

SECTION 00 9113
ADDENDUM NUMBER 3

DATE: August 3, 2016

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated **July 1, 2016**, with amendments and additions noted below. Where addendum items below modify a portion of the Bid Documents, the remainder of the Bid Document remains unchanged.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM. FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

This addendum consists of 6 page(s), in addition to the following document(s):

- A. RFI Log, dated 8/3/2016 (3 pages).
- B. Site Walk-through sign in sheet (7/18/2016)
- C. Site Walk-through sign in sheet (7/25/2016)
- D. Section 11 4000 Food Service Equipment
- E. Sketches:
 - ADDSK-A-05 Stair #2 Keynotes
 - ADDSK-A-06 Typical Door Bulkhead Detail
 - ADD3-M1 Additional Chilled Beam Terminal Schedule
 - ADD3-M2 Screening 139 Smoke Damper Plan
 - ADD2-SK-P-01 Partial Basement Plumbing Removal Work
 - ADD2-SK-P-02 Partial Basement Plumbing Plan
 - ADD2-SK-P-03 Partial Third Floor Removal Plan
 - ADD2-SK-P-04 Partial Basement Removal Plan
 - ADD2-SK-P-05 Partial Basement removal Plan
 - ADD2-SK-P-06 Partial Basement Removal Plan
 - ADD2-SK-P-07 Partial Basement Removal Plan
 - ADD2-SK-P-08 Partial Basement Plumbing Plan
- F. Drawings:
 - C001 Site Demolition Plan – (Phase 2A Site Lawn Mowing Area outline)

CHANGES TO ADDENDUM NO. 2

- A. RFI Log line item numbers 20 and 21: Responses are reversed. See attached RFI log for revised responses.

CHANGES TO THE PROJECT MANUAL

00 0110 TABLE OF CONTENTS

- A. Change 27 5113.30 PUBLIC ADDRESS (PA) SYSTEM (COUND REINFORCEMENT) (MUSIC SUITE-BAND ROOM) to read:

"27 5113.30 PUBLIC ADDRESS (PA) SYSTEM (SOUND REINFORCEMENT) (MUSIC SUITE-BAND ROOM)"

- B. Change 04 5000 MASONRY REPAIR to read:
"04 5000 MASONRY RESTORATION AND CLEANING"
- C. Add the following Section:
"11 4000 FOOD SERVICE EQUIPMENT".

00 4323 ALTERNATES

- A. ALTERNATE NO. GC-06 – NEW DOORS AND CONTINUOUS HINGES: Replace Alternate description in its entirety with the following:

"A. Replace all existing interior wood doors, and their butt hinges, scheduled in the Door Schedule with new wood doors as specified in Section 08 1416 – Flush Wood Doors, and continuous hinges (Ives 224HD, 628 finish) as specified in Section 08 7100 – Door Hardware."

01 1200 – MULTIPLE CONTRACT SUMMARY

- A. Contract No. 100 – General Construction A. 1 page 12
Add Section 11 4000 Food Service Equipment (from Addendum No. 3)

01 1200 – MULTIPLE CONTRACT SUMMARY

Section 1.10 part A **Add** Note No. 66 on page 10 of this specifications section as follows:
"Any reference to Food Service Equipment Contractor in the project documents, refers to the General Trades Contractor's scope of work. The General Trades Contractor is responsible for all work found in Specifications Section 11 4000 - Food Service Equipment"

01 1200 – MULTIPLE CONTRACT SUMMARY

- B. Contract No. 400 – Plumbing D. 1 page 24
Add Section 08 3110 Access Doors (For Work of this Contract)

01 5000 – TEMPORARY FACILITIES AND CONTROLS

Temporary Facilities and Controls 01 50 00 3.2 B. Temporary Electric Service, Page 8.

Add the following to Note B. 1. Temporary Electric Service:
Exception, the HVAC Contractor shall be responsible for electric power for temporary heat (reference 01 1200 Multiple Contract Summary).

01 5000 – TEMPORARY FACILITIES AND CONTROLS

Temporary Facilities and Controls 01 50 00 3.2 E. Temporary Heating/Ventilation, Page 10.

Replace Note 3.2 E. 4. Temporary Heating/Ventilation with the following:
Specific areas requiring heat for performance of work above the 62 degrees provided by the HVAC Contractor shall be provided by the Prime Contractor requiring the heat.

01 1200 - MULTIPLE CONTRACT SUMMARY

- 2. Notes to General Construction (Contract No. 100), page 15

Add the following to paragraph ff., note ff. 5. and ff. 8.:

Exception: Each Prime Contractor shall furnish and install all interior lintels (steel angles, etc.) at masonry openings created by that Prime contractor. All lintels required are to be furnished and installed by the Prime Contractor providing the opening. Reference lintel schedule for types and details.

The General Contractor shall be furnished by the other Prime contractors their auxiliary embedded items including, but not limited to lintels, sleeves, access doors, etc. that intersects or requires incorporation within the General Trades new scope of work, (ie. New foundation walls, new masonry walls, new slabs, ceilings, etc.). The General contractor will install these items as detailed/noted or required.

01 1200 - MULTIPLE CONTRACT SUMMARY

- B. Contract No. 200 – Mechanical (HVAC) B. 1. Page 17.
Add Section 23 8216.11 Coils from (Addendum No. 1)

01 1200 - MULTIPLE CONTRACT SUMMARY

- D. Contract No. 400 – Plumbing (PC) D. 1. Page 25
Change Section 22 4700 WATER CLOSETS to read 22 4700 WATER COOLERS

01 1200 - MULTIPLE CONTRACT SUMMARY

- D. Contract No. 400 – Plumbing (PC) C. 1. Page 25
Add Section 22 0800 Commissioning Of Plumbing Systems

01 1200 - MULTIPLE CONTRACT SUMMARY

- C. Contract No. 300 – Electrical (EC) C. 1. Page 20.
Add Section 26 0800 Commissioning Of Electrical Systems

04 5000 – MASONRY RESTORATION AND CLEANING

- A. Change footer on each page of this Section to read
"MASONRY RESTORATION AND CLEANING"

08 7100 DOOR HARDWARE

- A. Add butt hinges to each hardware set scheduled for existing doors in US26D finish. Provide hinges in the same quantity, size, and screw pattern, as those on the existing door.

09 2500 GYPSUM BOARD

- A. Change article 2.5 A, paragraph 3 Impact Resistant Outside Corner Trim to read:
"4. Impact Resistant Outside Corner Trim

11 4000 FOOD SERVICE EQUIPMENT

- A. Add Section 11 4000 Food Service Equipment.

22 0553 IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT

- A. Part 2.1.A.3 – Delete " rivets or" from sentence.

22 1316 SANITARY WASTE AND VENT PIPING

- A. Parts 3.10.B.1 through G.1 – Replace “Service weight class, cast iron soil pipe with fittings; gaskets; and gasketed joints.” with “Service weight class, hub and spigot cast iron soil pipe and fittings; gaskets; and gasketed joints.”

22 1413 FACILITY STORM DRAINAGE PIPING

- A. Part 3.9.A and 3.9.B – Add: “3. Service weight class, hub and spigot cast iron soil pipe and fittings; gaskets; and gasketed joints.”
- B. Part 3.9.C.1 – Replace “ Service weight class, cast-iron soil piping and fittings; gaskets; and gasketed joints.” with “ Service weight class, hub and spigot cast iron soil pipe and fittings; gaskets; and gasketed joints.”
- C. Part 3.9.D.1 - Replace “Extra heavy class, cast-iron soil pipe and fittings; gaskets; and gasketed joints.” with “ Extra heavy class, hub and spigot cast iron soil pipe and fittings; gaskets; and gasketed joints.”

CHANGES TO THE DRAWINGS

A100 – NOTES

- A. General Demolition Note No. 13: Replace note in its entirety with the following:
“Remove wood sleeper floor system complete to expose concrete floor slab below. Remove resilient flooring, carpet, underlayments, and other finish floors applied over wood flooring. See LS-Series drawings for additional information.”.

A105 – BASEMENT PLAN

- A. Omit detail reference 3/FS101 and related note.

A306 – FIRST FLOOR CLASSROOMS ELEVATIONS

- B. Added detail of typical door bulkhead. Refer to sketch ADDSK-A-06.

A311 – SECOND FLOOR CLASSROOMS ELEVATIONS

- A. Add “D” elevation designation to elevation in lower left corner of sheet without a letter designation.

A504 – ENLARGED STAIR PLANS AND SECTIONS - STAGE

- A. Detail 3: Change drawing title to read as follows:
“ ENLARGED PLAN - BAND ROOM STAIR 12A – THIRD FLOOR (12B SIMILAR)” .
- B. Detail 4: Change drawing title to read as follows:
“ ENLARGED PLAN - BAND ROOM STAIR 12A – FOURTH FLOOR (12B SIMILAR)” .

M110 - QUADRANT A BASEMENT FLOOR PLAN - HVAC

- A. Drawing Note #6 - Clarification, the recalibration of the controls includes the cabinet heater and space sensor.

M113 - QUADRANT C BASEMENT FLOOR PLAN - HVAC

- A. Revise Drawing Note #12 to read, "Balance the existing pumps to the water flow rate provided by the engineer. As part of balancing, replace the impellers with full size factory (Taco) impellers. Provide new seal kits for the pumps."

M131 - QUADRANT B FIRST FLOOR PLAN - HVAC

- A. Add the additional smoke dampers to the supply and return ductwork systems feeding Screening Room 139 as indicated on the attached sketch ADD3-M02.

M132 - QUADRANT C FIRST FLOOR PLAN - HVAC

- A. Open 115 - Revise the heating branch lines feeding unit heaters UH-115A and UH-115B from 3/4" to 1 1/4".

M190 - FOURTH FLOOR PLAN - HVAC

- A. Band Room 400 - Clarification to the air balance scope. Balance the fourteen (14) 24x10 supply air registers to 360 cfm per register.

M601 - SCHEDULES - HVAC

- A. Add the additional chilled beam terminals as indicated on the attached sketch ADD3-M01.

P000 – LEGENDS, NOTES & SYMBOLOGY

- A. General notes "I" and "Z" have been removed.

PD101 – BASEMENT DEMOLITION PLAN

- A. Change and remove below slab storm and sanitary sewer piping locations at columns 21h and 21J. "Refer to Sketch ADD2–SK-P-04".

PD102 – BASEMENT DEMOLITION PLAN

- A. Change and remove below slab storm and sanitary sewer piping locations at columns 22H and 22J Add removal of existing sink and solids interceptor and accessible branch piping. "Refer to Sketch ADD2–SK-P-05".

PD102 – BASEMENT DEMOLITION PLAN

- A. Add removal of abandoned 1-1/2 inch domestic hot water recirculation branch piping below auditorium. "Refer to Sketch ADD2–SK-P-06".

PD103 – BASEMENT DEMOLITION PLAN

- A. Delete reference to removal of gas piping in corridor. Gas piping was previously removed in Phase 1. "Refer to Sketch ADD2–SK-P-01".

PD113 – FIRST FLOOR DEMOLITION PLAN

- A. Add removal of existing sink and solids interceptor and accessible branch piping. "Refer to Sketch ADD2–SK-P-03".

P101 – BASEMENT PLUMBING FLOOR PLAN

- A. Relocate new 5" storm piping from corridor area as previously shown to over classroom spaces. "Refer to Sketch ADD2–SK-P-02".

P101 – BASEMENT PLUMBING FLOOR PLAN

- A. Change and relocate below slab storm and sanitary sewer piping locations at columns 21h and 21J "Refer to Sketch ADD2–SK-P-08".

P102 – BASEMENT PLUMBING FLOOR PLAN

- A. Change and relocate below slab storm and sanitary sewer piping locations at columns 22h and 22J. "Refer to Sketch ADD2–SK-P-07".

P502 PLUMBING DETAILS

- A. detail 8; ADD the following Note to the Detail:
"Set the water booster pressure setpoint at the booster pump discharge to 70 psig (adjustable). Set inlet low pressure switch at 20 psig (adj.) The booster pump system shall start upon a drop in system water pressure, and shall regulate the speed of the pump(s) to maintain constant water pressure (setpoint) under variable flow conditions. The system shall stop upon detection of a no-flow condition. Refer to specification section 221123 for additional requirements."

E000 - GENERAL NOTES AND SYMBOLS LIST - ELECTRICAL

- A. For "smoke damper" symbol add symbol "SD" in a circle.

E130- QUADRANT A FIRST FLOOR PLAN ELECTRICAL LIGHTING

- A. Stair #2: Revise three (3) type LED1 fixtures to be LED11 fixtures.
- B. Conference room 149: Revise two (2) LED 11 fixtures to be LED 6 type.

E133- QUADRANT B FIRST FLOOR PLAN POWER AND SPECIAL SYSTEMS

- A. Room 139A: Add one (1) smoke damper on west wall over the double set of doors. Refer to sketch ADD3-M02 for exact location.
- B. Room 139: Add one (1) smoke damper nearest the south wall. Refer to sketch ADD3-M02 for exact location.

E136- QUADRANT D FIRST FLOOR PLAN ELECTRICAL LIGHTING

- A. Stair 1S-002: Revise three (3) type LED1 fixtures to be LED11 fixtures.

E176- QUADRANT D THIRD FLOOR PLAN ELECTRICAL LIGHTING

- A. Stair 3S-002: Add subscript "LED11" and "NL" to fixture on landing.

