

Issue Date: [December 16, 2025](#)

To: [All Bidding and Cooperative Contractors](#)

BIDDING ADDENDUM NO. [02](#)

JOHNSON CITY CENTRAL SCHOOL DISTRICT

JCCSD CAPITAL PROJECT PHASE 2

HIGH SCHOOL SED # 03-15-02-06-0-011-027

K-8 ELEMENTARY MIDDLE SED # 03-15-02-06-0-020-017

BUS GARAGE SED # 03-15-02-06-5-010-011

BUS STORAGE SOUTH SED # 03-15-02-06-4-014-006

BUS STORAGE NORTH SED # 03-15-02-06-4-015-006

HA PN 2024-239P

I. PURPOSE:

- A. Addenda shall make revisions, additions and/or deletions, and clarifications to the documents dated [December 1, 2025](#), for the project referenced above. Bidders shall review the Addendum in detail and incorporate any effects the Addendum may have in their bid price.
- B. Acknowledgement: Bidders must acknowledge receipt of any and all Addenda in the space provided on the Bid Form. Failure to do so may result in rejection of the Bid. All requirements of the bidding documents remain unchanged except as cited herein.

II. GENERAL INFORMATION:

- A. Pre-Bid Meeting Minutes are attached to this Addendum.
- B. Contractor Pre-Bid Sign-in Sheet is attached to this Addendum.
- C. Last day for questions will be [Tuesday January 6, 2026 at Noon](#)

III. QUESTIONS/CLARIFICATIONS:

[A. RFIs](#)

- [1. See attached](#)

B. Project Construction Budgets

Site	\$1,300,000
GC	\$10,000,000
HVAC	\$2,800,000
Plumb	\$1,600,000
Electrical	\$1,900,000
Roof	\$600,000
Aquatics	\$1,800,000
Food Service	\$600,000
Safe and Sec	\$300,000
Bus Wash	\$250,000
Athletic Flooring	\$60,000

IV. PROJECT MANUAL CHANGES:

A. Unit Prices

1. 00 40 10 For Bid Form page 7
2. 01 22 00 UNIT PRICES Complete Section

B. EPDM Roof Warranty

1. 07 53 00 EPDM THERMOSET SINGLE-PLY ROOFING Complete Section

V. DRAWING CHANGES:

A. CD 003

1. Planter Demolitions
2. Fire Main demolition

B. C 101

1. Showed drainage ditch

C. C 105

1. Shutoffs, fittings, connections

D. C116

1. Drain Basin Detail

VI. ATTACHMENTS:

A. Specifications

1. 00 40 10 BID FORM Page 7

2. 01 22 00 UNIT PRICES Complete Section
3. 07 53 00 EPDM THERMOSET SINGLE-PLY ROOFING Complete Section

B. Drawings

1. CD 003
2. C 101
3. C 105
4. C 116

C. Other

1. RFIs
 - a. RFI DeWald 01 02 03 04 Roofing HA
 - b. RFI Elite Storage 01 HDPE Locker Substitution Request HA
 - c. RFI Elite Storage 02 METAL Locker Substitution Request HA
 - d. RFI GDV 01 Site and EC Light Pole Bases HA
 - e. RFI GDV 02 Site Planters HE – DWG CD 003
 - f. RFI GDV 03 Site South Pool Bldg Stairs HA
 - g. RFI GDV 04 Site Stone Lined Drainage Ditch HE – DWG C101
 - h. RFI GDV 05 Site Connection Details HE – DWG C105
 - i. RFI GDV 06 Site Drain Basin HE – DWG C 116
 - j. RFI Main Line 01 Contract 7 Pool Demo HA
 - k. RFI Main Line 02 Contract 7 Pool Elevation HA
 - l. RFI Main Line 03 Contract 7 Pool Equip Connections Electrical HA
 - m. RFI MJs 01 PCBs HE
 - n. RFI MJs 02 Profit and OH HE Ins CG
 - o. RFI Nelcorp 01 Electrical Conduit HA
 - p. RFI Southern Glass 03 BG Pass Through Window HA
 - q. RFI Streeter 01 Budgets HA
 - r. RFI Streeter 02 Unit Prices HA
 - s. RFI Streeter 03 Extension HA
 - t. RFI World Dryer 01 Substitution HA

END OF DOCUMENT

J:\2024-239 JCCSD Capital Project 2025 and 2026 Phases 1 and 2\Construction Admin\Bidding Addenda\Phase 2\Bidding Addendum 02\Bidding Addendum 02.docx

Addendum 02**Unit Prices**

CONTRACT No. 1: Sitework Capital Project

1. Unit Price UP-LOI: Undercutting
 - a. Description: Undercutting where unsatisfactory soils are discovered. This includes excavation, removal and haul away of unsuitable material, backfill and compaction with suitable granular material as specified in Section 311201.
 - b. Unit of Measurement: Cubic yard, installed.
 - c. Unit Price: _____

2. Unit Price UP-L02: Soil Stabilization Fabric
 - a. Description: Woven soil stabilization fabric furnished and installed as described in Section 321201.
 - b. Unit of Measurement: Square yard, installed.
 - c. Unit Price: _____

3. Unit Price UP-L03: 4" Storm Water Management Trench (SMT):
 - a. Description: 4" Storm water management trench (SMT) piping, filter fabric and drainage stone, furnished and placed. This includes trenching and removals.
 - b. Unit of Measurement: Linear foot, installed.
 - c. Unit Price: _____

4. Unit Price UP-L04: Milling And Top Course Asphalt
 - a. Description: Asphalt milling and removal of existing top course asphalt and installation of new top course asphalt. This includes milling, removal, sweeping, crack repairs, tack coating, and new top course asphalt as specified.
 - b. Unit of Measurement: Square yard, installed.
 - c. Unit Price: _____

5. Unit Price UP-L05: Medium Duty Asphalt (MDA):
 - a. Description: Medium duty asphalt, stabilization fabric and stone sub-base. This includes excavation and removals to asphalt sub-grade for placement of medium duty asphalt.
 - b. Unit of Measurement: Square yard, installed.
 - c. Unit Price: _____

6. Unit Price UP-L07: Lawn Type 1:
 - a. Description: Lawn Type 1 (Seed). This includes fine grading, seeding, mulching, and maintenance.
 - b. Unit of Measurement: Square yard, installed.
 - c. Unit Price: _____

SECTION 01 22 00 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
 - 1. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.

1.3 DEFINITIONS

- A. Unit price is an amount incorporated into the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
- B. Measurement and payment criteria applicable to Work performed under a unit price payment method.
- C. Payment will not be made for any of the following:
 - 1. Products wasted or disposed of in a manner that is not acceptable.
 - 2. Products determined as unacceptable before or after placement.
 - 3. Products not completely unloaded from the transporting vehicle.
 - 4. Products placed beyond the lines and levels of the required Work.
 - 5. Products remaining on hand after completion of the Work.
 - 6. Loading, hauling, and disposing of rejected Products.
- D. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.

- E. List of Unit Prices: A schedule of unit prices is included. Specification Sections referenced in the "Schedule of Unit Prices" Article contain requirements for materials described under each unit price.

1.5 UNIT QUANTITIES SPECIFIED

- A. Quantities indicated in the Bid Form are for bidding and contract purposes only. Quantities and measurements of actual Work will determine the payment amount.
- B. The Owner reserves the right to accept or reject any or all of the unit prices prior to execution of the Contract.
- C. The Owner reserves the right to determine extent of the unit price work to be performed and that portions of unit price work may be performed by the Contractor or others at the Owner's discretion.

1.6 MEASUREMENT OF QUANTITIES

- A. Measurement methods delineated in the individual specification sections complement the criteria of this Section. In the event of conflict, the requirements of the individual specification section govern.
- B. Take all measurements and compute quantities. Measurements and quantities will be verified by the **Construction Manager/Clerk**.
- C. Assist by providing necessary equipment, workers, and survey personnel as required.
- D. Measurement Devices:
 - 1. Weigh Scales: Inspected, tested and certified by the applicable state Weights and Measures department within the past year.
 - 2. Platform Scales: Of sufficient size and capacity to accommodate the conveying vehicle.
 - 3. Metering Devices: Inspected, tested and certified by the applicable State department within the past year.
- E. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
- F. Measurement by Volume: Measured by cubic dimension using mean length, width and height or thickness.
- G. Measurement by Area: Measured by square dimension using mean length and width or radius.
- H. Linear Measurement: Measured by linear dimension, at the item centerline or mean chord.
- I. Stipulated Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as a completed item or unit of the Work.

- J. Perform surveys required to determine quantities, including control surveys to establish measurement reference lines. Notify the **Construction Manager/Clerk** prior to starting work.
- K. Contractor's Engineer Responsibilities: Sign surveyor's field notes or keep duplicate field notes, calculate and certify quantities for payment purposes.

1.7 DEFECT ASSESSMENT

- A. Replace Work, or portions of the Work, not conforming to specified requirements.
- B. If, in the opinion of the **Construction Manager/Clerk**, it is not practical to remove and replace the Work, will direct one of the following remedies:
 - 1. The defective Work may remain, but the unit price will be adjusted to a new unit price at the discretion of the **A/E**.
 - 2. The defective Work will be partially repaired to the instructions of the, and the unit price will be adjusted to a new unit price at the discretion of the **A/E**.
- C. The individual Specification Sections may modify these options or may identify a specific formula or percentage sum/price reduction.
- D. The authority of the **Construction Manager/Clerk or the A/E** to assess the defect and identify payment adjustment is final.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES (Added Addendum 02)

A. CONTRACT No. 1: Site Demolition and Construction

1. Unit Price UP-LOI: Undercutting
 - a. Description: Undercutting where unsatisfactory soils are discovered. This includes excavation, removal and haul away of unsuitable material, backfill and compaction with suitable granular material as specified in Section 311201.
 - b. Unit of Measurement: Cubic yard, installed.
2. Unit Price UP-L02: Soil Stabilization Fabric
 - a. Description: Woven soil stabilization fabric furnished and installed as described in Section 321201.
 - b. Unit of Measurement: Square yard, installed.
3. Unit Price UP-L03: 4" Storm Water Management Trench (SMT)
 - a. Description: 4" Storm water management trench (SMT) piping, filter fabric and drainage stone, furnished and placed. This includes trenching and removals.
 - b. Unit of Measurement: Linear foot, installed.
4. Unit Price UP-L04: Milling and Top Course Asphalt
 - a. Description: Asphalt milling and removal of existing top course asphalt and installation of new top course asphalt. This includes milling, removal, sweeping, crack repairs, tack coating, and new top course asphalt as specified.
 - b. Unit of Measurement: Square yard, installed.
5. Unit Price UP-L05: Medium Duty Asphalt (MDA)
 - a. Description: Medium duty asphalt, stabilization fabric and stone sub-base. This includes excavation and removals to asphalt sub-grade for placement of medium duty asphalt.
 - b. Unit of Measurement: Square yard, installed.
6. Unit Price UP-L07: Lawn Type 1
 - a. Description: Lawn Type 1 (Seed). This includes fine grading, seeding, mulching, and maintenance.
 - b. Unit of Measurement: Square yard, installed.

END OF SECTION 01 22 00

SECTION 07 53 00 - EPDM THERMOSET SINGLE-PLY ROOFING

1. GENERAL

1. SECTION INCLUDES

- A. EPDM thermoset single-ply roofing.
- B. Membrane flashings.
- C. Metal flashings.
- D. Roof insulation.
- E. Glass Mat Gypsum Sheathing

2. RELATED SECTIONS

3. REFERENCES

- A. American Society of Civil Engineers (ASCE) - ASCE 7 - Minimum Design Loads for Buildings and Other Structures, Current Revision.
- B. ANSI/SPRI WD-1 "Wind Design Standard for Roofing Assemblies".
- C. ASTM International (ASTM):
 - 1. ASTM C 1289 - Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board.
 - 2. ASTM D 412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers-Tension.
 - 3. ASTM D 624 - Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers.
 - 4. ASTM D 4637 - Standard Specification for EPDM Sheet Used In Single-Ply Roof Membrane.
 - 5. ASTM E 96 - Standard Test Methods for Water Vapor Transmission of Materials.
- D. Factory Mutual (FM Global):
 - 1. Approval Guide.
 - a. Factory Mutual Standard 4470 - Approval Standard for Class 1 Roof Covers.
 - b. Loss Prevention Data Sheets 1-28, 1-29.
- E. International Code Council (ICC):
 - 1. International Building Code (IBC).

- F. National Roofing Contractors Association (NRCA) - Low Slope Roofing and Waterproofing Manual, Current Edition.
 - G. Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) - Architectural Sheet Metal Manual.
 - H. Underwriters Laboratories (UL):
 - 1. TGFU R1306 - "Roofing Systems and Materials Guide".
 - 2. UL-790 - Standard Test Method for Fire Tests of Roof Coverings.
 - I. ANSI/ASHRAE/IESNA Standard 90.1 (2007): Energy Standard for Buildings Except Low-Rise Residential Buildings
4. DESIGN CRITERIA
- A. Wind Uplift Performance:
 - 1. Roof system is designed to withstand wind uplift forces as calculated using the current revision of ASCE-7.
 - B. Fire Resistance Performance:
 - 1. Roof system will achieve a UL Class A rating when tested in accordance with UL-790.
 - C. Thermal Performance: Roof system will achieve a minimum R value not less than 30.
 - D. Drainage: Provide a roof system with positive drainage where all standing water dissipates within 48 hours after precipitation ends.
 - E. Building Codes:
 - 1. Roof system will meet the requirements of all federal, state and local code bodies having jurisdiction.
5. SUBMITTALS
- A. Submit under provisions of Section 01 30 00.
 - B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
 - C. Detail Drawings:
 - 1. Submit approved plan, section, elevation or isometric drawings which detail the appropriate methods for all flashing conditions found on the project.

2. Coordinate approved drawings with locations found on the Contract Drawings.
 - D. Selection Samples: For each finish product specified, two complete sets of chips representing manufacturer's full range of available colors, membranes, and thicknesses.
 - E. Verification Samples: For each finish product specified, two samples, minimum size 4 inches square representing actual product, color, and patterns.
6. QUALITY ASSURANCE
- A. Manufacturer Qualifications: All products specified in this section will be supplied by a single manufacturer with a minimum of twenty (20) years' experience.
 - B. Installer Qualifications:
 1. All products listed in this section are to be installed by a single installer with a minimum of five (5) years' demonstrated experience in installing products of the same type and scope as specified.
 2. Installer must be capable of extending the Manufacturer's Labor and Materials guarantee.
 3. Installer must be capable of extending the Manufacturer's No Dollar Limit guarantee.
7. DELIVERY, STORAGE, AND HANDLING
- A. Store products in manufacturer's unopened packaging until ready for installation.
 - B. Store and dispose of hazardous materials, and materials contaminated by hazardous materials, in accordance with requirements of local authorities having jurisdiction.
8. PROJECT CONDITIONS
- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
 - B. Refer to Carlisle's Roofing System specification, Part II - Application, for General Job Site Considerations.
 - C. Safety Data Sheets (SDS) must be on location at all times during the transportation, storage and application of materials.
 - D. When positioning membrane sheets, exercise care to locate all field splices away from low spots and out of drain sumps. All field splices should be shingled to prevent bucking of water.
 - E. When loading materials onto the roof, the Carlisle Authorized Roofing Applicator must comply with the requirements of the building owner to prevent overloading and possible disturbance to the building structure.

- F. Proceed with roofing work only when weather conditions are in compliance with the manufacturer's recommended limitations, and when conditions will permit the work to proceed in accordance with the manufacturer's requirements and recommendations.
- G. Proceed with work so new roofing materials are not subject to construction traffic. When necessary, new roof sections shall be protected and inspected upon completion for possible damage.
- H. Provide protection, such as 3/4 inch thick plywood, for all roof areas exposed to traffic during construction. Plywood must be smooth and free of fasteners and splinters.
- I. The surface on which the insulation or roofing membrane is to be applied shall be clean, smooth, dry, and free of projections or contaminants that would prevent proper application of or be incompatible with the new installation, such as fins, sharp edges, foreign materials, oil and grease.
- J. New roofing shall be complete and weathertight at the end of the work day.
- K. Contaminants such as grease, fats and oils shall not be allowed to come in direct contact with the roofing membrane.

9. WARRANTY

- A. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's Total-System warranty, outlining its terms, conditions, and exclusions from coverage.

- 1. 30 years.
- 2. Coverage to be extended to include roof edge metal water tightness in accordance with terms stated in the Warranty document.
- 3. To include Peak Wind Gusts of up to 90 MPH when measured at 10 meters above ground level.

2.PRODUCTS

1. MANUFACTURERS

- A. Basis of Design: Carlisle SynTec Systems, which is located at: P. O. Box 7000; Carlisle, PA 17013; ASD Toll Free Tel: ; 800-4-SYNTEC; Tel: ; 717-245-7000; Fax: ; 717-245-7053; Email: info@carlislesyntec.com; Web: https://www.carlislesyntec.com .

2. SCOPE / APPLICATION

- A. Roof System: Provide a waterproof roof system, capable of withstanding uplift forces as specified in Design Criteria.
- B. Base Flashing: Provide a waterproof, fully adhered base flashing system at all penetrations, plane transitions and terminations.

- C. Insulation: Provide a roof insulation system beneath the finish membrane.
- 3. VAPOR BARRIER
 - A. VapAir Seal 725 Air/Vapor Barrier: reinforced composite aluminum foil with self-adhesive SBS backing and removable poly release film. Used for direct application over metal decks.
- 4. INSULATION
 - A. SecurShield Polyiso: Rigid board with coated glass fiber mat facers (CGF) on both sides, meeting or exceeding the requirements of ASTM C 1289, Type II, Class 2.
 - 1. Compressive Strength: Grade 3 (25 psi) (173 kPa).
 - 2. Density: 2 lb per cubic foot minimum.
- 5. COVER BOARD
 - B. Moisture-, mold- and impact-resistant, nonstructural fiber-reinforced gypsum panel made from 95 percent recycled materials. Securock, distributed by Carlisle.
 - 1. Board Thickness: 1/2"
- 2. THERMAL BARRIER
 - C. Moisture-, mold- and impact-resistant, nonstructural fiber-reinforced gypsum panel made from 95 percent recycled materials. Securock, distributed by Carlisle.
 - 1. Board Thickness: 5/8"
- 2. ETHYLENE, PROPYLENE, DIENE TERPOLYMER (EPDM) MEMBRANE
 - A. Sure-Seal Non-Reinforced Membrane: Cured, non-reinforced EPDM membrane meeting the requirements of ASTM D 4637 Type I.
 - 1. Attachment Method: Fully adhered.
 - 2. Color: Black.
 - 3. Membrane Thickness: 90 mil nominal.
 - 4. Sheet Dimensions:
 - a. Length: 100 feet maximum.
 - 5. Performance:
 - a. Tensile Strength: 1550 psi minimum.
 - b. Tear Resistance: 200 lbf/in minimum.
 - c. Elongation: 480 percent.
- 3. EDGINGS AND TERMINATIONS

- A. SecurEdge 200/300: A 24 gauge galvanized metal water dam. Cover to be made of .050 Alum with. Kynar finish to be selected from a list of manufacturer's standard colors.

3.EXECUTION

1. EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

2. PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Do not commence work until all other work trades have completed jobs that require them to traverse the deck on foot or with equipment.

3. INSULATION - SYSTEM DESIGN (FLAT STEEL DECK AREAS)

A. Thermal barrier:

- 1. Type: Securock Gypsum Fiber by Carlisle SynTec.
- 2. Thickness: 5/8"
- 3. Attachment Method: Mechanically fastened to deck below.

B. Base Layer:

- 1. Type: Carlisle SecurShield.
- 2. Thickness: 2.6 inches + 1/2" thick Tapered Start = 3" minimum before Top Layer.
- 3. Attachment Method: Adhered with Flexible FAST Adhesive to 725TR Vapor Barrier over Thermal Barrier.

C. Next Layer:

- 1. Type: Carlisle SecurShield.
- 2. Thickness: 2.6 inches. (Total R-30)
- 3. Attachment Method: Adhered with Flexible FAST Adhesive to Insulation Layer below.

D. Tapered System:

- 1. Type: Carlisle SecurShield.
- 2. Field Slope: 1/4 inch per foot.
- 3. Sump Slope: 1/4 inch per foot.

4. Cricket Slope: 1/2 inch per foot.
5. Attachment Method: Adhered with Flexible FAST Adhesive to Insulation Layer below.

E. Cover Board:

1. Type: Securock Gypsum Fiber by Carlisle SynTec.
2. Thickness: 1/2"
3. Attachment Method: Adhered with Flexible FAST Adhesive to Insulation Layer below.

4. INSULATION - SYSTEM DESIGN (SLOPED STEEL DECK AREAS)

A. Thermal barrier:

1. Type: Securock Gypsum Fiber by Carlisle SynTec.
2. Thickness: 5/8"
3. Attachment Method: Mechanically fastened to deck below.

B. Base Layer:

1. Type: Carlisle SecurShield.
2. Thickness: 2.6 inches. (Total R-30)
3. Attachment Method: Adhered with Flexible FAST Adhesive to 725TR Vapor Barrier over Thermal Barrier.

C. Next Layer: (NOTE - POOL AREA ONLY GETS ADDITIONAL INSULATION - REFER TO DRAWINGS).

1. Type: Carlisle SecurShield.
2. Thickness: 2.6 inches. (Total R-45)
3. Attachment Method: Adhered with Flexible FAST Adhesive to Insulation Layer below.

D. Crickets and Sumps:

1. Type: Carlisle SecurShield.
2. Sump Slope: 1/4 inch per foot.
3. Cricket Slope: 1/2 inch per foot.
4. Attachment Method: Adhered with Flexible FAST Adhesive to Insulation Layer below.

E. Cover Board:

1. Type: Securock Gypsum Fiber by Carlisle SynTec.
2. Thickness: 1/2"
3. Attachment Method: Adhered with Flexible FAST Adhesive to Insulation Layer below.

5. INSULATION PLACEMENT

- A. Install insulation or membrane underlayment in multiple layers over the substrate with boards butted tightly together with no joints or gaps greater than 1/4 inch. Stagger joints both horizontally and vertically.

- B. Secure insulation to the substrate with the required mechanical fasteners or insulation adhesive in accordance with the manufacturer's current application guidelines.
- C. Do not install wet, damaged or warped insulation boards.
- D. Stagger joints in one direction unless joints are to be taped. Install insulation boards snug. Gaps between board joints shall not exceed 1/4 inch). Fill all gaps in excess of 1/4 inch with same insulation material.
- E. Wood nailers must be at least 3 1/2 inches wide or 1 inch wider than adjacent metal flange. Thickness must equal that of insulation but not less than 1 inch thickness.
- F. Miter and fill the edges of the insulation boards at ridges, valleys and other changes in plane to prevent open joints or irregular surfaces. Avoid breaking or crushing of the insulation at the corners.
- G. Do not install any more insulation than will be completely waterproofed each day.

6. INSULATION ATTACHMENT

- A. Securely attach insulation to the roof deck for Adhered Roofing Systems. Attachment must have been successfully tested to meet or exceed the calculated uplift pressure required by the International Building Code (ASCE-7) or ANSI/SPRI WD-1.
- B. Enhance the perimeter and corner areas in accordance with the International Building Code (ASCE-7) or ANSI/SPRI WD-1.
- C. Install insulation layers, maximum 4 feet by 4 feet, applied with adhesive, coverage rate as necessary to achieve the specified attachment and uplift rating. Press each board firmly into place after adhesive develops strings when touched, typically 1-1/2 to 2 minutes after adhesive was applied and roll with a weighted roller. Add temporary weight and use relief cuts to ensure boards are well adhered to. Stagger the joints of additional layers by a minimum of 6 inches.

7. MEMBRANE PLACEMENT AND ATTACHMENT (Fully Adhered)

- A. Unroll and position membrane without stretching. Allow the membrane to relax for approximately 1/2 hour before bonding. Fold the sheet back onto itself so half the underside of the membrane is exposed.
- B. Apply the Bonding Adhesive in accordance with the manufacturer's published instructions, to both the underside of the membrane and the substrate. Allow the adhesive to dry until it is tacky but will not string or stick to a dry finger touch.
- C. Roll the coated membrane into the coated substrate while avoiding wrinkles. Brush down the bonded half of the membrane sheet with a soft bristle push broom to achieve maximum contact.
- D. Fold back the unbonded half of the membrane sheet and repeat the bonding procedure.

- E. Install adjoining membrane sheets in the same manner, overlapping edges appropriately to provide for the minimum splice width. It is recommended that all splices be shingled to avoid bucking of water.
8. MEMBRANE SPLICING (Tape Splice)
- A. Overlap adjacent sheets and mark a line 1/2 inch out from the top sheet.
 - B. Fold the top sheet back and clean the dry splice area (minimum 2 1/2 inches) of both membrane sheets with Sure-Seal Primer as required by the membrane manufacturer.
 - C. Where Splice Tape is not Factory-Applied, apply Splice Tape to bottom sheet with the edge of the release film along the marked line. Press tape onto the sheet using hand pressure. Overlap tape roll ends a minimum of 1 inch.
 - D. Remove the release film and press the top sheet onto the tape using hand pressure.
 - E. Roll the seam toward the splice edge with a 2 inch wide steel roller.
 - F. Install Pressure-Sensitive "T" Joint Cover, a 6 inch wide section of Pressure-Sensitive Elastoform Flashing over all field splice intersections.
 - G. When using non-Pressure-Sensitive Elastoform Flashing or Elastoform Flashing, seal edges of flashing with Lap Sealant.
 - H. The use of Lap Sealant with tape splices is optional except at tape overlaps and cut edges of reinforced membrane where Lap Sealant is required.
9. FLASHING
- A. Wall and curb flashing shall be cured EPDM membrane. Continue the deck membrane as wall flashing where practicable.
 - B. Follow manufacturer's typical flashing procedures for all wall, curb, and penetration flashing including metal edging/coping and roof drain applications.
10. WALKWAYS
- A. Install walkways at all traffic concentration points (such as roof hatches, access doors, rooftop ladders, etc.) and all locations as identified on the Contract Drawings.
 - B. Adhere walkways pads to the EPDM membrane in accordance with the manufacturer's current application guidelines.
11. DAILY SEALS

- A. On phased roofing, when the completion of flashings and terminations is not achieved by the end of the work day, a daily seal must be performed to temporarily close the membrane to prevent water infiltration.
- B. Use Sure-Seal Pourable Sealer or other acceptable membrane seal in accordance with the manufacturer's requirements.

12. CLEAN UP

- A. Perform daily clean-up to collect all wrappings, empty containers, paper, and other debris from the project site. Upon completion, all debris must be disposed of in a legally acceptable manner.
- B. Prior to the manufacturer's inspection for warranty, the applicator must perform a pre-inspection to review all work and to verify all flashing has been completed as well as the application of all caulking.

13. PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION 07 53 00

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/8/2025

Company: DEWALD ROOFING CO., INC.

Name: RICHT GREEN

Telephone Number: (315) 270-2184

Fax Number: _____

Contract(s) bidding on: #6 ROOFING

Drawing Referenced: _____

Spec Section Referenced: 011200 MULTIPLE CONTRACT SUMMARY PAGE #23

Other References: _____

Request: PG#23, d. STATES THAT THE ROOFER IS RESPONSIBLE FOR THE
INSTALLATION OF NEW CURBS. THIS IS TYPICALLY PERFORMED BY THE HVAC
CONTRACTOR. THE ROOFER WOULDN'T BE FAMILIAR WITH FASTENING
REQUIREMENTS OR SEISMIC RESTRAINTS. CAN THIS BE INCLUDED IN THE HVAC
CONTRACT?

