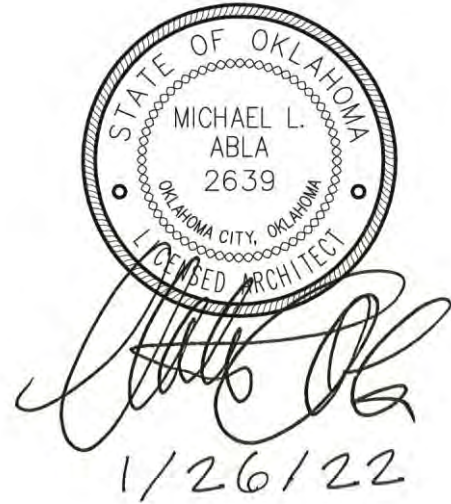


**MOORE PUBLIC SCHOOLS -
HIGHLAND EAST JUNIOR HIGH SCHOOL
STEM ADDITION**

Moore Public Schools - Moore, Oklahoma
AGP - Moore, Oklahoma

ADDENDUM NO. 1

January 26, 2022



This addendum applicable to work designated herein, shall be understood to be an Addendum, and as such shall be included in the Contract Agreement.

Receipt of this Addendum shall be acknowledged by the Construction Management Firm notifying this office in writing, and by any applicable subcontractor to the CM.

This addendum consists of two (2) pages with attachments of seven (7) 8.5"x11" pages and nine (9) 24"x36" sheets.

A. Drawings:

Civil

1. Sheet DD1, Site Grading and Detention: added plumbing coordination note at the northwest corner of the building. Refer to attachment.
2. Sheet SS1, Sanitary Sewer Service Line Profile: added plumbing coordination note at the northwest corner of the building. Refer to attachment.
3. Sheet C300, Detail #1, Paving Site Plan: revise sidewalk / mow strip locations as per attached revised drawing.
4. Sheet C600, Detail #1, Erosion Control Site Plan: locate construction lay-down area as per attached revised drawing.
5. Sheet C601, Detail #1, Laydown / Gravel Site Plan: locate and detail construction lay-down area as per attached revised drawing.

Structural

No changes.

Architectural

1. Sheet A103, Detail #1, Floor Plan: revise interior elevation referencing in Rooms #17, 22, and 26 as per attached revised drawing.
2. Sheet A401, Detail #2, Elevation at Typical Lab: revised number of equal spaces for shelving to "7 spaces" in lieu of six as indicated. Refer to attachment.
3. Sheet A501, Detail #20, Plan Detail and Sheet 601, Detail #2, Color Schedule: refer to attached Request for Information #2 for clarifications.

Mechanical, Electrical, and Plumbing

Refer to attachments.

B. Specifications:

1. Section 06410, Custom Casework: Request for Information concerning clarifications for European Construction. Refer to attachment.
2. Section 08800 Finish Hardware, 2.02 Hardware Sets: revise Hardware Sets as per the following –

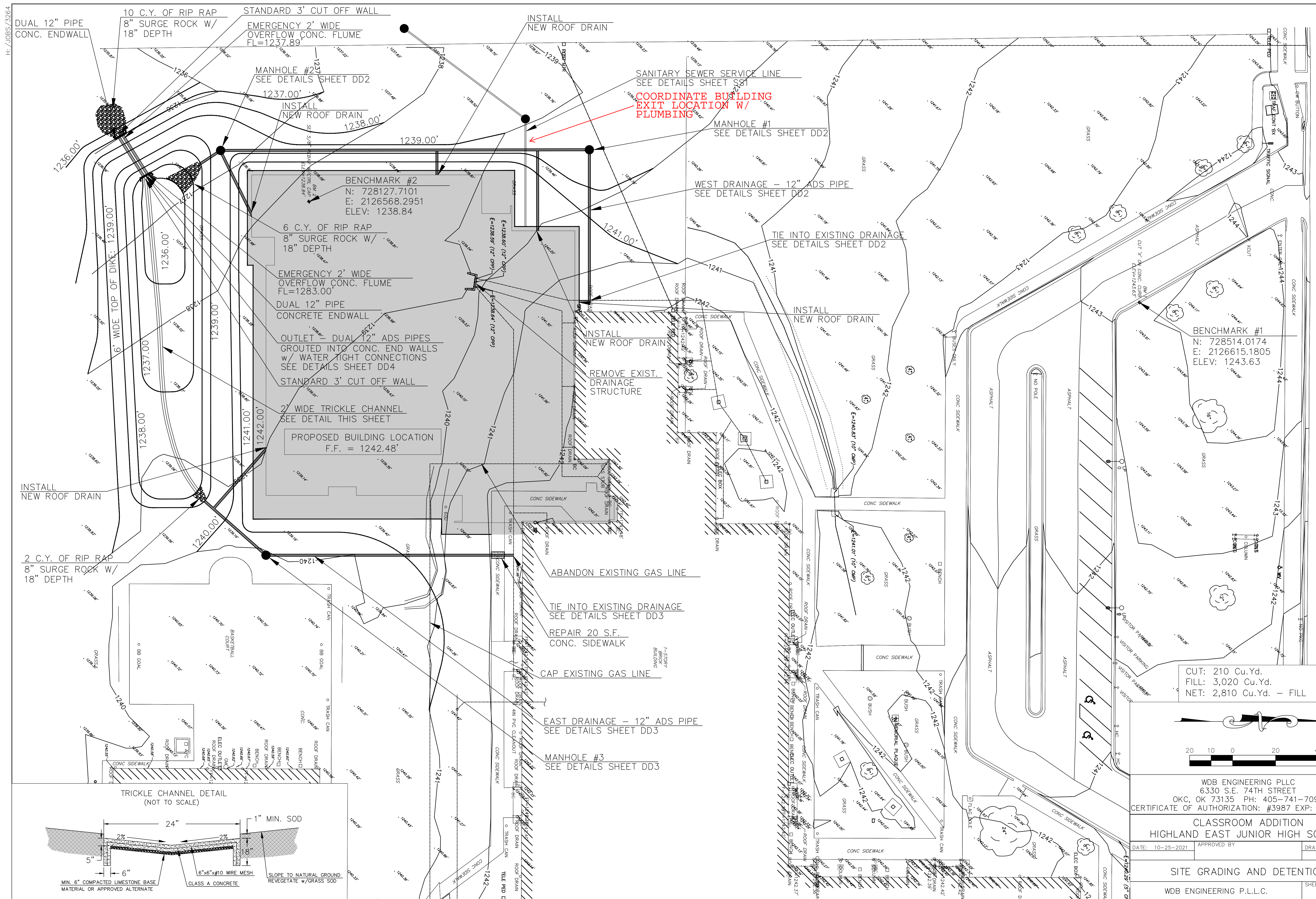
Sets 002, 003, 004, 005, and 006
Change Classic Core to 23-030 626

Set 007
Omit mullion, push, and pull.
Add the following -
2 EA Offset Pulls 8190-0-O 630 IVES
2 EA Dummy Push Bars 330 626 VON

Set 008
Omit push, pull, closers, magnetic hold opens.
Change Mullion to KR9954
Add the following –
2 EA Exit Devices 99L-F 626 VON
2 EA Rim Cylinder 20-057 ICX 626 VON
2 EA Classic Core 23-030 626 SCH
2 EA Sentronic Closers 4040-SE AL LCN – Wire the Sentronic Closer to Fire Alarm. The closer shall release upon activation of FA.

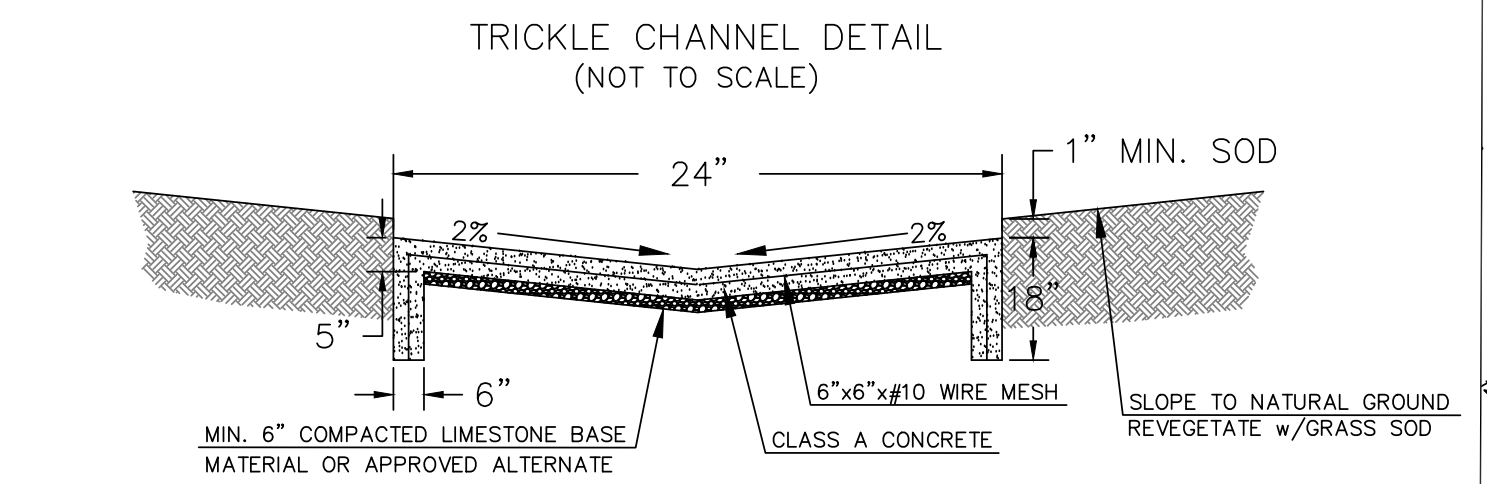
END OF ADDENDUM NO. 1

H:\JOBS\3264



INSTALL NEW ROOF DRAIN

2 C.Y. OF RIP RAP
8" SURGE ROCK W/
18" DEPTH



TRICKLE CHANNEL DETAIL
(NOT TO SCALE)

24"

2%

2%

1" MIN. SOD

6"

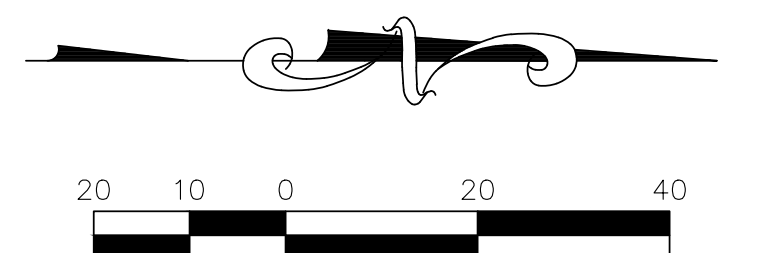
6"x6"x10 WIRE MESH

SLOPE TO NATURAL GROUND
REVEGETATE W/GRASS SOD

CLASS A CONCRETE

MIN. 6" COMPACTED LIMESTONE BASE
MATERIAL OR APPROVED ALTERNATE

CUT: 210 Cu.Yd.
FILL: 3,020 Cu.Yd.
NET: 2,810 Cu.Yd. - FILL



WDB ENGINEERING PLLC
6330 S.E. 74TH STREET
OKC, OK 73135 PH: 405-741-7090
CERTIFICATE OF AUTHORIZATION: #3987 EXP: 6-30-2023

