

USD 320- HIGH SCHOOL IMPROVEMENTS

801 LINCOLN AVENUE, WAMEGO, KS 66547

PRICING DRAWINGS

Owner:

USD 320 SCHOOL DISTRICT
1008 8TH STREET
WAMEGO, KS 66547

ARCHITECT:

BBN ARCHITECTS, INC.
228 POYNTZ AVE.
MANHATTAN, KS 66502
TELEPHONE: (785) 776-4912

MEP ENGINEER:

ORAZEM & SCALORA ENGINEERING, P.A.
2312 ANDERSON AVE.
MANHATTAN, KS 66502

STRUCTURAL ENGINEER:

DUDLEY WILLIAMS AND ASSOCIATES, P.A.
230 S. LAURA SUITE #200
WICHITA, KS 67211

PROJECT DESCRIPTION:

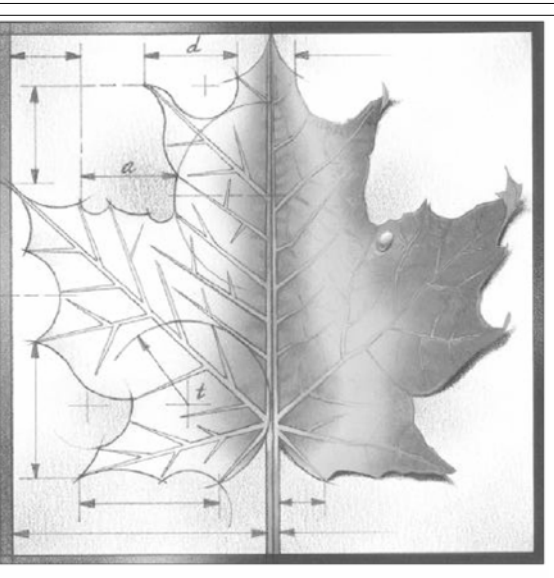
RENOVATION TO EXISTING LOCKER ROOMS IN LOWER GYM, NEW LOCKER ROOMS IN EXISTING WEIGHT ROOM LOCATION, RENOVATION TO FAMILY AND CONSUMER SCIENCE CLASSROOM, ADDITION OF AUTOMATIC VOLLEYBALL NETS IN UPPER GYM, RENOVATION OF PUBLIC RESTROOMS.

INDEX TO DRAWINGS:

| | |
|--------|----------------------------------|
| T101 | COVER SHEET |
| S101 | EXISTING CLOCKER ROOM PLAN |
| S102 | NEW LOCKER ROOM PLAN |
| S103 | FACS FLOOR PLAN |
| S104 | UPPER GYM FACING DETAILS |
| S201 | STRUCTURAL NOTES AND SCHEDULES |
| S301 | SECTIONS AND DETAILS |
| G101 | GENERAL INFORMATION |
| D103 | DEMO PLAN- EXISTING LOCKER ROOMS |
| D104 | DEMO PLAN- NEW LOCKER ROOMS |
| D105 | DEMO PLAN- FACS ROOM |
| D106 | DEMO PLAN- RESTROOMS |
| A101 | UPPER GYMNASIUM |
| A103 | EXISTING LOCKER ROOMS |
| A104 | NEW LOCKER ROOMS |
| A105 | FACS FIRST FLOOR |
| A106 | FACS SECOND FLOOR |
| A120 | CEILING PLAN EXISTING LOCKERS |
| A121 | CEILING PLAN NEW LOCKER ROOMS |
| A122 | CEILING PLAN FACS ROOM |
| A123 | REFLECTED CEILING PLANS |
| A200 | EXTERIOR ELEVATIONS |
| A202 | INTERIOR ELEVATIONS |
| A203 | INTERIOR ELEVATIONS |
| A204 | INTERIOR ELEVATIONS |
| A205 | INTERIOR ELEVATIONS |
| A206 | INTERIOR ELEVATIONS |
| A207 | INTERIOR ELEVATIONS |
| A208 | INTERIOR ELEVATIONS |
| A301 | BUILDING SECTIONS |
| A501 | DETAILS |
| A601 | FINISH SCHEDULE |
| A701 | DOOR SCHEDULE |
| ME000 | KEY PLANS |
| ME001 | FACS ROOM MEP DEMOLITION PLANS |
| ME002 | LOCKER ROOM MEP DEMOLITION PLANS |
| ME100 | MEP ROOF PLAN |
| M101 | FACS ROOM MECHANICAL PLANS |
| M102 | LOCKER ROOM MECHANICAL PLAN |
| M103 | MECHANICAL DETAILS |
| M104 | MECHANICAL DETAILS & SCHEDULES |
| E101 | FACS ROOM ELECTRICAL PLANS |
| E102 | LOCKER ROOM ELECTRICAL PLANS |
| E103 | 2ND FLOOR ELECTRICAL PLAN |
| E104 | ELECTRICAL DETAILS & SCHEDULES |
| P101 | FACS ROOM PLUMBING PLANS |
| P102 | LOCKER ROOM PLUMBING PLANS |
| P103 | PLUMBING DETAILS & SCHEDULES |
| FS1.01 | FACS EQUIPMENT PLAN |

GENERAL NOTES

- GENERAL NOTES APPLY TO ALL ARCHITECTURAL DRAWINGS & DETAILS.
- ALL WORK SHALL CONFORM WITH APPLICABLE BUILDING CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
- DESIGN DOCUMENTS HAVE BEEN PREPARED DESCRIBING GENERAL REQUIREMENTS FOR WORK AT THE EXISTING SITE. IDENTIFICATION OF EXISTING CONDITIONS, SHOWN ON THE PLANS, IS BASED ON A GENERAL REVIEW OF EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO PROCEEDING WITH CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL VERIFY ALL LAYOUT DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE THE WORK WITH THE INSTALLATION OF ALL EQUIPMENT/TRADES SHOWN ON THE PLANS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS, AND SEQUENCES OF CONSTRUCTION AND THE SAFETY OF ALL CONSTRUCTION PERSONNEL AND AUTHORIZED VISITORS TO THE PROJECT SITE.
- WHERE DISCREPANCIES EXIST IN THE DOCUMENTS THE MOST STRINGENT SHALL APPLY.
- PATCH, FINISH AND REPAINT ANY WALLS, FLOOR AND CEILINGS DAMAGED OR REMOVED WHILE INSTALLATION OF NEW WATER PIPING.
- REMOVE AND DISPOSE OF ALL EXISTING FIXTURES, CASEWORK, PARTITIONS, CEILINGS, INSULATION, AND ALL OTHER FINISHES REQUIRED PRIOR TO RENOVATION WORK.



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

PRICING
DRAWINGS

Project Number: **16036**

Date: **3/23/18**

Project Name:

**USD 320- HIGH
SCHOOL
IMPROVEMENTS**

Project Address:

**801 LINCOLN AVENUE,
WAMEGO, KS 66547**

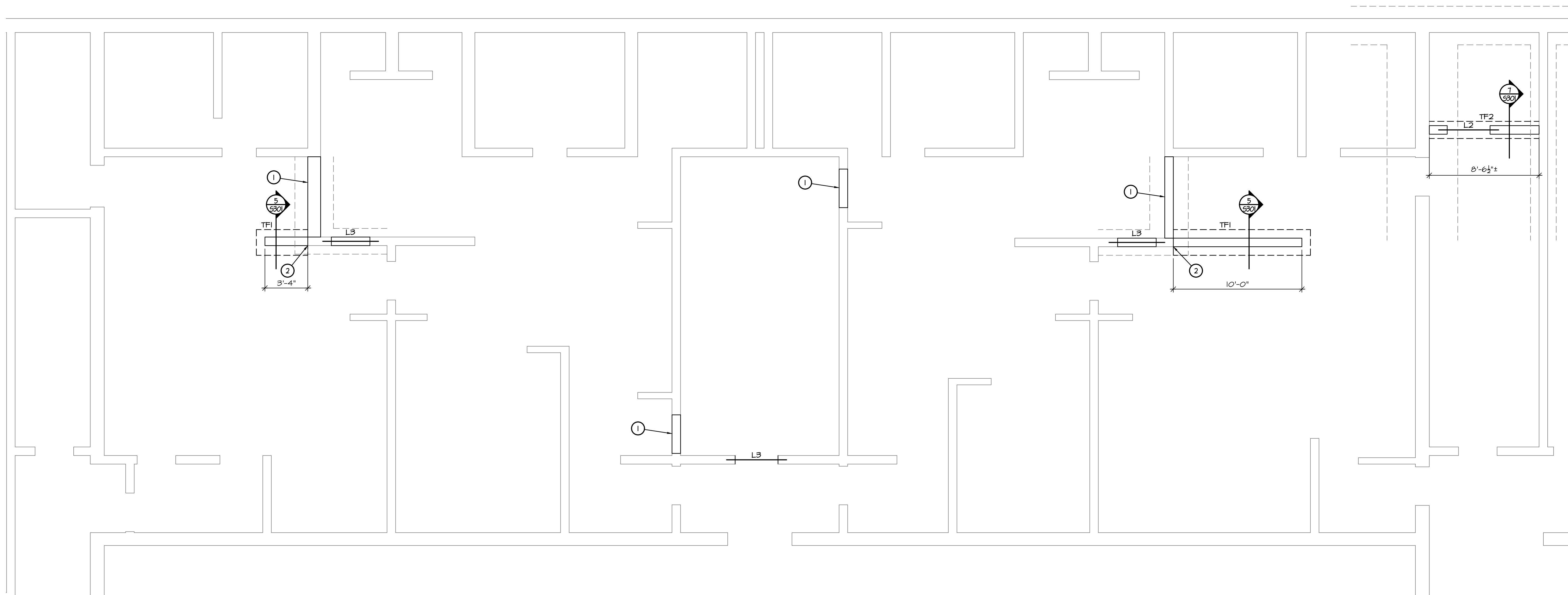
Sheet Title:

COVER SHEET

Sheet:

T101

OF



1
S101
EXISTING P.E. LOCKERS PLAN
1/4" = 1'-0"

PLAN NOTES:

