S66 W23XW22 WVF UNO. PROVIDE ADDITIONAL REINFORCING AS SHOWN IN THE PLAN AND DETAILS WVF NOT REOD AT S3.
 - REFERENCE GENERAL STRUCTURAL NOTES FOR ADDITIONAL INFORMATION.
 - SEE PLAN FOR WHERE ACOUSTICAL DECK IS REQUIRED.

ROOF FRAMING PLAN NOTES:

- STRUCTURAL GENERAL NOTES, DESIGN CRITERIA, ABBREVIATIONS AND LEGEND PER S1.01, S1.02, AND S1.03.
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECT'S DRAWINGS. ALL EXISTING DIMENSIONS AND EXISTING INFORMATION SHALL BE FIELD VERIFIED AS REQUIRED TO COORDINATE WITH NEW WORK.
- ALL DUCTS, CHASES AND PIPES SHALL BE PER MECHANICAL, PLUMBING, ELECTRICAL AND SPRINKLER DRAWINGS.
- T/STL=X"X"X" INDICATES TOP OF STEEL (T/STL) ELEVATION AT JOISTS (T/STL = B/DCK) UNO. AT GRIDERS SUPPORTING OPEN WEB STEEL JOISTS T/STL = 3 1/2" AT K SERIES JOIST - 10" AT LH SERIES JOIST SEAT BEARING DEPTH NOTED ON PLANS. STEEL JOISTS SHALL BE EQUALLY SPACED, TYPICAL UNO.
- METAL DECK PER PLAN AND STRUCTURAL GENERAL NOTES. DECK GAGE AND ATTACHMENT PER DIAPHRAGM KEY PLAN.
- TYPICAL ROOF DECK OVERHANG TO BE 4" FROM CENTERLINE OF BEAM, UNO.
- NUMBERS INDICATED ON PLAN ADJACENT TO JOIST CALLOUT SHOWN THUS: (400/200) INDICATES TOTAL LOAD AND LIVE LOAD (IN PLF) FOR WHICH JOISTS ARE TO BE DESIGNED BY OTHERS.
- ROOF JOISTS TO BE DESIGNED FOR A NET UPLIFT LOAD OF 6PSF.
- ROOF JOISTS ARE TO BE REVIEWED FOR ADDITIONAL LOADS FROM MECHANICAL UNITS AND PIPING. (ADDITIONAL LOADING REQUIREMENTS PER PLAN) CONTRACTOR TO PROVIDE THE TRUSS/JOIST SUPPLIER WITH A DRAWING SHOWING THE LOCATION AND SUPPORT CONDITIONS FOR ALL MECHANICAL, ELECTRICAL, PLUMBING AND SPRINKLER LOADS. SPECIAL TRUSS SHAPES AND OPENING REQUIREMENTS ARE AS DESIGNATED ON PLAN. ROOF TRUSS/JOIST SUPPLIER IS RESPONSIBLE FOR ADDITIONAL FRAMING REQUIRED TO SUPPORT MECHANICAL EQUIPMENT, DUCTS, ELECTRICAL EQUIPMENT, PLUMBING AND FIRE PROTECTION.
- LEDGER ANGLES ARE REQUIRED WHERE METAL DECKING INTERFACES WITH CONCRETE WALLS. REQUIREMENTS PER PLAN.
- STEEL STAIRS SHALL BE BIDDER-DESIGNED, UNO. APPLICABLE DESIGN REQUIREMENTS PER STRUCTURAL GENERAL NOTES.
- BRACED FRAME MEMBER SIZES PER ELEVATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING.
- REFER TO 16/S5.01 AND 18/S5.01 FOR REINFORCING REQUIREMENTS AT ALL DECK PENETRATIONS AND ALL MECHANICAL UNITS. NOT ALL UNITS NOR PENETRATIONS HAVE BEEN SHOWN. CONTRACTOR TO REFERENCE ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND FIRE PROTECTION FOR ADDITIONAL PENETRATIONS AND UNITS.
- TYPICAL DETAILS PER:
 - 1/S5.01 ALLOWABLE METHODS AND LOCATIONS FOR SUPPORTING LOADS
 - 7/S5.01 FROM OWSJ
 - 16/S5.01 & 18/S5.01 TYPICAL CHANGE IN DECK DIRECTION AT ROOF
 - 5/S5.02 TYPICAL DECK OPENING REINFORCING DETAILS
 - 5/S5.02 TYPICAL SKEWED BOLTED BEAM CONNECTION
 - 5/S5.02 TYPICAL OWSJ TO FACE OF COLUMN
 - 7/S5.02 TYPICAL HSS BEAM CONNECTIONS
 - 17/S5.02 STEEL CONNECTION DETAILS



ROOF LEVEL FRAMING PLAN
SCALE: 1/8" = 1'-0"

REVISIONS
1 ADDENDUM 1 02-03-16
2 ADDENDUM 2 02-08-16

PERMIT APPLICATION SET



SPOKANE PUBLIC SCHOOL DISTRICT NO. 81
NORTH CENTRAL HS CAFETERIA/COMMONS ADDITION
1600 NORTH HOWARD STREET, SPOKANE, WA 99205



NAC
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1200 WEST MCKENNAE
SPOKANE, WA 99201
P509.838.8240