E601-SCHEDULES

- A. At Luminaire Schedule: LED 6 Revise make "KENAL" to be "KENALL"

END OF ADDENDUM NUMBER 3

RSMP Phase 2A
James Monroe High School
RFI LOG
8/3/16

Project Owner: Rochester City School District		Constr. Manager: Campus CMG		CJS Architects	Project No 1522
RFI #	Date Received	RFI SUBJECT	RFI REPSONSE		
20 Rev	07/25/16	Is GC Allowance No 4 intended to cover all costs associated with the CM Field Office as spelled out in Section 015000-11 Item 3.3D?	The allowances are for work above and beyond what is shown in the contract documents. Yes (Re: CM's field office allowance) Exceptions: Items listed as to be included in base bid in Section 015000 are not part of the allowance.		
21 Rev	07/25/16	Are the allowance as listed in the Section 004321 intended to be for all work on the project or for work above and beyond what is shown in the bid documents? All say for "additional" work, but want to make sure that we don't carry twice.	Yes (Re: CM's field office allowance) Exceptions: items listed as base bid are not part of the allowance. The allowances are for work above and beyond what is shown in the contract documents.		
28	07/27/16	Summary Multiple Contracts: 1.10.A.47 – Phase 1 struggled with dumpsters by each prime. 1. Can the dumpsters be assigned to GC or by allowance for use by all trades? 2. Where can we locate dumpsters on site adjacent to the building?	1. Refer to Specifications Section 011200 Multiple Contract Summary for all dumpster requirements. Info can be found on page 17 Note B. 2. Dumpster locations to be coordinated with the Construction Manager and the Owner during construction.		
29	07/27/16	Summary Multiple Contracts: 2.0.A.2.ff – Lintels: Lintels are mentioned in GC scope as provided by them for all masonry openings. Lintels are also mentioned as provided by the contractor requiring the opening. Is the HVAC contractor responsible for series of lintels required at HVAC masonry wall openings (duct & piping)?	Refer to Addendum #3 for clarification		
30	07/27/16	Summary Multiple Contracts: 1.10.A.50: Lintels 1. Please confirm the thickness of the corridor side masonry wall and the classroom side masonry wall so we can account for the proper number of required lintels for HVAC openings? 2. Please verify if lintels are required for the entire depth of the wall when cored openings through masonry walls are provided?	1. For bidding purposes assume 4" thick masonry wall on corridor side and 14" thick multiple wythe brick wall on classroom side. 2. Lintels are required at all cores, unless cores are less than 8" diameter and they are spaced such that 12" of masonry remains horizontally between adjacent cores.		
32	07/27/16	Summary Multiple Contracts 2.0.B.2.v – Temporary Heat: 1. Is the HVAC contractor responsible to heat the exterior of the building, limited by the temporary enclosures provided by others, for window installation or other exterior façade work? 2. Is the HVAC contractor responsible to heat the entire Monroe school including areas such as the boys gym, girl's gym, basement locker rooms, cafeteria, etc.? 3. Is the HVAC contractor responsible to heat school 15?	1. Mechanical/HVAC Contract is not responsible for temporary heat at the building exterior. Questions #2 & #3: See Addendum No. 2 - this work is in the Mechanical/HVAC Contract.		
33	07/27/16	Please confirm the required chair rail for refinishing is shown in entirety on the drawings. There seemed to be about 3x as much existing on the walls than depicted in the drawings for refinishing in the corridor. Also please confirm chair rail in classrooms is to be refinished as that existing chair rail was not shown on the drawings.	Existing chair rail within the corridor, including that at door alcoves, remaining after locker openings are created shall be stripped and finished as specified.		
35	07/27/16	Is a separate construction permit required for this phase of has one been already submitted for the entire project	A building permit has been secured for the project, but the Prime Contractors are required to secure any sub-permits in order to complete the work, at their own cost.		
36	07/27/16	Specification section 23 2010 – Hangers: 1. Are the specified upper hanger attachments acceptable for use in hanging ductwork & piping or are there structural load issues that require a custom designed & fabricated angle bracket with epoxy anchoring system? 2. In most classrooms where the plaster ceilings are adhered directly to the concrete rib beams, is there a need to remove the plaster ceiling to expose the concrete rib beams before an approved anchor is set? 3. Is a standard 3/8" or 1/2" drop in an acceptable upper hanger attachment to the existing structure? 4. On the 3rd floor especially, can we hang our duct, piping & equipment from the plaster ceilings or do we have to smash & remove the plaster ceiling at each hanger location to access the concrete structural beams that are approximately 14" above the plaster ceiling and install the upper hanger attachment to the structural concrete?	1. Refer to Mechanical Hanger Support Notes on S001 for hanger connection requirements and allowable MEP load requirements. The complete hanger system and connection method shall be designed, stamped and sealed by a NYS Professional Engineer in accordance with the design criteria stated, refer to Note 9. 2. Refer to Note 3 of the Mechanical Hanger Support Notes on S001. Local removal of the plaster is required. Removal of the existing composite metal deck is not required. 3. The basis of design anchor has been successfully installed in previous phases of the project. Equivalent anchors may be acceptable if the contractor's engineer's design indicates that the anchors are capable of supporting the required loads and the design meets the requirements stated on S001. 4. Hanging of duct, piping or equipment from the plaster is not permitted. All hangers shall be fastened directly to the existing concrete structural system. Refer to Note 7 of the Mechanical Hanger Support Notes on S001.		
37	07/27/16	• 017423 – Final Cleaning: o Clean to normal clean condition expected for a first class building cleaning and maintenance program. Comply with manufacturer's instructions for cleaning operations. Theory of sequence for two cleanings as follows: § After Punch list completion Please clarify that this section is stating that we should have the cost of the final cleaner clean twice instead of once included in our bid	There are to be two (2) full cleanings to be coordinated with the Construction Manager. One (1) cleaning is to take place on July 1, 2017, and one (1) cleaning is to take place after this date at a time of the Construction Manager's choosing.		

Project Owner: **Rochester City School District**

Constr. Manager: **Campus CMG**

CJS Architects

Project No 1522

RFI #	Date Received	RFI SUBJECT	RFI REPSONSE
38	07/27/16	Roofing work by HVAC: 1. What type of roofing system is the existing roof? 2. Detail 3/A120 Piping Roof penetration – is this detail provided by GC roofing scope or by HVAC roofing scope? 3. Detail 3/A120 Piping Roof penetration – Is this detail for HVAC refrigeration piping and control conduits? 4. Detail 2/A120 Piping Roof penetration Roof Vault – Does this detail apply to HVAC scope as it depicts a unit that does not meet the specified pipe portal in division 23? If so, we need a specification on this model. 5. Detail 2/A120 Piping Roof penetration Roof Vault – Is the roof vault flashing requirement provided by GC roofing scope or HVAC roofing scope? 6. Detail 4/A120 exhaust fan flashing – Is the exhaust fan flashing requirement provide by GC roofing scope or HVAC roofing scope? 7. Equipment and pipe support rails – Is the pipe support rail flashing requirement provided by GC roofing scope or HVAC roofing scope?	Question #1: Similar to that specified in Section 07 5360 - SBS Modified Bitumen Roofing. Question #2: See addendum #3 Question #3: Yes, provide the correct unit for the utilites it serves #4: Yes, see addendum #2. Question #5: This is in the HVAC contractor's scope. Question #6: This is in the HVAC contractor's scope. Question #7: This is in the HVAC contractor's scope.
39	07/27/16	Question 1: Who is responsible for removing sacrificial concrete layer for basement terrazzo patches? Question 2: Is there a typo in section 3.05-E-3? We believe this should read "grinding (24 grit through 200 grit) and honing (200 grit through 2000 grit) shall be via metal and/or resin bonded diamond abrasives specifically designed for stone, terrazzo and concrete repair."	Question #1: This is the General Contractor's work. See drawing D100 and Addendum #2 page 3. Question #2: See addendum #2.
41	07/27/16	Specification section 013523 – Safety Plan Coordinator: 1. Does the requirement for a full time safety coordinator mean that person is intended to be ON SITE 40 hrs./week? 2. Does the full time safety coordinator have to be present on site full time for both A-shift & B-shift operations?	Questions #1 & #2: See specifications section 013523 Project Safety Standards which includes the following language on page 9: "Contractors with a staff and crew of 20 or more on site (including subcontractors of all tiers) shall appoint a full time safety representative."
42	07/29/16	Please clarify the extent of lawn maintenance required under the general trade's contract. A site drawing detailing exact grass locations to maintain is best. Please advise.	See specifications section 011200 Multiple Contract Summary for lawn mowing requirements, as well as attached sketch CM-01 GC Mowing Area.
43	07/29/16	Please clarify the scope of work between alternate 6 and base bid pertaining to wood doors, frames and hardware. The door schedule indicates all doors are NEW, base bid indicates that existing doors shall receive new BUTT style hinges and alternate 6 indicates new doors will receive continuous hinges. Are flush wood doors base bid or an alternate, do all doors require continuous hinges per district standard and will the door, frame and hardware schedules be revised to reflect the outcome of this response, please advise.	See Addendum No 3 for clarification to base bid butt hinges and Alternate GC-06 description.
44	07/29/16	It appears the life safety drawings have captured demo work, new work and life safety work that can be confused by bidders solely bidding by discipline. A fair volume of work could be left uncoordinated by perspective bidders by this information being on the life safety plans and not on the respective series of pages it belongs. Please advise.	Life Safety drawings address generally all work as it relates to life satey and scopes of work with code compliance implications. Review all drawings of the bid set for a complete understanding of the work required.
45	07/29/16	The demo drawings indicate a large volume of door and frame demo, this does not appear to be coordinated with alternate 6, nor the base bid language, please advise which doors, frames are to be removed and replaced. Please advise.	D-series drawings show frames and /or door to be removed. A-Series drawings show new work. Not all removed doors are being replaced with new. Some existing to remain doors are fittied with new hardware.
46	07/29/16	New gypsum bulkheads in classrooms and corridors do not specifically indicate there termination point at the returns, please dimension these and or provide a note that covers the intent of where to terminate by referencing an existing condition.	See Addendim No 3
49	08/01/16	We are reviewing the specs for the above captioned project on behalf of one of our clients hat will be submitting a bid for the HVAC package. In doing so, I noticed that the contractor is required to provide a Builders Risk policy in the amount of \$40,000,000. This seems highly unusual as their estimate will be in the neighborhood of \$300,000 - \$400,000. Is the specification correct or could this be a typographical error. Your response and clarification would be greatly appreciated.	Only the General Contracor is to provide Builder's Risk insurance. This is indicated on the bid form as well.
51	08/01/16	Will phase 02 General Contractor be required to provide CM field office?	Yes

Project Owner: **Rochester City School District**

Constr. Manager: **Campus CMG**

CJS Architects

Project No 1522

RFI #	Date Received	RFI SUBJECT	RFI REPPONSE
52	08/01/16	Will phase 02 General Contractor be required to provide payment for the CM trailer's electrical usage? 015000 3.2 B indicated the EC contract while 3.3 D indicates General Contractor.	Yes the General Contractor will pay for the electrical usage via an allowance.
54	08/01/16	Please provide copy of construction managers current CPM schedule for phase 1	The milestone schedule in the documents is all that will be provided at this time.
55	08/01/16	Will the phase one contractor clean and restore the following items ; art work, doors, auditorium murals, artwork and stage curtains prior to temporary protection installed by the phase two general contractor.	Yes, the timing of which is to be coordinated with the Construction Manager.






Rochester Joint School Construction Board
RCSD Monroe High School Phase 2a
Pre-bid Meeting
July 18, 2016; 10:00 am

Sign – In Sheet

Name	Attended	Organization	Phone	E-mail
Tom Murphy		Campus CMG		tmurphy@campuscmg.com
Gary Huffman		Campus CMG		
Charles Brown	X	Campus CMG	233-8003	cbrown@campuscmg.com
Allison Thomson	X	Campus CMG		athomson@campuscmg.com
Rob Skeele	✓	Gilbane / Savin		rskeele@gilbaneco.com
Mike Ellison	✓	CJS Architects		mellison@cjsarchitects.com
Scott Anderson Jeanne Hargren		Anderson Granite & Marble Restoration LLC	585-454-9747	andersongranitemarble@gmail.com "
Brian Langlois		Leo J Roth Corp.	(585) 872-0220	blanglois@leojroth.com
JOE WHITE		AAE CONTRACTING	(585) 527-8000	joe.white@aae-contracting.com
David Vasciannie		Steve General Cont	926-9789	dave@stevegc.com
J. BATEMAN	✓	MSH		Jared@MSHCO.com
FRED KIMMEL		JTM SM LLC	727 1705	fkimmel@kimmelco.com
CHRIS ADAMS		JTMSM	1037-6687	CADAMS@KIMMELCO.COM
DARREN PIETERS		PA16	228-5590	dpieters@meengineering.com
Michael Streete		The Pike Co.	(585) 271-5236	STREME@PIKECO.COM
Nick Cruden	✓	MJ ENGINEERING	(518) 371-0799	ncruden@mjels.com
Kevin Welch		Pike Co.	(585) 241-0488	welck@pikeco.com
JESUS Crawford		Montanosa	716 512 2789	JESUS@MONTANOSA.COM
Todd Dowling	✓	PATTERSON STEVENS	716 873-5300	TODDLING@PATTERSONSTEVENS.COM
MICHAEL SMOLEN		WATTS-AE	716 206 5130	mismolen@WATTS-AE.COM
LIZ STEVENS	X			
John Werner	X			



**Rochester Joint School Construction Board
 RCSD Monroe High School Phase 2a
 Pre-bid Meeting
 July 25, 2016; 10:00 am**