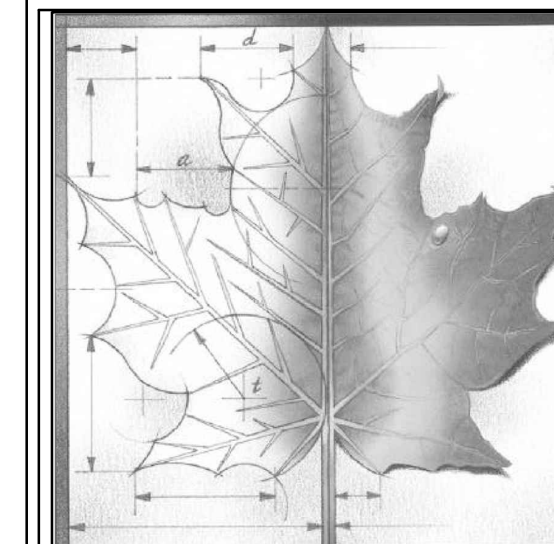
1. See General Structural Notes, Sheet S201, For Additional Notes And Information.
2. Center All Trench Footings Below Masonry Walls, Unless Noted Or Shown Otherwise.
3. See Detail 1-5301 For Typical Slab Joints Detail.
4. See Detail 3-5301 For Typical Foundation Detail At Sleeve Penetrations Through Footings For Mechanical Or Electrical. See Mechanical And Electrical Plans For Locations Where Required.
5. See Detail 2-5301 For Typical Corner Bar Detail.
6. See Sheet S201 For Lintel Schedule. See Architectural For Sizes And Locations Of Door And Window Openings. See Mechanical/Electrical/Plumbing Drawings For MEP Opening Sizes And Locations.
7. See Sheet S301 For Top Of CMU Wall Bracing Details.

PLAN MARKS:

- TF# Trench Footing Mark, See Schedule On Sheet S201
L# Lintel Mark, See Schedule On Sheet S201

KEYED PLAN NOTES:

- 1 See Architectural Drawings For Infill Wall Details And Information.
2 #4x2-8 Horiz. Dowels Vertically Spaced At 12" o.c., Drill And Adhere 8" Into Existing Foundation.



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

DWA Dudley Williams and Associates, PA
2301 Laura • Suite 200 • Wichita, KS 67218-0514
316-263-7974 or www.dwa.com
17045.02 S101 in 1/17-045/17-045.04/S100 3/23/2018 [NE] [140]

PROGRESS PRINT
NOT FOR CONSTRUCTION
DATE: 03-23-18

| REV | DESCRIPTION | DATE |
|-------------------------------------|-------------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

Project Number: **Project Number**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

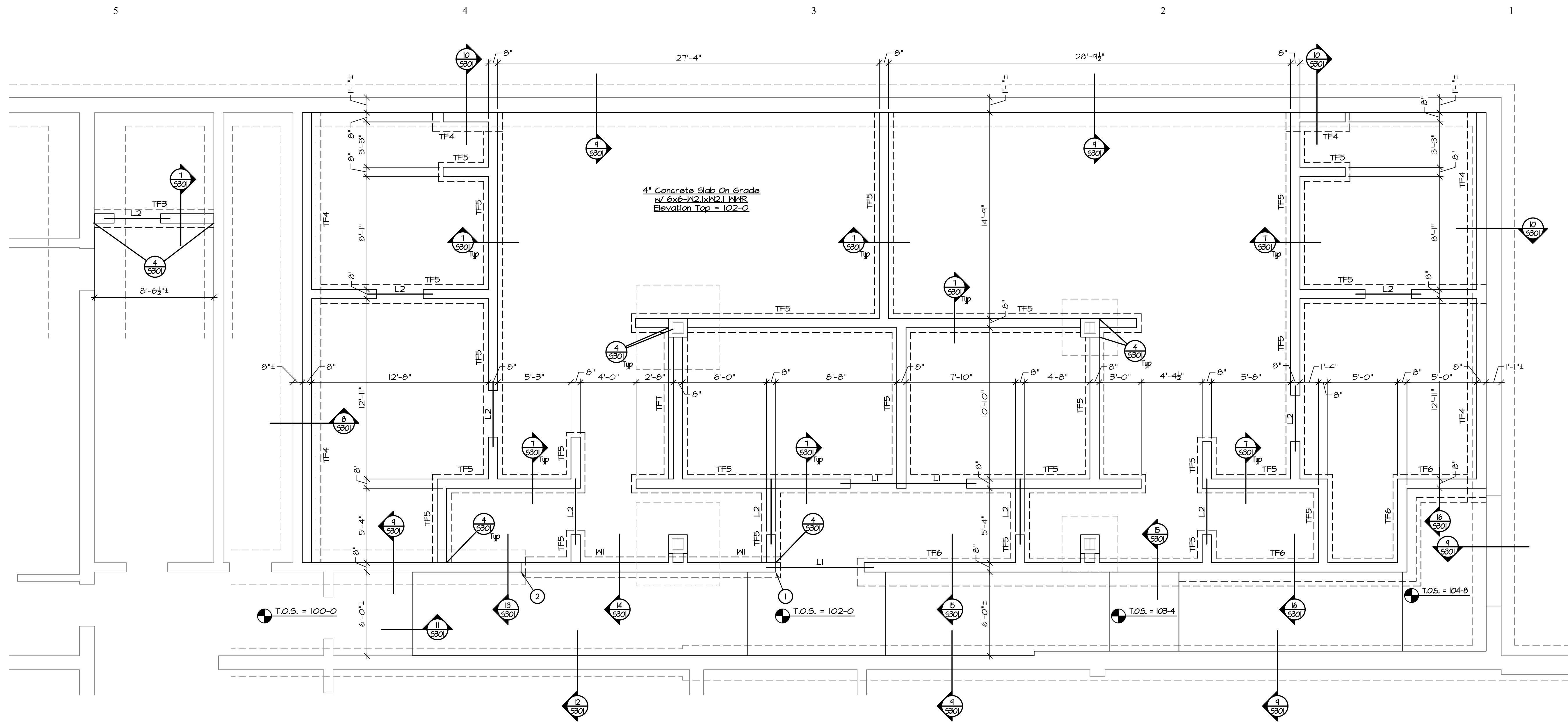
Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:

**EXISTING
LOCKER ROOM
PLAN**

Sheet:
S101

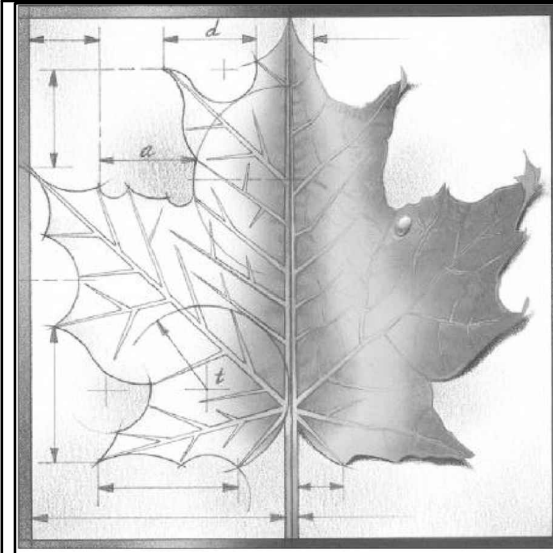
OF



1
S102
NEW LOCKERS PLAN
1/4" = 1'-0"

- PLAN NOTES:**
1. See General Structural Notes, Sheet S201, For Additional Notes And Information.
 2. Center All Trench Footings Below Masonry Walls, Unless Noted Or Shown Otherwise.
 3. See Detail 1-S301 For Typical Slab Joints Detail.
 4. See Detail 3-S301 For Typical Foundation Detail At Sleeve Penetrations Through Footings For Mechanical Or Electrical. See Mechanical And Electrical Plans For Locations Where Required.
 5. See Detail 2-S301 For Typical Corner Bar Detail.
 6. See Sheet S201 For Lintel Schedule. See Architectural For Sizes And Locations Of Door And Window Openings. See Mechanical/Electrical/Plumbing Drawings For MEP Opening Sizes And Locations.
 7. See Sheet S301 For Top Of CMU Wall Bracing Details.

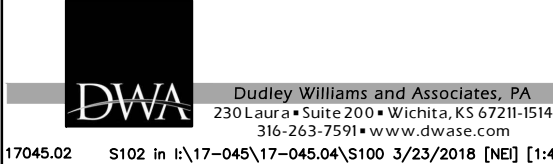
- PLAN MARKS:**
- TF# Trench Footing Mark, See Schedule On Sheet S201
L# Lintel Mark, See Schedule On Sheet S201
- KEYED PLAN NOTES:**
- ① Formed Foundation Wall Stops.
 - ② #4x2-8 Horiz. Dowels Vertically Spaced At 12" o.c.. Drill And Adhere 8" Into Existing Foundation.



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed as all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.