ANSWER: HVAC contractor to provide roof curbs for installation by General Trades. General Trades has installation of roof framing, and framing and plywood for roof curbs that are provided by the HVAC Contract. Coordination of work with HVAC Plumbing Electrical and Roofing Contracts. General Trades has dunnage for HVAC roof equipment. Roofing contract has flashing in and drainage for roof curbs provided by the Mechanical Contract.

Answered By: David Gilmore

Date: 12/11/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/8/2025

Company: DEWALD ROOFING CO., INC.

Name: RICH GREEN

Telephone Number: (315) 270-2184

Fax Number: _____

Contract(s) bidding on: #6 ROOFING

Drawing Referenced: _____

Spec Section Referenced: 011200 MULTIPLE CONTRACT SUMMARY PG.#23

Other References: _____

Request: PG #23, g. CALLS FOR CONTRACT #6 TO REMOVE EXISTING ROOF CURBS. THIS IS TYPICALLY DONE BY THE HVAC CONTRACTOR. IT ALSO CALLS FOR CONTRACT #6 TO PATCH ROOF DECK. THIS IS TYPICALLY BY THE G.C. IS IT YOUR INTENT FOR CONTRACT #6 TO BE RESPONSIBLE FOR THE ABOVE SCOPE?

ANSWER: Removal of existing roof-top equipment curbs is by the Mechanical Contractor. Patching of roof deck is by the General Trades Contractor. Replacement of roofing system in areas of removal is the responsibility of the Roofing Contractor. HVAC, Plumbing and Electrical Contracts are responsible for removal and/or installation of existing Rooftop Equipment. Hook up for reinstalled rooftop equipment is by HVAC, Plumbing and Electrical Contracts.

Answered By: David Gilmore

Date: 12/11/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/8/2025

Company: DEWALD ROOFING CO., INC.

Name: RICH GREEN

Telephone Number: (315) 270-2184

Fax Number: _____

Contract(s) bidding on: #6 ROOFING

Drawing Referenced: HS-A121

Spec Section Referenced: 075300 EPDM ROOFING

Other References: _____

Request: WHO IS RESPONSIBLE FOR THE REMOVAL OF THE EXISTING ROOF ON
THE AREA OF THE POOL SCHEDULED TO BE DEMOLISHED? IS THIS TO
BE REMOVED BY CONTRACT #6 OR BY OTHER CONTRACT? PLEASE
CLARIFY.

ANSWER: Demolition of the pool and pool building all elements complete and selective demolition
including all items required to be demolished to receive new work and demolition of items
not required for future use and completion of systems and spaces is by the General Trades
Contractor. Roofing Contractor to provide demolition and coordination of demolition of
adjacent buildings roof not demolished.

Answered By: David Gilmore

Date: 12/11/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/8/2025

Company: DEWAUD ROOFING CO. INC

Name: RICH GREEN

Telephone Number: 315-270-2184

Fax Number: _____

Contract(s) bidding on: #6 ROOFING

Drawing Referenced: HS-A120

Spec Section Referenced: 072713

Other References: _____

Request: CAN THE PORTION OF ROOFING ABOVE THE LIBRARY BE
REPLACED IN 2026?

ANSWER: LIBRARY ROOF WORK CAN BE COMPLETED IN 2026

Answered By: R. SMITH

Date: 12-8-2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/11/2025

Company: Elite Storage Products, LLC

Name: Mike Haskins

Telephone Number: 901-367-3930

Fax Number: 901-367-3931

Contract(s) bidding on: General Trades

Drawing Referenced: _____

Spec Section Referenced: 105116

Other References: _____

Request: Please see the attached substitution request to include LockersMFG as an approved
manufacturer of HDPE lockers.

ANSWER: HDPE locker manufacturer substitution approved.

Answered By: Emily Vail (Highland Associates)

Date: 12/15/2025

Substitution Request

Date: Dec 11, 2025

Company Submitting Request:

Elite Storage Products, LLC
Mail: PO Box 517, Collierville, TN 38027
Phone: (901) 367-3930 Fax: (901)
367-3931

Project Name: **Johnson City CSD Capital Project 2025 2026 Phase 2**

Specified Item:	<u>105113</u>	<u>1</u>	<u>HDPE Lockers</u>
	<i>Section</i>	<i>Pages</i>	<i>Description</i>

The undersigned requests considerations of the following product substitution:

Proposed Substitution: LockersMFG HDPE Locker Series

(Provide product model name / manufacturer name)

- | | | |
|--|--|---|
| 1. Attached data: | <input checked="" type="checkbox"/> Product Comparison | <input checked="" type="checkbox"/> Performance and Test Data |
| <input checked="" type="checkbox"/> Certifications | <input checked="" type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Photos |
| 2. No changes will be required to the contract documents for the proper installation of the proposed product substitution. | | |

The undersigned verifies that the following, unless modified by attachments, are correct:

- The proposed substitution does not affect dimensions shown on the drawings.
- No changes to the building design, engineering design, or detailing are required by the proposed substitution.
- The proposed substitution will have no adverse effect on other trades, the construction schedule, or specified warranty requirements.
- No maintenance is required by the proposed substitution other than that required for the originally specified product.
- Other: _____

The undersigned further states that they have read the corresponding specifications section in the project manual and confirms that the function, appearance, and quality of the proposed substitutions are equivalent or superior to the originally specified product.

Signed: MP

Printed Name: Matthew Pate

Fax: (901) 367-3931

For Architect's Use:

- | | | |
|---------------------------------------|--|--|
| <input type="checkbox"/> Accepted | <input type="checkbox"/> Accepted as Noted | <input type="checkbox"/> Incomplete Information |
| <input type="checkbox"/> Not Accepted | <input type="checkbox"/> Received Too Late | <input type="checkbox"/> No Substitutions Accepted |
| For This Project/Product | | |

Reviewed By/Date: _____

Processed by Addendum No.: _____

Comments:



MANUFACTURING any design. any material. any technology.

Locker Product Comparison

	LockersMFG HDPE Locker Series	Scranton TuffTec Athletic HDPE Lockers
Top	3/8 Inch	3/8 Inch
Back	3/8 Inch	3/8 Inch
Side	3/8 Inch	3/8 Inch
Bottom	3/8 Inch	3/8 Inch
Door (Optional)	1/2 Inch	1/2 Inch
Door Frame	1/2 Inch	1/2 Inch
Shelf	3/8 Inch	3/8 Inch
Lock Compatible	Yes	Yes
ADA Compliance	1T, 2T - Yes	1t, 2T - Yes
Ventilation	Meets Specs	Meets Specs
Interior Equipment	3/8 Inch	3/8 Inch
Footlocker (Opt)	1/2 Inch	1/2 Inch
Top Security Box (Opt)	3/8 Inch	3/8 Inch
Hinge	Continuous HDPE or Ext. Aluminum	Extruded Aluminum
Fillers	3/8 Inch	3/8 Inch
End Panels	3/8 Inch	3/8 Inch
Pedestals	10	10
Bench Tops	1-3/4 Inch	1-1/2 Inch
Material	HDPE	HDPE
Warranty	Lifetime	10 Year
Lead Time	12-16 Weeks	26-32 Weeks
Latch	Continuous HDPE	Continuous HDPE

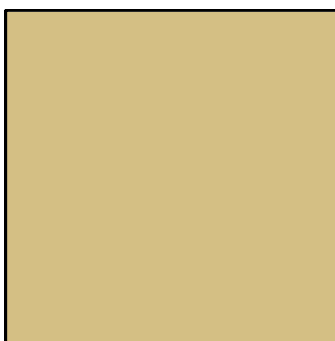
Highlights Demonstrate Increase Quality Items

PO Box 208 Como, MS 38619

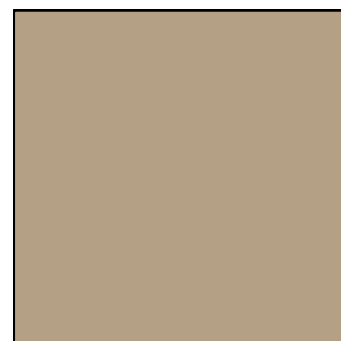
(662) 338-4340



Bone White



Butterscotch



Tan



Dove Gray



Smoke Gray



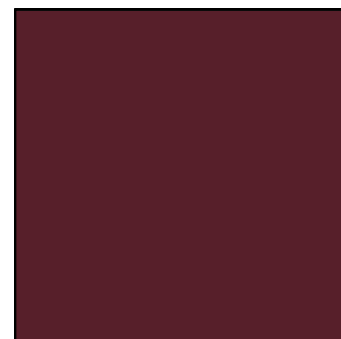
Satin Black



Sapphire Blue



Hunter Green



Wine Red



Gray Speckle



Bone Speckle

Colors shown are an approximate printed representation of the actual colors and may vary. Actual color samples are available upon request.

LockersMFG retains the right of reasonable color variation from samples presented.

PRODUCT FEATURES	
Handle :	Built-In Combination Lock
Hinge :	Continuous Plastic Hinge, Full Length Of Door And Body
Bottom :	HDPE Solid Plastic, 3/8" Thick
PRODUCT INFORMATION	
Material :	HDPE
Finish :	Slightly Textured To Reduce Marring
Construction :	Sides & Backs - Plastic One-Piece Unit & Door Frame - Plastic Welded
Door :	HDPE Solid Plastic, 1/2" Thick
Door Stiffener/Reinforcement :	None
Door Frame :	HDPE Solid Plastic, 1/2" Thick
Door Ventilation :	Concealed/Perimeter Ventilation
Door Latching :	Spring-Loaded Positive Latch
Top :	HDPE Solid Plastic, 3/8" Thick
Side :	HDPE Solid Plastic, 3/8" Thick
Back :	HDPE Solid Plastic, 3/8" Thick
Shelf :	None
Interior Equipment :	(1) SGL Prong Wall Hook Per Opening
Number Plate :	Polished Aluminum Plate
Assembly :	Secured By Plastic Welds
ACCESSORY INFORMATION	
Slope Hood :	Slope Hoods
Lock :	#1630 Built-In Combination
Legs :	No
Base :	16" High x 32" Deep Concrete Base By Other
Recess Trim :	No

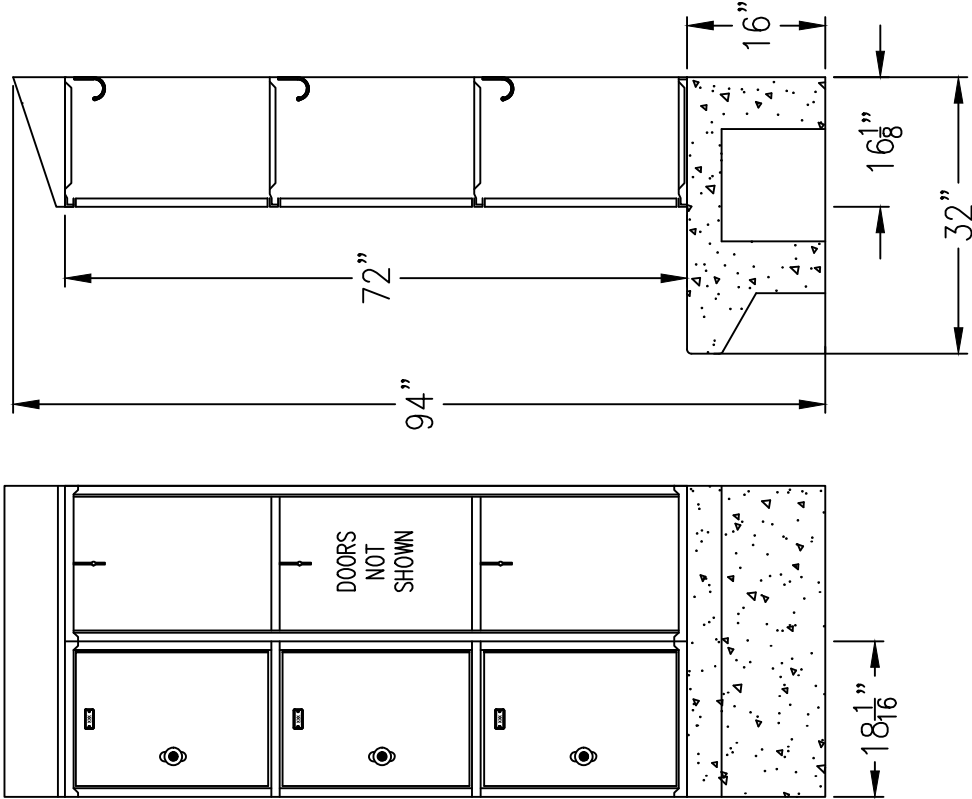
Comments:

Color : Please Advise Within Reasonable Variation

SAMPLE

JOB INFORMATION	
Locker Area :	Locker Room 0105
Frame/Opening :	16/48
Product Line :	HDPE 3-Tier Locker
Size :	18x16x24/72"
Original : 03/18/2025	Dealer :
Revised :	Installer :
Drawn By : LMK	Contractor :
Reviewed By : DS	Job ID :
Page : 2 of 5	Location :
	P0# : LOI
<div><div>LOCKERSTM</div><div>MANUFACTURING any design, any material, any technology.</div></div>	
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HDPE
3-Tier Locker
18 x 16 x 24/72"



PLEASE BE ADVISED: Lockers Are Square And Measured Based On Square Walls. If Walls Are Not Square, Adjustments To Bases Will Need To Be Made At The Expense Of The Customer To Make Allowances For The Locker Sizes As Specified In The Shop Drawings.

Tolerances In Manufacturing Understood: Fractions $\pm \frac{1}{16}$ ", Decimals $\pm .02$, Degrees $\pm 20^\circ$

NOTICE: All Rights Reserved, © 2025. These Drawings Of Products Described Are Subject To All Patents And Copyrights Held By Lockers Manufacturing.

PLEASE BE ADVISED:
Shop Drawings Are To Ensure We Understand Your Request. Your Approval Of These Shop Drawings Overrides Any Other Specifications Or Documentation. Please Check And Approve As We Are Going To Manufacture Material As Shown On These Drawings.

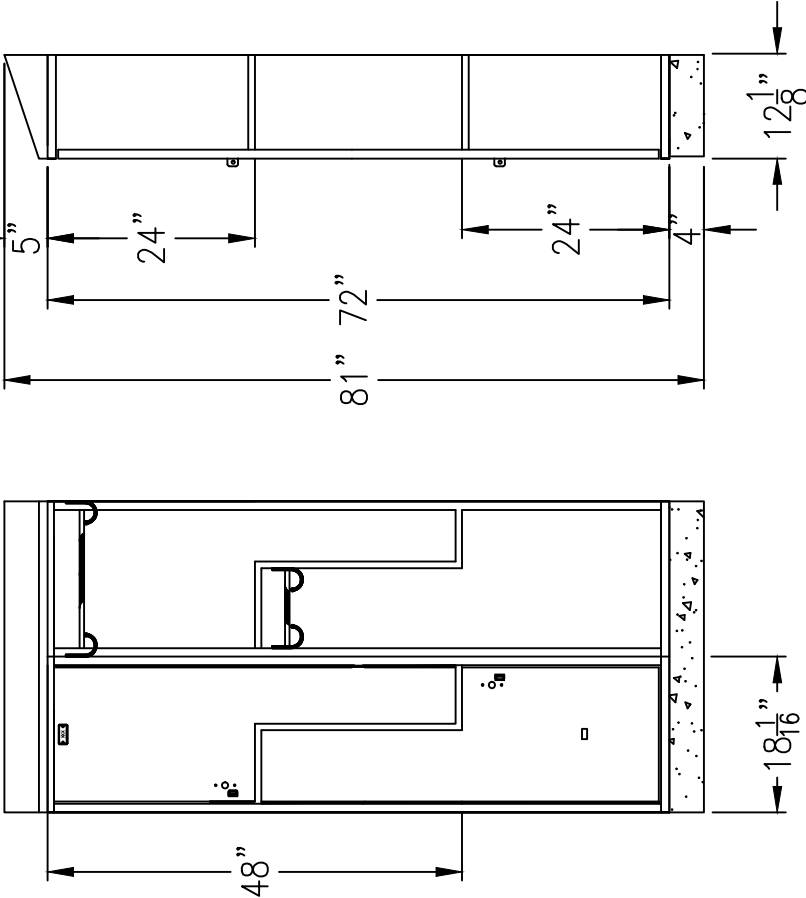
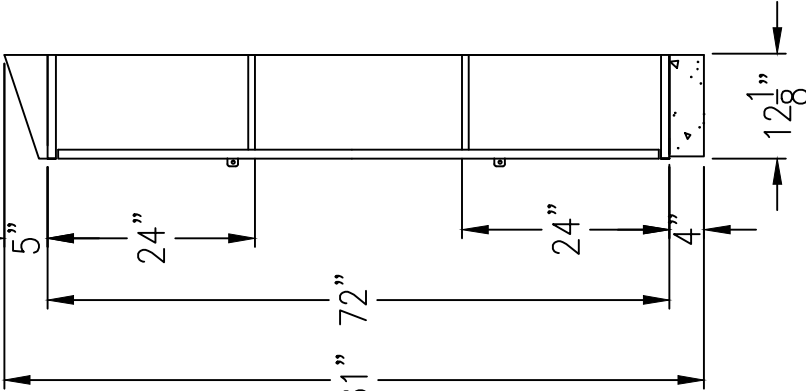
PRODUCT FEATURES	
Handle :	Continuous Latch W/ Finger Lift
Hinge :	Extruded Aluminum
Bottom :	Solid Plastic Components, 3/8" Thick
PRODUCT INFORMATION	
Material :	Solid Plastic
Finish :	Slightly Textured To Reduce Marring
Construction :	Sides & Backs – Plastic One-Piece Unit & Door Frame – Plastic Welded
Door :	Solid Plastic Components, 1/2" Thick
Door Stiffener/Reinforcement :	None
Door Frame :	Solid Plastic Components, 1/2" Thick
Door Ventilation :	Solid Plastic Components, 1/2" Thick
Door Latching :	Spring-Loaded Positive Latch
Top :	Solid Plastic Components, 3/8" Thick
Side :	Solid Plastic Components, 3/8" Thick
Back :	Solid Plastic Components, 3/8" Thick
Shelf :	None
Interior Equipment :	(2) SGL Prong Wall Hooks And (1) Coat Rod Per Opening
Number Plate :	Polished Aluminum Plate
Assembly :	Solid Plastic Components That Slide Together
ACCESSORY INFORMATION	
Slope Hood :	3/8" HDPE Continuous Slope Hood
Lock :	No
Legs :	No
Base :	4" High Concrete Base By Other
Recess Trim :	No

Comments:

Color : Please Advise Within Reasonable Variation

SAMPLE

JOB INFORMATION	
Locker Area :	SP/Search E1200
Frame/Openings :	7/14
Product Line :	HDPE "Z" Style Locker
Size :	18x12x72"
Original : 11/20/2024	Dealer :
Revised :	Installer :
Drawn By : LMK	Contractor :
Reviewed By : DS	Job ID :
Page : 1 of 2	Location :
	PO# : LOI
<div>LOCKERSTM MANUFACTURING any design, any material, any technology.</div>	
File: ORD009150.dwg	

HDPE Series "Z" Locker 18 x 12 x 72"	
	
ELEVATION	SECTION

PLEASE BE ADVISED: Lockers Are Square And Measured Based On Square Walls. If Walls Are Not Square, Adjustments To Bases Will Need To Be Made At The Expense Of The Customer To Make Allowances For The Locker Sizes As Specified In The Shop Drawings.

Tolerances In Manufacturing Understood: Fractions $\pm \frac{1}{16}$ ", Decimals $\pm .02$, Degrees $\pm 20^\circ$

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PLEASE BE ADVISED:
Shop Drawings Are To Ensure We Understand Your Request. Your Approval Of These Shop Drawings Overrides Any Other Specifications Or Documentation. Please Check And Approve As We Are Going To Manufacture Material As Shown On These Drawings.

PRODUCT FEATURES	
Security Box :	Solid Plastic With Lockable Door
Foot Locker:	Solid Plastic With Continuous Latch
Bottom :	HDPE Solid Plastic, 3/8" Thick
PRODUCT INFORMATION	
Material :	HDPE
Construction :	1/2" Thick HDPE Solid Plastic
Finish :	Smooth Orange Peel
Door Ventilation :	Open Front
Top :	HDPE Solid Plastic, 3/8" Thick
Side :	HDPE Solid Plastic, 1/2" Thick
Back :	HDPE Solid Plastic, 3/8" Thick
Shelf :	HDPE Solid Plastic, 3/8" Thick
Interior Equipment :	(4) SGL Prong Wall Hooks Per Opening
Number Plate :	Polished Aluminum Plate, Riveted
Assembly :	Secured By Plastic Welds
ACCESSORY INFORMATION	
Slope Hood :	Slope Hoods
Lock :	None Provided
Legs :	None Provided
Base :	4" High Black Plastic Base
Recess Trim :	None Provided

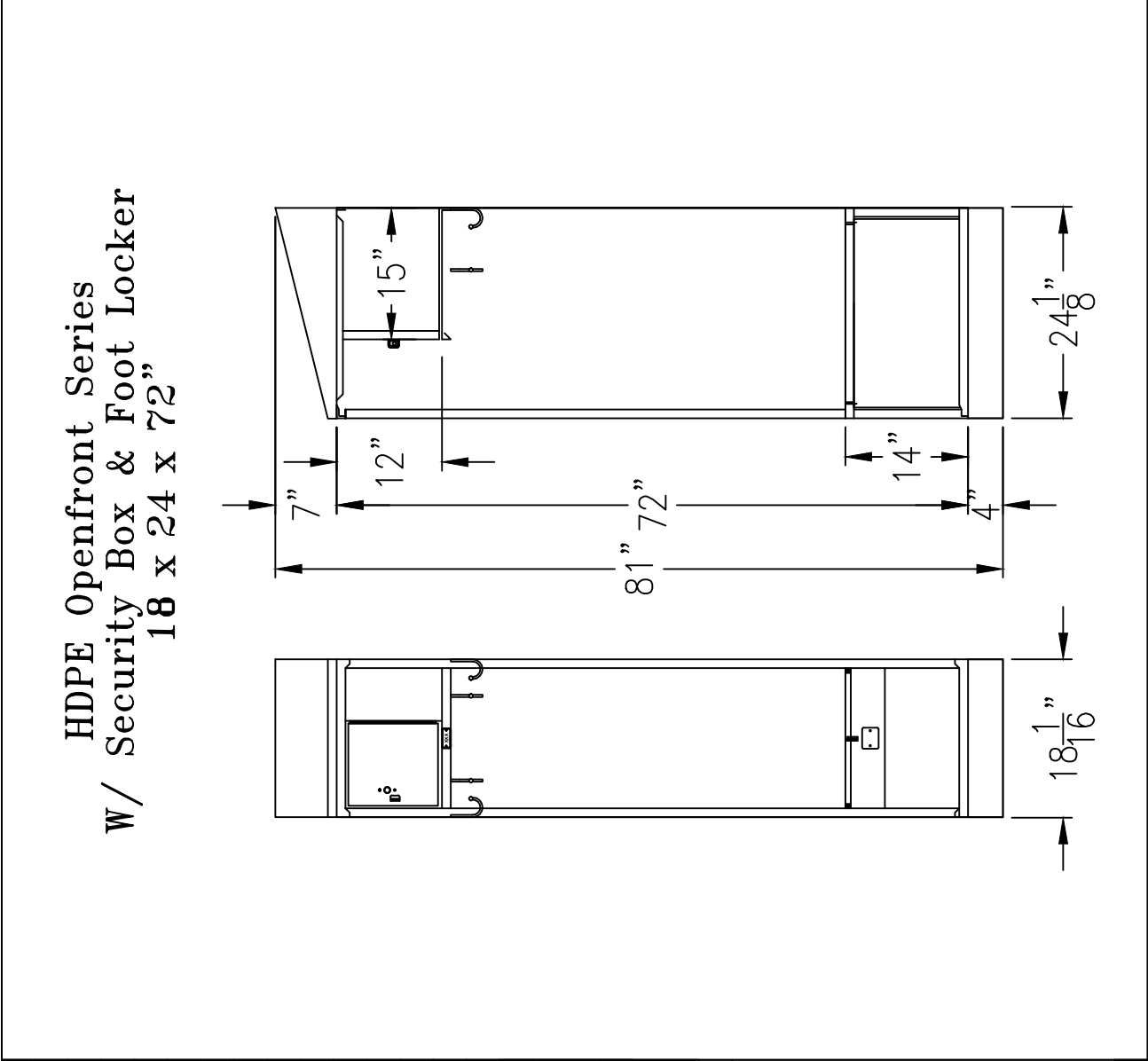
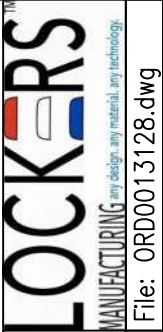
Comments:

Color : Please Advise Within Reasonable Variation

SAMPLE

JOB INFORMATION

Locker Area :	Locker Rooms
Frame/Opening :	10/10
Product Line :	Heavy Duty SGL Tier Locker
Size :	12x12x72"
Original : 01/16/2025	Dealer :
Revised :	Installer :
Drawn By : LMK	Contractor :
Reviewed By : BR	Job ID :
Location :	
PO# :	LOI
Page : 3 of 4	



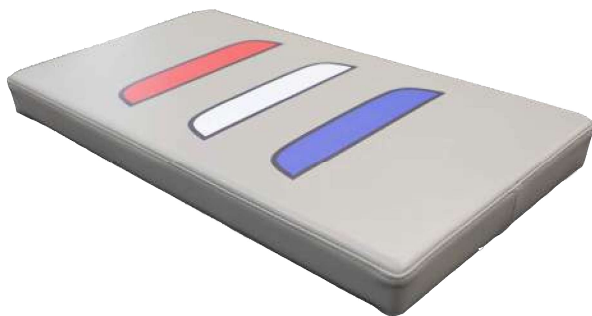
Explore our cushion options designed to provide comfort and support. Choose the single bottom cushion for a sleek and minimalist design, ideal for short periods of sitting. Opt for the bottom and back cushion for added lumbar support, perfect for longer durations. Available in multiple colors, our cushions enhance the usability and comfort of your locker spaces.

BOX STYLE CONSTRUCTION (BOTTOM ONLY)

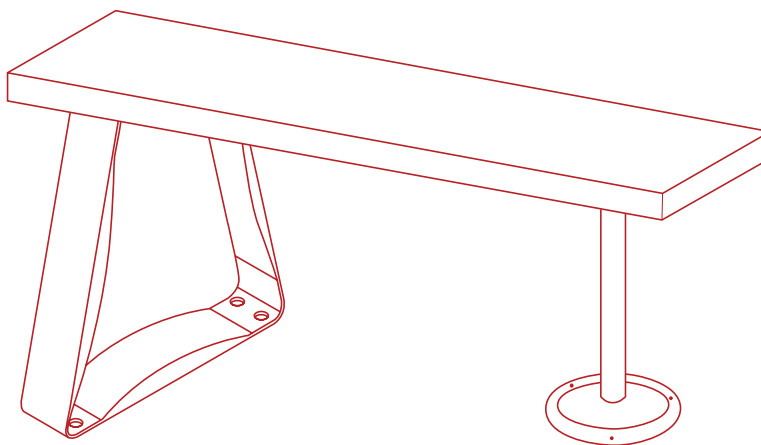


- Same height boxing around cushion
- 1" to 3" foam
- 1/2" or 3/4" plywood
- Velcro fasteners attached
- Monogram option available
- T-Nuts can be installed with customer provided CAD drawing
- 100% customizable to fit your specifications
- Multiple color options available (*can match almost any PanTone Color; contact a sales rep for more info*)

BOX STYLE CONSTRUCTION (BACK & BOTTOM)



Elevating both comfort and organization, our locker benches seamlessly integrate into any floor plan. These benches provide the perfect blend of durability and aesthetic appeal. With painted or stainless steel pedestals for sturdy support, they are an essential addition to any locker room.