NAC NO 111-15017
DRAWN J/LJ
CHECKED LMB
DATE 01/17/16

ROOF FRAMING PLAN

CD
S3.05

1



This cross-section detail illustrates the construction of a concrete slab and wall junction. The components and labels are as follows:

- CONC SLAB & REINF PER PLAN**: Points to the top horizontal concrete slab.
- LAP PER 1/54.01**: Indicates the lap length for the reinforcement bars in the slab.
- CONC SLAB & REINF PER PLAN**: Points to the right horizontal concrete slab.
- T/SLAB PER PLAN**: Points to the top reinforcement bar in the left slab.
- (E) CONC SLAB & DECKING**: Points to the horizontal concrete slab and decking on the left.
- RIGID INSULATION**: Points to the insulation layer below the horizontal slab.
- 6" CONC WALL W/ #4H @ 12" OC CONT & #4V @ 18" OC**: Points to the vertical concrete wall section.
- EPOXY PER STRUC GENERAL NOTES**: Points to the epoxy application at the wall-slab interface.
- (E) CONC WALL**: Points to the vertical concrete wall.

NOTES:

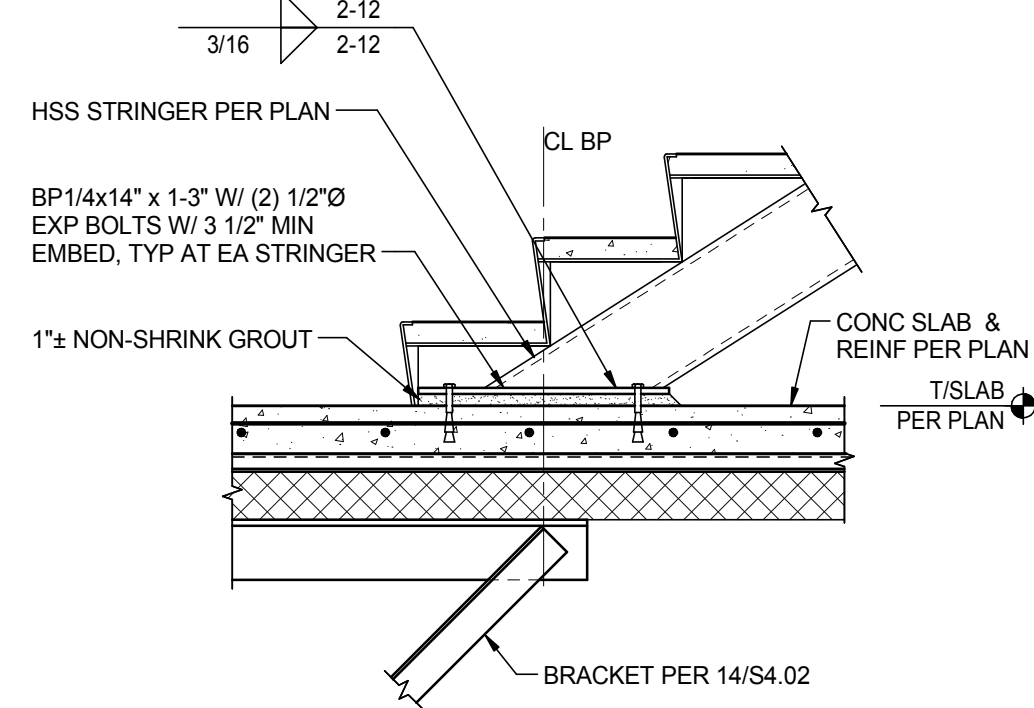
1. DO NOT WELD IN "K" REGION OF COLUMN.
2. "T" EQUALS DIMENSION BETWEEN "K" REGIONS PER AISC.

