

May 14, 2021

SOLICITATION ADDENDUM NO. 2 ITB 20-0044 Highland Park Middle School A Hall Locker Replacement

THE FOLLOWING CHANGES/ADDITIONS TO THE ABOVE CITED SOLICITATION ARE ANNOUNCED:

This Addendum modifies the Invitation to Bid (ITB) document(s) only to the extent indicated herein. Allother areas not changed or otherwise modified by this Addendum shall remain in full force and effect. This Addendum is hereby made an integral part of the ITB document. Bidder must be responsive to any requirements of this Addendum as if the requirements were set forth in the ITB. Failure to do so may result in Bid rejection. See the ITB regarding requests for clarification or change and protests of this Addendum, and the deadlines for the foregoing.

This addendum is to be acknowledged in the space provided on the Bidder Certification form supplied in the solicitation document. Failure to acknowledge receipt of this addendum may be cause to reject your offer.

The closing date IS May 18, 2021 at 2:00 PM Pacific Time

CHANGES:

1) The Revised Drawings attached to this Addendum 1 hereby replace any corresponding pages in ATTACHMENT J Drawings. If any pages in the Revised Drawings do not have a corresponding page in ATTACHMENT J Drawings, such pages are hereby added to ATTACHMENT J Drawings. Refer to the attached Engineer's Summary for a summary of any changes/additions to the Drawings.

QUESTIONS:

Question:	Contractor will be responsible for disposal of lockers after removed by others? Will the lockers be in the same condition as seen at the Prebid walk after removal?						
Answer:	Yes the contractor is responsible for disposal of lockers after removal by the abatement contractor. Yes, lockers are expected to be in the same condition when removed.						
Question:	Will the locker bases and trim be removed by others?						
Answer:	Yes, abatement contractor will remove existing trim and cove base.						
Question: Answer:	Substitution Request Attached Approved						

HIGHLAND PARK - 'A' HALL LOCKER REPLACEMENT

BEAVERTON, OR

BEAVERTON SCHOOL DISTRICT

2180 SW 170TH AVE BEAVERTON, OR, 97003 (T): (503) 356-4458 (F): (503) 356-4491 CONTACT: ALEXANDER SANTA

TBD

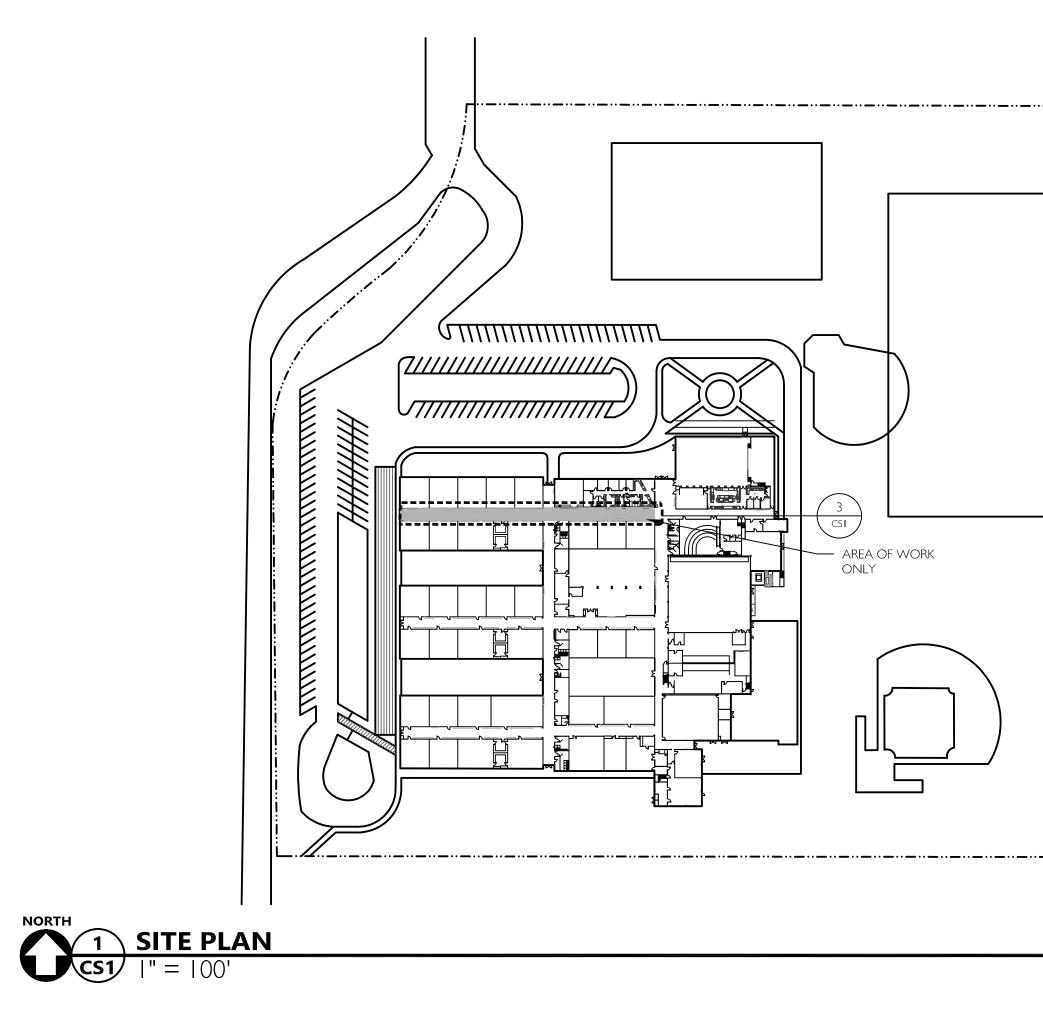
CONTRACTOR

STREET ADDRESS CITY, STATE, ZIP (T): (555) 555-5555 (F): (555) 555-5555 CONTACT: --

CIDA, INC.

15895 SW 72ND AVE, SUITE 200 PORTLAND, OREGON 97224 (T): (503) 226-1285 (F): (503) 226-1670 CONTACT: JEN HAWKINS

ARCHITECT/ STRUCTURAL ENGINEER



OWNER

LEGAL DESCRIPTION

TAX LOT: ISI2IBD TAX MAP: 3550

BUILDING CODE INFORMATION

DESIGN CODE: OCCUPANCY:

CONSTRUCTION TYPE: BUILDING AREA: AREA OF WORK ONLY: 3,000 SF

F-1, S-1, B (NON-SEPARATED) III-B (SPRINKLERED) 107,392 SF

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)