STAINLESS STEEL

Our stainless steel bench tops measure 9-1/2" deep x 1-1/4" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

WOOD TOPS

Our solid butcher block bench tops are made of edge-grain maple, are coated with DURAKRYL 102®, a robust urethane-based finish resistant to sweat and stains. Standard bench tops measure 9-1/2" deep x 1-1/4" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

HDPE TOPS

Our HDPE bench tops measure 9-1/2" deep x 1-1/2" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

ALUMINUM TOPS

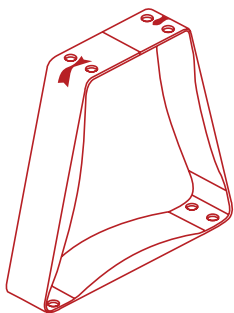
Our aluminum bench tops measure 9-1/2" deep x 1-1/4" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

ADA OPTIONS

Benches that are required to be ADA specifications are available. Contact a Lockers Manufacturing Representative for more information.

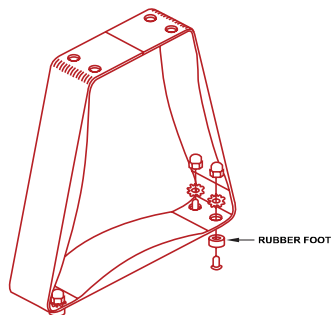
Elevating both comfort and organization, our locker pedestals seamlessly integrate into any floor plan. With high-quality painted or stainless steel options, our pedestals provide sturdy support for our premium hardwood maple benches, making them an essential addition to any locker room.

Select from two distinct pedestal styles: the robust Heavy Duty Pedestal or the sleek Stainless Steel Pedestal. For benches measuring 96" long or less, opt for two pedestals; for those exceeding 96" in



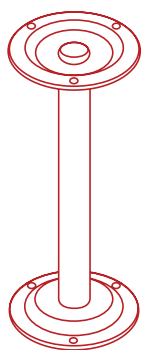
STAINLESS STEEL PEDESTAL

Featuring a 14" wide base, this pedestal offers versatility for freestanding use. Holes at the bottom enable optional floor anchoring or the attachment of non-skid bumpers (refer to the section below for details). Hardware is included for fastening to the bench top. *Stainless steel is typically not painted.



NON-SKID PEDESTAL KIT

Protect your floors with ease using rubber non-skid bumpers, designed to prevent damage. Each kit includes four non-marking rubber feet and the necessary fastening hardware. Ensure to order one kit per pedestal, exclusively for use with Stainless Steel Pedestals.



HEAVY DUTY PEDESTAL

Standing at a height of 16-1/4", this pedestal is constructed with a durable steel tube welded to top and bottom flanges, ensuring stability and strength. Hardware for securing to the bench is provided for your convenience, and floor anchoring is necessary for stability. Multiple pedestals are recommended per bench. Choose from all 24 available colors to complement your space effortlessly.

ADA OPTIONS

Benches that meet all ADA guidelines are AVAILABLE ADA BRACKETS DOUBLE REVERSED - contact a Lockers Manufacturing Representative for more information.

Please use this table as a guide only. Master Lock recommends trying your selected lock on your specific application prior to any purchase. Contact your lock distributor or Master Lock for assistance.

1690/1790 locks are recommended for single point latch lockers.

*Note: Single point latch lockers transitioned from horizontal latching (1652 or 1670) to rotating latching (Wrap Around Latch™) in 2008. Lockers built before 2008 will use horizontal latch locks. Please check with the locker manufacturer to confirm latch type used for lock built in 2008 or after.



Locker Selection	Lock Selection	Electronic Built-In Locks	Multi-User Locks	Built-In Combination Locks			Built-In Keyed Locks		Combination Portable Padlocks				Keyed Portable Padlocks
	Handle/Latch Type			General Security		Higher Security	General Security	Higher Security	Key Controlled		Not Key Controlled		
				General Security	Higher Security	General Security			Higher Security				
Knock Down Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
KD Open Front Series	Door Pull		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Openfront Series	Door Pull		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Athletic Footlocker Compartment	Padlock Loop		3670					1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650

Note: Models 1790, 1714 and 1710 are available with optional master keying. Add MK to product number when ordering. (ie: 1790 + Master Key = 1790MK)

- 1 Select Locker 2 Select Handle/Latch Style 3 Select Lock Style 4 Select Security Level 5 For Built-Ins- Select Left or Right Hand Opening Door 6 Select ADA Lock Options
- S = short shackle, 1/2" decrease
All options are right handed unless (L) designated for left-handed lockers
Recommended for lockers with pockets

www.masterlock.com

Master Lock Company LLC, Milwaukee, WI 53154 U.S.A. | 800-308-9244
Master Lock Canada, Mississauga, Ontario L5L 5Z9 | 800-227-9599
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LM - LLCP MO PDF 11/18



ADA Compliant Lock Options

Designed to meet 28CFR Part 36 Federal Standards

3681, 1630 = 1636MKADA, 1670 = 1676MKADA, 1690 = 1695MKADA,
1790 = 1790MKADA, 1710 = 1710MKADA, 1714 = 1714MKADA



Easy to Use Lock Options

1525 = 1525EZRC, 2650





Manufacturing. any design. any material. any technology.

PO Box 208 Como, MS 38619

LEED® CONTRIBUTION REQUIREMENTS CERTIFICATION

- (a) LockersMFG certifies that each "end product", produced in collaboration with our trusted licensing partner has three LEED® Version 2.2 certifications in accordance with the U.S. Green Building Council (USGBC), LEED® Green Building Rating System for New Construction.
- (b) LockersMFG gaurantees that each "end product" produced in collaboration with our trusted licensing partner will contribute to the Project s LEED® requirements that are listed below.

LEED® Version 2.2

MR Credit

Construction Waste Management
Recycled Content
Regional Materials

Credit 2.1 and 2.2
Credit 4.1 and 4.2
Credit 5.1 and 5.2

LockersMFG in collaboration with our trusted licensing partner complies with all of the listed U.S. Green Building Council (USGBC), LEED® Green Building Rating System for New Construction (LEED-NC version 2.2) provisions.

Sincerely,
LockersMFG, LLC

Date: _____

Signature: _____

Company: _____

Name: _____

Title: _____



Manufacturing. any design. any material. any technology.

PO Box 208 Como, MS 38619

Build America, Buy America Act Certificate

- (a) LockersMFG certifies that each “end product”, except those listed in paragraph (b) of this provision, is a domestic “end product” and that for other than COTS items, and has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. LockersMFG lockers are produced domestically and shall list as foreign “end products” those “end products” manufactured in the United States that do not qualify as domestic “end products”, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of “domestic end product.” The terms “commercially available off-the-shelf (COTS) item,” “component,” “domestic end product,” “end product,” “foreign end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American Act—Supplies.”

A manufactured product qualifies as a domestic end product if it is manufactured in the US; and the cost of its components mined, produced, or manufactured in the US exceeds 65% of the cost of all of its components (48 C.F.R. § 25.101(a) as amended per Fed.Reg.)

Due to the shortage or non-existent domestic supply, some or all of the following materials may be sourced from international markets when not practicably available domestically.

- (b) Foreign End Products:

Line Item	Country of Origin
Combination Locks	Varies
Channel Glides	Varies
Hooks	Varies
Pedestals	Varies

LockersMFG complies with the updated provisions of the Public Law 117-58 (as enacted March 9, 2024) applying graduating levels for the Buy American Act 41 U.S.C.A. 10 (2009) et. seq. and appreciates your interest in our products.

Sincerely, Lockers Manufacturing, LLC

As a bidder or offeror, we hereby certify that we will comply with the requirements of 49 U.S.C. 5323(j)(1), and the applicable regulations in 49 CFR part 661.

Date: _____
Signature: _____
Company: _____
Name: _____
Title: _____



P.O. Box 208
Como, MS 38619
Phone: (662)-338-4340
Email: sales@lockersmfg.com

Lifetime Warranty

Date:
To:
Re:

The Lockers provided by Lockers Manufacturing for this project have an original purchaser Lifetime Warranty against defects in material and workmanship. This warranty is in effect from the date of substantial completion and excludes locks, or any other product not manufactured by LockersMFG.

Rapid deterioration of the finish will be covered. The warranty will NOT cover the following:

- Finished surfaces exposed to high humidity, chlorine salts, abrasives, acids, or other harmful chemicals.
- Improper use or abuse. Improper use or abuse includes, but is not limited to, damage from mishandling of the product, damage from excessive heat or uneven exposure to weather conditions, physical or chemical abuse and damage from improper care and maintenance.
- Modifications or attachments to the product that are not approved by LockersMFG.
- Products that were not installed, used or maintained in accordance with product instructions and warnings.
- Impact of foreign objects, fire, earthquake, flood, hurricane, tornado or any other casualty.

Any replacement or repair of material under this warranty shall be performed only after written authorization by LockersMFG and will constitute the buyers sole and exclusive remedy. In no event should LockersMFG be held responsible for any special, direct, indirect, incidental or consequential damages.



Section 10 52 00

Lockers MFG HDPE Lockers

(Solid Plastic Corrosion Resistant HDPE Lockers)

PART 1 GENERAL

1.01. SECTION INCLUDES

- A. Solid Plastic Corrosion Resistant HDPE Lockers.

1.02. RELATED REQUIREMENTS

- A. Project drawings, meeting, and general provisions of the contract. This includes but is not limited to general materials, supplementary materials, and material testing.
- B. Manufacturing plant to be located in the United States of America.

1.03. WARRANTY

- A. Lockers are warranted for a lifetime against defective parts and workmanship, excluding vandalism and improper installation and use.

1.04. ADA LOCKERS

- A. Lockers are to meet the Americans with Disabilities Act, accessibility guidelines. They shall have recessed handles and shall be single-tier or lower openings of a double-tier locker. The locker bottom shall be a minimum of 15" off the floor, or an extra shelf placed 15" off the floor. Single-tier lockers shall have a shelf 48" off the floor. Doors assigned for handicapped use shall have an appropriate symbol sign.

1.05. SUBMITTALS

- A. Comply with procedures and quantities as indicated in Division 1 'Submittal Procedure Section'. To conform to the manufacturer's most up-to-date specifications.
- B. Shop Drawings: Submit shop drawings indicating room sizes, layout, locker dimensions, material thickness, trim, hardware, finishes, locks, base, doors, accessories, and installation details.
- C. Manufacturer to make to its approved shop drawings.

1.06. PRODUCT HANDLING

- A. Store locker components flat until assembly. Protect all finishes from soiling and damage during handling.



1.07. QUALITY ASSURANCE

A. Qualifications:

1. The Fabricator shall be capable of providing field service representation through our certified nationwide dealer network.
2. The installer shall have a minimum of five years' experience, be approved by the manufacturer, and have experience performing work of similar size and scope.
3. Parts shall be structurally sound and clear of defects, in material as well as construction covered under the full warranty period.

B. Pre-Installation Meeting: Conduct pre-installation meetings before installation to verify project requirements and conditions.

C. Must be manufactured with a total quality control management system ISO9001:2015 and all OSHA requirements and regulations.

D. Must adhere to environmentally friendly guidelines and regulations.

E. Must follow all ADA compliance.

1.08. DELIVERY, STORAGE, AND HANDLING

A. Storage and Handling:

1. Store material in an enclosed shelter protecting from damage, temperature, humidity, and exposure to the elements.

B. Delivery:

1. Deliver materials in the manufacturer's original protective packaging and store lockers until ready for installation.



1.09. PROJECT CONDITIONS AND COORDINATION

A. Field Measurements:

1. Before material fabrication, verify actual field measurements and show actual measurements on shop drawings.

B. Coordination:

1. Coordinate field measurements with fabrication schedule and construction progress to avoid construction delays.

PART 2 PRODUCTS

2.01. MATERIALS

- A. Solid Plastic Corrosion Resistant HDPE Lockers shall be manufactured by Lockers Manufacturing, LLC, 209 Pearson Street, Batesville, MS 38606. These specifications shall be regarded as a minimum; lockers constructed of other materials, or material with a core and not of solid plastic, will not be acceptable.
- B. Sides, shelves, tops, and bottoms shall be made from polymer resin formed under high pressure to solid plastic components 3/8" thick with a homogeneous color.
- C. Doors shall be made from polymer resin formed under high pressure to a solid plastic component 1/2" thick with a homogeneous color.
- D. Door frames shall be constructed from polymer resin formed under high pressure to a solid plastic component 1/2" thick with homogeneous color.
- E. Material testing: All solid plastic components shall resist deterioration and discoloration when subjected to the following chemicals:

Acetic Acid 80, Borax, Hydrochloric Acid 40, Soaps, Ammonium Phosphate, Citric Acid, Hydrogen Peroxide 30, Potassium Bromide, Acetone, Caustic Soda, Isopropyl Alcohol, Trisodium Phosphate, Bleach 12, Cooper Chloride, Lactic Acid 25, Sodium Bicarbonate, Ammonia Liquid, Chlorine Water, Nicotine, Urea and Urine, Brine, Core Oils, Lime Sulfur, and Vinegar. (Testing in accordance with corrosion-testing procedure established by The United States Plastic Corporation).
- F. Continuous latch shall provide a finger-slide latching mechanism that is capable of accepting a padlock and is securely fastened to the door. The latch mechanism shall be attached to the entire length of the door, providing a continuous security latch.
- G. Door hinge shall be continuous and integrate into the full length of the door and main locker body, made entirely from plastic without any steel or metal parts.



- H. Coat Hooks shall be a two-prong hook molded from solid plastic attached using hardware supplied by the manufacturer. One coat hook shall be supplied per opening.
- I. Finish shall be commercial grade smooth for tops, bottoms, side walls, shelves and frames in the color white. Doors shall have a slightly textured finish to reduce marring be from the manufacturer's standard colors.

2.02. FABRICATION

- A. Fabricate locker components square and rigid, with finish free from scratches and chips.
- B. Solid Plastic components will be dado joined to provide a continuous, solid and secure joint that slides together for assembly.
- C. Lockers sides and backs shall form a one-piece unit constructed from a single sheet of solid plastic requiring no hardware.
- D. Door frames shall be bonded to locker bodies using plastic welding process.

PART 3 EXECUTION

3.01. EXAMINATION

- A. Examine site conditions before locker installation. Notify architect of unacceptable areas.
- B. Do not install lockers until unacceptable conditions have been corrected.

3.02. INSTALLATION

- A. Install lockers at the location shown in accordance with the manufacturer's instructions for plumb, level, rigid and flush installations.
- B. Anchor the units to the wall studs or masonry through the locker back and to the floor. Lockers are joined side by side with non-corrosive tamper resistant fasteners.
- C. Attach aluminum number plates using hardware provided by the manufacturer after the lockers are in place.

END OF SECTION 10 52 00

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/11/2025

Company: Elite Storage Products, LLC

Name: Mike Haskins

Telephone Number: 901-367-3930

Fax Number: 901-367-3931

Contract(s) bidding on: General Trades

Drawing Referenced: _____

Spec Section Referenced: 105113

Other References: _____

Request: Please see the attached substitution request to include LockersMFG as an approved
manufacturer of metal lockers.

ANSWER: Metal locker manufacturer substitution approved.

Answered By: Emily Vail (Highland Associates)

Date: 12/15/2025

Company Submitting Request:

Elite Storage Products, LLC
Mail: PO Box 517, Collierville, TN 38027
Phone: (901) 367-3930 Fax: (901)
367-3931

Project Name: Johnson City CSD Capital Project 2025 2026 Phase 2

Specified Item: 105113 1 Lockers
Section Pages Description

The undersigned requests considerations of the following product substitution

: Proposed Substitution: LockersMFG Knock Down Plus Metal Lockers

(Provide product model name / manufacturer name)

1. Attached data: ☒ Product Comparison ☒ Performance and Test Data
☒ Certifications ☒ Specifications ☒ Photos
2. No changes will be required to the contract documents for the proper installation of the proposed product substitution.

The undersigned verifies that the following, unless modified by attachments, are correct:

1. The proposed substitution does not affect dimensions shown on the drawings.
2. No changes to the building design, engineering design, or detailing are required by the proposed substitution.
3. The proposed substitution will have no adverse effect on other trades, the construction schedule, or specified warranty requirements.
4. No maintenance is required by the proposed substitution other than that required for the originally specified product.
5. Other: _____

The undersigned further states that they have read the corresponding specifications section in the project manual and confirms that the function, appearance, and quality of the proposed substitutions are equivalent or superior to the originally specified product.

Signed: MP

Printed Name: Matthew Pate

Fax: (901) 367-3931

For Architect's Use:

- | | | |
|---------------------------------------|--|--|
| <input type="checkbox"/> Accepted | <input type="checkbox"/> Accepted as Noted | <input type="checkbox"/> Incomplete Information |
| <input type="checkbox"/> Not Accepted | <input type="checkbox"/> Received Too Late | <input type="checkbox"/> No Substitutions Accepted
For This Project/Product |

Reviewed By/Date: _____

Processed by Addendum No.: _____

Comments:



MANUFACTURING any design. any material. any technology.

Locker Product Comparison

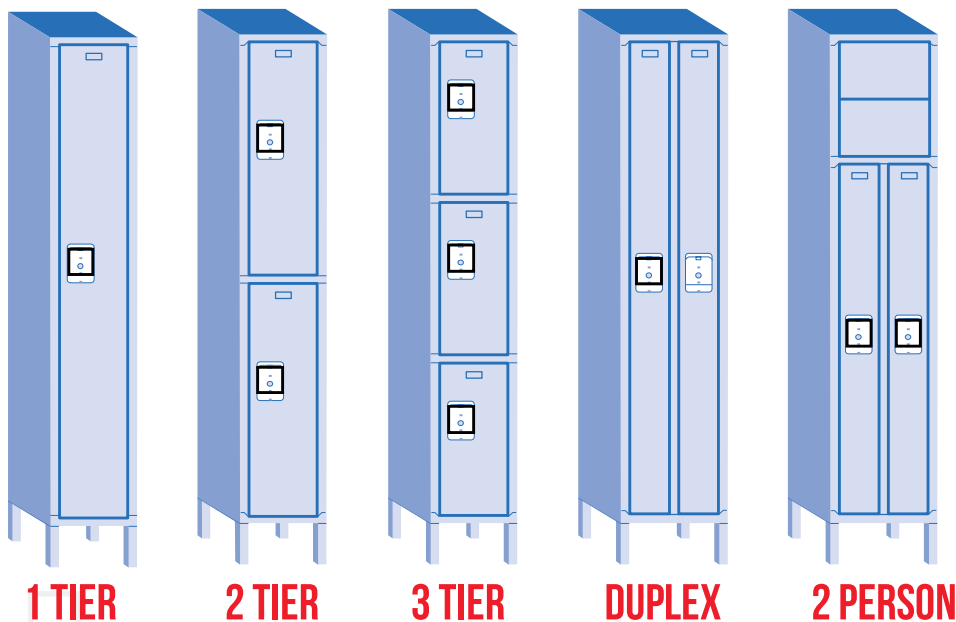
	LockersMFG Knockdown Plus Metal Locker Series	Republic Knockdown Metal Lockers
Top	24ga	24ga
Back	24ga	24ga
Side	24ga	24ga
Bottom	16ga	24ga
Door	14ga	14ga
Door Frame	16ga Spot Welded	16ga Spot Welded
Shelf	24ga	24ga
Handle for 1T, 2T, 3T	Recessed, Multi-Point Latch	Recessed, Multi-Point Latch
Handle for 6T, 7T, 8T	Door Pull, Single Point Latch	Door Pull, Single Point Latch
Lock Compatible	Yes	Yes
ADA Compliance	1T, 2T - Yes	1T, 2T - Yes
Ventilation	Meets Specs	Meets Specs
Interior Equipment	Meets Specs	Meets Specs
Rubber Silencers	Meets Specs	Meets Specs
Hinge	Continuous Piano Hinge	Continuous Piano Hinge
Fillers	18ga	18ga
Boxed End Panels	16ga	16ga
Sloped Tops	18ga	18ga
Z-Base	14ga	16ga
Bench Pedestals	10ga	14ga
Bench Tops	Hardwood, Lacquered	Hardwood, Lacquered
Finish	2-3 mil Powder Coat	1 mil Powder Coat
Material	Cold Rolled Steel	Cold Rolled Steel
Colors	20 Standard + Custom Colors	21 Standard
Warranty	Lifetime	2 Years
Construction	Knocked Down	Knocked Down
Hardware	Rivets	Nuts & Bolts
Steel Surcharges	None	12%
Lead Time	8-10 Weeks	8-12 Weeks

Highlights Demonstrate Increase Quality Items

PO Box 208 Como, MS 38619

(662) 338-4340

The Knock Down Plus locker is designed to withstand above average use and abuse that is typical for most lockers. It comes with a standard 2 mil thick powder coat baked enamel finish, available in 20 standard colors as well as any custom color.



GAUGE REFERENCE

Top	Back	Side	Base	Door	Door Frame	Shelf
24	24	24	16	14	16	24

VENTILATION OPTIONS

- Solid (standard)
- Mini Louvers
- Standard
- Rectanular Perforations
- Diamond Perforations

HIGH-END FEATURES

- 2 MIL thick powder coat baked to cure finish
- All doors come standard with recessed handles for added safety and security
- Standard 16 gauge continuous piano type hinges riveted to frame and welded to door
- Continuous door strike has rubber bumpers to reduce noise
- Door frame is spot welded construction
- Standard 14 gauge door with reinforcement hat channel/door stiffener
- Standard 16 gauge bottom
- Body painted to match door and frame

DOOR HANDLE OPTIONS

- Recessed Handle Multi-Point Latch
- Recessed Handle Single Point Latch
- Door Pull (standard for box lockers)



MANUFACTURING any design. any material. any technology.

Locker Product Comparison

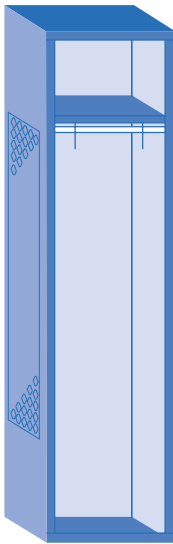
	LockersMFG All Welded Metal Gear Locker Series	Republic Storage Systems MVP Athletic Welded Locker
Top	16ga	16ga
Back	18ga	18ga
Side	16ga	16ga
Bottom	16ga	16ga
Door (Optional)	14ga	14ga
Door Frame	16ga	16ga
Shelf	16ga	16ga
Handle for 1T, 2T, 3T	Recessed, Multi-Point Latch	Recessed, Multi-Point Latch
Handle for 6T, 7T, 8T	Door Pull, Single Point Latch	Door Pull, Single Point Latch
Lock Compatible	Yes	Yes
ADA Compliance	1T, 2T - Yes	1T, 2T - Yes
Ventilation	Diamond Perforated Sides	Diamond Perforated Sides
Interior Equipment	Meets Specs	Meets Specs
Rubber Silencers	Meets Specs	Meets Specs
Hinge	16ga Continuous Hinge	5-Knuckle Hinge
Fillers	18ga	18ga
Z-Base	14ga	16ga
Footlocker Option	Yes-14ga front	Yes-14ga front
Security Box Option	Yes - 18ga	Yes - 18ga
Sloped Tops	18ga	18ga
Boxed End Panels	18ga	18ga
Pedestals	10	10
Bench Tops	Hardwood, Lacquered	Metal
Finish	2-3mil Thick Powder Coat	1-mil Thick Powder Coat
Material	Cold Rolled Steel	Cold Rolled Steel
Colors	20 Standard + Custom Colors	15
Warranty	Lifetime	Lifetime
Construction	Welded	Welded
Steel Surcharges	None	12%
Lead Time	8-10 Weeks	8-12 Weeks

Highlights Demonstrate Increase Quality Items

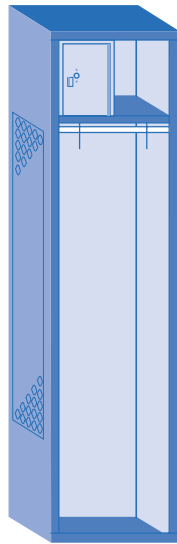
PO Box 208 Como, MS 38619

(662) 338-4340

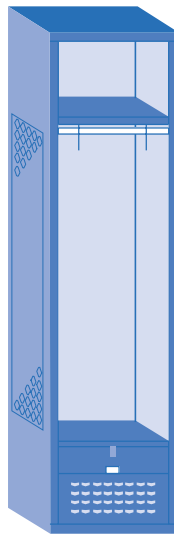
The Open Front lockers are the perfect fit for athletic team rooms, police, firefighters and first responders' facilities, or any other application where easy access to uniforms and equipment are needed. These lockers can be configured to comply with your specific needs, and are available in 20 standard colors as well as any custom color.



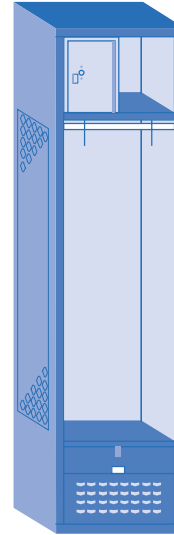
KD W/ SHELF



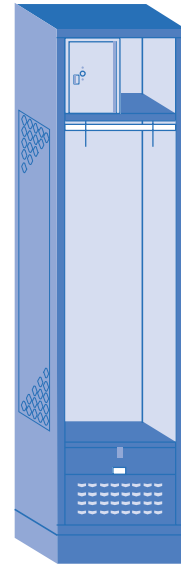
KD W/ SHELF & SECURITY BOX



KD W/ SHELF & FOOT LOCKER



KD W/ SECURITY BOX & FOOT LOCKER



**ALL WELDED
W/ BASE**
Door Option

GAUGE REFERENCE

Top	Back	Side	Base	Door	Door Frame	Shelf
16	18	16	16	14	16	16

HIGH-END FEATURES

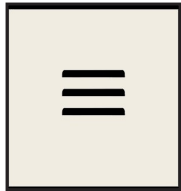
- 2 mil thick powder coat baked to cure finish
- Rubber bumpers mounted to contact points for quieter operation
- Door frame is spot welded construction
- Knocked Down or All Welded construction
- Open front style
- Standard option has full width shelf, 2 coat hooks and a coat rod
- 16", 24" and 33" wide models

VENTILATION

- Sides - Diamond Perforation (standard) ; Solid (optional)
- Foot Locker - Mini Louvers (standard) ; Solid (optional)
- Security Box - Solid (standard) ; Standard Louvers (optional)

DOOR HANDLE OPTIONS

- Security Box - Door Pull
- Foot locker - Pad Lock Hasp



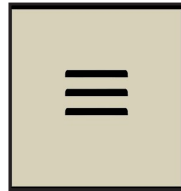
ARTIC WHITE



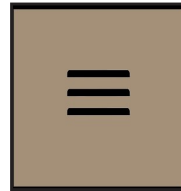
GHOST MIST



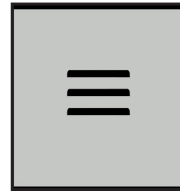
MIDNIGHT BLACK



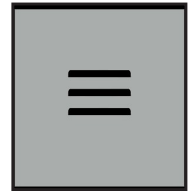
IVORY



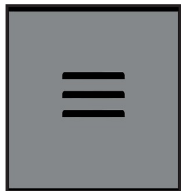
LIGHT MOCHA



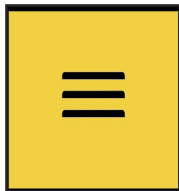
PEARL GRAY



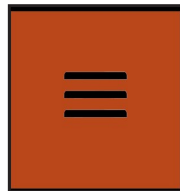
GLACIER GRAY



DOLPHIN GRAY



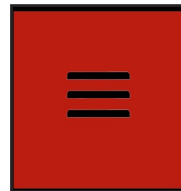
SUNFLOWER
YELLOW



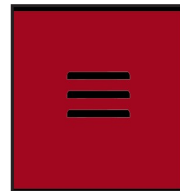
RUSTIC ORANGE



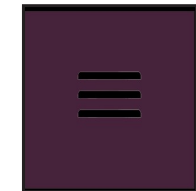
MISSISSIPPI
MAROON



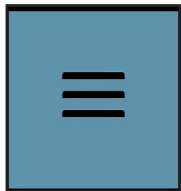
RACER RED



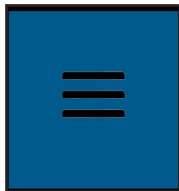
GLORY RED



ROYAL PURPLE



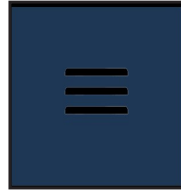
CAROLINA BLUE



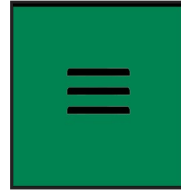
ELECTRIC BLUE



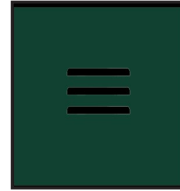
AZURE BLUE



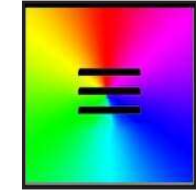
LIBERTY BLUE



ARMY GREEN



WOODLAND
GREEN



CUSTOM COLOR

Two-Tone: Two tone finish is available upon request with an additional fee.

