

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
 PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DEMOLISHED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**  
 ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

# RECORD DRAWINGS WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II

Anchorage School District

DESIGN-BUILD RFP 2021-604

ASD CONTRACT NO.: 21C0006

ASD PROJECT NO. 850039

Anchorage, Alaska



Anchorage School District



1101 Labar St. Anchorage, AK 99515  
 T: 907.276.1463

**REVISIONS**

No Description Date

**RECORD DRAWING**  
 THIS RECORD DOCUMENT HAS BEEN REVISED TO INCLUDE FIELD MARKUPS PROVIDED BY THE CONTRACTOR.

BDS ARCHITECTS HAS NOT FIELD VERIFIED THIS INFORMATION, AND DOES NOT CERTIFY THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

DATE: AUGUST 17, 2022



KEY PLAN

**SUMMARY OF WORK**

THE PROJECT WILL ABATE ALL EXISTING ASBESTOS CONTAINING MATERIALS AS NEEDED TO SUPPORT THE INDICATED SCOPE OF WORK. DEMOLISH AND REPLACE MECHANICAL, HYDRO-PNEUMATIC, DOMESTIC WATER, GAS AND FIRE SPRINKLER PIPING AND VALVES IN THE UTILIDOR AS NEEDED, AND WILL PROVIDE ACCESS BY REMOVING ABANDONED IN PLACE PIPING, ELECTRICAL CONDUIT AND EQUIPMENT. ALL ACTIVE PIPING AND ELECTRICAL CONDUIT WILL BE LOCATED OR RELOCATED TO THE SIDES OF THE UTILIDOR TO ALLOW ACCESS FOR CONSTRUCTION AND FUTURE MAINTENANCE. INDICATED FIRE WALLS AFFECTED BY THE WORK WILL BE REPLACED OR REPAIRED. AREA B AND AREA H REQUIRES THE DEMOLITION AND REPLACEMENT OF CONCRETE SLAB ON METAL DECKS, EXISTING ACCESS HATCHES, AND TILE & VCT FINISHES. AREA G & H ALSO REQUIRES THE DEMOLITION OF EXISTING GAS PIPING IN THE UTILIDOR AND SUBSEQUENT RELOCATION OF THE GAS PIPING TO THE ROOF AT AREA H & AREA I. ALL EXISTING LIFE SAFETY SYSTEMS WILL BE OPERATIONAL THROUGHOUT CONSTRUCTION AND THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION.

**OWNER**

**ANCHORAGE SCHOOL DISTRICT**  
 CALVIN MUNDT, PROJECT MANAGER  
 1301 LABAR STREET  
 ANCHORAGE, ALASKA 99515  
 907-348-5190

**CONTRACTOR**

**ROGER NICKEL CONTRACTING, INC.**  
 AARON GHAN, PROJECT MANAGER  
 907-279-1407  
 SCOTT DUNLAP, PRECON PROJECT MANAGER  
 907-236-4412  
 LARRY MCPHETERS, LEAD SUPERINTENDENT  
 279-1400  
 11001 CALASKA CIRCLE  
 ANCHORAGE, ALASKA 99515

**DESIGN CONSULTANTS**

**ARCHITECT**  
 BDS ARCHITECTS  
 DAN SEISER, ARCHITECT  
 3330 C ST, STE 200  
 ANCHORAGE, AK 99503  
 907-562-6076

**STRUCTURAL**  
 REED MIDDLETON  
 NIRS FIERRO, STRUCTURAL ENGINEER  
 4300 B ST #302  
 ANCHORAGE, AK 99503  
 907-562-3439

**MECHANICAL / ELECTRICAL**  
 RSA ENGINEERING  
 BRIAN PEKAR, MECHANICAL ENGINEER  
 XUAN TA, ELECTRICAL ENGINEER  
 670 W. FIREWEED LN #200  
 ANCHORAGE, AK 99503  
 907-276-0521

**ENVIRONMENTAL**  
 SATORI GROUP  
 ALAN CALDWELL  
 1310 E. 66TH AVE #2  
 ANCHORAGE, AK 99518  
 907-332-9456

**SHEET INDEX**

G0.01	COVER / SHEET INDEX
G1.01	CODE INFORMATION SHEET
G1.02	CODE INFORMATION SHEET
S0.01	NOTES, TESTING & INSPECTIONS
S1.01	OVERALL FLOOR PLAN
S2.01	ENLARGED PLANS
S3.01	DETAILS
A0.01	WALL TYPES & SCHEDULES
A0.02	FIRESTOPPING TYPES
A1.01	FLOOR PLAN - OVERALL
A2.01	UTILIDOR DEMO & REMODEL PLAN - AREA E
A2.02	UTILIDOR DEMO & REMODEL PLAN - AREA G
A2.03	UTILIDOR DEMO & REMODEL PLAN - AREA H
A2.04	ENLARGED PLANS & DETAILS
A3.01	REFERENCE PHOTOS
A3.02	REFERENCE PHOTOS
M0.01	MECHANICAL LEGENDS & ABBREVIATIONS
M1.01	PIPING DEMOLITION - AREA E
M1.02	PIPING DEMOLITION - AREA G
M1.03	PIPING DEMOLITION - AREA H
M1.04	PIPING DEMOLITION - AREA F
M1.05	PIPING DEMOLITION - AREA I
M1.06	PIPING DEMOLITION - AREA A
M1.07	PIPING DEMOLITION - AREA C
M1.08	ENLARGED DEMOLITION PIPING PLAN
M1.09	ENLARGED DEMOLITION PIPING PLAN
M2.01	PIPING REMODEL - AREA E
M2.02	PIPING REMODEL - AREA G
M2.03	PIPING REMODEL - AREA H
M2.04	PIPING REMODEL - AREA F
M2.05	PIPING REMODEL - AREA A
M2.06	PIPING REMODEL - AREA C
M2.07	ENLARGED REMODEL PIPING PLAN
M2.08	ENLARGED REMODEL PIPING PLAN
M3.01	ROOF PLAN - AREA G
M3.02	ROOF PLAN - AREA H
M3.03	ROOF PLAN - AREA I
E1.01	UTILIDOR DEMOLITION - AREA E
E1.02	UTILIDOR DEMOLITION - AREA G
E1.03	UTILIDOR DEMOLITION - AREA H
E2.01	UTILIDOR REMODEL - AREA E
E3.01	MDP-1 PARTIAL ONE-LINE DIAGRAM



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 T: 907.562.6076

**WEST HIGH SCHOOL  
 UTILIDOR UPGRADES -  
 PHASE II**

1700 Hillcrest Drive

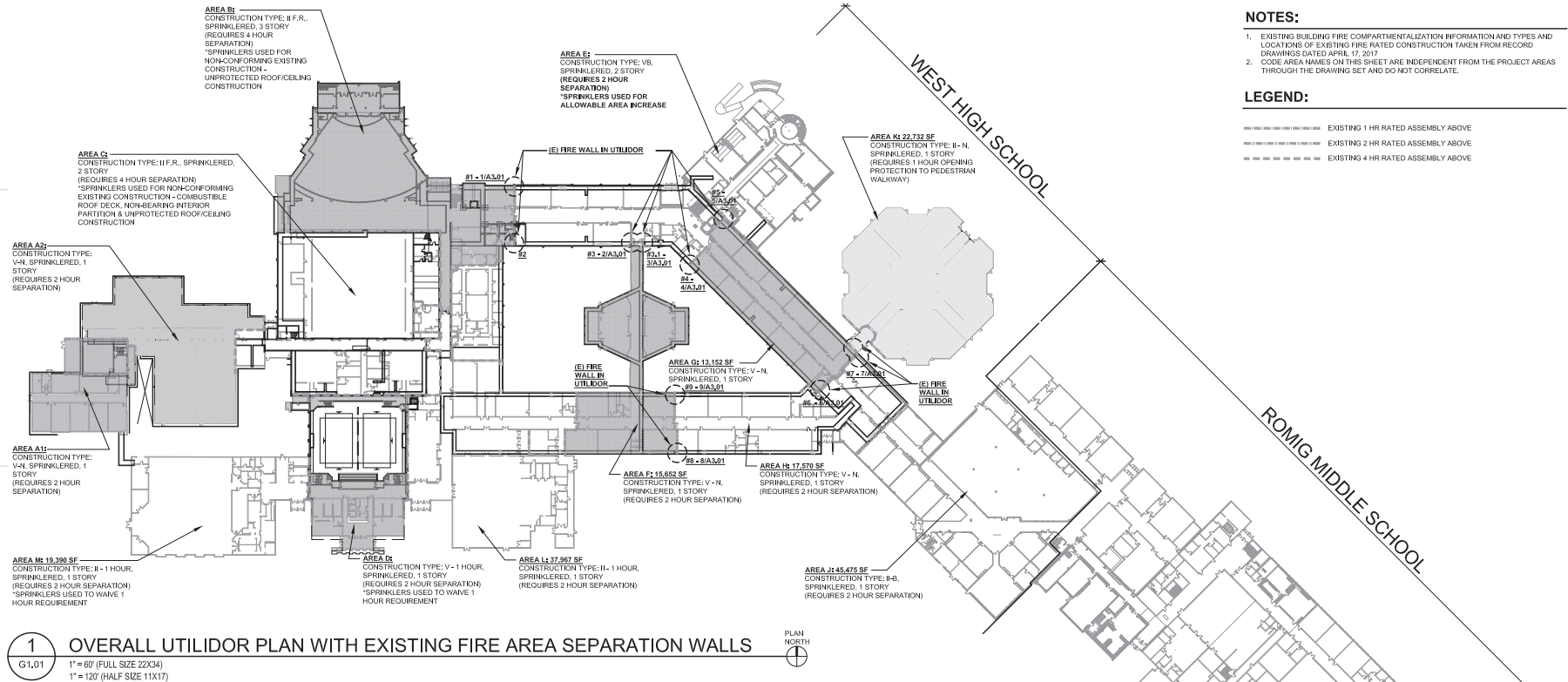
ASD Contract No.: 21C0006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORD DRAWINGS  
 AUGUST 17, 2022

COVER /  
 SHEET INDEX  
**G0.01**

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**1 OVERALL UTILIDOR PLAN WITH EXISTING FIRE AREA SEPARATION WALLS**  
 G1.01 1" = 60' (FULL SIZE 22X34)  
 1" = 120' (HALF SIZE 11X17)

**CODE INFORMATION:**

- APPLICABLE CODES:**  
 WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING CODES AS ADOPTED AND AMENDED BY THE STATE OF ALASKA AND THE MUNICIPALITY OF ANCHORAGE
- INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2018.
  - ALTERNATE 1 - LEVEL 2
  - INTERNATIONAL BUILDING CODE (IBC), 2018
  - INTERNATIONAL MECHANICAL CODE (IMC), 2018
  - UNIFORM PLUMBING CODE (UPC), 2018
  - NATIONAL ELECTRIC CODE (NEC), 2017
  - INTERNATIONAL FIRE CODE (IFC), 2018
  - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
    - CHAPTER 10 FIRE EXTINGUISHERS
    - CHAPTER 13 FIRE SPRINKLER CODE
  - AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (ADAAG), 2012 & ICC/ANSI A117.1, 2009
  - INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2018
  - ASCE 7 - 2017

**OCCUPANCY TYPE:** GROUP E (EDUCATIONAL, K-12)  
 [NOTE: THE UTILIDORS UNDER WEST HIGH SCHOOL ARE AN ACCESSORY TYPE U OCCUPANCY. USE OF THIS SPACE IS LIMITED TO BUILDING UTILITIES. MOST OF THE AREA IS LESS THAN 6 FEET HIGH. ELECTRICAL VAULTS AND PUMP ROOMS IN THE ADJACENT E OCCUPANCY SPACE IS LESS THAN 10% OF THE TOTAL SF OF THE MAIN E OCCUPANCY.]

**CONSTRUCTION TYPE:** VARIES. SEE PLAN ABOVE.

**NOTES:**

- EXISTING BUILDING FIRE COMPARTMENTALIZATION INFORMATION AND TYPES AND LOCATIONS OF EXISTING FIRE RATED CONSTRUCTION TAKEN FROM RECORD DRAWINGS DATED APRIL 17, 2017
- CODE AREA NAMES ON THIS SHEET ARE INDEPENDENT FROM THE PROJECT AREAS THROUGH THE DRAWING SET AND DO NOT CORRELATE.

**LEGEND:**

- EXISTING 1 HR RATED ASSEMBLY ABOVE
- EXISTING 2 HR RATED ASSEMBLY ABOVE
- EXISTING 4 HR RATED ASSEMBLY ABOVE



Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
 T: 907.762.1463

**REVISIONS**

No Description Date

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DATE: AUGUST 17, 2022



KEY PLAN



3330 C St, Suite 200, Anchorage, AK 99503  
 T: 907.562.6076

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**

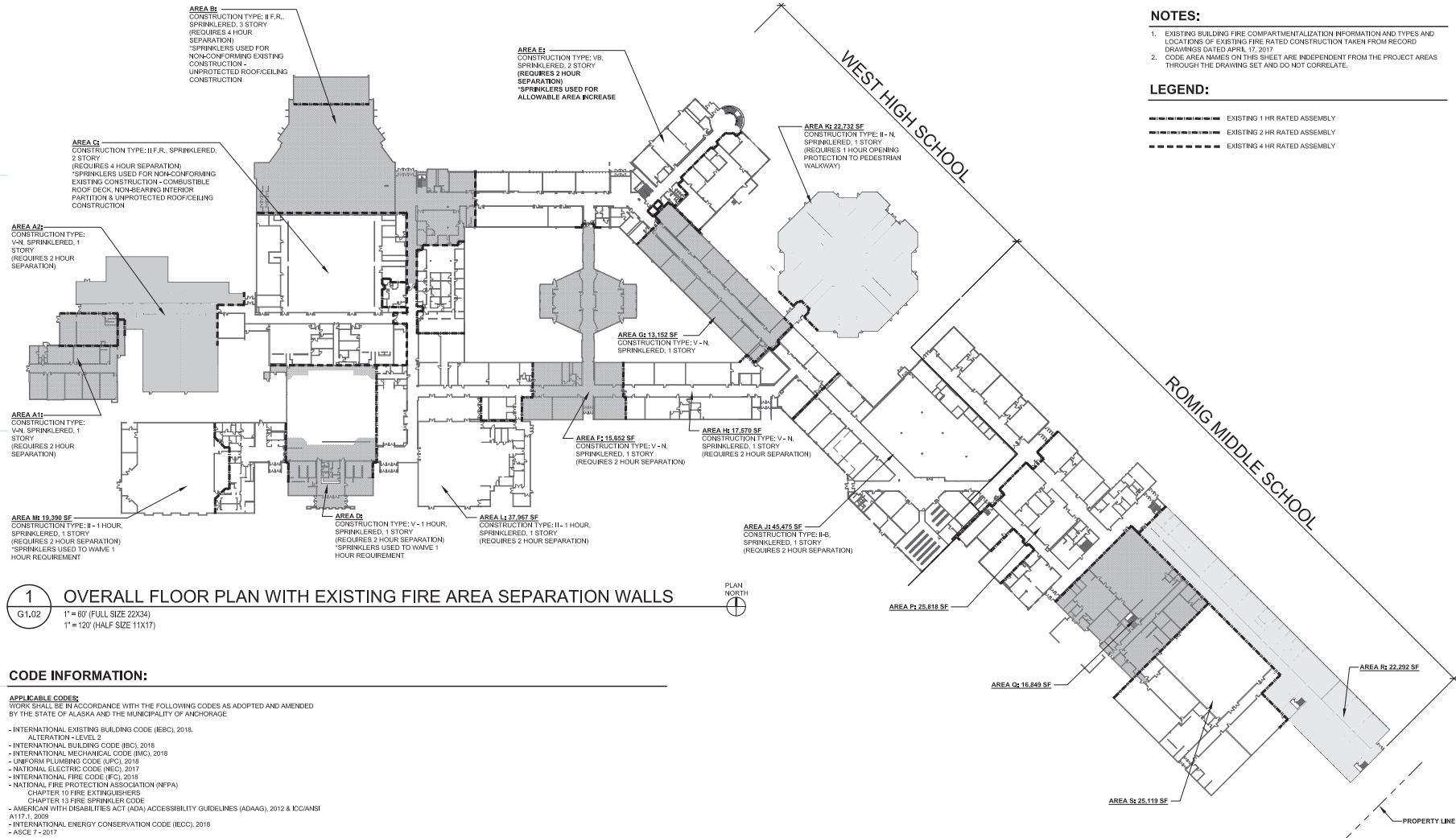
1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORD DRAWINGS  
 AUGUST 17, 2022

**CODE INFORMATION SHEET G1.01**

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**REVISIONS**  
 No Description Date

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 DATE: AUGUST 17, 2022



**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001  
 RECORDED DRAWINGS  
 AUGUST 17, 2022

**CODE INFORMATION SHEET G1.02**



Anchorage School District



11801 Casselton Circle, Anchorage, AK 99516  
T: 907.279.1400

REVISIONS  
No Description Date



RECORD DRAWING

THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM CONTRACTOR FURNISHED INFORMATION. THERE IS NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN.

DATE: 8/17/2022  
REID MIDDLETON INC.



4300 B St., Suite 302 Anchorage, AK 99503  
Phone 907.563.3439 • www.reidmiddleton.com  
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WEST HIGH SCHOOL  
UTILIDOR UPGRADES -  
PHASE II

1700 Hillcrest Drive

ASD Contract No.: 21C206  
ASD Project No.: 850039  
RM Project No.: 402021.014

RECORD DRAWINGS  
AUGUST 17, 2022

NOTES,  
TESTING, &  
INSPECTIONS  
S0.01

GENERAL

NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS.

ALL CONSTRUCTION SHALL COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE MUNICIPALITY OF ANCHORAGE (MOA).

SAFETY - THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL FEDERAL, STATE AND LOCAL SAFETY STANDARDS. THE CONTRACTOR IS IN CHARGE OF ALL SAFETY MATTERS ON AND AROUND THE JOB SITE.

STRUCTURAL DESIGN DATA

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE IBC AS AMENDED AND ADOPTED BY THE MUNICIPALITY OF ANCHORAGE. RISK CATEGORY IS III IN ACCORDANCE WITH IBC SECTION 1604.5.

THE RENOVATIONS HAVE BEEN DESIGNED FOR THE FOLLOWING OPERATIONAL LOADS. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING AND BRACING DURING CONSTRUCTION.

LIVE LOADS: FLOORS AND UTILIDOR HATCHES - 100 PSF

SEISMIC LOADS: SITE CLASS D, DESIGN CATEGORY D,  
S<sub>s</sub>=1.5, S<sub>1</sub>=0.683, S<sub>d</sub>=1.0, S<sub>d1</sub>=0.683, I<sub>p</sub>=1.5

EXISTING CONDITIONS

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING WORK. DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. EXISTING CONDITIONS SHOWN ON DRAWINGS ARE BASED ON EITHER SITE OBSERVATIONS, ORIGINAL DRAWINGS, OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF EXISTING CONDITIONS DO NOT CLOSELY MATCH CONDITIONS SHOWN ON DRAWINGS, OR IF EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY ENGINEER PRIOR TO COMMENCING WORK.

DEFERRED SUBMITTALS

THE FOLLOWING ITEMS ARE NOT INCLUDED IN THESE DRAWINGS AND REQUIRE STRUCTURAL DESIGN TO BE FURNISHED IN A FUTURE SUBMITTAL TO THE MOA:  
1. SUPPORT AND SEISMIC ANCHORAGE OF UTILIDOR PIPING.

SUBMITTALS

THE CONTRACTOR SHALL REVIEW, STAMP WITH HIS APPROVAL, DATE AND SIGN ALL SHOP DRAWINGS AND SUBMITTALS REQUIRED BY THE CONTRACT DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER. AT THE TIME OF SUBMISSION, THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DEVIATION IN THE SHOP DRAWINGS FROM THE REQUIREMENTS OF THE CONTRACT DRAWINGS. DIMENSIONS AND QUANTITIES ARE THE CONTRACTOR'S RESPONSIBILITY AND WILL NOT BE REVIEWED.

STRUCTURAL CONCRETE

- ALL CAST-IN-PLACE CONCRETE:
1. EXPOSURE F10, S0, W0, C0 (ACI 318-14, 19.3.1.1)
  2. MINIMUM 28-DAY COMPRESSIVE STRENGTH = 4,000 PSI
  3. MAXIMUM WATER/CEMENT RATIO = 0.50
  - 4.

TYPICAL REINFORCING BARS SHALL BE ASTM A615, GRADE 60.

ALL WELDED WIRE REINFORCEMENT (WWR) SHALL CONFORM TO ASTM A185 OR ASTM A497. USE 6#-W2-1#W2-1 SHEETS UON, IN SLABS ON METAL DECK AND SLABS ON GRADE.

POST-INSTALLED ANCHORS

INSTALLATION SHALL CONFORM TO MANUFACTURER'S INSTRUCTIONS AND REQUIREMENTS OF ICC-ES REPORT. ALL POST-INSTALLED ANCHORS SHALL HAVE A CURRENT ICC-ES REPORT AND BE AUTHORIZED FOR USE IN SEISMIC DESIGN CATEGORY D. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR ALL POST-INSTALLED ANCHORS UON. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED SHALL BE PERFORMED BY ACICRSI CERTIFIED PERSONNEL ONLY AND REQUIRES CONTINUOUS SPECIAL INSPECTION.

THREADED ROD SHALL BE ASTM A307, UON (OR ISO888 CLASS 5.8), TENSILE STRENGTH OF 60 KSI MIN, AND GALVANIZED WHERE EXPOSED TO THE WEATHER.

EXISTING BASE SHALL BE SCANNED PRIOR TO DRILLING HOLES. EXISTING REBAR LOCATIONS SHALL BE MARKED, AND NEW ANCHOR LOCATIONS REVISED TO AVOID EXISTING REINFORCING. NO REINFORCING BARS SHALL BE CUT TO INSTALL ANCHORS. ALL DEFECTIVE ANCHOR HOLES SHALL BE GROUTED AND A NEW HOLE DRILLED A MINIMUM OF 3 BOLT DIAMETERS AWAY.

POST-INSTALLED ANCHORS CONT

ADHESIVE ANCHORS FOR REBAR SHALL BE ONE OF THE FOLLOWING:

- DEWALT "PURE110" (ESR-3298)
- HILTI "HIT-HY 200 SAFE SET" (ESR-3187)
- EPOXY "K" (ESR-3903)
- SIMPSON "SET-XP" (ESR-2508)

EXPANSION ANCHORS SHALL BE HILTI "KWIK BOLT T2-SZ 304" (ESR-1917) OR AN APPROVED EQUIVALENT.

SCREW ANCHORS IN CONCRETE SHALL BE HILTI "KH-EZ SS316 (ESR-3027) OR AN APPROVED EQUIVALENT.

POWER-ACTUATED FASTENERS (PAF) SHALL NOT BE USED TO RESIST ANY LATERAL LOAD INDUCED BY AN EARTHQUAKE. PAF SHALL BE 0.148-INCHES IN DIAMETER AND THE ANCHOR TYPE AND POWER LOAD SHALL BE SUITED TO THE MATERIAL BEING FASTENED AND THE SUBSTRATE MATERIAL. PRODUCT SHALL BE T/W FRAMSET/RED HEAD (ESR-1799, 1955 OR 2379) OR APPROVED EQUAL. SPECIAL INSPECTION IS NOT REQUIRED FOR PAF INSTALLATION.

STRUCTURAL STEEL

- ALL SHAPES & PLATE: ASTM A36
- BOLTS: ASTM A307
- STAINLESS STEEL: ASTM A240

THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

ALL STEEL SHAPES, UON, SHALL BE HOT-DIP GALVANIZED PER ASTM A123.

STRUCTURAL STEEL DECK

ALL STEEL FLOOR DECKING SHALL MEET ASTM A 653-SS, GRADE 50. ALL DECKING SHALL BE GALVANIZED PER ASTM A653-G90. PROFILE: 1-1/2" TYPE B, SCREW-FASTENED SIDE LAPS, 18 GAUGE.

FASTEN ALL NEW STEEL DECK TO SUPPORTING MEMBERS USING #12 SELF-TAPPING GALVANIZED SCREWS SPACED AT 6-INCHES ON CENTER, UON. SIDE LAPS FASTENED USING #12 SELF-TAPPING GALVANIZED SCREWS AT 12-INCHES ON CENTER.