18 SLAB AT EXISTING SLAB
SCALE: 1" = 1'-0"

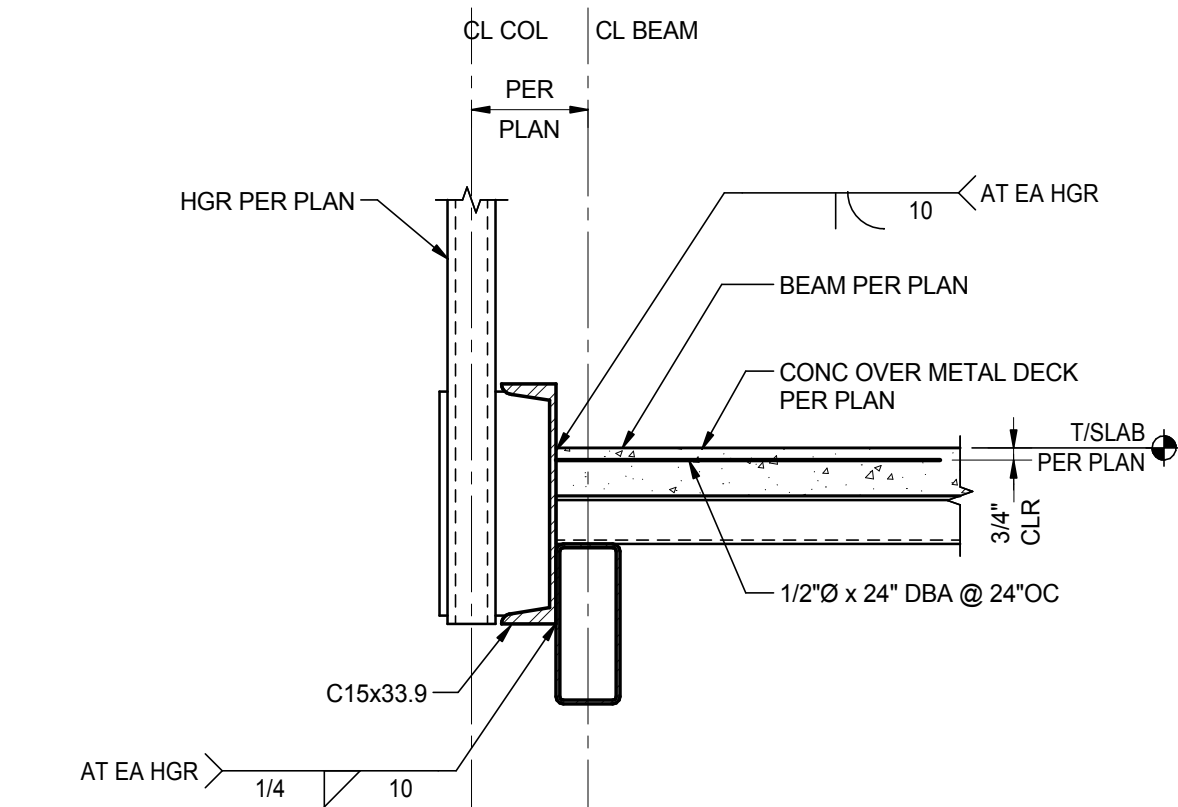
19 CANTILEVERED SLAB AT NORTHWEST CORNER
SCALE: 1" = 1'-0"

NOTE:
ADDITIONAL INFORMATION PER 20/S4.01 SIMILAR

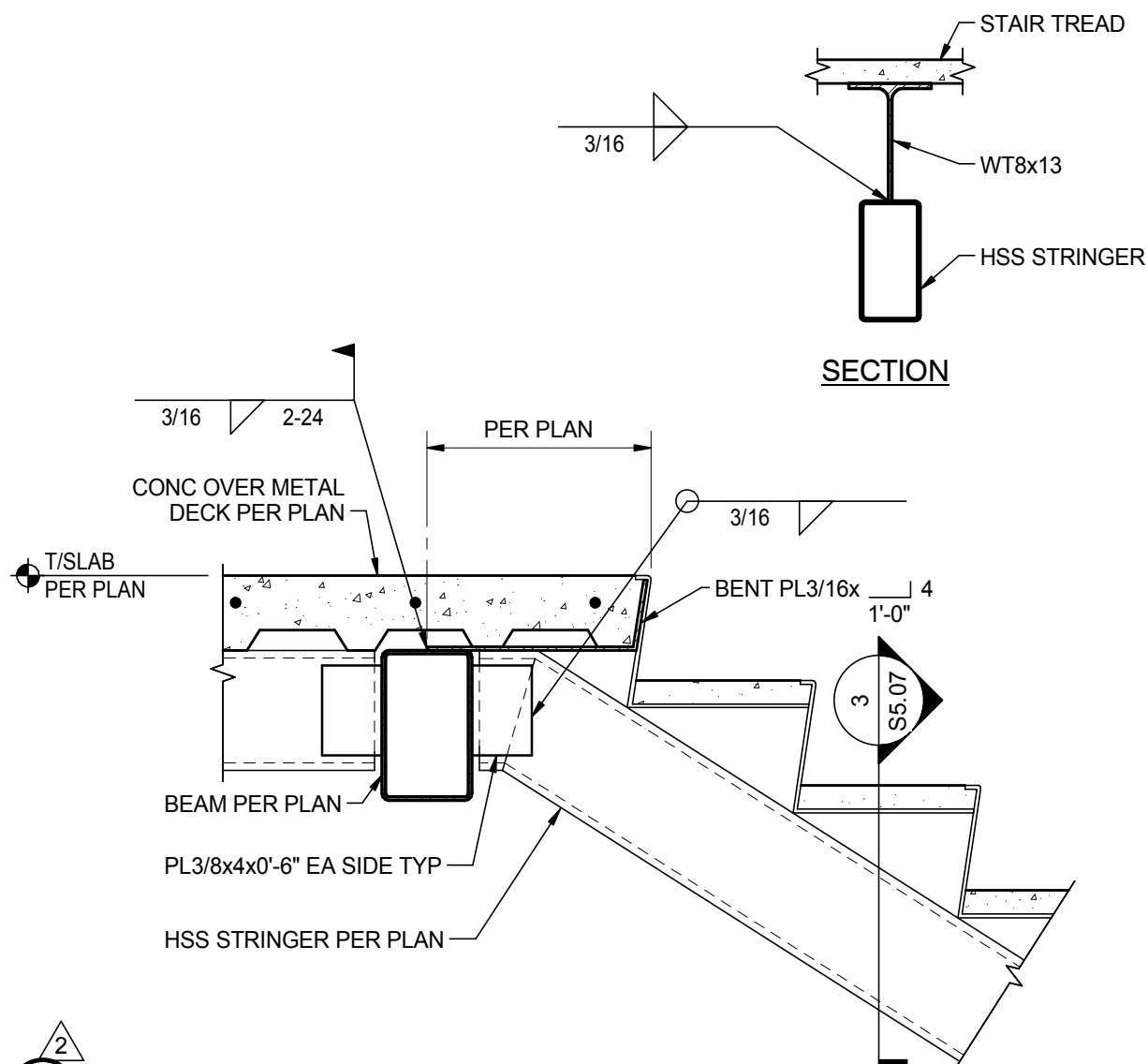
1 STRINGER AT LOWER LANDING
SCALE: 3/4" = 1'-0"