Standard Finish: Provides a durable, uniform finish, offering excellent resistance to corrosion, chemicals, and abrasion. Industry leading 2-3 mils standard. Available for all color options

Custom Colors: Custom colors empower a customer to find the exact color that fits their projects needs. This is ideal for matching new lockers to existing lockers, or finding the perfect color to bring a space together.

Hammertone Finish: A textured finish that offers a unique look while adding enhanced durability. Industry leading 2-3 mils standard. Hammertone color chart available upon request.

Antimicrobial Finish: Our antimicrobial powder coating inhibits the growth of bacteria, mold, and other microbes. Industry leading 2-3 mils standard. Available for all color options.

Anti-Graffiti Finish: Provides a protective layer that allows for easy removal of graffiti and stains, preserving the finish of the product. Industry leading 2-3 mils standard. Available for all color options.

Colors shown are an approximate printed representation of the actual colors and may vary. Actual color samples are available upon request.

Lockers Manufacturing retains the right of reasonable color variation from samples presented.

CONTACT US



662-338-4340



WWW.LOCKERSMFG.COM

MULTI-POINT RECESSED HANDLE



This stainless steel handle is designed for safety, eliminating protrusion from the front of the locker. Can be used with a built-in combination lock or portable padlock.

We provide several innovative features to provide “Quiet Locker” features on our multi-point latch:

- Rubber bumpers on doors frames
- Virgin nylon glides over latches.
- Plastic “spider” in latch channel.

Latch channel attached with plastic buttons, not metal flanges.

Additionally, the multi-point latch channel is powder coated before assembly, therefore preventing corrosion and latch channel sticking.



SINGLE-POINT RECESSED HANDLE

This stainless steel handle has no moving parts, which requires low maintenance — equipped with Anti Pry Latch for added security. This 20 gauge stamped cup can be supplied with a built-in lock or a padlock for security.

DOOR PULL

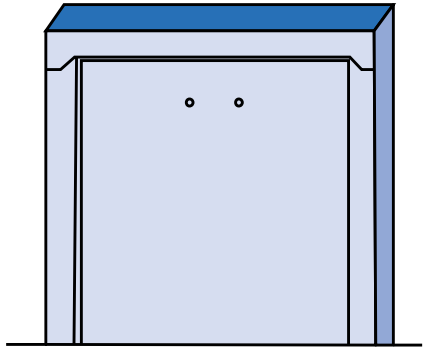


The door pull featuring a padlock hasp stands as the handle choice for all box lockers, offering both functionality and security. This standard option provides users with a reliable and familiar method for securing their belongings, ensuring peace of mind and ease of access.

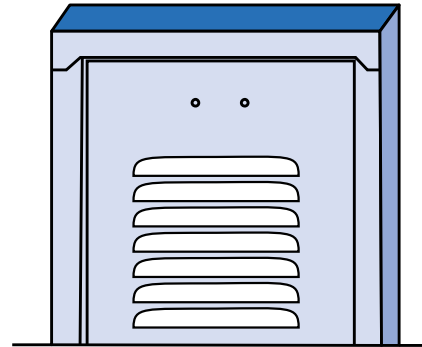
CREMONE TURN HANDLE

Discover enhanced durability with our unbreakable steel handle, securely bolted to a sturdy three-point latching system. The 3/8" latching rod engages effortlessly at the top and bottom of the door frame, while the 1/8" thick center latch ensures a reliable lock at the door's center to the frame.

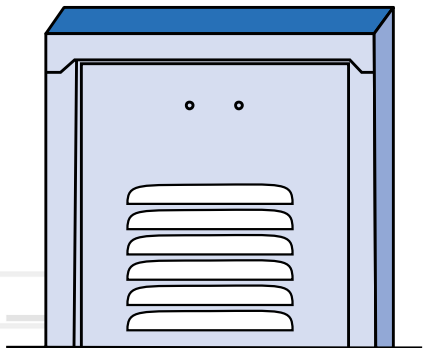




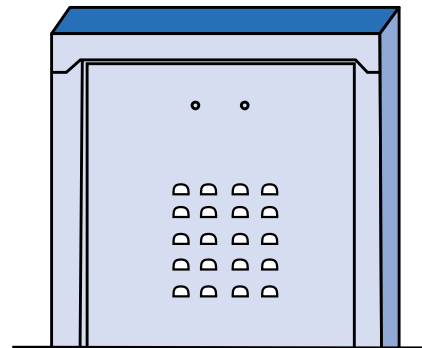
SOLID LOUVERS



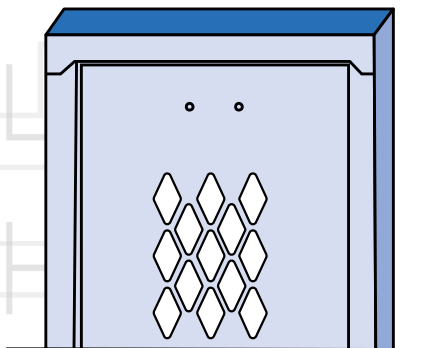
FULL LOUVERS



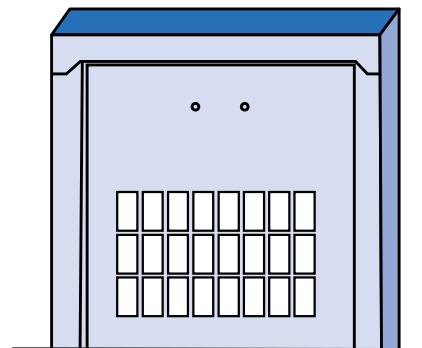
STANDARD LOUVERS



MINI LOUVERS

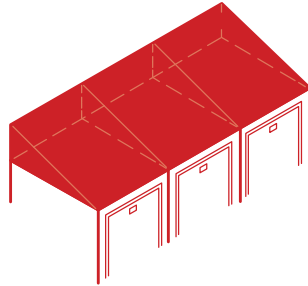


DIAMOND PERFORATIONS



RECTANGULAR PERFORATIONS

Slope tops are frequently preferred over flat tops to prevent the buildup of dust and debris and deter using locker tops for storage. Three variations of slope construction are available: Unit slope tops, Slope hoods and Slope top kits (Stock converter for Knock Down Series).



UNIT SLOPE TOPS

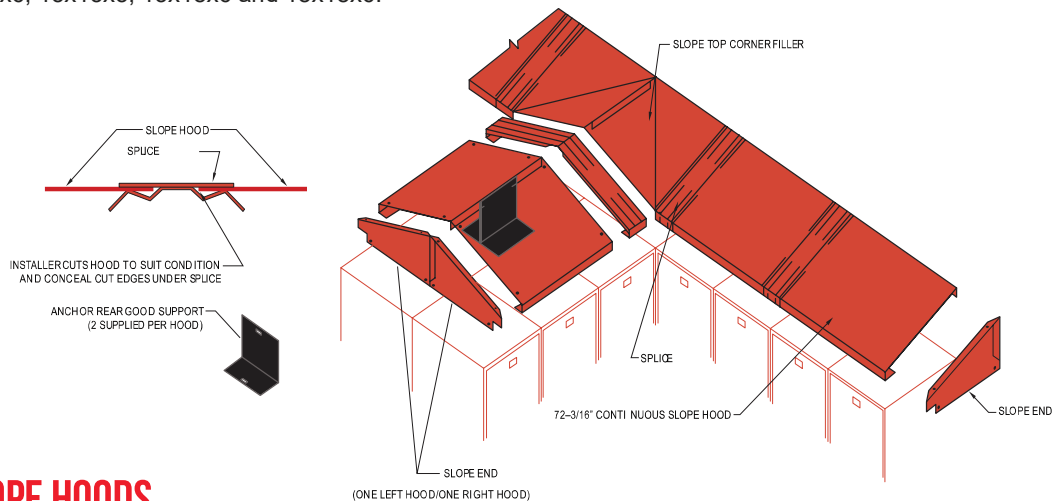
Unit Slope Tops cover the width of one locker frame only. Lockers with Unit Slope Tops have sides with mitered top ends with a rise equal to 1/3 of the locker depth, plus longer backs that meet the rear edge of the slope top, Unit Slope Tops are used in place of the standard flat tops. (Not for use on Heavy Duty Series, Open Front Series or All Welded Series.)

Unit Slope Tops are available in the following width and depth:

9x12, 9x15, 9x18, 12x12, 12x15, 12x18, 12x21, 15x12, 15x15, 15x18, 15x21, 18x18, 18x21, 18x24, 24x18, 24x21 and 24x24.

Slope Top Kits are available in the following width, depth and height:

12x12x4, 12x15x4, 12x18x6, 15x15x5, 15x18x6 and 18x18x6.



CONTINUOUS SLOPE HOODS

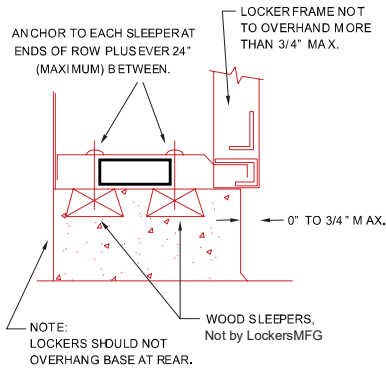
Continuous Slope Hoods fit on top of flat top lockers. They can be used on new lockers, or on a retrofit basis. All hoods are furnished in 72" lengths and must be cut to length during installation. Intermediate splices, ends and rear supports (2 per hood) complete the installation, and must be ordered separately.

Slope Hoods are available in the following width, depths and heights: 72x12x5, 72x15x6, 72x18x7, 72x21x8, and 72x24x9.

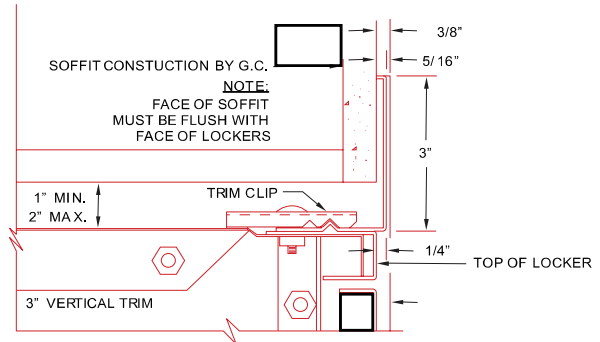
Slope Ends and Hood Splice available in the following depths and heights: 12x5, 15x6, 18x7, 21x8 and 24x9.

Recess Trim is 3" wide and bridges the gap between lockers and the wall and/or soffits when the lockers are recessed into a wall. Lockers must be anchored to base (base and wood to be completed by a general contractor.)

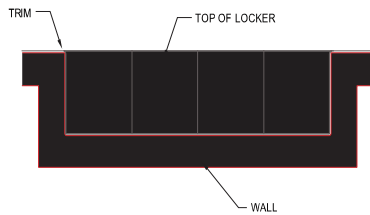
SIDE VIEW OF BASE & ANCHORS



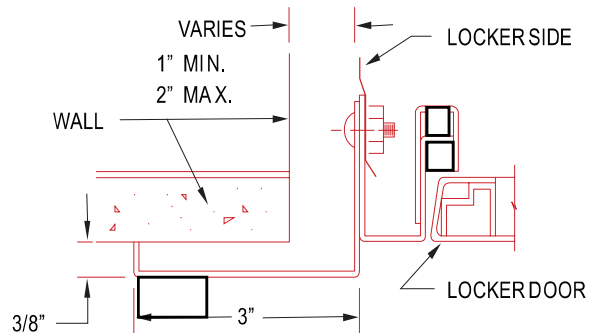
SIDE VIEW OF TOP RECESSED TRIM



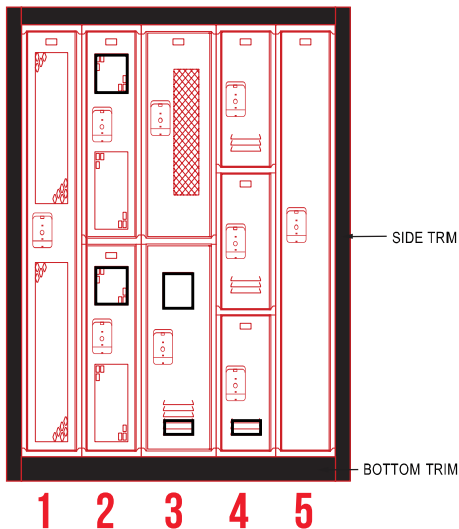
TOP VIEW OF A RECESSED LOCKER GROUPING



TOP VIEW OF 3" VERTICAL TRIM R.H.



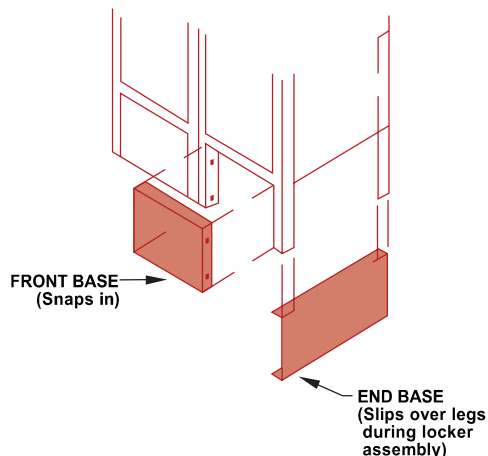
FRONT VIEW OF LOCKER WITH RECESSED TRIM



1. COMPETITIVE 1 - TIER WITH DIAMOND PERFORATIONS
2. DURABLE 2 - TIER WITH VISUAL PERFORATIONS
3. FIRE EXTINGUISHER / WASTE BIN
4. DURABLE 3 - TIER WITH LOUVERS
5. DURABLE PLUS 1 - TIER WITH SOLID DOORS

Introducing our locker bases, available in two versatile options: individual closed bases and zee bases. Our individual closed bases offer sturdy support for each locker unit, ensuring stability and durability. Alternatively, our zee bases provide a sleek and modern aesthetic while maximizing airflow and ease of cleaning. Whether you prefer individual closed bases for a traditional look or zee bases for contemporary appeal, our bases are designed to complement any locker setup.

INDIVIDUAL CLOSED BASES



Front and End bases are designed to fit between standard Lockers Manufacturing 6" legs. They present a clean flush appearance and prevent the accumulation of dust and dirt under the lockers. (Not for use on All Welded lockers). Front base snaps in. End base slips over legs during locker assembly.

Closed bases are available in the following widths and heights: 9x6, 12x6, 15x6, 18x6 and 24x6

End bases single row are available in the following depths and heights: 12x6, 15x6, 18x6, 21x6 and 24x6

End bases double row are available in the following depths and heights: 24x6, 30x6 and 36x6

ZEE BASES

Zee bases raise lockers without 4" legs off the floor when there is no concrete or wood base. They provide a toe space in the front and a concealed flange for floor anchoring at the rear. A special 4" high rear leg can be ordered to simplify installation. Also available for 6" high zee bases.

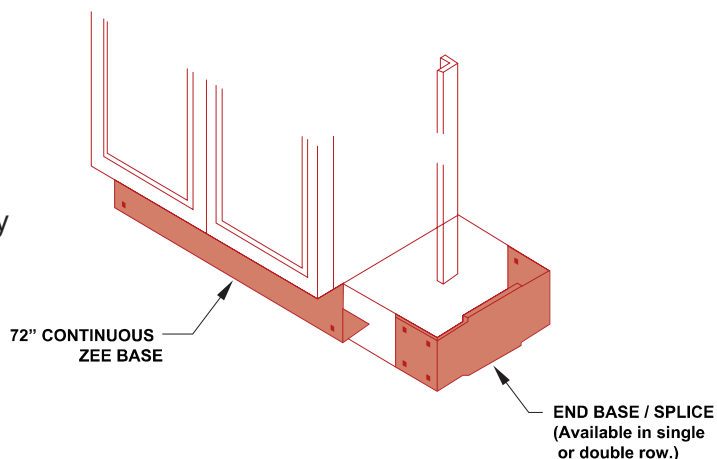
Zee bases are available only in 72" lengths, and may need to be cut to fit at the time of installation. Splices/End Bases are used at end of rows, and where the front sections join. (Not for use on All Welded lockers).

Front zee base is available in 72 x 4.

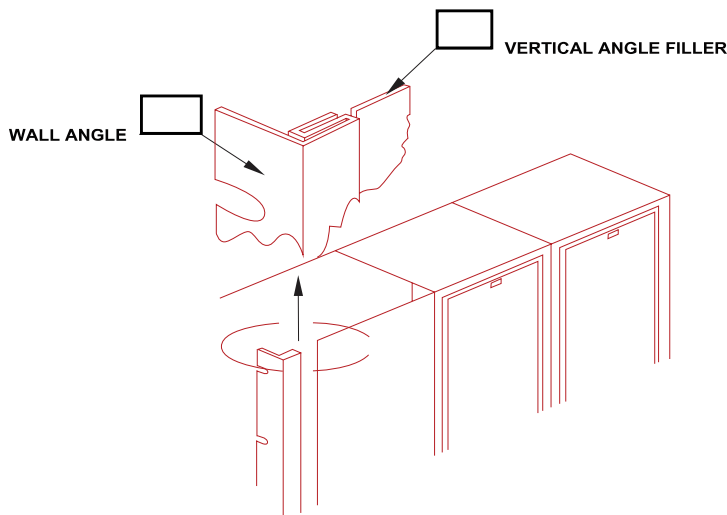
Splice/End Base Single Row is available in the following depths and heights: 2x4, 25x4, 18x4, 21x4 and 24x4

Splice/End Base Double Row is available in the following depths and heights: 30x4, 24x4 and 36x4

Zee Base Filler is available in a 4" height.
Rear leg for Zee Base is available in a 4" height.



Lockers Manufacturing provides standard fillers to adapt lockers to a wide range of field conditions and provide a professional, finish appearance. Fillers can be used to cover columns, pipes or other obstacles in a row of lockers, or fill the gap between the lockers and a wall.



VERTICAL FILLERS

These come in two widths and are designed to be used in conjunction with Wall Angle Slip Joints for a solid fit and smooth finish. The slip joint conceals any raw edges caused by field cutting.

TOP FILLERS

Top filler cover gaps between tops of lockers. They overlap the locker tops and can be field cut to allow for pipes, etc. There are separate designs for flat top vs. slope top, and in-line vs. corner applications.

Vertical Angle Fillers are available in the following widths and heights: 5x60, 5x72, 9x60, 9x72, 9x78, 12x60, 12x72 and 12x78.

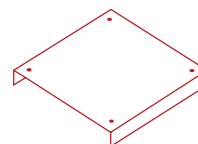
Wall Angle Slip Joints are available in the following heights: 60, 72 and 78.

Flat Top Fillers are available in the following widths and depths: 15x12, 15x15 and 15x18.

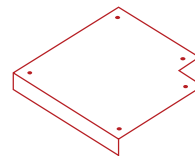
Slope Top Fillers are available in the following widths and depths: 15x12, 15x15 and 15x18

Flat Top Corner Fillers are available in the following widths and depths: 12x12, 15x15 and 18x18

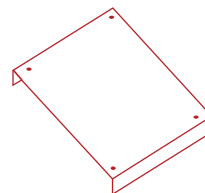
Slope Top Corner Fillers are available in the following widths and depths: 15x12, 15x15 and 15x18



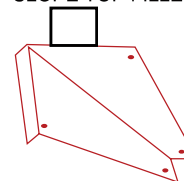
FLAT TOP FILLER



FLAT TOP CORNER FILLER

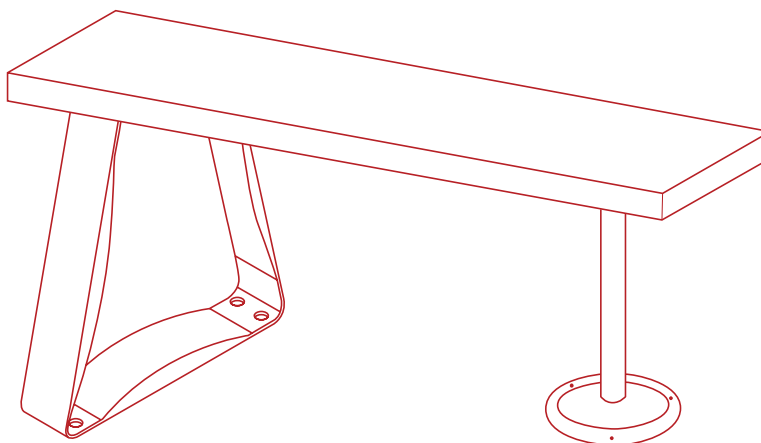


SLOPE TOP FILLER



SLOPE TOP CORNER FILLER

Elevating both comfort and organization, our locker benches seamlessly integrate into any floor plan. These benches provide the perfect blend of durability and aesthetic appeal. With painted or stainless steel pedestals for sturdy support, they are an essential addition to any locker room.



STAINLESS STEEL

Our stainless steel bench tops measure 9-1/2" deep x 1-1/4" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

WOOD TOPS

Our solid butcher block bench tops are made of edge-grain maple, are coated with DURAKRYL 102®, a robust urethane-based finish resistant to sweat and stains. Standard bench tops measure 9-1/2" deep x 1-1/4" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

HDPE TOPS

Our HDPE bench tops measure 9-1/2" deep x 1-1/2" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

ALUMINUM TOPS

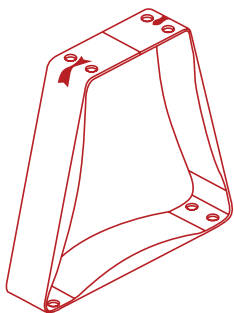
Our aluminum bench tops measure 9-1/2" deep x 1-1/4" thick, while ADA-compliant options are available in depths of 12" or 24". Pedestals can be ordered separately for your convenience.

ADA OPTIONS

Benches that are required to be ADA specifications are available. Contact a Lockers Manufacturing Representative for more information.

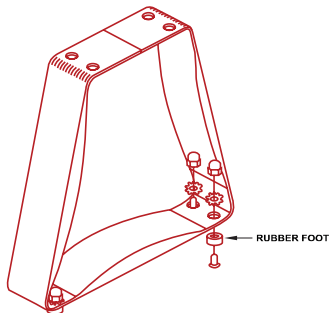
Elevating both comfort and organization, our locker pedestals seamlessly integrate into any floor plan. With high-quality painted or stainless steel options, our pedestals provide sturdy support for our premium hardwood maple benches, making them an essential addition to any locker room.

Select from two distinct pedestal styles: the robust Heavy Duty Pedestal or the sleek Stainless Steel Pedestal. For benches measuring 96" long or less, opt for two pedestals; for those exceeding 96" in



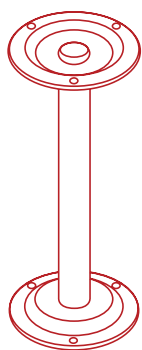
STAINLESS STEEL PEDESTAL

Featuring a 14" wide base, this pedestal offers versatility for freestanding use. Holes at the bottom enable optional floor anchoring or the attachment of non-skid bumpers (refer to the section below for details). Hardware is included for fastening to the bench top. *Stainless steel is typically not painted.



NON-SKID PEDESTAL KIT

Protect your floors with ease using rubber non-skid bumpers, designed to prevent damage. Each kit includes four non-marking rubber feet and the necessary fastening hardware. Ensure to order one kit per pedestal, exclusively for use with Stainless Steel Pedestals.



HEAVY DUTY PEDESTAL

Standing at a height of 16-1/4", this pedestal is constructed with a durable steel tube welded to top and bottom flanges, ensuring stability and strength. Hardware for securing to the bench is provided for your convenience, and floor anchoring is necessary for stability. Multiple pedestals are recommended per bench. Choose from all 24 available colors to complement your space effortlessly.

ADA OPTIONS

Benches that meet all ADA guidelines are AVAILABLE ADA BRACKETS DOUBLE REVERSED - contact a Lockers Manufacturing Representative for more information.

Please use this table as a guide only. Master Lock recommends trying your selected lock on your specific application prior to any purchase. Contact your lock distributor or Master Lock for assistance.

1690/1790 locks are recommended for single point latch lockers.

*Note: Single point latch lockers transitioned from horizontal latching (1652 or 1670) to rotating latching (Wrap Around Latch™) in 2008. Lockers built before 2008 will use horizontal latch locks. Please check with the locker manufacturer to confirm latch type used for lock built in 2008 or after.



Locker Selection	Lock Selection	Electronic Built-In Locks	Multi-User Locks	Built-In Combination Locks			Built-In Keyed Locks		Combination Portable Padlocks				Keyed Portable Padlocks
	Handle/Latch Type			General Security		Higher Security	General Security	Higher Security	Key Controlled		Not Key Controlled		
				General Security	Higher Security	General Security			Higher Security	General Security	Higher Security		
Knock Down Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Knock Down Plus Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Heavy Duty Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Recessed handle, single point		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Recessed handle, multi point		3670	1630, 1631 (L)		1670		1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Door Pull	3685	3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Series	Cremone Turn Handle				1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
KD Open Front Series	Door Pull		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
All Welded Openfront Series	Door Pull		3670		1652	1670	1714	1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650
Athletic Footlocker Compartment	Padlock Loop		3670					1710	1525, 1585	2010, 2010S	1502, 1572	2002S	2650

Note: Models 1790, 1714 and 1710 are available with optional master keying. Add MK to product number when ordering. (ie: 1790 + Master Key = 1790MK)

- 1 Select Locker 2 Select Handle/Latch Style 3 Select Lock Style 4 Select Security Level 5 For Built-Ins- Select Left or Right Hand Opening Door 6 Select ADA Lock Options
- S = short shackle, 1/2" decrease
Recommended for lockers with pockets

www.masterlock.com

Master Lock Company LLC, Milwaukee, WI 53154 U.S.A. | 800-308-9244
Master Lock Canada, Mississauga, Ontario L5L 5Z9 | 800-227-9599
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LM - LLCP MO PDF 11/18



ADA Compliant Lock Options

Designed to meet 28CFR Part 36 Federal Standards

3681, 1630 = 1636MKADA, 1670 = 1676MKADA, 1690 = 1695MKADA,
1790 = 1790MKADA, 1710 = 1710MKADA, 1714 = 1714MKADA



Easy to Use Lock Options

1525 = 1525EZRC, 2650





P.O. Box 208
Como, MS 38619
Phone: (662)-338-4340
Email: sales@lockersmfg.com

Lifetime Warranty

Date:
To:
Re:

The Lockers provided by Lockers Manufacturing for this project have an original purchaser Lifetime Warranty against defects in material and workmanship. This warranty is in effect from the date of substantial completion and excludes locks, or any other product not manufactured by LockersMFG.