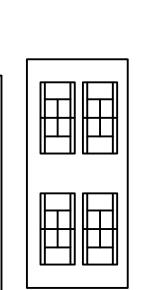
SITE -

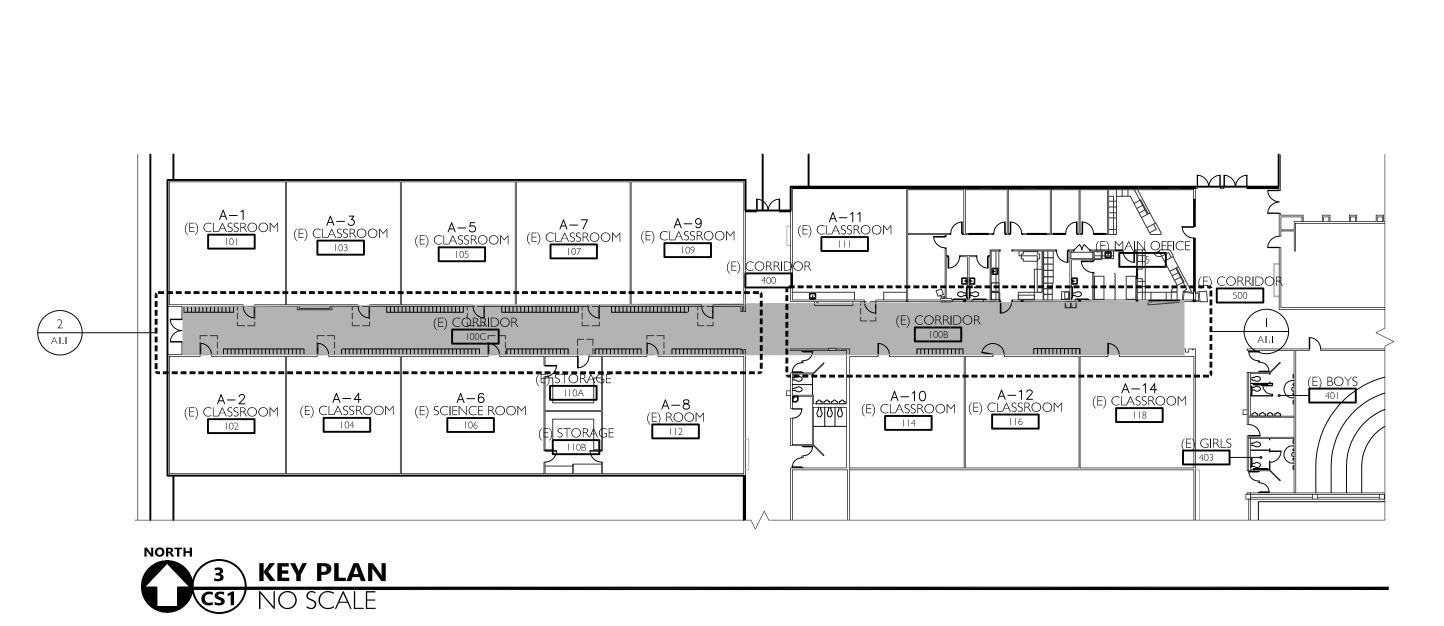
ССВ #:-----

PROJECT DESCRIPTION

THIS PROIECT IS REPLACEMENT OF 198 FULL-SIZE METAL LOCKERS WITH NEW HALF-SIZE METAL LOCKERS TO INCREASE STUDENT'S AVAILABILITY TO LOCKERS. WE ANTICIPATE THE MAJORITY OF THE NEW LOCKERS TO BE INSTALLED AGAINST THE WALL AND BELOW A NEW SOFFIT AREA. WE ANTICIPATE UP TO TWO SETS OF 12 LOCKERS TO BE FREESTANDING.

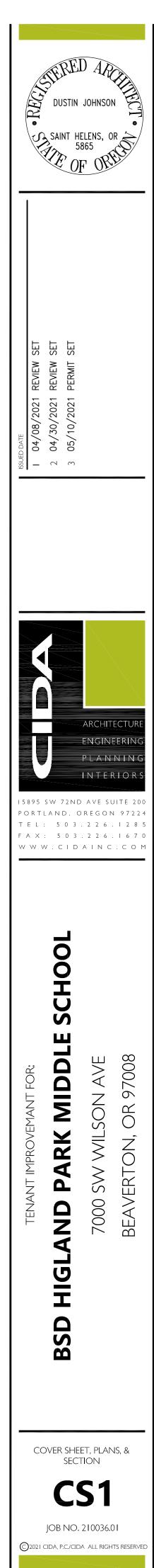
REPLACEMENT OR ADJUSTMENTS TO THE MECHANICAL AND ELECTRICAL SYSTEMS ARE ASSUMED NOT TO BE REQUIRED.





											RELEASES	
								: 05/10/2021 PERMIT SET		03/12/2021 REVIEW SET		
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										•	ARCHITECTURAL AI.I FLOOR PLAN & REFLECTED CEILING PLAN	





REFERENCE BEAVERTON SCHOOL DISTRICT (BSD) TECHNICAL STANDARDS FOR FURTHER SPECIFICATIONS (ARCH/MEP) PROVIDED AT HTTPs://WWWW.BEAVERTON.KI2.OR.US/DEPARTMENTS/FACILITIES-DEVELOPMENT/TECHNICAL-

STANDARDS. FULLY INCORPORATED. IN CASE OF DISCREPANCIES, CONTRACTOR TO NOTIFY A/E FOR CLARIFICATION.

DIVISION I GENERAL REQUIREMENTS

I.I GENERAL CONDITIONS

- A. ALL WORK UNDER THIS CONTRACT TO BE IN ACCORDANCE WITH THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION AIA DOCUMENT A201, 2007 EDITION OR OTHER APPROVED FORMAT. B. WHERE ANY ARTICLE, PARAGRAPH, SUBPARAGRAPH OR CLAUSE OF THE GENERAL CONDITIONS IS MODIFIED OR DELETED BY THESE SUPPLEMENTS, THE UNALTERED PROVISIONS OF THAT ARTICLE, PARAGRAPH, SUBPARAGRAPH OR CLAUSE SHALL REMAIN IN EFFECT.
- I.2 INTERPRETATION
- A. VIEWED OR APPROVED BY ARCHITECT/ENGINEER SHALL MEAN WRITTEN REVIEW OR APPROVAL BY ARCHITECT/ENGINEER OR AN AUTHORIZED CONSULTANT.
- B. REFERENCE IN THE SPECIFICATIONS TO A SINGLE ITEM OR PIECE OF EQUIPMENT SHALL APPLY TO AS MANY SUCH ITEMS AS ARE INDICATED ON DRAWINGS OR REQUIRED TO COMPLETE THE PROJECT. C. INDICATING AN ITEM OR METHOD ON THE DRAWINGS REQUIRES THE CONTRACTOR TO FURNISH,
- FABRICATE AND INSTALL THE ITEM, UNLESS INDICATED OTHERWISE.
- I.3 FEES
- A. UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS, THE OWNER SHALL PAY FOR PLAN CHECK FEES AND BUILDING PERMIT FEES, INCLUDING SEWER, GAS AND WATER CONNECTION FEES, AS WELL AS OTHER ASSESSMENTS OR FEES ESTABLISHED BY THE AUTHORITY HAVING JURISDICTION. THE CONTRACTOR SHALL PAY FOR ALL OTHER PERMITS, FEES, LICENSES AND INSPECTIONS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK, INCLUDING PLUMBING, MECHANICAL AND ELECTRICAL PERMIT FEES.
- I.5 SUBMITTALS A. SHOP DRAWINGS: PREPARE PROJECT-SPECIFIC INFORMATION, DRAWN ACCURATELY TO SCALE. DO NOT BASE SHOP DRAWINGS ON REPRODUCTIONS OF THE CONTRACT DOCUMENTS OR STANDARD PRINTED DATA, UNLESS SUBMITTAL BASED UPON ARCHITECT'S DIGITAL DATA DRAWING FILES IS OTHERWISE PERMITTED.
- B. SAMPLES: SUBMIT SAMPLES FOR REVIEW OF KIND, COLOR, PATTERN, AND TEXTURE FOR A CHECK OF THESE CHARACTERISTICS WITH OTHER ELEMENTS AND FOR A COMPARISON OF THESE CHARACTERISTICS BETWEEN SUBMITTAL AND ACTUAL COMPONENT AS DELIVERED AND INSTALLED.
- C. PRODUCT DATA: COLLECT INFORMATION INTO A SINGLE SUBMITTAL FOR EACH ELEMENT OF CONSTRUCTION AND TYPE OF PRODUCT OR EQUIPMENT..