SPECIAL INSPECTIONS AND TESTING

THE OWNER SHALL ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC. SPECIAL INSPECTION AND TESTING OF BUILDING STRUCTURE COMPONENTS SHALL BE AS OUTLINED IN THE SPECIAL INSPECTIONS AND TESTING SCHEDULE.

COPIES OF THE SPECIAL INSPECTION AND TEST REPORTS SHALL BE DISTRIBUTED TO THE MUNICIPALITY OF ANCHORAGE BUILDING SAFETY DIVISION, THE GENERAL CONTRACTOR, THE ENGINEER OF RECORD, AND THE ARCHITECT OF RECORD. REPORTS SHALL BE COMPLETED DAILY AND DISTRIBUTED ON A WEEKLY BASIS AND SHALL BE DISTRIBUTED BY THE MONDAY FOLLOWING THE WEEK IN WHICH THE INSPECTION OR TEST WAS COMPLETED. A COPY OF ALL SPECIAL INSPECTION REPORTS, DEFICIENCIES, AND CORRECTIVE ACTIONS SHALL BE MAINTAINED AT THE JOB SITE.

STRUCTURAL OBSERVATIONS ARE NOT REQUIRED FOR THIS PROJECT.

CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE MOA, IN ACCORDANCE WITH IBC 1704.4. THE STATEMENT SHALL ACKNOWLEDGE AWARENESS OF THE SPECIAL REQUIREMENTS OF THE QUALITY ASSURANCE PLAN, ACKNOWLEDGE THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS, IDENTIFY PROCEDURES FOR EXERCISING CONTROL, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS; AND IDENTIFY PERSONS THAT WILL EXERCISE CONTROL AND THEIR QUALIFICATIONS.

SPECIAL INSPECTION & TESTING SCHEDULE			
ITEM	TYPE	REFERENCE STANDARD	REMARKS
CONCRETE:		ACI 318-14, 301-16, 302, 1R-15, ACI 311.1R-07, ACI 311.4R-05, IBC 1705.3, TABLE 1705.3	
REINFORCING MATERIALS AND PLACEMENT	P	ACI 318, Ch.20, 25.2, 25.3, 26.6.1-26.6.3	
ANCHOR RODS, EMBEDDED BOLTS & INSERTS	P	ACI 318 17.8.2	
USE OF REQUIRED MIX DESIGN	P	ACI 318, Ch. 19, 26.4.3, 26.4.4; ACI 308R-09; IBC 1904.1, 1904.2	
CONCRETE SLUMP, AIR CONTENT, TEMPERATURE & PREPARATION OF STRENGTH TEST SPECIMENS	T	ASTM, C172, C31, ACI 318: 26.5, 26.12; ACI 311.5-04	PROVIDE TEST ONCE EVERY 150 CY, OR EACH 5,000 SQ-FT OF SLABS OR WALLS, BUT AT LEAST ONCE A DAY DURING PLACEMENT. SEE NOTE 3.
CONCRETE PLACEMENT	C	ACI 318 26.5; ACI 304.2R-17	
CONCRETE CURING	P	ACI 318 26.5; ACI 308R-16	MAINTAIN PROPER TEMPERATURE AND CURING TECHNIQUE
POST-INSTALLED ANCHORS; VERIFY CERTIFICATION PRIOR TO INSTALLING HORIZONTAL OR INCLINED ADHESIVE ANCHORS	C/P (SEE NOTE)	ACI 318 17.8, 26.7.1(i); ICC-ES REPORT	PER MANUFACTURER REQUIREMENTS, INCLUDES THE DRILLING & CLEANING OUT OF THE HOLES & THE INSTALLATION OF THE ANCHORS. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED SHALL BE PERFORMED BY ACICRSI CERTIFIED PERSONNEL ONLY AND REQUIRE CONTINUOUS INSPECTION.
STEEL DECK:		2018 IBC, 1705.2.2; SDI: 2017 QA/QC TABLES 1.1 THRU 1.8.	
IDENTIFICATION OF MATERIALS CONFORM TO ASTM STANDARDS SPECIFIED	P		
MANUFACTURER'S CERTIFIED TEST REPORTS	P		
PLACEMENT AND INSTALLATION OF STEEL DECK	P		

SCHEDULE NOTES:

1. ITEMS MARKED WITH A "C" (CONTINUOUS) OR "P" (PERIODIC) REQUIRE INSPECTION BY A SPECIAL INSPECTOR.
2. ITEMS INDICATED WITH A "T" REQUIRE THE SPECIAL INSPECTOR TO OBSERVE QUALITY CONTROL TESTING BY THE CONTRACTOR.
3. WHEN TOTAL QUANTITY OF A GIVEN CLASS OF CONCRETE IS LESS THAN 5 CY, STRENGTH TESTS ARE NOT REQUIRED.

ABBREVIATIONS

@	At	BOT	Bottom	EW	Each Way	LOC	Location	PL	Plate	SS	Stainless Steel	VERT	Vertical
ADD	Additional	BTWN	Between	EXP	Expansion	LONG	Longitudinal	PLS	Places	STL	Steel	W	Wide-Flange, Wide
ADH	Adhesive	CFS	Cold-Formed Steel	FDN	Foundation	LSL	Long-Slotted	PSF	Pounds-per-square-foot	T&B	Top and Bottom	W.P.	Work Point
AFF	Above Finish Floor	CLR	Clear	FF	Finished Floor	MAX	Maximum	PSI	Pounds-per-square-inch	T/	Top of	W/	With
ALT	Alternate	COL	Column	GALV	Galvanized	MFR	Manufacturer	REQD	Required	TOB	Top of Beam	W/C	Water / Cement Ratio
ANCH	Anchors	CONC	Concrete	HORZ	Horizontal	MIN	Minimum	RO	Rough Opening	TOS	Top of Steel	W/O	Without
ARCH	Architect	CONT	Continuous, Continues	HRS	Hollow Structural Steel	(N)	New	SCH	Schedule	TOW	Top of Wall	WWR	Welded Wire Reinforcement
BLDG	Building	(E)	Existing	IBC	International Building Code	OC	On-Center	SIM	Similar	TRANS	Transverse		
BLKG	Blocking	EA	Each	INT	Interior	OH	Overhead	SOMD	Slab on Metal Deck	TYP	Typical		
BM	Beam	EQ	Equal, Earthquake	LLV	Long Leg Vertical	OPNG	Opening	SQ	Square	UON	Unless Otherwise Noted		



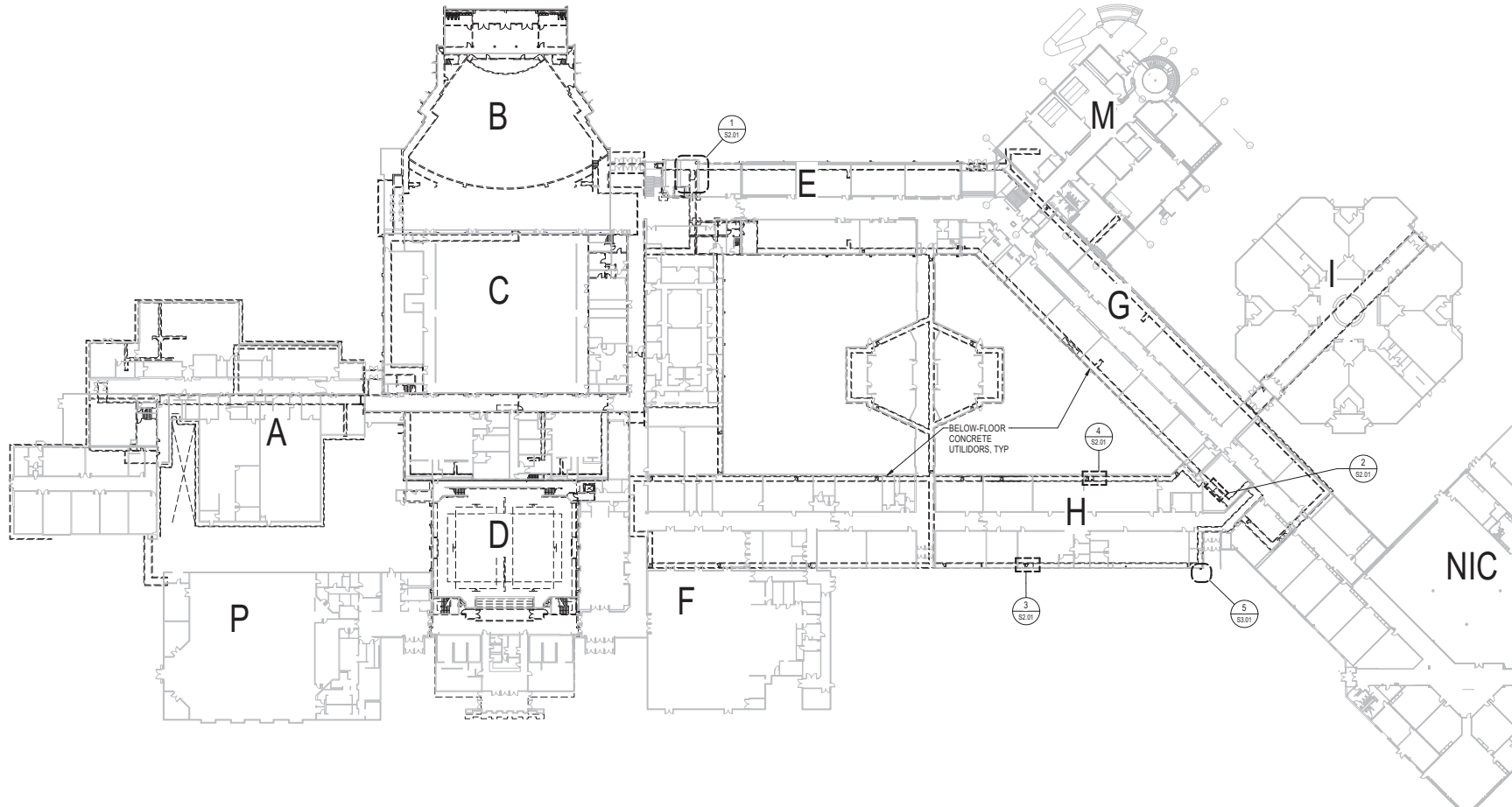
Anchorage School District

**Roper Hickel Contracting, Inc.**

11801 Kasilof Circle, Anchorage, AK 99515  
T: 907.279.1400

REVISIONS

No Description Date



RECORD DRAWING

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DATE: 8/17/2022  
REID MIDDLETON INC.

**Reid Middleton**

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WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II

1700 Hillcrest Drive

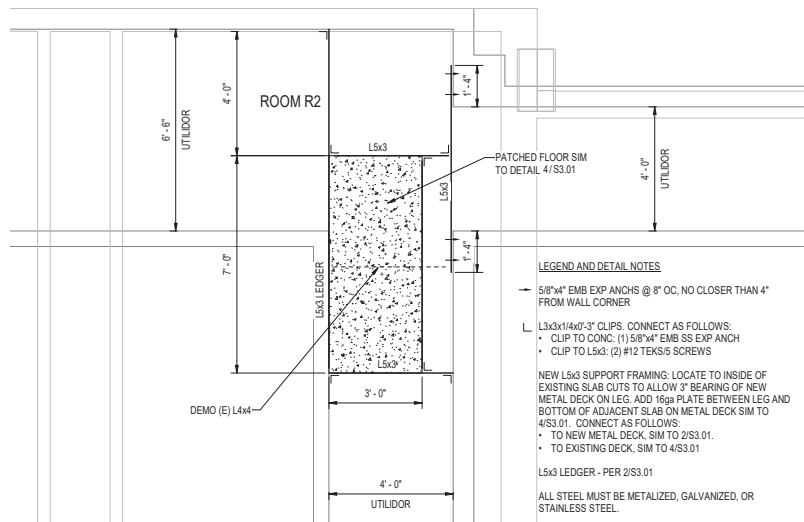
ASD Contract No.: 21C006  
ASD Project No.: 850039  
RM Project No.: 402021.014

RECORD DRAWINGS  
AUGUST 17, 2022

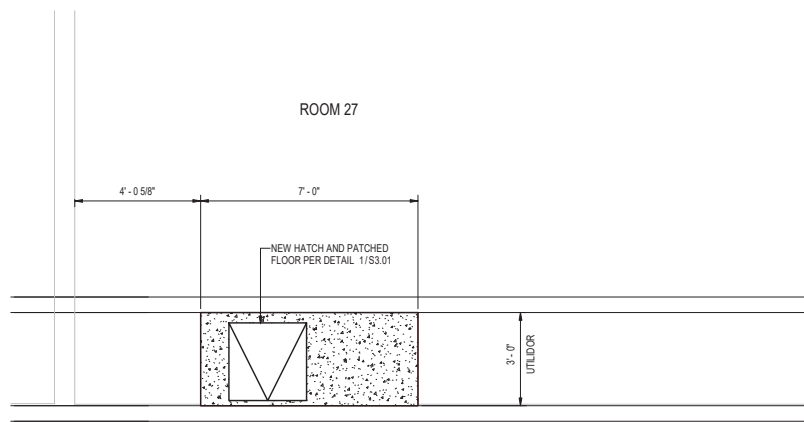
1 OVERALL FLOOR PLAN  
S1.01 1" = 40'-0"



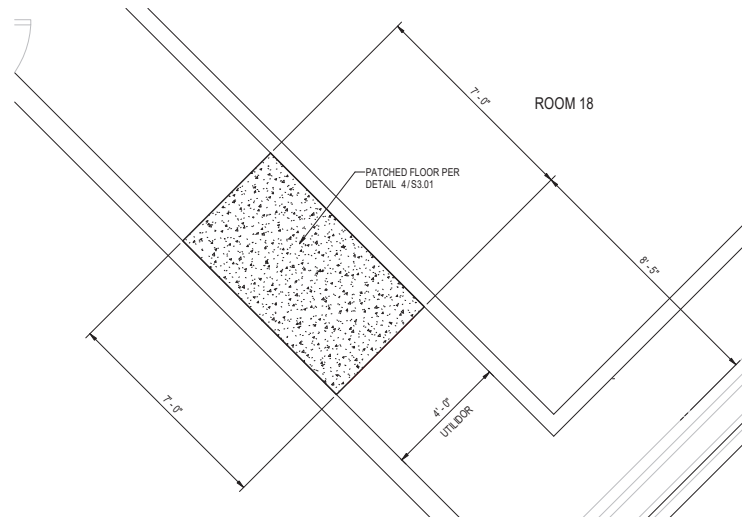
OVERALL FLOOR PLAN  
S1.01



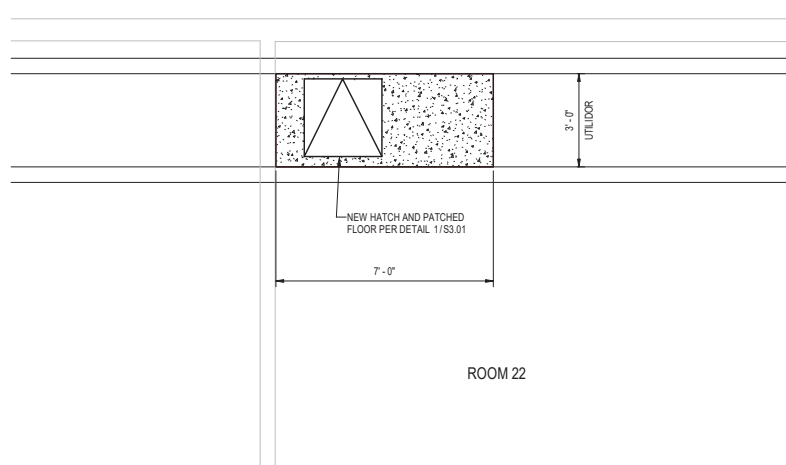
1 PARTIAL PLAN - FLOOR DEMO/PATCH B3  
1/2" = 1'-0"



3 PARTIAL PLAN - HATCH H6  
1/2" = 1'-0"



2 FLOOR DEMO/PATCH - RM 18  
1/2" = 1'-0"



4 PARTIAL PLAN - HATCH H5  
1/2" = 1'-0"



Anchorage School District



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T: 907.279.1400

REVISIONS  
No Description Date



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REID MIDDLETON INC.



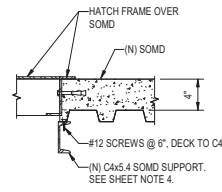
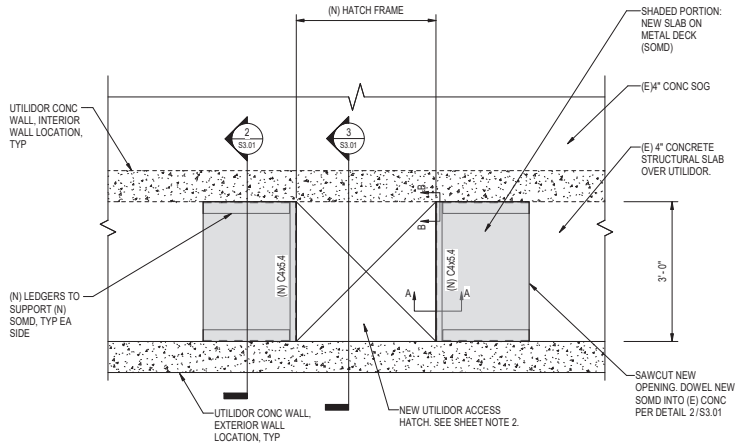
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WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II  
1700 Hillcrest Drive

ASD Contract No.: 21C006  
ASD Project No.: 850039  
RM Project No.: 402021.014

RECORD DRAWINGS  
AUGUST 17, 2022

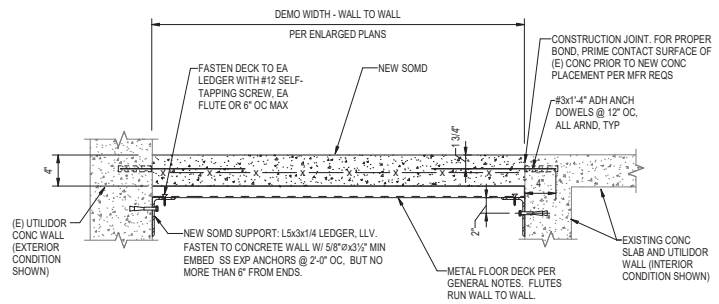
ENLARGED PLANS  
S2.01



SECTION A-A  
1/12\"/>

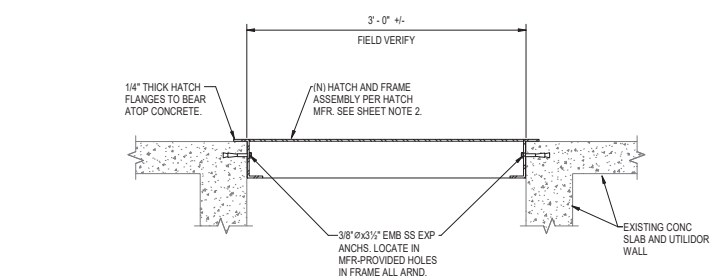
SECTION B-B  
NTS

1 TYP NEW UTILIDOR HATCH  
S3.01 3/4\"/>

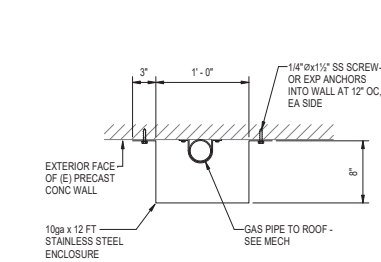


4 TYP NEW SOMD PATCH OVER UTILIDORS  
S3.01 3/4\"/>

2 TYP SECTION THRU NEW PATCH OVER UTILIDORS  
S3.01 1/12\"/>



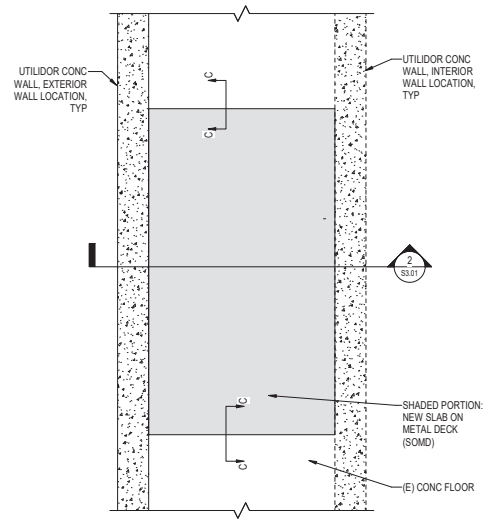
3 TYP SECTION THRU NEW HATCH OVER UTILIDORS  
S3.01 1/12\"/>



5 EXTERIOR GAS PIPE ENCLOSURE  
S3.01 1/12\"/>

SHEET NOTES

1. FIELD VERIFICATION OF PROPOSED LAYOUTS REQUIRED PRIOR TO FABRICATION OF ANY MATERIALS.
2. BASIS OF DESIGN HATCHES: NYSTROM FTRM30x30 W-SC 2-HR RATED FLOOR DOOR, 300 PSF LOAD CAPACITY.
3. ALL STEEL SHOWN MUST BE HOT-DIP GALVANIZED - OR STAINLESS STEEL WHERE INDICATED.
4. C4 BEAMS DESIGNED TO FULLY SUPPORT HATCH FRAME GRAVITY LOADS. ANCHORS INTO SURROUNDING CONCRETE STILL REQUIRED FOR POSITIVE ATTACHMENT OF FRAME INTO CONCRETE.



**Reid Middleton**  
Contracting, Inc.  
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WEST HIGH SCHOOL  
UTILIDOR UPGRADES -  
PHASE II  
1700 Hillcrest Drive

ASD Contract No.: 21C006  
ASD Project No.: 850039  
RM Project No.: 402021.014

RECORD DRAWINGS  
AUGUST 17, 2022

DETAILS  
S3.01

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
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Anchorage School District



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DATE: AUGUST 17, 2022



MEP PLAN



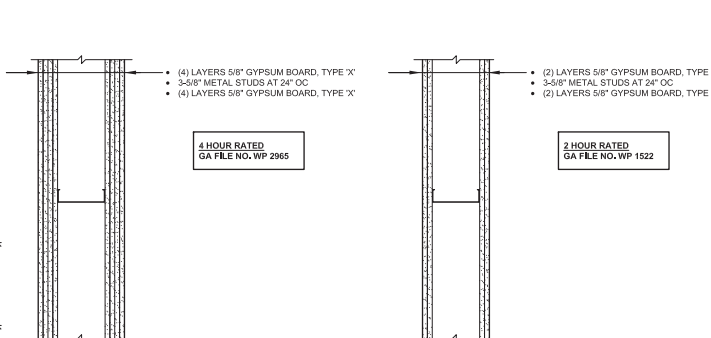
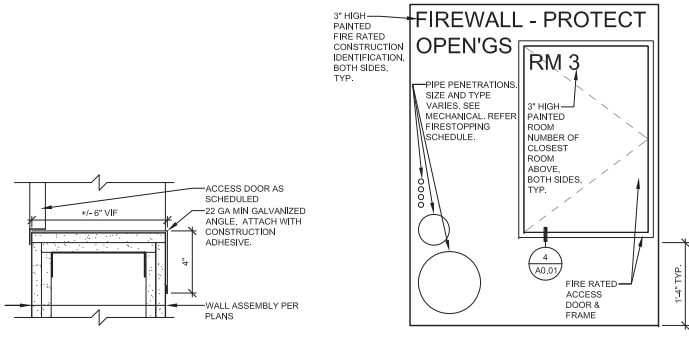
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 T: 907.262.8078

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**

1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORD DRAWINGS  
 AUGUST 17, 2022

**WALL TYPES & SCHEDULES  
 A0.01**



**NOTES:**

- BUILDING AREAS NOTED ON THIS SHEET REFER TO THE BUILDING AREAS INDICATED ON SHEET A1.01.
- ALL RATED PARTITIONS ARE TO GO FROM FLOOR TO UNDERSIDE OF STRUCTURE, UNO.
- LABEL ALL RATED CONSTRUCTION PER IBC 703.7.
- FIRE RATED ACCESS PANEL ROUGH OPENINGS TO BE LINED WITH (2) LAYERS 5/8" TYPE 'X' GYPSUM BOARD PRIOR TO ACCESS PANEL INSTALLATION.