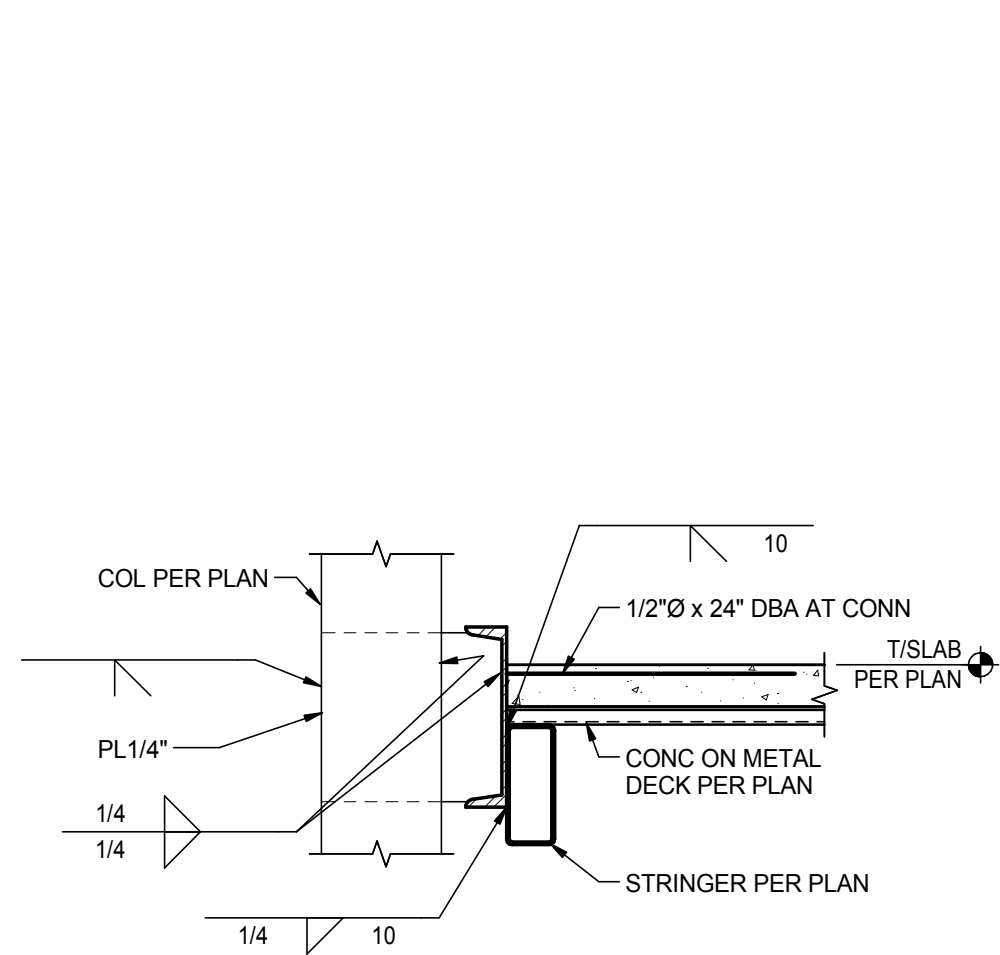
2 BRIDGE HANGER CONNECTION
SCALE: 1" = 1'-0"



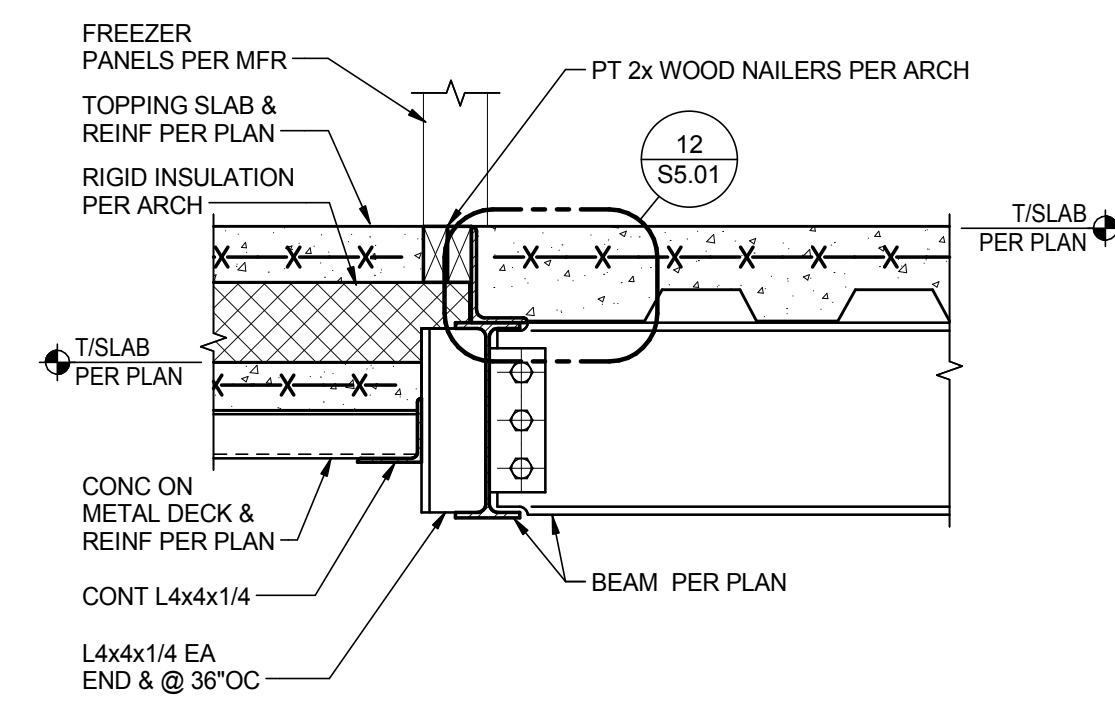
3 STRINGER AT UPPER LANDING
SCALE: 1" = 1'-0"