I.7 EXECUTION REQUIREMENTS

- A. CUTTING AND PATCHING: COMPLY WITH REQUIREMENTS FOR AND LIMITATIONS ON CUTTING AND PATCHING OF CONSTRUCTION ELEMENTS.
- I. STRUCTURAL ELEMENTS: WHEN CUTTING AND PATCHING STRUCTURAL ELEMENTS, NOTIFY ARCHITECT OF LOCATIONS AND DETAILS OF CUTTING AND AWAIT DIRECTIONS FROM THE ARCHITECT BEFORE PROCEEDING. SHORE, BRACE, AND SUPPORT STRUCTURAL ELEMENT DURING CUTTING AND PATCHING. DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT COULD CHANGE THEIR LOAD-CARRYING CAPACITY OR INCREASE DEFLECTION
- 2. OPERATIONAL ELEMENTS: DO NOT CUT AND PATCH OPERATING ELEMENTS AND RELATED COMPONENTS IN A MANNER THAT RESULTS IN REDUCING THEIR CAPACITY TO PERFORM AS INTENDED OR THAT RESULTS IN INCREASED MAINTENANCE OR DECREASED OPERATIONAL LIFE OR SAFETY. 3. OTHER CONSTRUCTION ELEMENTS: DO NOT CUT AND PATCH OTHER CONSTRUCTION ELEMENTS OR
- COMPONENTS IN A MANNER THAT COULD CHANGE THEIR LOAD-CARRYING CAPACITY, THAT RESULTS IN REDUCING THEIR CAPACITY TO PERFORM AS INTENDED, OR THAT RESULTS IN INCREASED MAINTENANCE OR DECREASED OPERATIONAL LIFE OR SAFETY. 4. VISUAL ELEMENTS: DO NOT CUT AND PATCH CONSTRUCTION IN A MANNER THAT RESULTS IN VISUAL
- EVIDENCE OF CUTTING AND PATCHING. DO NOT CUT AND PATCH EXPOSED CONSTRUCTION IN A MANNER THAT WOULD, IN ARCHITECT'S OPINION, REDUCE THE BUILDING'S AESTHETIC QUALITIES. REMOVE AND REPLACE CONSTRUCTION THAT HAS BEEN CUT AND PATCHED IN A VISUALLY UNSATISFACTORY MANNER.
- B. EXISTING CONDITIONS: THE EXISTENCE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AND CONSTRUCTION INDICATED AS EXISTING ARE NOT GUARANTEED. BEFORE BEGINNING SITEWORK, INVESTIGATE AND VERIFY THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES, MECHANICAL AND ELECTRICAL SYSTEMS, AND OTHER CONSTRUCTION AFFECTING THE WORK.
- C. BEFORE CONSTRUCTION, VERIFY THE LOCATION AND INVERT ELEVATION AT POINTS OF CONNECTION OF SANITARY SEWER, STORM SEWER, AND WATER-SERVICE PIPING; UNDERGROUND ELECTRICAL SERVICES, AND OTHER UTILITIES.
- D. SITE IMPROVEMENTS: LOCATE AND LAY OUT SITE IMPROVEMENTS, INCLUDING PAVEMENTS, GRADING, FILL AND TOPSOIL PLACEMENT, UTILITY SLOPES, AND RIM AND INVERT ELEVATIONS.
- E. BUILDING LINES AND LEVELS: LOCATE AND LAY OUT CONTROL LINES AND LEVELS FOR STRUCTURES, BUILDING FOUNDATIONS, COLUMN GRIDS, AND FLOOR LEVELS, INCLUDING THOSE REQUIRED FOR MECHANICAL AND ELECTRICAL WORK. TRANSFER SURVEY MARKINGS AND ELEVATIONS FOR USE WITH CONTROL LINES AND LEVELS. LEVEL FOUNDATIONS AND PIERS FROM TWO OR MORE LOCATIONS.
- F. TEMPORARY SUPPORT: PROVIDE TEMPORARY SUPPORT OF WORK TO BE CUT.
- G. PROTECTION: PROTECT IN-PLACE CONSTRUCTION DURING CUTTING AND PATCHING TO PREVENT DAMAGE. PROVIDE PROTECTION FROM ADVERSE WEATHER CONDITIONS FOR PORTIONS OF PROJECT THAT MIGHT BE EXPOSED DURING CUTTING AND PATCHING OPERATIONS.
- H. ADJACENT OCCUPIED AREAS: AVOID INTERFERENCE WITH USE OF ADJOINING AREAS OR INTERRUPTION OF FREE PASSAGE TO ADJOINING AREAS.
- I. EXISTING UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS: WHERE EXISTING SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, BYPASS SUCH SERVICES/SYSTEMS BEFORE CUTTING TO MINIMIZE INTERRUPTION TO OCCUPIED AREAS.
- CUTTING: CUT IN-PLACE CONSTRUCTION BY SAWING, DRILLING, BREAKING, CHIPPING, GRINDING, AND SIMILAR OPERATIONS, INCLUDING EXCAVATION, USING METHODS LEAST LIKELY TO DAMAGE ELEMENTS RETAINED OR ADJOINING CONSTRUCTION. IF POSSIBLE, REVIEW PROPOSED PROCEDURES WITH ORIGINAL INSTALLER; COMPLY WITH ORIGINAL INSTALLER'S WRITTEN RECOMMENDATIONS.
- K. PATCHING: PATCH CONSTRUCTION BY FILLING, REPAIRING, REFINISHING, CLOSING UP, AND SIMILAR OPERATIONS FOLLOWING PERFORMANCE OF OTHER WORK. PATCH WITH DURABLE SEAMS THAT ARE AS INVISIBLE AS PRACTICABLE. PROVIDE MATERIALS AND COMPLY WITH INSTALLATION REQUIREMENTS SPECIFIED IN OTHER SECTIONS, WHERE APPLICABLE.
- L. CLEANING: CLEAN PROJECT SITE AND WORK AREAS DAILY, INCLUDING COMMON AREAS. ENFORCE REQUIREMENTS STRICTLY. DISPOSE OF MATERIALS LAWFULLY.
- M. PROVIDE FINAL PROTECTION AND MAINTAIN CONDITIONS THAT ENSURE INSTALLED WORK IS WITHOUT DAMAGE OR DETERIORATION AT TIME OF SUBSTANTIAL COMPLETION.

DIVISION 2 EXISTING CONDITIONS

- 2.1 SELECTIVE DEMOLITION
- A. GENERAL: DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS
- I. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS TO REMAIN.
- 2. CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES TO AVOID MARRING EXISTING FINISHED SURFACES.
- 3. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN WATCH AND PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.
- 4. LOCATE SELECTIVE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING. 5. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
- B. REUSE OF BUILDING ELEMENTS: PROJECT HAS BEEN DESIGNED TO RESULT IN END-OF-PROJECT RATES FOR REUSE OF BUILDING ELEMENTS AS FOLLOWS. DO NOT DEMOLISH BUILDING ELEMENTS BEYOND WHAT IS INDICATED ON DRAWINGS WITHOUT ARCHITECT'S APPROVAL.
- C. REMOVED AND SALVAGED ITEMS. CLEAN SALVAGED ITEMS: PACK OR CRATE ITEMS AFTER CLEANING. IDENTIFY CONTENTS OF CONTAINERS. STORE ITEMS IN A SECURE AREA UNTIL DELIVERY TO OWNER.
- PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE
- D. REMOVED AND REINSTALLED ITEMS: CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE. PAINT EQUIPMENT TO MATCH NEW EQUIPMENT. I. PACK OR CRATE ITEMS AFTER CLEANING AND REPAIRING, IDENTIFY CONTENTS OF CONTAINERS.