**ACCESS PANEL SCHEDULE (SEE SHEET NOTE #4)**

ACCESS PANEL NUMBER	WIDTH	HEIGHT	THICKNESS	DOOR AND FRAME MATERIAL	RATING	REMARKS
UW6-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM 6"
UWB116-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM B116", SEE SHEET A2.03 FOR LOCATION
UW26-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM 26", SEE SHEET A2.03 FOR LOCATION
UWWR6-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM WR6"
UW8-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM 8"
UW11-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM 11", 45 MIN REQUIRED, 2 HOUR PROVIDED
UWD105-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM D105"
UWR5-1	2'-0"	3'-0"	2"	HM	90 MIN	LABEL DOOR "RM R5"

**UTILIDOR WALL SCHEDULE**

AREA	WALL DESIGNATION	WALL TYPE	FIRE RATING	WALL EXTENTS	ACCESS PANEL NO. IN WALL	REMARKS
E	UW3	V2	4 HOUR	4'-0" X 5'-4" VF	--	
E	UWB122	(E) 4 HOUR	(E) 4 HOUR	4'-0" X 5'-4" VF	--	
E	UW6	V1	2 HOUR	4'-0" X 5'-4" VF	UW6-1	
E	UWB116	V1	2 HOUR	4'-0" X 5'-4" VF	UWB116-1	
F	UW26	V1	2 HOUR	4'-0" X 5'-4" VF	UW26-1	SEE SHEET A2.03 FOR LOCATION
F	UWWR6	V1	2 HOUR	4'-0" X 5'-4" VF	UWWR6-1	SEE SHEET A2.03 FOR LOCATION
G	UW8	V1	2 HOUR	4'-0" X 5'-4" VF	UW8-1	
G	UW11	V1	2 HOUR	4'-0" X 5'-4" VF	UW11-1	
G	UWD105	V1	2 HOUR	6'-0" X 3'-0" VF	UWD105-1	1 HOUR WALL REQUIRED, 2 HOUR PROVIDED
H	UWR5	V1	2 HOUR	3'-0" X 5'-2" VF	UWR5-1	

**FIRESTOPPING SCHEDULE**

FIRESTOPPING TYPE	WALL CONSTRUCTION	PENETRATING MATERIAL	SIZE	FIRE RATING	UL ASSEMBLY #	REMARKS
FS-1	GWB/STUD	METALLIC PIPE, TUBING, OR CONDUIT	SEE A0.02	2 HOUR	W-L-1054	
FS-2	GWB/STUD	METALLIC PIPE, TUBING, OR CONDUIT	SEE A0.02	2 HOUR	W-L-1506	
FS-3	CONCRETE	METALLIC PIPE, TUBING, OR CONDUIT	SEE A0.02	4 HOUR	W-J-1071	
FS-4	GWB/STUD	METALLIC PIPE, TUBING, OR CONDUIT	SEE A0.02	4 HOUR	W-L-1111	
FS-5	GWB/STUD	POLYPROPYLENE	SEE REMARKS	2 HOUR		THIS FIRESTOP ASSEMBLY WILL SUBMITTED AS AN MOA DEFERRED SUBMITTAL.
FS-6	CONCRETE	POLYPROPYLENE	SEE REMARKS	4 HOUR		THIS FIRESTOP ASSEMBLY WILL SUBMITTED AS AN MOA DEFERRED SUBMITTAL.

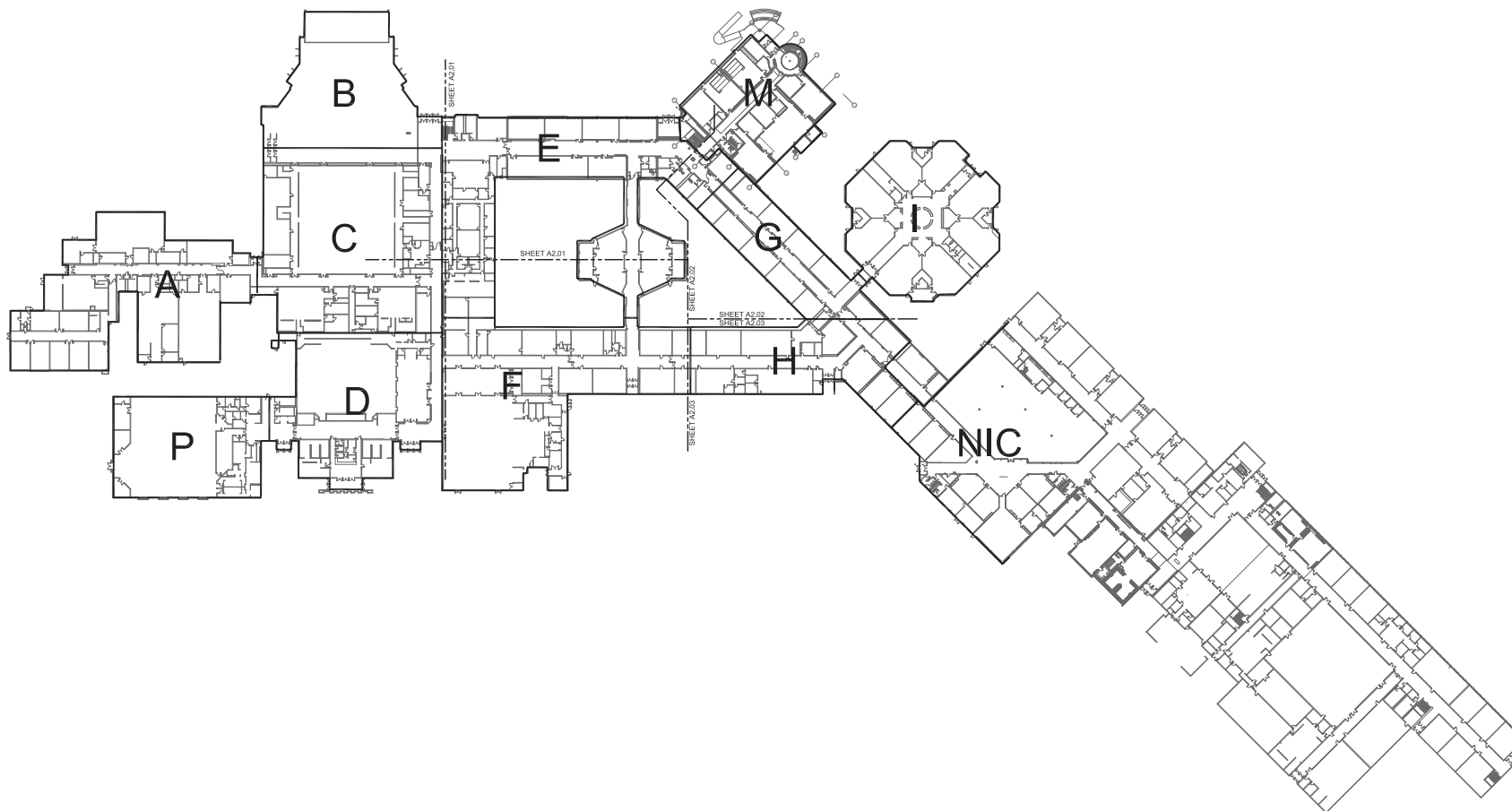


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**NOTES:**

1. AREA OF ARCHITECTURAL WORK INCLUDES: AREA E, G, H, AND I ARCHITECTURAL WORK IS LIMITED TO FINISH REPAIRS AND NEW ACCESS HATCHES RELATED TO REPLACEMENT OF EXISTING UTILITIES LOCATED IN BELOW GRADE UTILITY SPACES AND NEW ABOVE THE ROOF NATURAL GAS PIPING SUPPORTS AND PENETRATIONS.



Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
 T: 907.275.1460

**REVISIONS**

No	Description	Date

**RECORD DRAWING**  
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DATE: AUGUST 17, 2022



KEY PLAN

**BDS ARCHITECTS**

3330 C St, Suite 200, Anchorage, AK 99503  
 T: 907.562.8078

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**

1700 Hillcrest Drive

ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORD DRAWINGS  
 AUGUST 17, 2022

**1 FLOOR PLAN - OVERALL AREA PLAN**  
 A1.01  
 1" = 60' (FULL SIZE 22X34)  
 1" = 120' (HALF SIZE 11X17)



PLAN NORTH

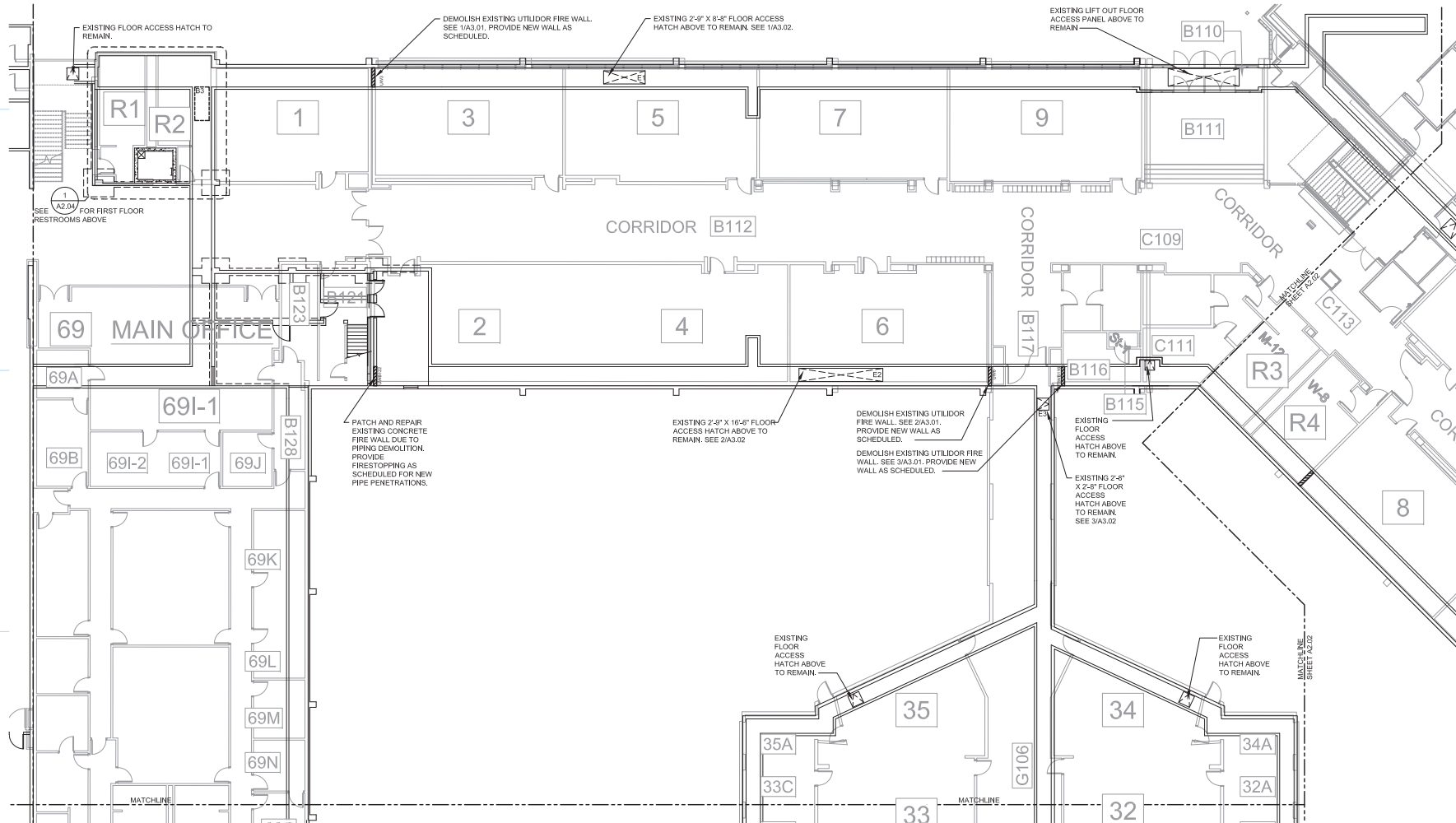
**FLOOR PLAN - OVERALL A1.01**

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**NOTES:**

1. FIRST FLOOR PLAN SHOWN IN GRAY.
2. SEE SHEET A2.01 FOR UTILIDOR WALL SCHEDULE.
3. CONTRACTOR TO PROTECT ALL EXISTING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, WALL AND FLOOR FINISHES, CASEWORK, TOILET PARTITIONS, AND BATHROOM ACCESSORIES THROUGHOUT THE DURATION OF CONSTRUCTION.



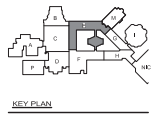
**1** UTILIDOR DEMO & REMODEL PLAN - AREA E  
 A2.01 3/32" = 1/4" (FULL SIZE 22X34)  
 3/64" = 1/4" (HALF SIZE 11X17)



**REVISIONS**

No	Description	Date

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**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORDED DRAWINGS  
 AUGUST 17, 2022  
**UTILIDOR DEMO & REMODEL PLAN - AREA E A2.01**

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**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
 T: 907.276.1463

**REVISIONS**

No Description Date

**RECORD DRAWING**  
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 DATE: AUGUST 17, 2022

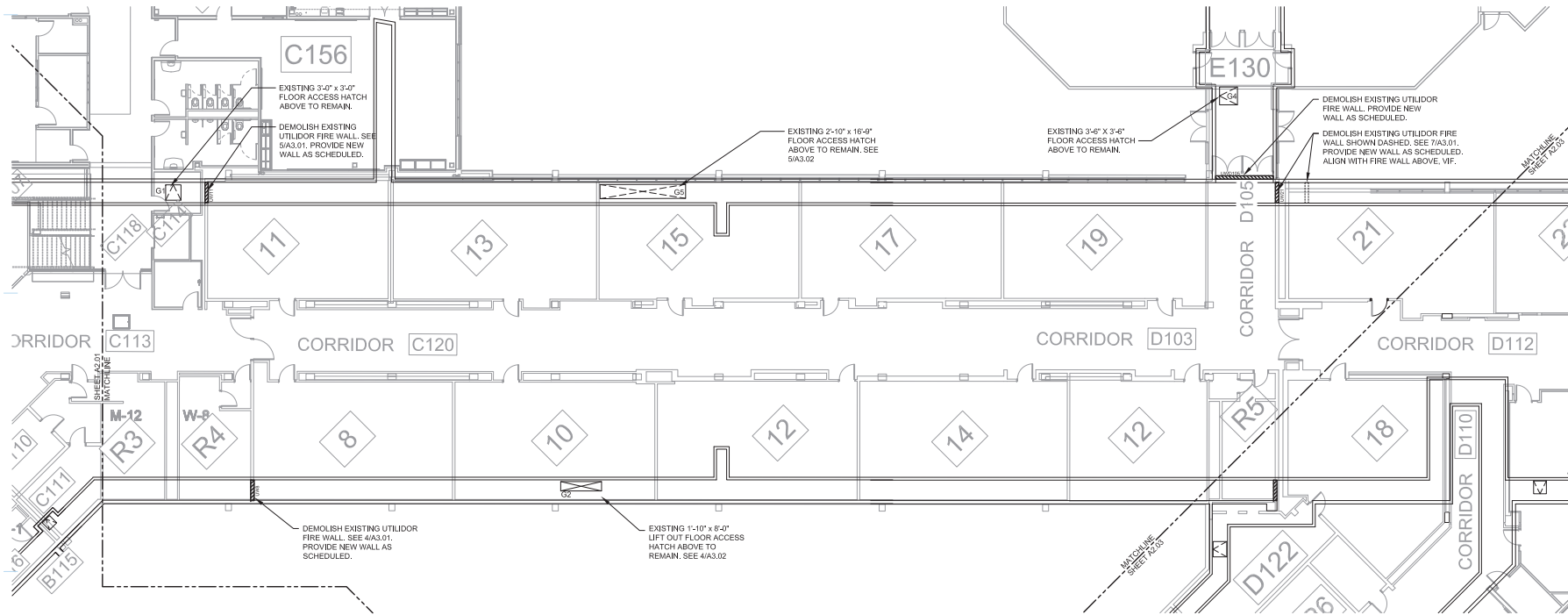


NEW PLAN

**BDS ARCHITECTS**  
 3330 C St, Suite 200, Anchorage, AK 99503  
 T: 907.562.6076

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORD DRAWINGS  
 AUGUST 17, 2022  
**UTILIDOR DEMO & REMODEL PLAN - AREA G**  
**A2.02**



**1 UTILIDOR DEMO & REMODEL PLAN - AREA G**  
 A2.02 3/32" = 1'-0" (FULL SIZE 22X34)  
 3/64" = 1'-0" (HALF SIZE 11X17)



**NOTIFICATION OF CHILD OCCUPIED FACILITY**

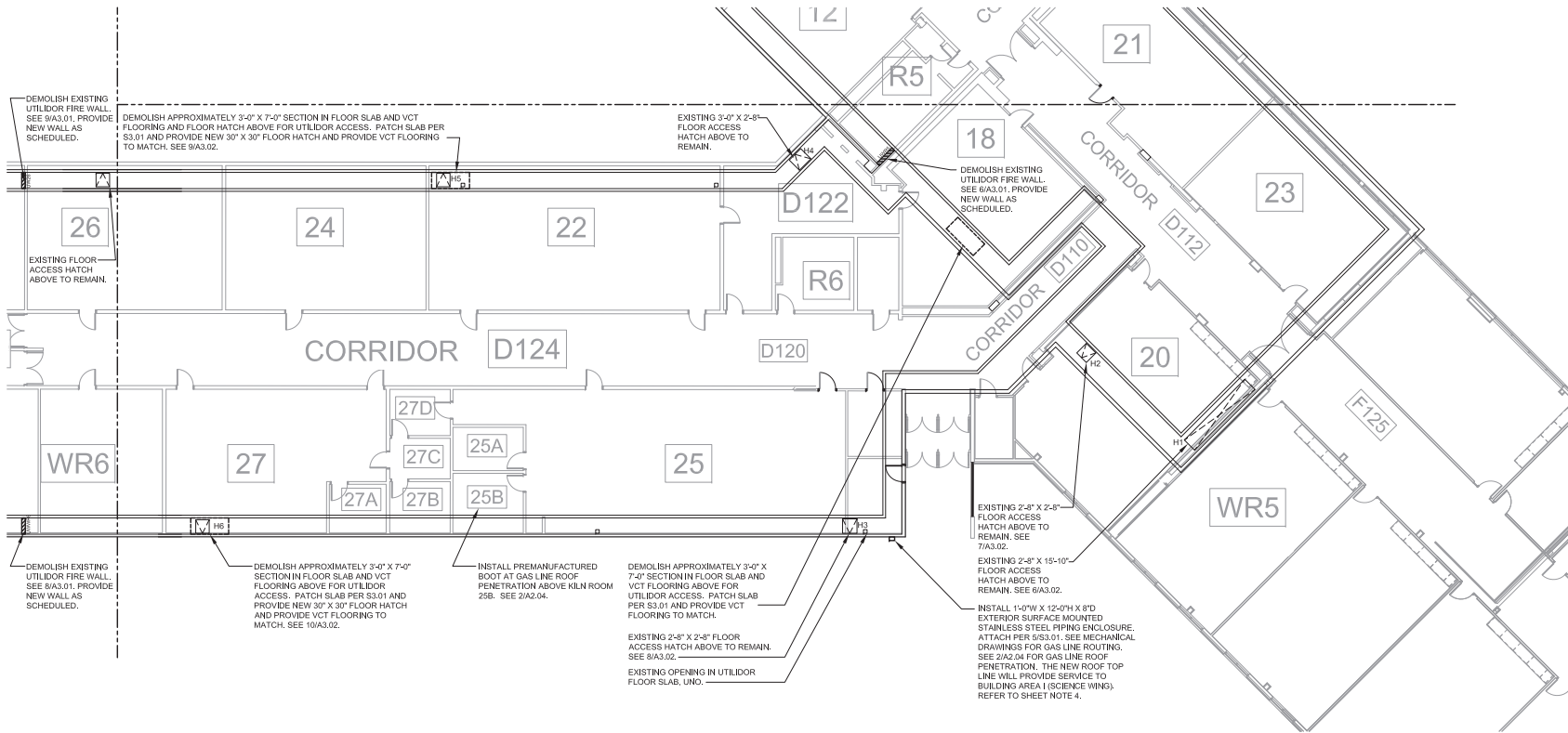
PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DEMOLISHED IN THOSE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**

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**NOTES:**

1. FIRST FLOOR PLAN SHOWN IN GRAY.
2. SEE SHEET A2.01 FOR UTILIDOR WALL SCHEDULE.
3. CONTRACTOR TO PROTECT ALL EXISTING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, WALL AND FLOOR FINISHES, CASEWORK, TOILET PARTITIONS, AND BATHROOM ACCESSORIES THROUGHOUT THE DURATION OF CONSTRUCTION.
4. CONTRACTOR TO PROVIDE 48" HIGH FIBERGLASS HIGH VISIBILITY ROD AND ASSOCIATED UNSTRUCT BRACKET ALONG EXTENTS OF ROOF TOP GAS PIPING, SPACING TO BE AS DIRECTED BY ASD.



**1** UTILIDOR DEMOL AND NEW PLAN - AREA H  
 A2.03  
 3/8" = 1'-0" (FULL SIZE 22X34)  
 3/64" = 1'-0" (HALF SIZE 11X17)



Anchorage School District

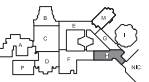
**Roger Nickel Contracting, Inc.**

1101 Graham Drive, Anchorage, AK 99515  
 T: 907.276.1460

**REVISIONS**

No	Description	Date

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NEW PLAN

**BDS ARCHITECTS**  
 3330 C St, Suite 200, Anchorage, AK 99503  
 T: 907.562.8078

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORD DRAWINGS  
 AUGUST 17, 2022  
**UTILIDOR DEMO & REMODEL PLAN - AREA H A2.03**

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**NOTES:**

- CONTRACTOR TO PROTECT ALL EXISTING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, WALL AND FLOOR FINISHES, CASEWORK, TOILET PARTITIONS, AND BATHROOM ACCESSORIES THROUGHOUT THE DURATION OF CONSTRUCTION.