Sign – In Sheet

Name	Attended	Organization	Phone	E-mail
Tom Murphy	X	Campus CMG		tmurphy@campuscmg.com
Gary Huffman		Campus CMG		
Charles Brown	X	Campus CMG	233-8003	cbrown@campuscmg.com
Allison Thomson	X	Campus CMG		athomson@campuscmg.com
Rob Skeele	✓	Gilbane / Savin		rskeele@gilbaneco.com
Mike Ellison	✓	CJS Architects		mellison@cjsarchitects.com
MAT Pertierra	✓	M.J. ENGINEERS	578-371-0795	mpertierra@mjels.com
Bill Zink	✓	AAC	527-8000	billzink@aac-contracting.com
Tim Jorg	✓	ARIA	716 440 8405	
Kevin Galley	✓	ARIA	716 548-6227	KJGalley@hotmail.com
Jared Bateman	X	MSH		
RON SPEICHER	X	DANFORTH	924-7030	
Ryan Bergman	X	Danforth	924-7030	R.Bergman@JD.Danforth.com
John Dexter	X	Pike Company	241-0990	dextie@pikeco.com
Chris Hartmann	X	Danforth	924-7030	CHartmann@JD.Danforth.com
FA. MCCONNELL	X	M/E		
PAUL SERTAWA	X	MCE	716 290-1914	P.sertawa@markconcrete.com
MJ Naberhaus	X	bill.tyler	585 224-1111	m.naberhaus@bill.tyler-electric.com
NICOLAI KURCZEWSKI	X	WATTS A&E	(716) 206-5182	nkurczewski@watts-a-e.com
Mike Bull	X	Mark Concrete	716 282-5244	mbull@markconcrete.com
Scott Anderson + Jeanne Hansen	X	Anderson Granite & Marble Extraction	585-454-9747	andersongranitemarble.com
Kevin Perri	X	Rock ENV	585-340-6799	Kevin@rockenv.com
Thomas Resser	X	Rock ENV	" "	TOM@rockenv.com

**DIVISION 11
SECTION 114000
ADDENDUM NUMBER 3**

TABLE OF CONTENTS

SPECIFIC CONDITIONS	SECTION & PAGE NUMBER
PART 1 - GENERAL	114000-2
PART 2 - PRODUCTS	114000-11
PART 3 - EXECUTION	114000-12
PART 4 - EQUIPMENT	114000-13
EQUIPMENT SCHEDULE	114000-14
BID QUOTATION SUMMARY	114000-15
EQUIPMENT SPECIFICATIONS	114000-41 through 114000-16
ALTERNATE MANUFACTURER LIST	114000-17

SECTION 114000 - FOODSERVICE EQUIPMENT

PART 1 – GENERAL

This document was prepared to inform of the specific information and requirements. If there is anything in this document that is in conflict with the documents provided by the Architect the architects documents shall prevail. Please review these requirements carefully. From this point forward the Food Service Contractor (as noted though out this specification) will be a sub-contractor to the General Contractor.

1.1 RELATED DOCUMENTS:

- A. General provisions of the contract, including General Conditions, Supplementary Conditions and General Documents, other Division I specification Documents and other Division I specification sections apply under this section.

1.2 SCOPE OF WORK:

- A. Furnish all labor, materials and services necessary for the provision (furnish and install) of food service equipment to achieve the highest level of quality throughout and in strict accordance with the Contract Documents and local codes including that which is reasonably inferred. No extra charge will be allowed for that which the Food Service Equipment Contractor should have been familiar.
- B. Supervise and provide required instructions for work to be performed by other contractors in connection with requirements for all equipment under this section in order to achieve complete and operable equipment and systems to satisfy equipment manufacturers recommendations.
- C. Within the scope of this work the Foodservice Equipment Contractor needs to provide and install any and all options and/or accessories incidental to the installation of the equipment to allow it to perform its desired function and conform to the manufacturer's recommendations for the installation.

1.3 RELATED WORK SPECIFIED ELSEWHERE:

- A. All electric services and components including wiring to and final connections to all equipment except as specified herein: Division 26 - Electrical.
- B. Grounding type receptacles for all wall mounted outlets to be used for plug-in equipment: Division 26 - Electrical.

1.4 REGULATIONS:

- A. All work and materials shall be in accordance with the latest rules and/or regulations of agencies/ authorities having jurisdiction. All regulations, including building codes, and other codes applying to this jurisdiction should be followed. In addition all equipment shall comply with the following:
1. National Electric Manufacturer's Association, (N.E.M.A.).
 2. Underwriter's Laboratories Inc. (U.L.), must bear label.
 3. National Electric code, (N.E.C.).
 4. National Sanitation Foundation, (N.S.F.), must bear label.
 5. American Society of Mechanical Engineers must carry the (A.S.M.E.) stamp.
 6. American Gas Association (A.G.A.).
 7. State and Local Health Department Requirements.
- B. The regulations shall govern whenever the Contract Documents require something which will violate the regulations.
- C. No extra charge will be paid for furnishing items required by the regulations, but not specified and/or shown on the drawings.
- D. Rulings and interpretations of the enforcing agencies shall be considered a part of the regulations.
- E. The Food Service Equipment Contractor is responsible to maintain the accuracy of equipment drawings and cut books to reflect as built conditions due to equipment deletions, manufacturer and/or model number changes and unanticipated changes to site conditions. It will be the Food Service Equipment Contractor's sole responsibility to notify the Health Department having jurisdiction of all revisions until the project is issued its Certificate of Occupancy.

1.5 ALTERNATES:

- A. Alternates must be equal in all respects to the base equipment specified. Alternate must state the manufacturer, model number and include illustration, specifications, capacities and operational data.
- B. If alternates require different building conditions, electrical, plumbing, ventilation, etc., from those specified, a complete list of those changes for each item shall be included. If no changes are required, a statement to that effect shall be included. The costs for such changes requested after the bid due date shall be the responsibility of the Food Service Equipment Contractor.

- C. Alternates submitted after the bid due date will not be considered. Acceptance or rejection of alternates will be at the discretion of the Owner and/or Designer.
- D. The above requirements are waived for alternates requested in the equipment specifications. If an alternate is selected, include the alternate and the requirements for the alternate in all submittals.
- E. When alternates are listed in the item specifications and the primary manufacturer is unable to provide the item(s) specified (i.e. bankruptcy), the F.S.E. Contractor shall provide the equipment from an alternate manufacturer for the same price as originally proposed in the schedule of values (equipment schedule).

1.6 REVIEW OF CONTRACT DOCUMENTS:

- A. Unless expressly stipulated, and in a timely manner, no additional allowances will be made for Contractors or Manufacturers for errors, omissions or ambiguities not reported at time of bidding.
- B. Carefully review and compare the Contract Documents and at once report to Owner and/or Designer any errors, ambiguities, inconsistencies or omissions. Unless expressly stipulated, and in a timely manner, Food Service Equipment Contractor shall be liable to Owner or Designer for any damage resulting from such errors, inconsistencies or omissions in the Contract Documents. Work shall not be done without approved Drawings, Specifications and/or Modifications and without receiving prior written authorization from Owner or Designer.
- C. Where discrepancies are discovered between the drawings and the specifications, regarding quality or quantity, the higher quality or the greater quantity is to be included in the Bid Proposal.
- D. Foodservice Equipment Contractors responsible for verifying and coordinating all items provided in this Section, with the drawings, specifications, manufacturer's requirements, submittals, actual site conditions, adjacent items and associated (Sub-) Contractors; to assure that there are no discrepancies or conflicts. This is to include, but not limited to, quantities, dimensions, clearances required, direction of operation, door swings, utilities, fabrication details and methods, installation requirements, etc.
- E. All accessory items listed in the itemized specifications section are the responsibility of the foodservice equipment contractor.

1.7 WARRANTY:

- A. All equipment, fixtures and materials furnished and installed shall be guaranteed against defect in workmanship and material. All repairs and replacements which may have become apparent and necessary by reasons of such defects, during the first year after final acceptance of equipment installation, shall be made without cost and expense to the Owner. All such repairs and replacements shall be made at a time and during hours satisfactory to the Owner.
- B. For all commercially manufactured equipment that has a refrigeration system and semi-hermetic compressors, furnish an additional four (4) year warranty on all compressors.
- C. Warranty period shall commence with final acceptance of installation by Owner, but not earlier than project completion date of substantial completion.
- D. Components of equipment subject to replacement prior to one year use and those items which may fail due to improper or inadequate periodic maintenance by the Owner/Operator are not intended to be included within the scope of the warranty.
- E. Provide all labor, material, refrigerant, and incidental expenses to maintain the temperatures specified on all refrigeration systems. Systems to be kept in first class working condition for a period of one (1) year from date of acceptance by Owner, or the date systems are put into operation, whichever occurs first, without additional cost to the Owner.
- F. Equipment that fails to perform will be removed and replaced with items of equal value at no expense to the Owner. Work required to replace equipment that has failed to perform will be completed at the convenience of the Owner.

1.8 SUBMITTALS:

- A. Pre-Requisite to Submittals
 - 1. F.S.E. Contractor shall submit catalogue cut for review of the equipment.

1.9 DISCREPANCIES:

- A. Where discrepancies are discovered between the drawings and the specifications, regarding quality or quantity, the higher quality or the greater quantity is to be included in the Bid Proposal.
- B. Contractor is responsible for verifying and coordinating all items provided in this Section, with the specifications, manufacturer's requirements, submittals, actual site conditions, adjacent items, and associated (Sub-) Contractors; to assure that there are no discrepancies or conflicts. This is to include, but not be limited to, quantities, dimensions, clearances required, direction of operation, door swings, utilities, fabrication details and methods, installation requirements, etc.
- C. Contractor to notify the Architect, in writing, of any discrepancies discovered; and await written clarification prior to proceeding with the items or areas in question.
- D. Submittal Content
 - 1. Complete submission including hard copies of cut books, covering all food service equipment items should be submitted as one (1) package for review and approval. No electronic submittals will be accepted.
 - 2. The Consultant requires only two copies of each submittal. We will return one copy of marked submittals.
 - 3. Substitutions must be approved in writing by the Architect and/or Owner prior to utilization in this contract. A copy of the approval must be included with any submittals by the Food Service Equipment Contractor.
 - 4. FSE Contractor's use of any Design Team's AutoCad contract drawings for basis of producing their submittal drawings, is with the following conditions and understanding:
 - i. FSE Contractor assumes total liability and responsibility for accuracy, and for conformance and verification with the latest Architectural and Engineering drawings, actual filed conditions and all equipment provided.
 - ii. FSE Contractor Sub-Contractors as required.
 - iii. Submittals to have FSE Contractor's title block and information
 - iv. Quality of Submittals

5. Submittals are to be of high quality, reflecting a high degree of accuracy and consistent with the specifications and drawings. The Foodservice Equipment Contractor will review shop drawings from specified manufacturers to confirm that their drawings reflect the consultants intent prior to submitting these for the Consultant's review. The drawings will be returned without review if the drawings do not reflect the Consultant's intent.

E. Submittal Routing

1. The Food Service Equipment Contractor will confirm submittal routing requirements with the General Contractor or Construction Manager.

F. Manufacturer's specifications sheets.

1. Shop drawings are required to represent equipment assemblies consisting of multiple buy-out units (stacked combination oven/steamers, for example) that include stacking/mounting kits. Submitting cutsheets of individual components that don't represent the complete assembly is not acceptable.
2. After award of contract and before proceeding with the purchase of manufactured equipment, submit two (2) bound sets each sets should be 3 hold punched (No GBC or VELO Binding). The set will consist of:
 - i. Hard Cover
 - ii. Title Sheet
 - iii. Index of all items with columns for: Item number, quantity, description and status (fabricated, manufactured, Existing, "Future", by Owner/Operator, by Vendor, by General Contractor, etc.)
 - iv. A typewritten lead sheet for each equipment item (including all new, existing, future and by Owner/Operator/Vendor items) showing: Item number; quantity; description; manufacturer's name, address and telephone; model number; optional finishes, equipment, accessories and modifications; utilities required and special notes. (See Figure 1). Incomplete lead sheets will be rejected.
 - v. Manufacturer's specification sheets.
3. Submittals not in the above format will be returned for resubmittal.

NOTE: FSEC relying on cut book services are not relinquished of any responsibility for reviewing accuracy of submission and fit of equipment.

BROCHURE LEAD SHEET (typical information required)	
ITEM NO: _____	QUANTITY: _____
DESCRIPTION: _____	
MANUFACTURER: _____	
MODEL NUMBER: _____	
SERVICES;	
ELECTRIC: _____ VOLTS, _____ PHASE, _____ WATTS, _____ KW _____ AMPS	
NEMA PLUG CONFIGURATION: _____	
PLUMBING: _____ NPT (HW) _____ NPT (CW) _____ I.W., _____ WASTE	
STEAM: _____, (INLET) _____ (CR), _____ PSI	
GAS: _____ BTU, (NATURAL) (LP)	
ACCESSORIES, ATTACHMENTS OR REMARKS:	
1. _____	
2. _____	
3. _____	
4. _____	

Figure 1

- 4. Standard of Measurement. Submittals will conform to the standard of measurement in the country where the project is located. All submittals for projects in the U.S. will reflect U.S. measurement (feet/inches). Inches are to be represented in fractions not decimals.

G. Incomplete/Inaccurate Submittals

- 1. Submittals that do not satisfy the requirements noted above will be returned for re-submittal at the expense of the Food Service Equipment Contractor.

H. Checking:

1. Checking product data, by Designer is for design concept only, and does not relieve the Food Service Equipment Contractor of responsibility for compliance with Contract Documents, verification of utilities with equipment requirements for conformity and location, verification of all dimensions of equipment and building conditions or reasonable adjustments due to deviations.
2. Submittals and checking shall be accomplished before ordering equipment or starting fabrication.