- 2. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE. MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS

DIVISION 9 FINISHES

- 9.2 GYPSUM WALLBOARD
- GYPSUM BOARD INDICATED AND WHICHEVER IS MORE STRINGENT.
- C. TYPE X: THICKNESS: 5/8 INCH (15.9 MM). LONG EDGES: TAPERED.
- D. INTERIOR TRIM: ASTM C 1047.
- E. JOINT TREATMENT: COMPLY WITH ASTM C 475/C 475M. F. JOINT TAPE:
- I. INTERIOR GYPSUM WALLBOARD: PAPER.
- M. APPLYING AND FINISHING PANELS, GENERAL:
- I. COMPLY WITH ASTM C 840.
- T. GYPSUM BOARD FINISH LEVELS: FINISH PANELS TO LEVELS INDICATED BELOW:

9.4 PAINTING

- A. MATERIAL COMPATIBILITY
- B. COLORS: REFER TO BSD FOR COLOR C. SHEEN: MATCH EXISTING
- D. SUBMITTALS:
- I. SUBMIT PRODUCT MSDS AND PRODUCT DATA SHEETS.
- 2. SUBMIT DRAW DOWNS TO ARCHITECT FOR COLOR VERIFICATION.
- INDOOR OR OUTDOOR APPLICATIONS.
- METER AS FOLLOWS:
- I. GYPSUM BOARD: 12 PERCENT.
- FINISHES AND PRIMERS.
- INDICATED.
- K. GYPSUM BOARD SUBSTRATES: LATEX SYSTEM:
- 16. TOPCOAT: INTERIOR/EXTERIOR ACRYLIC.
- DIVISION 10 SPECIALTIES

10.1 METAL STUDENT LOCKERS

A. MANUFACTURERS I. ACCEPTABLE MANUFACTURER; LIST INDUSTRIES, INC. SUPERIOR LOCKERS

b warranty

- THIS SECTION FOR THE LIFETIME OF THE FACILITY.
- C. LOCKER TYPES:
- INDUSTRIES INC. OR APPROVED EQUAL. I. TYPE: 2 TIER
- 2. SIZE: 12" WIDE X 14" DEEP X 72" HIGH
- D. BOOKSAFE III CORRIDOR LOCKERS:
- 2. SIDES: 16 GAUGE SOLID SHEET STEEL 3. TOPS, BOTTOMS, SHELVES: 16 GAUGE SOLID SHEET STEEL
- 4. BACKS: 18 GAUGE SOLID SHEET STEEL E. MATERIALS:

 - NUTS OR LOCK WASHERS.
 - ALUMINUM.
 - ALUMINUM RIVETS.

F. CONSTRUCTION: LOCKERS SHALL BE "SUPERIOR BOOKSAFE III CORRIDOR LOCKERS" AS MANUFACTURED BY LIST INDUSTRIES INC. OR APPROVED EQUAL. ALL LOCKERS SHALL BE FACTORY-ASSEMBLED, OF ALL MIG WELDED CONSTRUCTION, IN MULTIPLE COLUMN UNITS TO MEET JOB CONDITIONS. ASSEMBLY OF LOCKER BODIES BY MEANS OF BOLTS, SCREWS, OR RIVETS WILL NOT BE PERMITTED. WELDING OF KNOCKDOWN LOCKER METAL STUDENT LOCKERS I 0 51 13-3 CONSTRUCTION IS NOT ACCEPTABLE. GRIND EXPOSED WELDS AND METAL EDGES

- FLUSH AND MAKE SAFE TO TOUCH.

- BENDS AT FRONT AND SHALL BE MIG WELDED TO THE SIDES. 5. BACKS: SHALL BE 18 GAUGE COLD ROLLED SHEET STEEL, BE CONTINUOUS TO COVER A MULTIPLE
- PLAIN (NON-PERFORATED).

- HAND SIDE HINGED.

REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW

NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED. EXISTING ITEMS TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.

A. GENERAL: COMPLYING WITH ASTM C 36/C 36M OR ASTM C 1396/C 1396M, AS APPLICABLE TO TYPE OF B. REGULAR TYPE: THICKNESS: 5/8 INCH (15.9 MM). LONG EDGES: TAPERED.

L. STEEL DRILL SCREWS: ASTM C 1002, UNLESS OTHERWISE INDICATED.

CONTROL JOINTS: INSTALL CONTROL JOINTS AT LOCATIONS INDICATED ON DRAWINGS.

I. LEVEL 4: FIVE COATS DRYWALL MUD FINISH- CORRIDORS, GYMNASIUMS, LOCKER ROOMS, CAFETERIA, OFFICES, HIGH TRAFFIC/PUBLIC AREAS; EXCEEDS SURFACE LEVEL #4.

I. PROVIDE MATERIALS FOR USE WITHIN EACH PAINT SYSTEM THAT ARE COMPATIBLE WITH ONE ANOTHER AND SUBSTRATES INDICATED, UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE. 2. FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY

MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.

F. COMPLY WITH ALL LOCAL AND STATE ORDINANCES REGARDING VOC CONTENT OF PRODUCTS FOR G. MAXIMUM MOISTURE CONTENT OF SUBSTRATES: WHEN MEASURED WITH AN ELECTRONIC MOISTURE

I. VERIFY SUITABILITY OF SUBSTRATES, INCLUDING SURFACE CONDITIONS AND COMPATIBILITY WITH EXISTING

J. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS IN "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES AND PAINT SYSTEMS

14. PRIME COAT: INTERIOR/EXTERIOR PVA (POLYVINYL ACETATE) MATCHING TOPCOAT. 15. INTERMEDIATE COAT: INTERIOR/EXTERIOR ACRYLIC LATEX, RODDA PAINT PASYN, OR EQUAL TOPCOAT.

CONNECTOR; EASTANOLLEE, GA 30538; TEL: 706-827-2700; FAX: 706-827-2710; EMAIL:REQUEST INFO (SALES@ASI-GLOBALPARTITIONS.COM); WEB:HTTP://ASI-GLOBALPARTITIONS.COM

I. ALL-WELDED LOCKERS ARE COVERED AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP EXCLUDING FINISH, DAMAGE RESULTING FROM DELIBERATE DESTRUCTION AND VANDALISM UNDER

I. GENERAL: LOCKERS SHALL BE "SUPERIOR BOOKSAFE III CORRIDOR LOCKERS" AS MANUFACTURED BY LIST

1. DOORS: 14 GAUGE SOLID SHEET STEEL WITH RECESSED HANDLE, AND SINGLE-POINT LATCHING

I. STEEL SHEET: ALL SHEET STEEL USED IN FABRICATION SHALL BE PRIME GRADE FREE FROM SCALE AND IMPERFECTIONS AND CAPABLE OF TAKING A HEAVY COAT OF HIGH GLOSS BAKED ENAMEL. 2. FASTENERS: CADMIUM, ZINC OR NICKEL PLATED STEEL; BOLT HEADS, SLOTLESS TYPE; SELF LOCKING

3. HARDWARE: HOOKS AND HANG RODS OF CADMIUM PLATED OR ZINC PLATED STEEL OR CAST

4. HANDLE: SEAMLESS DRAWN STAINLESS STEEL RECESSED HANDLE.5. NUMBER PLATES: TO BE POLISHED ALUMINUM WITH NOT LESS THAT 3/8" HIGH ETCHED NUMBERS ATTACHED TO DOOR WITH TWO

