



Department of
Purchasing

Mark A. Booker
Director

March 23, 2023

ADDENDUM #1, CSP#499-23-03, Hudson Middle School-Sanitary Sewer Replacement-Phase 2

This addendum forms a part of the solicitation documents, modifies the original document as indicated in the Addendum 01 provided below and is hereby made part of any pursuant award. Acknowledge receipt of this Addendum in Section 00 41 00, Paragraph 2.2 Addenda, in the bid package submittal documents. Failure to submit the acknowledgement of addenda will be used as an evaluated factor.

***AS A REMINDER, THE SUBMITTAL DATE FOR THIS CSP REMAINS 11:00 AM, March 30, 2023 at the Garland ISD Purchasing Construction Bond Department, Marvin Padgett Auxiliary Services Center Building, 701 N. First Street, Garland, Texas 75040.**

1. ADDITIONAL INFORMATION:

- a. Attachment 1: Pre-proposal meeting agenda and sign in record, 4 pages.
- b. Attachment 2: Garland ISD Academic Calendar 2023-2024, 1 page.

2. CHANGES:

- a. Bid opening is changed from March 30, 2023, 11:40 AM to 11:10 AM.
- b. Attachment 3a: Delete and Replace plan sheets with P2.00, P2.01, P2.02, and P3.03, 4 pages.

The full document under Addendum 1 is attached and available on the Google drive at:
<https://drive.google.com/drive/folders/1BT0cpwNixZ0Qa4525ZILrx3a4ze0xn6n>

Mark A. Booker
Executive Director of Purchasing

**FACILITIES AND MAINTENANCE
PRE-PROPOSAL CONFERENCE AGENDA**

Project: CSP 499-23-03

Date: Tuesday, MARCH 21, 2023 9:00 AM

1. Attendance:

- Sign-in Sheet

2. Project Personnel:

Brian Finley
Senior Maintenance Project Manager
Garland Independent School District
701 N. First Street
Garland, TX 75040
Office: 972-487-4102 | Mobile: 214-500-2854
E-mail: BRFinley@garlandisd.net

RWB Consulting Engineers
Nathan Hart, P.E., Engineer of Record
12001 N. Central Expwy, Suite 1100
Dallas, TX 75243
Phone: 972-788-4222 | Mobile: 214-695-7613
E-mail: nhart@rwb.net w/CC: mdanielson@rwb.net

Nancy Nunez, MBA, RTSBA
Construction Bond Specialist
Purchasing, Garland Independent School District
E-mail: nrnunez@garlandisd.net
bids@garlandisd.net

3. Brief Scope Review by Engineer:

4. Special Concerns: Timeline

5. Special Conditions / Items Discussion:

- Active campus
- Project phasing to be considered as part of overall project cost

6. Safety:

- Contractor safety plan required
- Access
- Parking
- Storage
- Lay-down area
- Temporary offices
- Sanitary facilities
- Badges / photo identification

7. Risk of After-hours Ignition from Hot Work and Requirement for Fire Watch:

8. Completion Dates:

- Substantial Completion AUGUST 6, 2024
- Final Completion OCTOBER 1, 2024

9. Project Budget:

HUDSON MS

- Construction Cost Limitation (CCL) \$ 1,100,000
- In Contract Owner Controlled Contingency (IC) \$ 200,000

10. Project Documents:

- Proposal: Available at <https://garlandisd.net/connect/how-do-business-us/current-bidrfp-opportunities>
- Submit Intention to Propose Form
- All questions to be submitted in writing to:
- Bids@garlandisd.net and Nancy Nunez, NRNunez@garlandisd.net
- Last Day for receiving questions: **CLOSE OF BUSINESS WEDNESDAY- MARCH 22, 2023**
- Last Day for issuing Addenda: **MARCH 23, 2023**

11. Proposal Addendums:

- Response to questions via addenda

12. HUB Requirement:

- A request will be sent to provide the HUB effort and document in a fillable format to be returned ASAP with your schedule of values.
- Include HUB activity per Schedule 9, if none, submit with N/A.

13. Proposal Delivery:

- Garland ISD Purchasing
- Marvin Padgett Auxiliary Services Center
- 701 N First Street, Garland, Texas, 75040
- Receipt of Proposals: **MARCH 30, 2023 by 11:00 AM**
- Proposal Opening and Read: **MARCH 30, 2023 at 11:10 AM**

14. Award:

- Anticipated board approval meeting **MAY 23, 2023**

15. Site Visit, IF NEEDED:

- Walk-thru discussion.

Garland Independent School District
HUDSON MS SANITARY SEWER LINE REPLACEMENT-PHASE 2

499-23-03

PLEASE PRINT

Tuesday, March 21, 2023 at 9:00 AM -PRE-BID Sign in sheet					
	Name	Initial	Company	Email	Phone
1	CHRIS DICKERSON	CD	ENTERA	CHRIS.DICKERSON@ENTERAGATES.COM	409-782-6546
2	Nathan Hart	NH	RWB	nhart@rwb.net	972-988-4222
3	Frank Bayardo	FB	GISD	fbayardo@GarlandISD.net	(210) 789-6188
4	B-1	BS	GISD	b.bayardo@garlandisd.net	214-320-2554
5	Paul Gonzales	PG	GISD	PGonzalez@GarlandISD.net	972-935-8009
6	Nancy Nunez	NN	GISD	nnnunez@garlandisd.net	972 4874132
7			3-21-2023 9:10 AM		
8					
9	Clint Dillard		United Mechanical	cdillard@unitedmechanical.com	214 793 8763
10					
11					
12					
13					
14					

2022-23 Garland ISD Academic Calendar

S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S						
JULY							AUGUST							SEPTEMBER							OCTOBER												
						1	2																				1						
3	4	5	6	7	8	9		7	8	9	10	11	12	13	4	5	6	7	8	9	10						2	3	4	5	6	7	8
10	11	12	13	14	15	16		14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15					
17	18	19	20	21	22	23		21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22					
24	25	26	27	28	29	30		28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29					
31																						30	31										
July 4: Independence Day July 4-8: GISD administrative facilities closed							Aug. 1-5: Staff development Aug. 8: First day of class First grading period begins							Sept. 2: Staff development/ Student holiday Sept. 5: Labor Day							Oct. 7: First grading period ends Oct. 10-14: Fall Break Oct. 17: Second grading period begins												
NOVEMBER							DECEMBER							JANUARY							FEBRUARY												
						1	2	3	4	5																							
6	7	8	9	10	11	12									4	5	6	7	8	9	10	8	9	10	11	12	13	14					
13	14	15	16	17	18	19									11	12	13	14	15	16	17	15	16	17	18	19	20	21					
20	21	22	23	24	25	26									18	19	20	21	22	23	24	22	23	24	25	26	27	28					
27	28	29	30												25	26	27	28	29	30	31	29	30	31									
Nov. 8: Staff development/ Student holiday Nov. 21-25: Thanksgiving Break							Dec. 16: Student early dismissal/ Staff development Second grading period ends Dec. 19-30: Winter Break							JAN. 2: Winter Break Jan. 3-4: Staff development/ Student holiday Jan. 5: Third grading period begins Jan. 16: Martin Luther King Jr. Day							Feb. 20: Staff development/ Student holiday												
MARCH							APRIL							MAY							JUNE												
						1	2	3	4																								
5	6	7	8	9	10	11									2	3	4	5	6	7	8	7	8	9	10	11	12	13					
12	13	14	15	16	17	18									9	10	11	12	13	14	15	14	15	16	17	18	19	20					
19	20	21	22	23	24	25									16	17	18	19	20	21	22	21	22	23	24	25	26	27					
26	27	28	29	30	31										23	24	25	26	27	28	29	28	29	30	31								
March 10: Third grading period ends March 13-17: Spring Break March 20: Fourth grading period begins							April 7: Student/Staff holiday April 10: Staff development/ Student holiday							May 26: Last day of class Student early dismissal/ Staff development Fourth grading period ends May 29: Memorial Day May 30: Staff development																			

School hours

Full-day prekindergarten	8:10 a.m.-3:30 p.m.
Elementary school	8:10 a.m.-3:30 p.m.
Middle school	8:50 a.m.-4:10 p.m.
High school	7:30 a.m.-2:50 p.m.