CLASSROOM ADDITION
HIGHLAND EAST JUNIOR HIGH SCHOOL

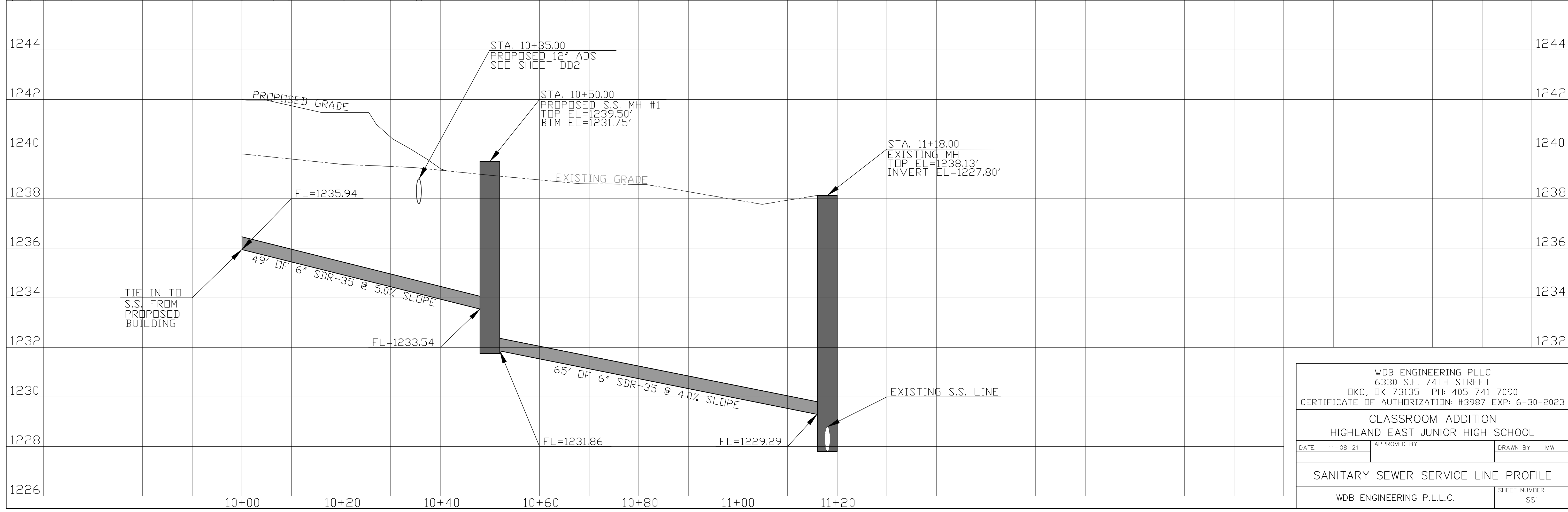
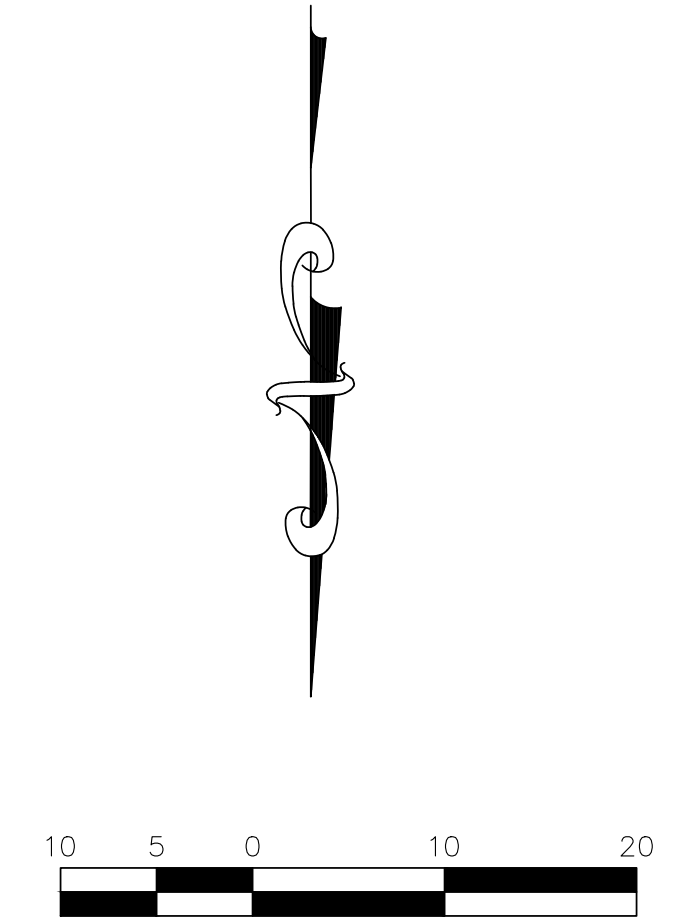
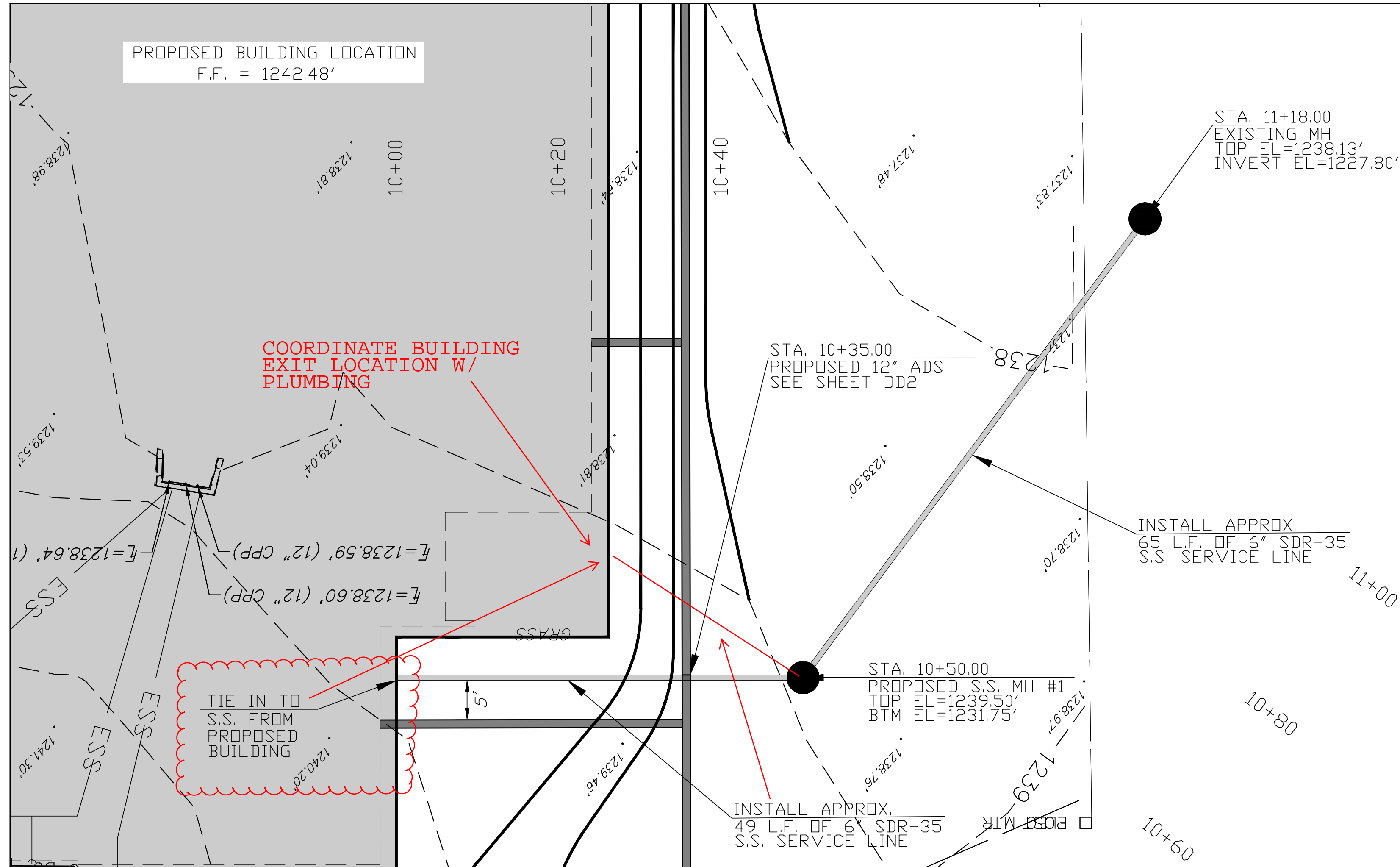
DATE: 10-25-2021 APPROVED BY: _____ DRAWN BY: MW

SITE GRADING AND DETENTION

WDB ENGINEERING P.L.L.C. SHEET NUMBER DD1

ADDENDUM #1

SE 4TH ST.
CONC. PAVING



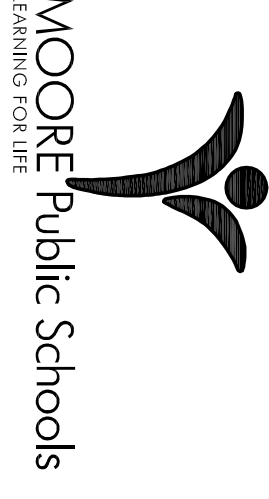
WDB ENGINEERING PLLC 6330 S.E. 74TH STREET OKC, OK 73135 PH: 405-741-7090 CERTIFICATE OF AUTHORIZATION: #3987 EXP: 6-30-2023		
CLASSROOM ADDITION HIGHLAND EAST JUNIOR HIGH SCHOOL		
DATE: 11-08-21	APPROVED BY:	DRAWN BY: MW
SANITARY SEWER SERVICE LINE PROFILE		
WDB ENGINEERING P.L.L.C.		SHEET NUMBER SS1