I... UNIBODY VERTICAL SIDE PANELS: SHALL BE OF INTEGRAL FRAME AND SIDE WALL CONSTRUCTION MANUFACTURED FROM SOLID 16 GAUGE SHEET STEEL. THE ONE-PIECE SIDE/FRAME SHALL BE FORMED TO PROVIDE A CONTINUOUS DOOR STRIKE ON THE HINGE SIDE. AN ADDITIONAL CONTINUOUS VERTICAL DOOR STRIKE SHALL BE ACHIEVED AT THE LATCH SIDE BY MIG WELDING A 16 GAUGE FULL HEIGHT CHANNEL FRAME MEMBER TO THE INTEGRAL LOCKER SIDE PRODUCING A RIGID TORQUE-FREE WELDED LOCKER BODY. THE FRAME SHALL INCLUDE A TAB WHICH ENGAGES A SLOT IN THE BASE LOCKING THE SIDE PANEL AND FRAME INTO POSITION. SIDES TO BE SOLID.

2. INTEGRAL FRAME LOCKER BASE: 16 GAUGE FORMED SHEET STEEL WITH DOUBLE RETURN FLANGES AT THE FRONT AND REAR. A FULL DEPTH HORIZONTAL CHANNEL SHALL BE MIG WELDED UNDER THE LOCKER BOTTOM FRONT-TO-BACK AT THE LEFT AND RIGHT SIDE OF EACH WELDED LOCKER UNIT AS WELL AS BENEATH EACH VERTICAL SIDE PANEL FOR MAXIMUM RIGIDITY.

3. FLAT TOPS: SHALL BE FORMED OF ONE PIECE OF 16 GAUGE COLD ROLLED SHEET STEEL AND SHALL BE AN INTEGRAL PART MIG WELDED TO EACH VERTICAL SIDE PANEL FRAME MEMBER AND BE CONTINUOUS TO COVER THE FULL WIDTH OF A MULTIPLE LOCKER UNIT

4. HAT SHELVES, INTERMEDIATE SHELVES AND BASES: SHALL BE 16 GAUGE SHEET STEEL, HAVE DOUBLE

UNIBODY UNITAND BE WELDED TO EACH VERTICAL SIDE PANEL. 6. DOORS: DOOR TO BE FABRICATED FROM SINGLE SHEET PRIME 14 GAUGE WITH SINGLE BENDS AT TOP

AND BOTTOM AND DOUBLE BENDS AT THE SIDES WITH A 3" (1-1/2" FOR 9" WIDE DOORS) WIDE 18 GAUGE FULL HEIGHTCHANNEL DOOR STIFFENER MIG WELDED TO THE HINGE SIDE OF THE DOOR AS WELL AS TO THE TOP AND BOTTOM DOOR RETURN BENDS AND SPOT WELDED TO THE INSIDE OF DOOR FACE TO FORM A RIGID TORQUE-FREE BOX REINFORCEMENT FOR THE DOOR. DOOR SHALL BE

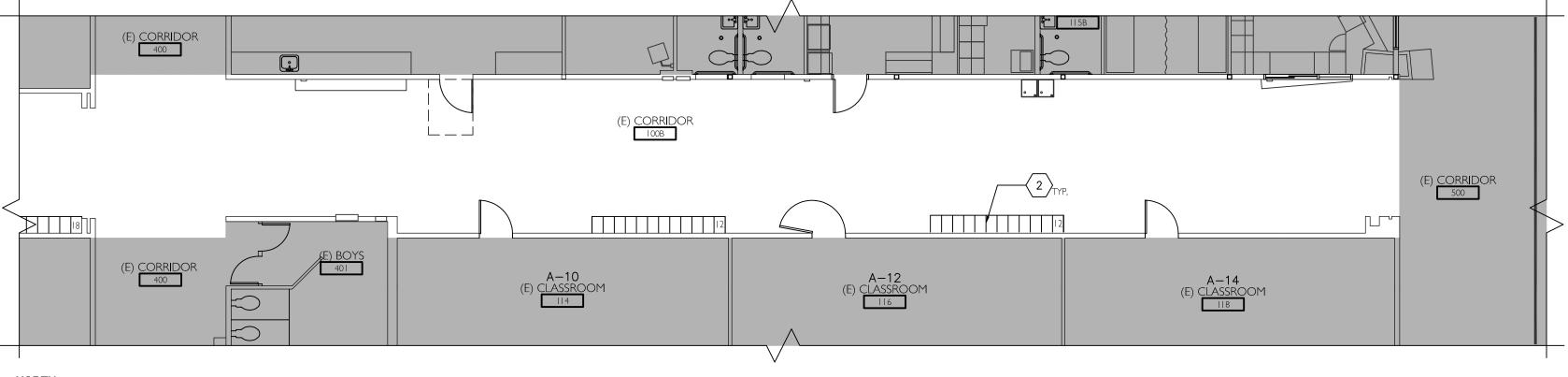
7. HANDLE: ALL LOCKER DOORS SHALL HAVE A SEAMLESS DRAWN 304 STAINLESS STEEL RECESSED HANDLE SHAPED TO RECEIVE A PADLOCK OR BUILT-IN COMBINATION LOCK. THE RECESS PAN SHALL BE DEEP ENOUGH TO HAVE THE LOCK BE COMPLETELY FLUSH WITH THE OUTER DOOR FACE. 8. LATCHING: THE LATCHING MECHANISM SHALL BE SINGLE-POINT RIGID NON-MOVING POSITIVE LATCH BY MEANS OF A HEAVY GAUGE (MINIMUM II GAUGE) LATCH SECURELY WELDED TO THE FRAMED VERTICAL DIVIDER. THE LATCH ASSEMBLY MUST BE MADE OF A SINGLE PIECE OF STEEL AND HAVE A PADLOCK LOOP THAT INSERTS THROUGH THE RECESS PAN. LOCKING DEVICE SHALL BE DESIGNED FOR USE WITH EITHER BUILT-IN COMBINATION LOCKS OR PADLOCKS. LATCH HOOKS SHALL BE I GAUGE (MINIMUM) WITH RIVETED BUMPERS AND SHALL BE MIG WELDED TO VERTICAL FRAME MEMBER 9. DOOR HINGES: HINGES FOR WARDROBE DOORS SHALL NOT BE LESS THAN 16 GAUGE CONTINUOUS PIANO TYPE, SECURELY RIVETED TO FRAME AND WELDED TO THE DOOR. ALL DOORS SHALL BE RIGHT