Anchorage  
School District

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1101 Columbia Drive, Anchorage, AK 99515  
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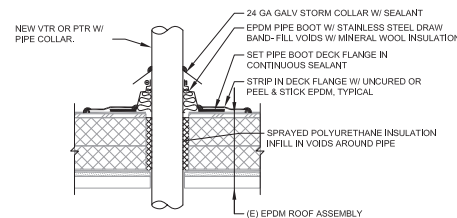
**REVISIONS**

No	Description	Date
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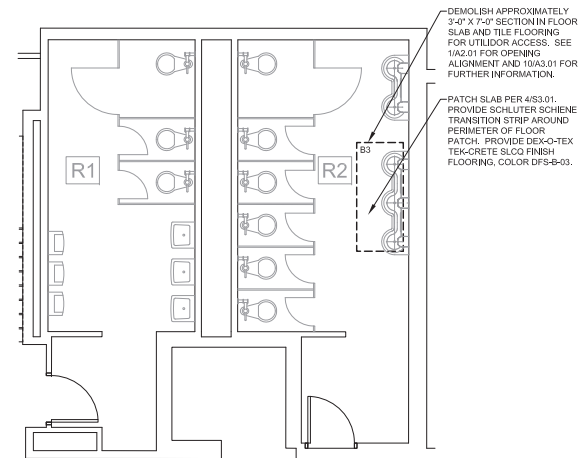
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KEY PLAN



**2** TYPICAL VTR / PTR  
 AZ.04 NTS (FULL SIZE 22X34)  
 NTS (HALF SIZE 11X17)



**1** AREA E - ENLARGED DEMO & REMODEL PLAN  
 AZ.04 1/4" = 1'-0" (FULL SIZE 22X34)  
 1/8" = 1'-0" (HALF SIZE 11X17)



ENLARGED  
PLANS &  
DETAILS  
**A2.04**

**BDS  
ARCHITECTS**

3330 C St, Suite 200, Anchorage, AK 99503  
T: 907.262.8078

**WEST HIGH SCHOOL  
UTILIDOR UPGRADES -  
PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 4210001

RECORD DRAWINGS  
AUGUST 17, 2022

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Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
 T: 907.275.1463

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DATE: AUGUST 17, 2022



REV PLAN

**BDS ARCHITECTS**

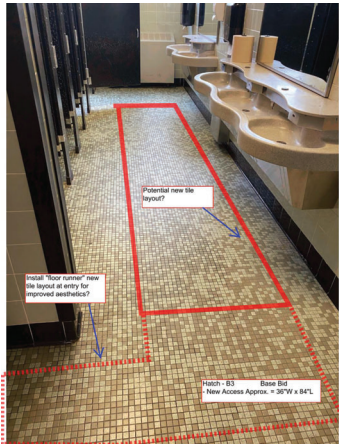
3330 C St, Suite 200, Anchorage, AK 99503  
 T: 907.562.6076

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive

ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 BDS Project No.: 421 D001

RECORDED DRAWINGS  
 AUGUST 17, 2022

REFERENCE PHOTOS  
**A3.01**



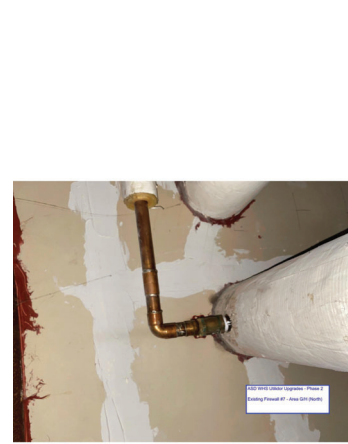
10 REFERENCE PHOTO ACCESS HATCH B3  
 A3.01 NTS



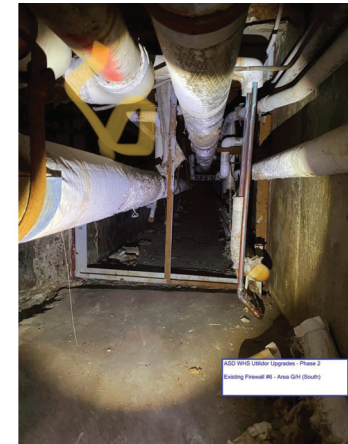
9 REFERENCE PHOTO FIRE WALL #9  
 A3.01 NTS



8 REFERENCE PHOTO FIRE WALL #8  
 A3.01 NTS



7 REFERENCE PHOTO FIRE WALL #7  
 A3.01 NTS



6 REFERENCE PHOTO FIRE WALL #6  
 A3.01 NTS



5 REFERENCE PHOTO FIRE WALL #5  
 A3.01 NTS



4 REFERENCE PHOTO FIRE WALL #4  
 A3.01 NTS



3 REFERENCE PHOTO FIRE WALL #3.1  
 A3.01 NTS



2 REFERENCE PHOTO FIRE WALL #3  
 A3.01 NTS



1 REFERENCE PHOTO FIRE WALL #1  
 A3.01 NTS

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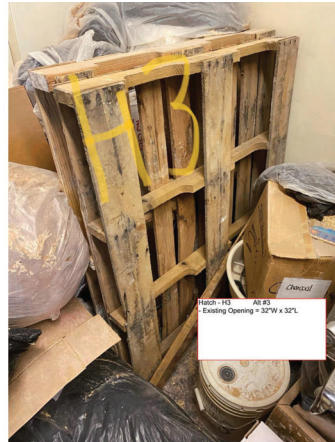
Hatch - H6 AI #3  
 Existing Opening = 32"W x 32"L

10 REFERENCE PHOTO ACCESS HATCH H6  
 A3.02 NTS



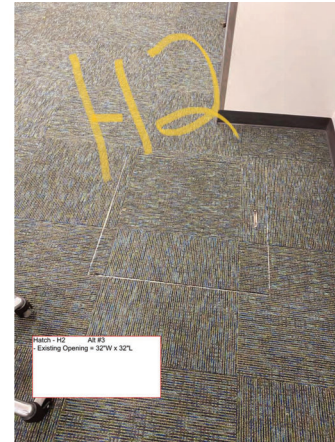
Hatch - H5 AI #3  
 Existing Opening = 32"W x 32"L

9 REFERENCE PHOTO ACCESS HATCH H5  
 A3.02 NTS



Hatch - H3 AI #3  
 Existing Opening = 32"W x 32"L

8 REFERENCE PHOTO ACCESS HATCH H3  
 A3.02 NTS



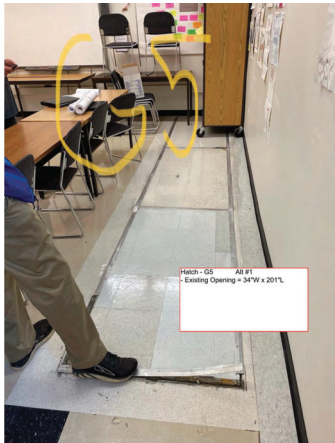
Hatch - H2 AI #3  
 Existing Opening = 32"W x 32"L

7 REFERENCE PHOTO ACCESS HATCH H2  
 A3.02 NTS



Hatch - H1 AI #3  
 Existing Opening = 32"W x 190"L

6 REFERENCE PHOTO ACCESS HATCH H1  
 A3.02 NTS



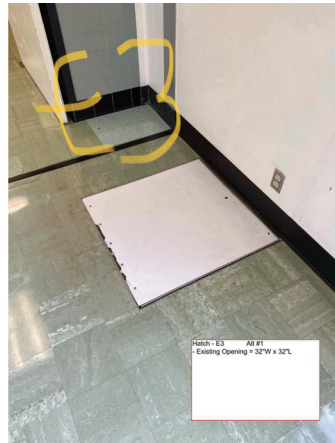
Hatch - G5 AI #1  
 Existing Opening = 34"W x 201"L

5 REFERENCE PHOTO ACCESS HATCH G5  
 A3.02 NTS



Hatch - G2 AI #2  
 Existing Opening = 22"W x 99"L

4 REFERENCE PHOTO ACCESS HATCH G2  
 A3.02 NTS



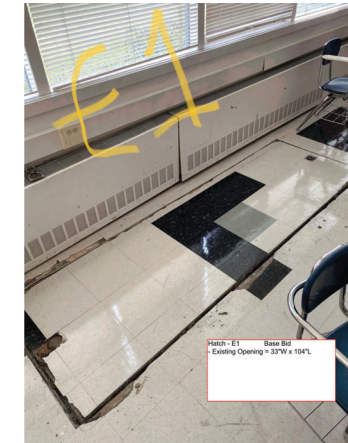
Hatch - E3 AI #1  
 Existing Opening = 32"W x 32"L

3 REFERENCE PHOTO ACCESS HATCH E3  
 A3.02 NTS



Hatch - E2 AI #1  
 Existing Opening = 33"W x 198"L

2 REFERENCE PHOTO ACCESS HATCH E2  
 A3.02 NTS



Hatch - E1 Base Bid  
 Existing Opening = 33"W x 194"L

1 REFERENCE PHOTO ACCESS HATCH E1  
 A3.02 NTS



MEV PL-04

**BDS ARCHITECTS**

3330 C St. Suite 200, Anchorage, AK 99503  
 T: 907.562.6076

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**

1700 Hillcrest Drive

ASD Contract No.: 21C006  
 ASD Project No.: 850044  
 BDS Project No.: 4210001

RECORD DRAWINGS  
 AUGUST 17, 2022

REFERENCE PHOTOS  
**A3.02**



Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Graham Drive, Anchorage, AK 99515  
7-987-275/463

REVISIONS

No Description Date  
#1 FIRESTOP DETAIL 06/21/21

NOTIFICATION OF CHILD OCCUPIED FACILITY

PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 49 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DEMOLISHED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 49 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0.1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

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ABBREVIATIONS

A	COMPRESSED AIR	FLA	FULL LOAD AMPS	O/A	OUTSIDE AIR
AAV	AUTOMATIC AIR VENT	FLR	FLOOR	OD	OUTSIDE DAMPER
ABV	ABOVE	FOS	FUEL OIL SUPPLY	OD-X	OVERFLOW DRAIN DESIGNATOR
ADA	AMERICAN WITH DISABILITIES ACT GUIDELINES	FOR	FUEL OIL RETURN	OSV	OIL SAFETY VALVE
AD	ACCESS HATCH	FFP	FINS PER FOOT	P-X	PLUMBING FIXTURE DESIGNATOR
AFF	ABOVE FINISHED FLOOR	FS-X	FLOOR SINK DESIGNATOR	PD	PRESSURE DROP
AFG	ABOVE FINISHED GRADE	FS-X	FLOOR SINK DESIGNATOR	PD1	PLUMBING AND DRAINAGE INSTITUTE
AGA	AMERICAN GAS ASSOCIATION	FT	FEET	PF-X	PRE-FILTER DESIGNATOR
AHAP	AS HIGH AS POSSIBLE	GA	GAUGE	PG	PROPYLENE GLYCOL
AIP	ABANDONED IN PLACE	GAL	GALLONS	PH	PHASE
AL	ALUMINUM	GALV	GALVANIZED	PPL	ASTM F2389 POLYPROPYLENE PIPING
AMPS	AMPERES	GI-X	GREASE INTERCEPTOR DESIGNATOR	PS1	POUND PER SQUARE INCH
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	GPH	GALLONS PER HOUR	PSIG	POUNDS PER SQUARE INCH GAUGE
ARCH	ARCHITECTURAL	QPM	GLYCOL PUMP DESIGNATOR	PVC	POLYVINYL CHLORIDE
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	GT-X	GLYCOL TANK DESIGNATOR	R/A	RETURN AIR
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	GT-D	GLYCOL TEMPERATURE DROP	RD-X	ROOF DRAIN DESIGNATOR
ASTM	AMERICAN STANDARD FOR TESTING AND MATERIALS	HB-X	HOSE BIBB DESIGNATOR	RL	RAIN LEADER
AWS	AMERICAN WELDING SOCIETY	HC-X	HEATING COIL DESIGNATOR	RPM	REVOLUTIONS PER MINUTE
AWWA	AMERICAN WATER WORKS ASSOCIATION	HD	HEAD	RP-X	RADIANT CEILING PANEL DESIGNATOR
BB-X	BASEBOARD RADIATION DESIGNATOR	HGR	HEATING GLYCOL RETURN	RTU-X	ROOF TOP UNIT DESIGNATOR
BLDG	BUILDING	HGS	HEATING GLYCOL SUPPLY	SR	SNOW MELT GLYCOL RETURN
BMI	BLACK STEEL PIPING	HOA	HAND-OFF-AUTO	SSS	SNOW MELT GLYCOL SUPPLY
BTUH	BRITISH THERMAL UNIT/HOUR	HPA	HORSEPOWER	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
CAP	CAPACITY	HW	HOT WATER	SP	STATIC PRESSURE
CC-X	COOLING COIL DESIGNATOR	HWC	HOT WATER CIRCULATED	SQ	SQUARE
CCR	COOLING GLYCOL RETURN	HWG-X	HOT WATER GENERATOR DESIGNATOR	TEMP	TEMPERATURE
CGS	COOLING GLYCOL SUPPLY	IAFMO	INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS	T'STAT	THERMOSTAT
CWS	COOLING WATER SUPPLY	IBC	INTERNATIONAL BUILDING CODE	TTL	TOTAL
CWR	COOLING WATER RETURN	IECC	INTERNATIONAL ENERGY CONSERVATION CODE	TV-X	TEMPERING VALVE DESIGNATOR
CIRC	CIRCULATING	IFC	INTERNATIONAL FIRE CODE	TW	TEMPERED WATER
CISPI	CAST IRON SOIL PIPE INSTITUTE	IFGC	INTERNATIONAL FUEL GAS CODE	TWC	TEMPERED WATER CIRCULATED
CLG	CEILING	IMC	INTERNATIONAL MECHANICAL CODE	TYP	TYPICAL
CONT	CONTINUED	IN	INCHES	UBC	UNIFORM BUILDING CODE
C.O./CO	CLEANOUT	IN. WC.	INCHES WATER COLUMN	UH-X	UNIT HEATER DESIGNATOR
CONN	CONNECTION	LAV	LAVATORY	UL	UNDERWRIERS LABORATORY
CPVC	CHLORINATED POLYVINYL CHLORIDE	LB/LBS	POUND(S)	UPC	UNIFORM PLUMBING CODE
CP-X	CIRCULATION PUMP DESIGNATOR	LF	LINEAL FEET	V	VENT
CUH-X	CABINET UNIT HEATER DESIGNATOR	LGT	LEAVING GLYCOL TEMPERATURE	VAC	VOLT-AC
CU	COPPER	LWT	LEAVING WATER TEMPERATURE	VDC	VOLT-DC
CB	COLD WATER	MAX	MAXIMUM	VTR	VENT THRU ROOF
DECIBELS		MBH	THOUSAND BTUH	W	WASTE
DDC	DIRECT DIGITAL CONTROL	MFR	MANUFACTURER	W/O	WITHOUT
DEG	DEGREE	MIN	MINIMUM	WC	WATER COLUMN
DIA	DIAMETER	MJA	MUNICIPALITY OF ANCHORAGE	WCO	WALL CLEAN OUT
DIM	DIMENSION	MTO	MOUNTED	WG	WATER GAUGE
DN	DOWN	NC	NOISE CRITERIA	WHA	WATER HAMMER ARRESTOR
DWG	DRAWING	N.C.	NORMALLY CLOSED	WPD	WATER PRESSURE DROP
EGT	ENTERING GLYCOL TEMPERATURE	NEBB	NATIONAL ENVIRONMENTAL BALANCING BUREAU	WS-X	WATER SOFTENER DESIGNATOR
ENT	ENTERING	NEC	NATIONAL ELECTRICAL CODE	WT-X	WELL TANK DESIGNATOR
EWT	ENTERING WATER TEMPERATURE	NFPA	NATIONAL FIRE PROTECTION AGENCY	YCO	YARD CLEAN OUT
EXIST	EXISTING	NO	NUMBER		
F	FAHRENHEIT	N.O.	NORMALLY OPEN		
FT-X	FINNED TUBE RADIATION DESIGNATOR	NSF	NATIONAL SANITATION FOUNDATION		
FC	FORWARD CURVE	NTS	NOT TO SCALE		
FCD	FLOOR CLEAN OUT	NT-X	NEUTRALIZING TANK DESIGNATOR		
FD-X	FLOOR DRAIN DESIGNATOR	OC	ON CENTER		
FIN	FINISHED				

LEGEND:

	LIGHT LINE DENOTES EXISTING PIPING		PRESSURE/TEMPERATURE RELIEF VALVE
	DENOTES DEMOLITION		ROUND DUCT UP & DOWN
	HEAVY LINE DENOTES NEW WORK		POINT OF CONNECTION (NEW TO EXISTING)
	HOT WATER		DETAIL NUMBER
	COLD WATER		SHEET LOCATED ON
	HEATING WATER SUPPLY		DIRECTION OF VIEW
	HEATING WATER RETURN		SECTION NUMBER
	FUEL OIL SUPPLY		SHEET LOCATED ON
	GAS		SHEET NOTES
	WASTE		RADIATION DESIGNATOR
	PIPE UP		LENGTH
	PIPE DOWN		GPM
	TEE UP		MOTOR (SIZED AS NOTED)
	TEE DOWN		HOME RUN TO PANEL (NO MARKS = 3 #12 PANEL)
	CAP		JUNCTION BOX
	UNION		DUPLEX RECEPTACLE
	DIRECTION OF FLOW		QUAD RECEPTACLE
	GATE VALVE (EXISTING)		SHADED AREA OF UTILIDORS INDICATED RESTRICTED ACCESS AREAS
	CHECK VALVE		
	CIRCULATING PUMP		
	2-WAY CONTROL VALVE		
	BALANCE/SHUT-OFF VALVE		

GENERAL NOTES (APPLIES TO ALL MECHANICAL SHEETS:

- THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A LOCATION AS DIRECTED BY THE OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- DASHED OR DOTTED LINES ON DEMOLITION INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- PROVIDE NEW ISOLATION VALVES AT ALL CONNECTIONS TO EXISTING PIPING.
- DEMOLISH ALL ABANDONED IN PLACE PIPING WHERE ENCOUNTERED, NO DEAD END PIPING TO REMAIN.
- DEMOLISH ALL HANGERS ASSOCIATED WITH DEMOLISHED PIPING.
- DEMOLISH EXISTING UTILIDOR HYDRONIC HEATING MAIN HWS AND HWR, SCIENCE AND CTE WING HWS AND HWR AND REPLACE WITH A SINGLE HWS AND HWR MAIN.
- DEMOLISH AND INSTALL NEW DOMESTIC WATER CW, HW AND HWC.
- ALL NEW PIPE TO BE PPL WITH ELECTROFUSION JOINTS.
- INSULATE NEW PIPE.
- TEST, ADJUST AND BALANCE NEW HYDRONIC HEATING SYSTEM PIPING.
- INSTALL SECTIONAL ISOLATION VALVES ON HEATING MAINS.
- REPLACE OR INSTALL NEW ISOLATION VALVES ON BRANCH PIPING.
- REMOVE ALL ABANDONED PIPE AND EQUIPMENT.
- RELOCATE ACTIVE SPRINKLER RUNNING IN THE MIDDLE OR BOTTOM OF UTILIDOR TO THE SIDES OF THE UTILIDOR TO ALLOW ACCESS FOR CONSTRUCTION AND MAINTENANCE.
- DEMOLISH AND REMOVE ALL GAS PIPING IN THE UTILIDOR. ANY AREA OF THE SCHOOL THAT REQUIRES NATURAL GAS IS TO BE FROM NEW PIPING ROUTED ABOVE THE CEILING OR ON THE ROOF.
- INSTALL BYPASS VALVES ON HEAT LINES.
- FOR PLASTIC PIPING PENETRATION THROUGH FIRE WALL, SEE DETAIL - 1/MO.01



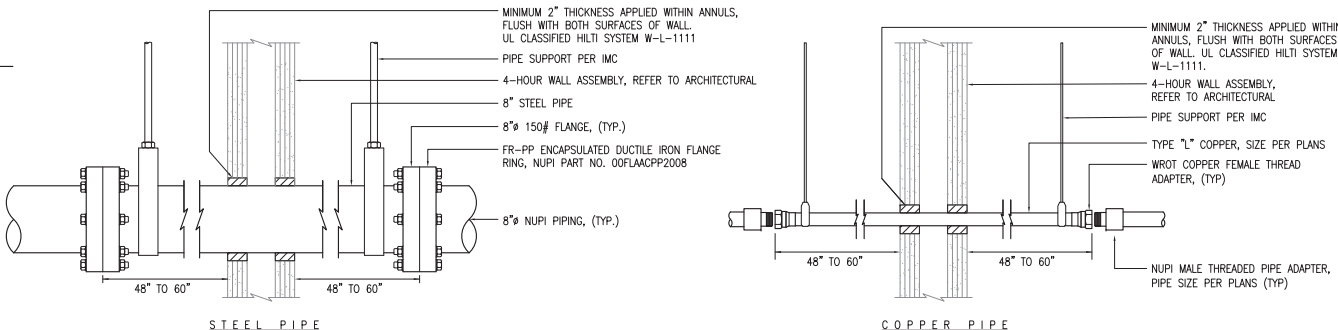
KEY PLAN

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WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II  
1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M0221  
RECORD DRAWINGS  
April 17, 2023

MECHANICAL LEGENDS & ABBREVIATIONS  
**MO.01**



1 FOUR HOUR WALL PENETRATION

NONE

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
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**NOTIFICATION OF POTENTIAL HAZARDS**  
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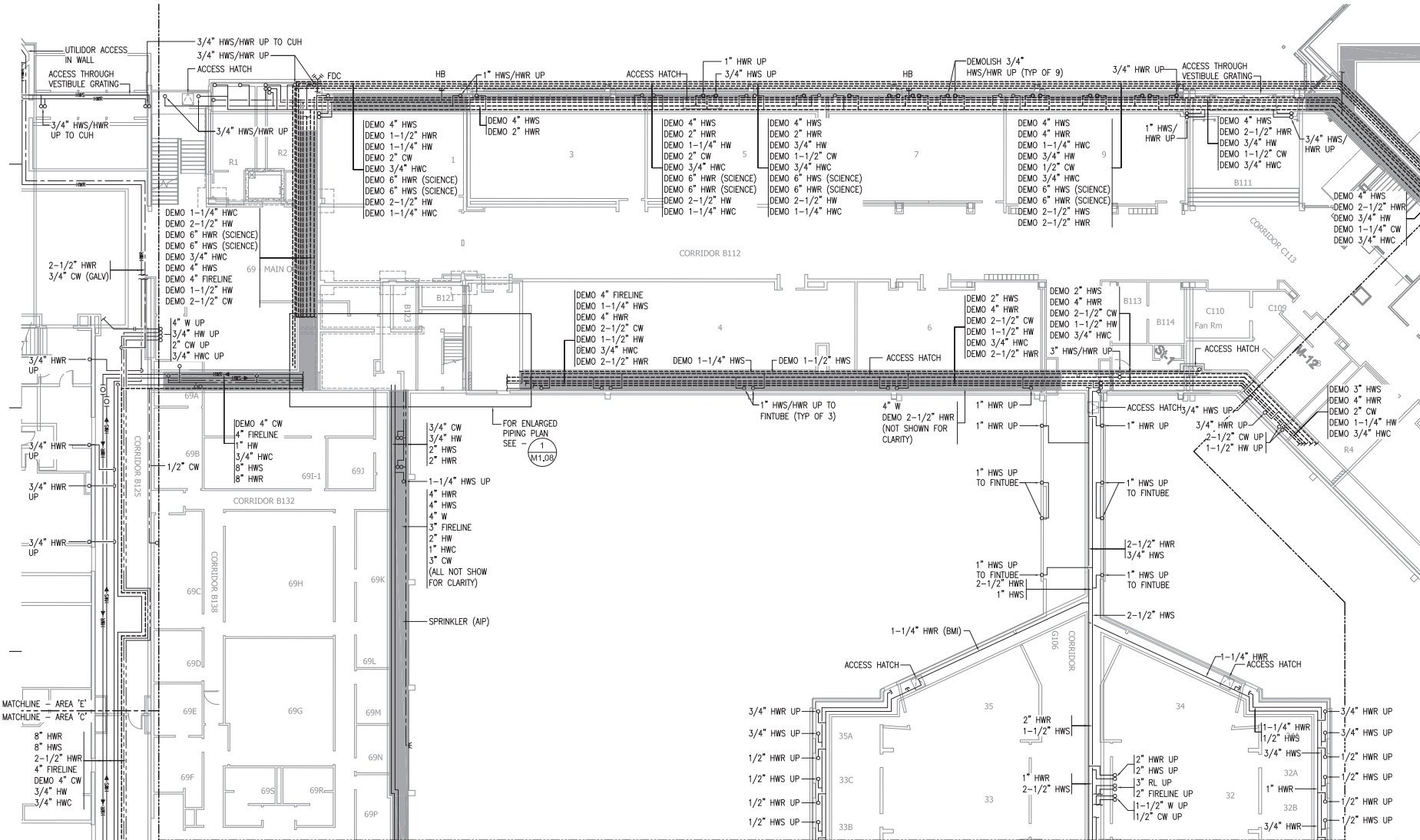
Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
 1-907-275-1403

**REVISIONS**

No	Description	Date
1	△ CW CHANGE	12/22/21



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 Corporate: MZ-AECC542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 RSA Project No.: M0221  
 RECORDED DRAWINGS  
 April 17, 2023

**1 AREA E UTILIDOR PIPING DEMOLITION PLAN**  
 3/32" = 1'-0"



**PIPING DEMOLITION - AREA E**  
**M1.01**

NOTIFICATION OF CHILD OCCUPIED FACILITY  
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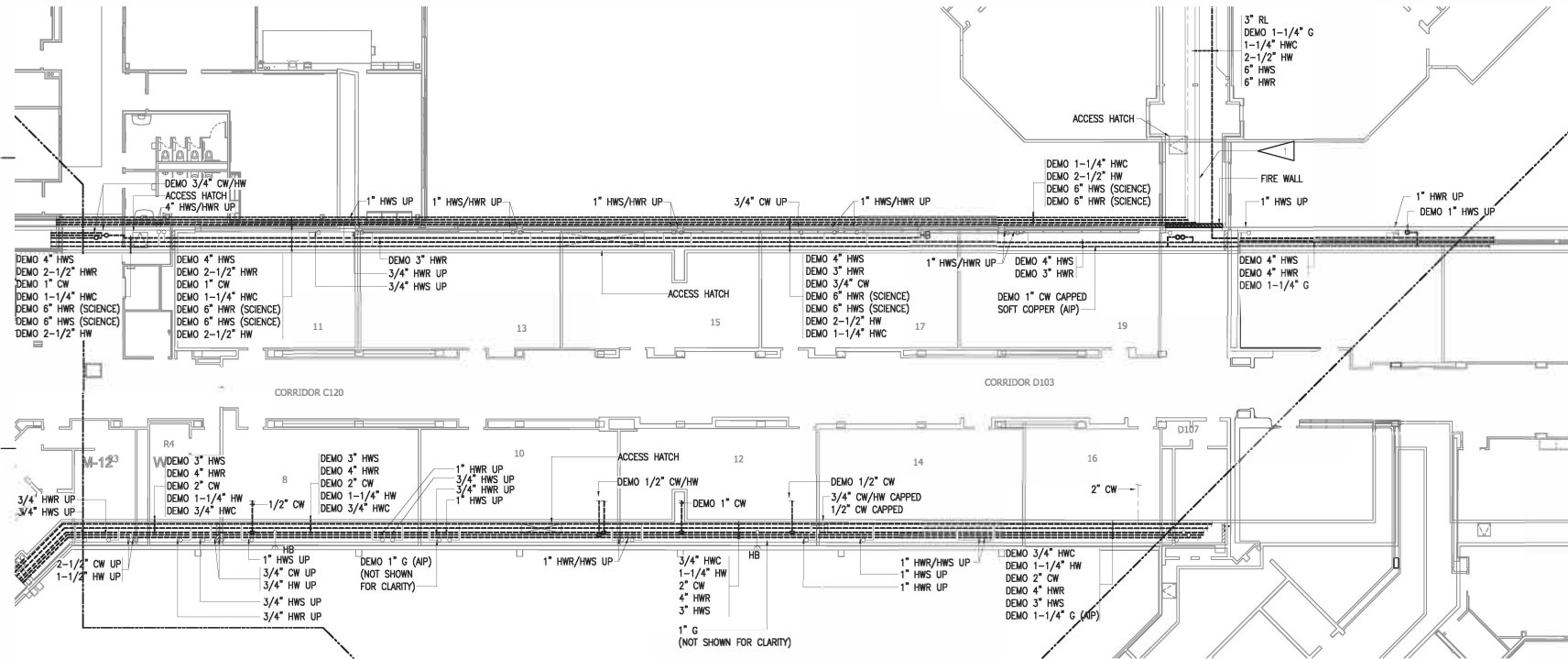
1101 Columbia Drive, Anchorage, AK 99516  
 1.907.278.1400

REVISIONS

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SHEET NOTES:

EXISTING ISOLATION VALVES TO REMAIN FOR AREA I.