Rapid deterioration of the finish will be covered. The warranty will NOT cover the following:

- Finished surfaces exposed to high humidity, chlorine salts, abrasives, acids, or other harmful chemicals.
- Improper use or abuse. Improper use or abuse includes, but is not limited to, damage from mishandling of the product, damage from excessive heat or uneven exposure to weather conditions, physical or chemical abuse and damage from improper care and maintenance.
- Modifications or attachments to the product that are not approved by LockersMFG.
- Products that were not installed, used or maintained in accordance with product instructions and warnings.
- Impact of foreign objects, fire, earthquake, flood, hurricane, tornado or any other casualty.

Any replacement or repair of material under this warranty shall be performed only after written authorization by LockersMFG and will constitute the buyers sole and exclusive remedy. In no event should LockersMFG be held responsible for any special, direct, indirect, incidental or consequential damages.



Maintenance and Care

1. Routine Cleaning

- The high-quality powder coat finish of LockersMFG metal lockers is very durable and resistant to most chemicals and cleaners. However, care should be taken to avoid damaging the finish.
 - Acceptable cleaners:
 - Household cleaners such as Lysol, Mr. Clean, Pine Sol.
 - Mild soap and detergents such as Dawn, Palmolive, Gain, Tide
 - Mild solvents such as mineral spirits (no acetone or harsh solvents)
 - Household solvent-based cleaners such as Goof Off or Goo Gone
 - Un-acceptable cleaners:
 - Acidic cleaners such as Lime Away, any acid compound
 - Any cleaner containing hydrogen peroxide.
 - Alkaline cleaners such as toilet bowl cleaners.
 - Strong solvents such as acetone, MEK, xylene, etc.
 - Abrasive cleaners include SOS, Comet, Soft Scrub, and any polishing compound.
- After using a cleaning compound, rinse with water and dry with a soft towel or microfiber towel.
- Touch up any scratches immediately to prevent corrosion. Factory-matched touch-up paints are available from LockersMFG. Contact LockersMFG at 662-338-4340 or info@lockersmfg.com to get information on matching touch-up paints.

2. Annual Maintenance

- Inspect each door for ease of opening and closing
- Note any loose or missing hardware (nuts & bolts, rivets) or accessories (hooks, shelves)
- Ensure latch hooks are centered in latch opening in door and not rubbing. Use pliers to bend into correct position.
- Lubricate latch hooks on door frame.
- Lubricate the latching bar (if applicable) in the door.
- Clean interior and exterior of locker with non-ammonia containing mild cleanser.
- Use a product such as "Goof-Off" or WD-40 to remove any ink or other stains from finish.

3. Replacement Parts

- If damage or missing parts are noted and replacements needed, contact LockersMFG at 662-338-4340 or email info@lockersmfg.com.



PO Box 208 Como, MS 38619

Build America, Buy America Act Certificate

- (a) LockersMFG certifies that each “end product”, except those listed in paragraph (b) of this provision, is a domestic “end product” and that for other than COTS items, and has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. LockersMFG lockers are produced domestically and shall list as foreign “end products” those “end products” manufactured in the United States that do not qualify as domestic “end products”, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of “domestic end product.” The terms “commercially available off-the-shelf (COTS) item,” “component,” “domestic end product,” “end product,” “foreign end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American Act—Supplies.”

A manufactured product qualifies as a domestic end product if it is manufactured in the US; and the cost of its components mined, produced, or manufactured in the US exceeds 65% of the cost of all of its components (48 C.F.R. § 25.101(a) as amended per Fed.Reg.)

Due to the shortage or non-existent domestic supply, some or all of the following materials may be sourced from international markets when not practicably available domestically.

- (b) Foreign End Products:

Line Item	Country of Origin
Combination Locks	Varies
Channel Glides	Varies
Hooks	Varies
Pedestals	Varies

LockersMFG complies with the updated provisions of the Public Law 117-58 (as enacted March 9, 2024) applying graduating levels for the Buy American Act 41 U.S.C.A. 10 (2009) et. seq. and appreciates your interest in our products.

Sincerely, Lockers Manufacturing, LLC

As a bidder or offeror, we hereby certify that we will comply with the requirements of 49 U.S.C. 5323(j)(1), and the applicable regulations in 49 CFR part 661.

Date: _____
Signature: _____
Company: _____
Name: _____
Title: _____



Year 2024

Re: ASTM Compliance

This letter serves to certify that Lockers Manufacturing has complies with the ASTM standards for the fabricated cold rolled metal used in its all-welded locker fabrication. Below are the ASTM standards we comply with:

ASTM INTERNATIONAL (ASTM)

- **ASTM A1008/A1008M** Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardened
- **ASTM A568/A568M** Standard Specifications for Steel, Sheet, Carbon, Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled.
- **ASTM A653/A653M** Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Gal annealed) by the Hot-Dip Process.
- **ASTM A924/A924M** Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process.
- **ASTM B456** Standard Specification for Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium.
- **ASTM D6386** Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Painting.

Should you need additional documentation or information please contact me at any time.

Sincerely,

Keith Dunham
President

QUALITY MANAGEMENT SYSTEM CERTIFICATE

This certifies that the quality system of

Lockers Manufacturing

209 Pearson Street, Batesville, MS 38606, USA

is registered by IAPMO SCB in recognition of a
Quality Management System, which fulfills the requirements of

ISO 9001:2015

Scope of Registration

Design and manufacturer of storage lockers

Certificate No: 1118025

Certificate Decision/Re-Issue Date:	02/02/2024
Certificate Issue Date:	02/02/2024
Certificate Expiry:	02/01/2027
Site Structure:	Single Site



SHIRLEY DEWI, SR. VICE PRESIDENT OF
MANAGEMENT SYSTEM REGISTRATION SERVICES

909.230.5526 | WWW.IAPMOSCB.ORG
5001 E. PHILADELPHIA ST, ONTARIO, CA 91761-2816



CERTIFICATE OF COMPLIANCE



Lockers Manufacturing

Knock Down Plus

142838-420

Certificate Number

11 Oct 2019 - 10 Oct 2025

Certificate Period

Certified

Status

UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Classroom furniture and furnishings are modeled to the classroom environment with a room volume of 231 m³ and 0.82 air changes per hour (ACH) accommodating 27 students.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

GREENGUARD Gold Certification Criteria for Individual Office Furniture Products

Criteria	CAS Number	Maximum Allowable Emission Factor		
		Open Plan	Private Office	Units
TVOC ^(A)	-	152	306	µg/m ² *hr
Formaldehyde	50-00-0	6.2	12.5	µg/m ² *hr
Total Aldehydes ^(B)	-	1.2	2.4	µmol/m ² *hr
4-Phenylcyclohexene	4994-16-5	4.5	9.0	µg/m ² *hr
1-Methyl-2-pyrrolidinone ^(C)	872-50-4	110	223	µg/m ² *hr
Individual VOCs ^(D)	-	1/2 CREL or 1/100th TLV	1/2 CREL or 1/100th TLV	-

(A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate.

(B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.

(C) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day.

(D) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Lockers Manufacturing

209 Pearson St, Batesville, Mississippi 38606, United States

For the following product(s):

Storage:

All Welded, Angle Iron, Knock Down, Knock Down Heavy Duty, Knock Down Plus, Open Front
All Welded, Open Front Knock Down

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

Indoor Advantage™ Gold

Indoor Air Quality Certified to SCS-105 v4.2

Conforms to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2021 and ANSI/BIFMA e.3-2019 (Credits 7.6.1, 7.6.2, 7.6.3) for the open plan and private office workstation parameters.¹ Also, conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for the open plan and school classroom parameters.¹

¹Modeled as Individual Furniture Components

Registration # SCS-IAQ-05906

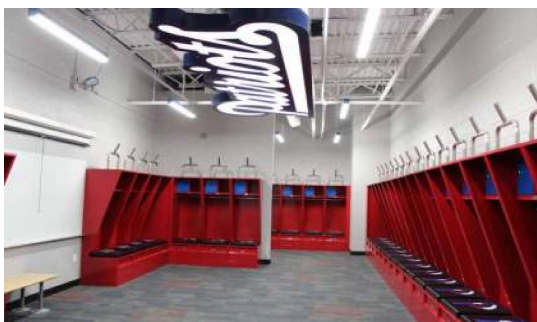
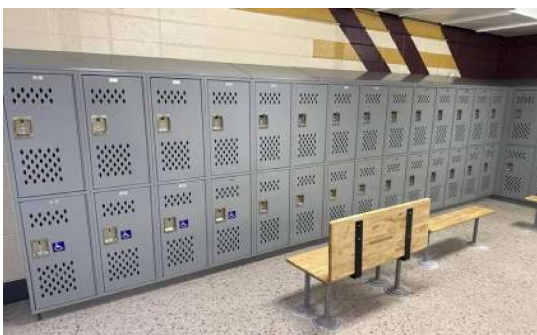
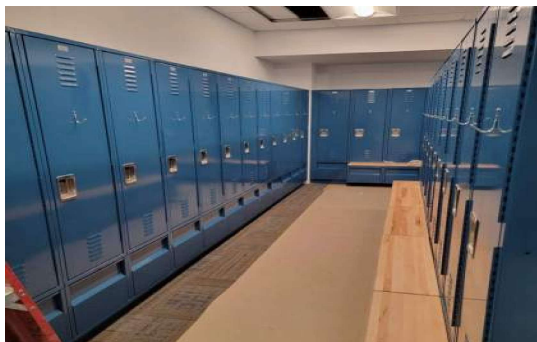
Valid from: January 06, 2025 to January 05, 2026



SCSglobal
SERVICES

Diana Kirsanova Phillips, Chief Assurance
Officer,
SCS Global Services

NEW YORK REFERENCE LIST



Project: Henninger High School
Address: 600 Robinson St, Syracuse, NY 13206
Price: \$138,775.77
GC: Pac & Associates
Contact Information: Brian Lasnicki (Jr Project Manager)
O: 315-343-7980 - **EM.** blasnicki@pacassociates.com
Architect: Stieglitz Snyder Architect
Contact Information: 716-828-9166
Owner: City of Syracuse

Project: HFHO BOCES Capital Improvement Project
Address: 352 East German St, Herkimer, NY 13350
Price: \$60,028.00
GC: Putrelo Building Enterprises
Contact Information: Tony Putrelo (Project Manager)
O: 315-737-3124 - **EM.** aputrelobuilding.com
Architect: King & King Architects
Contact Information: 315-671-2400
Owner: Herkimer-Fulton-Hamilton-Otsego BOCES

Project: Hammond Capital Improvements Project
Address: 51 S Main St, Hammond, NY 13646
Price: \$59,900.00
GC: Bette Cring Construction Group
Contact Information: Joe Cring (Project Manager)
O: 315-782-0074 - **EM.** jcring@bettecring.com
Architect: BCA Architects & Engineers
Contact Information: 315-782-8130
Owner: Hammond Central School District

DISCLAIMER* Pictures shown are not representations of the projects listed.

CONTACT US



662-338-4340



WWW.LOCKERSMFG.COM

This information is intended solely for the design team and those responsible for architectural specifications.
Please do not distribute or share with any other parties.



Section 10 51 13

Lockers MFG Knock Down Plus Lockers

SECTION 10 51 13 – METAL LOCKERS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. Section Includes:
 - 1. Knockdown Plus Lockers.
 - 2. Locker Benches.

1.03 SUBMITTALS

- A. Shop Drawings: Dimensioned drawings, including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates.
- B. Color Samples: Manufacturer's color samples showing the full range of colors available.
- C. Product Data:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods
- D. Field Dimensions: Verify that drawings with the actual dimensions of the areas receiving the lockers must be submitted to the manufacturer prior to fabrication of the lockers and accessories.

1.04 QUALITY ASSURANCE

- A. Regulatory Requirements: Where metal lockers are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines for Buildings and Facilities" and ICC/ANSI A117.1.
- B. Source Limitations: Provide lockers and benches from a single manufacturer to ensure uniformity.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Store products in the manufacturer's unopened packaging until ready for installation to protect the locker finish and adjacent surfaces from damage.



1.06 WARRANTY

- A. Manufacturer's Standard Limited Lifetime Warranty against defective parts and workmanship, excluding vandalism and improper installation and use.

1.07 CONSTRUCTION REQUIREMENTS

- A. All lockers shall be powder-coated steel as designed and manufactured by Lockers Manufacturing. Lockers Manufacturing will furnish all labor and materials for the completion of work in this section, as shown in the approved drawings and specifications.

PART 2 - PRODUCTS

2.01 MANUFACTURER

- A. Lockers Manufacturing, located at 209 Pearson Steet, Batesville, MS 38606:
Phone: 662-338-4340; Email: sales@lockersmfg.com; Website: www.lockersmfg.com.
- B. Request for substitutions will be evaluated only if they are submitted with supporting documents to show that they are equal to or better than these specification standards.

2.02 PERFORMANCE AND DESIGN REQUIREMENTS

- A. Lockers shall be GREENGUARD Gold Certified by UL Environment through the GREENGUARD Certification Program.
- B. Lockers shall be SCS Global Services Indoor Advantage Gold Certified through the SCS Indoor Advantage Certification Program.

2.03 MATERIAL

- A. Steel parts shall be mild cold-rolled commercial quality steel, capable of taking a high-grade enamel finish.
- B. Rivets: Steel mandrel rivets
- C. Bolts and Nuts: Zinc-plated truss fin head bolts and hex nuts.

2.04 KNOCKDOWN PLUS LOCKERS

- A. Basis of Design: Knockdown Series by LockersMFG. Louvered doors.
 - 1. Tier:
 - 2. Width:
 - 3. Depth:
 - 4. Height:
 - 5. Dimensions:
- B. Door Frames: Shall be 16-gauge (0.0598-inch) formed in a channel shape with continuous vertical door strike.
- C. Door: 14-gauge (0.0747-inch) steel formations are full channel shape on the lock side adequate depth to fully conceal the lock bar, channel formation on the hinge side, and right-angle formations across the top and bottom.
 - 1. Doors 12" wide and over or 20" high are 16-gauge sheet steel. Doors less than 12" wide are 18-gauge sheet steel.
 - 2. Doors over 15" wide by 60" or 72" high: includes a 3" wide 16-gauge full height reinforcing pan welded to inside face of door at 6" centers.
- D. Ventilation: Louvered doors in manufacturer's standard louver pattern. Optional ventilation patterns available upon request. (Full louvers, mini louvers, solid, rectangular perforations, diamond perforations).
- E. Body: Steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
 - 1. Bottoms: 16-gauge (0.0598-inch) sheet steel, notched and formed sheet; one continuous bottom for each group of lockers.
 - 2. Tops: 24-gauge (0.0239-inch) sheet steel, notched and formed sheet.
 - 3. Sides: 24-gauge (0.0239-inch) sheet steel.
 - 4. Backs: 24-gauge (0.0239-inch) sheet steel.
 - 5. Shelves: 24-gauge (0.0239-inch) sheet steel, flanged four sides with additional return flange on front edge to increase strength.
 - 6. Legs: 6" legs are standard. Without legs optional.
- F. Door Handle: Handles shall be recessed in the door.
 - 1. Drawn pocket shall be 20-gauge (0.0359-inch) brushed stainless steel securely fastened to the door with two tabs plus a positive tamper resistant fastener. The pocket shall be of sufficient depth for a combination padlock, built-in combination lock or key lock from protruding beyond the face of the door.

- G. Latching: Shall be multi-point latch.
1. A lock hole cover plate shall be provided for use with padlocks.
 2. On single, double, triple, and two-person lockers the lift trigger shall be 14-gauge (0.0747-inch) formed steel, attached to the latching channel with one concealed retaining lug and one rivet.
 3. Four, five and six tier lockers shall have an 11-gauge frame hook secured to the frame.
 3. The handle finger lift shall have a padlock eye for use with a 9-32" diameter padlock shackle. It shall have a sound-deadening molded comfortable finger lift.
 4. Doors to have latch clip engaging the door frame at three points on doors over 42" high and two points on all other doors.
 5. Locking device to be positive, automatic type, whereby locker door may be locked when opened, then closed without unlocking.
 6. One rubber silencer shall be firmly secured in the frame at each latch hook.
 7. Latch clips shall be glass-filled nylon.
 8. Latch hooks on diamond perforated lockers shall have tamper guards.
- H. Hinges: Shall be 16-gauge (0.0598-inch) continuous piano-type hinge welded to the door and riveted to the frame for the full height of the door. Optional 2" high, double spun, full loop tight pin, five knuckle butt hinge welded to the frame and riveted to door.
- I. Box Lockers: Channel formations on lock and hinge sides, right angle flanges on top and bottom; pre-punch doors for padlock latch and friction catch and built-in combination and key locks
- J. Interior Equipment: Single-tier lockers 48" or higher shall have a shelf. When under 18" deep, locker shall have 3 wall hooks and one ceiling hook. Single-tier lockers 18" deep or more shall have a coat rod instead of one ceiling hook. Triple-tier lockers shall have three wall hooks for 12" and 4 wall hooks for 15" and wider lockers.
1. All hooks are zinc-plated steel with ballpoint heads and are attached with two fasteners.
- K. Number Plates: Provide holes for attaching number plates. Each locker shall have a polished aluminum number plate riveted to door face with black numerals ½" high.

- L. Finish: All components shall have a hybrid epoxy/polyester powder, electrostatically applied to ensure a uniform finished and baked to cure.
 - 1. Powder-coat dry thickness is a minimum 2 mm thick.
 - 2. Color: As selected by Architect from manufacturer's full range.
 - 3. Special Color/Finish
 - a. Custom color
 - b. Anti-Graffiti
 - c. Anti-Microbial

2.05 ACCESSORIES (Optional)

- A. Zee Bases for Knock Down Lockers: 14-gauge (0.0747-inch), steel flanged outward at the top for support of lockers, flanged inward at bottom for anchoring to the floor.
- B. Closed Bases: 18-gauge (0.0478-inch) closed metal front and end bases, finished to match lockers.
- C. Continuous Sloped Hoods: 18-gauge (0.0478-inch) steel, slope rise equal to 1/3 of the locker depth. (18.5 degrees), plus a 1" vertical rise at front. Provide necessary end closures and finish to match lockers.
- D. Unit Slope Tops for Standard Duty Lockers: 24-gauge (0.0239-inch) steel, slope rise equal to 1/3 of the locker depth, finish to match lockers.
- E. Exposed End Panels: Minimum 16-gauge (0.0598-inch) steel formed to match locker depth and height. Punched with perimeter holes only.
- F. Finished Box End Panels: Minimum 16-gauge (0.0598-inch) steel formed to match locker depth and height, 1" edge dimension; finish to match lockers; install with concealed fasteners.
- G. Front Fillers: 20-gauge (0.0359-inch) steel formed in an angle shape, with 20-gauge (0.0359-inch) slip joint angles formed in an angle shape with a double bend on one leg forming a pocket to provide adjustable mating with angle filler. Attachment utilizing concealed fasteners finish to match lockers.
- H. Top Fillers: 20-gauge (0.0359-inch) steel.
- I. Recess Trim: 18-gauge (0.0478-inch) steel, 3" face dimension. Vertical and/or horizontal as required. Standard lengths as long as practical; attaches to lockers with concealed clips. Provide necessary finish caps and splices. Finish to match lockers.
- J. Benches: Laminated selected hardwood, 1-1/4" full finished thickness, corners rounded and sanded, surfaces finished with two coats of clear lacquer.

- K. Heavy Duty Bench Pedestals: Steel tubing with 10-gauge (0.1345-inch) steel flanges welded to each end, 16-1/4" high, and finish to match lockers.
- L. Stainless-Steel Free-Standing Bench Pedestal: 2" diameter brushed 16-gauge (0.0598-inch) stainless steel formed into a trapezoid, 14" wide bottom with two 5/16" diameter holes, top flange with four 5/16" diameter holes for fastening to bench.
- M. Locks:
 - 1. Built-in flat key locks; master key same to series.
 - 2. Built-in grooved key Locks (pin tumbler); master key to same series.
 - 3. Built-in three number dialing combination locks capable of at least five different combinations changes; provide master key, combination change key, and combination control charts.
 - 4. Padlocks: Master keyed three number dialing combination type padlocks; provide master key. Mechanism must be resistant to "shimming."

2.06 BUILT-IN STANDARD SUPERIOR QUIET LOCKER FEATURES

- A. The Design Specifications: Interior welded double strength plate welded to the door. Fabricated from 16-gauge (0.0598-inch) or 18-gauge (0.0478-inch) steel sheet; formed into channel shape with double a bend at vertical edges and with a single right-angle bend at the horizontal edges. The doors can be equipped with quiet handles and silencing latches.
- B. Quiet Handles: Stainless steel recessed handle with plastic-protected lifting trigger, designed to accept padlock or built-in locks.
- C. Silencing Latches: Nearly silent multi-point latching on heavy gauge frame hooks with rubber buffers that smoothly reduce noise and contact. There is a concealed quiet lock bar that is locked into place and restricts metal-to-metal noise contact by polyethylene glides.
- D. U-Shaped Channel Glide: The spider plastic component tops the inside of the galvanized latch channels, so there is no rattling within the latch bar cavity.
- E. Sound Dampening Panels: LockersMFG standard, designed to stiffen doors and reduce sound levels when doors are closed, of die-formed metal with full perimeter flange and sound-dampening design and material; welded to inner face of doors. Sound-dampening panels are attached horizontally or vertically depending upon the design of the locker.

2.07 FABRICATION

- A. Pre-assemble locker by riveting into one-piece structures; maximum width of groups to be 54".
 - 1. Fabricate locker square, rigid, without warp, with metal faces and free of distortion.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Verify that base is level. Do not begin installation until the base has been properly prepared. If bases or substrates are unsatisfactory, notify Architect immediately before proceeding.
 - 1. Clean surfaces thoroughly prior to installation.

3.02 INSTALLATION

- A. Lockers shall be installed in compliance with Lockers Manufacturing installation instructions and shall be level and plumb with flush surfaces and rigid attachment to anchoring surfaces.
 - 1. Bolt adjoining locker units together to provide rigid installation.
 - 2. Assembly by bolting is acceptable, Lockers Manufacturing recommends assembly by riveting.
 - 3. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces.
 - 4. Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.
- B. Anchor lockers to floor and wall
 - 1. Anchor lockers to floor and wall at 48 inches or less, as recommended by the manufacturer.
- C. With factory supplied paint and repair or replace damaged products before substantial completion.

3.03 ADJUST AND CLEAN

- A. Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.
- B. Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.

3.04 PROTECTION

- A. Protect installed products until completion of project.

END OF SECTION



Section 10 51 13

LockersMFG All-Welded Open Front Lockers

SECTION 10 51 13 – METAL LOCKERS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. Section Includes:
 - 1. All-Welded Open Front Lockers.
 - 2. Locker Benches.

1.03 SUBMITTALS

- A. Shop Drawings: Dimensioned drawings, including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates.
- B. Color Samples: Manufacturer's color samples showing the full range of colors available.
- C. Product Data:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods
- D. Field Dimensions: Verify that drawings with the actual dimensions of the areas receiving the lockers must be submitted to the manufacturer prior to fabrication of the lockers and accessories.

1.04 QUALITY ASSURANCE

- A. Regulatory Requirements: Where metal lockers are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines for Buildings and Facilities" and ICC/ANSI A117.1.
- B. Source Limitations: Provide lockers and benches from a single manufacturer to ensure uniformity.



1.05 DELIVERY, STORAGE, AND HANDLING

- A. Store products in the manufacturer's unopened packaging until ready for installation to protect the locker finish and adjacent surfaces from damage.

1.06 WARRANTY

- A. Manufacturer's Standard Limited Lifetime Warranty against defective parts and workmanship, excluding vandalism and improper installation and use.

1.07 CONSTRUCTION REQUIREMENTS

- A. All lockers shall be powder-coated steel as designed and manufactured by Lockers Manufacturing. Lockers Manufacturing will furnish all labor and materials for the completion of work in this section, as shown in the approved drawings and specifications.

PART 2 - PRODUCTS

2.01 MANUFACTURER

- A. Lockers Manufacturing, located at 209 Pearson Steet, Batesville, MS 38606: Phone: 662-338-4340; Email: sales@lockersmfg.com; Website: www.lockersmfg.com.
- B. Request for substitutions will be evaluated only if they are submitted with supporting documents to show that they are equal to or better than these specification standards.

2.02 PERFORMANCE AND DESIGN REQUIREMENTS

- A. Lockers shall be GREENGUARD Gold Certified by UL Environment through the GREENGUARD Certification Program.
- B. Lockers shall be SCS Global Services Indoor Advantage Gold Certified through the SCS Indoor Advantage Certification Program.

2.03 MATERIAL

- A. Steel parts shall be mild cold-rolled commercial quality steel, capable of taking a high-grade enamel finish.

2.04 ALL-WELDED OPEN FRONT LOCKERS

- A. Basis of Design: Knockdown Heavy Duty Series by LockersMFG.
 - 1. Width:
 - 2. Depth:
 - 3. Height:
 - 4. Dimensions:
- B. Door Frames: Shall be 16-gauge (0.0598-inch) formed in a channel shape with continuous vertical door strike.
- C. Ventilation and Sides: All sides 20" or higher shall be perforated with diamond-shaped perforations. Optional solid sides. Optional 45-degree sides. Optional ventilation patterns available upon request. (Full louvers, standard louvers, mini louvers, solid, rectangular perforations).
- D. Body: Steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
 - 1. Bottoms: 16-gauge (0.0598-inch) sheet steel, notched and formed sheet; one continuous bottom for each group of lockers.
 - 2. Tops: 16-gauge (0.0598-inch) sheet steel, notched and formed sheet.
 - 3. Sides: 16-gauge (0.0598-inch) sheet steel.
 - 4. Backs: 18-gauge (0.0478-inch) sheet steel.
 - 5. Shelves: 16-gauge (0.0598-inch) sheet steel, flanged four sides with additional return flange on front edge to increase strength.
- I. Interior Equipment: Full-width shelf, coat rod, and two single prong hooks. Open Front Lockers shall be equipped with one full width shelf. The locker shall be equipped with two single-prong clothes hooks mounted on the locker back. In addition, a coat rod shall be provided for the full width of the locker.
 - 1. All hooks are zinc-plated steel with ballpoint heads and are attached with two fasteners.
 - 2. Security Box (option): Left side of shelf. Door shall be 14-gauge steel, punched for built-in lock or padlock. Lock hole cover with door pull shall be provided for padlock use. Hinges Shall be 16-gauge continuous and riveted to 16-gauge welded frame.
 - 3. Foot Locker (option): With a stainless-steel strike plate and have a tapered bottom flange for number plate mounting. The hinged seat/lid shall be 14-gauge (0.0747-inch) steel with right angle flanges on the rear and sides on which are mounted four rubber bumpers that bear on the support flanges of the bottom. The seat front shall be further reinforced with two 16-gauge (0.0598-inch) box channels running front to back of the underside of the lid. The seat/lid shall have a full width, continuous hinge riveted to the rear flange and welded to a 16-gauge channel-shaped hinge post attached to the locker back and sides. Two channel-shaped side fillers shall be mounted to the locker sides to provide supporting flanges along the sides of the seat/lid.
- J. Number Plates: Provide holes for attaching number plates. Each locker shall have a polished aluminum number plate riveted to door face with black numerals ½" high.