G. LOCKER ACCESSORIES

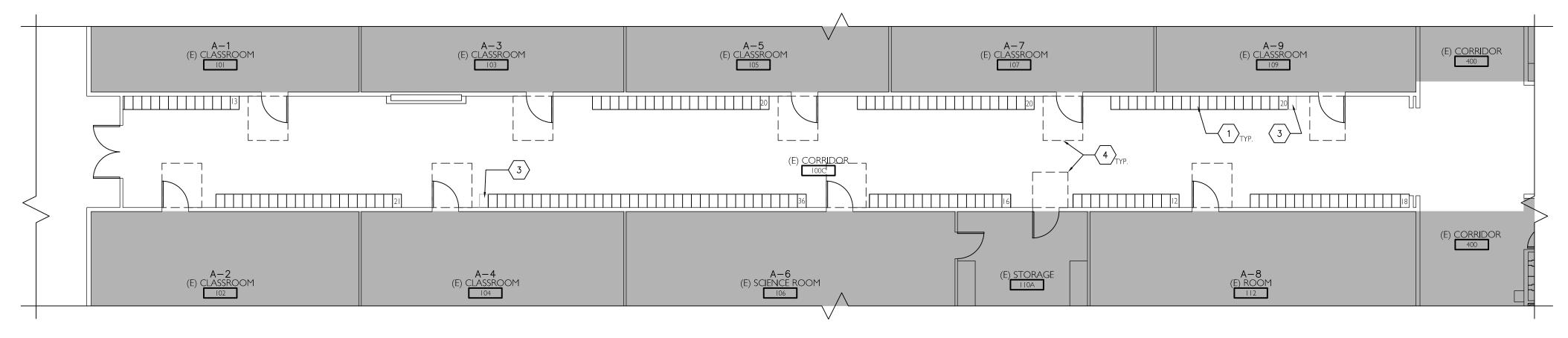
I. LOCKS a. MASTERLOCK 1670, BUILT-IN COMBINATION LOCK FOR LIFT HANDLE, SINGLE POINT AND BOX LOCKERS, HINGED ON THE RIGHT.

- I. EQUIPMENT: FURNISH EACH LOCKER WITH THE FOLLOWING ITEMS, UNLESS OTHERWISE SHOWN. b. SINGLE TIER LOCKERS: OPENINGS 60" AND 72" SHALL INCLUDE ONE HAT SHELF, ONE DOUBLE PRONG CEILING HOOK AND A MINIMUM OF TWO SINGLE PRONG WALL HOOKS.
- c. DOUBLE TIER LOCKERS: OPENINGS 30" THRU 36" HIGH SHALL INCLUDE ONE DOUBLE PRONG CEILING HOOK AND A MINIMUM OF TWO SINGLE PRONG WALL HOOKS.
- d. TRIPLE TIER LOCKERS: OPENINGS 20" THRU 24" HIGH SHALL INCLUDE ONE DOUBLE PRONG CEILING HOOK.
- e. FINISHED END PANELS (IF REQUIRED): SHALL BE "BOXED" TYPE FORMED FROM 16 GAUGE COLD ROLLED STEEL WITH I" O.D. DOUBLE BENDS ON SIDES AND A SINGLE BEND AT TOP AND BOTTOM WITH NO EXPOSED HOLES OR BOLTS. IF LOCKERS HAVE SLOPE TOPS, END PANELS MUST BE FORMED WITH SLOPE AT TOP TO COVER THE ENDS OF THE SLOPE TOPS. FINISHED TO MATCH LOCKERS. PROVIDE AT ALL EXPOSED ENDS.
- f. CONTINUOUS SLOPE TOPS (IF REQUIRED): NOT LESS THAN 18 GAUGE SHEET STEEL APPROXIMATELY 18 DEGREES PITCH, IN LENGTHS AS LONG AS PRACTICAL BUT NOT LESS THAN FOUR LOCKERS. TO BE INSTALLED IN ADDITION TO THE LOCKER FLAT TOP WITH END CLOSURES FOR SUPPORT. FINISHED TO MATCH LOCKERS.
- g. FILLERS (IF REQUIRED): PROVIDE WHERE INDICATED, OF NOT LESS THAN 16 GAUGE SHEET STEEL, FACTORY FABRICATED AND FINISHED TO MATCH LOCKERS
- 3. FINISHING: FINISHING: ALL LOCKER PARTS TO BE CLEANED AND COATED AFTER FABRICATION WITH A SEVEN STAGE HOT-SPRAY WASHING PROCESS AND COATED WITH A ZIRCONIUM-BASED NANOTECHNOLOGY PROVIDING A GREEN ALTERNATIVE TO TRADITIONAL IRON PHOSPHATE FOLLOWED BY A COAT OF HIGH GRADE CUSTOM BLEND POWDER ELECTROSTATICALLY SPRAYED AND BAKED AT 350 DEGREES FAHRENHEIT FOR A MINIMUM OF 20 MINUTES TO PROVIDE A TOUGH DURABLE FINISH. COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD LIST OF COLORS. TWO-TONE COLOR COMBINATION: SHALL BE AT NO ADDITIONAL COST WITH THE LOCKER BODY, FRAME AND TRIM CHOSEN FROM ONE COLOR AND THE DOORS MAY BE ONE OF ANY OTHER COLOR CHOSEN FROM MANUFACTURERS STANDARD SELECTION
- 4. LOCKERS SHALL BE GREENGUARD GOLD CERTIFIED. H. INSTALLATION
 - I. GENERAL: INSTALLATION SHALL BE IN STRICT CONFORMANCE WITH REFERENCED STANDARDS, THE MANUFACTURER'S WRITTEN DIRECTIONS, AS SHOWN ON THE DRAWINGS AND AS HEREIN SPECIFIED.
 - 2. PLACEMENT: LOCKERS SHALL BE SET IN PLACE, PLUMB, LEVEL, RIGID, FLUSH AND SECURELY ATTACHED TO THE WALL (OR BOLTED TOGETHER IF BACK-TO-BACK) AND ANCHORED TO THE FLOOR OR BASE ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 - 3. ANCHORAGE: ABOUT 48" O.C., UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER, AND APPLY WHERE NECESSARY TO AVOID METAL DISTORTION, USING CONCEALED FASTENERS. FRICTION CUPS ARE NOT ACCEPTABLE.
- 4. TRIM: SLOPING TOPS, METAL FILLERS AND END PANELS SHALL BE INSTALLED USING CONCEALED FASTENERS. PROVIDE FLUSH, HAIRLINE JOINTS AGAINST ADJACENT SURFACE I. ADJUSTMENT
- I. GENERAL: UPON COMPLETION OF INSTALLATION, INSPECT LOCKERS AND ADJUST AS NECESSARY FOR PROPER DOOR OPERATION. TOUCH-UP SCRATCHES AND ABRASIONS TO MATCH ORIGINAL FINISH.