PROJECT RECORD DRAWINGS

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**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850038  
 RSA Project No.: M0221  
 RECORDED DRAWING  
 April 17, 2023

1 AREA G UTILIDOR PIPING DEMOLITION PLAN  
 3/32" = 1'-0"

PIPING DEMOLITION - AREA G  
**M1.02**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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**NOTIFICATION OF POTENTIAL HAZARDS**

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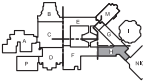
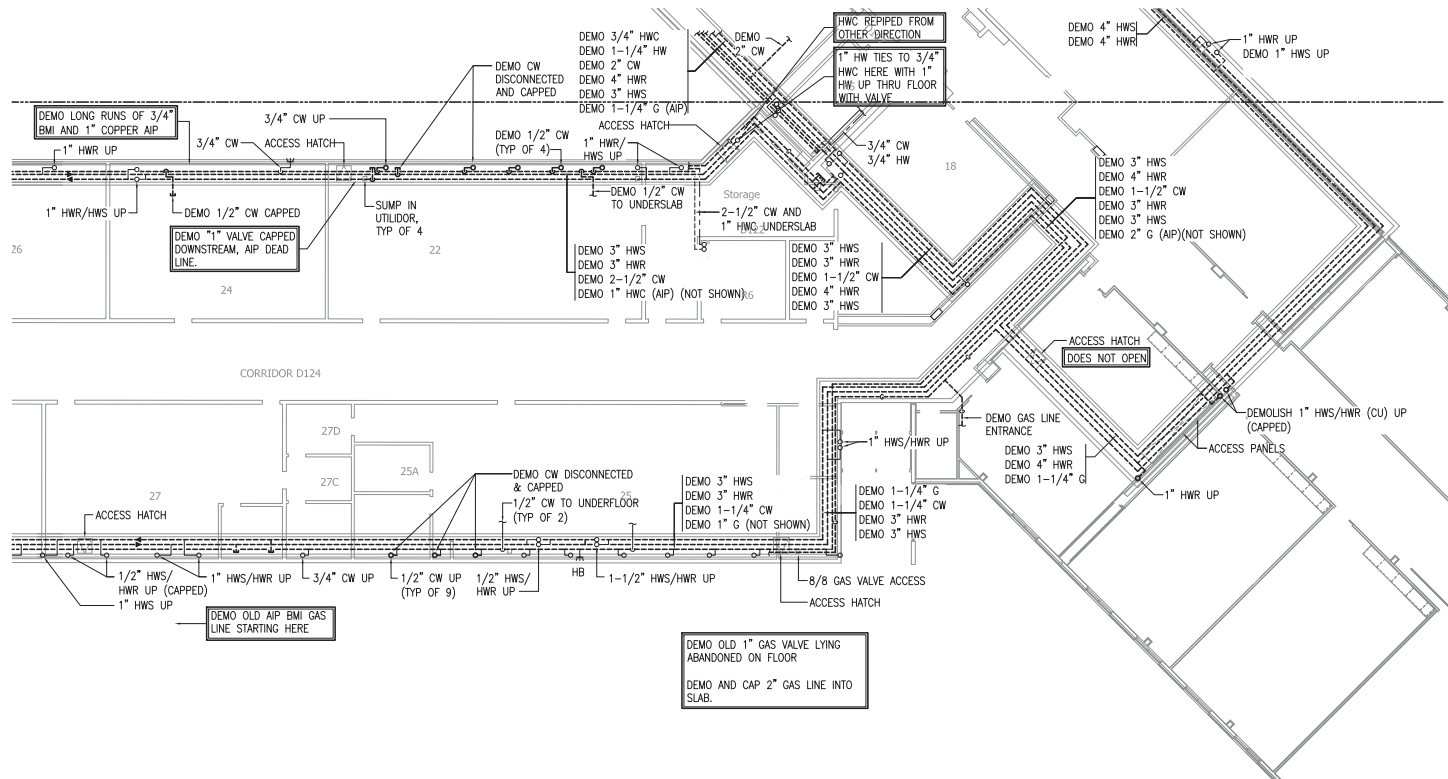
Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
T: 907.276.1463

**REVISIONS**

No	Description	Date
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KEY PLAN

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Corporate: AK-1602542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M0221  
RECORD DRAWINGS  
April 17, 2023

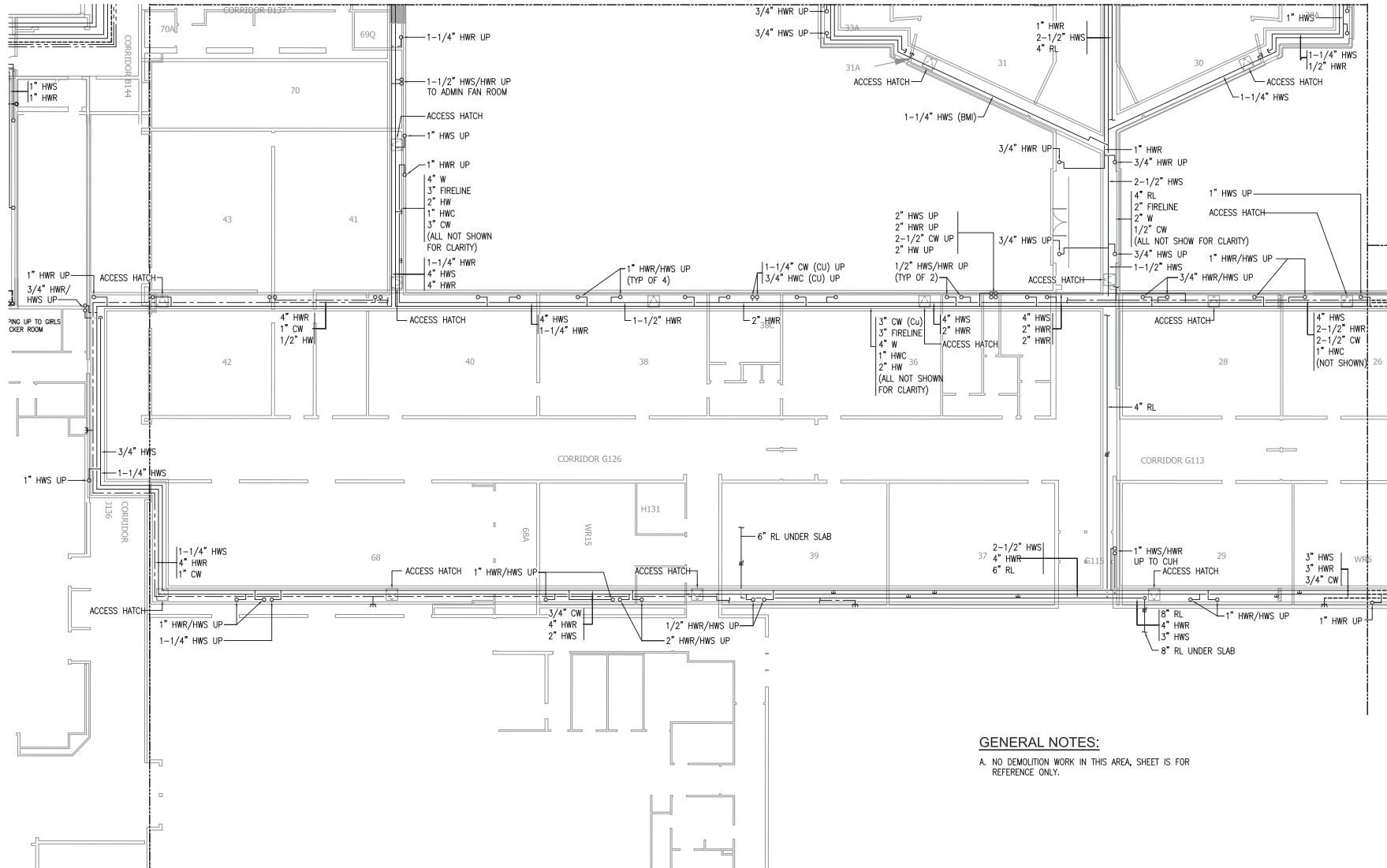
**1 AREA H UTILIDOR PIPING DEMOLITION PLAN**  
3/32" = 1'-0"



**PIPING DEMOLITION - AREA H**  
**M1.03**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
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**NOTIFICATION OF POTENTIAL HAZARDS**  
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**GENERAL NOTES:**  
 A. NO DEMOLITION WORK IN THIS AREA, SHEET IS FOR REFERENCE ONLY.

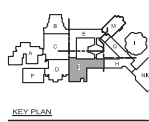
1 AREA F UTILIDOR PIPING DEMOLITION PLAN  
 3/32" = 1'-0"

Anchorage School District

**Roger Nickel Contracting, Inc.**  
 1101 Graham Drive, Anchorage, AK 99515  
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 Anchorage, AK 99503  
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 Corporate: MZ-AECC542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 RSA Project No.: M0221  
 RECORDED DRAWINGS  
 April 17, 2023

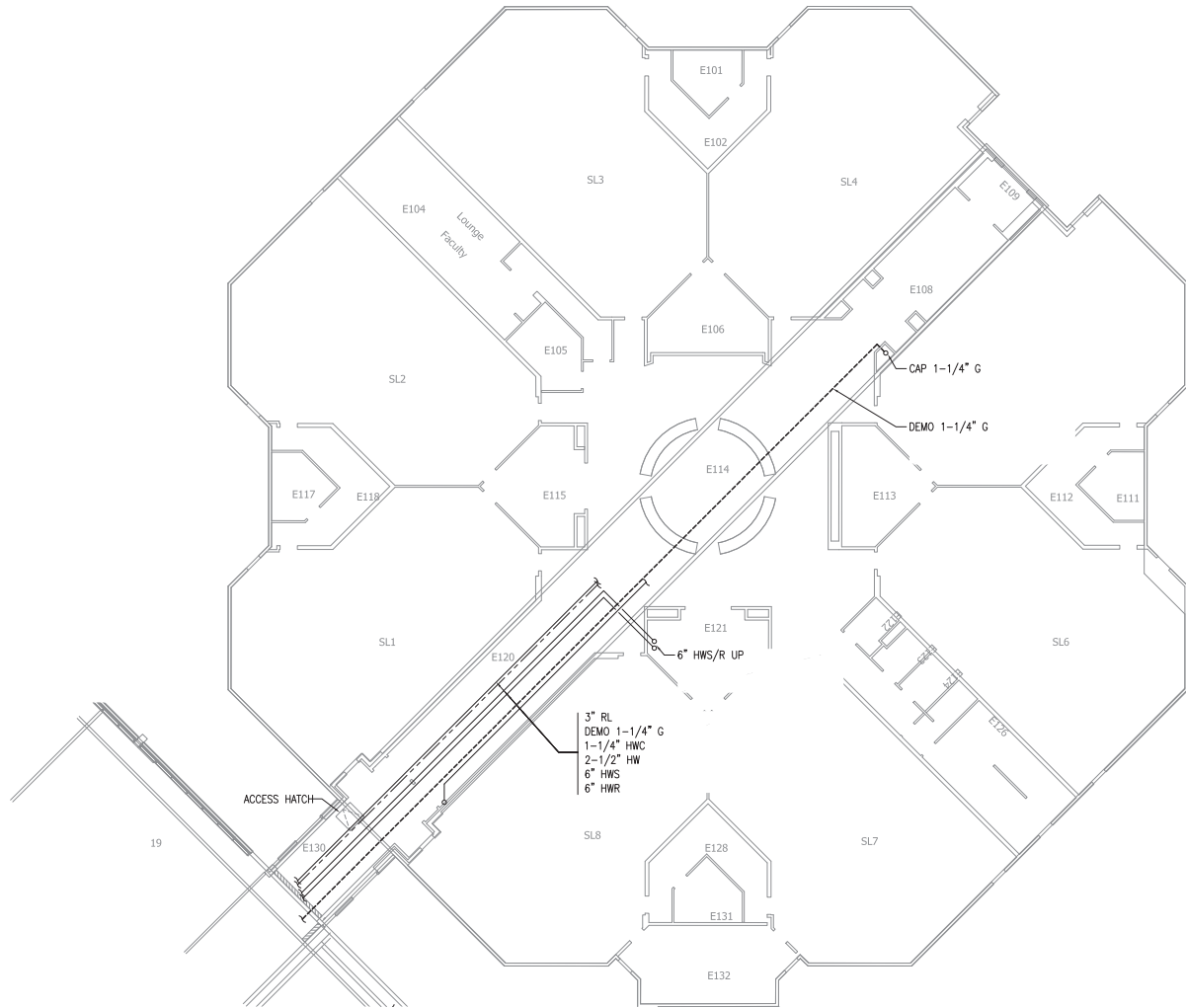
PIPING DEMOLITION - AREA F  
**M1.04**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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**NOTIFICATION OF POTENTIAL HAZARDS**

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1 AREA I UTILIDOR PIPING DEMOLITION PLAN  
3/32" = 1'-0"



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**REVISIONS**

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(907) 766-6291  
Corporate: AK-14000542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 21C006  
ASD Project No.: 850044  
RSA Project No.: M0221  
RECORD DRAWINGS  
April 17, 2023



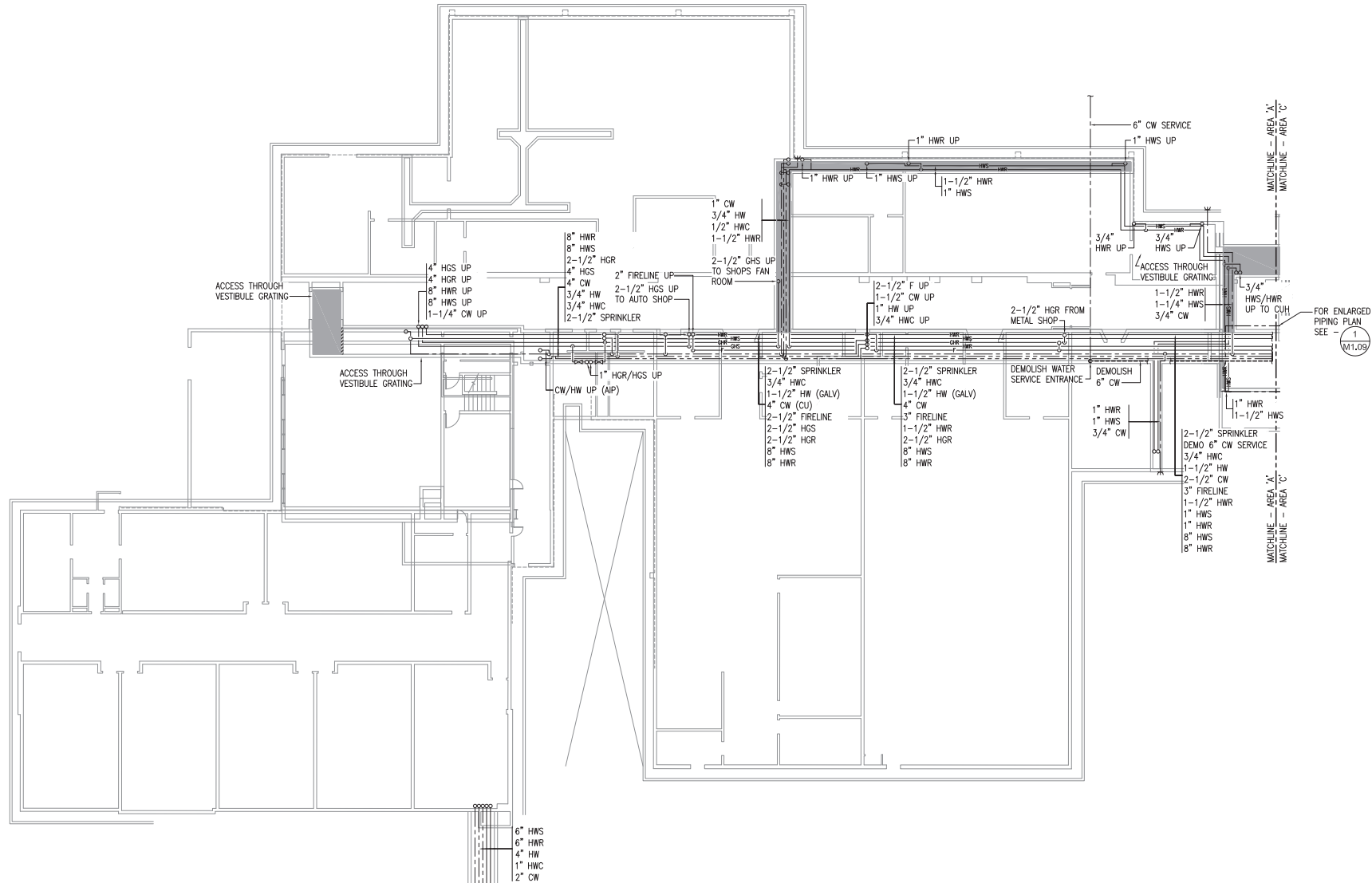
PIPING DEMOLITION - AREA I  
**M1.05**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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**1** AREA A UTILIDOR PIPING DEMOLITION PLAN  
3/32" = 1'-0"



Anchorage School District

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No	Description	Date
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**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 21C006  
ASD Project No.: 850039  
RSA Project No.: M0221

RECORD DRAWINGS  
April 17, 2023

PIPING DEMOLITION - AREA A  
**M1.06**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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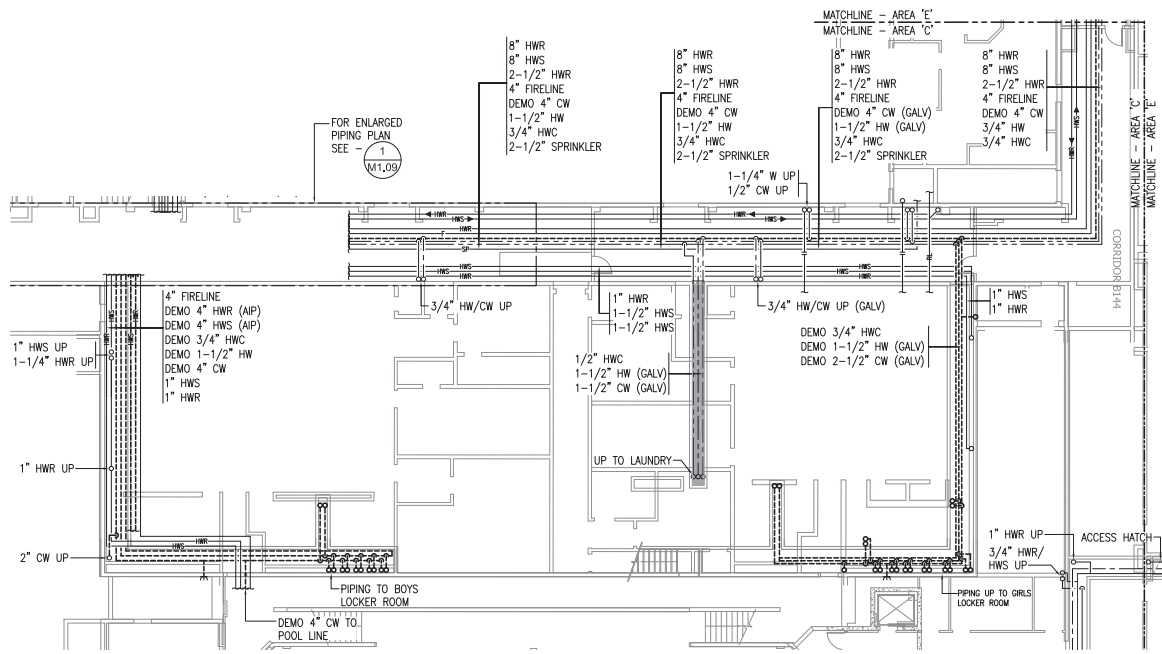
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No	Description	Date
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△		4/1/22



**1 AREA C UTILIDOR PIPING DEMOLITION PLAN**  
3/32" = 1'-0"



KEY PLAN

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(907) 276-6251  
Corporate: AK-EECS04

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M0221  
RECORDED DRAWINGS  
April 17, 2023

**PIPING DEMOLITION - AREA C**  
**M1.07**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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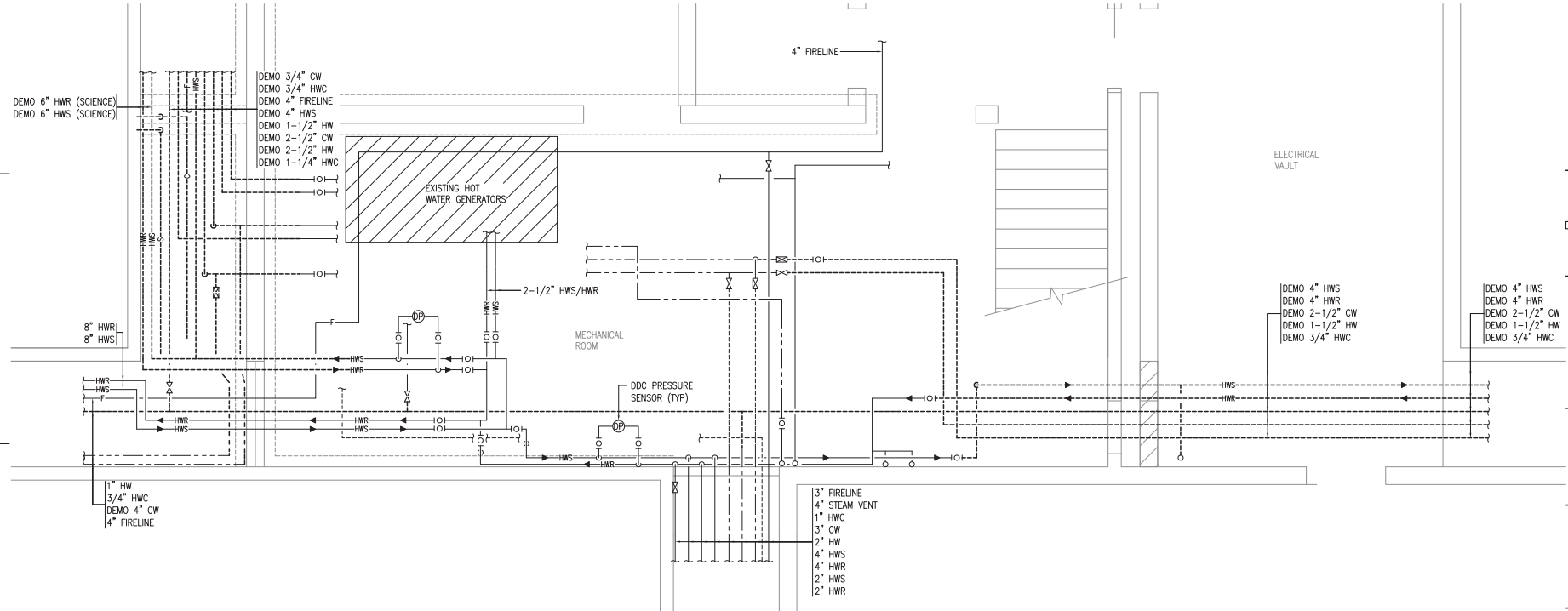
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1101 Columbia Drive, Anchorage, AK 99515  
T: 907.276.1460

**REVISIONS**

No	Description	Date
△	CW CHANGE	12/22/21



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Corporate: AK-1400542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M0221

RECORDED DRAWINGS  
April 17, 2023

**1 ENLARGED UTILIDOR DEMOLITION PIPING PLAN - BASEMENT MECHANICAL/ELECTRICAL ROOMS**  
1/2" = 1'-0"



**ENLARGED DEMOLITION PIPING PLAN M1.08**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DISTURBED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**

ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.