- K. Finish: All components shall have a hybrid epoxy/polyester powder, electrostatically applied to ensure a uniform finished and baked to cure.
1. Powder-coat dry thickness is a minimum 2 mm thick.
 2. Color: As selected by Architect from manufacturer's full range.
 3. Special Color/Finish
 - a. Custom color
 - b. Anti-Graffiti
 - c. Anti-Microbial

2.05 ACCESSORIES (Optional)

- A. Zee Bases for Knock Down Lockers: 14-gauge (0.0747-inch), steel flanged outward at the top for support of lockers, flanged inward at bottom for anchoring to the floor. 4" or 6" height available.
- B. Closed Bases: 18-gauge (0.0478-inch) closed metal front and end bases, finished to match lockers.
- C. Continuous Sloped Hoods: 18-gauge (0.0478-inch) steel, slope rise equal to 1/3 of the locker depth. (18.5 degrees), plus a 1" vertical rise at front. Provide necessary end closures and finish to match lockers.
- D. Exposed End Panels: Minimum 16-gauge (0.0598-inch) steel formed to match locker depth and height. Punched with perimeter holes only.
- E. Finished Box End Panels: Minimum 16-gauge (0.0598-inch) steel formed to match locker depth and height, 1" edge dimension; finish to match lockers; install with concealed fasteners.
- F. Front Fillers: 20-gauge (0.0359-inch) steel formed in an angle shape, with 20-gauge (0.0359-inch) slip joint angles formed in an angle shape with a double bend on one leg forming a pocket to provide adjustable mating with angle filler. Attachment utilizing concealed fasteners finish to match lockers.
- G. Top Fillers: 20-gauge (0.0359-inch) steel.
- H. Recess Trim: 18-gauge (0.0478-inch) steel, 3" face dimension. Vertical and/or horizontal as required. Standard lengths as long as practical; attaches to lockers with concealed clips. Provide necessary finish caps and splices. Finish to match lockers.
- I. Benches: Laminated selected hardwood, 1-1/4" full finished thickness, corners rounded and sanded, surfaces finished with two coats of clear lacquer.
- J. Heavy Duty Bench Pedestals: Steel tubing with 10-gauge (0.1345-inch) steel flanges welded to each end, 16-1/4" high, and finish to match lockers.

- K. Stainless-Steel Free-Standing Bench Pedestal: 2" diameter brushed 16-gauge (0.0598-inch) stainless steel formed into a trapezoid, 14" wide bottom with two 5/16" diameter holes, top flange with four 5/16" diameter holes for fastening to bench.
- L. Locks:
 - 1. Built-in flat key locks; master key same to series.
 - 2. Built-in grooved key Locks (pin tumbler); master key to same series.
 - 3. Built-in three number dialing combination locks capable of at least five different combinations changes; provide master key, combination change key, and combination control charts.
 - 4. Padlocks: Master keyed three number dialing combination type padlocks; provide master key. Mechanism must be resistant to "shimming."

2.06 FABRICATION

- A. Pre-assemble locker by riveting into one-piece structures welds free of burrs; maximum width of groups to be 54".
 - 1. Fabricate locker square, rigid, without warp, with metal faces and free of distortion.
 - 2. No nuts, bolts, or rivets shall be used in the assembly of locker groups.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Verify that base is level. Do not begin installation until the base has been properly prepared. If bases or substrates are unsatisfactory, notify Architect immediately before proceeding.
 - 1. Clean surfaces thoroughly prior to installation.

3.02 INSTALLATION

- A. Lockers shall be installed in compliance with Lockers Manufacturing installation instructions and shall be level and plumb with flush surfaces and rigid attachment to anchoring surfaces.
 - 1. Bolt adjoining locker units together to provide rigid installation.
 - 2. Assembly by bolting is acceptable, Lockers Manufacturing recommends assembly by riveting.
 - 3. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces.
 - 4. Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.
- B. Anchor lockers to floor and wall
 - 1. Anchor lockers to floor and wall at 48 inches or less, as recommended by the manufacturer.
- C. With factory supplied paint and repair or replace damaged products before substantial completion.



3.03 ADJUST AND CLEAN

- A. Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.
- B. Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.

3.04 PROTECTION

- A. Protect installed products until completion of project.

END OF SECTION

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/9/25

Company: G. DeVincentis & Son

Name: John Steed

Telephone Number: 6070723-9971

Fax Number: 607-723-9964

Contract(s) bidding on: Site

Drawing Referenced: ES-100

Spec Section Referenced: _____

Other References: Multiple Contract Summary 1.7A2g

Request: Contract Summary states LP Bases are in the Site Contract. Are the two relocated poles to have new bases or relocated bases? Drawing calls for 2'x2' bases. Are 2' diameter acceptable?

Who supplies the ABs? Typically they come with the new poles. If new ABs are required for the relocated poles who supplies them? Size of ABs? Who supplies conduit in the bases?

ANSWER: The two relocated poles shall have relocated bases. Pole bases shall match existing, whether 2' round or 2' square. Electrical contractor shall supply anchor bolts, conduit, and all required information necessary to Civil contractor to have light pole base fabricated. Typically a hole is provided in the base for conduits. Civil contractor shall be responsible to have them constructed and delivered.

Answered By: Rick Clift, Highland Associates

Date: 12-10-25

Reference 01 12 00 CONTRACT No. 1: Site Demolition and Construction
h. Site lighting bases

Electrical Contract has Exterior light poles, Site contract has light pole bases.

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/10/25

Company: G. DeVincentis & Son

Name: John Steed

Telephone Number: 6070723-9971

Fax Number: 607-723-9964

Contract(s) bidding on: Site

Drawing Referenced: C101 & CD003

Spec Section Referenced: _____

Other References: _____

Request: Note 1 on C101 states "planters shall match existing"

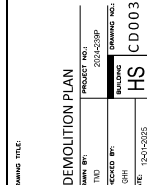
CD003 calls out removing and storing planters

Are we relocating the existing planters or furnishing new ones?

ANSWER: Callout on sheet CD003 changed to "Remove and Dispose of Planters" Revised plan sheet attached.

Answered By: 

Date: 2025.12.12



PROJECT TITLE: **Johnson City Central
School District
Johnson City, NY**

◆

**Capital Project 2025-2026
Phase 2**

HIGHLAND ASSOCIATES
architecture | engineering | interior design

102 Highland Avenue
Clark's Summit, PA 18411
670-566-4334
www.highlandassociates.com

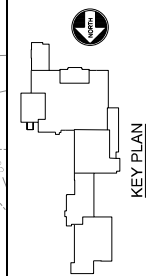
JULBERT Engineering
and Land Surveying, DPC

- CIVIL ENGINEERING
- LAND SURVEYING
- ENVIRONMENTAL ENGINEERING
- CONSTRUCTION MANAGEMENT

314 East Road
Burlington, New York 13025
Phone: 607/723-5799

[illegible]

CAPITAL PROJECTS



Issued for Bidding
December 1, 2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/10/25

Company: G. DeVincentis & Son

Name: John Steed

Telephone Number: 6070723-9971

Fax Number: 607-723-9964

Contract(s) bidding on: Site

Drawing Referenced: C100

Spec Section Referenced: _____

Other References: _____

Request: Drawing C100 references "See Arcitectural Drawings for Stairs Details"

Neither the Site Contract Summary nor the General Trades Contract Summary mentions the stairs

Whose responsibility are the stairs?

ANSWER: Stairs referenced on C100 at the south end of the pool building are by the
General Trades Contract

Answered By: David Gilmore

Date: 12/12/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/10/25

Company: G. DeVincentis & Son

Name: John Steed

Telephone Number: 6070723-9971

Fax Number: 607-723-9964

Contract(s) bidding on: Site

Drawing Referenced: C101

Spec Section Referenced: _____

Other References: _____

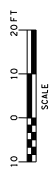
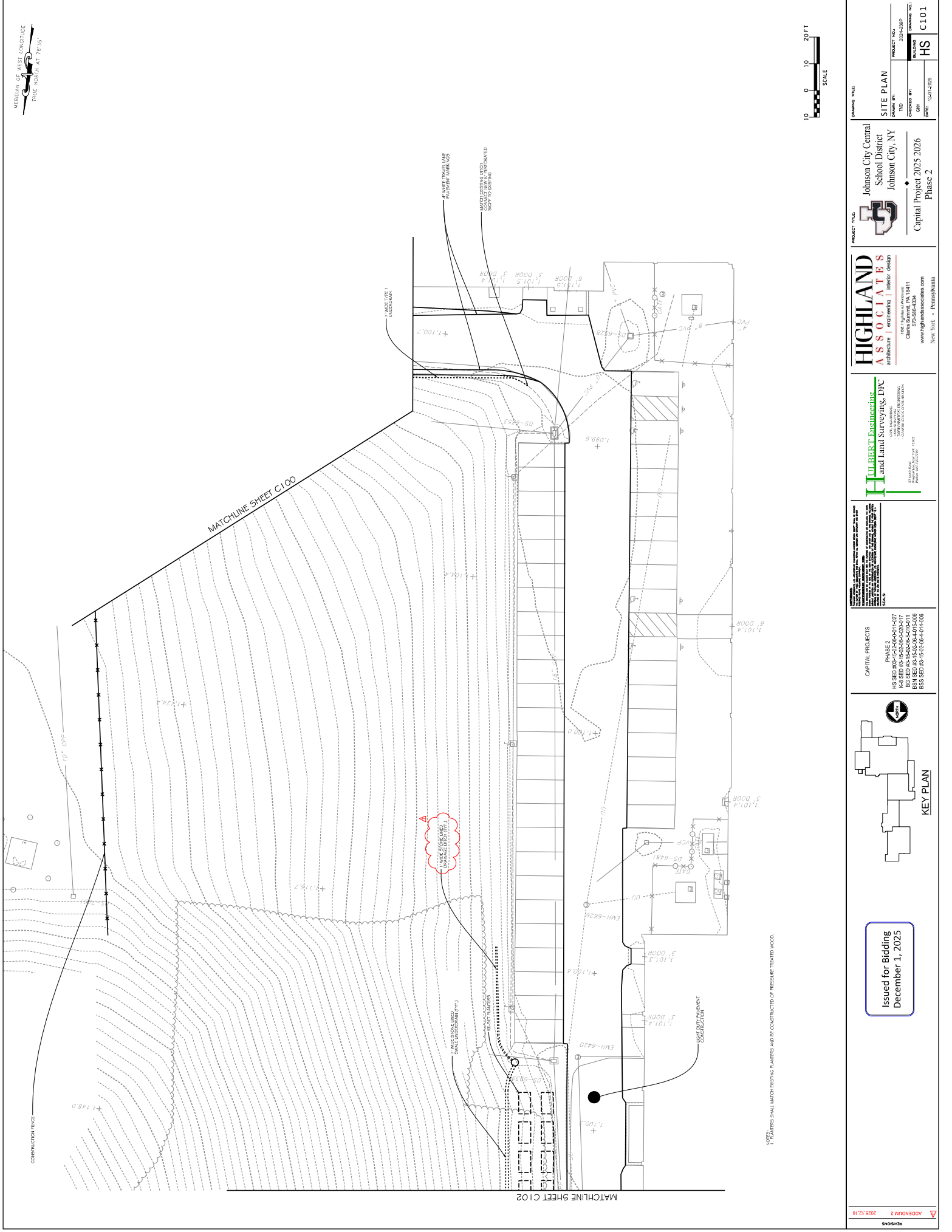
Request: Drawing C101 calls out a 0.5' (i.e. 6") wide Stone Lined Drainage Ditch

Is that dimension correct?

ANSWER: Change the ditch width to 1' to mach the other ditches. Updated C101 sheet attached.

Answered By: 

Date: 2025.12.12



REVISIONS

ADDITIONAL 2 2025.12.19

Issued for Bidding
December 1, 2025

KEY PLAN

CAPITAL PROJECTS

PHASE 2
HS SED #5-15-08-4-0014-007
K9 SED #5-15-08-4-0041-017
B6 SED #5-15-08-4-0041-011
B5 SED #5-15-08-4-0041-010
B8S SED #5-15-08-4-1408

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ANN ARBOR, MI 48106
PH: 734.769.7777
WWW.HILBERTASSOCIATES.COM

Johnson City Central
School District
Johnson City, NY

Capital Project 2025 2026
Phase 2

PROJECT TITLE

Johnson City Central
School District
Johnson City, NY

SITE PLAN

PROJECT NO.
2024-238P

CHECKED BY
JH

DATE
12-01-2025

DESIGNED BY
HS

C101

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/10/25

Company: G. DeVincentis & Son

Name: John Steed

Telephone Number: 6070723-9971

Fax Number: 607-723-9964

Contract(s) bidding on: Site

Drawing Referenced: C105

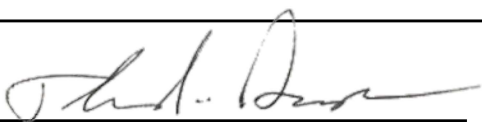
Spec Section Referenced: _____

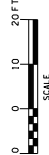
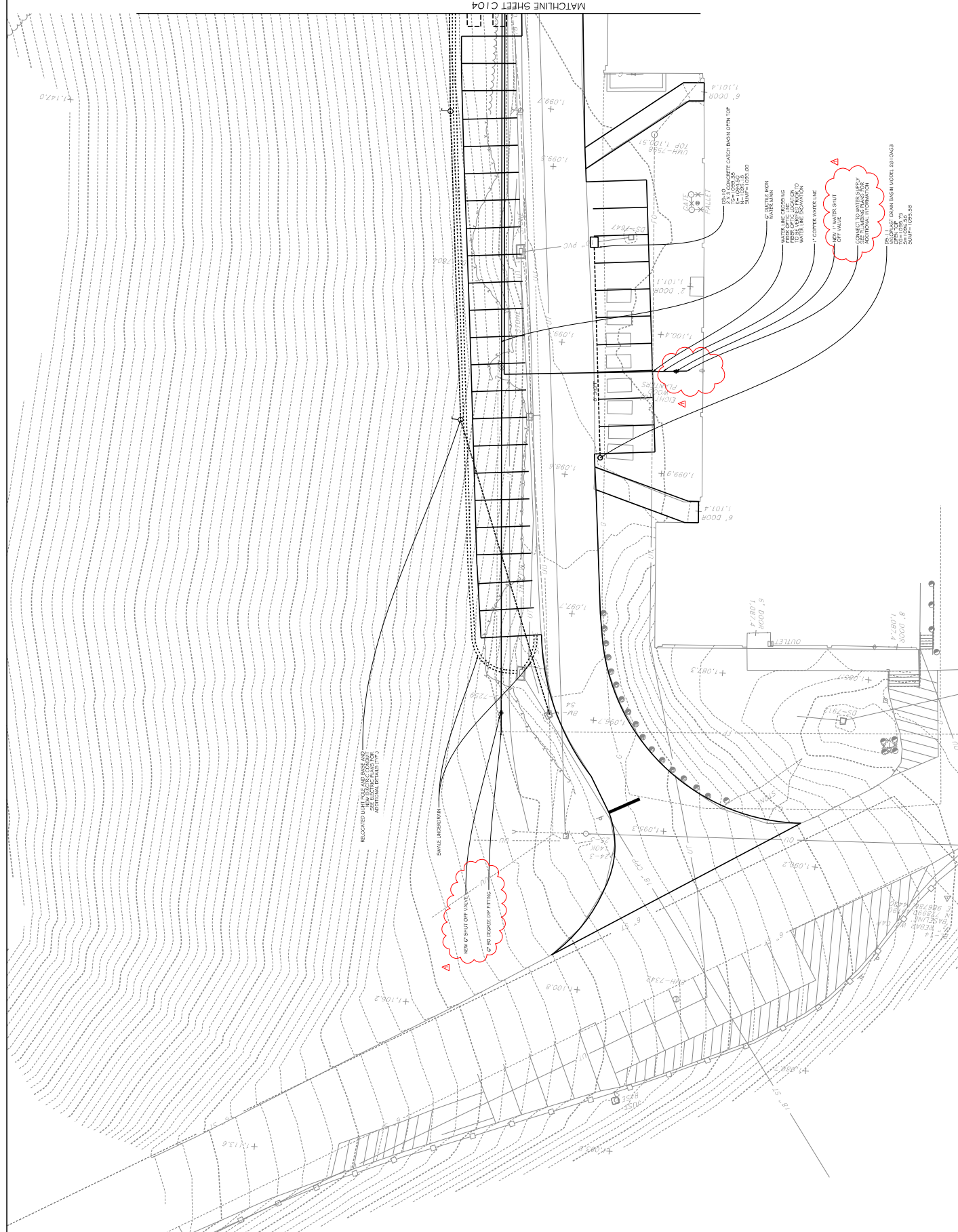
Other References: _____

Request: Please provide connection details to the sources for the 1" copper and 6" DIP

Are valves required at the point of connection?

ANSWER: Connect proposed 6" fire main to existing 6" fire main with a 6" elbow fitting and place a shut
off valve as shown on updated plan sheet C105. 1" copper line to to attach 5' from building. See plumbing
plans for attional details. Add 1" shut off valve as shown on updated plan sheet C105.,

Answered By:  **Date:** 2025.12.12



HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/10/25

Company: G. DeVincentis & Son

Name: John Steed

Telephone Number: 6070723-9971

Fax Number: 607-723-9964

Contract(s) bidding on: Site

Drawing Referenced: C116

Spec Section Referenced: _____

Other References: _____

Request: On Detail Sheet C116 a 12" Nyloplast Drain Basin is shown

The Part Number shown on that detail and on the Utility Drawings is for a 10" Basin.

Which is correct?

ANSWER: Nyloplast drain detail changed to remove specific model number. See plan sheets for model
number part numbers and locations. Updated C116 detail sheet attached.

Answered By: 

Date: 2025.12.12

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12-8-25

Company: Main Line Commercial Pools, Inc.

Name: Gavin Grimes

Telephone Number: 610-715-2664

Fax Number: n/a

Contract(s) bidding on: Contract 7 Aquatics

Drawing Referenced: n/a

Spec Section Referenced: 011200 Contract 7 Scope of Work

Other References: _____

Request: Please confirm demo and removal of existing swimming pool structure is by a different contractor? We are unable to locate the work in other 011200 scopes.

ANSWER: Demo of Pool is by General Trades Contractor

Demolition of the pool and pool building all elements complete
and selective demolition including all items required to be
demolished to receive new work and demolition of items not
required for future use and completion of systems and spaces is
by the General Trades Contractor.

Answered By: R. SMITH

Date: 12-12-2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING**Contractor Pre-Bid RFI Form****Section 00 22 14**

Please Type or Print Neatly

Date: 12-8-25Company: Main Line Commercial Pools, Inc.Name: Gavin GrimesTelephone Number: 610-715-2664Fax Number: n/aContract(s) bidding on: Contract 7 AquaticsDrawing Referenced: n/aSpec Section Referenced: 011200 Contract 7 Scope of Work

Other References: _____

Request: What elevation will be pool area be left at after the existing pool is removed?JC Pool Building Demolition Construction Scope

- _____ 1. GC provide opening in exterior pool building wall for demolition/construction access to existing pool building interior.
- _____ 2. GC drain pool
- _____ 3. GC provide drainage from pool to outside and infill pool with AASHTO #57 to bring pool to grade and use stone for working surface. Use of the existing pool drain is allowed if is accepted by local authorities. Determined as requested by contractor.
- ANSWER:** _____ 4. GC provide protection for small gym, offices and storage rooms side of existing pool building west 8" CMU wall – protect floors, walls and provide moisture and dust protection.
- _____ 5. GC demolish west 8" CMU wall and interior windows of pool building full height end to end – wall system is suspended CMU on lintels
- _____ 6. GC construct new 10" CMU wall. Provide temporary closure/protection/waterproofing at existing building roof edge connection to new 10" CMU wall. Temporarily insulate new 10" CMU wall with 2" thermax polyiso board and cover with Tyvek weather barrier. The thermax board has a foil face which would provide a vapor barrier. The 10" CMU wall will be an exterior wall during demolition and construction of the new pool building.
- _____ 7. GC demolish remainder of pool building and swimming pool and stone as required for new construction. After the demolition of the existing pool, excavation of the new pool will be by the
- Answered By:** _____ Aquatics Contractor.
- _____ 8. All Trades to construct and close in new pool building, remove temporary protection, weather barrier and insulation from adjacent spaces and 10" CMU wall.

David Gilmore

12/16/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12-8-25

Company: Main Line Commercial Pools, Inc.

Name: Gavin Grimes

Telephone Number: 610-715-2664

Fax Number: n/a

Contract(s) bidding on: Contract 7 Aquatics

Drawing Referenced: n/a

Spec Section Referenced: 011200 Contract 7 Scope of Work

Other References: _____

Request: Who is responsible for final electrical connections to new pool equipment?

ANSWER: REFER TO SPECIFICATION 13 11 00, 1.3, M.

All electrical connections for pool equipment shall be by the electrical contractor; the SPC shall provide the filter, pumps, motors, solenoids, relays, water level probes (with housing), motorized valves, etc., as shown on plans. All controls including starters, shall be provided and installed by electrical contractor; the electrical contractor shall install and wire all electrical equipment furnished by the SPC and shall provide all disconnect switches as indicated or required by code. Chemical feeders shall be electrically interlocked with filter pumps. _____

Answered By: R. SMITH

Date: 12-12-2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/8/25

Company: MJ's Contracting Services, Inc.

Name: Christopher Cleveland

Telephone Number: 315-202-4006

Fax Number: 315-202-4029

Contract(s) bidding on: GC (Abatement)

Drawing Referenced: _____


Spec Section Referenced: 028200

Other References: _____

Request: There are numerous references to PCBs in the environmental specification section, but no removals shown on the plans nor are there any PCB testing results in the survey provided.

There is also a PCB submittal requirement in the "Submission Review Chart" (Spec 028210). Please confirm this is a copy and paste issue and there are no PCB removals or requirements for this project.

ANSWER: Will include changes to specifications in Addendum #2.

Answered By: 

Date: 12/11/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING**Contractor Pre-Bid RFI Form****Section 00 22 14**

Please Type or Print Neatly

Date: 12/8/25Company: MJ's Contracting Services, Inc.Name: Christopher ClevelandTelephone Number: 315-202-4006Fax Number: 315-202-4029Contract(s) bidding on: GC (Abatement)

Drawing Referenced: _____

Spec Section Referenced: General Conditions - Subcontractor Overhead and Profit on Changes

Other References: _____

Request: The abatement work has been placed under the GC as opposed to a prime contract. This presents a problem in regards to any change order work that may come about. Abatement liability insurances are among the highest rates due to the nature of the work, and are in the 7-10% range for many companies. At these rates the 10% OH/P does not cover the costs to do the change order work when taking into account items that are actual overhead (insurances are tied to contract value and thus should not be overhead). Please advise if P/OH can be capped at 15% for subs, a line item for insurances allowed, or if the work can simply be refused in order for a subcontractor not to pay to do additional work.

ANSWER: _____

I have no recommended changes to the project documents and nothing to clarify
in an Addendum.

Answered By: Date: December 8, 2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/11/2025

Company: NELCORP Electrical Contracting Corp. Name: Phil Kasper

Telephone Number: 607-754-8428 Fax Number: 607-785-8783

Contract(s) bidding on: Electrical Construction

Drawing Referenced: E 102

Spec Section Referenced: _____

Other References: _____

Request: _____

On drawing E 102 note #2 for the pool equipment detail # 3. What type of conduit
will be required in this room. The electric panels and transformer are not speced 4X
Do we need to use a differant type of wire (XHHW)?

ANSWER: Renovation Keynote 2 indicates all equipment in pool equipment room shall be rated NEMA 4X.
(typically stainless steel enclosures). This would include the panels and transformer. Existing Panel PE-2 indicated
to be relocated on E-102 doesn't appear to be NEMA 4X and will need to be replaced. Acceptable conduit shall be
stainless steel, Schedule 80 PVC, rigid aluminum or fiberglass. Typical THHN/THWN wire is acceptable.

Answered By: Rick Clift, Highland Associates Date: 12-12-25

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/9/2025

Company: Southern Glass Service

Name: Jim

Telephone Number: 607-562-3029

Fax Number: 607-562-3104

Contract(s) bidding on: No. 2

Drawing Referenced: A-100 Maintenance Building

Spec Section Referenced: 085653

Other References: _____

Request: A-100 Note 15: Armortex Doesn't make a Fire Rated Window.

085653 Doesn't Call out Fire rated Windows. I don't Know of any Manufacture

That Makes a Bullet resistant Fire rated Window. Fyre-Tec 900 series Sliding

Window Can have Attack resistant glass installed in it (not bullet res.) Please Advise

ANSWER: New 4'-0" x 4'-0" 1 hour rated pass through sliding transaction window assembly as mfgr. By "Fyre-Tec" or equal. Series 900. Seal perimeter with tested fire sealant assembly. Provide writing shelf on visitor side.

Mailboxes are considered a through penetration through a rated wall assembly (kind of like a large electrical box) and referenced section 714.4 and section 714.4.1. Our mailboxes are steel and the unit's annular space would need to be protected with a "Hilti" tested fire sealant system to prevent the passage of fire or smoke. Our unit has sealed doors on visitor side.

Answered By: James Augustine

Date: 12/16/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/15/25

Company: Streeter Associates

Name: Nicholas Fabrizi

Telephone Number: 607-7344-151

Fax Number: _____

Contract(s) bidding on: GC

Drawing Referenced: _____

Spec Section Referenced: _____

Other References: Budgets

Request: 1. It was stated at the prebid meeting that budgets for this project will be added to addendum 1. I did not see these in there. Can you please provide the budgets for bonding purposes?

ANSWER: _____ Budgets are as follows: _____
 _____ Site \$1,300,000 _____
 _____ GC \$10,000,000 _____
 _____ HVAC \$2,800,000 _____
 _____ Plumb \$1,600,000 _____
 _____ Electrical \$1,900,000 _____
 _____ Roof \$600,000 _____
 _____ Aquatics \$1,800,000 _____
 _____ Food Service \$600,000 _____
 _____ Safe and Sec \$300,000 _____
 _____ Bus Wash \$400,000 _____
 _____ Athletic Flooring \$60,000 _____

Answered By: David Gilmore

Date: 12/16/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/15/25

Company: Streeter Associates

Name: Nicholas Fabrizi

Telephone Number: 607-7344-151

Fax Number: _____

Contract(s) bidding on: GC

Drawing Referenced: _____

Spec Section Referenced: 01 22 00 - UP

Other References: _____

Request: Spec 01 22 00, under schedule of unit prices, list B. Contract 2 Gen Trades
Demo and Construction - Abatement. With UP#1 being TBD. Please advise
If we will have any unit prices on this project.

ANSWER: Unit prices are provided in this Addendum 02 for Site Contractor.

Answered By: David Gilmore

Date: 12/16/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/15/25

Company: Streeter Associates

Name: Nicholas Fabrizi

Telephone Number: 607-734-4151

Fax Number: _____

Contract(s) bidding on: GC

Drawing Referenced: _____

Spec Section Referenced: _____

Other References: Bid Date

Request: Please provide at least a one week bid extension. With the holidays coming up
numerous people are taking time off of work. Numerous subcontractors and
suppliers are requesting an extension.

ANSWER: The District is not considering an extension at this time.

Answered By: David Gilmore

Date: 12/16/2025

HIGHLAND ASSOCIATES / HULBERT ENGINEERING

Contractor Pre-Bid RFI Form

Section 00 22 14

Please Type or Print Neatly

Date: 12/10/2025

Company: World Dryer Corporation **Name:** Christopher Pullen

Telephone Number: (847) 350-3270 **Fax Number:**

Contract(s) bidding on: 2025-2026 Johnson City CSD Capital Improvements Phase 2

Drawing Referenced: Drawing HS-A-506

Spec Section Referenced: Toilet Accessory Schedule

Other References: Mark = A Hand Dryer - Bobrick B-7128

Request: Are substitution requests being accepted for electric hand dryers?