I. Mailing and Distribution:

1. After checking, distribute cutbooks and drawings (up to ten sets) as directed by the Owner.

J. Response to Inspection List:

1. FSEC shall respond to the inspection list prepared by the Consultant within five (5) working days from receipt by either initiating corrective action to the items noted or by submitting a written report addressing the disputed items.

1.10 PARTS AND SERVICE MANUALS:

A. Furnish two (2) bound sets of parts and service manuals.

1. The manuals shall include a source directory for parts and service for all items.
2. The manuals shall be submitted in time to allow review and transmittal to the Owner/Operator prior to start-up and demonstration of the equipment. Manuals must be submitted before the Owner will issue final acceptance of the installation.

1.11 VERIFICATION AND COORDINATION OF PROJECT/DATA:

A. Quietness of Operation

- B. Quietness of operation of all food service and refrigeration equipment is a requirement. Remove or repair any equipment producing objectionable noise.

C. Delivery and Entry

Verify all conditions at the building prior to submitting your proposal. In particular, verify door openings, passageways, elevator sizes, etc. to avoid delivering items too large for entry. Where items of equipment specified are too large to fit into the building in one piece and there is no alternative but to manufacture the items of equipment in multiple pieces and assemble them on site, the additional cost of these changes is to be reflected in the Foodservice Equipment Contractor's proposal.

Coordinate with the General Contractor necessary access to insure delivery of equipment to the required areas. Coordination shall include, but not be limited to, early delivery, hoisting, window removal and/or delay of wall construction. The costs of manufacturing foodservice equipment in multiple pieces, field work necessary to assemble equipment made up of multiple units, handling charges, window removal, etc. shall be borne by the Food Service Equipment Contractor.

D. Connection Terminals

All equipment will be complete with standard connections as they relate to their Country of Origin. It shall be the responsibility of the Food Service Equipment Contractor to provide any and all required adaptors to assure the proper connection to the conditions at the job site.

E. Site Verification

Notify Designer, Owner and the General Contractor in writing if, in the Food Service Equipment Contractor's opinion the job site is not adequate to insure proper installation of the equipment. Notification shall be in writing with sufficient time to effect corrective measures to meet the installation schedule.

PART 2 - PRODUCTS

2.1 COMMERCIALLY MANUFACTURED EQUIPMENT:

- A. All items of standard equipment shall be the latest model at time of delivery.
- B. Manufacturer's directions shall be followed in cases where the manufacturers of articles used in this contract furnish directions or prints covering points not shown on the drawings or specifications.
- D. Refrigerated Items
 - 1. All refrigerated fixtures are to be provided with a flush mounted exterior dial thermometer.
 - 2. All refrigeration Systems to be provided with 5 year compressor warranty and
 - 3. 1 year service agreement.
 - 4. Doors on refrigerated fixtures are to be provided with cylinder door locks unless specified with a alternate locking devise.

2.2 ELECTRICAL WORK:

- A. Insure that all equipment furnished under this contract shall be so wired, wound or constructed as to conform with the characteristics of electrical and other services at the premises.
- B. Appliances shall be new, of manufacturer's current production and furnished complete with motors drive mechanism, starters and controllers, including master switches, timers, cut-outs, reversing mechanism and other electrical equipment if and as applicable. Wiring and connection diagrams shall be furnished with electrically operated machines and for all fabricated equipment.
- C. All switches, controls, etc., shall be conspicuously labeled as to use with phenolic plastic name plates screwed to adjacent surfaces, with white recessed lettering on black background. Submit a sample to the Designer for approval.
- D. Food Service Equipment Contractor to coordinate electrical interconnections, completed by Division 26 - Electrical, at field joints on equipment assembled at the job site.

PART 3 - EXECUTION

3.1 DELIVERY AND INSTALLATION:

- A. Delivery
 - 1. The equipment shall be delivered and installed on schedule. Coordinate all work with the General Contractor and other divisions as required.
 - 2. Extra charges resulting from special handling or shipment shall be paid by the Food Service Equipment Contractor if insufficient time was allowed in placing factory orders to ensure normal shipment.

- B. The work shall be accomplished so as not to delay the project construction schedule, interfere or conflict with the work being performed by other contractors. Work shall be coordinated and integrated to prevent conflict of work necessitating changes to work already completed. Should conflicts occur, notify the Owner for his coordination in its resolution.

- C. Verify all required field dimensions before fabrication.

- D. Include all alternations to walls, floors and ceiling necessary for work, except otherwise shown or specified, accomplished in a manner satisfactory to the Architect and the Designer. Holes through structural beams shall be prohibited unless written approval has been granted by the Architect.

- E. Repair all damage to the premises as a result of this installation.

- F. Remove daily all debris from the site related to this installation.

- G. During delivery and installation, protect all equipment from abuse with materials (cardboard, masonite, bubble wrap, foam, etc) suited to the task. To obtain final approval, equipment needs to be provided free of "dings and dents".

3.2 START-UP & DEMONSTRATION:

- A. All equipment under this section shall be cleaned and ready for operation at time prior to District & DOH inspection and building turned over to the Owner.
- B. Provide a factory authorized service representative to be present when installation is put into operation. He shall lubricate and put into proper operation all equipment and instruct the Owner's employees in the proper use and maintenance of all items in this contract and set up a maintenance schedule to be followed thereafter. Three (3) copies of the schedule shall be provided before final acceptance of the installation.
- C. At the completion of the start - up procedure, the Food Service Equipment Contractor will provide documentation to the Owner which is prepared by the service agent indicating that the equipment was put into operation per the manufacturer's recommendations.
- D. During start-up provide all required instruction for operation and maintenance of equipment, after one year guarantee period.

3.3 MAINTENANCE SCHEDULE:

- A. Provide final operation warranty and service inspections thirty (30) days before warranty expiration. Any service or repair requirements shall be performed before the end of the warranty period.
- B. Copies of all warranty service calls and inspection reports shall be mailed to the Owner and building operations engineer.
- C. The Owner may call an outside company at the expense of the Food Service Equipment Contractor, if the Food Service Equipment Contractor does not arrive within four (4) hours of the time called in response to an emergency call.

PART 4 - EQUIPMENT

4.1 REGULAR MANUFACTURED EQUIPMENT:

- A. Provide equipment with standard finishes and accessories unless specifically deleted or superseded by the contract documents.

4.2 FABRICATED EQUIPMENT:

- A. Provide arrangement and configuration as shown on plans, elevations and standard detail drawings.

4.3 FOODSERVICE EQUIPMENT SCHEDULE:

		FIRM: _____			
		—			
ITEM #	QTY	DESCRIPTION	STATUS	UNIT PRICE	TOTAL PRICE
2.01	3	Reach-In Refrigerator	In Contract		

4.4 BID QUOTATION SUMMARY:

<u>Bid Quotation Summary</u>			
Subtotal Equipment			
Delivery			
Installation			
Grand Total			
Performance Bond			
Subtotal Equipment			
Delivery			
Installation			
Grand Total			
Performance Bond			
FSE Contractor to Furnish the names of Sub-Contractors:			
Stainless Steel Fabricator		N/A	
Millwork Fabricator		N/A	
Refrigeration Contractor			
We Acknowledge Addendum(s) _____, Dated _____			
the above bid is in Accordance with the Bid Documents, Except as Noted.			
The Undersigned Acknowledges That They Have Read and Understand the Instructions to Bidders, General Conditions and Specific Conditions and, If The Successful Bidder, Will Fully Comply With All Articles and Sections Contained Therein.			
	Firm		
	Signature		
	Print Name		
	Date		

4.5 FOODSERVICE EQUIPMENT SPECIFICATIONS:

ITEM NO 2.01 REACH IN REFRIGERATOR

Quantity Req'd.: 3
Manufacturer: HOWARD - McCRAY
Model No.: SR48-S
Status: In Contract

Unit to be constructed as follows: UL Classified to ANSI/NSF, Top mounted condensing unit, 5" heavy duty casters, Foamed in place CFC free foam, externally mounted digital display, Heavy duty edge mount hinges, Self-closing solid doors.

Interior to be Stainless Steel with 3 epoxy coated shelves per door complete with automatic interior lights activated when door is opened.

Exterior to be Stainless front, ends and doors. Doors to have locks and horizontal mounted handles complete with frame heaters.

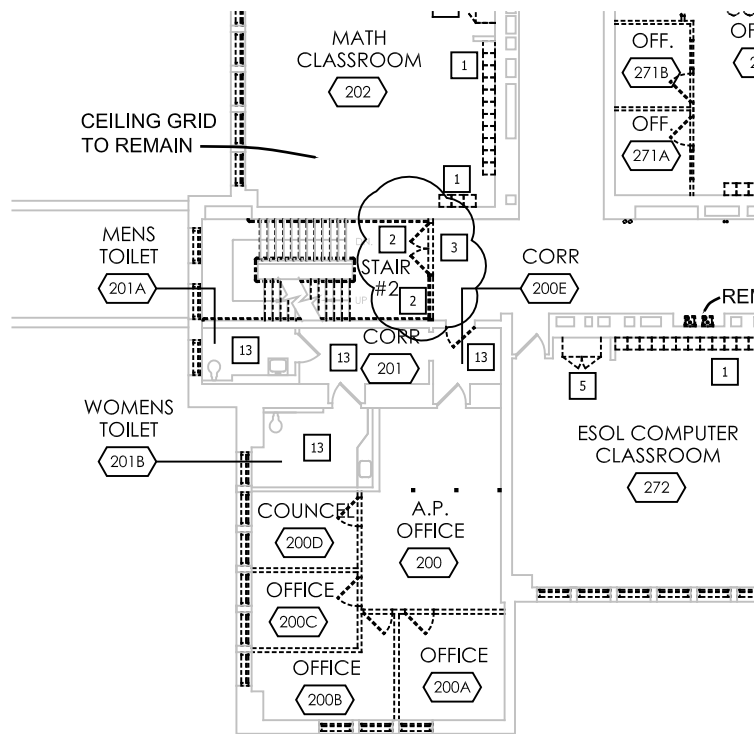
Refrigeration system to be 1/3 HP air cooled condensing unit and use R134A capillary tube system with electronic control regulators for even temperature. System complete with NEMA 5-15P and have total amp load of 9.6amps.

4.6 ALTERNATE MANUFACTURER LIST:

Item #	Qty	Description
2.01	3	Reach-In Refrigerator

Alternate Manufacturers	
<u>TRUE</u>	<u>Traulsen</u>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
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<hr/>	<hr/>
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- END OF SECTION 114000 -



1 SECOND FLOOR DEMOLITION PLAN
 D102 SCALE: 1" = 20'

DRAWING REFERENCE NUMBER(S): D102
DRAWING NUMBER: ADDSK-A-05
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

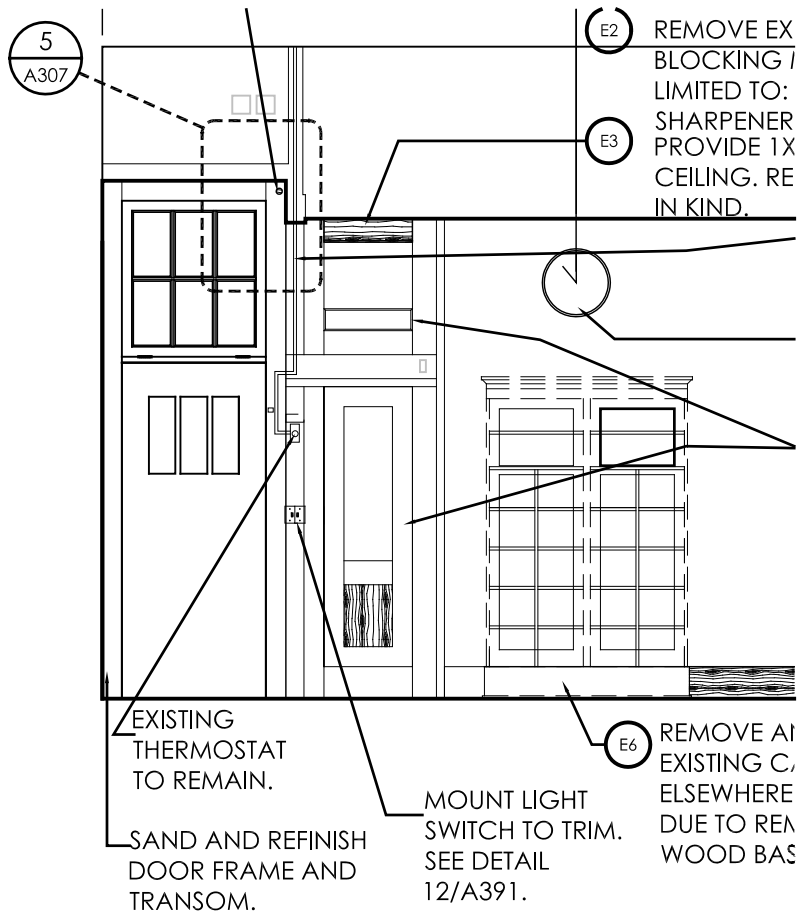
PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: STAIR #2 KEYNOTES				
PROJECT NO: 1522	DRAWN BY: ME	SCALE: AS NOTED	ISSUE DATE: 8/1/16	REVISION DATE: 8/1/16

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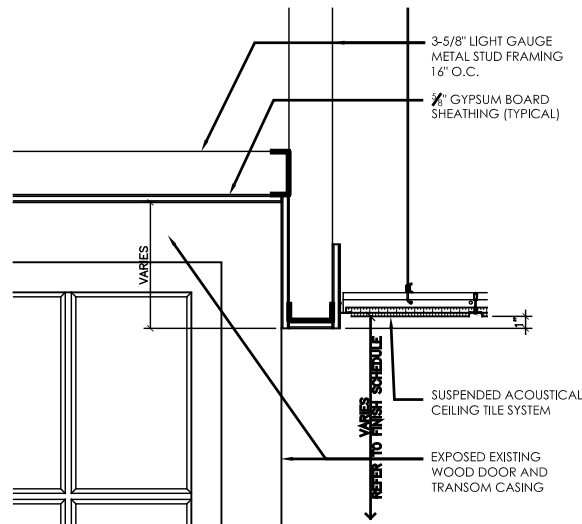
54 South Union Street
 Rochester, N.Y. 14607
 (585) 244.3780 tel.
 (585) 244.1294 fax.