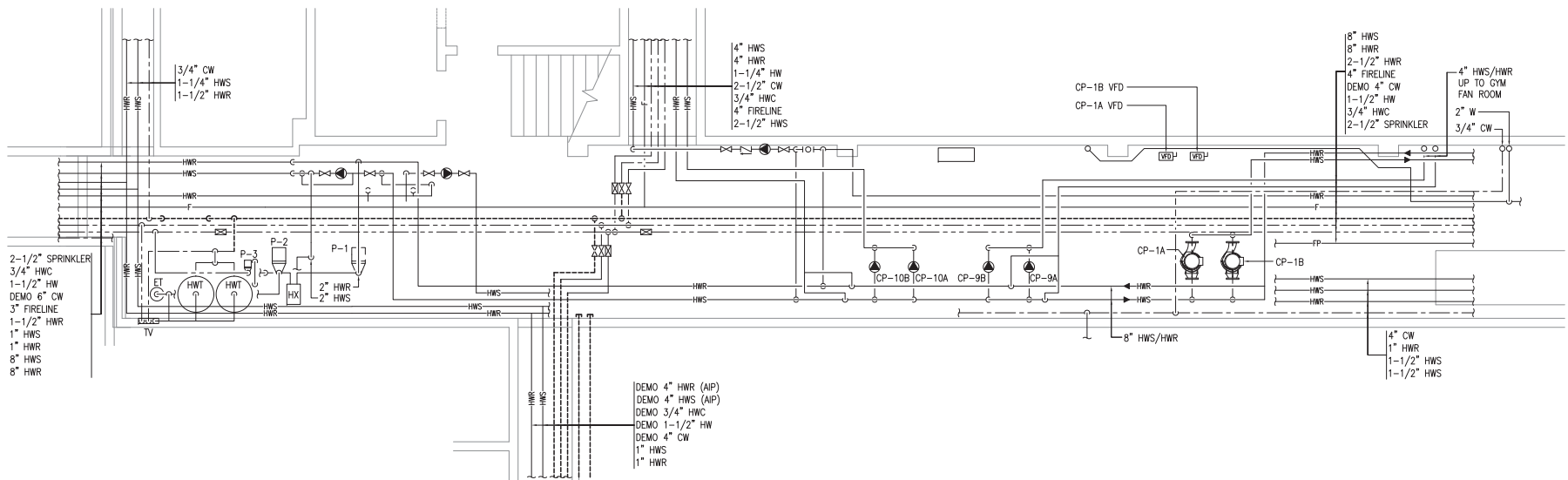
Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
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**REVISIONS**

No	Description	Date
△	CW CHANGE	12/22/21
△		4/1/22



KEY PLAN

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**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M0221

RECORDED DRAWINGS  
April 17, 2023

**ENLARGED DEMOLITION PIPING PLAN M1.09**

2 ENLARGED UTILIDOR REMODEL PLAN  
1/4" = 1'-0"



**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
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**NOTIFICATION OF POTENTIAL HAZARDS**  
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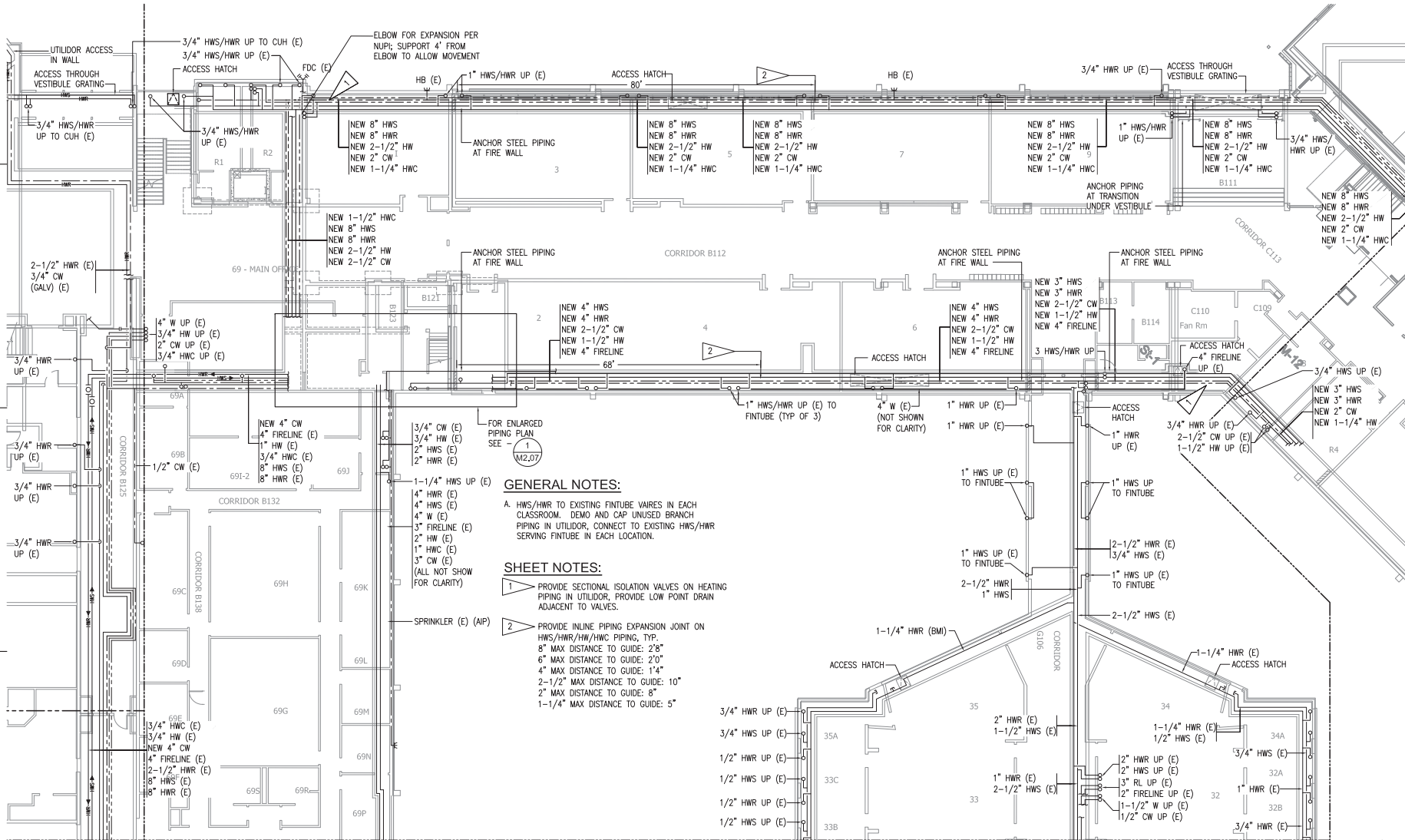
Anchorage School District

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**REVISIONS**

No	Description	Date
#1	EXPANSION JOINTS	06/23/21
△	CW CHANGE	12/22/21



**GENERAL NOTES:**

A. HWS/HWR TO EXISTING FINITUBE VAIRES IN EACH CLASSROOM. DEMO AND CAP UNUSED BRANCH PIPING IN UTILIDOR, CONNECT TO EXISTING HWS/HWR SERVING FINITUBE IN EACH LOCATION.

**SHEET NOTES:**

- 1 PROVIDE SECTIONAL ISOLATION VALVES ON HEATING PIPING IN UTILIDOR, PROVIDE LOW POINT DRAIN ADJACENT TO VALVES.
- 2 PROVIDE INLINE PIPING EXPANSION JOINT ON HWS/HWR/HW/HWC PIPING, TYP. 8" MAX DISTANCE TO GUIDE: 2'8" 6" MAX DISTANCE TO GUIDE: 2'0" 4" MAX DISTANCE TO GUIDE: 1'4" 2-1/2" MAX DISTANCE TO GUIDE: 10" 2" MAX DISTANCE TO GUIDE: 8" 1-1/4" MAX DISTANCE TO GUIDE: 5"



NEW PLAN

**PROJECT RECORD DRAWINGS**  
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**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 RSA Project No.: M0221  
 RECORD DRAWINGS  
 April 18, 2023

**PIPING REMODEL - AREA E**  
**M2.01**

1 AREA E UTILIDOR PIPING REMODEL PLAN  
 3/32" = 1'-0"



**NOTIFICATION OF CHILD OCCUPIED FACILITY**

PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DISTURBED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0.1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**

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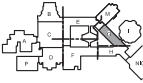
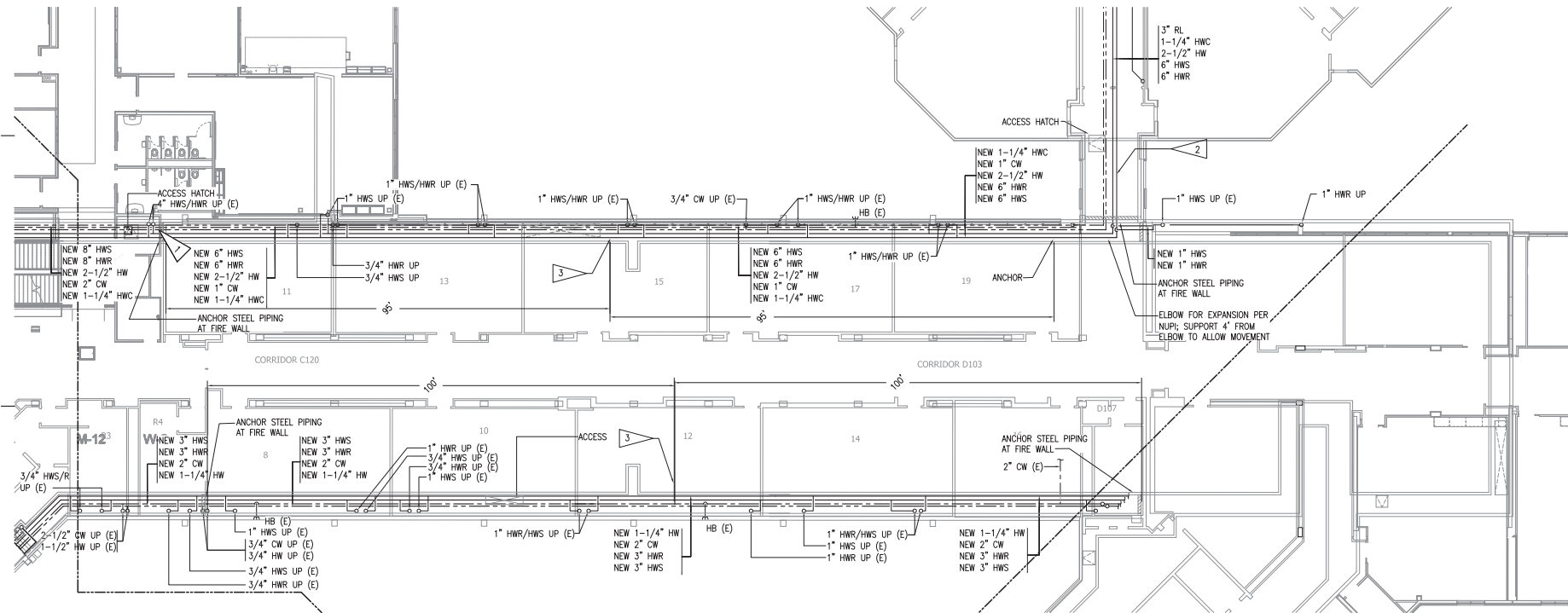
No Description Date  
#1 EXPANSION JOINTS 06/23/21

**GENERAL NOTES:**

A. HWS/HWR TO EXISTING FINITUBE VAIRES IN EACH CLASSROOM. DEMO AND CAP UNUSED BRANCH PIPING IN UTILIDOR, CONNECT TO EXISTING HWS/HWR SERVING FINITUBE IN EACH LOCATION.

**SHEET NOTES:**

- 1 PROVIDE SECTIONAL ISOLATION VALVES ON HEATING PIPING IN UTILIDOR. PROVIDE LOW POINT DRAIN ADJACENT TO VALVES.
- 2 EXISTING ISOLATION VALVES TO REMAIN FOR AREA I.
- 3 PROVIDE INLINE PIPING EXPANSION JOINT ON HWS/HWR/HW/HWC PIPING, TYP.  
6" MAX DISTANCE TO GUIDE: 2'0"  
3" MAX DISTANCE TO GUIDE: 1'0"  
2-1/2" MAX DISTANCE TO GUIDE: 10"  
2" MAX DISTANCE TO GUIDE: 8"  
1-1/4" MAX DISTANCE TO GUIDE: 5"



NEW PLAN

**PROJECT RECORD DRAWINGS**  
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Corporate/MC-AECC542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Contract No.: M0221  
RECORDED DRAWINGS  
April 17, 2023

1 AREA G UTILIDOR PIPING REMODEL PLAN  
3/32" = 1'-0"

PIPING REMODEL - AREA G  
**M2.02**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DISTURBED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0.1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**

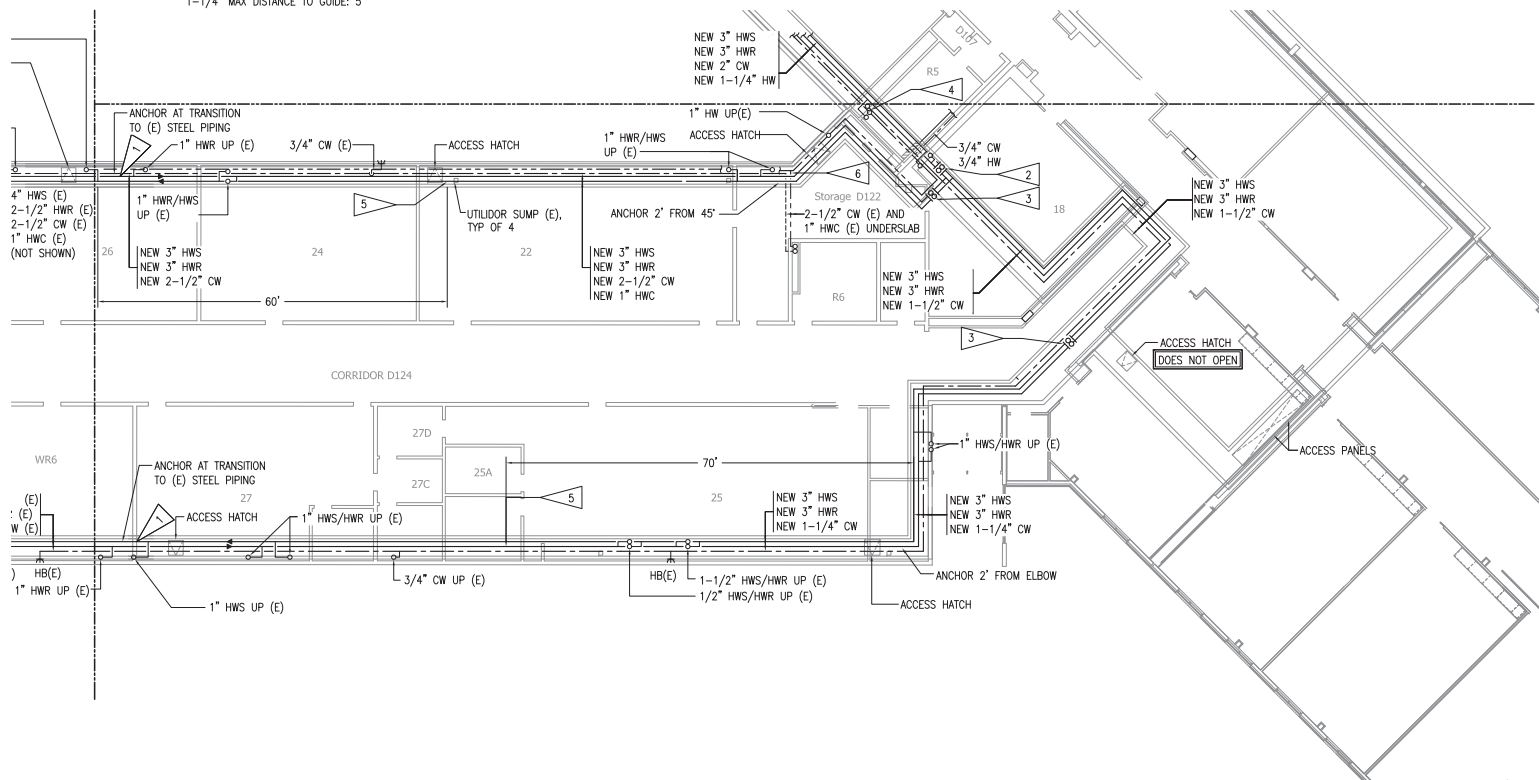
ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0.1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**SHEET NOTES:**

- 1 PROVIDE SECTIONAL ISOLATION VALVES ON HEATING PIPING IN UTILIDOR, PROVIDE LOW POINT DRAIN ADJACENT TO VALVES.
- 2 NORMALLY CLOSED (NC) VALVES.
- 3 NORMALLY OPEN (NO) VALVES.
- 4 2" CW, 1-1/4" HW UP.
- 5 PROVIDE INLINE PIPING EXPANSION JOINT ON HWS/HWR/HW/HWC PIPING, TYP.
- 6 PROVIDE INLINE PIPING EXPANSION JOINT ON HWS/HWR/HW/HWC PIPING, TYP.  
3" MAX DISTANCE TO GUIDE: 1'0"  
2-1/2" MAX DISTANCE TO GUIDE: 10"  
1-1/4" MAX DISTANCE TO GUIDE: 5"

**GENERAL NOTES:**

- A HWS/HWR TO EXISTING FINITE VAIRES IN EACH CLASSROOM. DEMO AND CAP UNUSED BRANCH PIPING IN UTILIDOR, CONNECT TO EXISTING HWS/HWR SERVING FINITE IN EACH LOCATION.



1 AREA H UTILIDOR PIPING REMODEL PLAN  
3/32" = 1'-0"



Anchorage School District

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**REVISIONS**

No	Description	Date
#1	EXPANSION JOINTS	06/23/21



NEW PLAN

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Corporate: MZ-AECC542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M0221

RECORD DRAWINGS  
April 17, 2023  
**PIPING REMODEL - AREA H M2.03**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
 PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DISTURBED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**  
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**REVISIONS**

No Description Date



KEY PLAN

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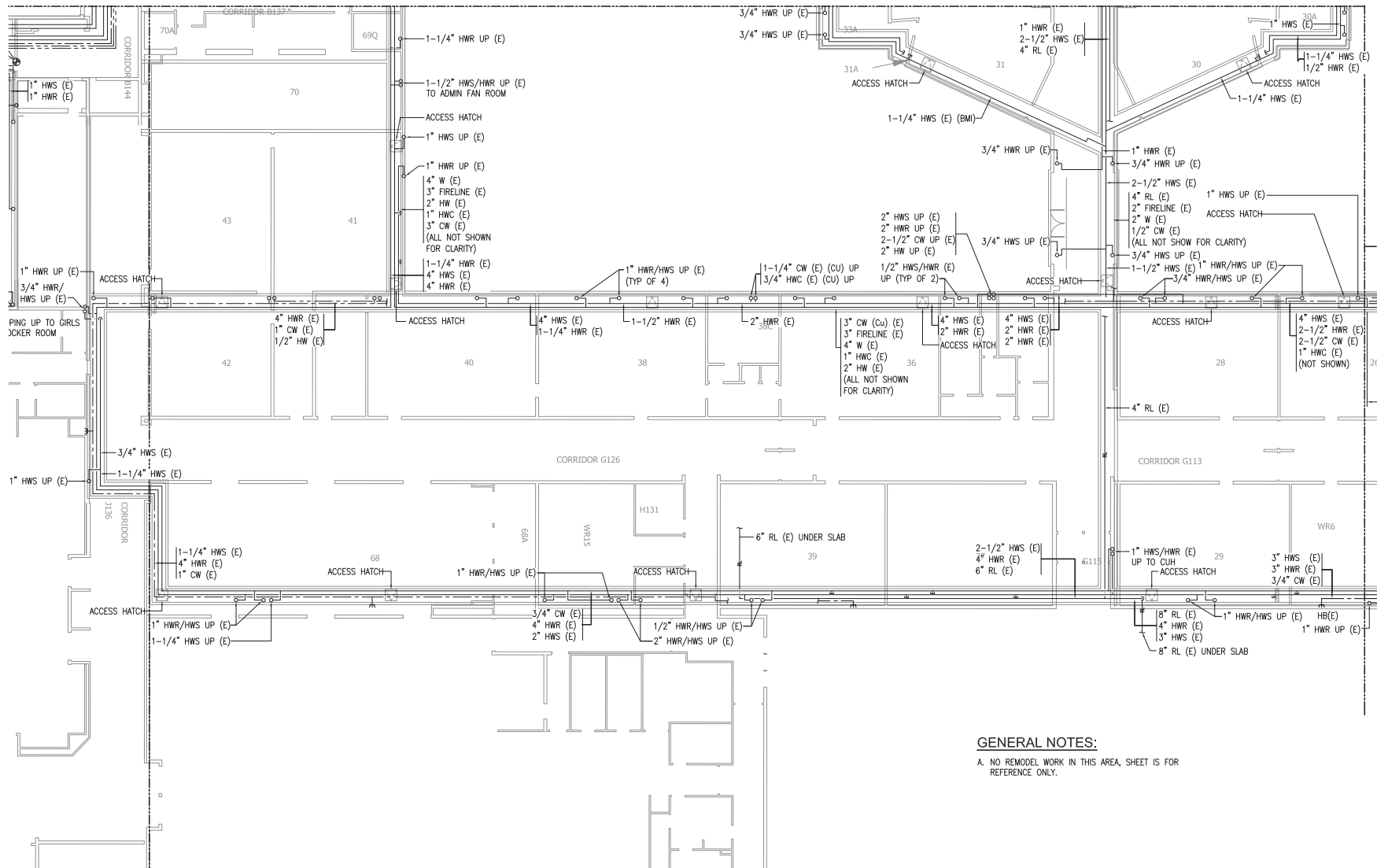
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 Corporate: M2-AECC542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**

1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 RSA Project No.: M0221

RECORDED DRAWINGS  
 April 17, 2023

**PIPING REMODEL - AREA F  
 M2.04**



**GENERAL NOTES:**

A. NO REMODEL WORK IN THIS AREA, SHEET IS FOR REFERENCE ONLY.

**1** AREA F UTILIDOR PIPING REMODEL PLAN  
 3/32" = 1'-0"

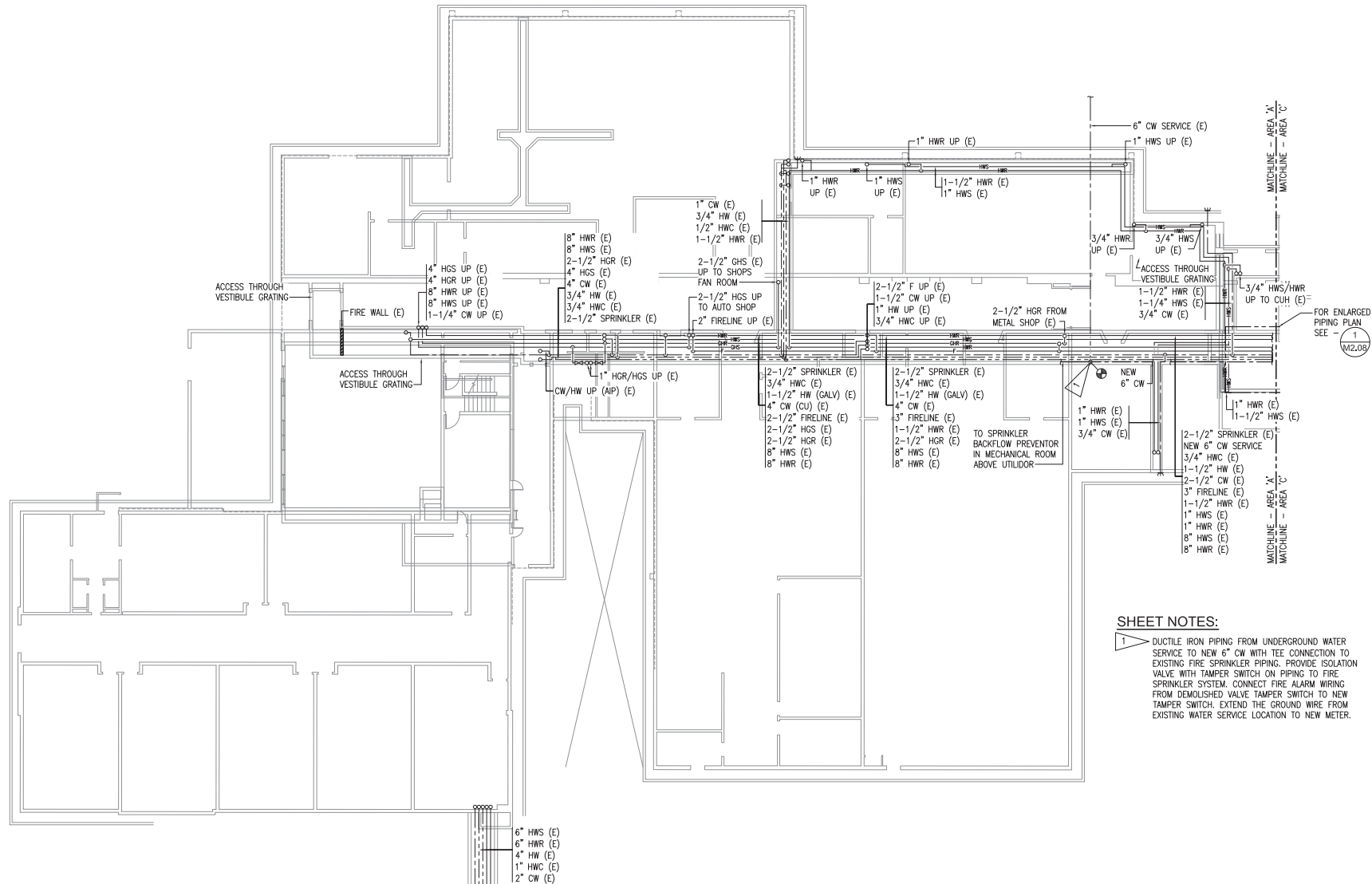


**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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**NOTIFICATION OF POTENTIAL HAZARDS**

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**1 AREA A UTILIDOR PIPING REMODEL PLAN**  
3/32" = 1'-0"

**SHEET NOTES:**

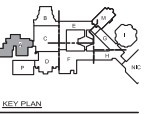
- DUCTILE IRON PIPING FROM UNDERGROUND WATER SERVICE TO NEW 6" CW WITH TEE CONNECTION TO EXISTING FIRE SPRINKLER PIPING. PROVIDE ISOLATION VALVE WITH TAMPER SWITCH ON PIPING TO FIRE SPRINKLER SYSTEM. CONNECT FIRE ALARM WIRING FROM DEMOLISHED VALVE TAMPER SWITCH TO NEW TAMPER SWITCH. EXTEND THE GROUND WIRE FROM EXISTING WATER SERVICE LOCATION TO NEW METER.