ADDENDUM #1



CS
drawn by
MA
checked by
SEPTEMBER 2021
date
revisions
APPENDUM #1

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



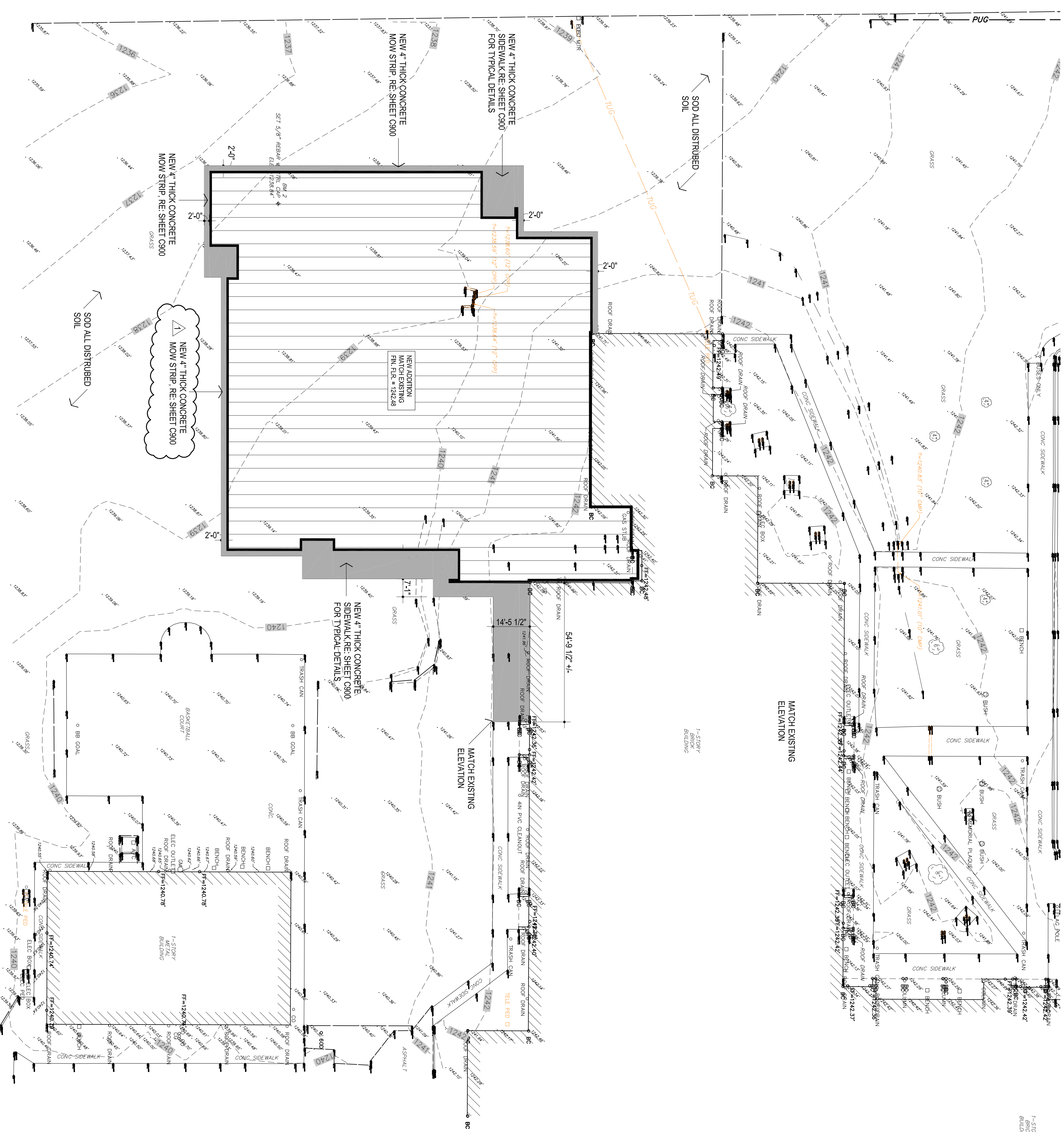
CLASSROOM ADDITION
HIGHLAND EAST
JUNIOR HIGH SCHOOL

Sheet No.

C300

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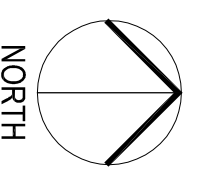
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PAVING SITE PLAN

1" = 20'-0"

1

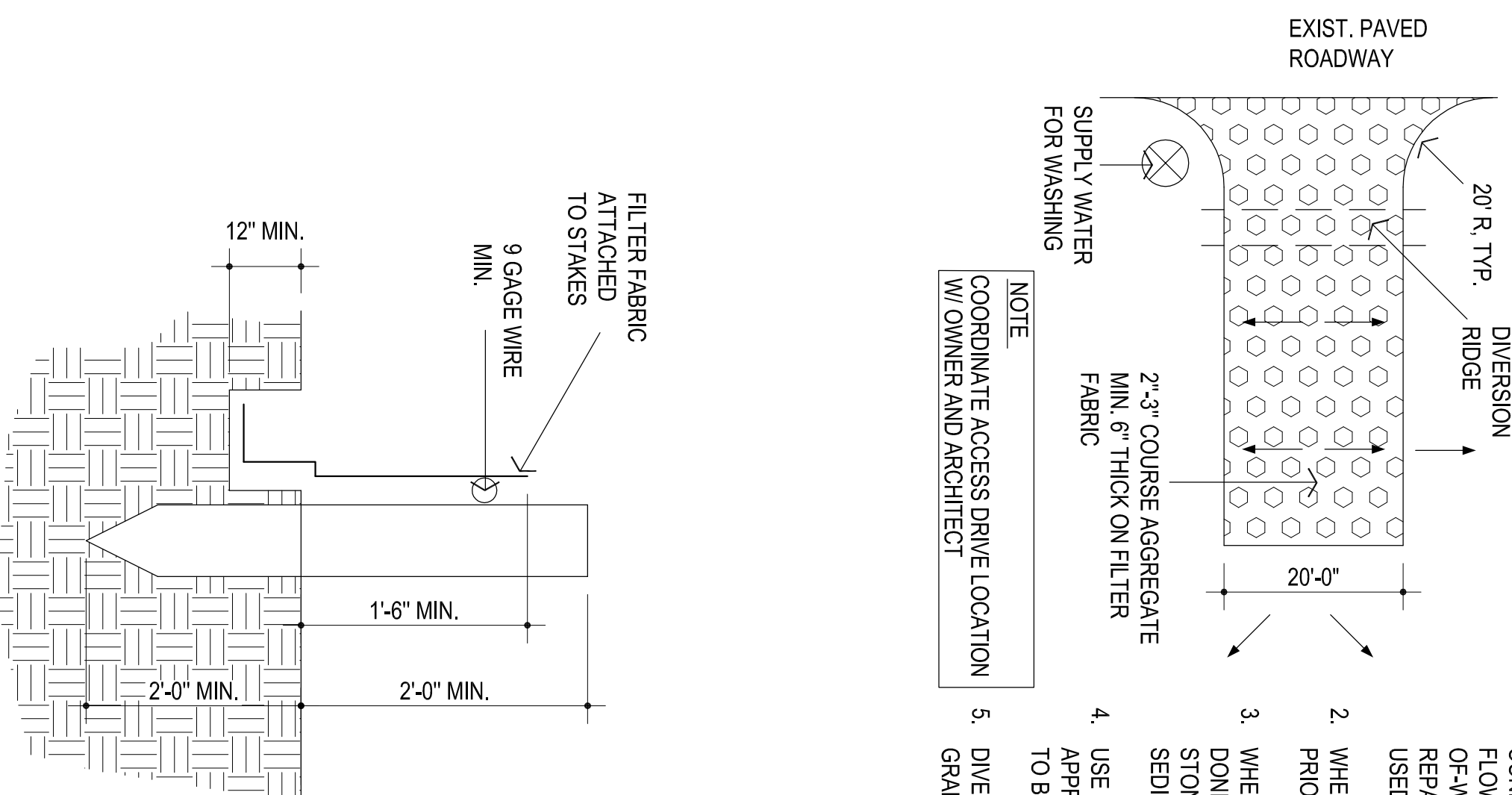


NORTH

EROSION CONTROL GENERAL NOTES

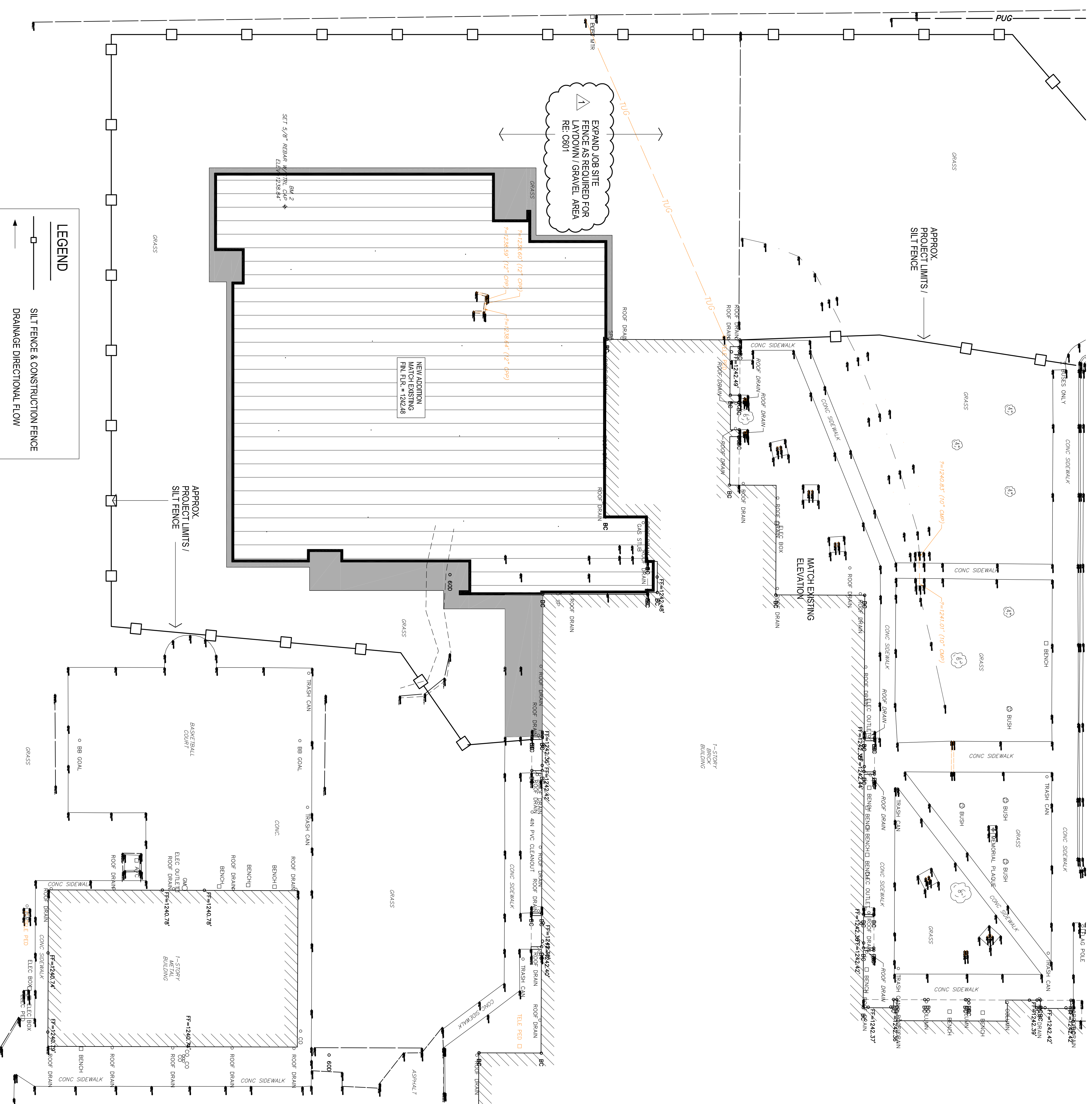
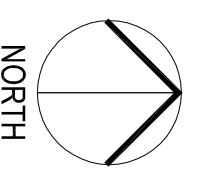
1. INSTALL PERIMETER EROSION CONTROL DEVICES PRIOR TO REMOVING TOP SOIL OR BEGINNING GRADING ACTIVITIES.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE IN AN AREA DRAINING INTO THE POLLUTION CONTROL SYSTEM
3. AFTER ALL PRECIPITATION OF 0.5 INCHES OR GREATER EROSION CONTROL FACILITIES SHALL BE INSPECTED AND MAINTAINED AS NECESSARY. COMPLETED INSPECTION FORMS SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.
4. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS. COMPLETED INSPECTION FORMS SHALL BE KEPT ON SITE AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL EROSION CONTROL DEVICES DAMAGED DUE TO CONSTRUCTION.
6. A COPY OF THE EROSION CONTROL SITE PLAN MUST BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.
7. MAINTAIN ALL FACILITIES UNTIL ALL PAVEMENT AND/OR GROUND COVER IS ESTABLISHED. ANY DISTURBED AREA WHICH WILL NOT SEE CONSTRUCTION ACTIVITY FOR 21 DAYS OR MORE SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN 14 DAYS OF THE LAST DISTURBANCE.
8. A PERSON IN RESPONSIBLE CHARGE SHALL BE AVAILABLE DURING CONSTRUCTION HOURS TO SUPERVISE IMPLEMENTATION AND MAINTENANCE OF THE POLLUTION PREVENTION PLAN AND TO ASSIST WITH INSPECTIONS BY ANY REGULATORY AGENCY.
9. AFTER COMPLETION OF CONSTRUCTION, REMOVE ALL CONTROL DEVICES & MATERIALS. FILL, COMPACT & GRADE ALL DISTURBED SOIL & RE-SOD.