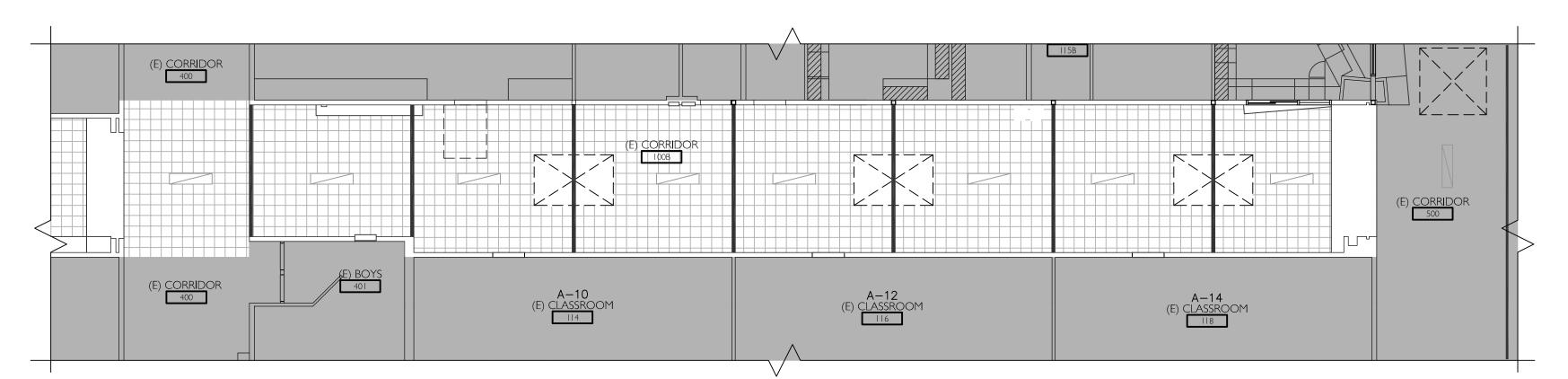




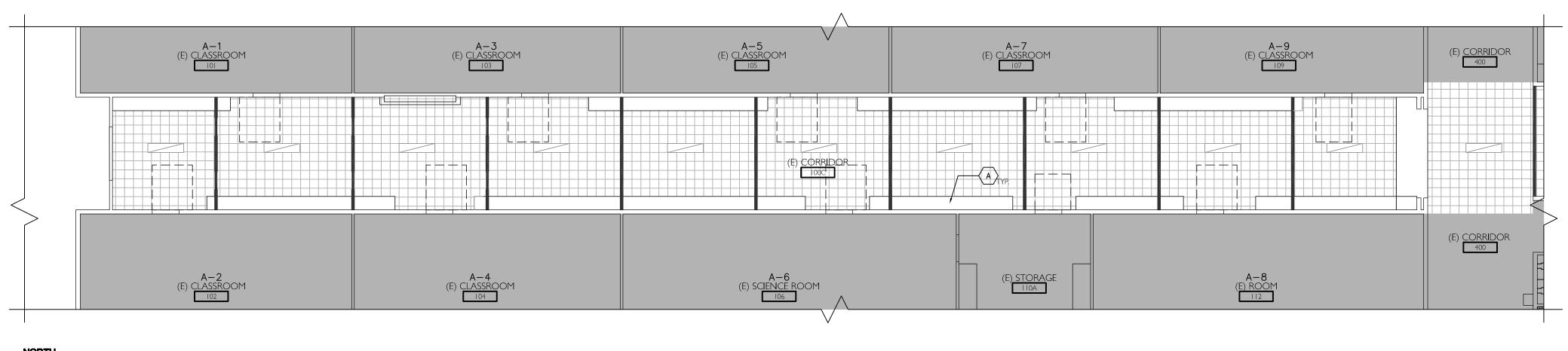
PARTIAL FLOOR PLAN- CORRIDOR 100B



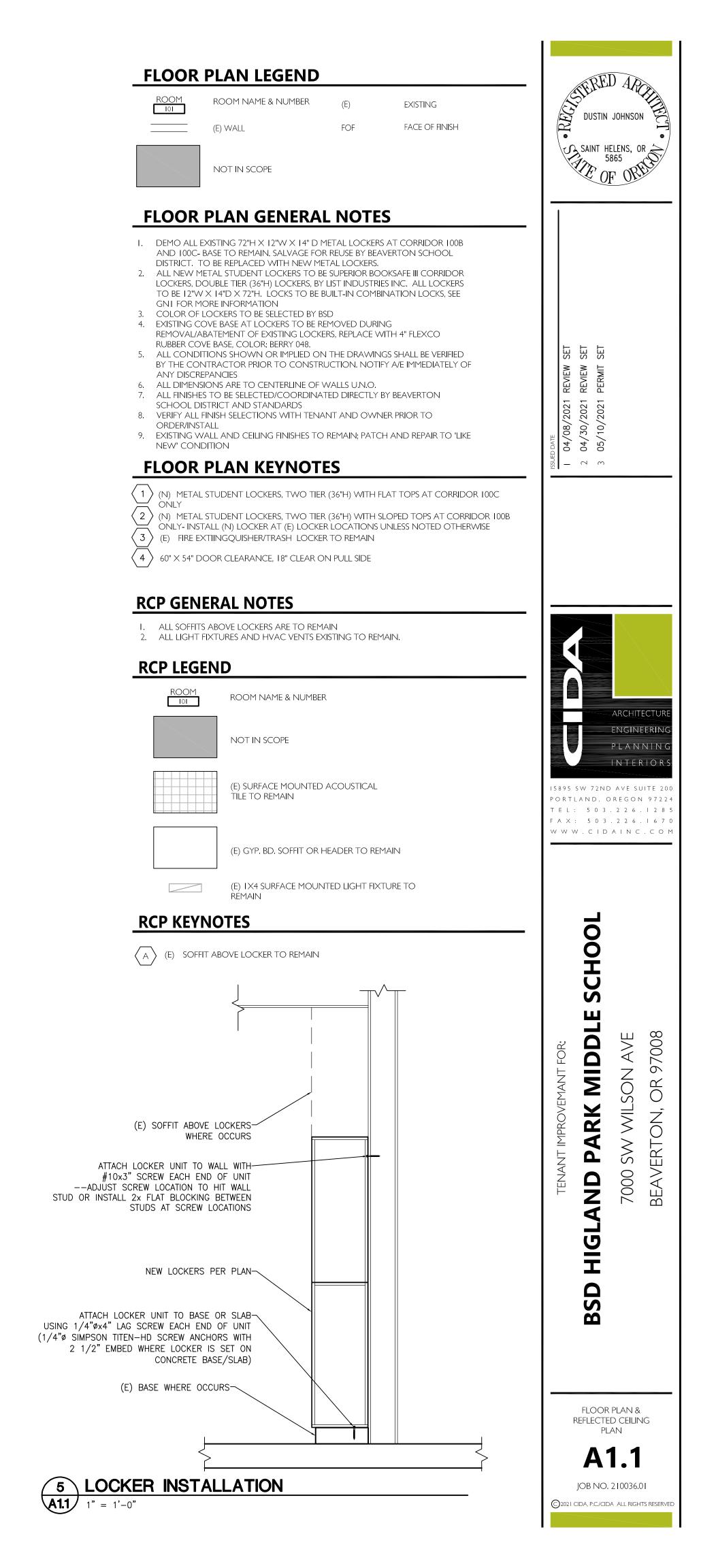
PARTIAL FLOOR PLAN- CORRIDOR 100C



PARTIAL REFLECTED CEILING PLAN- CORRIDOR 100B



A1.1 PARTIAL REFLECTED CEILING PLAN- CORRIDOR 100C





SCHOOL DISTRICT

TO:

PROJECT:

SPECIFIED ITEM:

Section

Page

/ Paragraph

10.1

Description METAL STUDENT LOCKER

PROPOSED SUBSTITUTION:

10

Attached data includes product description, specifications, drawings, photographs, performance and test data adequate for evaluation of request including identification of applicable data portions. Attached data also includes description of changes to Contract Documents and proposed substitution requires for proper installation.

Undersigned certifies following items, unless modified by attachments, are correct:

- 1. Proposed substitution does not affect dimensions shown on drawings.
- Undersigned pays for changes to building design, including engineering design, detailing, and construction costs 2. caused by proposed substitution. 3.
- Proposed substitution has no adverse effect on other trades, construction schedule, or specified warranty 4.
- Maintenance and service parts available locally or readily obtainable for proposed substitution.

Undersigned further certifies function, appearance, and quality of proposed substitution are equivalent or superior

Undersigned agrees, if this page is reproduced, terms and conditions for substitutions found in Bidding Documents apply to this proposed substitution.

Submitted by:			
SCOFT KASMUSSEN Name (Printed or typed)	General Contractor (if after award of Contract)		
Signature UIBETECH SPECIAL TIES LUC			
Firm Name UG31 SW 76th AVC # 300 Address PORTIAND REGEN 97225	For use by A/E Approved Approved as noted		
City, State, Zip $MAY C, 2C21$ Date $CC2 DCG COP$	Not Approved Received too late		
Tel: Fax: 503-659.5746	Date		
20303110	Remarks		

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The Construction Specifications Institute dvancement September 1997 of Construction Northwest Region

SECTION 10505 Rebel 16 Hallway Lockers

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 specifications apply to this section.