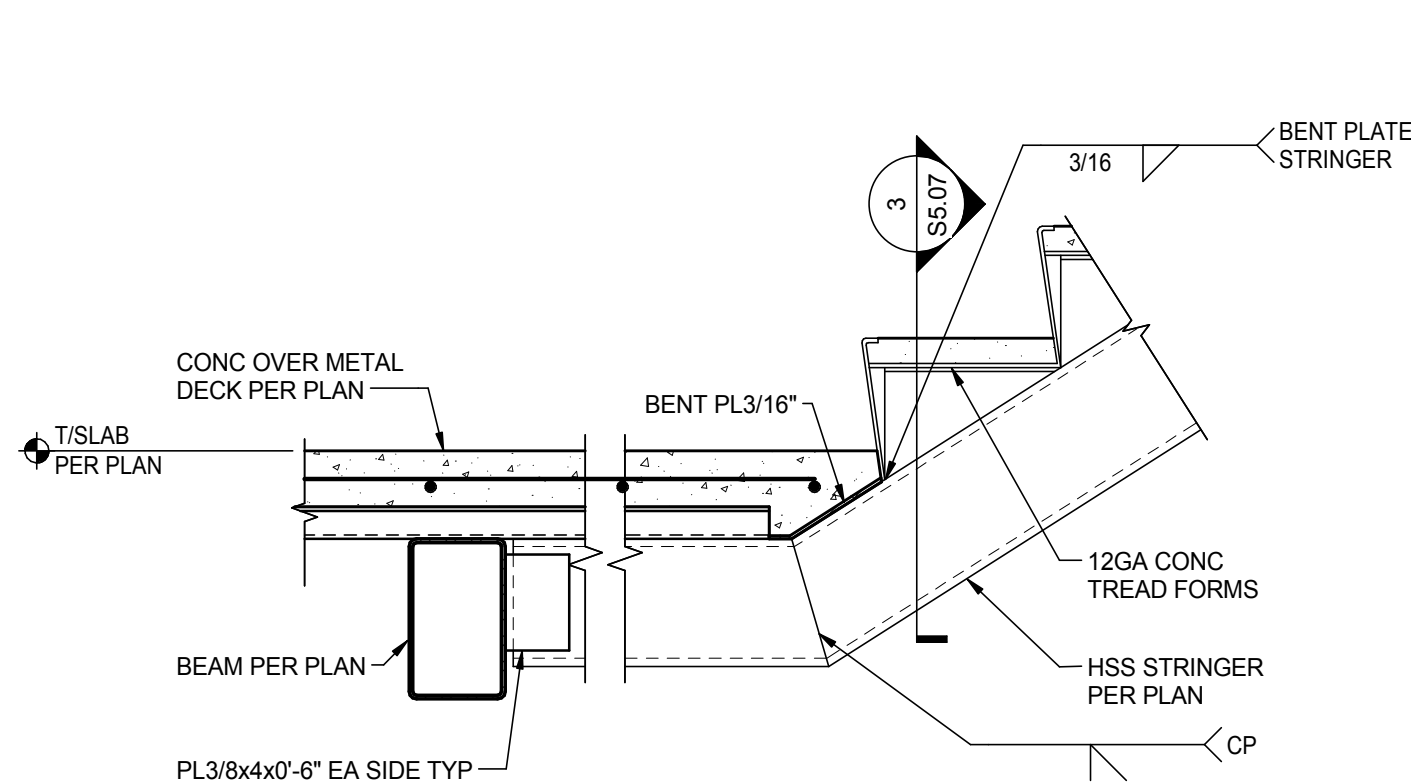
4 SECTION
SCALE: 3/4" = 1'-0"