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 4. USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQ. ID
 5. DIVERSION RIDGE REQUIRED WHERE GRADE EXCEEDS 2%
- NOTE:
COORDINATE ACCESS DRIVE LOCATION
W/ OWNER AND ARCHITECT



EROSION CONTROL SITE PLAN

1" = 20'-0"



the Abla Griffin Partnership L.L.C.

201 N. BROADWAY
SUITE 210
MOORE, OK. 73160

405.735.3477
ACGP@theAGP.net
www.theAGP.net

WDB ENGINEERING PLLC

CIVIL

KFC ENGINEERING

STRUCTURAL

SALAS OBRIEN

MECHANICAL ELECTRICAL

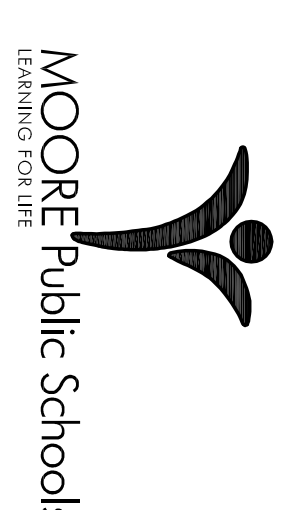


9/30/21

CS
drawn by
MA
checked by
SEPTEMBER 2021
date

revisions
1. ADDENDUM #1

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



CLASSROOM ADDITION
HIGHLAND EAST
JUNIOR HIGH SCHOOL

Sheet No.

C600

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STRUCTURAL

SALAS OBRIEN

MECHANICAL ELECTRICAL



9/30/21

CS
drawn by
MA
checked by
SEPTEMBER 2021
date

revisions
ADDENDUM #1

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



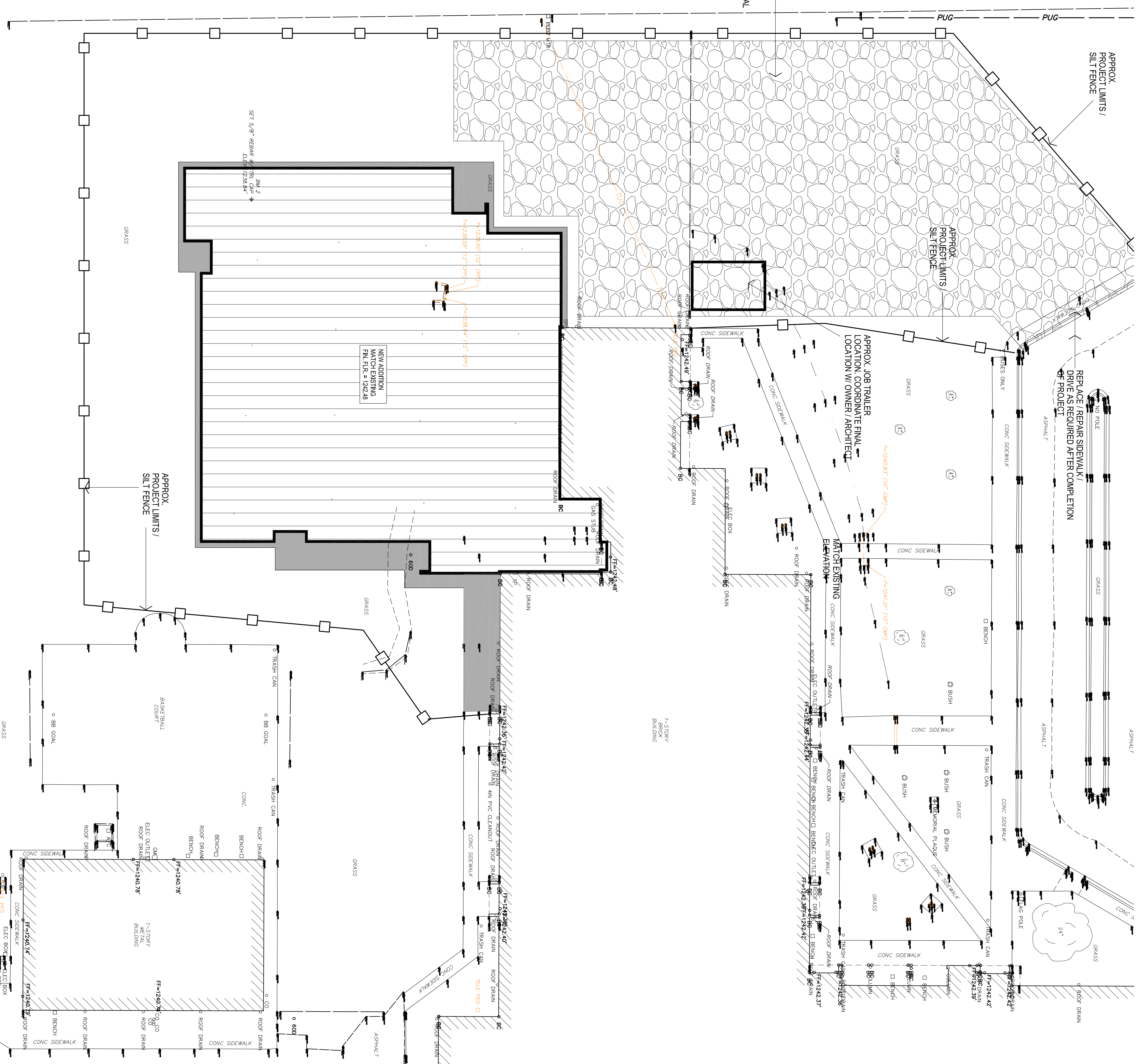
Moore Public Schools
LEARNING FOR LIFE

CLASSROOM ADDITION
HIGHLAND EAST
JUNIOR HIGH SCHOOL

Sheet No:
C601

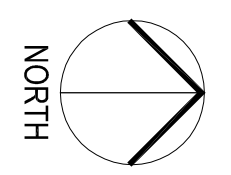
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SITE LAYDOWN / ENTRY
GRAVEL AREA APPROX.
25,000 SQ. FT. PROVIDE
GRAVEL, MATS & TEMPORARY
PIPING TO PROVIDE
PROPER DRAINAGE DURING
CONSTRUCTION. COORDINATE FINAL
LOCATION W/ OWNER / ARCHITECT



LAYDOWN / GRAVEL SITE PLAN

1" = 20'-0"



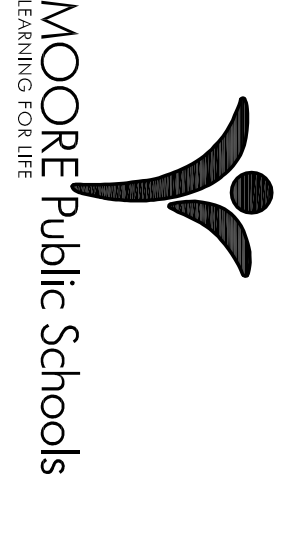
1



9/30/21

CC _____
drawn by _____
MA _____
checked by _____
date SEPTEMBER 2021
revisions _____
ADDENDUM #1

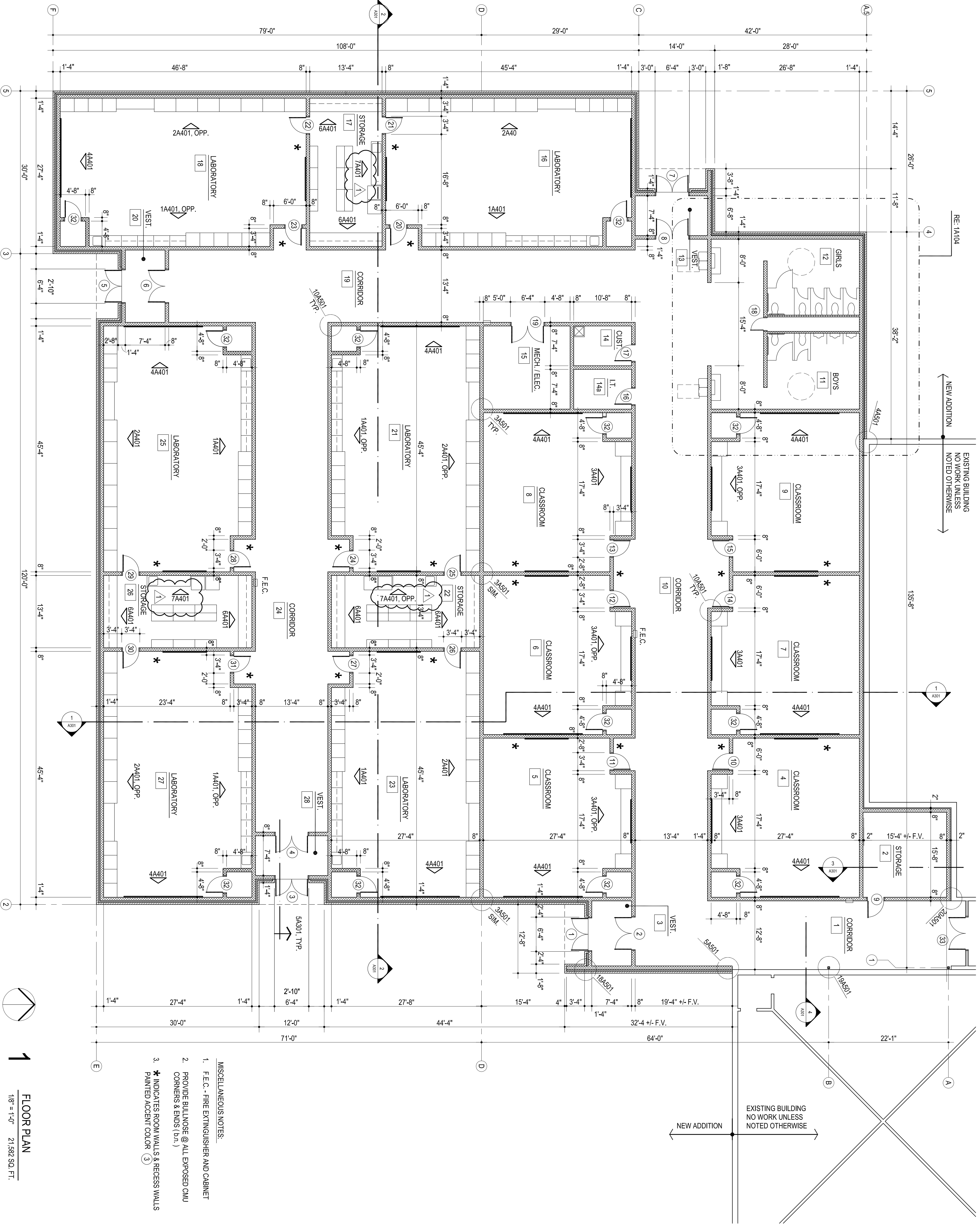
MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