1.02 SUMMARY

- **A.** This Section includes the following:
 - 1. REBEL16 Hallway Lockers, including the following:
 - **a.** Single Tier (48", 60" or 72" OH)
 - **b.** Double Tier (48", 60" or 72" OH)
 - **c.** Three Tier (60" or 72" OH)
 - 2. Widths: 12", 15"
 - 3. Depths: 12", 15", 18"
 - **4.** Provide fasteners and anchorage devices to install lockers provided under this section.
 - **5.** Provide metal filler panels to fill between banks of lockers and adjacent construction.

1.03 SUBMITTALS

- **A.** Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of locker and bench.
- **B.** Shop Drawings: Show lockers in detail, method of installation, fillers, trim, base, and accessories. Include locker numbering sequence information.
- **C.** Samples for verification: Submit one full-size locker sample for evaluation. Adherence to the specification is required. Locker submitted must meet specification regardless of manufacturer's standard product. Submit manufacturer's technical data and installation instructions for metal locker units.
- **D.** Maintenance Data: For adjusting, repairing and replacing locker doors and latching mechanisms to include in maintenance manuals specified in Division 1.

1.04 QUALITY ASSURANCE

- **A.** Uniformity and Single Manufacturer Requirements: Provide each type of metal locker as produced by a single USA manufacturer, including necessary mounting accessories, fittings, and fastenings.
- **B.** All of the locker products in this specification as well as all of the materials used to manufacture this product to be produced in the United States of America. No exceptions will be allowed.
- **C.** Installers Qualifications: Lockers to be installed by an experienced agent of the manufacturer.

1.05 DELIVERY, STORAGE, AND HANDLING

- **A.** Packing and Shipping: Do not deliver metal lockers until building is enclosed and ready for locker installation.
- **B.** Storage and Protection: Protect materials from damage during delivery, handling, storage and installation.

1.06 WARRANTY

A. Locker manufacturer shall warrant the lockers for the lifetime use of the original purchaser from date of shipment. Warranty shall include all defects in material and workmanship, excluding finish, vandalism and improper installation.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

- **A.** Acceptable Manufacturers: Subject to compliance with requirements of the Contract Documents, acceptable USA manufacturers are as follows:
 - 1. DeBourgh Manufacturing Company

2.02 FABRICATION

- A. Locker Construction
 - 1. Lockers to be welded unibody construction with exposed welds sanded smooth.
 - 2. No bolts, screws or rivets used in assembly of locker units.
 - **3.** Ship lockers set-up, ready to be anchored in place in accordance with manufacturer's instructions.
- B. Body of Lockers
 - **1.** Tops, Bottoms, Sides: Constructed of 16 Ga domestic Cold Rolled Steel (CRS) for maximum durability.
 - **2.** Backs: Solid sheet of 18 Ga CRS welded to frames of sides and intermediate partitions.
 - **3.** Shelves: Constructed of 16 Ga CRS welded to sides and intermediate partition construction. Shelves provided in lockers 60 inches and taller, located to provide a minimum of 15 inches clearance from top of locker.
 - **4.** Tier Dividers: Full depth CRS securely welded on all four sides, to combine with tops, bottoms, sides, and intermediate partitions.
- C. Continuous Door Strike
 - 1. Tier dividers, tops and bottoms constructed to provide two-sided, continuous door strike on both hinge and latch sides for a secure, sanitary and intrusion-free locker while door is in closed position.
- **D.** Doors
 - **1.** Doors are 14 Ga CRS formed outer panel with double bends on both sides and a single bend on top and bottom.
 - 2. Doors to have 18 Ga steel formed stiffener panel securely welded inside the door to form a reinforced channel for additional torque-free strength and sound reduction when closing door. *Door stiffeners not included on doors with multipoint latching unless specifically requested.*
- E. Door Ventilation
 - 1. Louvers at top and bottom of door. Optional solid ventilation.

F. Latching

- **1.** Sentry II Recessed Gravity Latch:
 - **a.** Door containing stainless steel cup recessed into formed door (doors 18 inches and higher).
 - **b.** 12 Ga steel finger lift mechanism.
 - **c.** Spring activated nylon slide latch enclosed in steel latch channel allows closing of door while padlock or built-in lock is in position
 - **d.** Rubber bumpers riveted to door stops for silent operation

OR

- 2. Sentry III Single-Point Latch
 - **a.** Eleven gauge stationary latch welded securely to locker frame.
 - **b.** Latch extends no more than 1/4 inch into locker openings, penetrating through cup.
 - **c.** Flush-mounted, recessed stainless steel cup in a formed door with 18 gauge vertical back panel stiffener.

G. Hinges

- **1.** 16 Ga continuous piano hinge on the right side of the opening.
- 2. Hinges welded to door and riveted to locker frame.
- H. Slope Tops
 - 1. Provide 20 Ga CRS continuous slope tops with approximately 18 degree slope. Join slope panels with splice joints and finish locker runs with 16 Ga slope top end caps.

OR

- **2.** Provide 18 Ga all welded slope top with 25 degree pitch, attached at factory with concealed fasteners. Slope top to be in addition to standard 18 gauge flat top. OR
- I. Closed Bases
 - **1.** Provide 4 inch high Z-base sections from 16 Ga formed CRS. Securely fasten Z-base to floor and lockers to Z-base.

OR

- 2. Provide 4 inch high, 16 Ga welded steel base enclosed on all four sides securely welded to locker bottom.
- **J.** Filler Panels: Manufacturer's standard fabricated from 18 Ga solid steel finished to match lockers.
- K. Finish:
 - 1. Complete locker unit to be thoroughly cleaned, phosphatized and sealed.
 - 2. Finish to be baked powder coat with a minimum 2-3 mil thickness.
 - 3. As selected from manufacturer's standard offering.

2.03 LOCKER ACCESSORIES

- A. Hooks
 - 1. Hooks to be heavy duty forged steel with ball ends and zinc plated.

METAL LOCKERS 10505-3

2. Provide one double ceiling hook in each locker opening.

B. Numbering

- 1. Furnish each locker with black anodized laser-etched aluminum number plate.
- 2. Locate number plate near center of each door.
- **3.** Owner to furnish numbering sequence.

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Wall Installation
 - **1.** Securely anchor every locker to wall and/or floor before use.
 - 2. Anchoring to be determined by conditions at time of installation.
 - **3.** Install the adjacent locker units by bolting at four points, two at top and two at bottom, using 1/4 inch cadmium plated bolts.

3.02 ADJUSTING

A. General Requirements: Upon completion of installation, inspect lockers and adjust for proper door and locking mechanism operation.

3.03 CLEANING

- **A.** General Requirements
 - 1. Clean interior and exposed exterior surfaces, removing debris, dust, dirt, and foreign substances on exposed surfaces.
 - 2. Touch up scratches and abrasions to match original finish.
 - 3. Polish stainless steel and non-ferrous metal surfaces.
 - 4. Replace locker units that cannot be restored to factory-finished appearance.
 - 5. Use only materials and procedures recommended or furnished by locker manufacturer.



4

ALL-AMERICAN QUALITY. UNIBODY STRENGTH. BEST VALUE PRICE.





ALSO AVAILABLE IN UPGRADED REBEL PLUS

WAYS