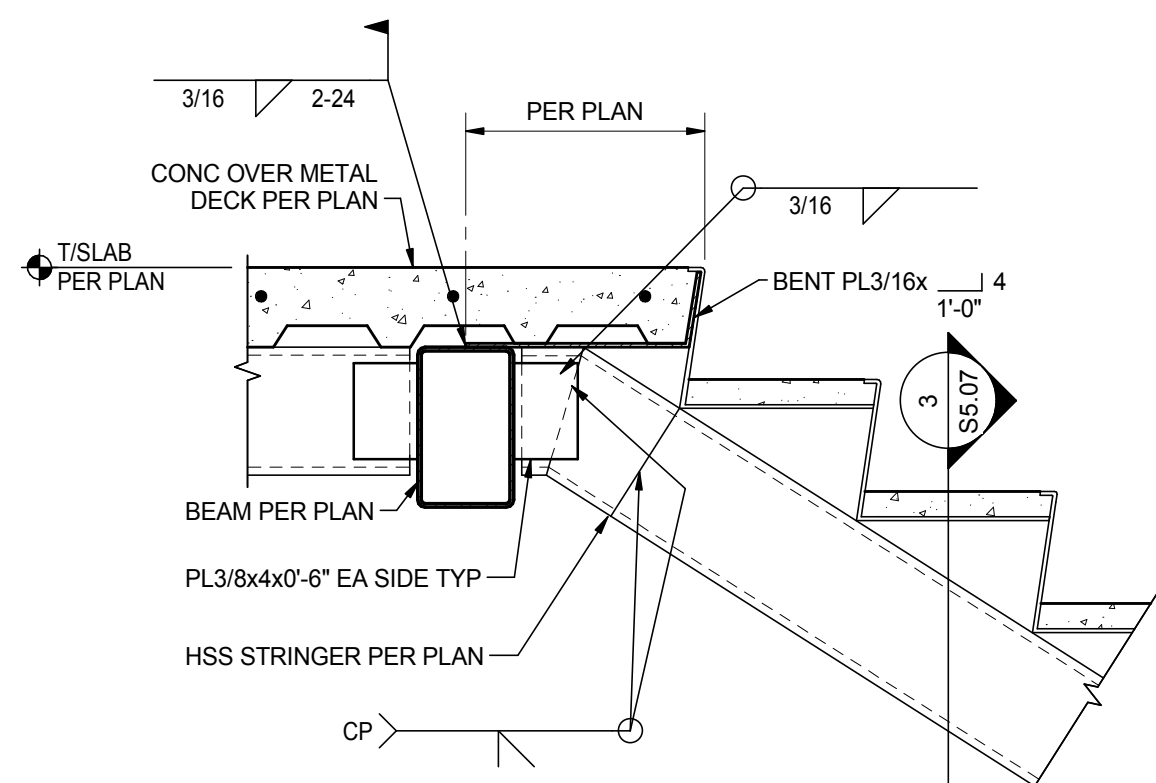
5 RECESS SLAB AT FREEZER
SCALE: 1" = 1'-0"



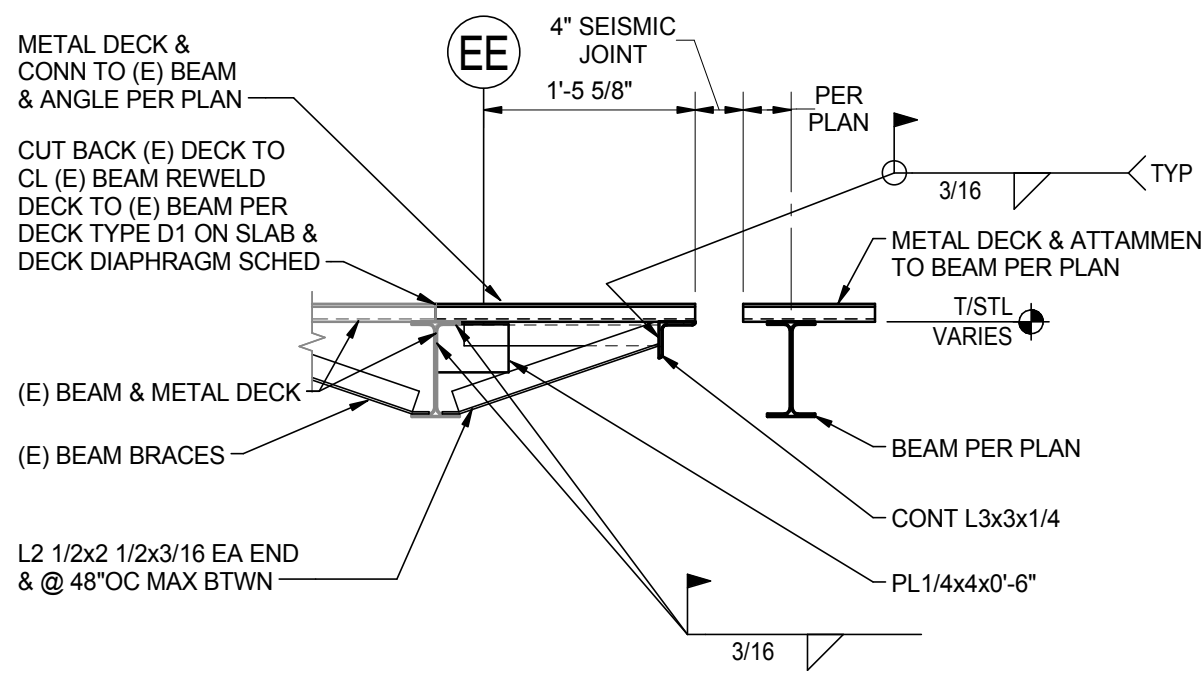
6 STRINGER AT LOWER LANDING
SCALE: 1" = 1'-0"