CLASSROOM ADDITION
HIGH AND EAST
JUNIOR HIGH SCHOOL

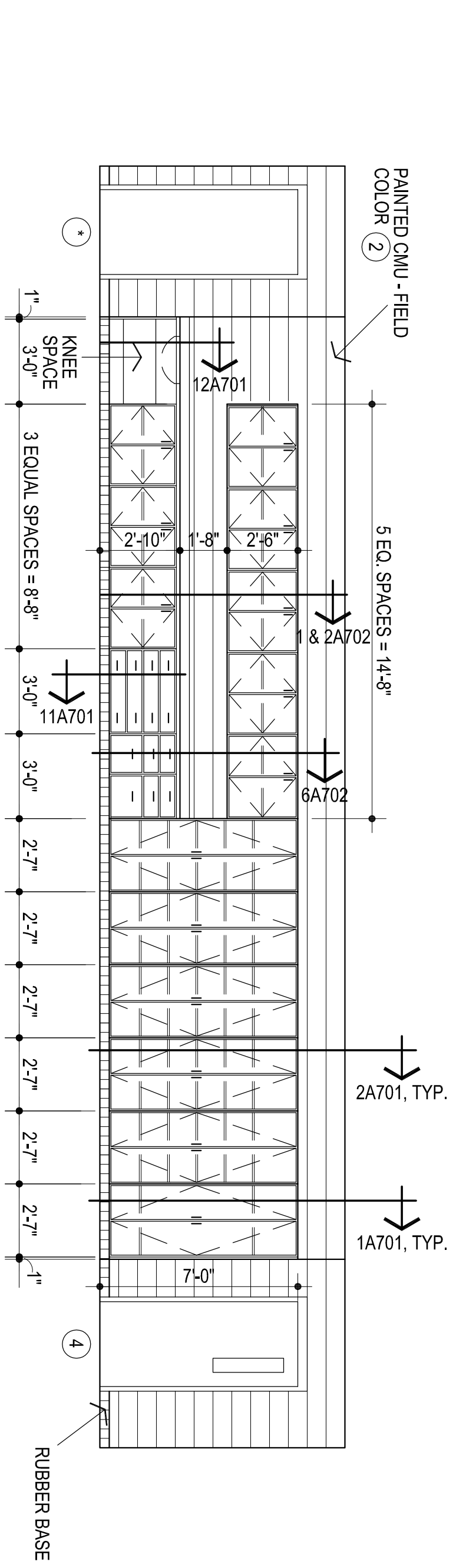
Sheet No. **A103**

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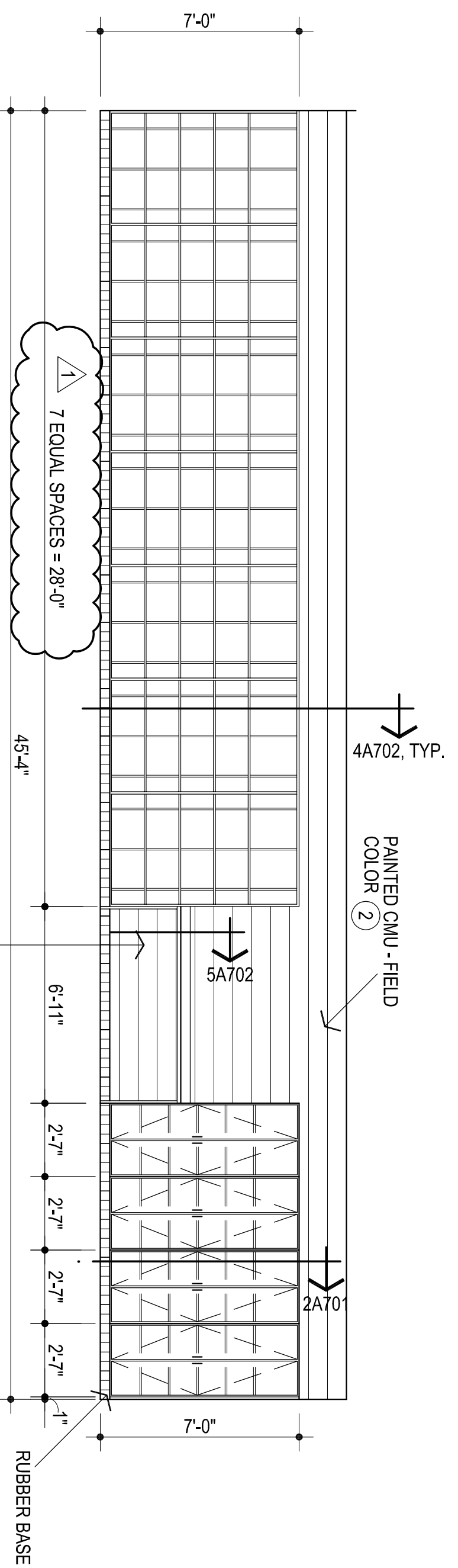


- MISCELLANEOUS NOTES:
1. F.E.C. - FIRE EXTINGUISHER AND CABINET
 2. PROVIDE BULLNOSE @ ALL EXPOSED CMU CORNERS & ENDS (b.n.)
 3. * INDICATES ROOM WALLS & RECESS WALLS PAINTED ACCENT COLOR (3)

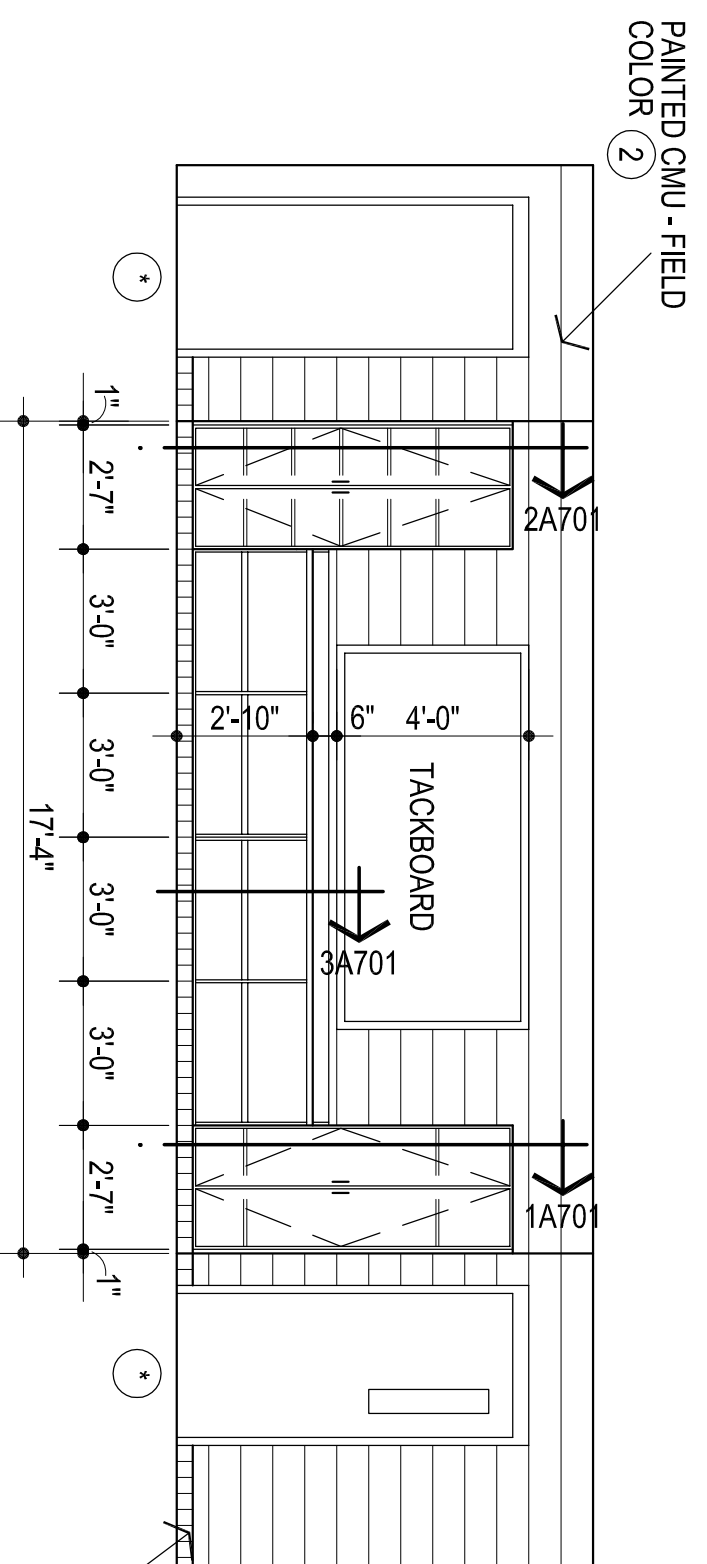
1 FLOOR PLAN
1/8" = 1'-0" 21,582 SQ. FT.



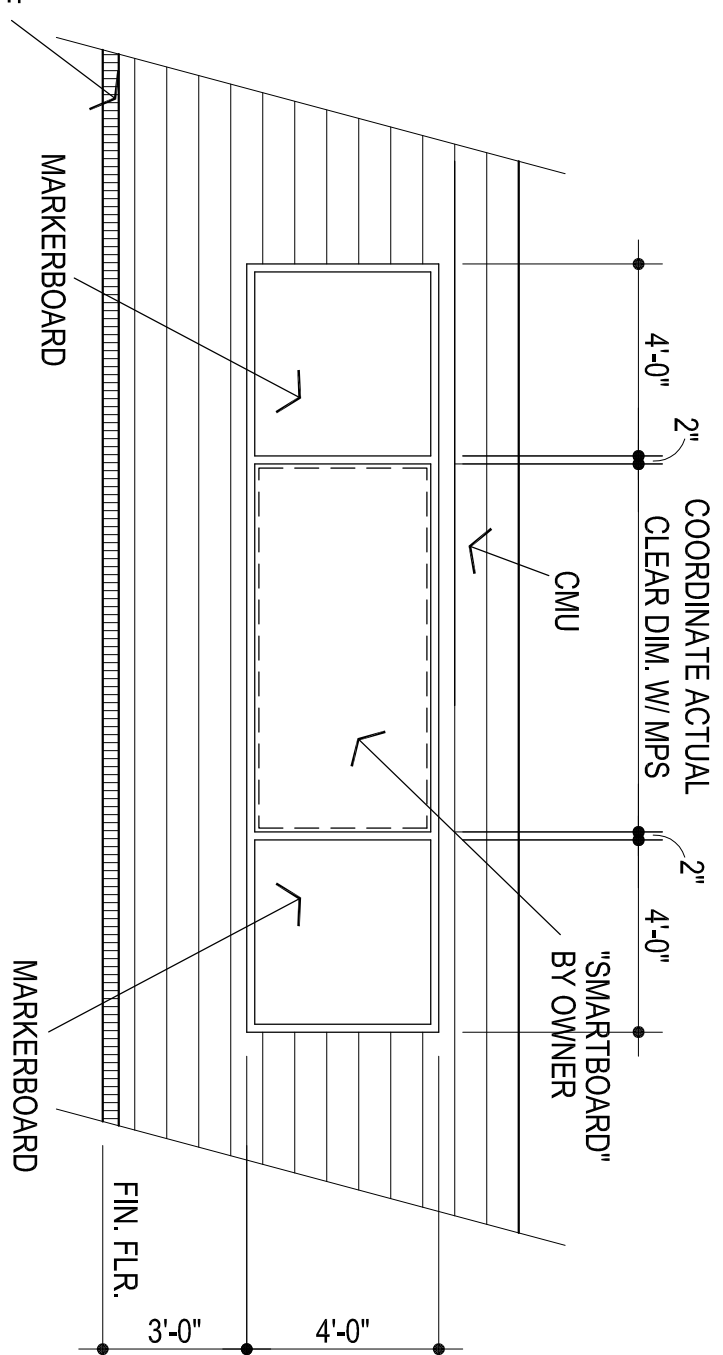
1
ELEVATION @ TYP. LAB
1/4" = 1'-0"