Early dismissal times

Elementary school	1:25 p.m.
Middle school	2:05 p.m.
High school	12:40 p.m.

First semester: 82 days

- [] Grading periods
 - Aug. 8-Oct. 7 (43 days)
 - Oct. 17-Dec. 16 (39 days)

Second semester: 93 days

- [] Grading periods
 - Jan. 5-Mar. 10 (45 days)
 - Mar. 20-May. 26 (48 days)

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www.garlandisd.net

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ISSUE FOR CONSTRUCTION	2023.02.06
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ADDENDUM NO. 1	2023.03.23
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Garland Independent School District

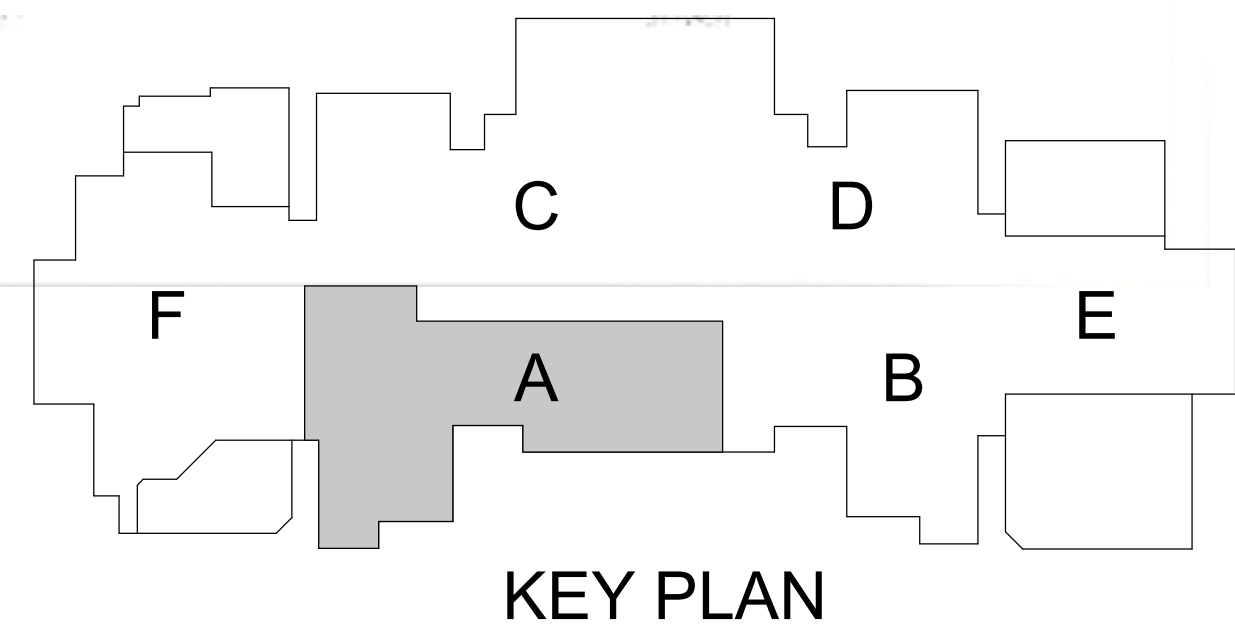
GARLAND ISD-HUDSON MS
SANITARY SEWER REVISIONS
4405 HUDSON DR. SACHSE, TX 75048

FLOOR PLAN - AREA
A - PLUMBING

NO.: 22112.00
OWN BY: MD
CHECKED BY: NH

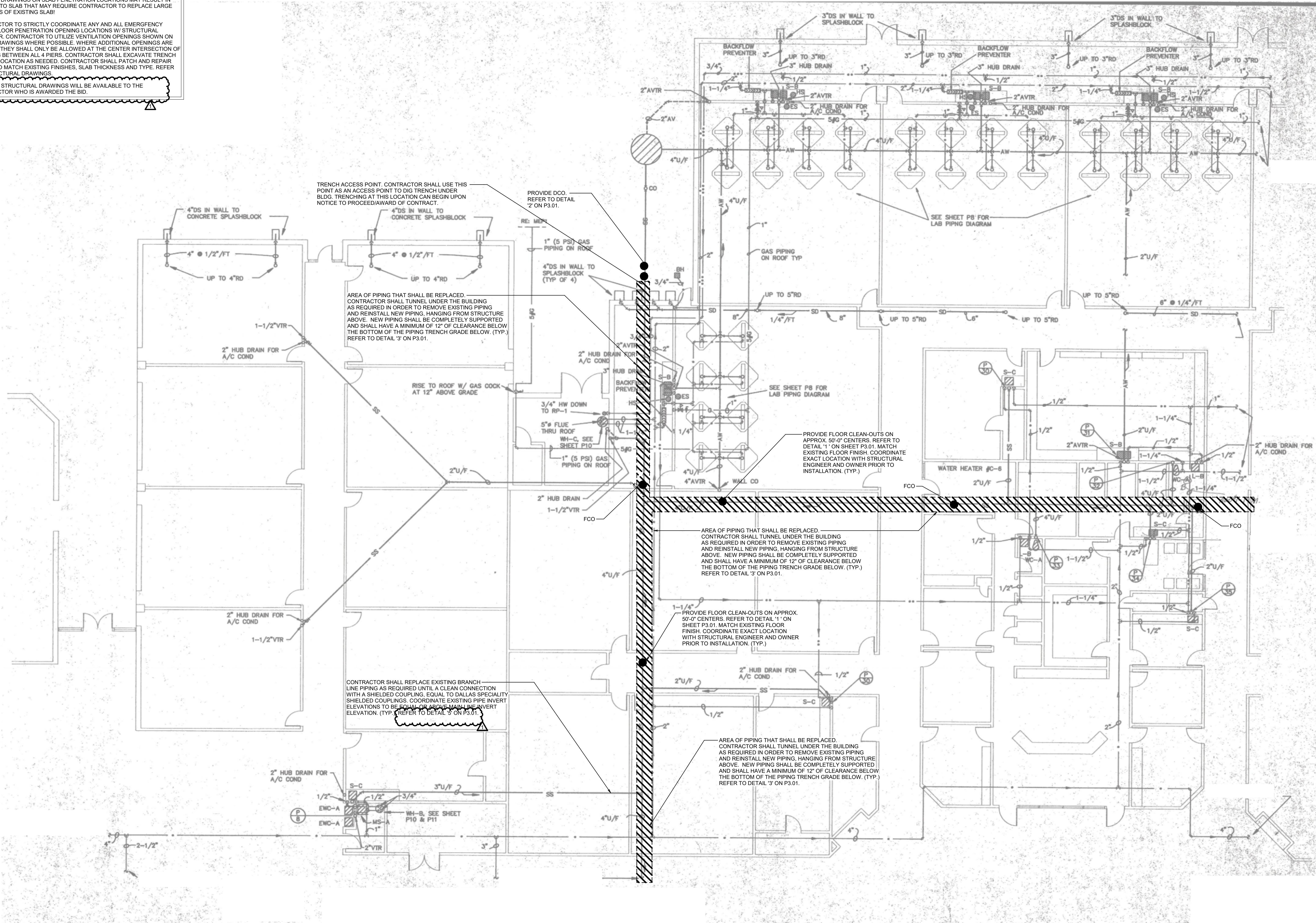
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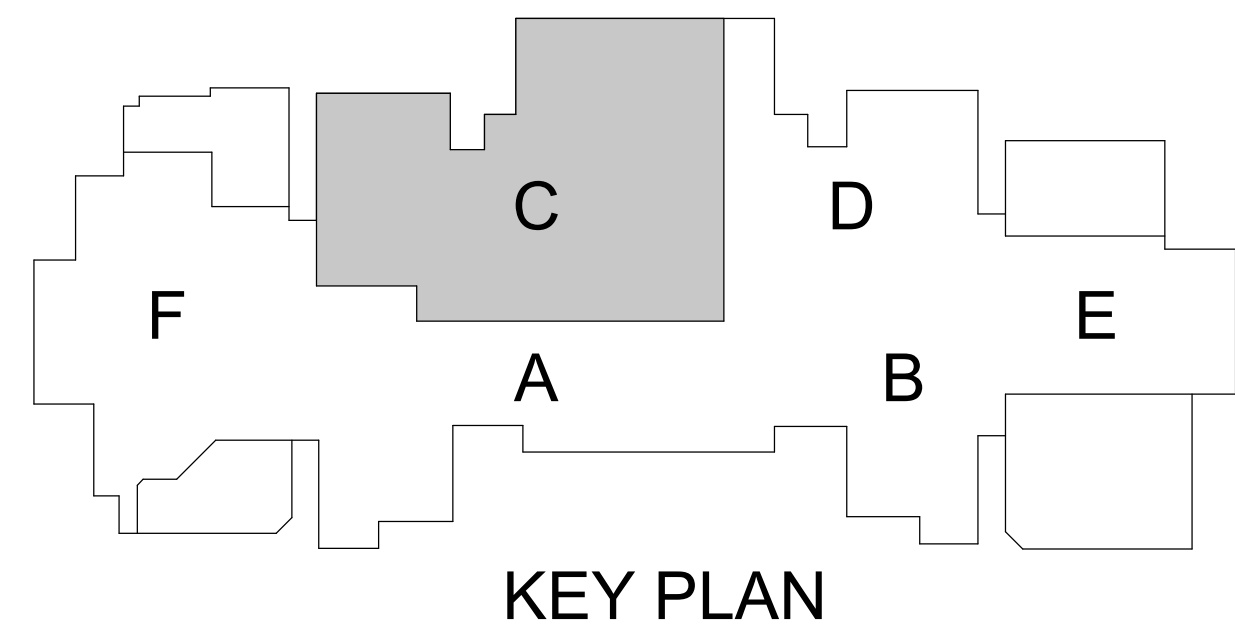