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3 PARTIAL ELEVATION B
 SCALE: 3/4" = 1'-0"



5 TYPICAL DOOR BULKHEAD DETAIL
 SCALE: 3/4" = 1'-0"

DRAWING REFERENCE NUMBER(S): A306, A307
DRAWING NUMBER: ADDSK-A-06
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: TYPICAL DOOR BULKHEAD DETAIL				
PROJECT NO: 1522	DRAWN BY: ME	SCALE: AS NOTED	ISSUE DATE: 8/2/16	REVISION DATE: 8/2/16

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 (585) 244.3780 tel.
 (585) 244.1294 fax.

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CHILLED BEAM INDUCTION AIR TERMINAL UNIT - HW/CW

UNIT NO.	PRIMARY AIR CFM (PER BEAM)	TOTAL AIR CFM (PER BEAM)	INLET SP IN. WG.	COOLING COIL: 45 DEG F E.W.T.								HEATING COIL: 150 DEG F E.W.T.								THROW TERMINAL VELOCITY UNDER 100 FPM	ROOM SOUND (NC)	DESIGN EQUIPMENT			
				E.A.T.		L.A.T.		COIL SENS. MBH (PER BEAM)	COIL LATENT MBH (PER BEAM)	ROOM TOTAL MBH	LWT (PER BEAM)	GPM (PER BEAM)	P.D. FT HD (PER BEAM)	E.A.T.		L.A.T.		MBH (PER BEAM)	LWT				GPM (PER BEAM)	P.D. FT HD (PER BEAM)	ROOM TOTAL MBH
				DB	WB	DB	WB							DEG F	DEG F	DEG F	DEG F								
CB-1-1-45	90	250	0.4	75	64	56	54	3.3	1.3	7.5	54	1.00	0.30	70	114	6.1	140	1.50	1.8	6.1	16	18	NUCLIMATE MINI Q-38		
CB-1-3-70 THRU CB-1-3-74	90	250	0.4	75	64	56	54	4	2.2	45.3	49	3.00	2.40	70	114	6.1	140	1.50	1.8	31.0	16	18	NUCLIMATE MINI Q-38		
CB-1-3-75 THRU CB-1-3-79	90	250	0.4	75	64	56	54	4	2.2	45.3	49	3.00	2.40	70	114	6.1	140	1.50	1.8	31.0	16	18	NUCLIMATE MINI Q-38		
CB-1-3-80 THRU CB-1-3-85	130	340	0.4	75	64	53	51	3.9	1.3	55.7	55	1.00	2.00	70	104	5.8	139	1.50	1.6	35.0	22	27	NUCLIMATE QLS 38-2		

COMMENTS FOR ALL UNITS

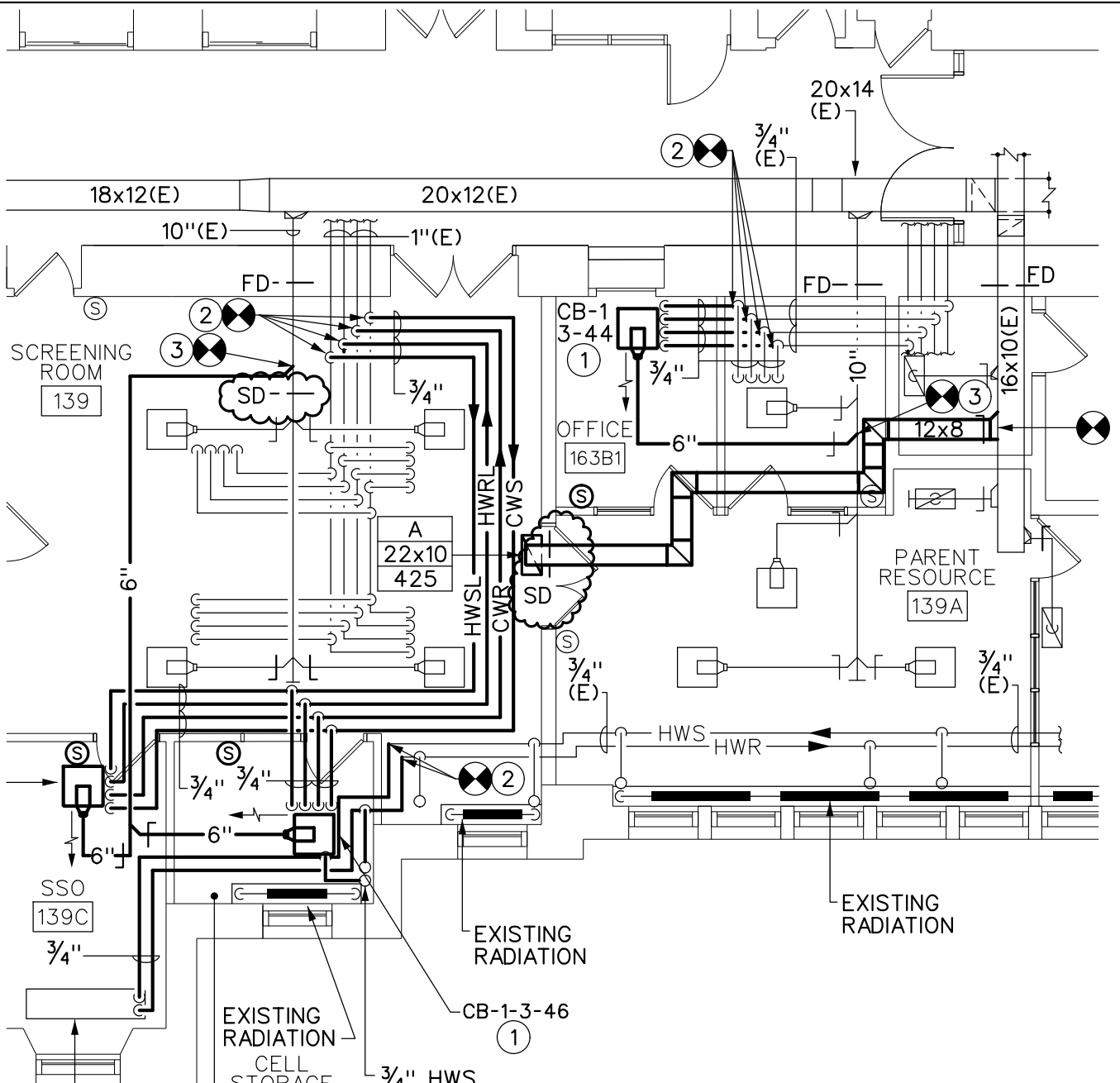
1. PROVIDE UNIT WITH 6" EXTENSION COLLAR.
2. PROVIDE UNIT WITH PRESSURE TAP.
3. PROVIDE WITH 3/4" COPPER DRAIN PAN CONNECTION.
4. ROOM TOTAL MBH FOR COOLING PERFORMANCE BASED UPON 55 DEG. DB/ 53 DEG. WB PRIMARY ENTERING AIR INTO CHILLED BEAM.
5. ROOM TOTAL MBH FOR HEATING PERFORMANCE BASED UPON 55 DEG. DB PRIMARY AIR ENTERING AIR INTO CHILLED BEAM.

CHAINTREUIL | JENSEN | STARK
 ARCHITECTS, LLP
 54 South Union Street
 Rochester, NY 14607
 (585) 244.3786
 (585) 244.1294 fax
 www.cjstarchitects.com

Rochester City School District
 James Monroe High School
 164 Alexander Street
 Rochester, New York
 SED #: 26-16-00-01-0-107-029
 DWT #: 26-16-00-01-7-999-019

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A		ISSUE DATE: 6/28/16	REVISION DATE: 8/2/16
DRAWING TITLE: ADDITIONAL CHILLED BEAM TERMINAL SCHEDULE		SCALE: NA	
PROJECT NO: 1522	DRAWN BY: AJM		

DRAWING REFERENCE NUMBER(S): M601
 DRAWING NUMBER: ADD3-M1



GENERAL NOTES:

- A. THIS SKETCH IDENTIFIES THE INSTALLATION OF TWO (2) SMOKE DAMPERS IN THE SUPPLY AND RETURN DUCTWORK SYSTEMS SERVING SCREENING ROOM 139.

1 QUADRANT B FIRST FLOOR PLAN
 M131 SCALE: 1/8" = 1'-0"

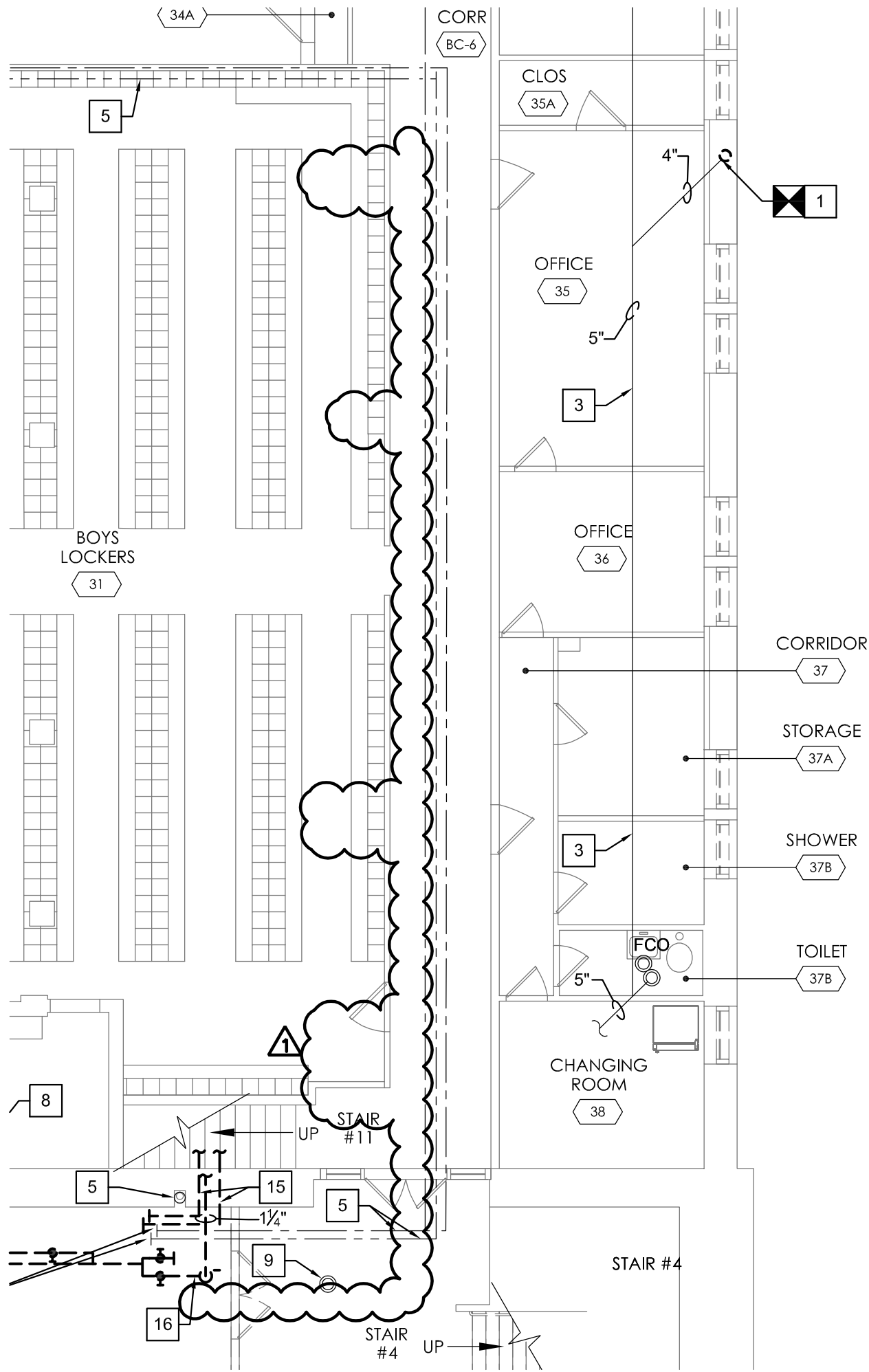
DRAWING REFERENCE NUMBER(S): M-131
DRAWING NUMBER: ADD3-M02
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: SCREENING 139 SMOKE DAMPER PLAN				
PROJECT NO: 1522	DRAWN BY: AJM	SCALE: AS NOTED	ISSUE DATE: 6/28/16	REVISION DATE: 8/2/16

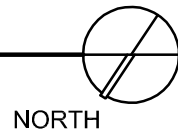
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 Rochester, N.Y. 14607
 (585) 244.3780 tel.
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1 PARTIAL BASEMENT REMOVAL PLAN
 1/8" = 1'-0"