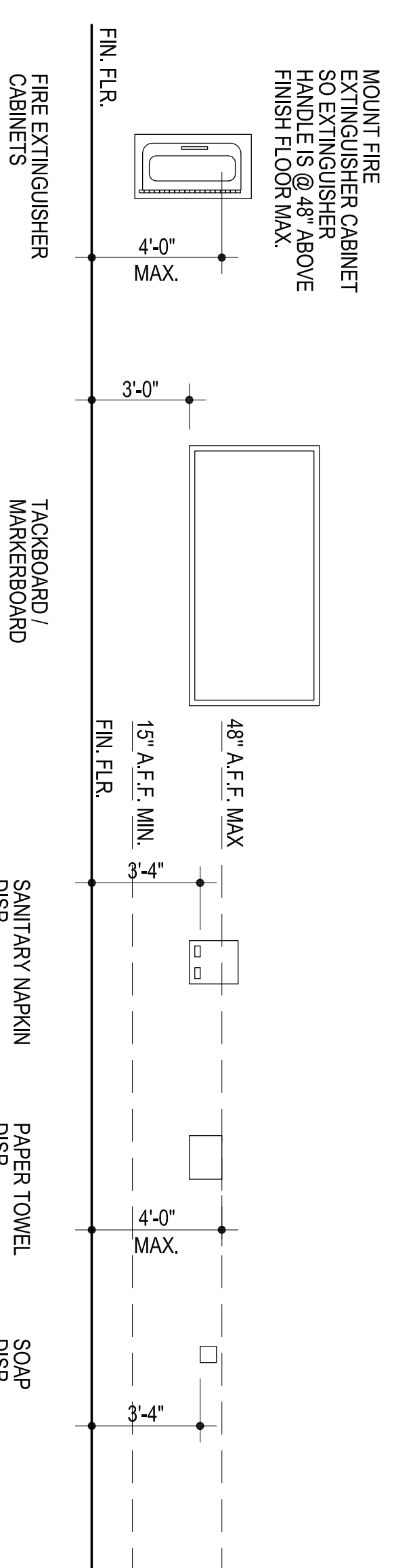
2
ELEVATION @ TYP. LAB
1/4" = 1'-0"



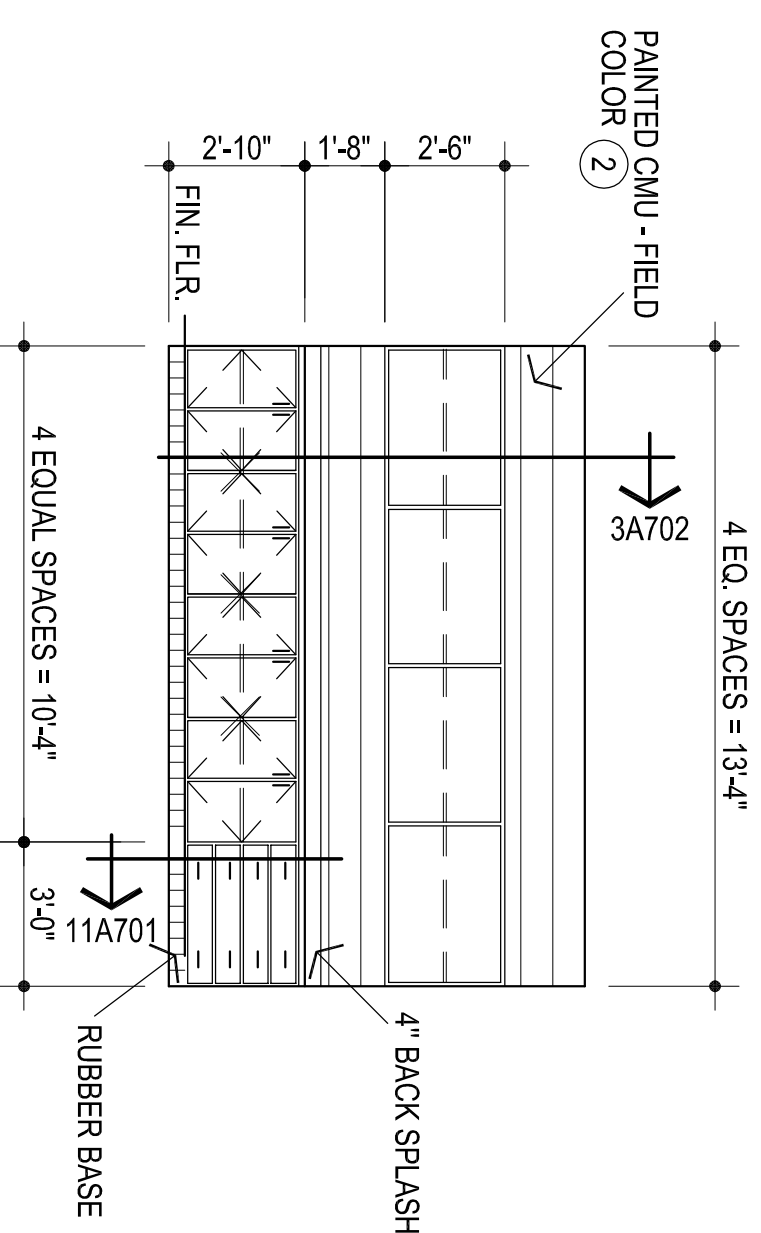
3
ELEVATION @ TYP. CLASSROOM
1/4" = 1'-0"



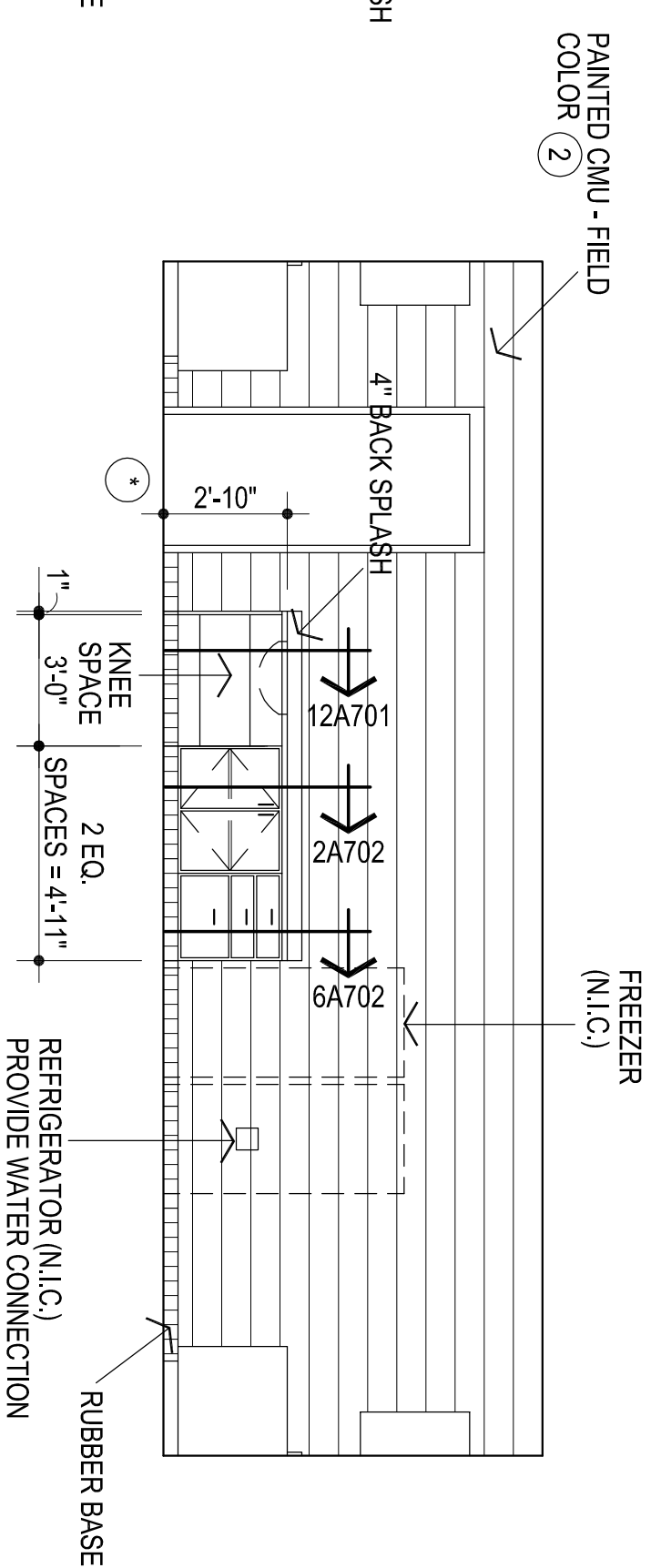
4
ELEV. @ TYP. CLASSROOM
"SMARTBOARD"
1/4" = 1'-0"



5
TYPICAL MOUNTING HEIGHTS
1/4" = 1'-0"



6
ELEVATION @ TYP. STORAGE ROOM
1/4" = 1'-0"



7
ELEVATION @ TYP. BASE CABINET - STORAGE ROOM
1/4" = 1'-0"



P. O. Box 892245 • OKC, OK 73189
OFFICE: 405-735-3992 • CELL: 405-570-7881

Request For Information

Date	January 17 th , 2022
Project	Highland East Junior High Classroom Addition
Subcontractor / Supplier	
	Address:
Manufacturer	
Spec. Section	Bid Package 5 Section 06410
Notes Below	
<p>Clay / Mike please see the RFI request below.</p> <p>AGP COMMENTS IN RED BELOW.</p> <p>Please see the following RFI's:</p> <p>Specification page 06410-1 G. Note ...Frameless European Construction acceptable. We will have to disregard paragraphs 2.01 and 2.01 on page 2 and 3, in order to make frameless cabinets. UNDERSTOOD / ACCEPTABLE</p> <p>We would like to use 3/4" Industrial Grade Particle Board for the core instead of 3/4" Plywood specified in Section page A702. As described on page 06410-2 paragraph C, D and paragraphs 2.03, 2.04, 2.05. ACCEPTABLE</p> <p>We would like to use PVC edgebanding on cabinet, shelf and drawer edges mechanically applied with hot melt adhesive. ACCEPTABLE</p> <p>We would like to use 1/4" line bored shelf pins in place of shelf standards as specified on Section page A702. This meets AWI 50lb per square foot weight load requirements. ACCEPTABLE</p> <p>These are the same standards and materials used in the many projects we have done for you in the past.</p>	

Submitted By: Chris Dysart



P. O. Box 892245 • OKC, OK 73189
OFFICE: 405-735-3992 • CELL: 405-570-7881

Request For Information

Date	January 18 th , 2022
Project	Highland East Junior High Classroom Addition
Subcontractor / Supplier	
	Address:
Manufacturer	
Spec. Section	Bid Package 5 Section 06410 RFI 2
Notes Below	
<p>Clay / Mike please see the RFI request below .</p> <p>I have a couple more questions for you:</p> <p>Drawing page A601 line 22: Melamine to be selected from MFR's standard colors. Does the architect know what color the melamine will be? White is the standard in 99% of all casework. YES</p> <p>Detail 20/A501 shows hardwood trim to be installed at corridor 1 on 7/A104. This will be painted to match the wall. We would like to install this ready to paint since it will be painted to match the wall. YES</p> <p>REVIEW BY M.A. 1-18-22</p>	

Submitted By: Chris Dysart

ADDENDUM No. 1

Client: Abla Griffin Partnership
Project Name: Highland East JH Classroom Addition
Project Location: Moore, OK

Issue Date: January 24, 2022

Owner: Moore Public Schools
Engineer: Salas O'Brien



Salas O'Brien Project No. 2021-02035-00

To: Prospective Bidders.