GENERAL NOTES

1. WARNING! EXISTING BUILDING SLAB IS A STRUCTURALLY SUSPENDED SLAB ON PIERS. ANY DEVIATION FROM DIRECTION IN STRUCTURAL DRAWINGS AND MPE DRAWINGS ON SLAB PENETRATION LOCATIONS MAY RESULT IN DAMAGE TO SLAB THAT MAY REQUIRE CONTRACTOR TO REPLACE LARGE PORTIONS OF EXISTING SLAB!
2. CONTRACTOR TO STRICTLY COORDINATE ANY AND ALL EMERGENCY RELIEF FLOOR PENETRATION OPENING LOCATIONS W/ STRUCTURAL ENGINEER. CONTRACTOR TO UTILIZE VENTILATION OPENINGS SHOWN ON MECH. DRAWINGS WHERE POSSIBLE. WHERE ADDITIONAL OPENINGS ARE NEEDED, THEY SHALL ONLY BE ALLOWED AT THE CENTER INTERSECTION OF THE SLAB BETWEEN ALL 4 PIERS. CONTRACTOR SHALL EXCAVATE TRENCH TO THIS LOCATION AS NEEDED. CONTRACTOR SHALL PATCH AND REPAIR FLOOR TO MATCH EXISTING FINISHES, SLAB THICKNESS AND TYPE. REFER TO STRUCTURAL DRAWINGS.
3. EXISTING STRUCTURAL DRAWINGS WILL BE AVAILABLE TO THE CONTRACTOR WHO IS AWARDED THE BID.



PLAN NORTH TRUE NORTH
1 FLOOR PLAN - AREA C - PLUMBING
SCALE: 1/8" = 1'-0"