Dudley Williams and Associates, PA
2301 Laura + Kutz 2050 Wichita, KS 67218-1514
316-263-7974 or www.dwa.com

7045.02 S102 in 1/17-045/17-045/04/S100 3/23/2018 [NE] [148]

PROGRESS PRINT
NOT FOR CONSTRUCTION
DATE: 03-23-18

| REV | DESCRIPTION | DATE |
|-------------------------------------|-------------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

Project Number: **Project Number**
Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
NEW LOCKER ROOM PLAN

Sheet:
S102
OF

5

4

3

2

1



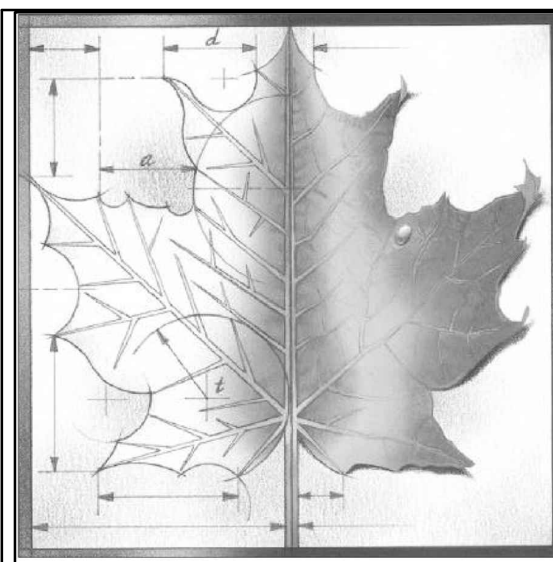
1
S103

FACS FLOOR PLAN

1/4" = 1'-0"

- PLAN NOTES:**
1. See General Structural Notes, Sheet S201, For Additional Notes And Information.
 2. Center All Trench Footings Below Masonry Walls, Unless Noted Or Shown Otherwise.
 3. See Detail 1-S301 For Typical Slab Joints Detail.
 4. See Detail 3-S301 For Typical Foundation Detail At Sleeve Penetrations Through Footings For Mechanical Or Electrical. See Mechanical And Electrical Plans For Locations Where Required.
 5. See Detail 2-S301 For Typical Corner Bar Detail.
 6. See Sheet S201 For Lintel Schedule. See Architectural For Sizes And Locations Of Door And Window Openings. See Mechanical/Electrical/Plumbing Drawings For MEP Opening Sizes And Locations.
 7. See Sheet S301 For Top Of CMU Wall Bracing Details.

- PLAN MARKS:**
- TF# Trench Footing Mark, See Schedule On Sheet S201
- L# Lintel Mark, See Schedule On Sheet S201



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

DWA Dudley Williams and Associates, PA
2301 Laura • Suite 200 • Wichita, KS 67218-0514
316-263-7970 or www.dwa.com

17045.02 S103 in 14/17-045/17-045.04/S100 3/23/2018 [NE] [148]

PROGRESS PRINT
NOT FOR CONSTRUCTION
DATE: 03-23-18

| REV | DESCRIPTION | DATE |
|-----|-------------|------|
| | | |

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **Project Number**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

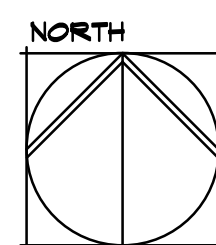
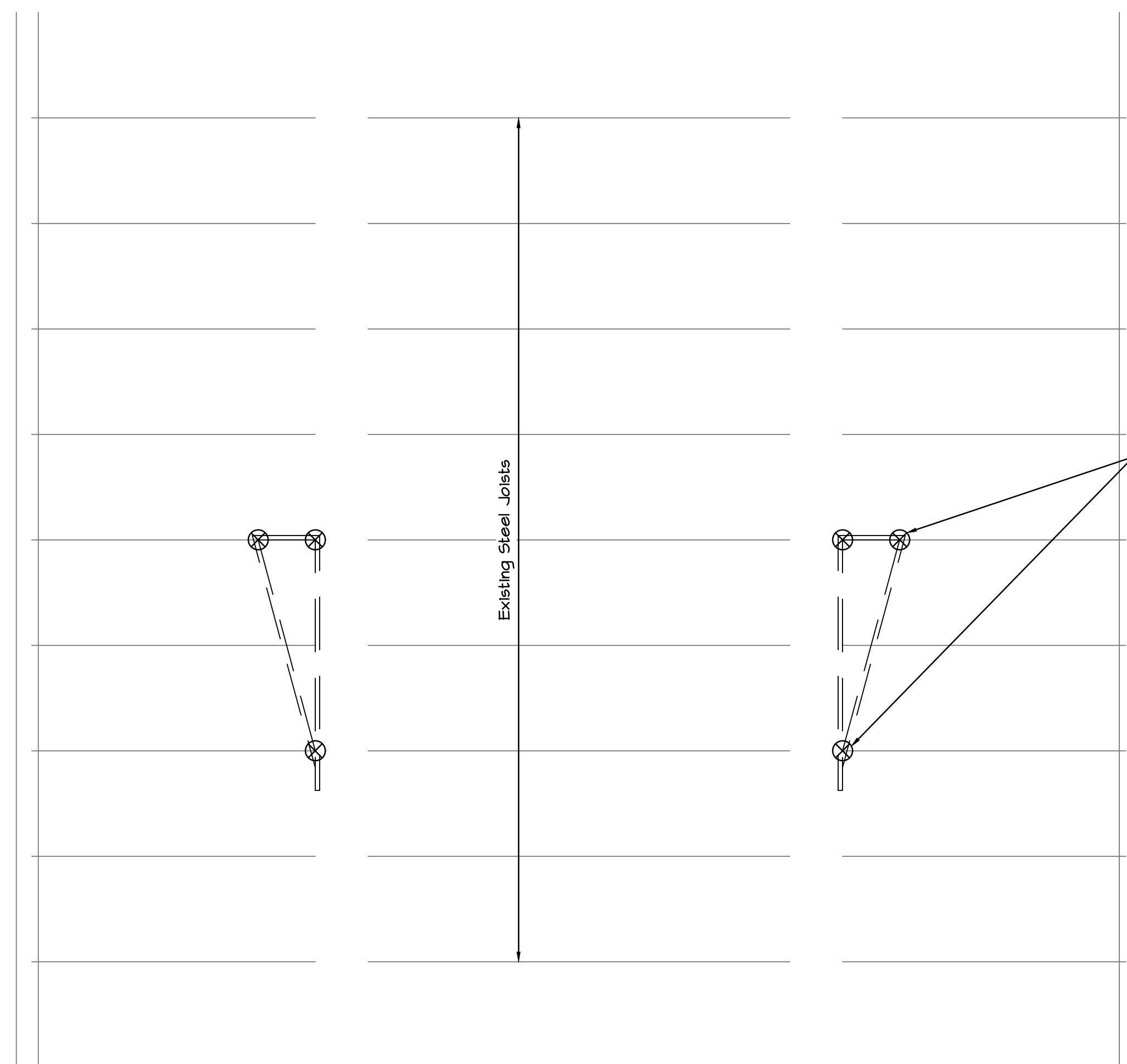
Sheet Title:

FACS FLOOR PLAN

Sheet:

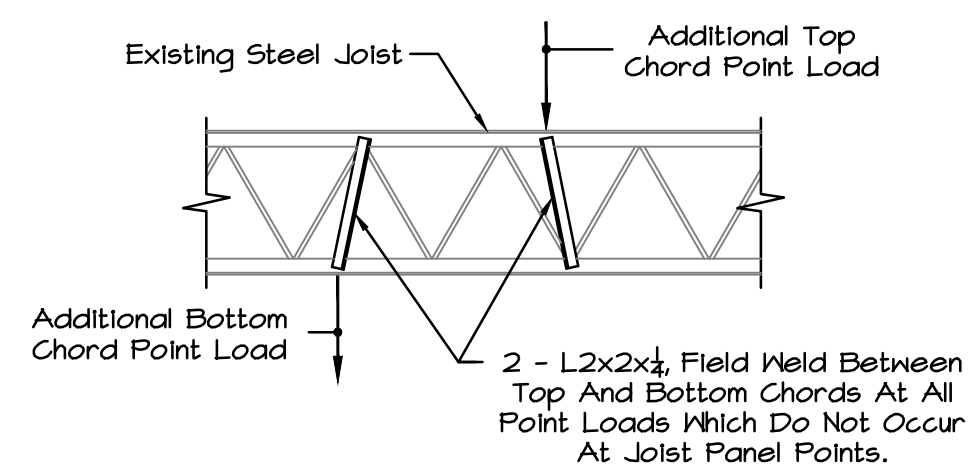
S103

OF



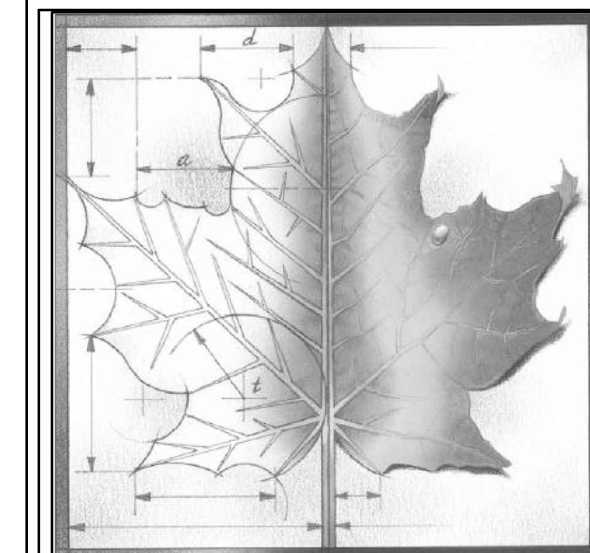
ROOF FRAMING PLAN

1/8" = 1'-0"



1. A maximum single concentrated load of 50 lbs may be applied between panel points without any joist reinforcing.
2. For concentrated loads in excess of 50 lbs and up to 400 lbs, reinforce the joist with the angles noted above.