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated October 6, 2021, (and any previous Addenda), with amendments and additions noted below. This Addendum consists of (2) pages and (4) attachments.

Index of Attachments
Earthsmart Temperature Control proposal
E000
F101

Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may disqualify Bidder.

CHANGES TO BIDDING REQUIREMENTS

- The attached Earthsmart Temperature Control proposal shall be included as part of the mechanical bid for this project.



CHANGES TO THE DRAWINGS

Revisions have been made to the following drawings and are issued in the form of written comments below.

- **PLUMBING**

- P601 PLUMBING SCHEDULES

- Sink S-2: Provide Elkay sink model LRAD2219652 with rear center drain and Elkay LKAD35 offset tailpiece/strainer.

Revisions have been made to the following drawings and are issued in the form of full-size plans. Edits are indicated by a revision delta and a cloud surrounding the affected portion of the drawing.

- **FIRE PROTECTION**

- F101 Fire Protection Plan

- Add Keyed Note 5 to change Storage, Mech/Elec and Custodian rooms to type Ordinary Hazard Group 1.
 - Revise Keyed Note 2 to provide intermediate temperature sprinkler head in IT room.

- **ELECTRICAL**

- E000 Electrical Title Sheet

- Updated Type A/AE fixtures to be LED edge-lit flat panels.

APPROVAL OF ACCEPTABLE MANUFACTURERS

The following manufacturers are approved for substitution provided their product(s) conform to the general design concept expressed in the contract documents. This approval of manufacturers shall not relieve the Contractor from compliance with the requirements of the plans and specifications nor shall it imply approval of the product indicated. Products shall be submitted for Engineer review in accordance with the requirements specified within the corresponding specification section(s).

SECTION ITEM

MANUFACTURER

END OF ADDENDUM





P. O. Box 892245 • OKC, OK 73189
OFFICE: 405-735-3992 • CELL: 405-570-7881

Request For Information

Date	January 24 th , 2022
Project	Highland East Junior High Classroom Addition
Subcontractor / Supplier	
	Address:
Manufacturer	
Spec. Section	Bid Package 12 Section
Notes Below	
<p>Clay / Mike please see the RFI #4 request below .</p> <p>Thanks</p> <p>Has the owner decided what type of fire protection they want in the IT room per note 2 on Fire Protection Sheet F101?</p> <p>What type of laboratories are we looking at? Chemistry, Biology, Computer? If Chemistry or Biology, will there be any flammable chemicals and will Bunsen burners be utilized?</p> <p>Sheet F101 says all rooms are light hazard. However, there are a few storage rooms and a custodian room that should be classified Ordinary. Please clarify.</p> <p>Salas O'Brien Response:</p> <ol style="list-style-type: none">1. Provide intermediate temperature sprinkler head – Refer to Addendum 1.2. Laboratories are computer type therefore no flammable chemicals or Bunsen burners.3. Storage rooms, Mech/Elec room and Custodian room shall be changed to type Ordinary Hazard group 1 – Refer to addendum 1. <p>Kevin Parsons Salas O'Brien 1/24/2022</p>	

EARTHSMART CONTROLS

5305 N Santa Fe Avenue
Oklahoma City, OK 73118

www.earthsmartcontrols.com

Phone: (405) 778-8008
Fax: (866) 676-5602

To: Moore Highland East Jr. High Addition
Attn: Estimator

January 12, 2022

This is a proposal to provide controls for the Moore Highland East Junior High Addition project.

Splits (12)

- Provide and install Honeywell 6438SR controller: Includes panel, relays, wall stat with temp/CO2, supply air sensor, 2 stage heat enable, 2 stage cooling enable, compressor 1 and 2 monitoring and CO2 sensor to control outside air damper (damper actuator by others).
- Commission the unit to ensure proper operation.

EF (2)

- Provide and install control for the exhaust fans.
- Commission the unit to ensure proper operation.

GPS Ionizers (12)

- Provide and install 12 new GPS-FC48-AC ionizers.
- Commission the unit to ensure proper operation.

Honeywell WEBS N4 Frontend

- Provide new Niagara 4 WEB-8000 (graphical user interface) and tie to existing N4 frontend.
- This WEB-8000 comes licensed for 25 devices to allow for future expansion.
- Provide 4 hours of user training.
- ***Provide 1 year parts and labor warranty.***
- Provide graphical representations of equipment listed above.
- Provide custom trending and alarming.
- Provide scheduling capabilities and remote access.

We thank you for the opportunity to bid and look forward to working with you soon.

If you have any questions, please feel free to contact us at (405) 778-8008.

Exclusions for total job: Any wiring above 24V, smoke detectors, damper actuators and anything not mentioned in this proposal.

EARTHSMART CONTROLS

5305 N Santa Fe Avenue
Oklahoma City, OK 73118

www.earthsmartcontrols.com

Phone: (405) 778-8008
Fax: (866) 676-5602

**The total price for the control work above is: \$46,450
Forty-Six Thousand Four Hundred and Fifty Dollars**



Erin Bevill
Controls Manager
EarthSmart Controls, LLC

Company: _____

Signature: _____

Date: _____

Printed Name: _____

Title: _____

PO #: _____

LIGHT FIXTURE SCHEDULE				
TYPE	SYMBOL	DESCRIPTION	MANUFACTURER	REFERENCE CATALOG #
A		2'x4' LED EDGE-LIT FLAT PANEL. 32W, 4100 LUMENS, 3500K CCT. 0-10V DIMMING.	COLUMBIA	CFP24 4135 HE
AE		2'x4' LED EDGE-LIT FLAT PANEL. 32W, 4100 LUMENS, 3500K CCT. 0-10V DIMMING, 90 MIN BATTERY BACKUP.	COLUMBIA	CFP24 4135 HE ELL14
B		4' LED SURFACE-MOUNTED LED FIXTURE. 40W, 5000 LUMENS, 3500K CCT. 0-10V DIMMING, DAMP LOCATION.	COLUMBIA	RLW4 35 ML FAW ED U
BE		4' LED SURFACE MOUNTED LED FIXTURE. 40W, 5000 LUMENS, 3500K CCT. 0-10V DIMMING, DAMP LOCATION. 90 MIN BATTERY BACKUP.	COLUMBIA	RLW4 35 ML FAW ED U ELL14
C		6\"/>	LITON	CH618 ICA UED10 CR6L22 XX T35
CE		6\"/>	LITON	CH618 ICA UED10EM CR6L22 XX T35
D		2' LED STRIP FIXTURE. 18W, 2200 LUMENS, 3500K CCT. WALL MOUNTED, 0-10V DIMMING.	COLUMBIA	MPS2 35 MW CW ED U XX
EX		LED EXIT SIGN. STAINLESS STEEL FACE WITH RED LETTERS, UNIVERSAL FACE AND MOUNTING, SELF-DIAGNOSTIC, 90 MIN BATTERY BACKUP.	COMPASS	CCESRE/COEDRE
S		4' LED STRIP FIXTURE. 38W, 4800 LUMENS, 3500K CCT. SUSPENDED MOUNTING, 0-10V DIMMING.	COLUMBIA	MPS4 35 ML CPW ED U
SE		4' LED STRIP FIXTURE. 38W, 4800 LUMENS, 3500K CCT. SUSPENDED MOUNTING, 0-10V DIMMING. 90 MIN BATTERY BACKUP.	COLUMBIA	MPS4 35 ML CPW ED U ELL14
W		EXTERIOR LED WALL PACK. 45W, 5700 LUMENS, 4000K CCT. WET LOCATION, 90 MIN BATTERY BACKUP.	HUBBELL	RWL1 48L 35 4K7 3 UNV XX E

GENERAL NOTES:
EQUIVALENT ALTERNATE LIGHT FIXTURES MAY BE PROVIDED FOR BIDDING PURPOSES. THE ENGINEER DOES NOT TAKE RESPONSIBILITY FOR ENSURING ALTERNATE LIGHT FIXTURES USED FOR BIDDING ARE EQUAL; THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALTERNATE FIXTURES ARE EQUIVALENT TO THOSE SPECIFIED PRIOR TO BID. THE WINNING BID PACKAGE SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW IN ACCORDANCE WITH THE SPECIFICATIONS.

ELECTRICAL LEGEND	
	PANEL BOARD
	DISTRIBUTION PANEL BOARD
	TRANSFORMER
	UTILITY METER
	SEPARATE CIRCUIT BREAKER
	DISCONNECT
	FUSED DISCONNECT SWITCH
	EMERGENCY FUSED DISCONNECT SWITCH
	MOTOR STARTER/CONTRACTOR
	COMBINATION MOTOR STARTER
	PUSH BUTTON STATION AS NOTED
	PULL BOX, SIZE AS REQUIRED BY CODE
	ELECTRICAL CONNECTION
	MOTOR CONNECTION
	HOME RUN TO PANEL BOARD

SWITCH LEGEND	
SYMBOL	DESCRIPTION
	20A, 120/277V SPST SWITCH
	20A, 120/277V LETTER INDICATES GROUP
	20A, 120/277V 3-WAY
	20A, 120/277V 4-WAY
	DIMMER SWITCH
	KEY OPERATED SWITCH
	OCCUPANCY SENSOR SWITCH

GENERAL NOTE:
SEE SPECIFICATIONS FOR MANUFACTURERS

OCC SENSOR SCHEDULE	
SYMBOL	DESCRIPTION
	MULTI-TECHNOLOGY, CEILING MOUNTED OCCUPANCY SENSOR CAPABLE OF DISABLING AUTO ADAPTING FEATURE. PROVIDE WITH RELAY/POWER PACKS AS REQUIRED PER PLAN. (LOW VOLTAGE)

- GENERAL NOTES:
- E.C. SHALL CONTACT ARCHITECT FOR COLOR SELECTION PRIOR TO ORDER OF ANY SENSOR.
 - FOR CEILING SPACES 14 FT. A.F.F. PIR TYPE CEILING MOUNTED SENSORS SHALL BE USED.
 - WALL MOUNTED DEVICES TO MATCH MANUAL LIGHTING CONTROL.