KEYED NOTES: #

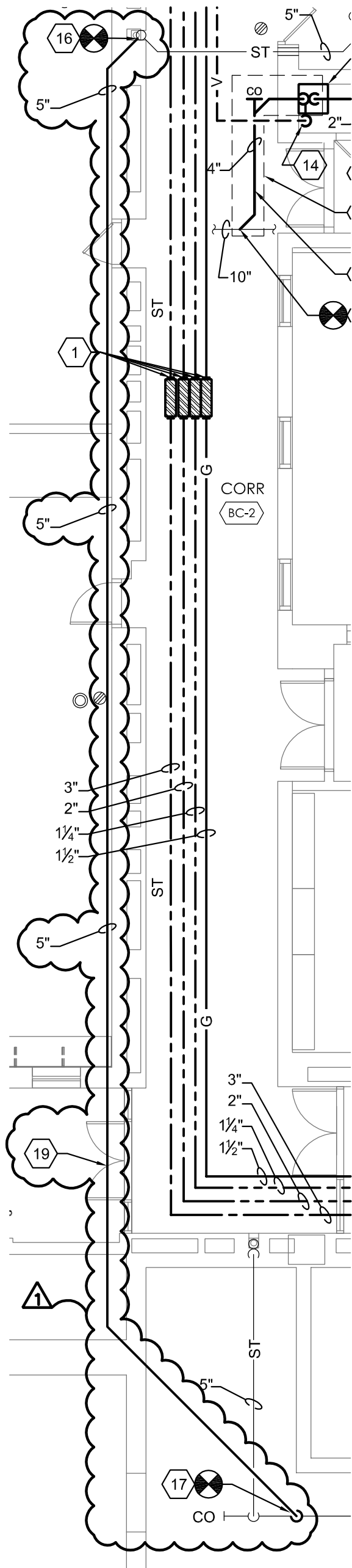
1. REMOVE 4" ST. PIPING UP TO 12" ABOVE FINISHED FLOOR AND TEMPORARILY CAP.
2. SAWCUT AND REMOVE CONCRETE FLOOR. HAND EXCAVATE AND REMOVE FILL AS SHOWN. DISCONNECT AND REMOVE ALL EXISTING SANITARY SEWER PIPING BELOW CONCRETE FLOOR SLAB. REFER TO 6/P502.
3. EXISTING UNDERSLAB PIPING TO REMAIN.
4. REMOVE ALL BRANCH GAS PIPING UP.
5. EXISTING PIPING TO REMAIN.
6. 2" VENT UP TO REMAIN.
7. EXISTING FLOOR DRAIN TO REMAIN.
8. TEMPERED WATER MIXING VALVE TO REMAIN.
9. FLOOR CLEAN OUT TO REMAIN.
10. WALL HYDRANT TO REMAIN.
11. REMOVE LAVATORY AND ALL 1/2" SAN., 1/2" V., 1/2" C., 1/2" H., BRANCH PIPING.
12. REMOVE WATER CLOSET AND ALL 4" SAN., 2" V., 1" C. BRANCH PIPING.
13. EXISTING SHOWERS TO REMAIN.
14. CAP EXISTING C. AND H. BRANCH PIPING FOR LATER CONNECTION TO NEW C. AND H. SUPPLY PIPING.
15. CUT WALL OPEN TO EXPOSE PIPING. CUT PIPING TO BE REMOVED OR ABANDONED IN PLACE TO BEHIND WALL. CAP ENDS. PATCH AND REPAIR WALL TO MATCH EXISTING ARCHITECTURAL SURFACE FINISH.
16. REMOVE ALL GAS PIPING

DRAWING REFERENCE NUMBER(S): AS NOTED
DRAWING NUMBER: ADD2-SK-P-01

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: PARTIAL BASEMENT PLUMBING REMOVAL WORK				
PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 7/27/16	REVISION DATE: -

Rochester City School District James Monroe High School 164 Alexander Street Rochester, New York	
SED #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019	

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24 South Union Street Rochester, N.Y. 14607 (585) 244.3780 tel. (585) 244.2804 fax.	
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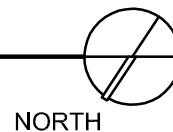


PLUMBING NOTES:

1. PROVIDE EXPANSION COMPENSATOR ON C., H., HWR, & GAS PIPING.
2. PROVIDE 3/4" HWR, 3/4" C, 3/4" H, & 4" SAN. PIPING UP.
3. PROVIDE 3/4" HWR, 1 1/2" C, & 1" H PIPING UP.
4. 1 1/2" V UP.
5. 1/2" C, 1/2" H, & 2" SAN. WITH TRAP, & 1 1/2" V.
6. 4" SAN. UP.
7. PROVIDE 1 1/2" C, 1" H, 3/4" HWR, & 3" SAN. PIPING UP.
8. EXISTING PIPING TO REMAIN.
9. CONNECT 4" SAN. TO 8" SAN.
10. PROVIDE 2" SAN. PIPING DOWN TO MOP SINK WITHOUT FAUCET. CONNECT TO EX. 2" SAN. AT POINT INDICATED.
11. PROVIDE MOP SINK WITHOUT FAUCET.
12. PROVIDE 4" SAN. BELOW SLAB TO EX. 10" SAN.
13. CONTRACTOR TO SAW CUT AS NECESSARY TO PROVIDE SAN. PIPE ROUTING AND CONNECTION.
14. PROVIDE 2" V. PIPING.
15. PROVIDE 1/2" C., 1/2" H., 1 1/2" SAN PIPING UP TO SINK.
16. CONNECT 5" ST TO EXISTING 5" ST. PROVIDE NEW PIPING AS HIGH AS POSSIBLE AND TIGHT TO CORRIDOR WALL. COORDINATE LOCATION WITH DIVISION 23.
17. CONNECT 5" ST TO EXISTING 6" SAN. PROVIDE NEW PIPING AS HIGH AS POSSIBLE. COORDINATE LOCATION WITH DIVISION 23.
18. PROVIDE PIPING AT CEILING AS HIGH AS POSSIBLE
19. PIPING SHALL BE TIGHT TO WALL ABOVE DOORS THROUGH STAIR TOWER. COORDINATE WITH GENERAL CONSTRUCTION WORK FOR CONCEALMENT OF PIPING.



1 PARTIAL BASEMENT PLUMBING PLAN
1/8" = 1'-0"



DRAWING REFERENCE NUMBER(S): AS NOTED
DRAWING NUMBER: ADD2-SK-P-02

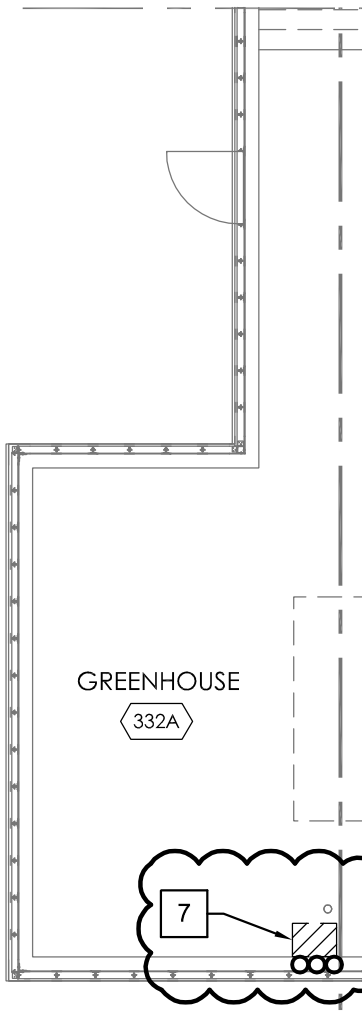
PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: PARTIAL BASEMENT PLUMBING PLAN				
PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 8/02/16	REVISION DATE: -

Rochester City School District James Monroe High School 164 Alexander Street Rochester, New York	
SED #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019	

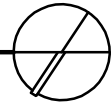
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24 South Union Street Rochester, N.Y. 14607 (585) 244.3780 tel. (585) 244.2804 fax.
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KEYED NOTES:

1. REMOVE SINK, ASSOCIATED TRIM, AND ALL 1/2" G., 1/2" H., 1/2" C., 2" SAN. & 2" V. PIPING BACK TO MAINS AND CAP.
2. DISCONNECT AND REMOVE DRINKING FOUNTAIN AND ALL 1/2" C., 1 1/2" SAN. & 1 1/2" V. PIPING AND TEMPORARILY CAP FOR FUTURE USE.
3. REMOVE WALL HUNG MOP SINK AND ALL 1/2" H., 1/2" & V. PIPING BACK TO WALL AND TEMPORARILY CAP FOR FUTURE USE. REMOVE 3" SAN. PIPING BACK TO MAIN AND CAP.
4. DISCONNECT 3/4" C. PIPING AT WALL AND CAP.
5. EXISTING PIPING TO REMAIN.
6. EXISTING FIXTURES TO REMAIN.
7. REMOVE SINK AND SOLIDS INTERCEPTOR AND ALL 1/2" H., 1/2" C., 1 1/2" SAN. AND 1 1/2" V. BRANCH PIPING.



1 PARTIAL THIRD FLOOR REMOVAL PLAN
1/8" = 1'-0"



DRAWING REFERENCE NUMBER(S): AS NOTED
DRAWING NUMBER: ADD2-SK-P-03
SED CONTROL NUMBERS: SED. #: 26-16-00-01-0-107-029 DWT #: 26-16-00-01-7-999-019

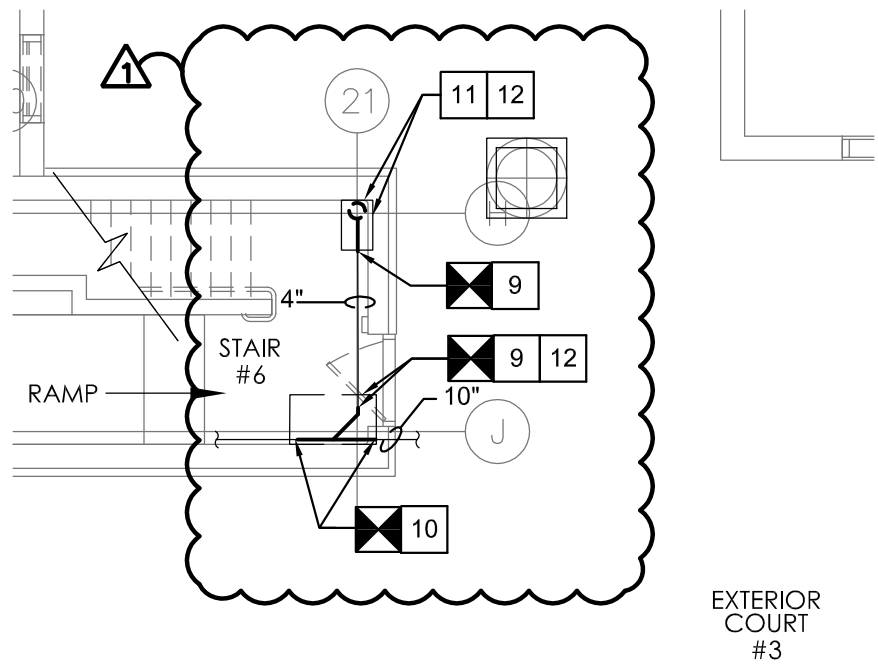
PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: PARTIAL THIRD FLOOR REMOVAL PLAN				
PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 7/27/16	REVISION DATE: -

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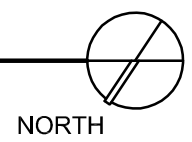
54 South Union Street
Rochester, N.Y. 14607
(585) 244.3780 tel.
(585) 244.1284 fax.

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1 PARTIAL BASEMENT REMOVAL PLAN
1/8" = 1'-0"



KEYED NOTES: #

1. EXISTING PIPING TO REMAIN.
2. EXISTING FLOOR DRAIN TO REMAIN.
3. EXISTING FLOOR CLEANOUT TO REMAIN.
4. REMOVE SINK, 1/2" H., 1/2" C., 1 1/2" V., AND 1 1/2" SAN. PIPING BACK TO MAINS AND CAP.
5. CUT / CAP / REMOVE 1/2" H., 1" C., 1" C., & 2" SAN.
6. CUT WALL OPEN TO EXPOSE PIPING. CUT PIPING TO BE REMOVED OR ABANDONED IN PLACE TO BEHIND WALL. CAP ENDS. PATCH AND REPAIR WALL TO MATCH EXISTING ARCHITECTURAL SURFACE FINISH.
7. DISCONNECT 5" ST FROM 5" ST AND REMOVE.
8. DISCONNECT 4" SAN AND REMOVE. EXISTING PIPING IN CRAWL SPACE TO REMAIN FOR FUTURE CONNECTION.
9. DISCONNECT AND REMOVE 4" SAN. PIPING AT THIS POINT.
10. DISCONNECT AND REMOVE 10" SEWER AND REINSTALL IN THE AREA TO ACCOMMODATE STRUCTURAL COLUMN.
11. REMOVE 5" ST. UP/DN. RELOCATE FOR STEEL COLUMN xFOUR(4) FLOORS.
12. SAWCUT AND CONCRETE FLOOR REMOVAL. HAND EXCAVATE AND REMOVE FILL AS SHOWN. DISCONNECT AND REMOVE ALL EXISTING SANITARY SEWER PIPING BELOW CONCRETE FLOOR SLAB.