1 JOIST DETAIL @ POINT LOAD
No Scale



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

DWA Dudley Williams and Associates, PA
2301 Laura • Suite 200 • Wichita, KS 67218-0514
316-261-2500 • www.dwa.com
17045.02 S104 in 15/17-045/17-045.04/S104 3/23/2018 [NE] [124]

PROGRESS PRINT
NOT FOR CONSTRUCTION
DATE: 03-23-18

| REV | DESCRIPTION | DATE |
|-----|-------------|------|
|-----|-------------|------|

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **Project Number**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

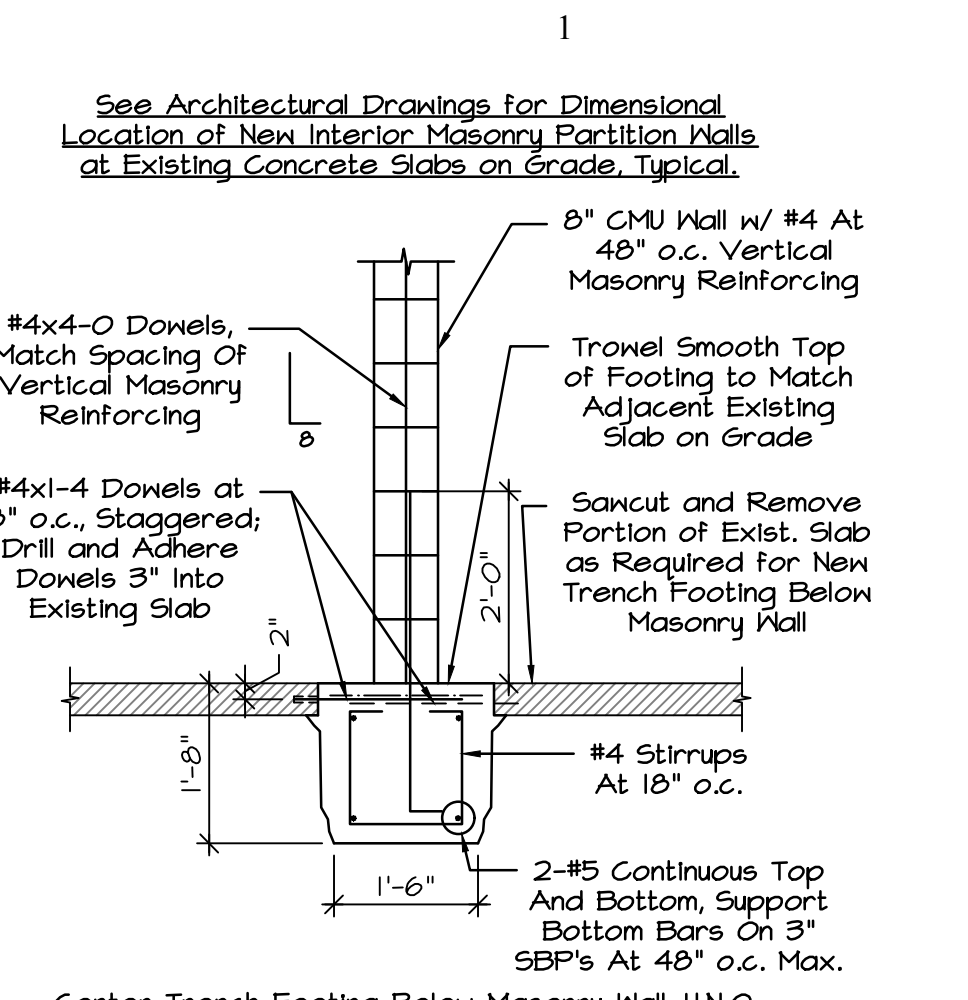
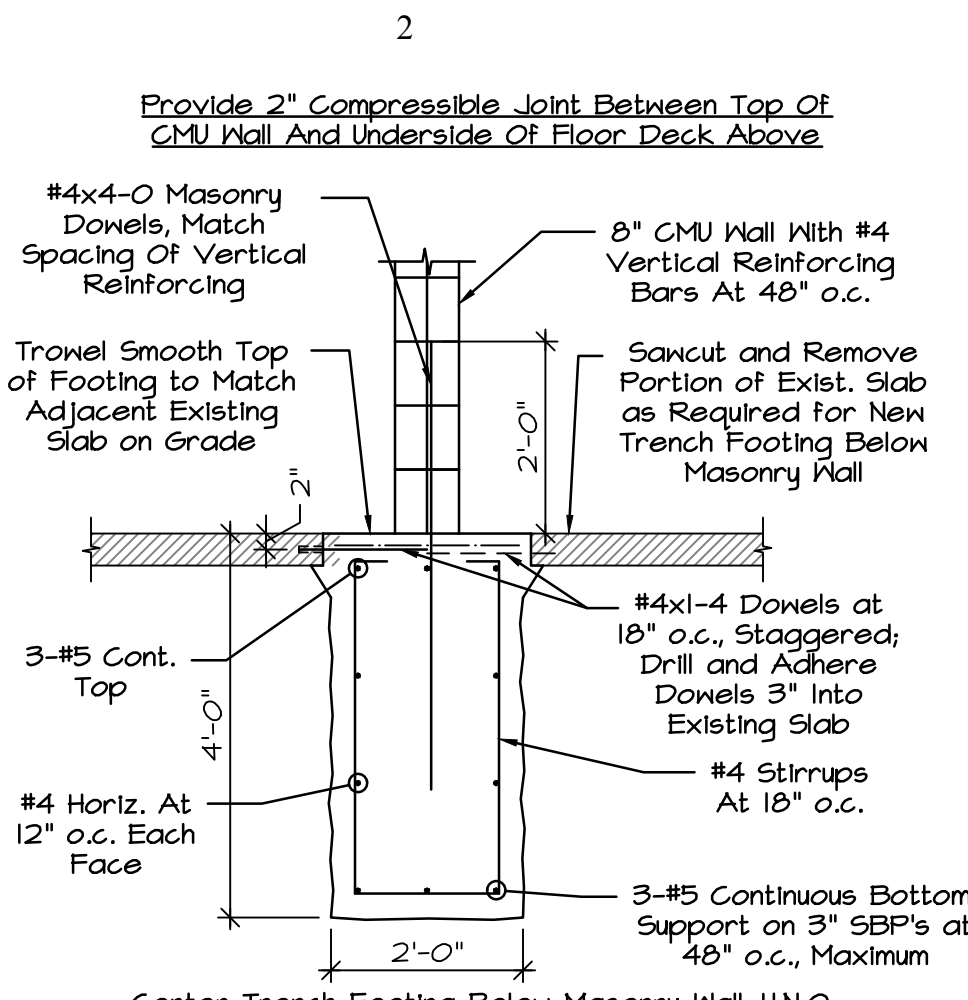
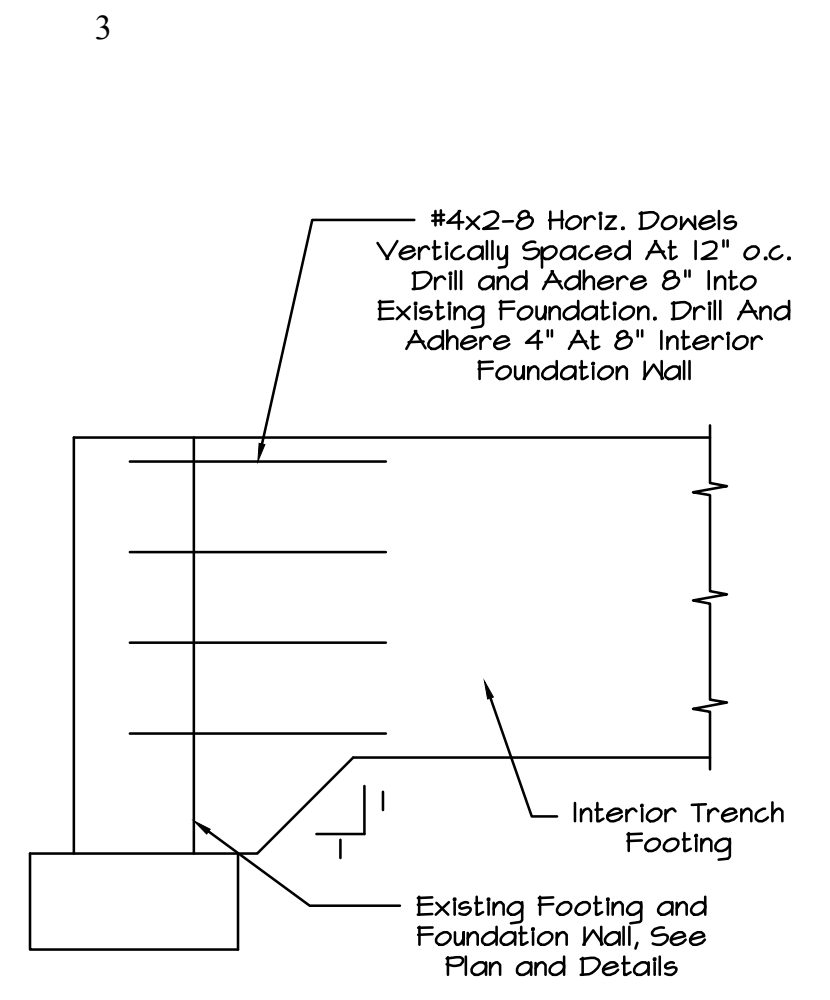
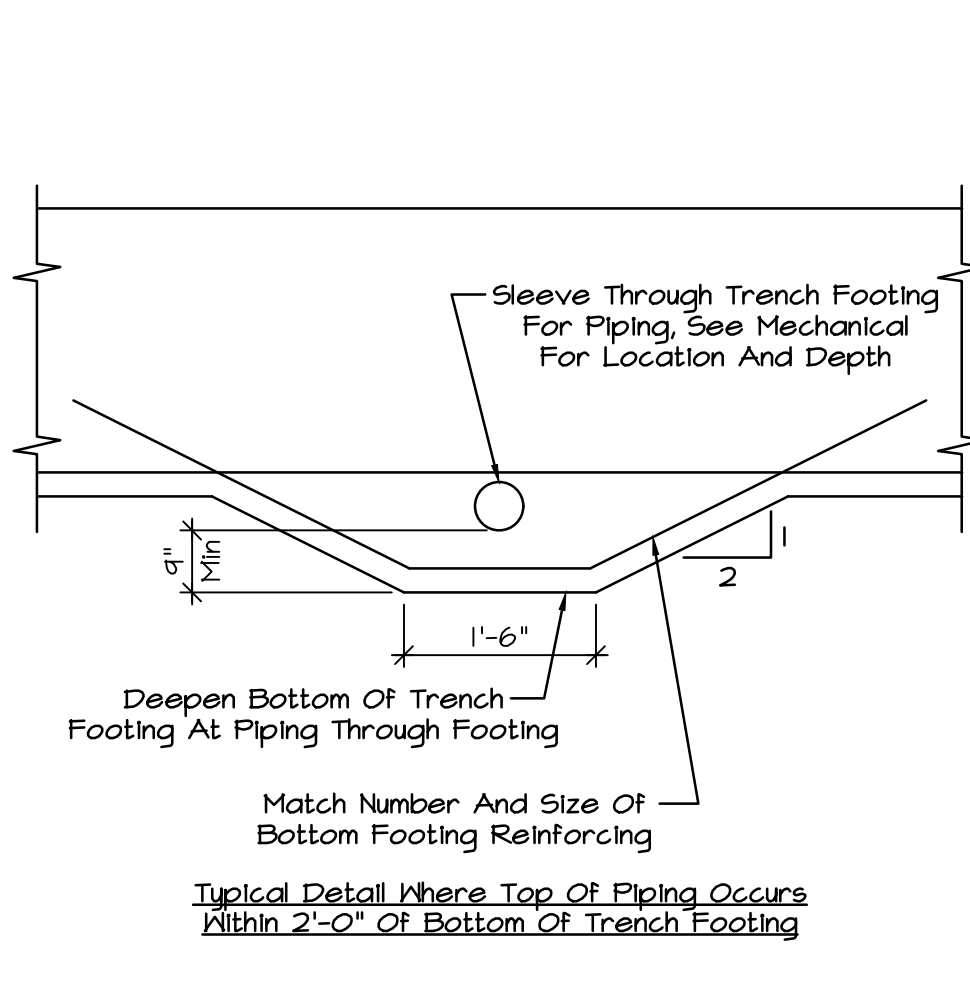
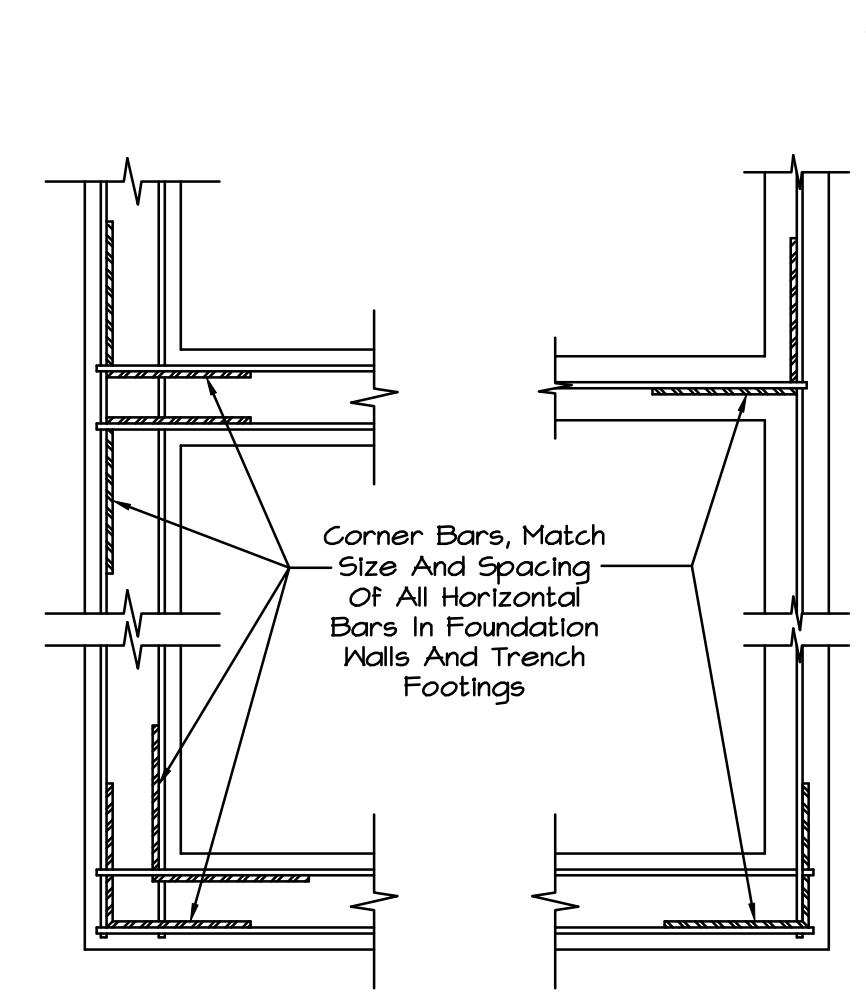
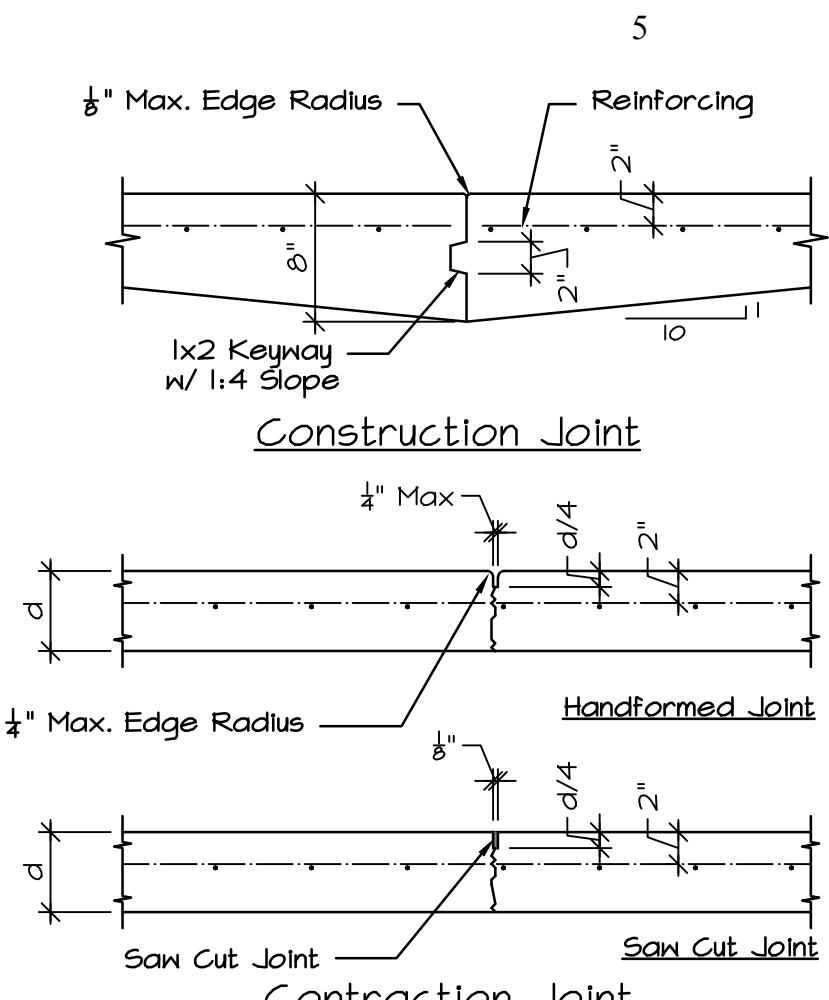
Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:

Upper Gym Framing Details

Sheet: **S104**

OF



1 TYPICAL SLAB JOINT DETAILS
No Scale

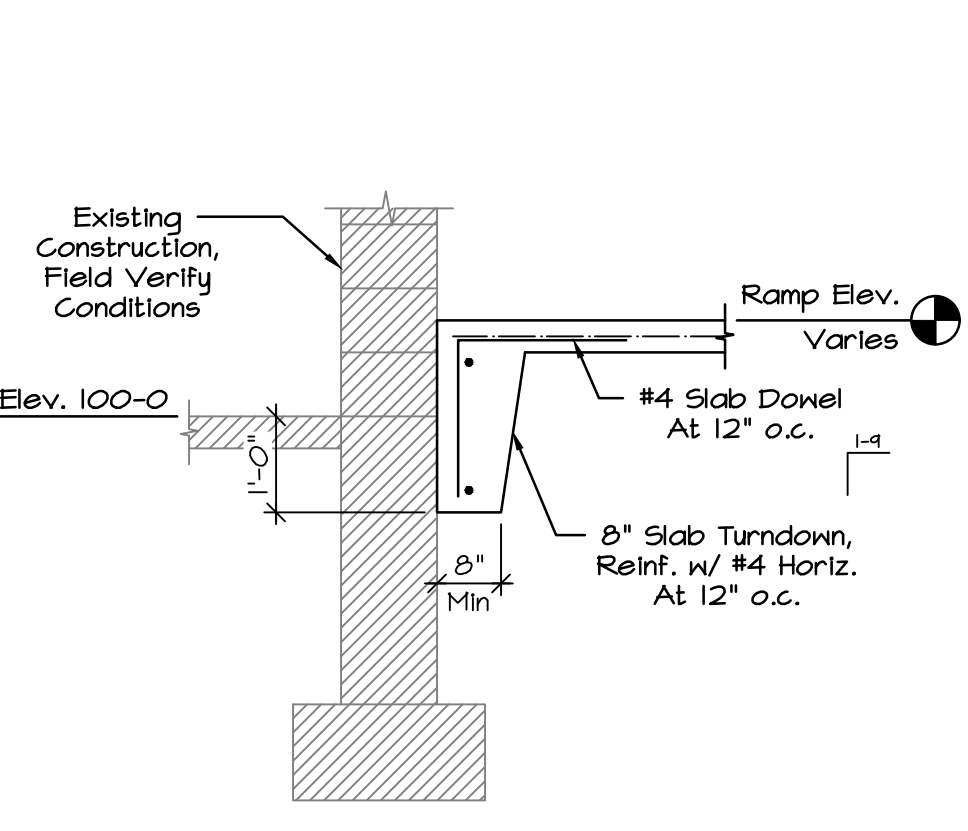
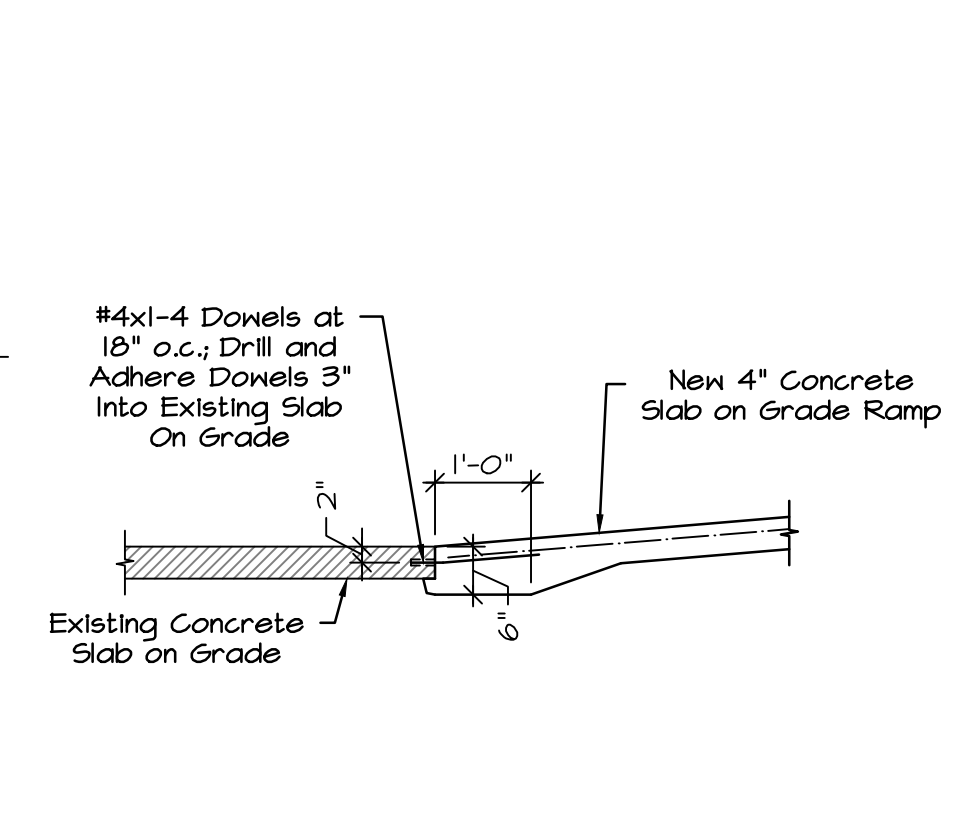
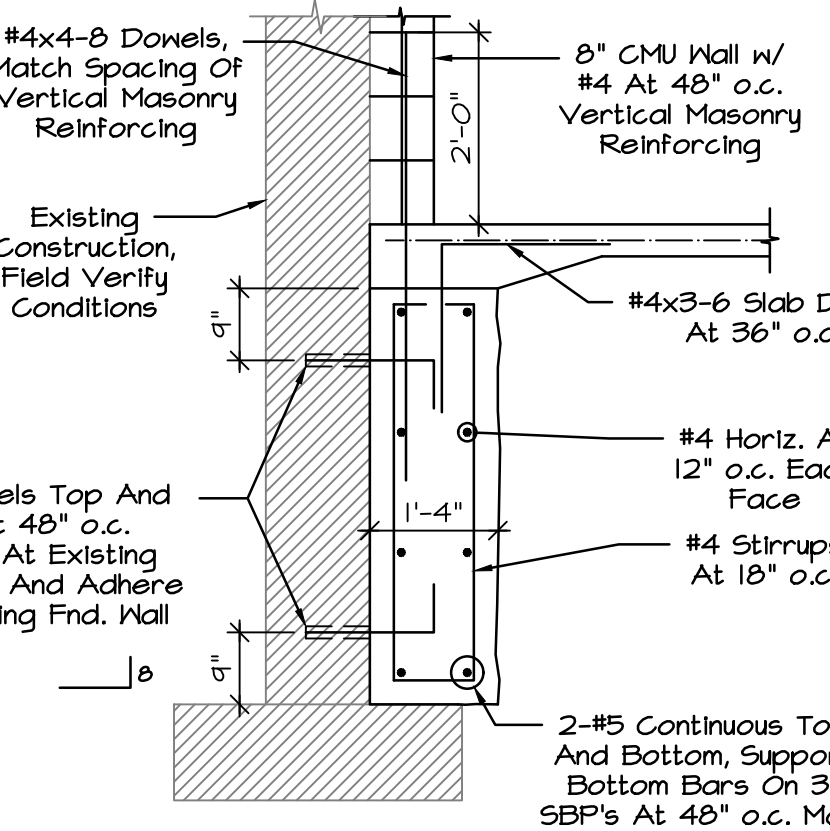
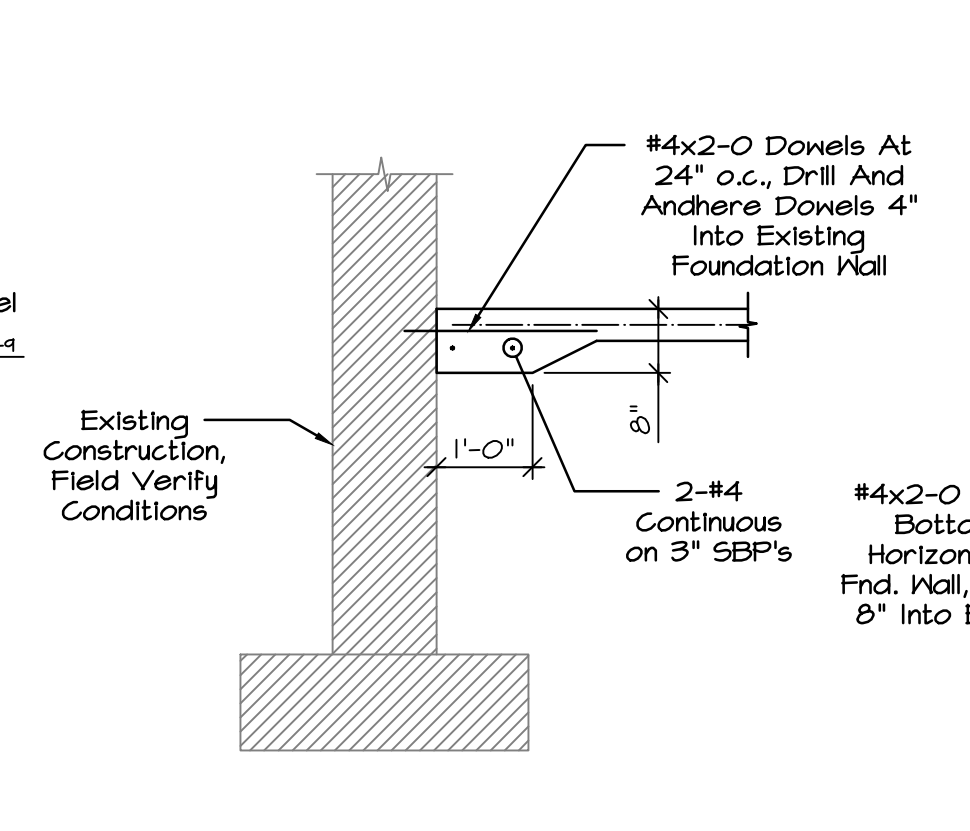
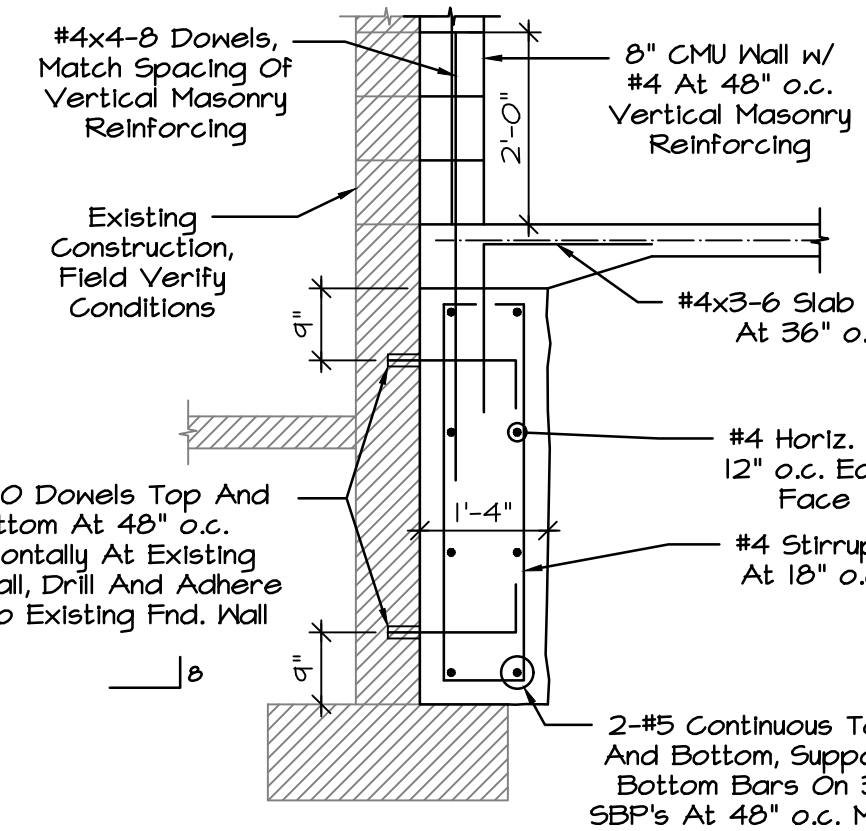
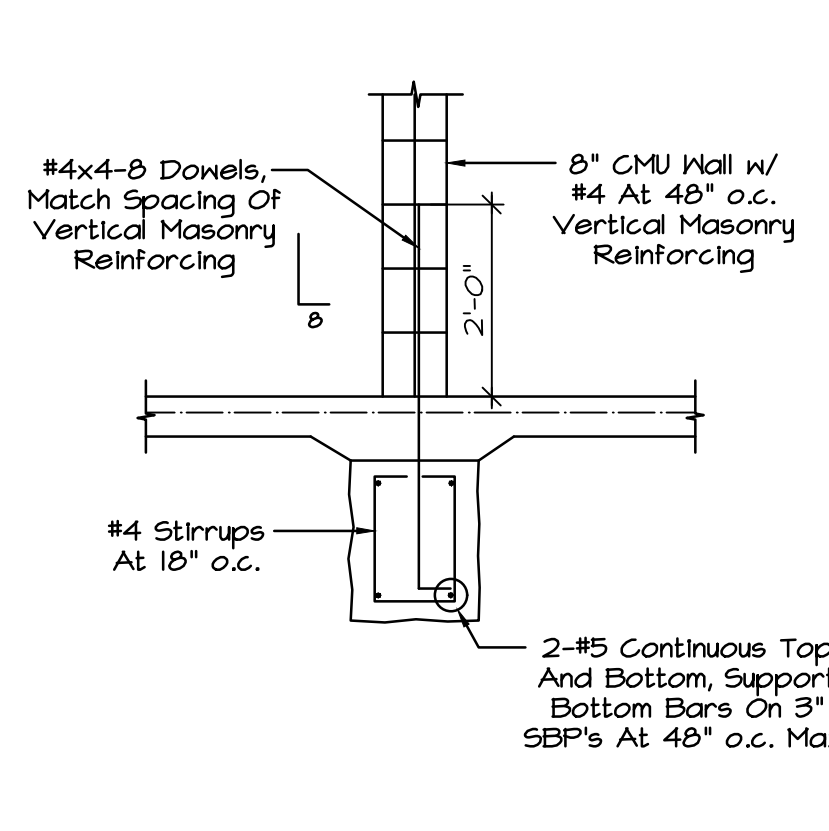
2 CORNER BAR DETAIL
No Scale