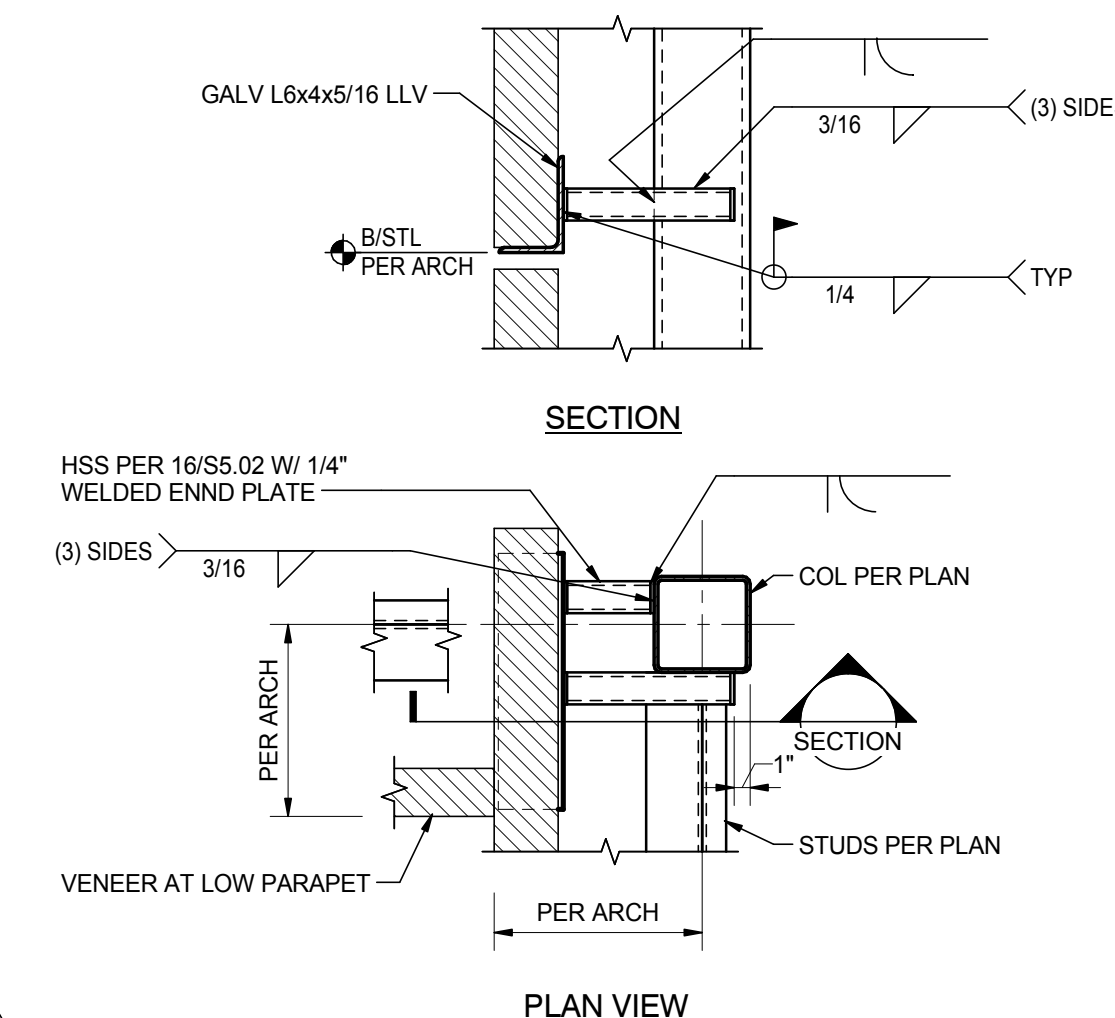
7 STRINGER AT UPPER LANDING
SCALE: 1" = 1'-0"