DRAWING REFERENCE NUMBER(S):
AS NOTED

DRAWING NUMBER:
ADD2-SK-P-04

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: PARTIAL BASEMENT REMOVAL PLAN				
PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 8/02/16	REVISION DATE: -

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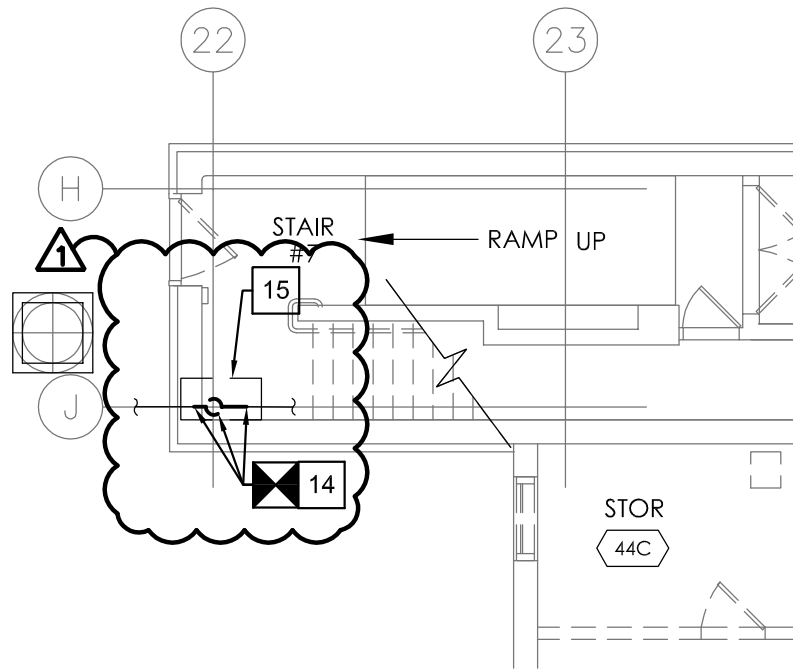
SED #: 26-16-00-01-0-107-029
DWT #: 26-16-00-01-7-999-019

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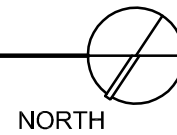
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6505 244.204 fax.

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1 PARTIAL BASEMENT REMOVAL PLAN
1/8" = 1'-0"



KEYED NOTES: #

1. SAWCUT AND REMOVE CONCRETE FLOOR. HAND EXCAVATE AND REMOVE FILL AS SHOWN. DISCONNECT AND REMOVE ALL EXISTING SANITARY SEWER PIPING BELOW CONCRETE FLOOR SLAB. REFER TO 6/P502.
2. EXISTING WATER SERVICE TO REMAIN AND BE RE-USED. REFER TO 2/P302.
3. REMOVE EXISTING BOOSTER PUMP REFER TO 1/P302.
4. REMOVE SINK, 1/2" H., 1/2" C., 1 1/2" V., AND 1 1/2" SAN. PIPING BACK TO MAINS AND CAP.
5. EXISTING PIPING TO REMAIN.
6. EXISTING FLOOR DRAIN TO REMAIN.
7. 2" V. UP TO REMAIN.
8. EXISTING FIXTURES TO REMAIN.
9. EXISTING FLOOR CLEANOUTS TO REMAIN.
10. REMOVE COLD WATER MAINS AND PRESSURE REGULATOR VALVES DOWNSTREAM OF PUMP.
11. 2" V. DN. TO REMAIN.
12. EXISTING METER SET AND RPZ BACKFLOW PREVENTION DEVICE TO BE REINSTALLED. REFER TO 1/P302.
13. DISCONNECT 1/2" C. FROM TRAP PRIMER DEVICE.
14. DISCONNECT AND REMOVE 5" ST. PIPING UP/DN. RELOCATE FOR STEEL COLUMN x(FOUR) 4 FLOORS.
15. SAWCUT AND CONCRETE FLOOR REMOVAL. HAND EXCAVATE AND REMOVE FILL AS SHOWN. DISCONNECT AND REMOVE ALL EXISTING SANITARY SEWER PIPING BELOW CONCRETE FLOOR SLAB.

DRAWING REFERENCE NUMBER(S): AS NOTED
DRAWING NUMBER: ADD2-SK-P-05

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: PARTIAL BASEMENT REMOVAL PLAN				
PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 8/02/16	REVISION DATE: -

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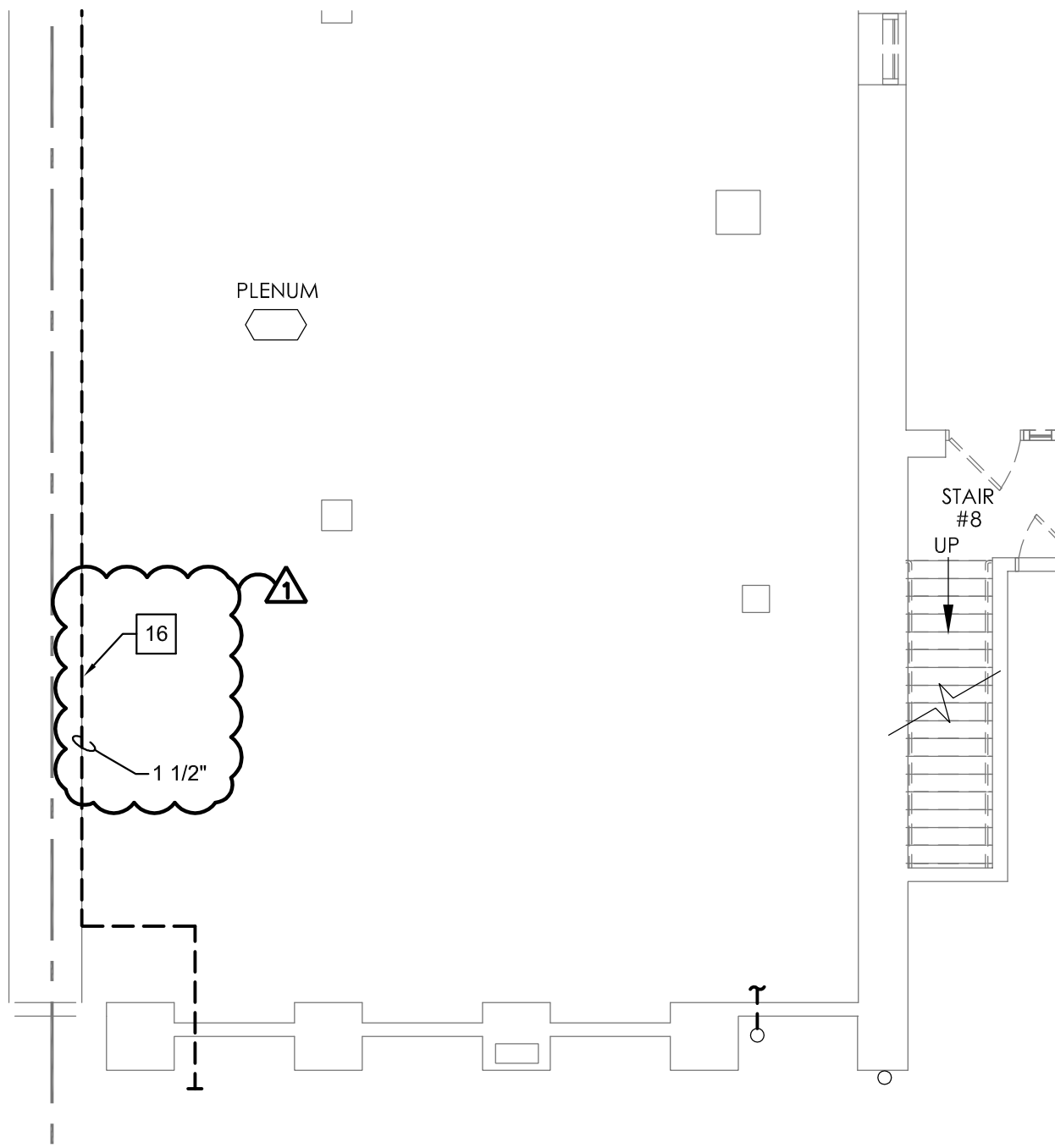
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DWT #: 26-16-00-01-7-999-019

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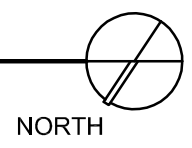
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1 PARTIAL BASEMENT REMOVAL PLAN
1/8" = 1'-0"



KEYED NOTES: #

1. SAWCUT AND REMOVE CONCRETE FLOOR. HAND EXCAVATE AND REMOVE FILL AS SHOWN. DISCONNECT AND REMOVE ALL EXISTING SANITARY SEWER PIPING BELOW CONCRETE FLOOR SLAB. REFER TO 6/P502.
2. EXISTING WATER SERVICE TO REMAIN AND BE RE-USED. REFER TO 2/P302.
3. REMOVE EXISTING BOOSTER PUMP REFER TO 1/P302.
4. REMOVE SINK, 1/2" H., 1/2" C., 1 1/2" V., AND 1 1/2" SAN. PIPING BACK TO MAINS AND CAP.
5. EXISTING PIPING TO REMAIN.
6. EXISTING FLOOR DRAIN TO REMAIN.
7. 2" V. UP TO REMAIN.
8. EXISTING FIXTURES TO REMAIN.
9. EXISTING FLOOR CLEANOUTS TO REMAIN.
10. REMOVE COLD WATER MAINS AND PRESSURE REGULATOR VALVES DOWNSTREAM OF PUMP.
11. 2" V. DN. TO REMAIN.
12. EXISTING METER SET AND RPZ BACKFLOW PREVENTION DEVICE TO BE REINSTALLED. REFER TO 1/P302.
13. DISCONNECT 1/2" C. FROM TRAP PRIMER DEVICE.
14. DISCONNECT AND REMOVE 5" ST. PIPING UP/DN. RELOCATE FOR STEEL COLUMN x4 FLOORS.
15. SAWCUT AND CONCRETE FLOOR REMOVAL. HAND EXCAVATE AND REMOVE FILL AS SHOWN. DISCONNECT AND REMOVE ALL EXISTING SANITARY SEWER PIPING BELOW CONCRETE FLOOR SLAB.

16. REMOVE 1 1/2" HWR PIPING.

DRAWING REFERENCE NUMBER(S): AS NOTED
DRAWING NUMBER: ADD2-SK-P-06

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: PARTIAL BASEMENT REMOVAL PLAN				
PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 8/02/16	REVISION DATE: ###/###

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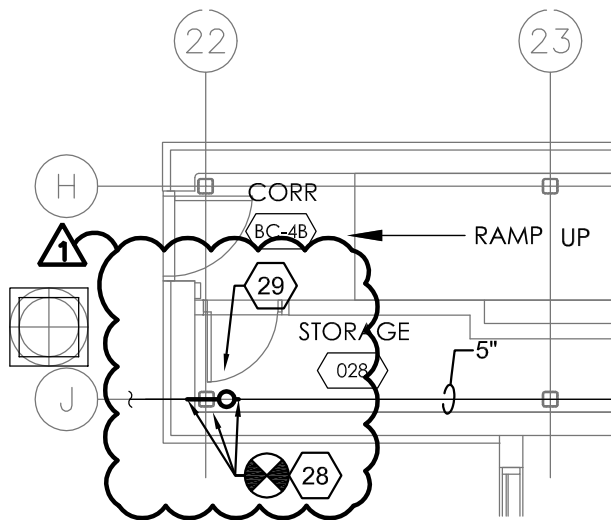
SED #: 26-16-00-01-0-107-029
DWT #: 26-16-00-01-7-999-019

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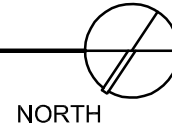
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1 PARTIAL BASEMENT PLUMBING PLAN
1/8" = 1'-0"



PLUMBING NOTES: #

1. PROVIDE 1½" H., ½" HWR & 2" C. PIPING UP.
2. CONNECT 2" SAN. TO 4" SAN.
3. PROVIDE 4" SAN. PIPING UP.
4. PROVIDE 3" SAN. UP WITH DEEP SEAL TRAP TO MOP SERVICE SINK. PROVIDE 1½" V.
5. CONNECT 3" SAN. TO 4" SAN.
6. CONNECT 4" SAN. PIPING TO 4" SAN. PIPING.
7. CONNECT ½" H. & 1" C. PIPING TO 2" H. & 3" C. PIPING.
8. CONNECT 1" C. PIPING TO 3" C. PIPING.
9. PATCH FLOOR TO MATCH EXISTING ARCHITECTURAL FINISH. REFER TO 7/P502.
10. CONNECT 2" C. & ¾" H. PIPING TO 3" C. & 2" H. PIPING.
11. PROVIDE 4" SAN. PIPING DOWN.
12. EXISTING 4" SAN. PIPING TO REMAIN.
13. PROVIDE 1¼" C., ¾" H., ¾" HWR & ½" G. PIPING UP.
14. PROVIDE ½" BALL VALVES, ½" CHECK VALVE AND ½" BALANCE VALVE ON DOMESTIC HOT WATER RECIRCULATION PIPING.
15. PROVIDE ½" H., ½" C., & 1 ½" SAN. PIPING UP TO SINK.
16. PROVIDE 1" C., 4" SAN. & 2" V. PIPING UP TO WATER CLOSET.
17. 1½" V PIPING UP.
18. ¾" C, ¾" H, ½" HWR, 2" SAN. PIPING UP.
19. ½" C. UP TO EWC.
20. CONNECT 2" FP TO 3" C.
21. EXISTING PIPING TO REMAIN.
22. EXISTING FIXTURES TO REMAIN.
23. EXISTING FLOOR DRAIN TO REMAIN.
24. PROVIDE EXPANSION COMPENSATOR ON C., H., HWR, & GAS PIPING.
25. PROVIDE 3" V. PIPING UP.
26. PROVIDE TRAP PRIMER DEVICE.
27. CONNECT ½" C. TO ½" C. AT THIS POINT.
28. CONNECT AND PROVIDE 5" ST. PIPING UP/DN. RELOCATE FOR STEEL COLUMN x(FOUR) 4 FLOORS.
29. PATCH/REPAIR CONCRETE FLOOR TO MATCH ARCHITECTURAL SURFACE FINISH.