3 TYP. FOUNDATION DETAIL
1/2" = 1'-0"

4 TYP. FOOTING DETAIL
No Scale

5 SECTION
1/2" = 1'-0"

6 SECTION
1/2" = 1'-0"



7 SECTION
1/2" = 1'-0"

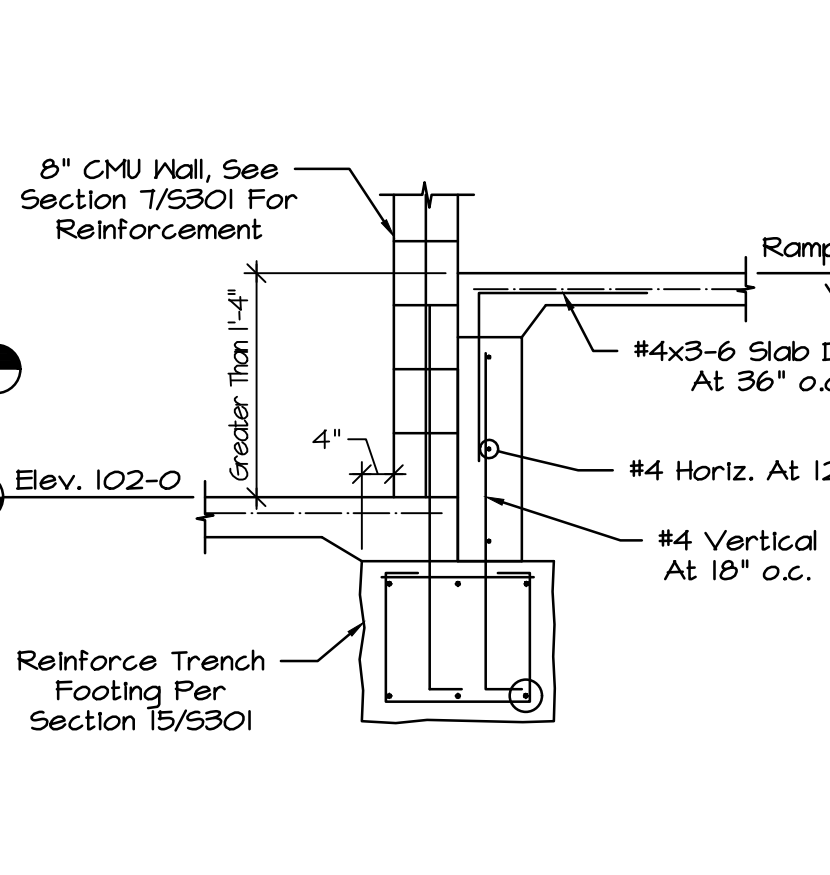
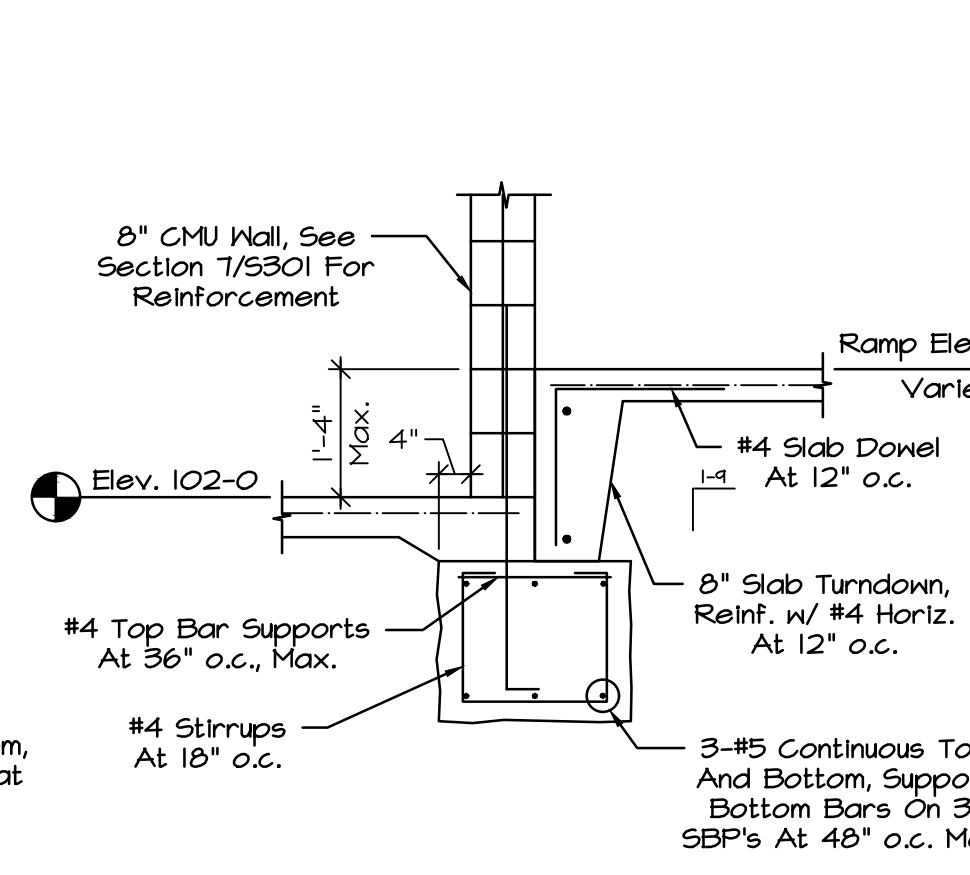
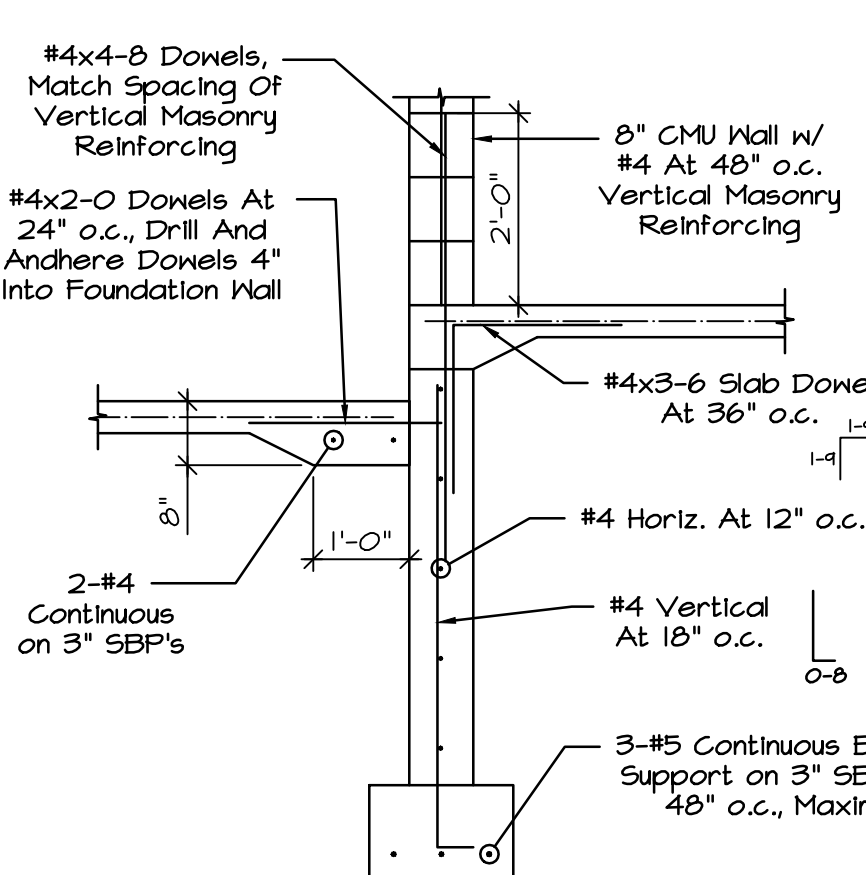
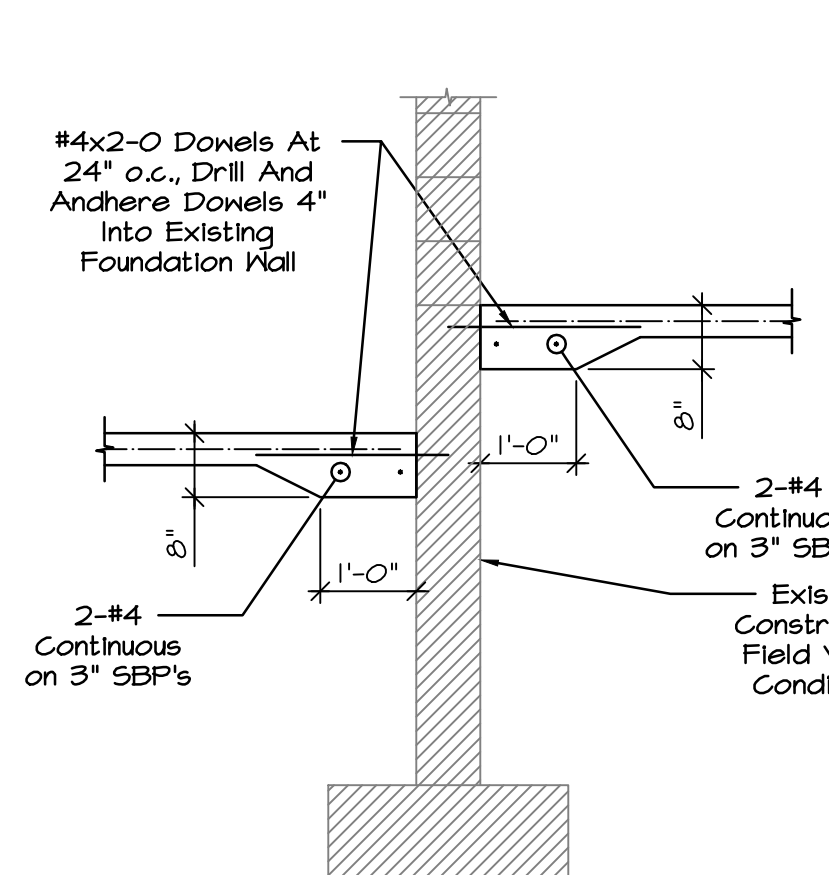
8 SECTION
1/2" = 1'-0"