02.06.2023

ISSUES

01 ISSUE FOR CONSTRUCTION 2023.02.06

REVISIONS

01 ADDENDUM NO. 1 2023.03.23



GARLAND ISD-HUDSON MS
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FLOOR PLAN - AREA C - PLUMBING

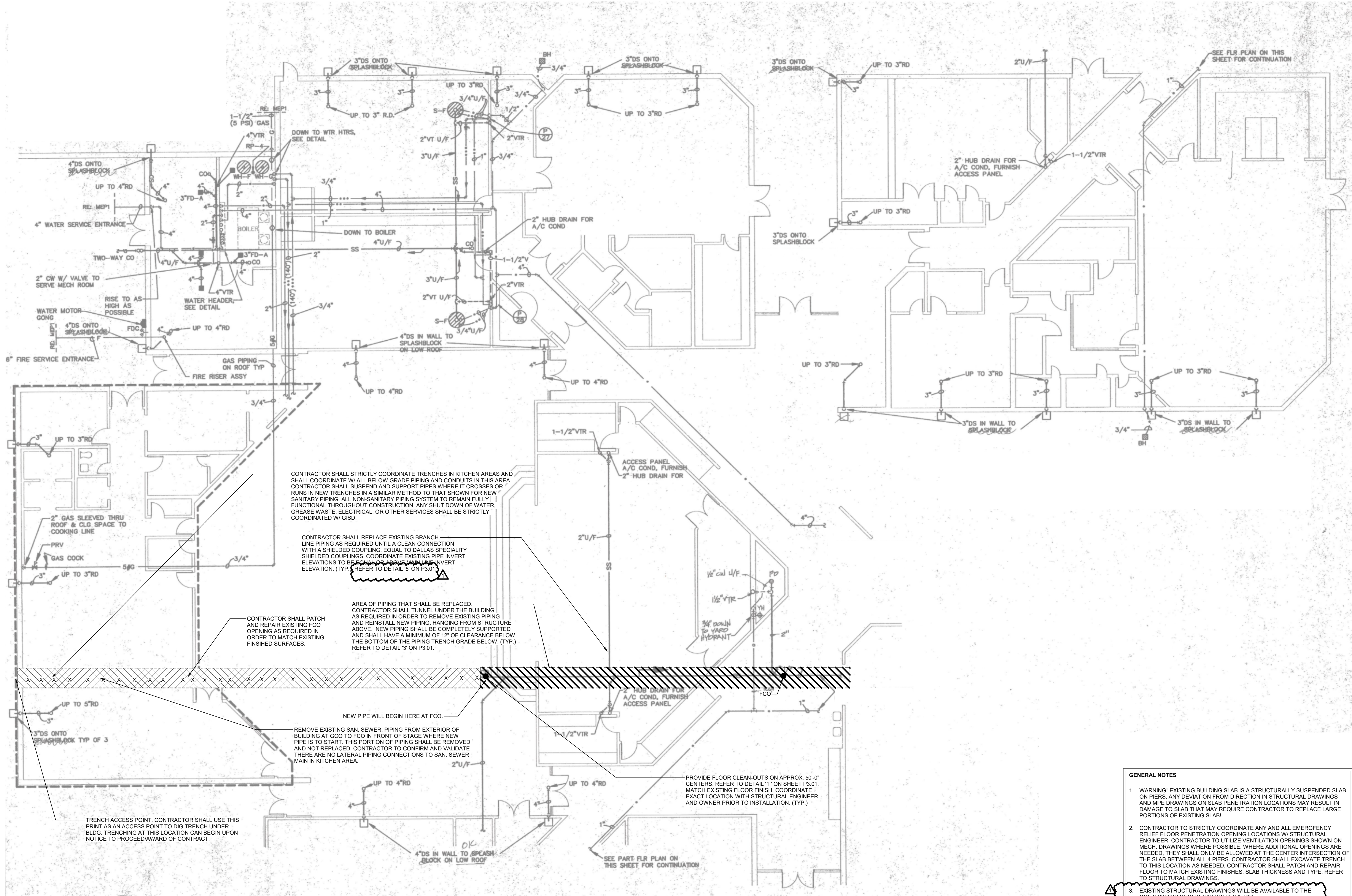
JOB NO.: 22112-00

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CHECKED BY: NH

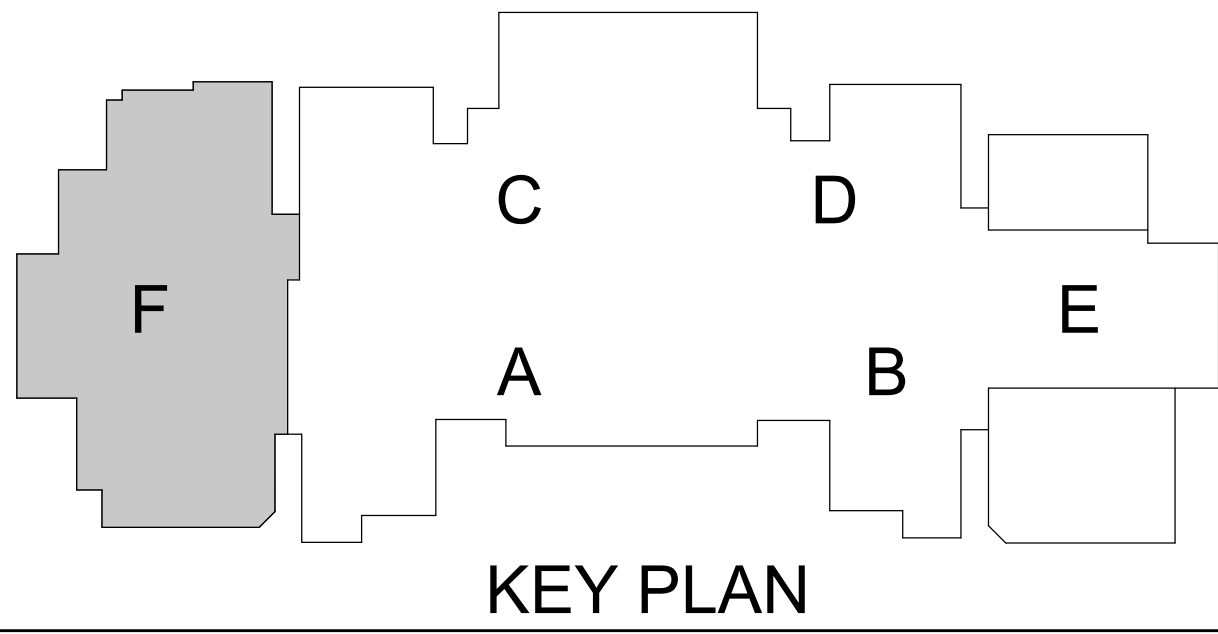
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P2.01



- GENERAL NOTES**
1. WARNING! EXISTING BUILDING SLAB IS A STRUCTURALLY SUSPENDED SLAB ON PIERS. ANY DEVIATION FROM DIRECTION IN STRUCTURAL DRAWINGS AND MPE DRAWINGS ON SLAB PENETRATION LOCATIONS MAY RESULT IN DAMAGE TO SLAB THAT MAY REQUIRE CONTRACTOR TO REPLACE LARGE PORTIONS OF EXISTING SLAB!
 2. CONTRACTOR TO STRICTLY COORDINATE ANY AND ALL EMERGENCY RELIEF FLOOR PENETRATION OPENING LOCATIONS W/ STRUCTURAL ENGINEER. CONTRACTOR TO UTILIZE VENTILATION OPENINGS SHOWN ON MECH. DRAWINGS WHERE POSSIBLE. WHERE ADDITIONAL OPENINGS ARE NEEDED, THEY SHALL ONLY BE ALLOWED AT THE CENTER INTERSECTION OF THE SLAB BETWEEN ALL 4 PIERS. CONTRACTOR SHALL EXCAVATE TRENCH TO THIS LOCATION AS NEEDED. CONTRACTOR SHALL PATCH AND REPAIR FLOOR TO MATCH EXISTING FINISHES, SLAB THICKNESS AND TYPE. REFER TO STRUCTURAL DRAWINGS.
 3. EXISTING STRUCTURAL DRAWINGS WILL BE AVAILABLE TO THE CONTRACTOR WHO IS AWARDED THE BID.

PLAN NORTH TRUE NORTH
1 FLOOR PLAN - AREA F - PLUMBING
SCALE: 1/8" = 1'-0"