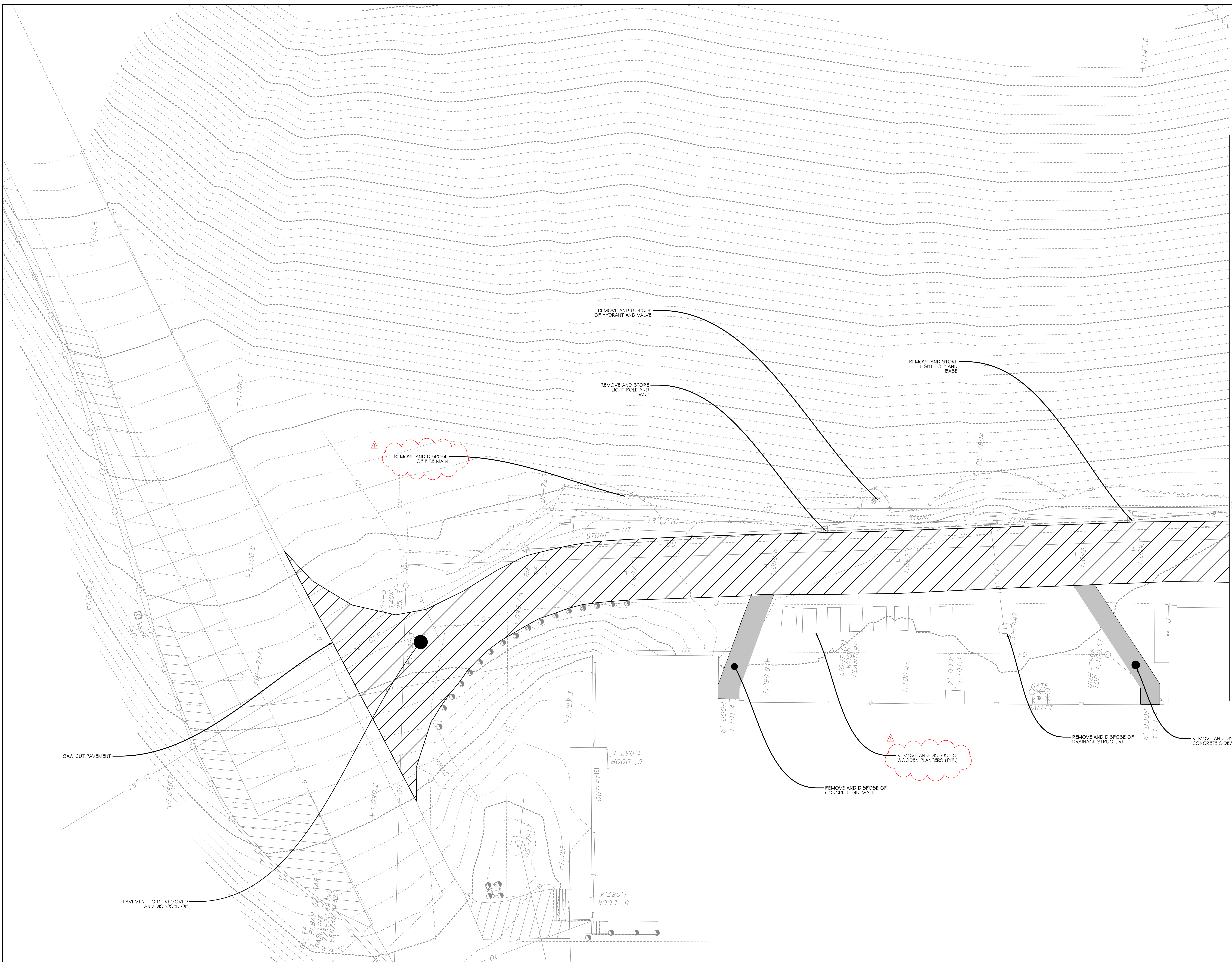
If so, is there a specific form that should be utilized? Is CSI form 1.5C acceptable?

We have a World Dryer model that offers superior features at a lower cost.

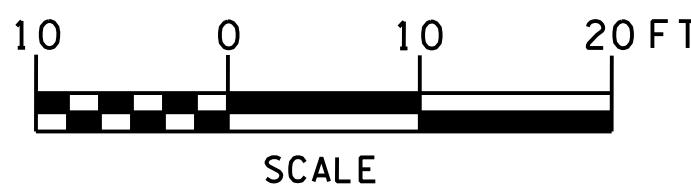
Let me know if you are willing to consider. Thank you for your guidance.

ANSWER: DISTRICT WOULD PREFER TO KEEP THE BOBRICK HAND DRYERS AS SPECIFIED.

Answered By: Emily Vail (Highland Associates) **Date:** 12/16/2025

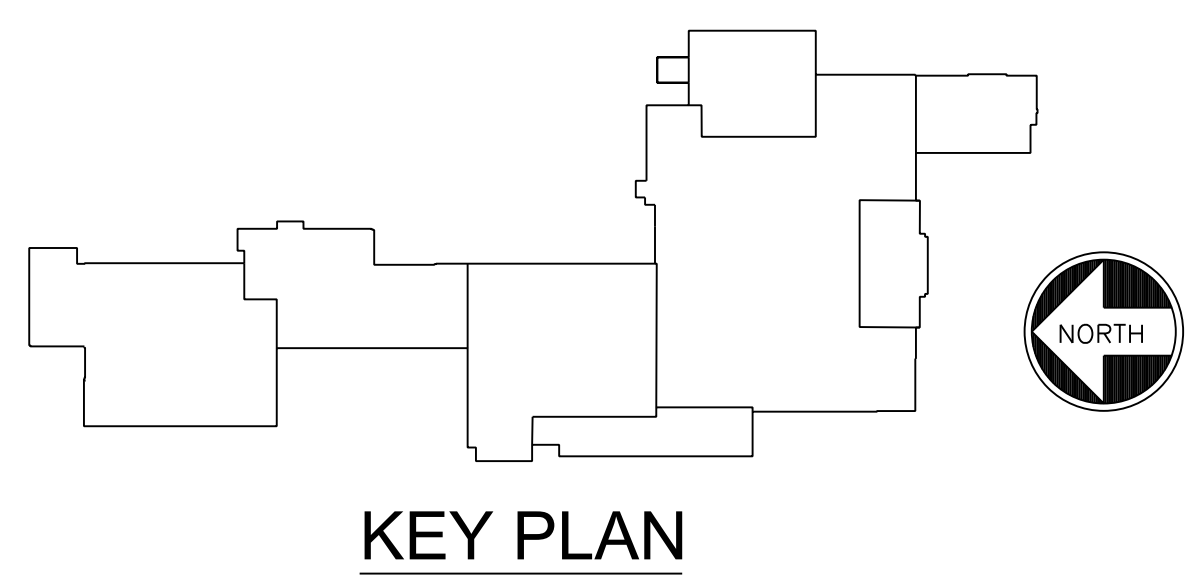


MATCHLINE SHEET CD002



REVISIONS
ADDENDUM 2 2025.12.16

Issued for Bidding
December 1, 2025



CAPITAL PROJECTS
PHASE 2
HS SED #03-15-02-06-0-011-027
K-8 SED #3-15-02-06-0-020-017
BG SED #3-15-02-06-5-010-011
BSN SED #3-15-02-06-4-015-006
BSS SED #3-15-02-06-4-014-006

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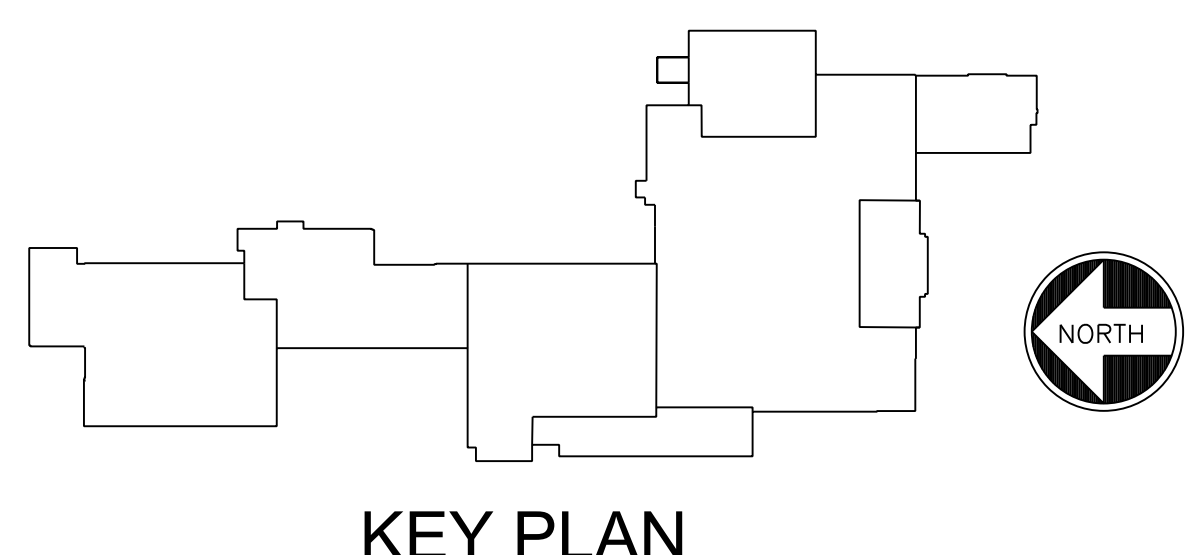
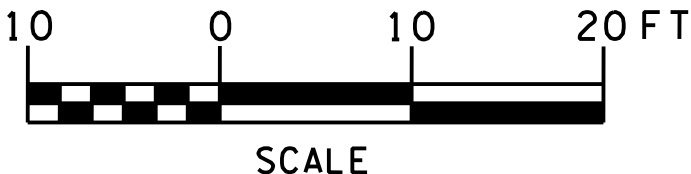
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New York • Pennsylvania

PROJECT TITLE:
Johnson City Central School District
Johnson City, NY
Capital Project 2025 2026
Phase 2

DRAWING TITLE: DEMOLITION PLAN	DRAWN BY: TMD	PROJECT NO.: 2024-239P
CHECKED BY: GHH	BUILDING HS	DRAWING NO.: CD003
DATE: 12-01-2025		



NOTES:
1. PLANTERS SHALL MATCH EXISTING PLANTERS AND BE CONSTRUCTED OF PRESSURE TREATED WOOD.



CAPITAL PROJECTS
PHASE 2
HS SED #03-15-02-06-0-011-027
K-8 SED #3-15-02-06-0-020-017
BG SED #3-15-02-06-5-010-011
BSN SED #3-15-02-06-4-015-006
BSS SED #3-15-02-06-4-014-006

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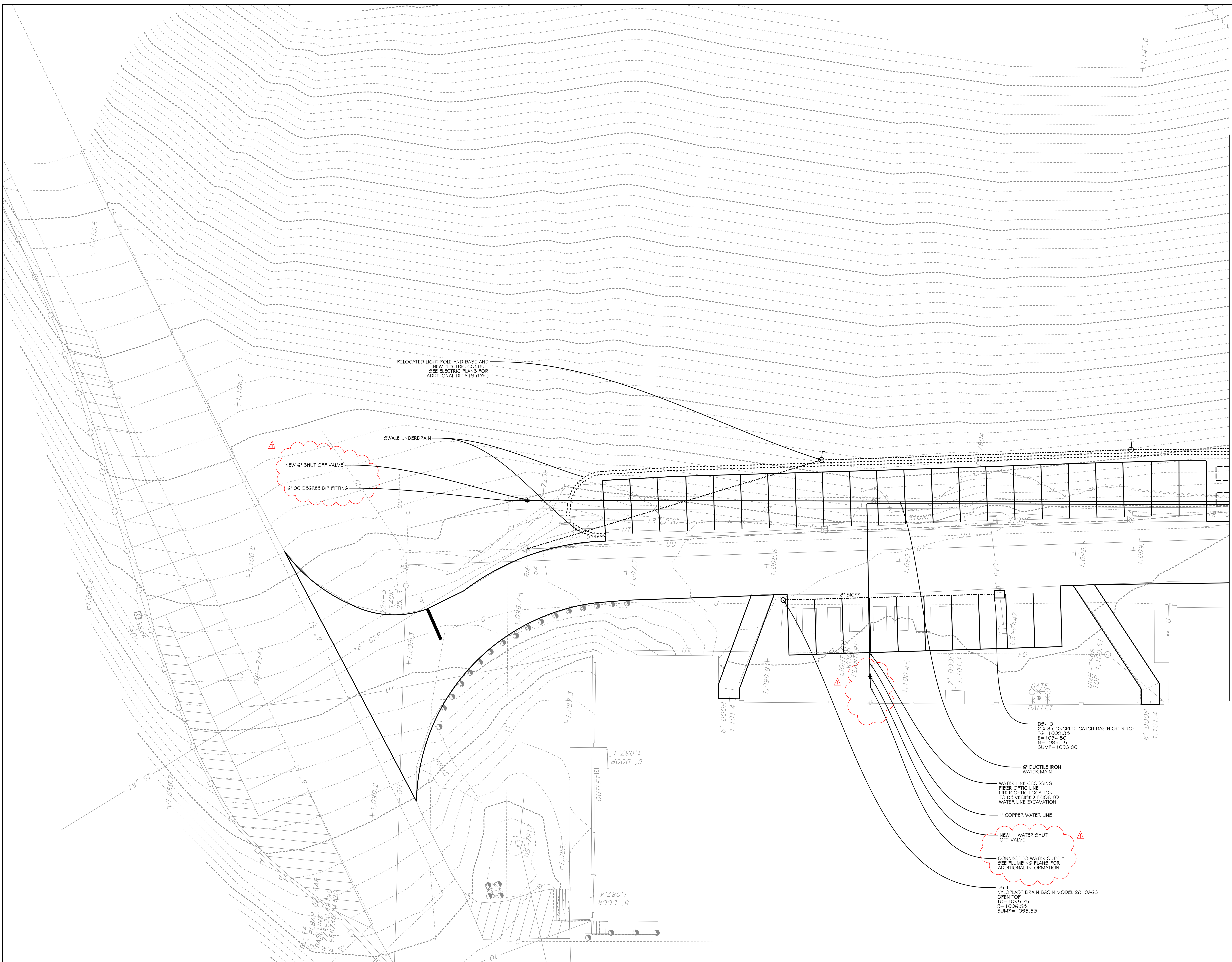
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PROJECT TITLE:
Johnson City Central School District
Johnson City, NY
Capital Project 2025 2026
Phase 2

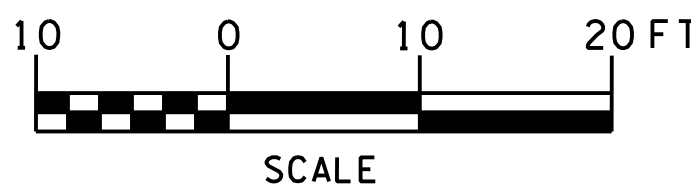
DRAWING TITLE:		PROJECT NO.:	
SITE PLAN		2024-239P	
DRAWN BY:	TMD	CHECKED BY:	GHH
DATE:	12-01-2025	BUILDING	HS
		DRAWING NO.:	C101

REVISIONS
ADDENDUM 2
2025-12-16

Issued for Bidding
December 1, 2025

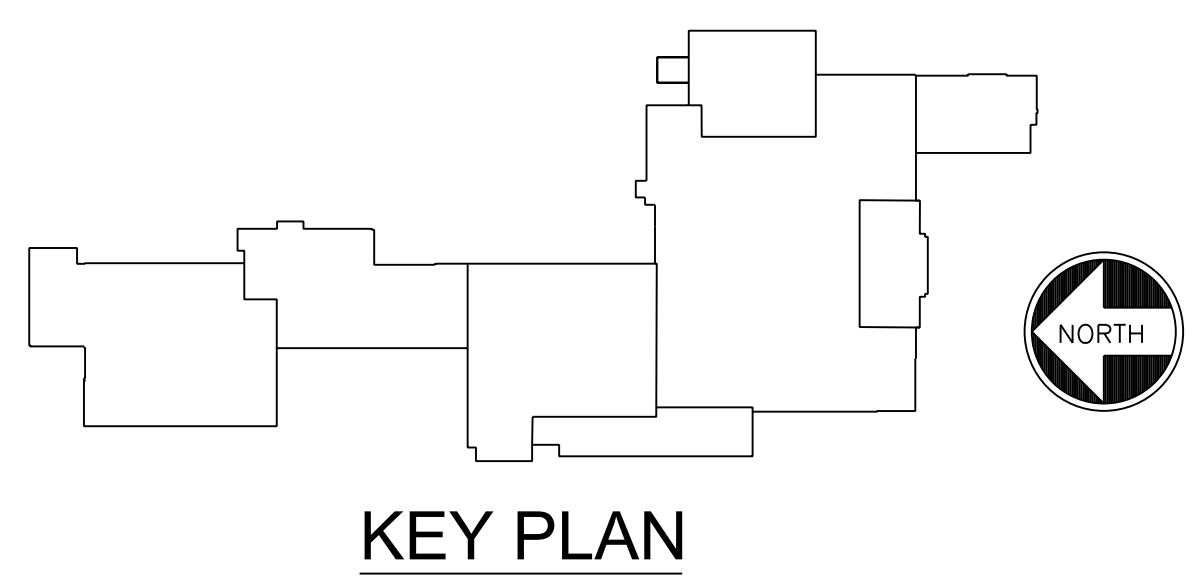


MATCHLINE SHEET C104



REVISIONS
2025.12.16
ADDENDUM 2

Issued for Bidding
December 1, 2025



CAPITAL PROJECTS
PHASE 2
HS SED #03-15-02-06-0-011-027
K-8 SED #3-15-02-06-0-020-017
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Birmingham, New York 13905
Phone: 607.725.0799

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New York • Pennsylvania

PROJECT TITLE:
Johnson City Central School District Johnson City, NY
Capital Project 2025 2026 Phase 2

DRAWING TITLE: UTILITY PLAN			
DRAWN BY: TMD	PROJECT NO.: 2024-239P		
CHECKED BY: GHH	BUILDING HS	DRAWING NO.: C105	
DATE: 12-01-2025			

Issued for Bidding
December 1, 2025

KEY PLAN

CAPITAL PROJECTS

PHASE 2
HS SED #03-15-02-06-0-011-027
K-8 SED #3-15-02-06-0-020-017
BG SED #3-15-02-06-5-010-011
BSN SED #3-15-02-06-4-015-006
BSS SED #3-15-02-06-4-014-006



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PROJECT TITLE:
Johnson City Central
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Phase 2

DRAWING TITLE:

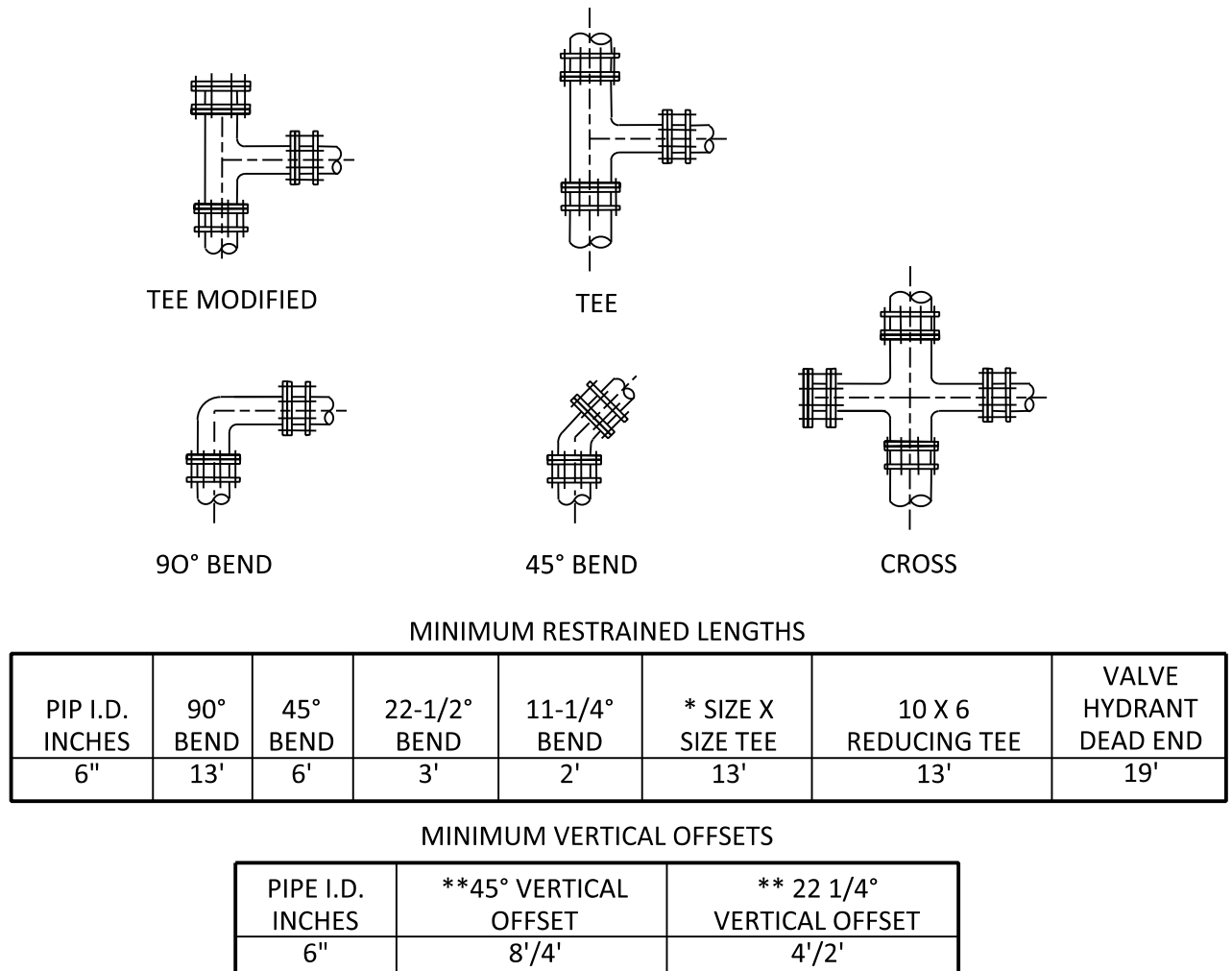
DETAILS

DRAWN BY:
TMD
2024-239P
CHECKED BY:
GHH
DATE:
12-01-2025
PROJECT NO.:
2024-239P
DRAWING NO.:
HS
C116

TEES ARE TO BE CONSIDERED AS 90° BENDS. THE AREAS REFERRED TO ABOVE ARE THE CROSS SECTIONAL AREAS OF THE CONCRETE REACTION BLOCKS WHERE THE CONCRETE COMES IN CONTACT WITH THE SOLID AND UNDISTURBED TRENCH WALL.

NOTES:
1. ALL CONCRETE SHALL BE TRANSIT MIX CAST-IN-PLACE UNLESS OTHERWISE APPROVED.
2. ALL THRUST BLOCKS SHALL BE 3,000 PSI CONCRETE (ITEM 32301) UNIFORMLY MIXED BEFORE PLACING ON UNDISTURBED EARTH AS SHOWN ON DETAILS.
3. THE THRUST BLOCKS SHOWN FOR TEES SHALL ALSO BE USED FOR PLUGGED ENDS.
4. AT REMOVABLE PLUGS ON WATER SERVICE BRANCHES, A SHEET POLYETHYLENE BOND BREAK SHALL BE UTILIZED BETWEEN THE REMOVABLE PLUG AND ANY CONCRETE THRUST BLOCK REQUIRED.
5. WHERE THRUST BLOCKS ARE LOCATED IN FILL EARTH, IN ADDITION TO THE BLOCKING, THE CONTRACTOR SHALL USE RODDING AS A TEMPORARY MEANS OF RESTRAINING WATER LINE. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL, WITH DETAILS OF THE RODDING SYSTEM TO BE USED FOR EACH PARTICULAR CASE.
6. ABOVE THRUST BLOCK AREAS ARE MINIMUM REQUIREMENTS. LARGER AREAS MAY BE REQUIRED IN LESS SUITABLE SOILS.

WATER MAIN THRUST BLOCK AND CONNECTION DETAILS

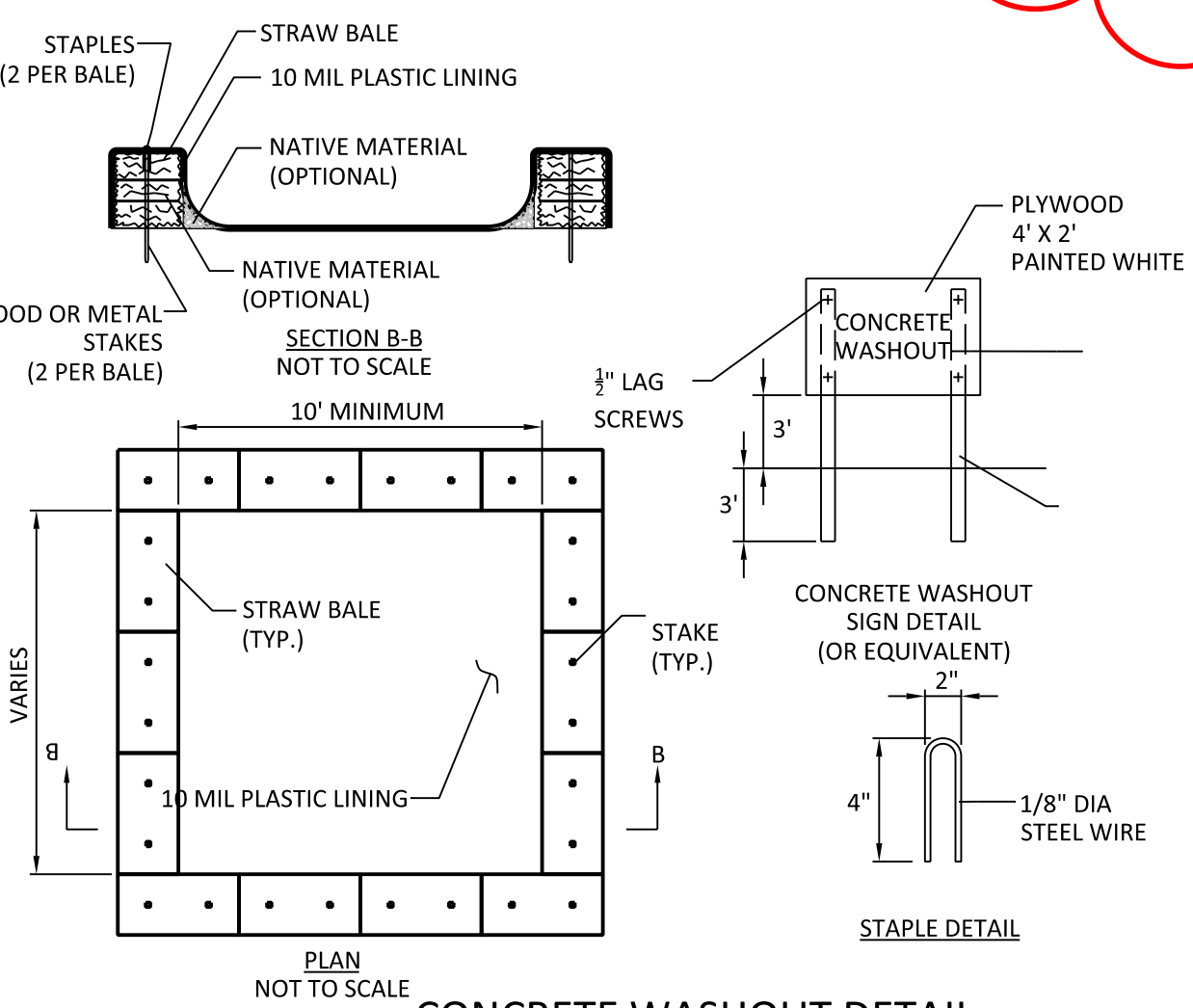


* RESTRAINED LENGTHS FOR TEES ARE FOR THE BRANCH OUTLET AND ASSUME A MINIMUM ATTACHED LENGTH OF PIPE OF 10' ON EACH SIDE OF THE RUN. RESTRAINT DEVICES SHALL ALSO BE INSTALLED ON BOTH RUN JOINTS OF THE TEE ITSELF.