DRAWING REFERENCE NUMBER(S):
AS NOTED

DRAWING NUMBER:
ADD2-SK-P-07

PROJECT: **RSMP - JAMES MONROE HIGH SCHOOL
PHASE 2A**

DRAWING TITLE:
PARTIAL BASEMENT REMOVAL PLAN

PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 8/02/16	REVISION DATE: -
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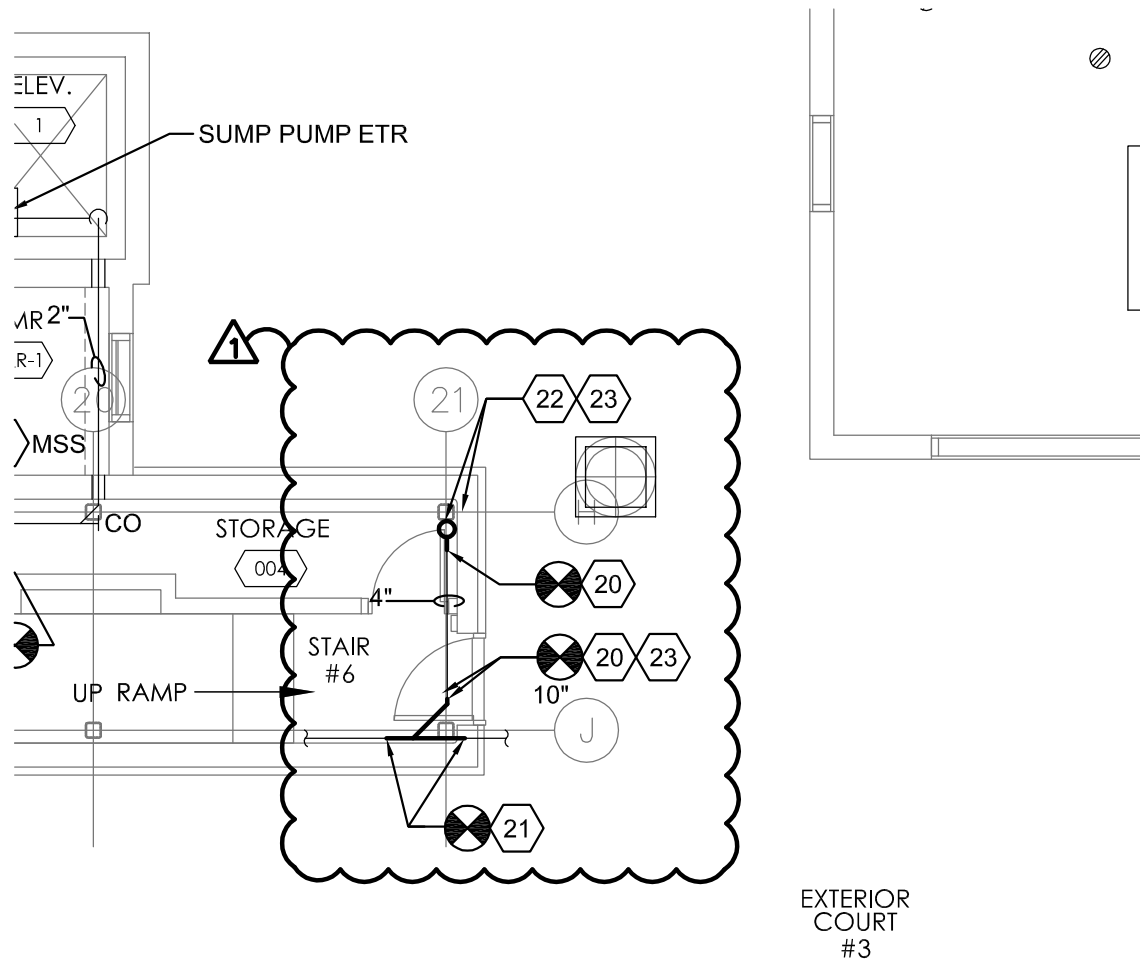
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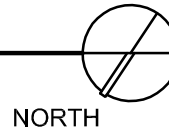
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(585) 244-1204 fax.

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1 PARTIAL BASEMENT PLUMBING PLAN
1/8" = 1'-0"



PLUMBING NOTES: #

1. PROVIDE EXPANSION COMPENSATOR ON C., H., HWR, & GAS PIPING.
2. PROVIDE 3/4" HWR, 3/4" C, 3/4" H, & 4" SAN. PIPING UP.
3. PROVIDE 3/4" HWR, 1/2" C, & 1" H PIPING UP.
4. 1/2" V UP.
5. 1/2" C, 1/2" H, & 2" SAN. WITH TRAP, & 1/2" V.
6. 4" SAN. UP.
7. PROVIDE 1/2" C, 1" H, 3/4" HWR, & 3" SAN. PIPING UP.
8. EXISTING PIPING TO REMAIN.
9. CONNECT 4" SAN. TO 8" SAN.
10. PROVIDE 2" SAN. PIPING DOWN TO MOP SINK WITHOUT FAUCET. CONNECT TO EX. 2" SAN. AT POINT INDICATED.
11. PROVIDE MOP SINK WITHOUT FAUCET.
12. PROVIDE 4" SAN. BELOW SLAB TO EX. 10" SAN.
13. CONTRACTOR TO SAW CUT AS NECESSARY TO PROVIDE SAN. PIPE ROUTING AND CONNECTION.
14. PROVIDE 2" V. PIPING.
15. PROVIDE 1/2" C., 1/2" H., 1 1/2" SAN PIPING UP TO SINK.
16. CONNECT 5" ST TO EXISTING 5" ST. PROVIDE NEW PIPING AS HIGH AS POSSIBLE AND TIGHT TO CORRIDOR WALL. COORDINATE LOCATION WITH DIVISION 23.
17. CONNECT 5" ST TO EXISTING 6" SAN. PROVIDE NEW PIPING AS HIGH AS POSSIBLE. COORDINATE LOCATION WITH DIVISION 23.
18. PROVIDE PIPING AT CEILING AS HIGH AS POSSIBLE.
19. PIPING SHALL BE TIGHT TO WALL ABOVE DOORS THROUGH STAIR TOWER. COORDINATE WITH GENERAL CONSTRUCTION WORK FOR CONCEALMENT OF PIPING.
20. CONNECT AND PROVIDE 4" SAN. PIPING AT THIS POINT.
21. CONNECT AND PROVIDE 10" SEWER AND REINSTALL IN THIS AREA TO ACCOMMODATE STRUCTURAL COLUMN.
22. PROVIDE 5" ST. UP/DN. RELOCATE FOR STEEL COLUMN xFOUR(4) FLOORS.
23. PATCH/REPAIR CONCRETE FLOOR TO MATCH ARCHITECTURAL SURFACE FINISH.



DRAWING REFERENCE NUMBER(S): AS NOTED
DRAWING NUMBER: ADD2-SK-P-08

PROJECT: RSMP - JAMES MONROE HIGH SCHOOL PHASE 2A				
DRAWING TITLE: PARTIAL BASEMENT PLUMBING PLAN				
PROJECT NO: 1522	DRAWN BY: NAK	SCALE: AS NOTED	ISSUE DATE: 8/02/16	REVISION DATE: -

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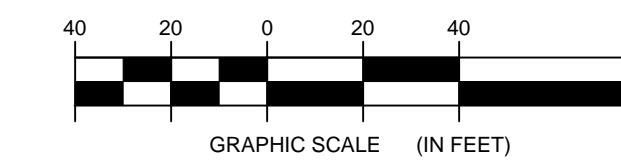
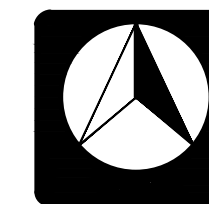
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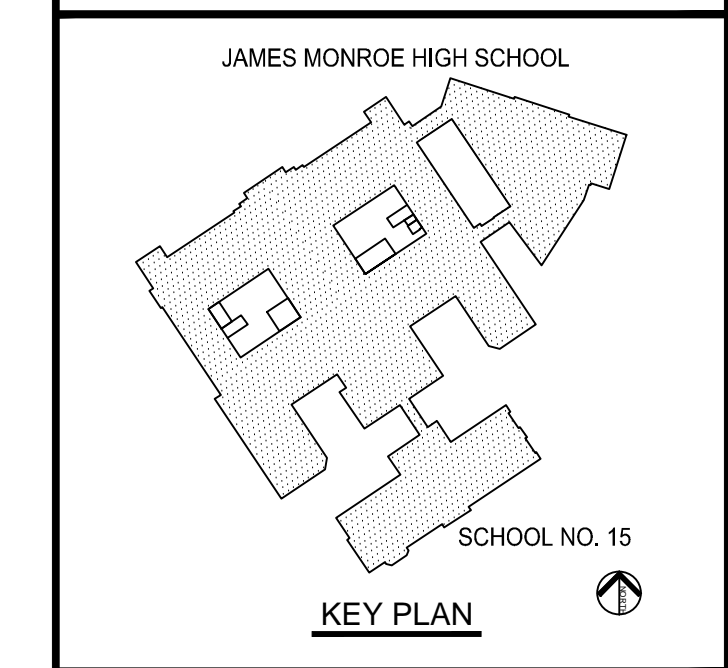
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 755 Seneca Street
 Buffalo, NY 14210
 716.855.6448 tel
 716.852.1722 fax
 54 South Union Street
 Rochester, NY 14607
 585.244.3780 tel
 585.244.1294 fax
 www.cjsarchitects.com

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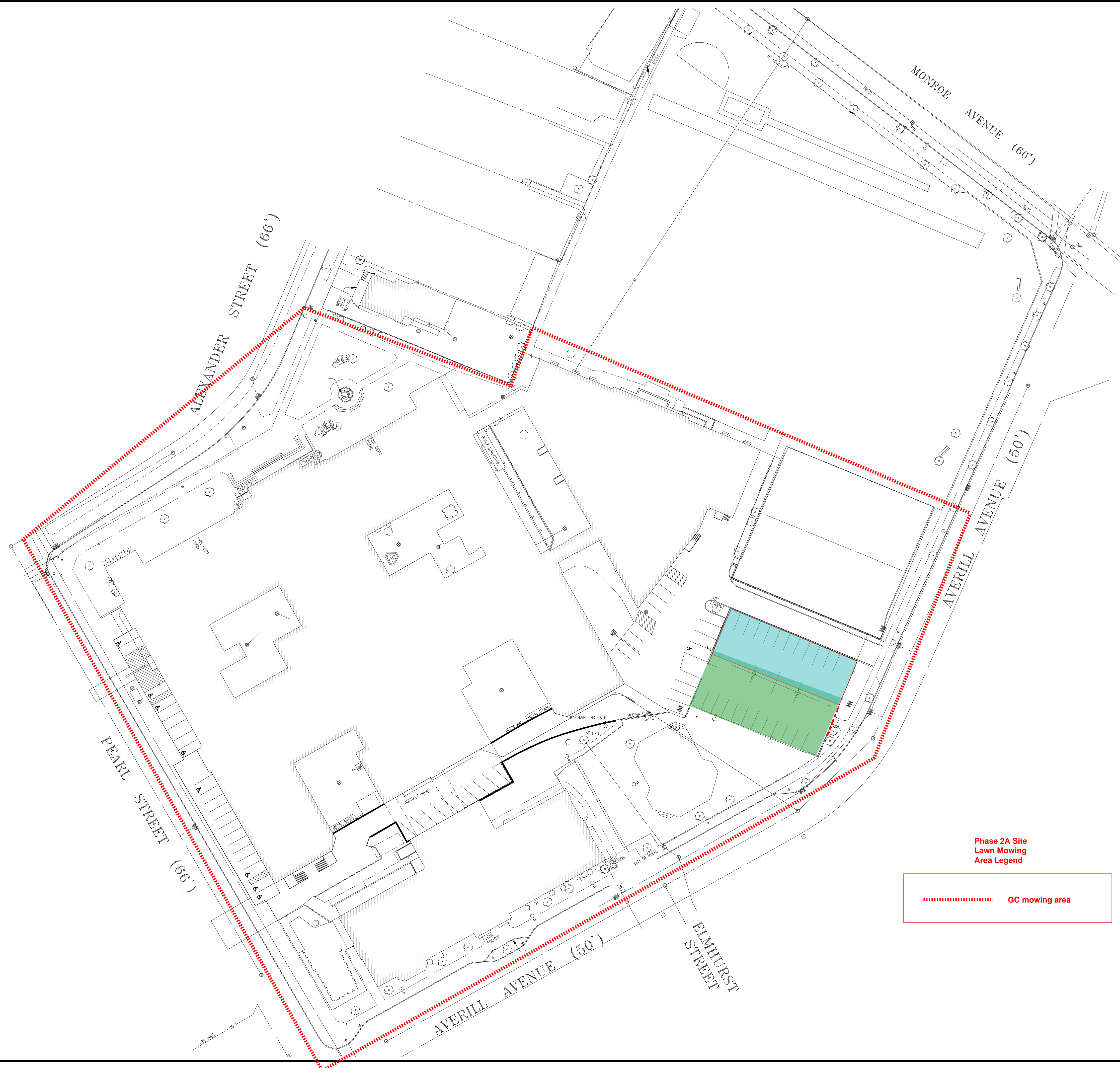
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DRAWING TITLE
SITE DEMOLITION PLAN

JOB NO.	1125
SCALE	AS NOTED
DATE	DEC 10, 2013
DRAWN BY	DP, NB
CHECKED BY	CJ
REVISIONS	

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DRAWING NO.
C001



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MONROE AVENUE (66')

PEARL STREET (66')

AVERILL AVENUE (50')

AVERILL AVENUE (50')

ELMHURST STREET