Anchorage School District

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**REVISIONS**

No	Description	Date
1	CW CHANGE	12/22/21



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Corporate: AK-1600542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 21C006  
ASD Project No.: 850039  
RSA Project No.: M0221  
RECORD DRAWINGS  
April 17, 2023

**PIPING REMODEL - AREA A M2.05**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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**NOTIFICATION OF POTENTIAL HAZARDS**

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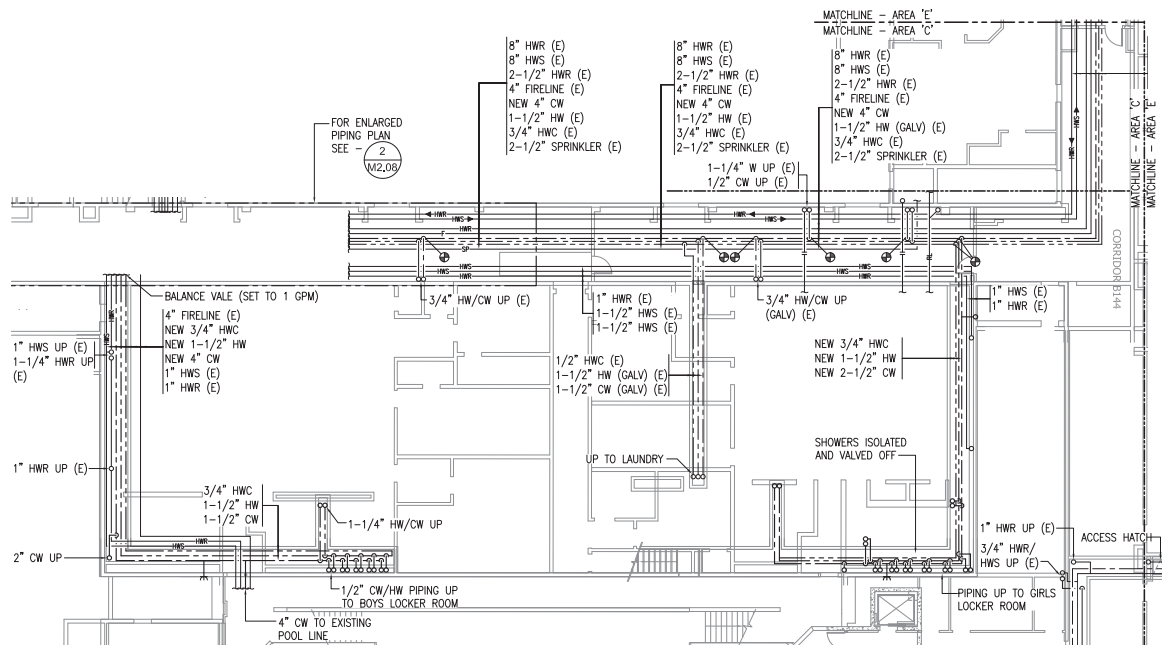
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**REVISIONS**

No	Description	Date
△	CW CHANGE	12/22/21
△		4/1/22



**1 AREA C UTILIDOR PIPING REMODEL PLAN**  
3/32" = 1'-0"



KEY PLAN

**PROJECT RECORD DRAWINGS**  
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1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850009  
RSA Project No.: M0221  
RECORD DRAWINGS  
April 17, 2023

**PIPING REMODEL - AREA C M2.06**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DISTURBED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**

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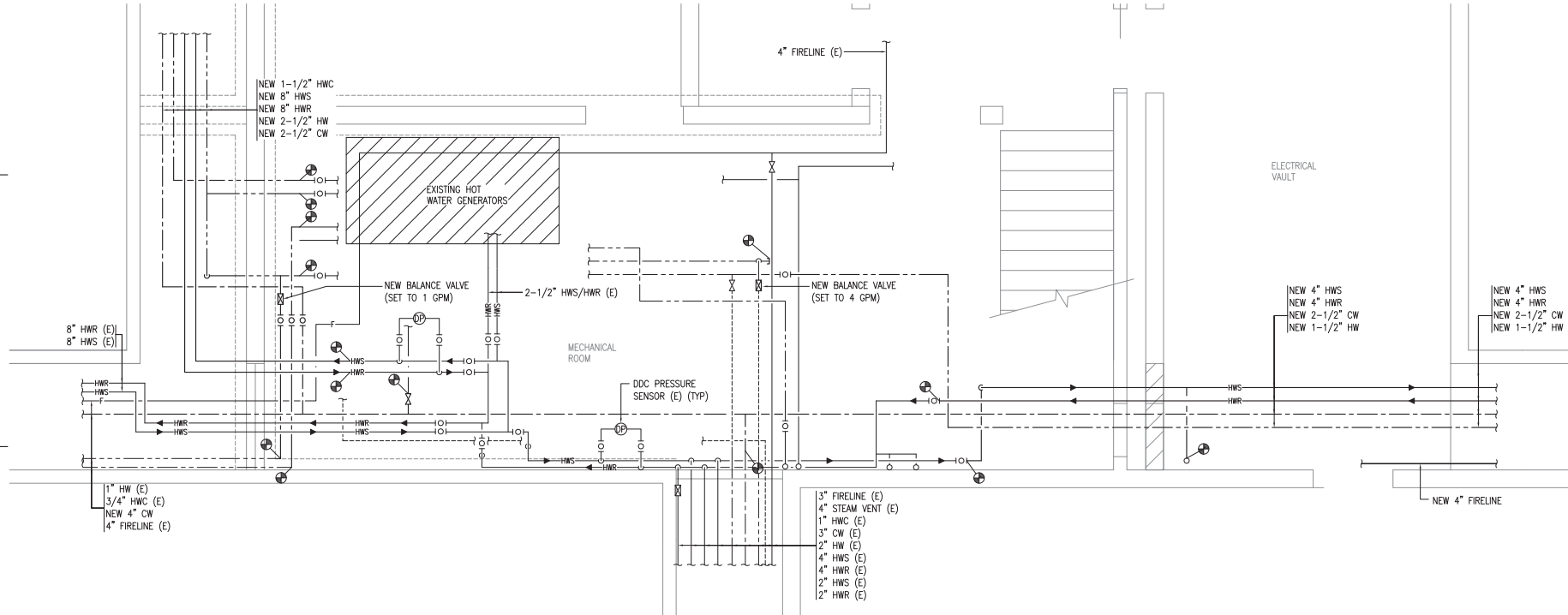
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**Roger Nickel  
Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
T: 907.276.1463

**REVISIONS**

No	Description	Date
△	CW CHANGE	12/22/21



NEW PLAN

**PROJECT RECORD DRAWINGS**  
THESE DRAWINGS HAVE BEEN PREPARED FROM INFORMATION FURNISHED BY THE GENERAL CONTRACTOR. THERE IS ABSOLUTELY NO GUARANTEE AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN, EITHER EXPRESSED OR IMPLIED.

**RSA**  
Mechanical and  
Electrical Consulting  
Engineers

870 West Flamingo Lane, Suite 200  
Anchorage, AK 99503  
(907) 276-6291  
Corporate: AK-ACC0542

**WEST HIGH SCHOOL  
UTILIDOR UPGRADES -  
PHASE II**

1700 Hillcrest Drive  
ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M0221

RECORDED DRAWINGS  
April 17, 2023

**1** ENLARGED PIPING REMODEL PLAN - BASEMENT MECHANICAL/ELECTRICAL ROOMS  
1/2" = 1'-0"



**ENLARGED  
REMODEL  
PIPING PLAN  
M2.07**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
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**NOTIFICATION OF POTENTIAL HAZARDS**  
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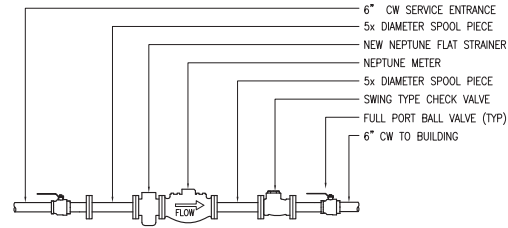
Anchorage  
School District

**Roger Nickel  
Contracting, Inc.**

1101 Graham Drive, Anchorage, AK 99515  
1.907.276.1463

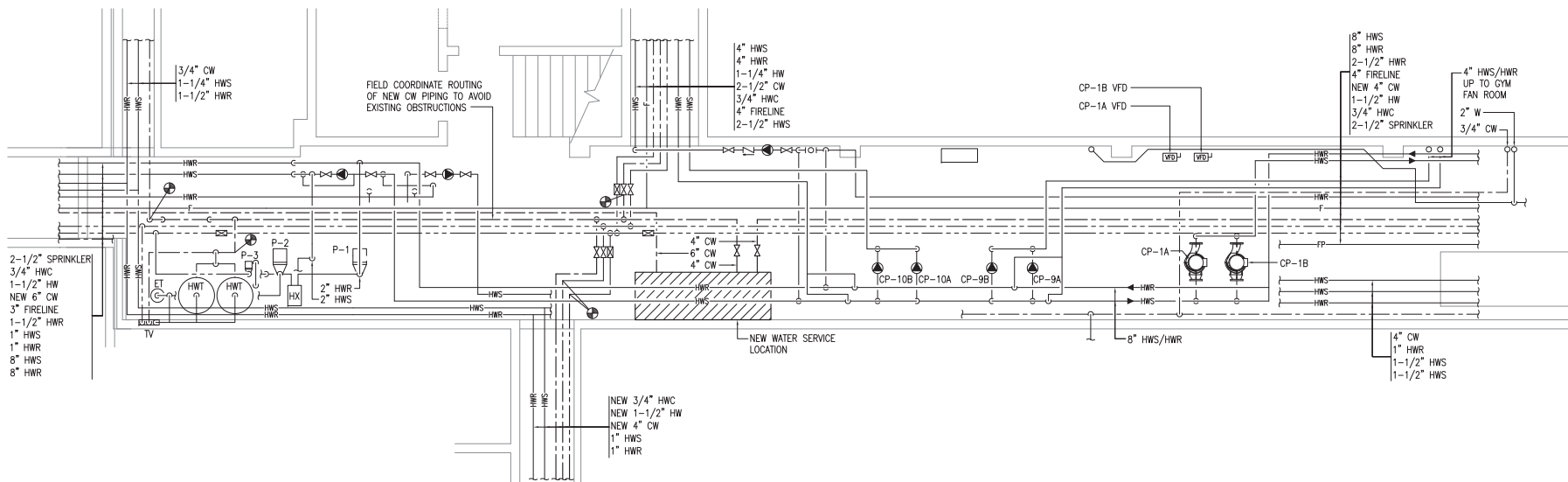
**REVISIONS**

No	Description	Date
▲	CW CHANGE	12/22/21
▲		4/1/22



- NOTES:
1. INSTALL METER ON FIELD FABRICATED STRUT SUPPORT.
  2. INSTALL METER PER AWWU METER INSTALLATION GUIDELINES.
  3. MAINTAIN SERVICE CLEARANCES PER AWWU METER INSTALLATION GUIDELINES.
  4. ALL WATER PIPING SHALL BE INSULATED.
  5. FLANGES AT METER AND STRAINER CONNECTIONS SHALL BE BRASS.
  6. THE CONTRACTOR SHALL COORDINATE WITH AWWU TO SHUT-OFF AND OPEN THE WATER SERVICE AT CURB.

**2 WATER METER PIPING SCHEMATIC**  
NO SCALE



KEY PLAN

**PROJECT RECORD DRAWINGS**  
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**WEST HIGH SCHOOL  
 UTILIDOR UPGRADES -  
 PHASE II**

1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 RSA Project No.: M0221

RECORDED DRAWINGS  
 April 17, 2023

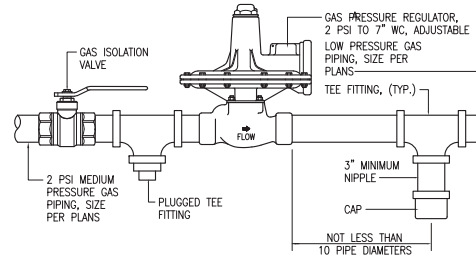
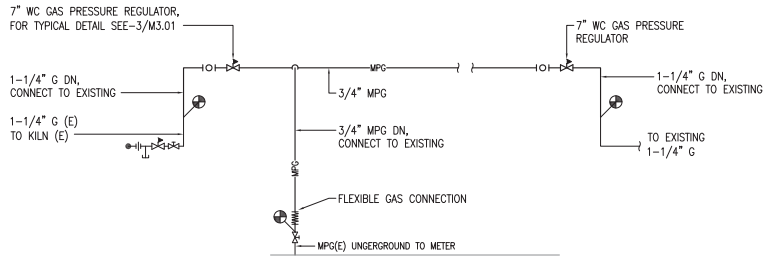


**ENLARGED  
 REMODEL  
 PIPING PLAN  
 M2.08**

**2 ENLARGED UTILIDOR REMODEL PLAN**  
1/4" = 1'-0"

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
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**GENERAL NOTES:**

- A. DEMOLISH AND REMOVE ALL GAS PIPING IN THE UTILIDOR. ANY AREA OF THE SCHOOL THAT REQUIRES NATURAL GAS IS TO BE FROM NEW PIPING ROUTED ABOVE THE CEILING OR ON THE ROOF. PROTECT ROOF DURING CONSTRUCTION, ALL WORK ON ROOF TO BE DONE IN ACCORDANCE WITH ROOFING MANUFACTURERS WARRANTY.



Anchorage School District

**Roger Nickel Contracting, Inc.**

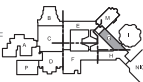
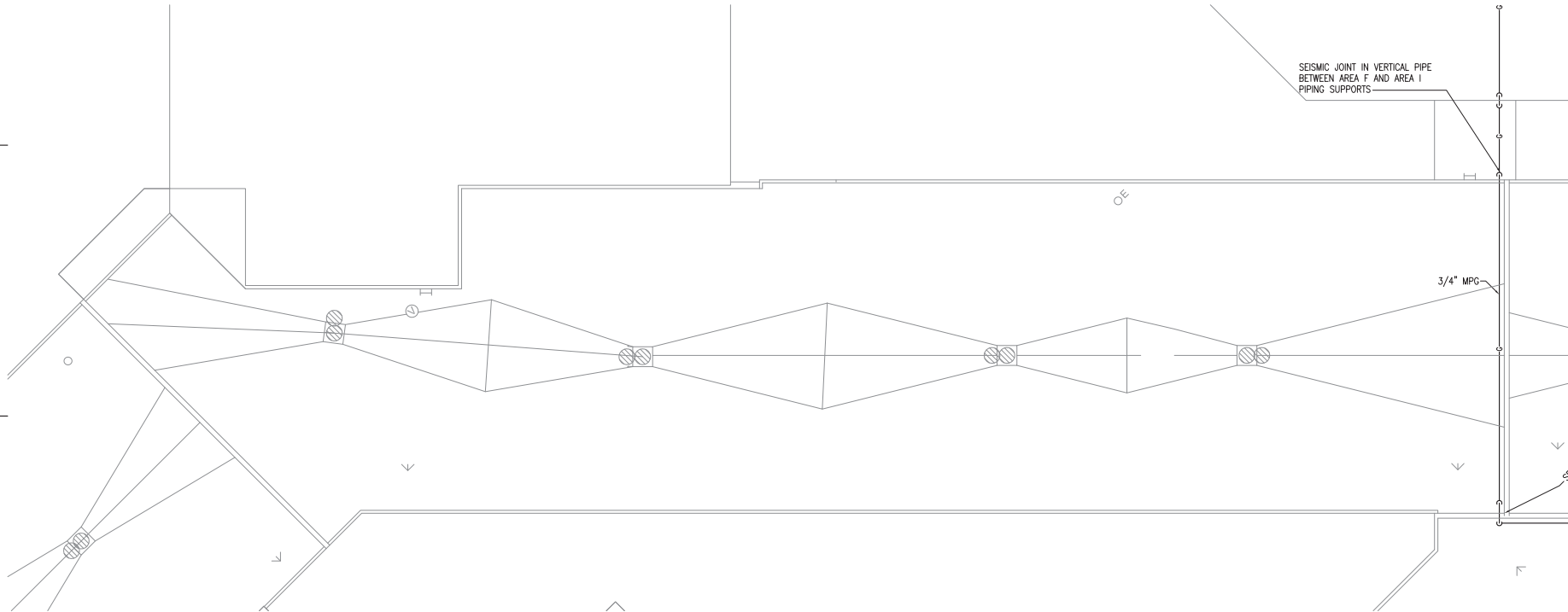
1101 Columbia Drive, Anchorage, AK 99515  
 T: 907.275.1460

**REVISIONS**

No Description Date

**2 GAS PIPING SCHEMATIC**  
 NO SCALE

**3 GAS PRESSURE REGULATOR**  
 NO SCALE



KEY PLAN

**PROJECT RECORD DRAWINGS**  
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 (907) 776-6291  
 Corporation No. 24000542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 RSA Project No.: M0221

RECORD DRAWINGS  
 April 17, 2023

**1 AREA G ROOF PLAN**  
 3/32" = 1'-0"

**ROOF PLAN - AREA G M3.01**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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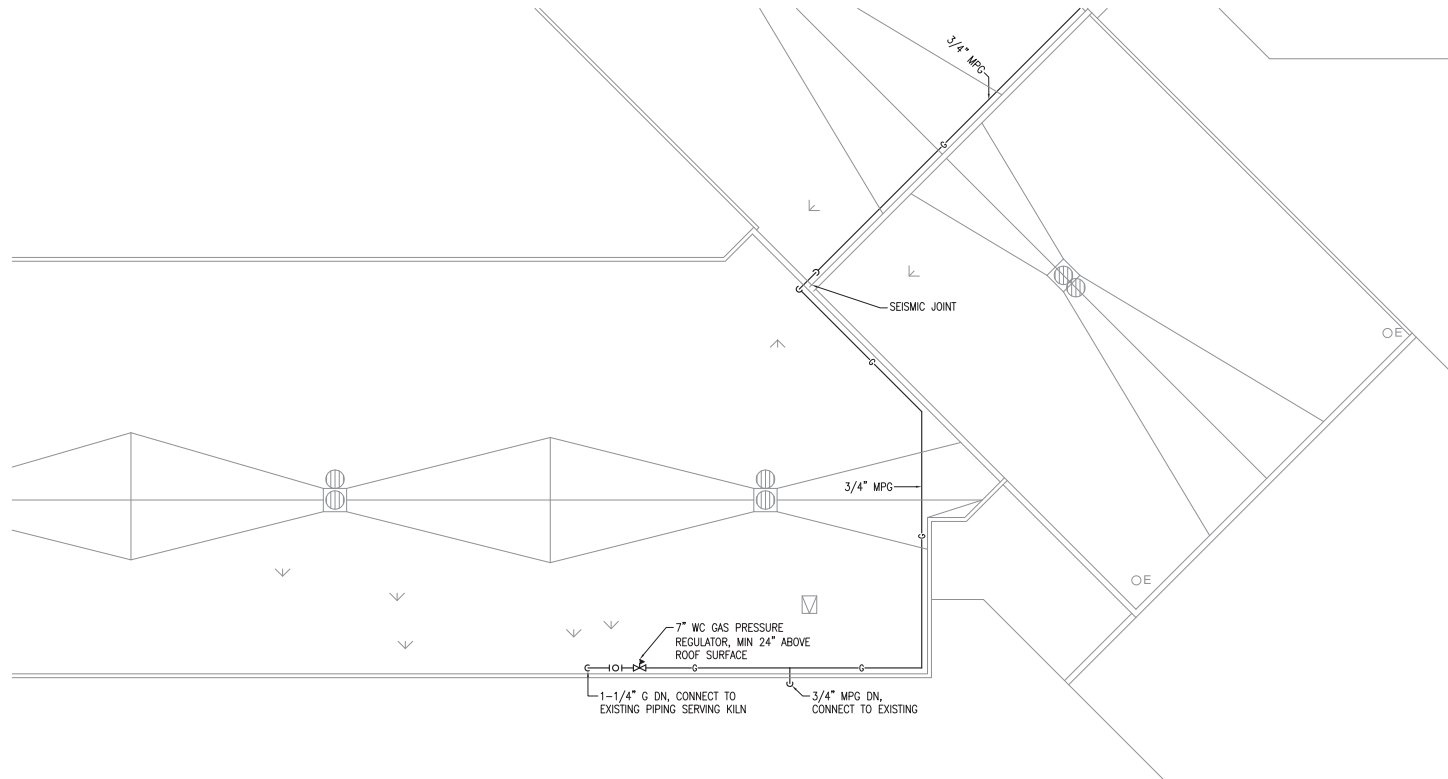
Anchorage School District

**Roger Nickel Contracting, Inc.**

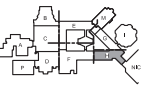
1101 Graham Drive, Anchorage, AK 99515  
T: 907.276.1463

**REVISIONS**

No	Description	Date
#1	MOA PLAN REVIEW	05/15/22



**1 AREA H ROOF PLAN**  
3/32" = 1'-0"



KEY PLAN

**PROJECT RECORD DRAWINGS**  
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Corporate No.: MECC542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 21C006  
ASD Project No.: 850039  
RSA Project No.: M0221