** FIRST NUMBER IS THE LENGTH HIGH SIDE (LHS) OR MINIMUM RESTRAINED LENGTH ON EACH SIDE OF THE DOWN BENDS. SECOND NUMBER IS LENGTH LOW SIDE (LLS) OR MINIMUM RESTRAINED LENGTH ON EACH SIDE OF THE UP BENDS.

NOTE:
ANY JOINTS THAT FALL WITHIN THE ABOVE MINIMUM LENGTHS SHALL BE RESTRAINED ON BOTH SIDES OF BENDS, ON THE BRANCH OUTLETS OF TEES, AND BEFORE REDUCERS OR DEAD ENDS.

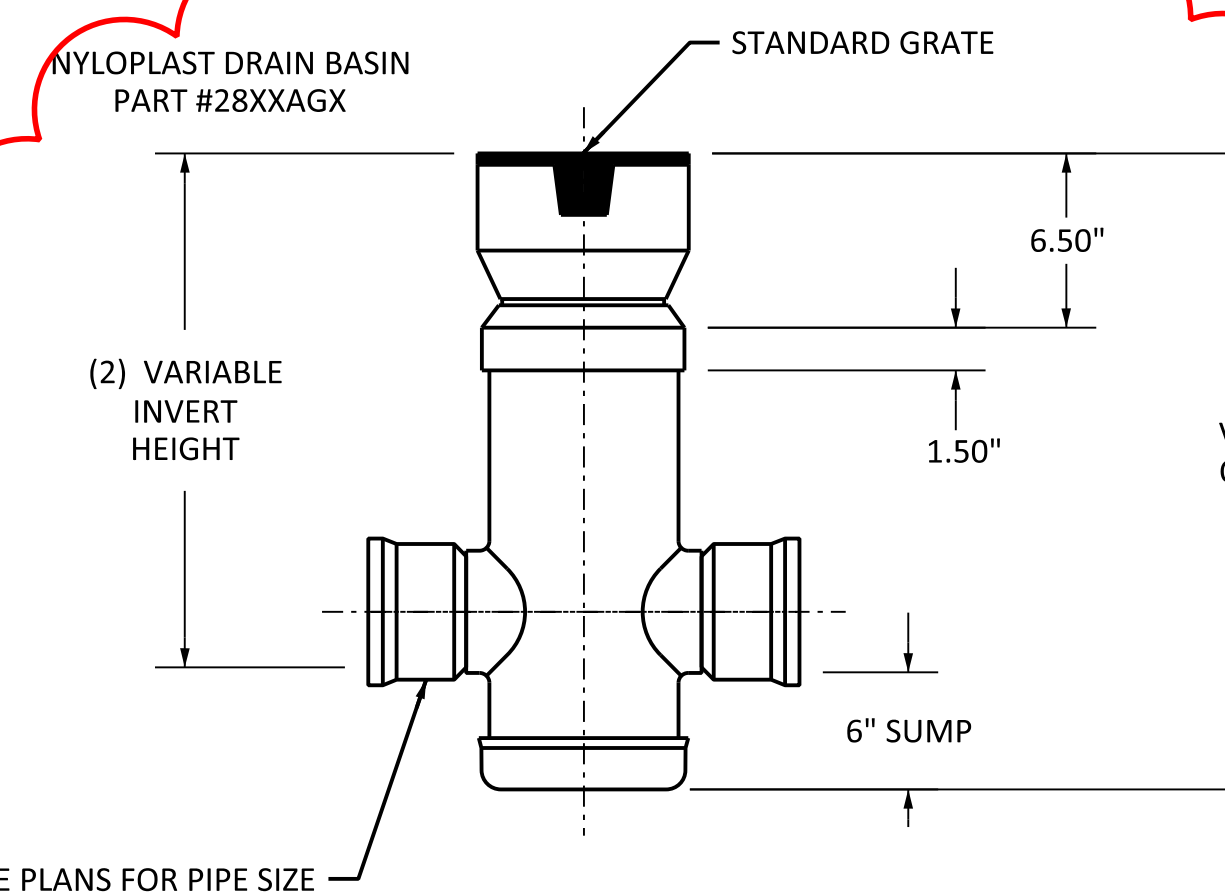
WATER MAIN THRUST RESTRAINT AND CONNECTION DETAILS



CONCRETE WASHOUT DETAIL

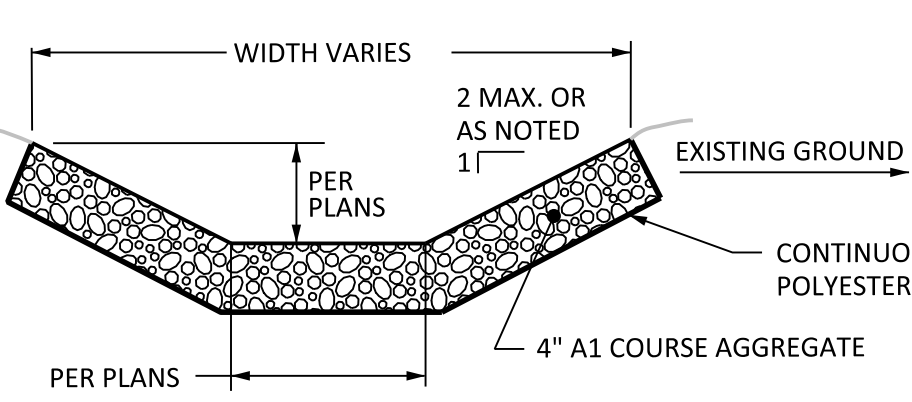
NOT TO SCALE

SWALE UNDERDRAIN



12" CUSTOM DRAIN BASIN

NOTE: SEE PLANS FOR PART NUMBER USED



STONE LINED DRAINAGE SWALE DETAIL

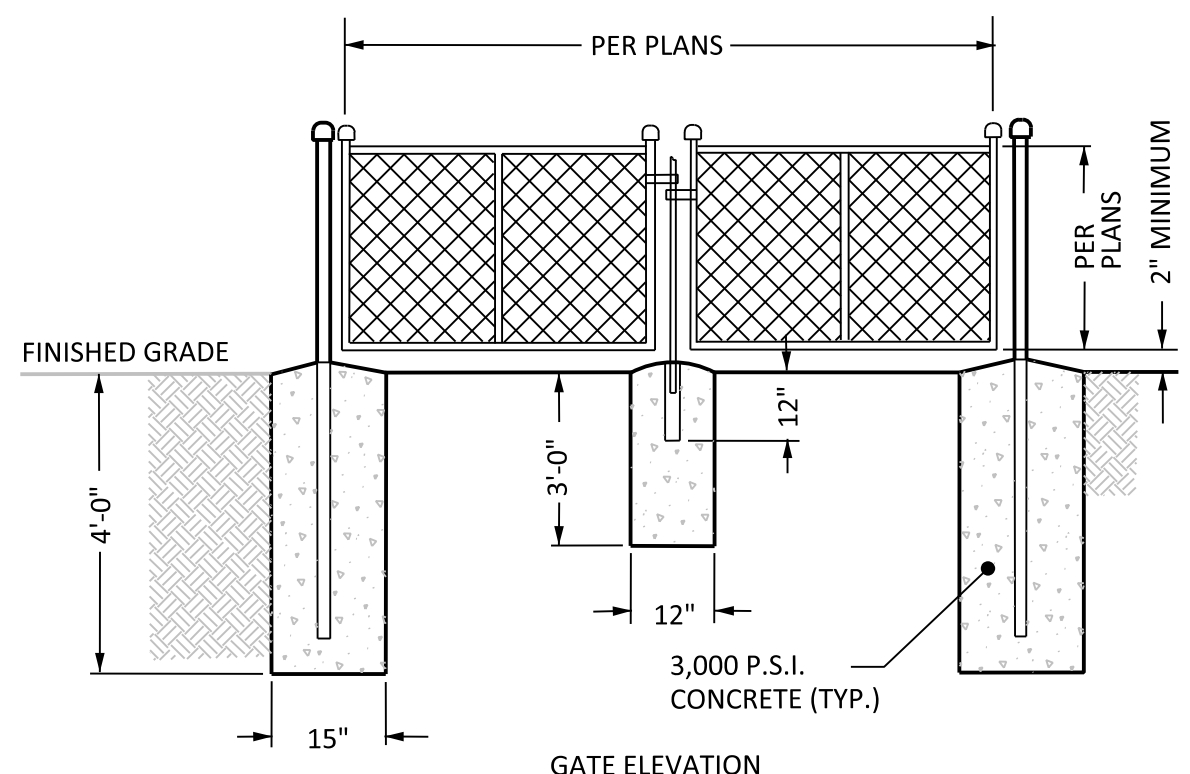
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4" O.D. GATE POSTS.

2" O.D. PERIMETER FRAMING POSTS.

1 1/2" O.D. INTERIOR FRAMING.

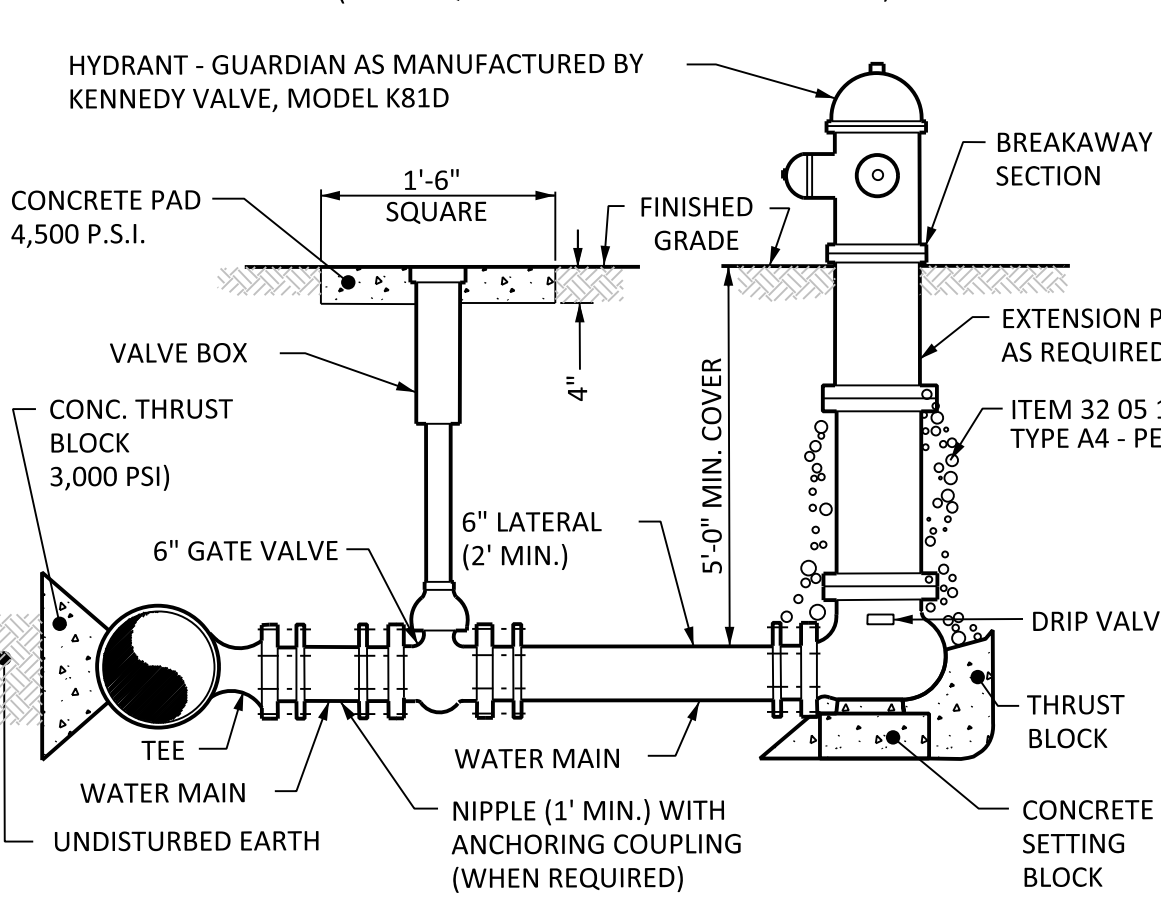
IRON FORK TYPE LATCH WITH DROP BAR AND PROVISION FOR PADLOCK. 2" O.D. GALVANIZED PIPE GROUND SLEEVE.



CHAIN LINK FENCE GATE DETAIL

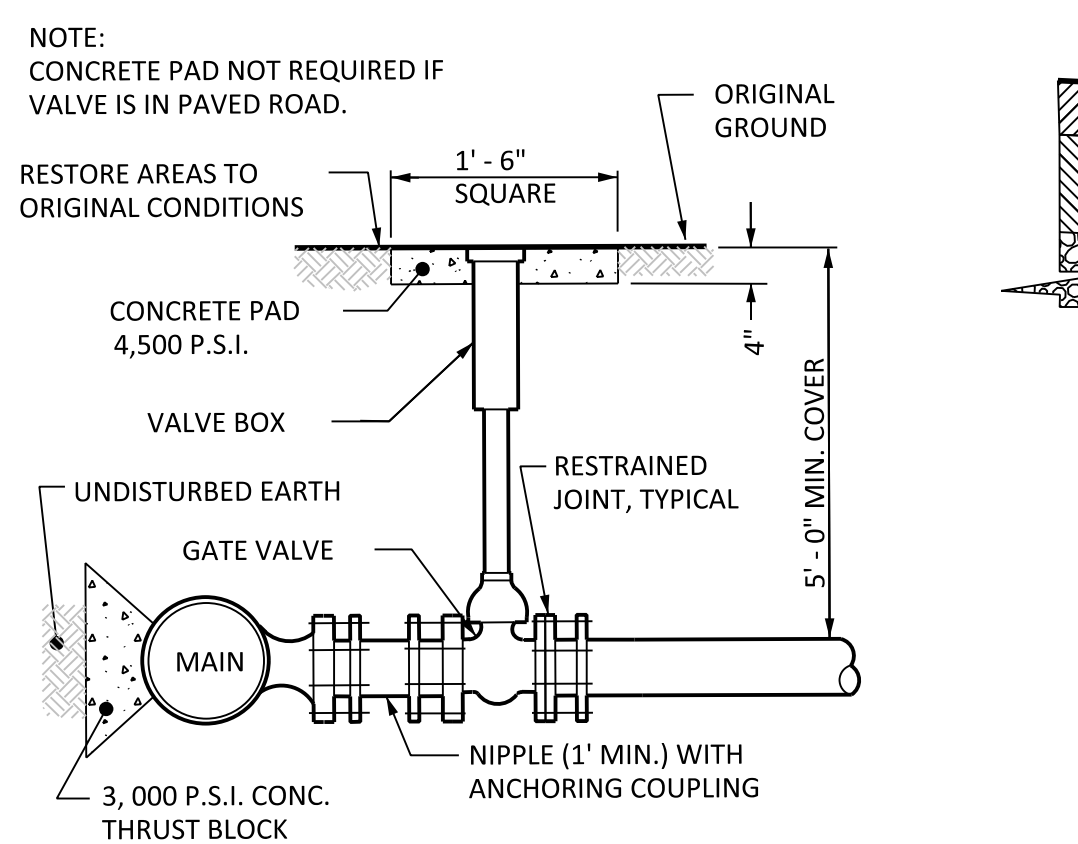
NOT TO SCALE

NOTE:
ITEM 33 12 19 - HYDRANT ASSEMBLY COMPLETE INCLUDES:
1. 6" GATE VALVE AND VALVE BOX
2. TEE (SIZE TO SUIT MAIN DIAMETER)
3. ANCHOR COUPLINGS & TIE RODS
4. HYDRANT (BURNISH HYDRANT INCLUDES THIS ITEM ONLY)
5. GRAVEL DRAIN MATERIAL
6. CONCRETE PAD (NOT REQUIRED IF VALVE IS IN PAVED ROAD)



HYDRANT ASSEMBLY DETAIL

NOT TO SCALE

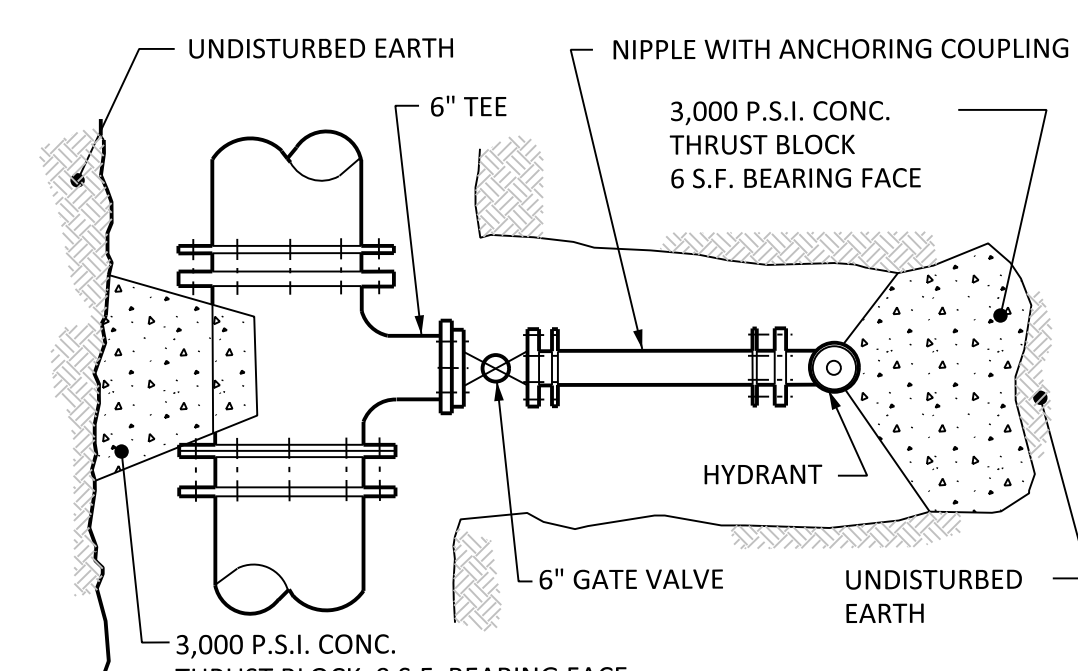


TYPICAL VALVE TIE DETAIL

NOT TO SCALE

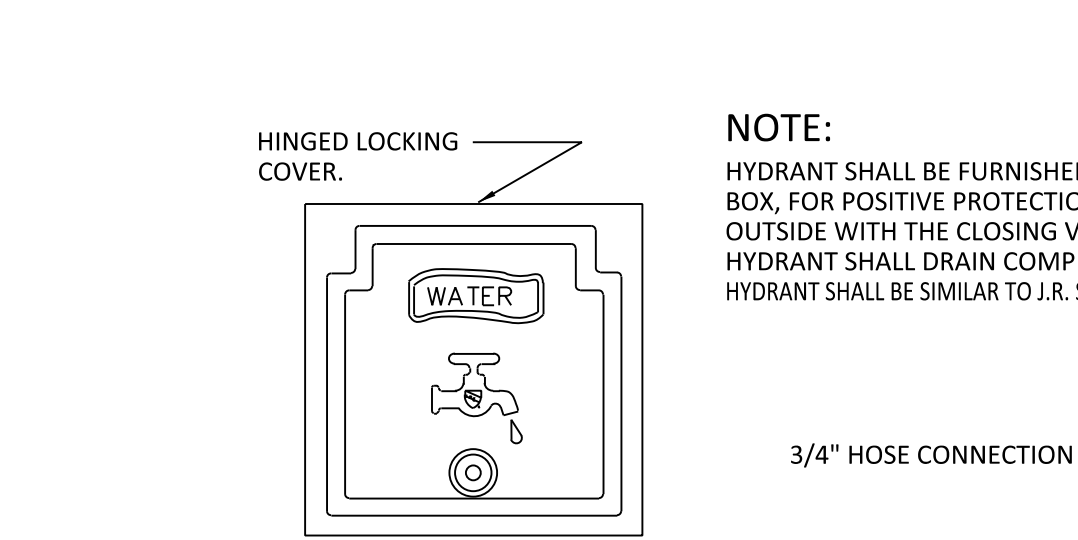
TYPE 1 UNDERDRAIN DETAIL

NOT TO SCALE



HYDRANT SETTING DETAIL

NOT TO SCALE

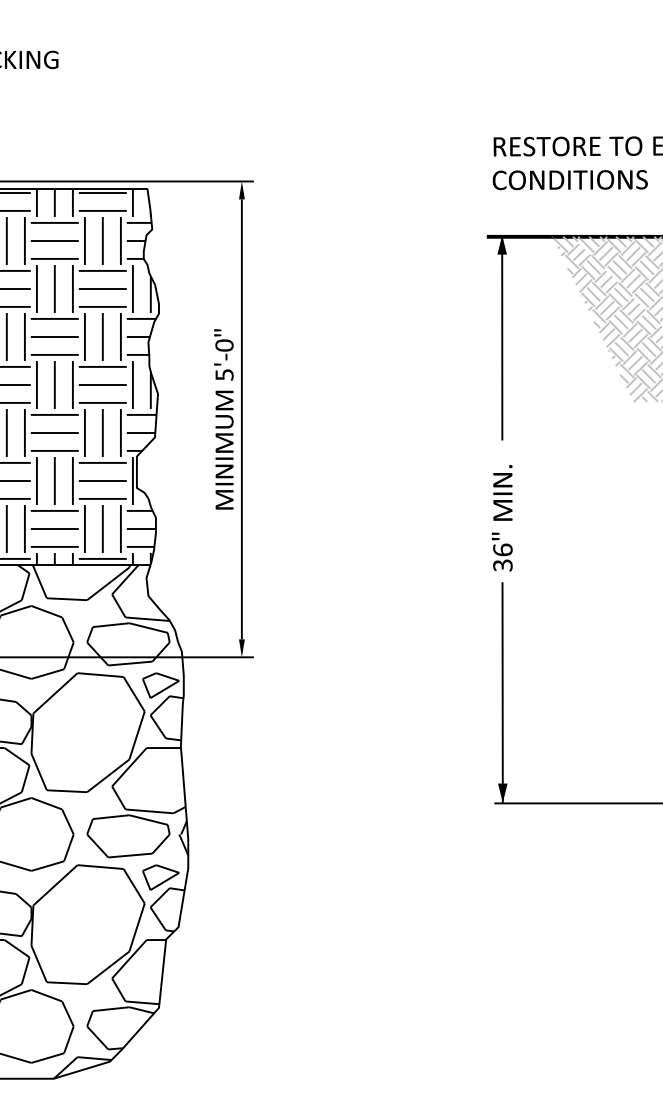


FENCE POST DETAIL

NOT TO SCALE

HANDICAPPED PARKING DETAIL

NOT TO SCALE

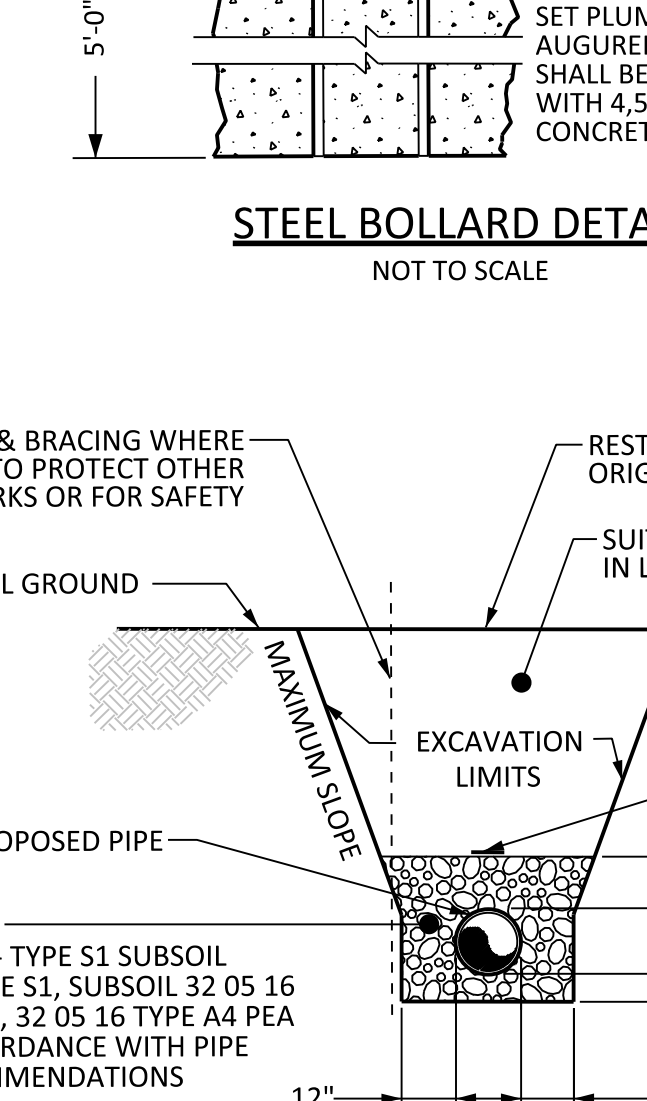


CONDUIT EXCAVATION & BACKFILL DETAIL

NOT TO SCALE

CONCRETE SIDEWALK DETAIL

NOT TO SCALE

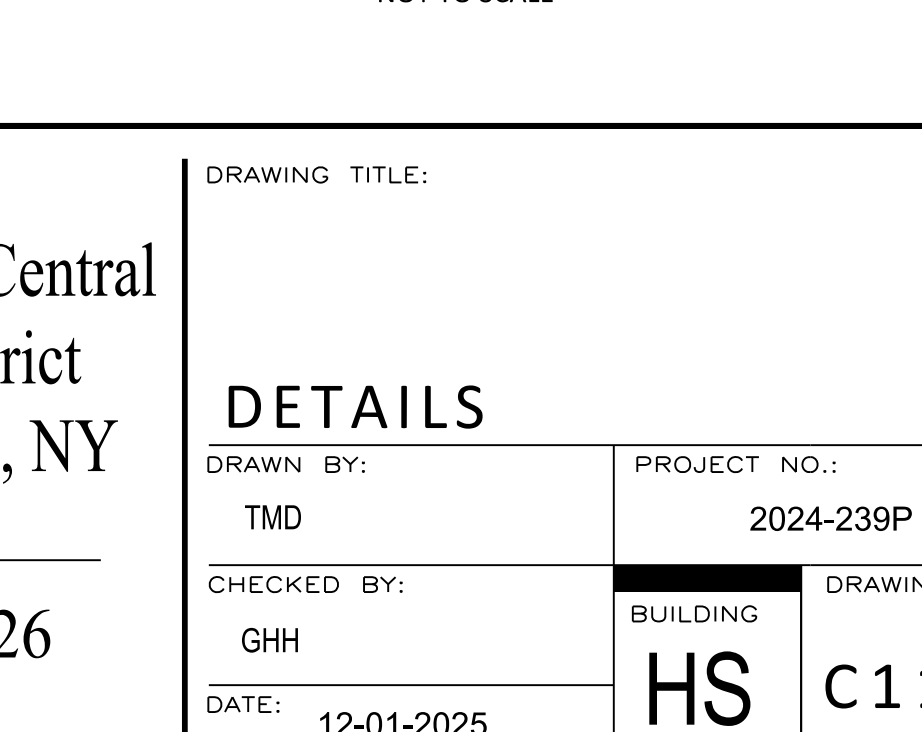


PIPE BEDDING AND TRENCH DETAIL

NOT TO SCALE

LIGHT DUTY PAVEMENT CONSTRUCTION DETAIL

NOT TO SCALE



NOT TO SCALE