02.06.2023

ISSUES

01	ISSUE FOR CONSTRUCTION	2023.02.06
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REVISIONS

01	ADDENDUM NO. 1	2023.03.23
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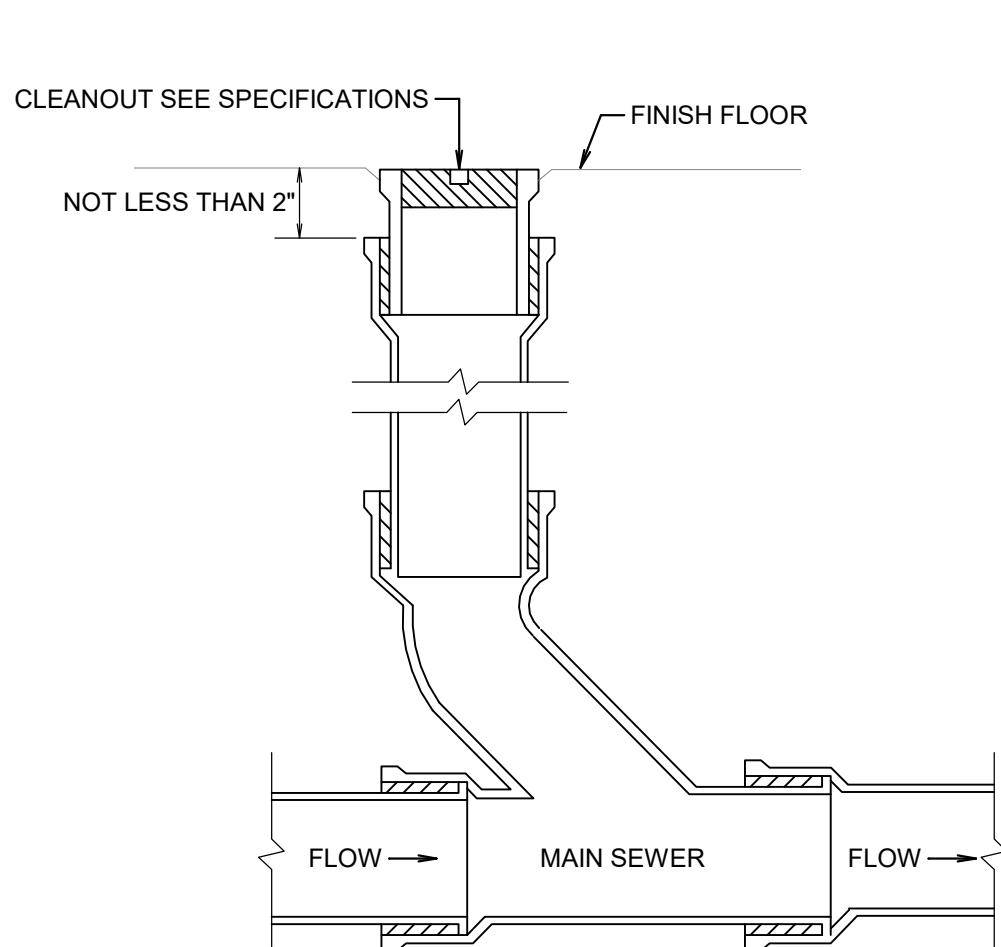
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SANITARY SEWER REVISIONS**
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FLOOR PLAN - AREA
F - PLUMBING

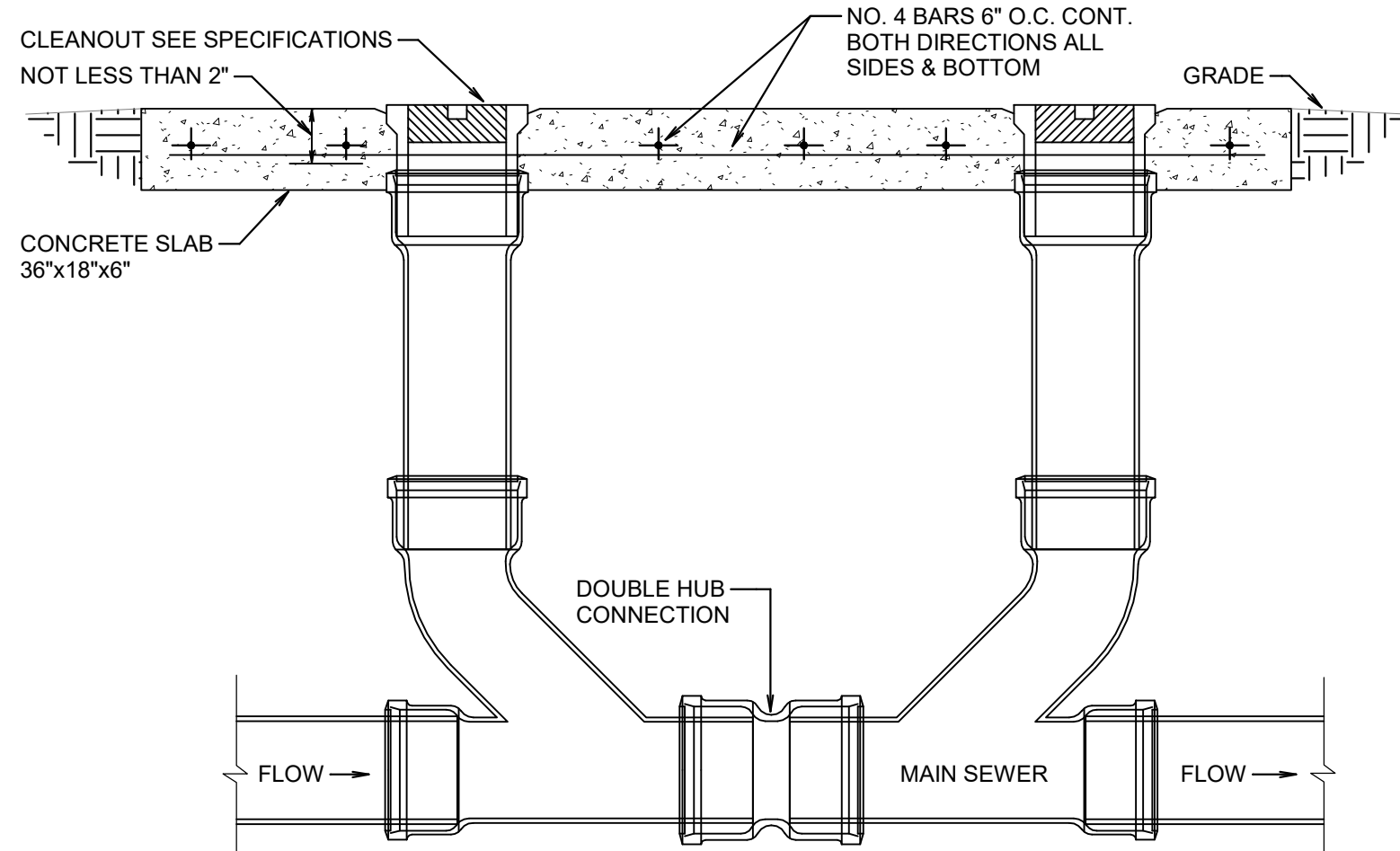
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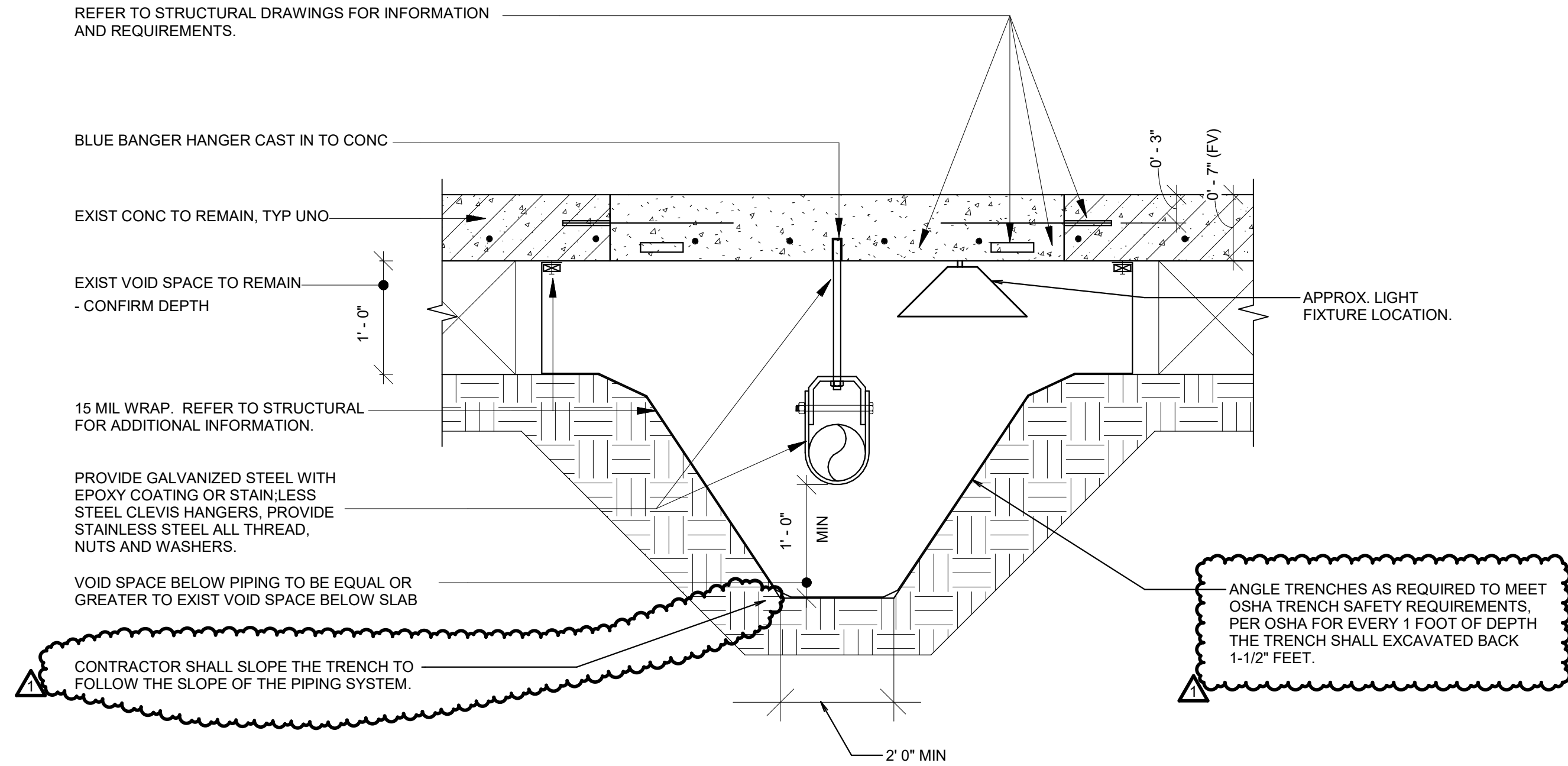
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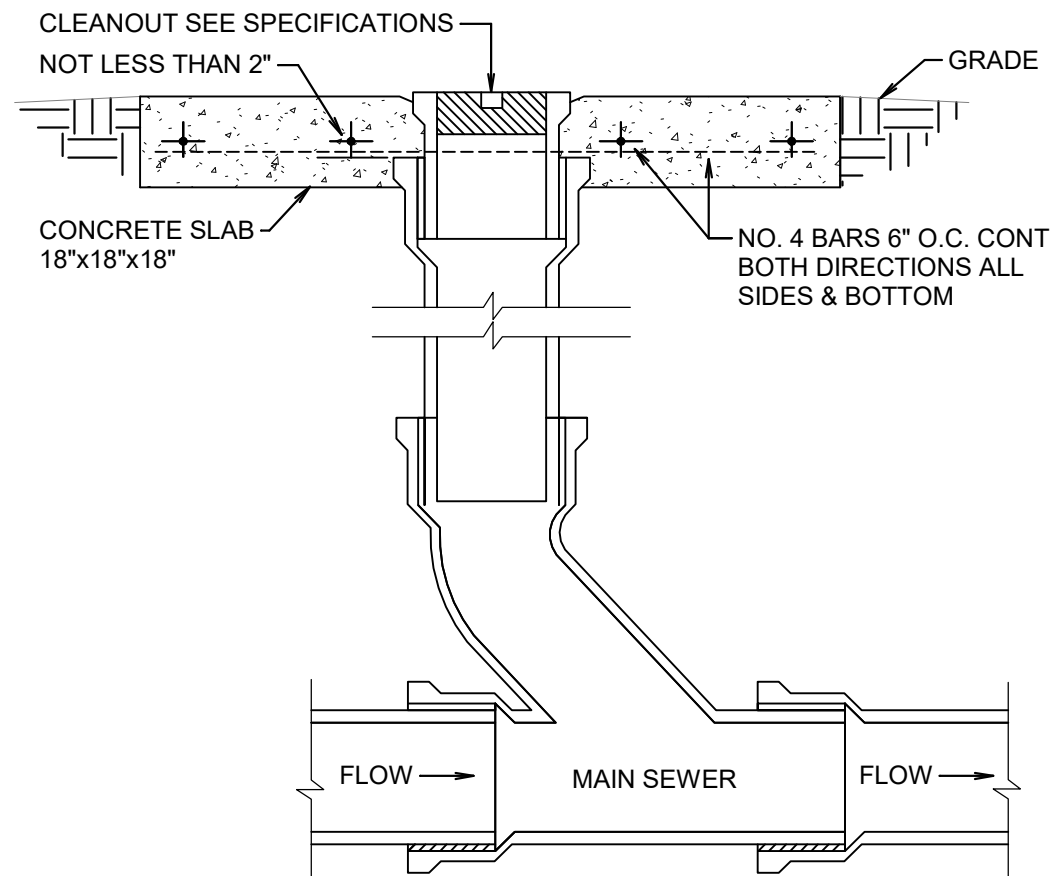
1 INTERIOR FLOOR CLEANOUT
NO SCALE