GENERAL ELECTRICAL NOTES	
1.	CONTRACTOR TO VERIFY EXISTING ELECTRICAL CONDITIONS AND NOTIFY ARCHITECT/ENGINEER OF ANY ELECTRICAL OR CODE ISSUES PRIOR TO BID. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE AND OPERATIONAL CODE COMPLIANT SYSTEM.
2.	ALL WORK SHALL BE IN CONFORMANCE WITH NATIONAL, STATE, AND LOCAL CODES AND/OR ORDINANCES.
3.	ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER CONTRACTORS & LOCAL UTILITY. E.C. SHALL CONTACT LOCAL UTILITY FOR EXACT SERVICE REQUIREMENTS TO INCLUDE BUT NOT LIMITED TO TRANSFORMER, METERING AND CABLING. LOCAL UTILITY REQUIREMENTS SUPERSEDE DRAWINGS AND SPECIFICATIONS.
4.	SEE ARCHITECTURAL, MECHANICAL, & PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
5.	WHERE NEW OR EXISTING WIRING FOR INTERIOR DATA OR POWER WILL BE EXPOSED, SURFACE MOUNTED RACEWAY EQUAL TO WIREMOLD SERIES 5400 SHALL BE USED. SURFACE BOXES SHALL MATCH SURFACE RACEWAY. ALL PARTS AND ACCESSORIES SHALL BE INSTALLED FOR A COMPLETE SYSTEM. WHERE BOTH DATA AND POWER WIRING SHARE THE SAME RACEWAY, POWER WIRING SHALL BE SEPARATED FROM DATA WIRING AS PER NEC.
6.	ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. THEY ARE INTENDED TO GIVE APPROXIMATE LOCATIONS AND OVERALL DESIGN INTENT. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCTS, MATERIALS, AND ELECTRICAL METHODS WHICH HAVE NOT BEEN SHOWN OR INDICATED BUT ARE REQUIRED FOR A COMPLETE SYSTEM TO THE STANDARDS OF THE INDUSTRY.
7.	INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUPPORTING DEVICES FOR ADEQUATE SUPPORT OF FIXTURES FROM STRUCTURE.
8.	UPON COMPLETION OF THE ELECTRICAL WORK, THE INSTALLATION SHALL BE TESTED FOR CONTINUITY, GROUNDS, AND SHORT CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL DEMONSTRATE PROPER PERFORMANCE OF ALL SYSTEMS. ALL DEFECTIVE WORK OR MATERIALS SHALL BE REPLACED OR REPAIRED AS NECESSARY AND RETESTED.
9.	ELECTRICAL RACEWAYS THAT PENETRATE FIRE RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED AS PER THE LOCAL BUILDING CODE.
10.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE A TEMPORARY ELECTRICAL SYSTEM FOR THE PROJECT. AT LEAST ONE 120 VOLT SINGLE PHASE RECEPTACLE SHALL BE PROVIDED FOR EACH 500 SQUARE FEET OF FLOOR SPACE. SUFFICIENT TEMPORARY LIGHTING SHALL BE PROVIDED TO ALLOW ALL CONTRACTORS TO COMPLETE THEIR WORK. TEMPORARY ELECTRICAL CIRCUITS SHALL BE EQUIPPED WITH COMBINATION GROUND FAULT INTERRUPTER AND CIRCUIT BREAKER PER NEC. TEMPORARY ELECTRICAL SYSTEM SHALL BE INCLUDED IN THIS BID. USAGE CHARGES SHALL BE PAID FOR BY THE GENERAL CONTRACTOR.

ELECTRICAL ABBREVIATIONS			
AC	ABOVE COUNTERTOP	MC	MECHANICAL CONTRACTOR
AFF	ABOVE FINISH FLOOR	MCA	MINIMUM CIRCUIT AMPS
AFG	ABOVE FINISH GRADE	MDP	MAIN DISTRIBUTION PANEL
ANNC	ANNUNCIATOR	MTD	MOUNTED
CC	CONTROLS CONTRACTOR	NIC	NOT IN CONTRACT
DF	DRINKING FOUNTAIN	OCC	OCCUPANCY
EC	ELECTRICAL CONTRACTOR	PC	PLUMBING CONTRACTOR
EF	EXHAUST FAN	PNL	PANEL
EX	EXISTING	SPST	SINGLE POLE SINGLE THROW
EXR	EXISTING RELOCATED	TTB	TELEPHONE TERMINAL BOARD
GC	GENERAL CONTRACTOR	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPT	WG	WIRE GUARD
HP	HORSEPOWER	WP	WEATHER PROOF
IBC	INTERNATIONAL BUILDING CODE	20A	20 AMP
IG	ISOLATED GROUND	ø	PHASE
LV	LOW VOLTAGE	3W	3 WIRE
LVRP	LV RELAY PANEL	1P20A	SINGLE POLE 20 AMP

ELECTRICAL SHEET INDEX	
E000	ELECTRICAL TITLE SHEET
E001	ELECTRICAL SITE PLAN
E101	ELECTRICAL LIGHTING PLAN
E201	ELECTRICAL POWER PLAN
E202	ELECTRICAL POWER PLAN - ROOF
E401	ELECTRICAL ONE-LINE DIAGRAM - DEMO
E402	ELECTRICAL ONE-LINE DIAGRAM - NEW
E501	ELECTRICAL DETAILS SHEET
E601	ELECTRICAL SCHEDULES

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KFC ENGINEERING
STRUCTURAL

SALAS O'BRIEN
MECHANICAL / ELECTRICAL



DW
drawn by
TVO
checked by
SEPTEMBER 2021
date
01/25/22 ADDENDUM 1
revisions

MOORE PUBLIC SCHOOLS
BOARD OF EDUCATION
MOORE, OKLAHOMA



CLASSROOM ADDITION
HIGHLAND EAST
JUNIOR HIGH SCHOOL

sheet no:

E000

SALAS O'BRIEN
[expect a difference]

2600 Van Buren St., Suite 2635
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P: 405.364.9926 | CA#:7058 Expiration Date: 6/30/2023

Salas O'Brien Project No.: 2021-02035-00

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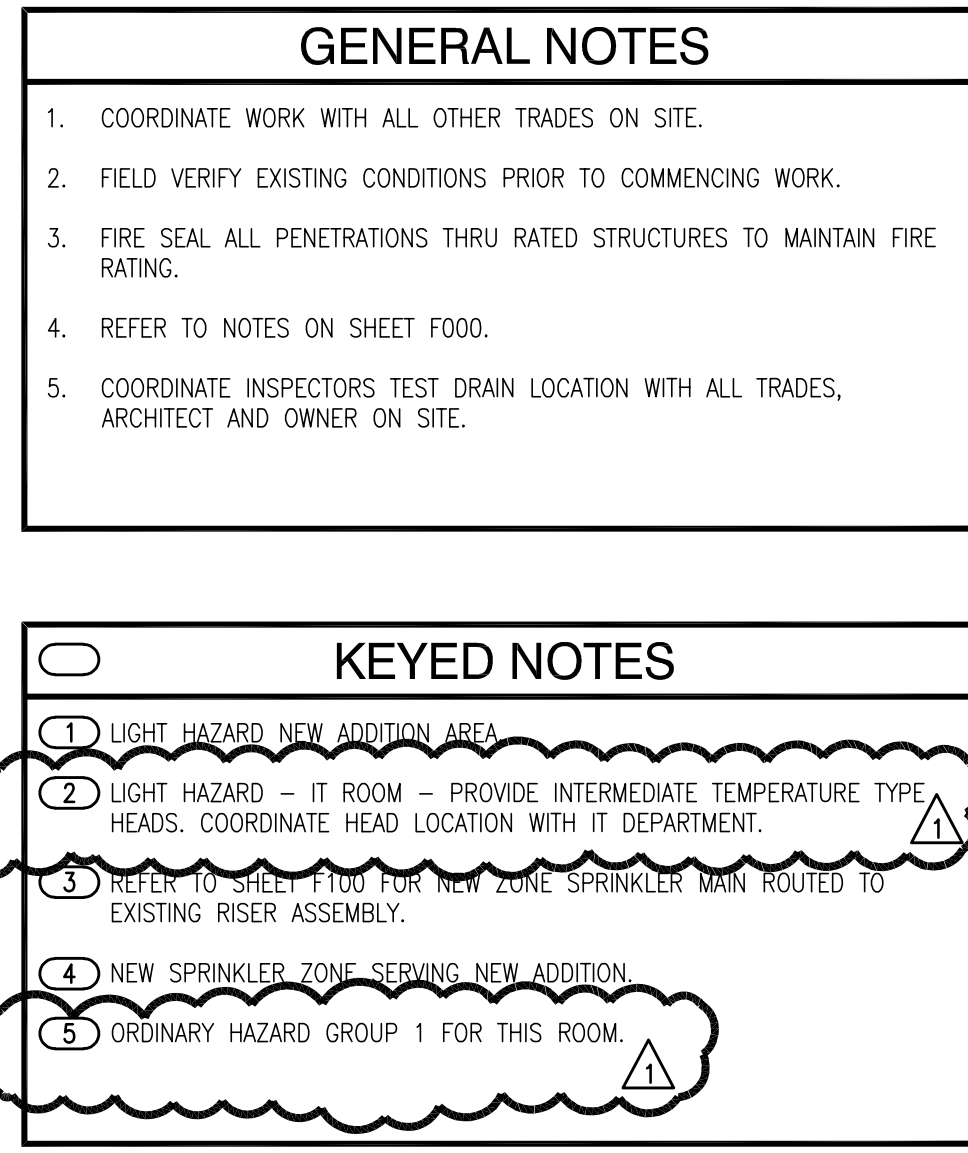
GENERAL NOTES

- COORDINATE WORK WITH ALL OTHER TRADES ON SITE.
- FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
- FIRE SEAL ALL PENETRATIONS THRU RATED STRUCTURES TO MAINTAIN FIRE RATING.
- REFER TO NOTES ON SHEET F000.
- COORDINATE INSPECTORS TEST DRAIN LOCATION WITH ALL TRADES, ARCHITECT AND OWNER ON SITE.

KEYED NOTES

- (1) LIGHT HAZARD - NEW ADDITION AREA.
- (2) LIGHT HAZARD - IT ROOM - PROVIDE INTERMEDIATE TEMPERATURE TYPE HEADS. COORDINATE HEAD LOCATION WITH IT DEPARTMENT.
- (3) REFER TO SHEET F100 FOR NEW ZONE SPRINKLER MAIN ROUTED TO EXISTING RISER ASSEMBLY.
- (4) NEW SPRINKLER ZONE SERVING NEW ADDITION.
- (5) ORDINARY HAZARD GROUP 1 FOR THIS ROOM.

1 FIRE PROTECTION PLAN
1/8" = 1'-0"



KPP
drawn by
AL
checked by
SEPTEMBER 2021
date
01/25/22 ADDENDUM 1
revisions

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CLASSROOM ADDITION
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