RECORD DRAWINGS  
April 17, 2023



**ROOF PLAN - AREA H**  
**M3.02**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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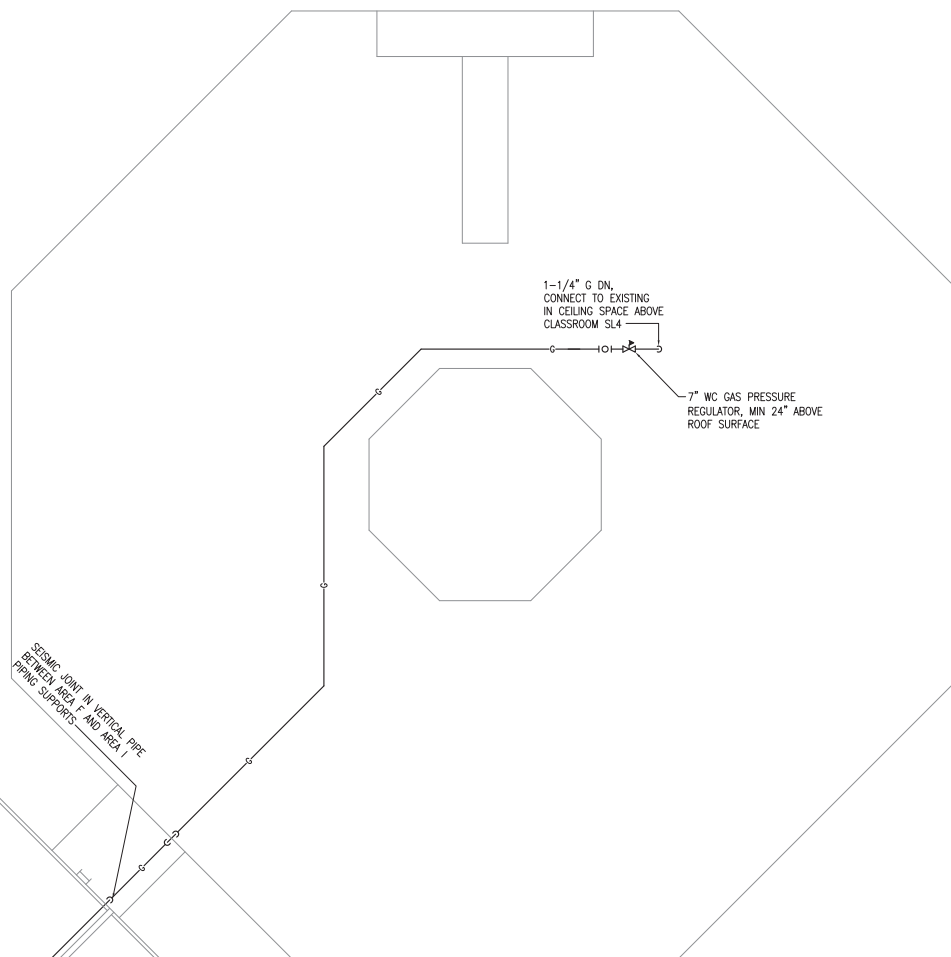
Anchorage School District

**Roger Nickel Contracting, Inc.**

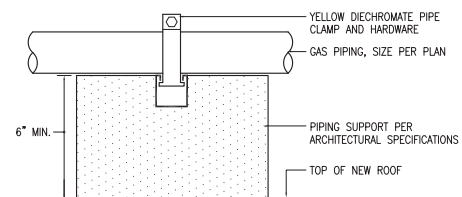
1101 Columbia Drive, Anchorage, AK 99515  
T: 907.275.1463

**REVISIONS**

No	Description	Date
#1	MOA PLAN REVIEW	05/15/22



**1 AREA I ROOF PLAN**  
3/32" = 1'-0"



**2 TYPICAL GAS PIPING SUPPORT DETAIL**  
NO SCALE



KEY PLAN

**PROJECT RECORD DRAWINGS**

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Anchorage, AK 99503  
(907) 276-6291  
Corporate/Res./A/E/C/S/42

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**

1700 Hillcrest Drive  
ASD Contract No.: 21C006  
ASD Project No.: 850039  
RSA Project No.: M0221

RECORD DRAWINGS  
April 17, 2023

**ROOF PLAN - AREA I**  
**M3.03**



**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
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LEGEND			
	CONDUIT	E	DENOTES EXISTING ITEM
	EXISTING PANEL	PNL	PANEL
	JUNCTION BOX	TYP	TYPICAL
	NOTE TAG (No. INDICATES NOTE)	UON	UNLESS OTHERWISE NOTED
	CONDUIT	XFMR	TRANSFORMER

**GENERAL NOTES**

- THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS. THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A WAREHOUSE AS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL DISPOSE OF, OFF SITE, ALL UNWANTED MATERIALS.
- DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- PROVIDE TEMPORARY POWER FOR MECHANICAL EQUIPMENT AND TEMPORARY LIGHTING IN UTILIDOR.
- RE-ROUTE/RELOCATE 3/4" FIRE ALARM CONDUIT AROUND UTILIDOR ACCESS POINTS. SEE 1/E2.01.
- DEMOLISH ABANDONED CONDUIT AND WIRING.
- RE-ROUTE CEILING-MOUNTED CONDUITS (SUCH AS LOW OR LINE VOLTAGE) IN THE UTILIDOR SUCH THAT THEY DO NOT HINDER ACCESS INTO THE UTILIDOR.
- RELOCATE LOW VOLTAGE CABLING CURRENTLY TIE-WRAPPED ON POWER CONDUIT TO NEW J-HOOK PATHWAY ON WALL.
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIREWALLS TO BE DEMOLISHED.

**SHEET NOTES**

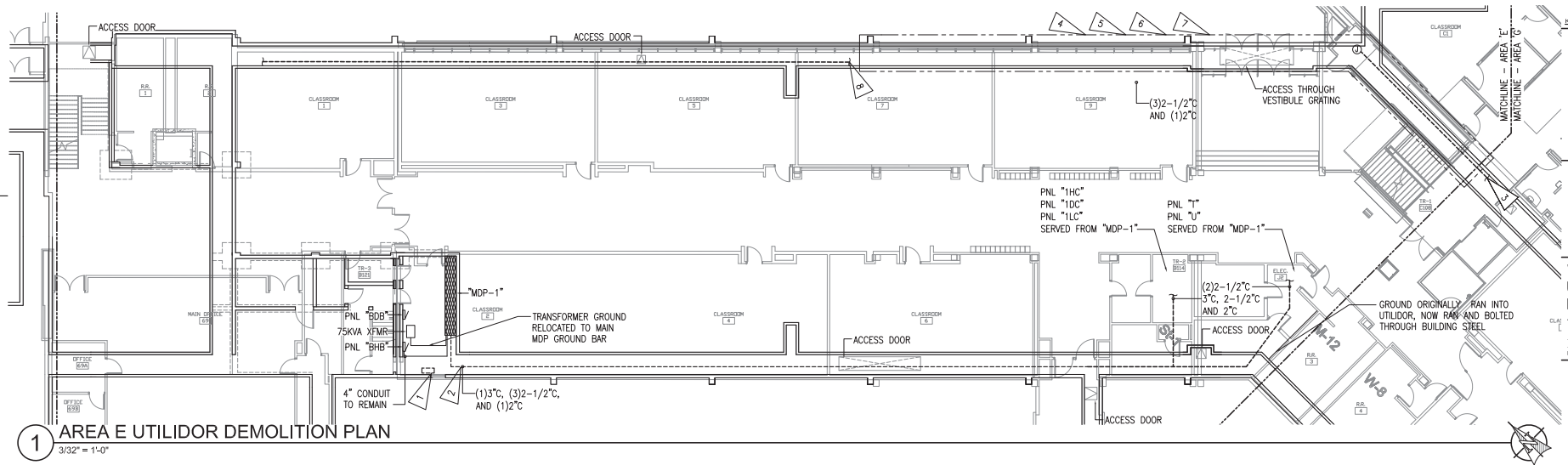
- DEMOLISH ABANDONED CONTROL PULL BOX AND WIRING UNDER WINDOW IN ELECTRICAL VAULT. SEE 2/E1.01.
- REMOVE FEEDERS FROM 'MDP-1' TO RE-ROUTE/RELOCATE. PROVIDE TEMPORARY CONNECTIONS FOR MECHANICAL EQUIPMENT AS NECESSARY. SEE 3/E1.01, 1/E2.01, AND 1/E3.01.
- SEE 1/E1.02 FOR CONTINUATION AND SHEET NOTE 1.
- RE-ROUTE 1" CONDUIT WITH LOW VOLTAGE CABLING FROM FLOOR TO WALL.
- DEMOLISH 3" CONDUIT ROUTED ON FLOOR IN THIS AREA.
- RE-ROUTE PHONE CABLING IN J-HOOKS ON WALL IN THIS AREA.
- ELIMINATE SLACK CABLE IN UTILIDOR IN THIS AREA AND RE-TERMINATE IN TELECOM ROOM.
- RE-SUPPORT 200-PAIR PHONE LINES WITH WALL-MOUNTED J-HOOKS IN THIS AREA.



**2 ABANDONED SPLICE BOX PHOTO**  
NO SCALE



**3 'MDP-1' FEEDER PHOTO**  
NO SCALE



**1 AREA E UTILIDOR DEMOLITION PLAN**  
3/32" = 1'-0"



**Roger Nickel Contracting, Inc.**  
 1101 Calumet Drive, Anchorage, AK 99515  
 1-907-275-1463

**REVISIONS**  
 No Description Date

**PROJECT RECORD DRAWINGS**  
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 (907) 276-2521  
 Corporate No: AEE02549

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 210006  
 ASD Project No.: 850039  
 RSA Project No.: M0221.10  
 RECORDED DRAWINGS  
 APRIL 17, 2023

**UTILIDOR DEMOLITION - AREA E E1.01**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

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Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Lathrop Drive, Anchorage, AK 99515  
7:907.275.1463

**REVISIONS**

No	Description	Date

**PROJECT RECORD DRAWINGS**

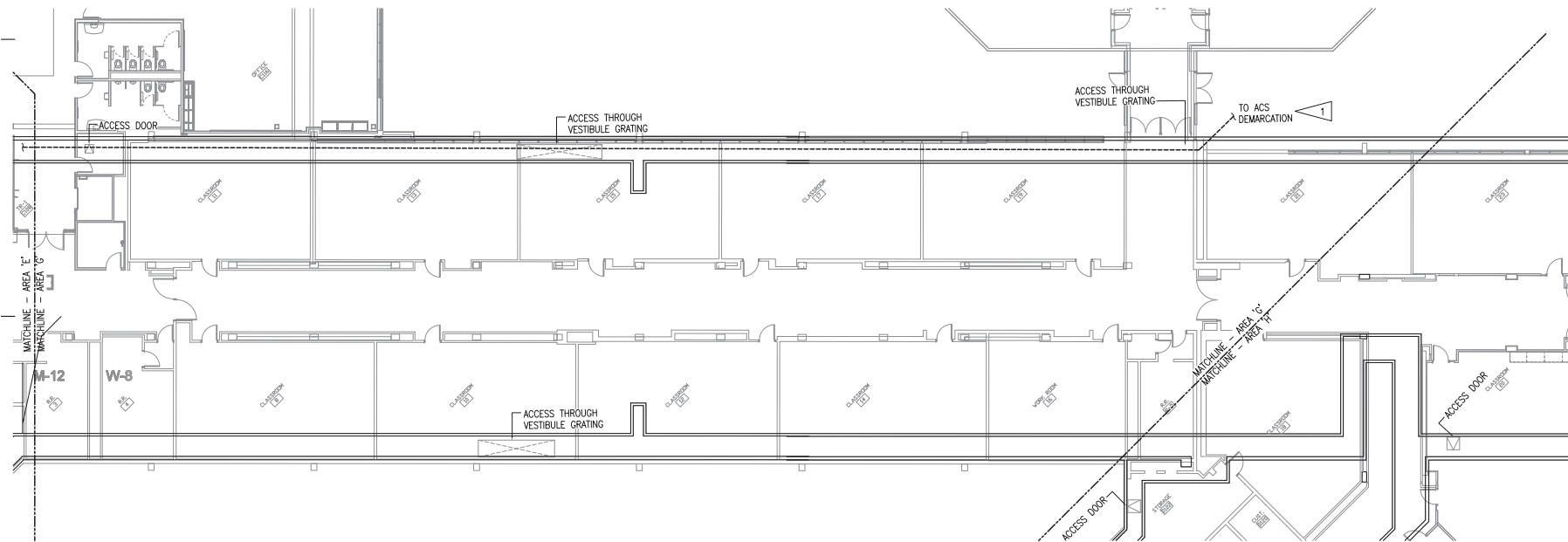
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**GENERAL NOTES**

A. SEE GENERAL NOTES SHEET E1.01.

**SHEET NOTES**

1. COORDINATE WITH ACS TO RE-ROUTE/RELOCATE FIBER BACKBONE CABLES AND INNERDUCT BETWEEN AREAS M & I TO USING NEW J-HOOK PATHWAY ON WALL. SEE CONTINUATION ON SHEET E1.01.



KEY PLAN

**RSA**  
Mechanical and Electrical Consulting Engineers  
875 West Emerald Lane, Suite 200  
Anchorage, AK 99503  
(907) 276-2521  
Corporate No.: AEE02542

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
1700 Hillcrest Drive  
ASD Contract No.: 21C006  
ASD Project No.: 850039  
RSA Project No.: M0221.10  
RECORDED DRAWINGS  
APRIL 17, 2023

**1 AREA G UTILIDOR DEMOLITION PLAN**  
3/32" = 1'-0"

**UTILIDOR DEMOLITION - AREA G E1.02**

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A. SEE GENERAL NOTES SHEET E1.01.

**SHEET NOTES**

1. WORK IN THIS AREA IS OUTLINED BY GENERAL NOTES ON SHEET E1.01.



Anchorage School District

**Roger Nickel Contracting, Inc.**

1101 Columbia Drive, Anchorage, AK 99515  
T: 907.276.1463

**REVISIONS**

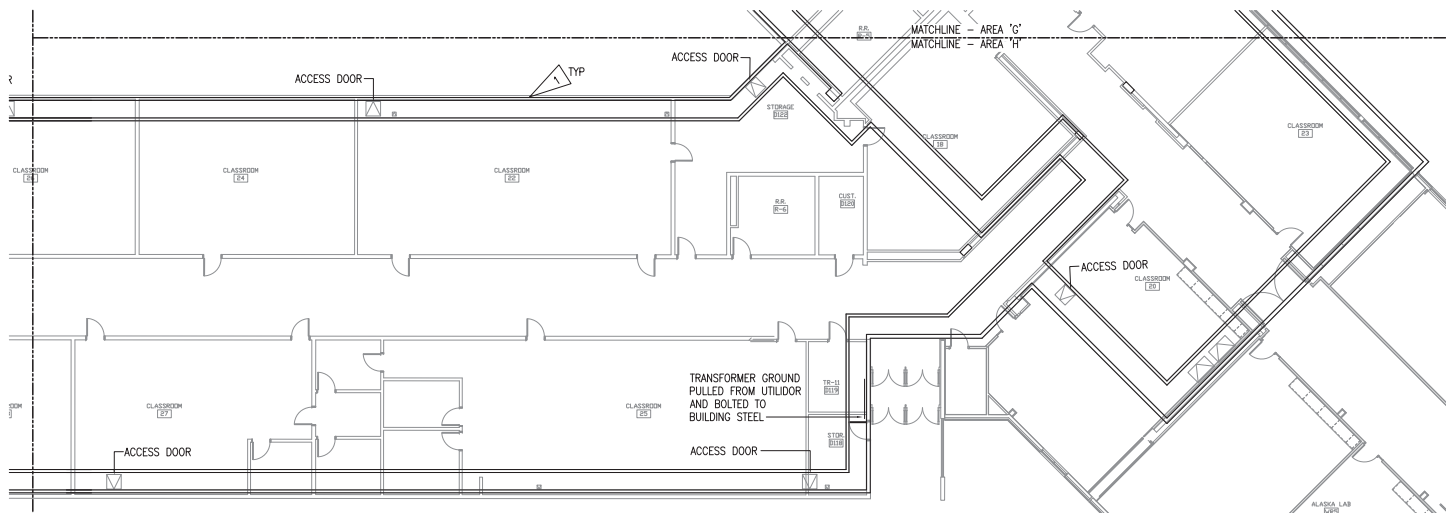
No	Description	Date

**PROJECT RECORD DRAWINGS**

THESE DRAWINGS HAVE BEEN PREPARED FROM INFORMATION FURNISHED BY THE GENERAL CONTRACTOR. THERE IS ABSOLUTELY NO GUARANTEE AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN, EITHER EXPRESSED OR IMPLIED.



KEY PLAN



**1** AREA H UTILIDOR DEMOLITION PLAN  
3/32" = 1'-0"

**RSA**  
Mechanical and Electrical Consulting Engineers  
875 West Fennel Lane, Suite 200  
Anchorage, AK 99503  
(907) 276-2521  
Corporate No.: AECC242

**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**

1700 Hillcrest Drive  
ASD Contract No.: 21C006  
ASD Project No.: 850039  
RSA Project No.: M0221.10

RECORDED DRAWINGS  
APRIL 17, 2023

**UTILIDOR DEMOLITION - AREA H E1.03**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**  
 PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DISTURBED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0.1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**  
 ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0.1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**GENERAL NOTES**

- A. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF NEW FIREWALLS.

**SHEET NOTES**

1. PROVIDE NEW SPLICE BOX IN THE LOCATION INDICATED FOR REROUTING FEEDERS BETWEEN MDP-1 AND DOWNSTREAM PANELS.
2. PROVIDE NEW CONDUITS WITH NEW CONDUCTORS TO MATCH EXISTING FROM MDP-1 TO NEW SPLICE BOX. PROVIDE JUNCTION BOXES, CONDUIT, AND CONDUCTORS AS REQUIRED.
3. EXTEND AND RE-ROUTE THE FEEDER FROM THE NEW SPLICE BOX AND THE DOWNSTREAM PANELS SERVED BY MDP-1. FEEDERS SHALL BE RE-ROUTED ALONG THE UTILIDOR WALL TO ALLOW ACCESS TO THE UTILIDOR ENTRY. PROVIDE JUNCTION BOXES, CONDUIT, AND CONDUCTORS AS REQUIRED. REMOVE ANY TEMPORARY POWER CONNECTIONS REQUIRED DURING DEMOLITION. SEE ONE-LINE DIAGRAM 1/E3.01.

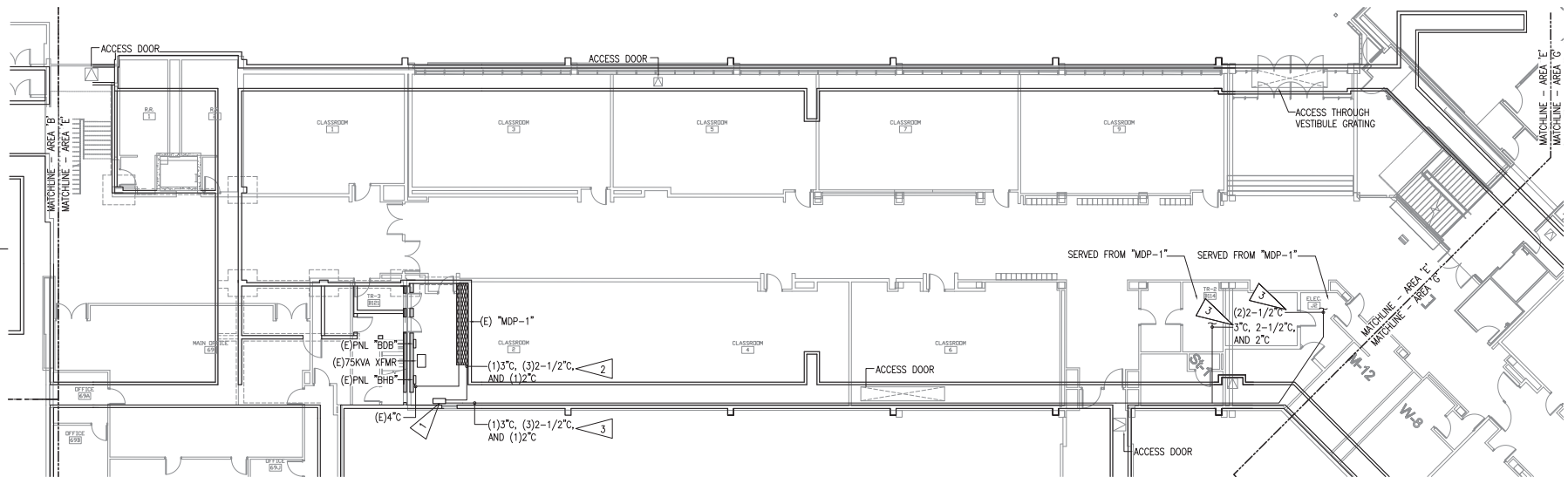


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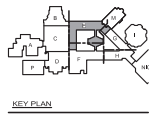
**REVISIONS**

No	Description	Date

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**1 AREA E UTILIDOR REMODEL PLAN**  
 3/32" = 1'-0"



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 (907) 276-2121  
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**WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II**  
 1700 Hillcrest Drive  
 ASD Contract No.: 21C006  
 ASD Project No.: 850039  
 RSA Project No.: M0221.10  
 RECORDED DRAWINGS  
 APRIL 17, 2023

**UTILIDOR REMODEL - AREA E E2.01**

**NOTIFICATION OF CHILD OCCUPIED FACILITY**

PORTIONS OF THIS BUILDING ARE CLASSIFIED AS A CHILD OCCUPIED FACILITY IN ACCORDANCE WITH 40 CFR 745 AND LEAD-BASED PAINTS MAY BE PRESENT ON COMPONENTS TO BE DISTURBED IN THESE AREAS. PERSONNEL PERFORMING WORK IN THESE AREAS MUST COMPLY WITH THE REQUIREMENTS OF 40 CFR 745, INCLUDING TRAINING, WORK PRACTICES AND CLEANING OF THE WORK AREA. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF LEAD MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

**NOTIFICATION OF POTENTIAL HAZARDS**

ASBESTOS, LEAD AND OTHER POTENTIALLY HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1 AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.



Anchorage School District

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**REVISIONS**

No	Description	Date

**PROJECT RECORD DRAWINGS**

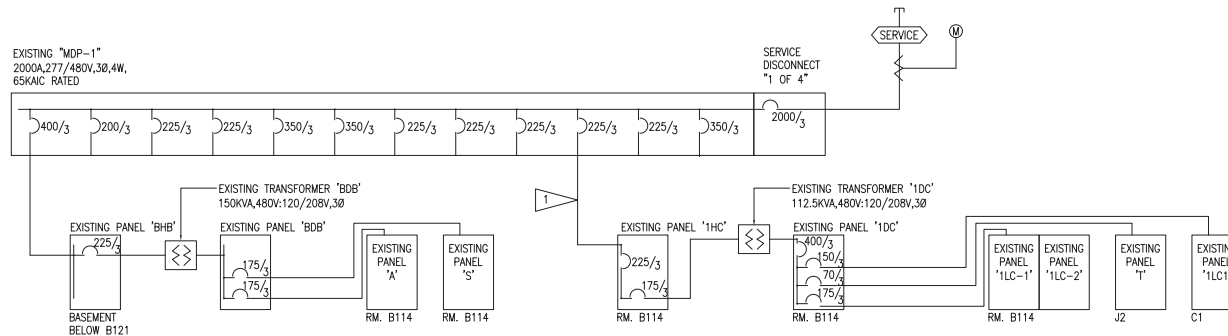
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**GENERAL NOTES**

- A. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- B. SEE 1/E1.01 FOR EXISTING FEEDER LOCATION.

**SHEET NOTES**

- 1. REFER TO 1/E2.01 FOR SIZE AND QUANTITY OF FEEDERS TO BE RE-ROUTED.



1 PARTIAL EXISTING ONE-LINE DIAGRAM - MDP-1  
NTS



KEY PLAN



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(907) 276-2521  
Corporate No.: AEECS240

WEST HIGH SCHOOL UTILIDOR UPGRADES - PHASE II

1700 Hillcrest Drive

ASD Contract No.: 210006  
ASD Project No.: 850039  
RSA Project No.: M022110

RECORDED DRAWINGS  
APRIL 17, 2023

MDP-1 PARTIAL ONE-LINE DIAGRAM  
**E3.01**