2 DOUBLE EXTERIOR CLEANOUT
NO SCALE



3 EXISTING FOUNDATION UNDERFLOOR PIPING/TRENCH DETAIL
NO SCALE



4 EXTERIOR CLEANOUT/GRADE CLEANOUT
NO SCALE

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	REPLACE/REWORK EXISTING PIPES
	EXISTING TO BE REMOVED
CO	CLEAN OUT
FCO	FLOOR CLEAN OUT
GCO	GRADE CLEAN OUT
DCO	DOUBLE CLEAN OUT
SS	SANITARY WASTE (SS)
NOTE: NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED	

GENERAL CRAWSPACE NOTE:

- SUSPEND ALL CONDUIT AND SANITARY SEWER PIPING AS HIGH AS POSSIBLE IN CRAWSPACE.
- MAINTAIN A MINIMUM SLOPE ON ALL DRAIN LINES OF 1/8" PER FOOT, UNLESS NOTED OTHERWISE.
- FOR DRAIN PIPING LOCATED IN CRAWL SPACES, SUSPEND PIPING AS HIGH AS POSSIBLE AND DO NOT DROP PIPING DOWN INTO THE GROUND AT THE FRONT OF THE BLDG UNTIL ABSOLUTELY REQUIRED TO MEET MINIMUM SLOPE REQUIREMENTS. OFFSET TO UNDERGROUND AT FRONT AS REQUIRED.
- CONTRACTOR SHALL BACK FILL ALL TRENCH OPENINGS (ASSUMED TO BE THREE LOCATIONS) WITH NATIVE SOILS WHERE ALL PIPES OR TRENCH OPENINGS PASS UNDER EXTERIOR GRADE BEAMS. NATIVE SOIL BACK FILL SHALL EXTEND TO 2'-0" ON EITHER SIDE OF THE GRADE BEAM. REFER TO THE GEOTECHNICAL REPORT FOR THE DEFINITION AND REQUIREMENTS FOR NATIVE SOIL. SOIL FULLY COVER WIDTH AND HEIGHT OF OPENING UNDER BLDG.