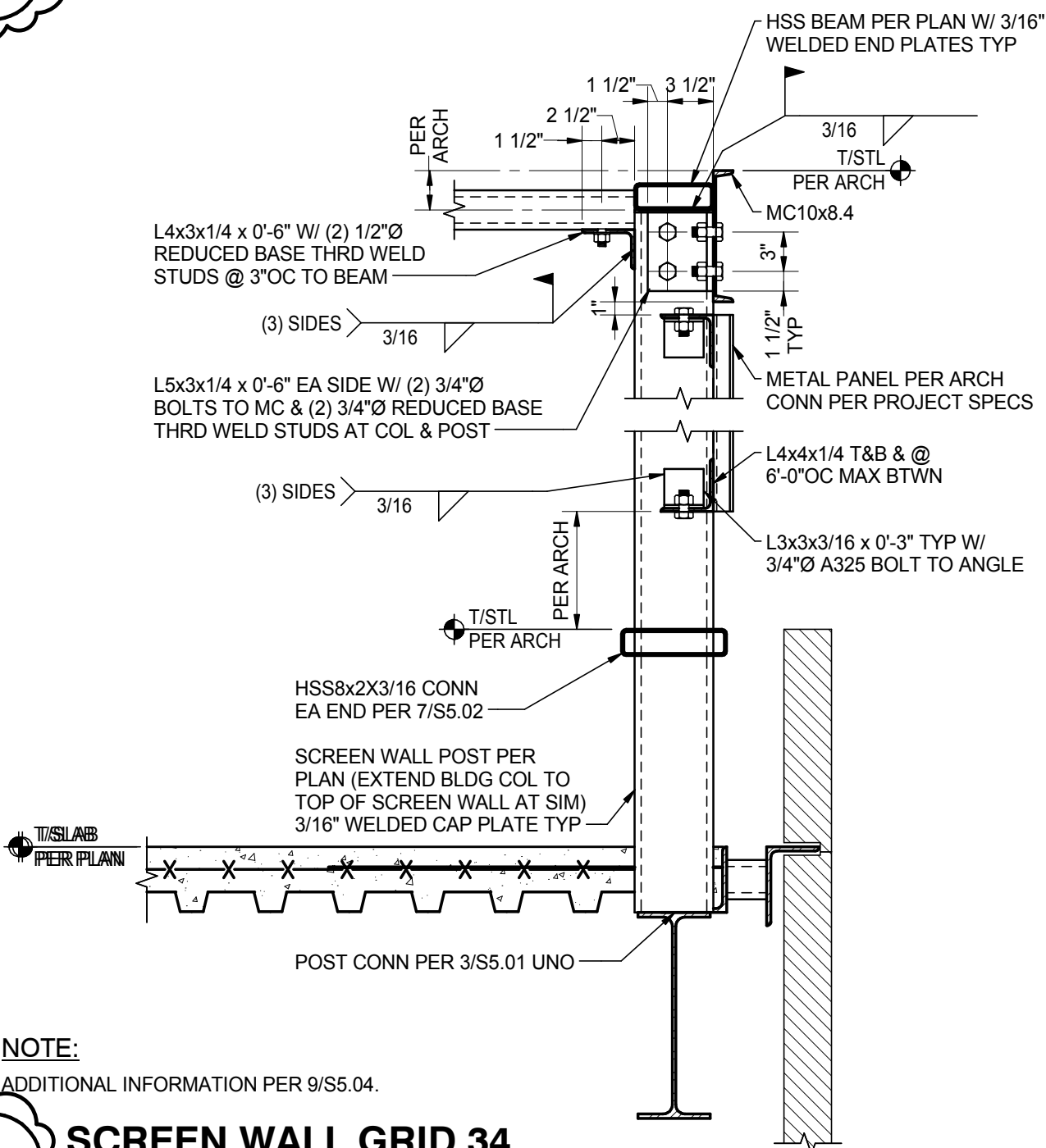
9 ROOF SECTION AT SEISMIC JOINT
SCALE: 3/4" = 1'-0"



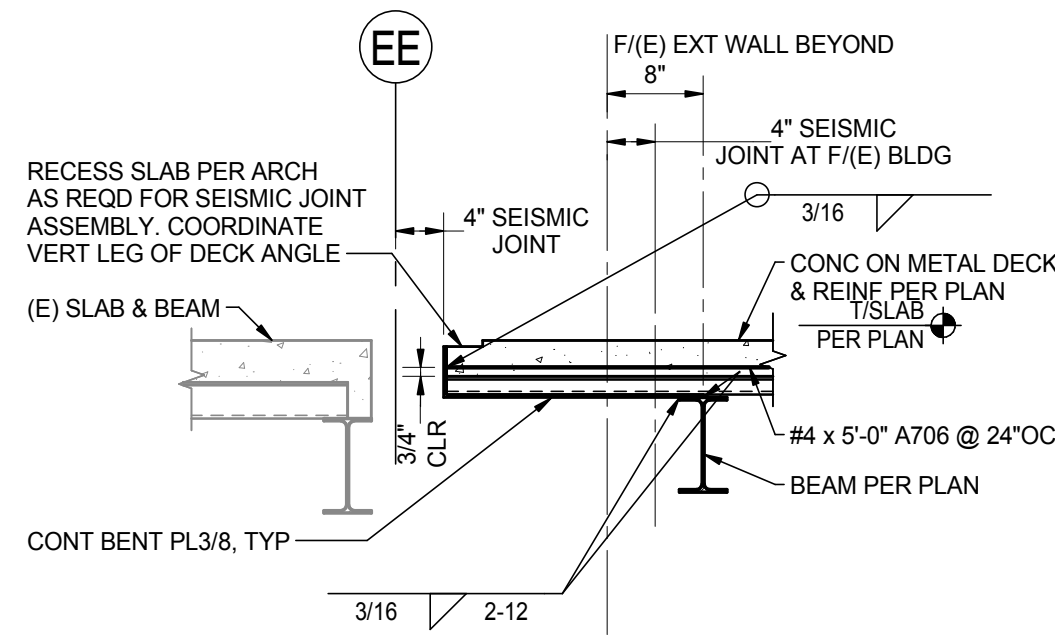
10 VENEER SUPPORT OVER LOW PARAPET
SCALE: 1" = 1'-0"



15 SCREEN WALL GRID 34
SCALE: 1" = 1'-0"



19 SLAB AT SEISMIC JOINT
SCALE: 3/4" = 1'-0"



20 PLAN -INFILL OF EXISTING OPENING
SCALE: 1" = 1'-0"