GENERAL PLUMBING DEMOLITION NOTES:

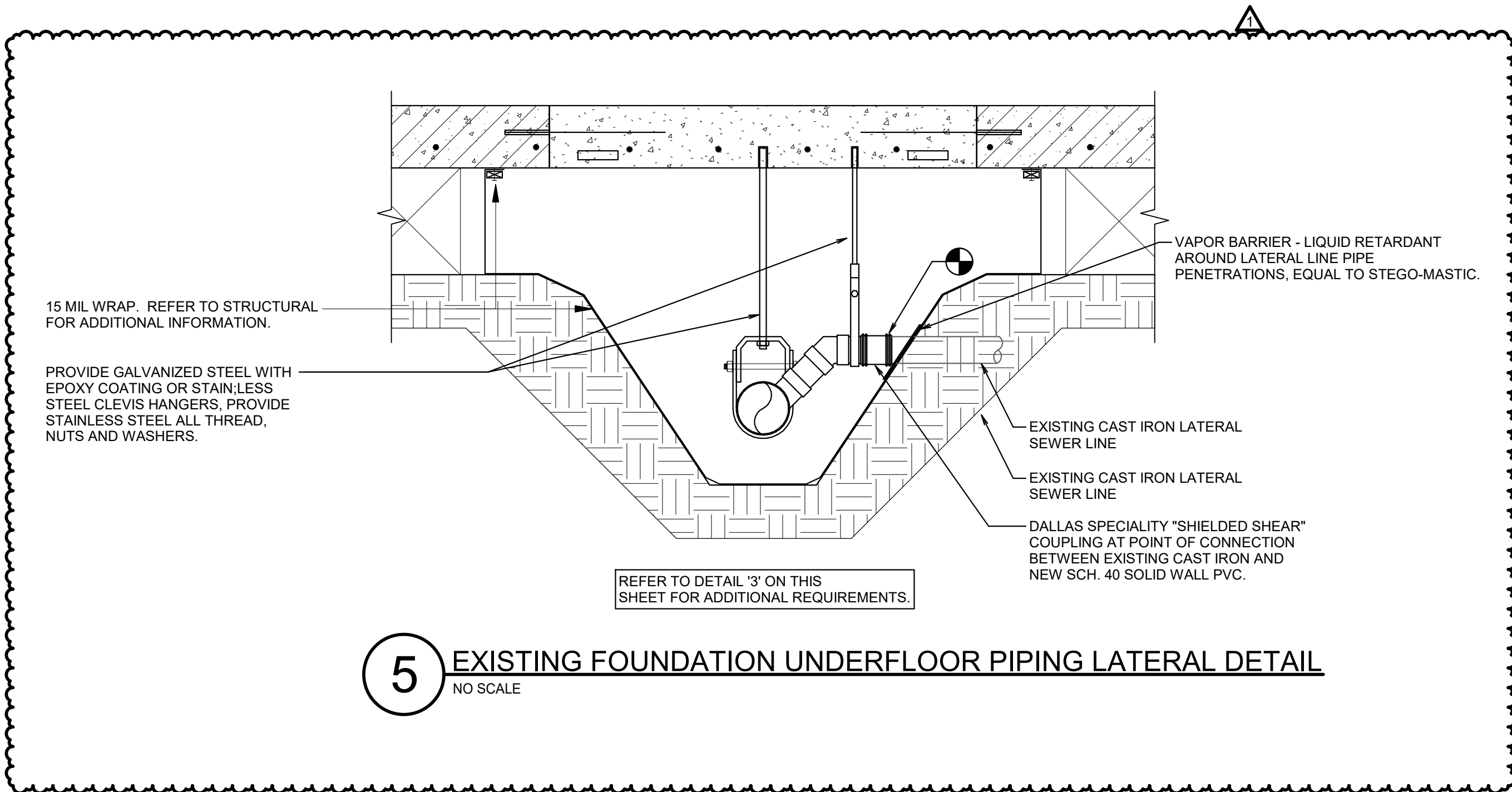
- THE INFORMATION SHOWN ON THE DEMOLITION DRAWINGS IS NOT TAKEN FROM "AS BUILT" DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE GENERAL AMOUNT OF WORK THAT WILL BE REQUIRED. CONTRACTOR SHALL EXAMINE THE EXISTING BUILDING, VERIFY THE GENERAL LOCATION OF ALL EXISTING WORK, AND BECOME INFORMED AS TO THE RELATION TO AND IMPACT ON THE WORK REQUIRED. SUBMISSION OF A BID WILL CONSTITUTE EVIDENCE THAT THE CONTRACTOR HAS INSPECTED THE SITE IN THE FASHION NOTED ABOVE.
- COORDINATE DEMOLITION WORK WITH BUILDING MAINTENANCE PERSONNEL AND OTHER TRADES PERFORMING WORK IN THE BUILDING PRIOR TO THE REMOVAL OF ANY ITEMS OF EQUIPMENT OR SYSTEMS THAT SHALL AFFECT OTHER SYSTEMS WITHIN THE LIMITS OF NEW CONSTRUCTION OR OTHER AREAS OF THE EXISTING BUILDING.
- WORK SHOWN ON THE DEMOLITION DRAWINGS DOES NOT ACCURATELY REFLECT ALL OF THE EXISTING CONDITIONS OR THE COMPLETE SCOPE OF THE DEMOLITION WORK. THIS WORK SHALL BE BASED ON THE DEMOLITION DRAWINGS, EXISTING DRAWINGS MADE AVAILABLE TO THE CONTRACTOR AND FIEL
- THE DRAWINGS ONLY REFLECT KNOWN AREAS OF DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE COMPLETE SCOPE OF THE DEMOLITION WORK.
- CONTRACTOR SHALL TRACE ALL PIPING BACK TO MAIN RISERS AND/OR SUPPLIES, AND VERIFY THAT PIPING DOES NOT SERVE ANY OTHER FIXTURES TO REMAIN. CONTRACTOR SHALL OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO REMOVAL OF PIPING TO BE DEMOLISHED.
- FLUSH AND CLEAN ALL EXISTING FLOOR DRAIN AND RELATED DRAIN PIPING AS NEEDED DURING CONSTRUCTION, AND AT THE COMPLETION OF THE PROJECT, TO PREVENT BLOCKAGE OF THE DRAINS WITH CONSTRUCTION DIRT, TRASH AND DEBRIS.
- CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, FLOORS AND CEILINGS TO MATCH EXISTING FINISHES OR PROPOSED NEW FINISHES, AS APPLICABLE, AND AS NECESSARY WHICH ARE AFFECTED BY THE REMOVAL AND/OR REWORK OF PLUMBING FIXTURES AND PIPING.

GENERAL PLUMBING NOTES:VIDEO SCOPING:

- AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL VIDEO SCOPE THE SANITARY SEWER MAINS AND PROVIDE COPIES OF VIDEO SCOPE TO THE OWNER AND ENGINEER.
- REPORTS SHALL BE WITH THE O&M MANUALS AS PART OF THE FINAL CLOSE OUT DOCUMENTS.

GENERAL PLUMBING NOTES:

- ALL DIMENSIONS AND FIELD CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE. THE LOCATION OF ALL NEW PIPING, FIXTURES, EQUIPMENT, LOCATIONS, SIZES, SCALES, AND DIMENSIONS SHALL BE CHECKED AND VERIFIED ON SITE.
- CONTRACTOR SHALL LAY OUT THEIR WORK BASED ON ACTUAL FIELD MEASUREMENTS AND ACTUAL DIMENSIONS OF EQUIPMENT AND FIXTURES INSTALLED. ALL PIPING AND EQUIPMENT OF ALL TRADES SHALL BE PROPERLY COORDINATED AND SET IN PLACE TO MAINTAIN REQUIRED SERVICE CLEARANCES. ALL INSTALLATIONS SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT.
- CONTRACTOR SHALL CHANGE THE LOCATION OF NEW PIPING, WHERE REQUIRED, TO MEET FIELD CONDITIONS.
- CONTRACTOR SHALL SUBMIT COMPLETE PRODUCT DATA ALONG WITH SHOP DRAWINGS. PREPARE AND SUBMIT 1/4" = 1'-0" SCALE PLUMBING PIPING SHOP DRAWINGS. CONTRACTOR SHALL FULLY COORDINATE ALL PIPING SHOP DRAWINGS WITH SHEET METAL SHOP DRAWINGS AND WITH THE WORK OF ALL OTHER TRADES. PRIOR TO SUBMITTAL SHOP DRAWINGS SHALL BE CHECKED FOR OBSTRUCTIONS AND INTERFERENCES, ETC. FAILURE TO SUBMIT SHOP DRAWINGS IN A TIMELY MANNER AS REQUIRED TO KEEP PACE WITH THE CONSTRUCTION SCHEDULE MAY RESULT IN DELAYS, AND POSSIBLE STOPPAGE OF PAYMENT TO THE CONTRACTOR. ADDITIONALLY, NO WORK MAY PROCEED UNTIL SUCH SHOP DRAWINGS ARE SUBMITTED, REVIEWED, AND FOUND TO BE ACCEPTABLE BY THE ENGINEER.
- REFER TO STRUCTURAL ENGINEER'S PLANS FOR ANTICIPATED EXISTING LOCATION OF STRUCTURAL PEIRS, BEAMS, JOISTS AND OTHER STRUCTURAL ELEMENTS. MODIFY PIPE ROUTING AS REQUIRED TO AVOID CONFLICTS WHERE SUCH OCCURS.
- CONTRACTOR TO VALIDATE THE LOCATIONS OF ALL WALLS, PARTITIONS, CEILINGS, CEILING HEIGHTS, AND EQUIPMENT/FIXTURES IN BLDG IN SCOPE OF WORK AREA.
- VERIFY EXACT FLOW LINE ELEVATIONS OF EXISTING WASTE MAINS PRIOR TO MAKING ANY CONNECTIONS OR ROUTING NEW EXTERIOR PIPING.
- CONTRACTOR SHALL CONFIRM SCALE OF PLUMBING DRAWING TO VERIFY THE ACCURACY OF ALL TAKE-OFFS MADE DURING THE BIDDING PERIOD.
- ANY PIPE PENETRATIONS OF CEILINGS, WALLS OR FLOORS SHALL BE RESTORED TO THE EXISTING FIRE RATINGS. FLOOR, WALL AND CEILING PIPING PENETRATIONS SHALL BE PATCHED, SLEEVED, SEALED, AND BE PROVIDED WITH APPROPRIATE ESCUTCHEONS WHERE LOCATED IN FINISHED/EXPOSED SPACES.
- CLEAN-OUTS LOCATED BEHIND ACCESS PANELS SHALL BE CENTERED ON THE ACCESS DOOR AND SHALL BE IMMEDIATELY ACCESSIBLE FROM THE ACCESS DOOR.
- ACCESS DOORS OR ACCESS PANELS SHALL BE A MINIMUM OF 16"x18" WHERE MORE THAN ONE DEVICE IS SERVICED FROM THE ACCESS LOCATION THE PANEL SHALL BE A MINIMUM OF 24"x24".
- CONTRACTOR SHALL RUN ALL PLUMBING LINES AS HIGH AS POSSIBLE EXCEPT WHERE DIRECTED OTHERWISE.
- SUSPEND SANITARY SEWER, STORM DRAIN & DOMESTIC WATER PIPING AS HIGH AS POSSIBLE. MAINTAIN A MINIMUM SLOPE ON ALL DRAIN LINES OF 1/8" PER FOOT. FOR DRAIN PIPING LOCATED IN CRAWL SPACES, SUSPEND PIPING AS HIGH AS POSSIBLE AND DO NOT DROP PIPING DOWN INTO SOIL UNTIL PERIMETER OF BLDG. UNDER THESE CONDITIONS OFFSET PIPE AT A 45 DEGREE ANGLE TO DROP THE PIPE TO BELOW GRADE AND TO CLEAR THE PERIMETER GRADE BEAM AND THE HEIGHT OF ANY CARTON FORMS LOCATED BELOW THESE BEAMS.
- CONTRACTOR SHALL NOT DEVIATE FROM THE CONSTRUCTION DOCUMENTS. ANY DEVIATION SHALL RECEIVE WRITTEN ACCEPTANCE AND APPROVAL FROM THE OWNER AND ENGINEER IN ADVANCE OF SUCH WORK BEING PERFORMED. SUBMIT SUCH REQUESTS TO THE ENGINEER ALONG WITH THE APPROPRIATE MONETARY CREDIT, AS APPLICABLE. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS FOUND ON THE PROJECT THAT DID NOT RECEIVE A LETTER OF ACCEPTANCE AND APPROVAL FROM THE OWNER OR ENGINEER SHALL BE FULLY REPLACED AND SHALL BE MADE TO BE IN FULL COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS AT THE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, FLOORS AND CEILINGS AS NECESSARY THAT ARE AFFECTED BY THE CONNECTION TO EXISTING UTILITIES OR FOR TEMPORARY ACCESS HOLES IN THE EXISTING BUILDING FLOOR.
- FINAL SMOKE TEST: AT THE COMPLETION OF PROJECT WHERE NEW SANITARY SEWER PIPING IS INSTALLED AND/OR EXISTING SANITARY SEWER PIPING IS MODIFIED, THE ENTIRE SANITARY SEWER SYSTEM FOR THE FACILITY SHALL BE TESTED AS INDICATED BELOW. GISD CONSTRUCTION MANAGER SHALL BE NOTIFIED (2) DAYS IN ADVANCE OF WHEN THE TEST SHALL OCCUR. CONTRACTOR SHALL DOCUMENT TESTING PROCEDURES, START TIME AND TIME OF COMPLETION. THIS INFORMATION SHALL BE INCLUDED INTO THE O&M MANUALS AS PART OF THE FINAL CLOSE OUT DOCUMENTS.
 - PRODUCE SMOKE BY SMOKE MACHINE.
 - MAINTAIN PRESSURE EQUAL TO 1 INCH WATER COLUMN FOR 15 MINUTES BEFORE INSPECTION STARTS.
 - REPAIR LEAKS DISCOVERED DURING TEST.
 - REPEAT TEST UNTIL SYSTEM HOLD SMOKE FOR TEN (10) MINUTES WITHOUT SHOWING LEAKS.
- CONTRACTOR TO PROVIDE VIDEO CAMERA RECORDING OF ALL EXISTING SANITARY SEWER LINES BELOW GRADE AT THE CONCLUSION OF PROJECT. GISD MANAGER SHALL BE NOTIFIED (2) DAYS IN ADVANCE OF THIS PROCEDURE. CONTRACTOR SHALL PROVIDE RESULTS OF VIDEO CAMERA RECORDINGS WITH THE O&M MANUALS AS PART OF THE FINAL CLOSE OUT DOCUMENTS.



5 EXISTING FOUNDATION UNDERFLOOR PIPING LATERAL DETAIL
NO SCALE

02.06.2023

ISSUES

01 ISSUE FOR CONSTRUCTION 2023.02.06

REVISIONS

01 ADDENDUM NO. 1 2023.03.23