9 SECTION
1/2" = 1'-0"

10 SECTION
1/2" = 1'-0"

11 SECTION
1/2" = 1'-0"

12 SECTION
1/2" = 1'-0"



13 SECTION
1/2" = 1'-0"

14 SECTION
1/2" = 1'-0"

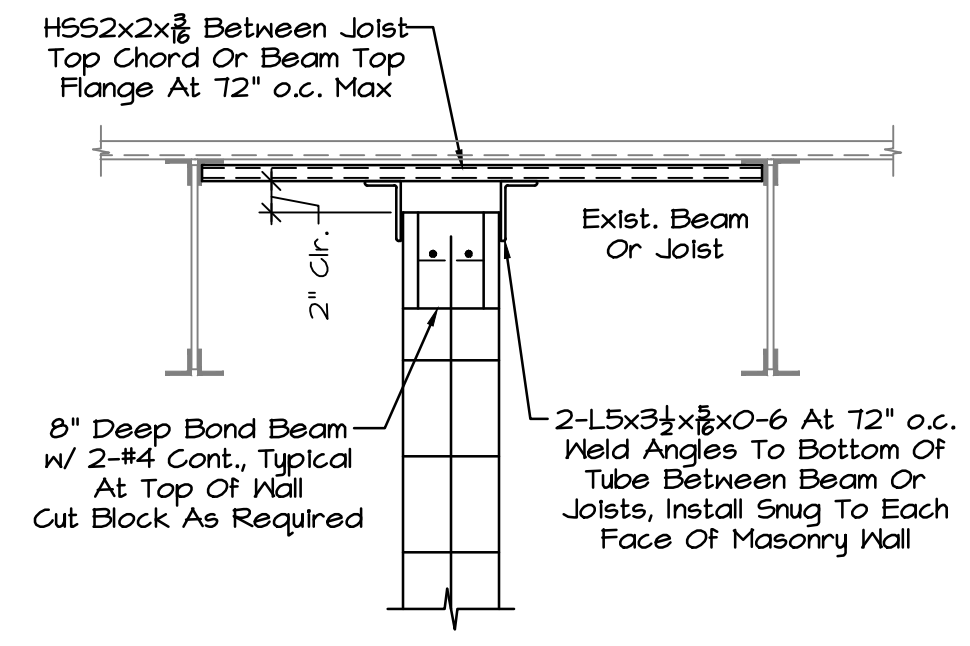
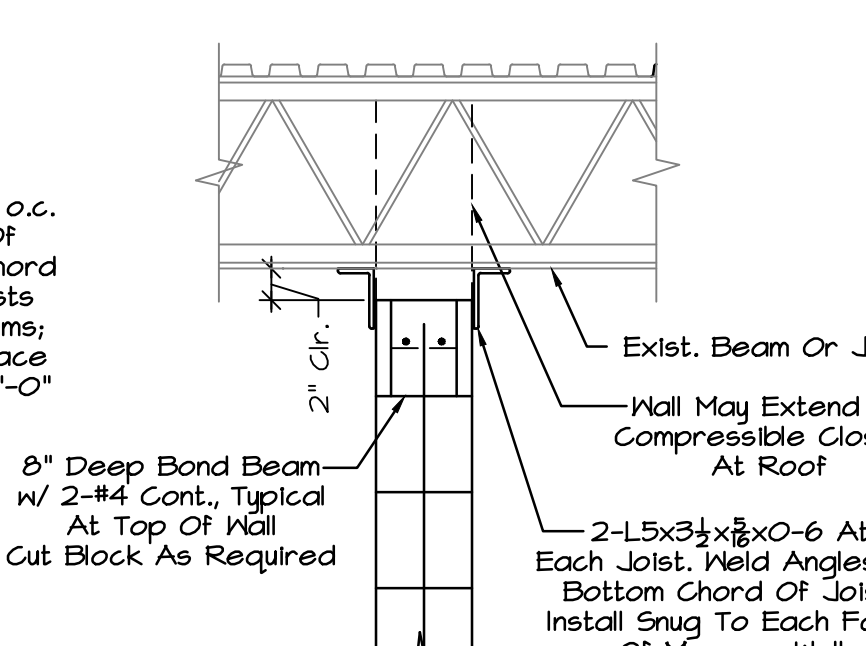
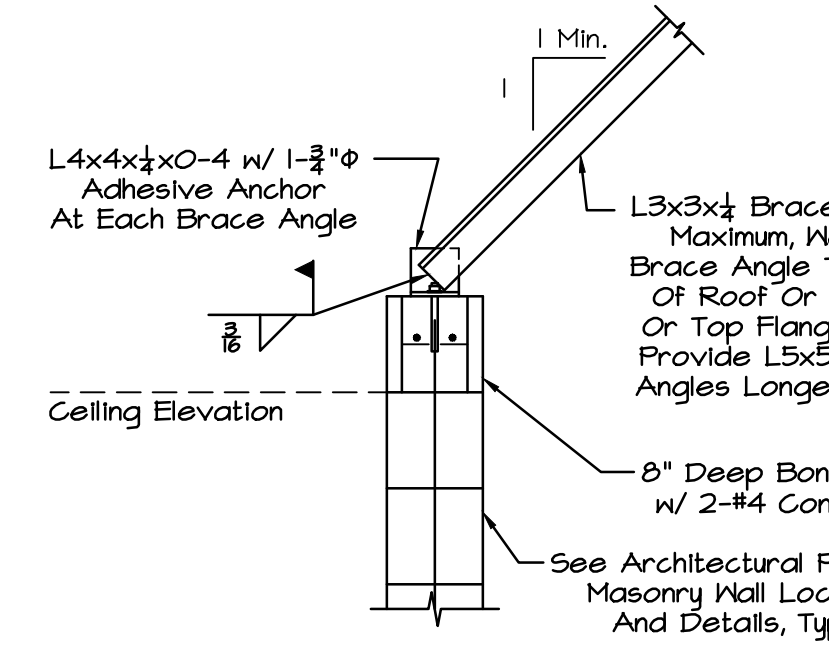
15 SECTION
1/2" = 1'-0"

16 SECTION
1/2" = 1'-0"

Provide Top of Masonry Wall Bracing At All Interior Masonry Walls Where The Length Of The Wall Between Corners Or Abutting Masonry Walls Is Greater Than 15 Ft.

Provide Top of Masonry Wall Bracing At All Interior Masonry Walls Where The Length Of The Wall Between Corners Or Abutting Masonry Walls Is Greater Than 15 Ft.

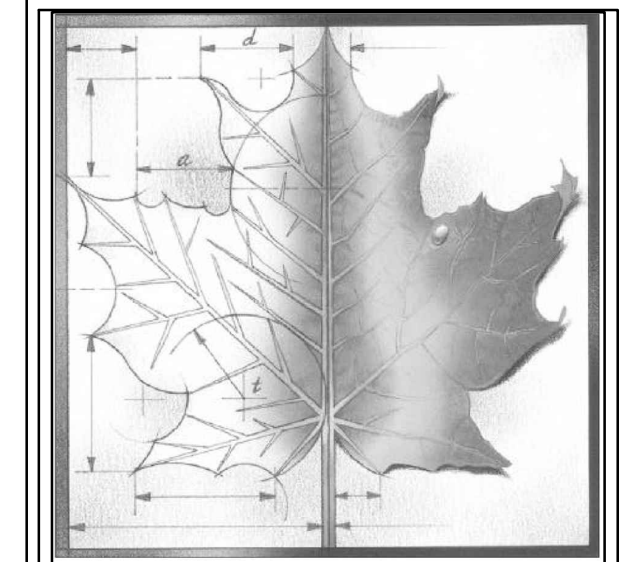
Provide Top of Masonry Wall Bracing At All Interior Masonry Walls Where The Length Of The Wall Between Corners Or Abutting Masonry Walls Is Greater Than 15 Ft.



17 TYP. WALL BRACE DETAIL
No Scale

18 TYP. WALL BRACE DTL.
No Scale

19 TYP. WALL BRACE DTL.
No Scale



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

DWA Dudley Williams and Associates, PA
2301 Laura + Suite 200 - Wichita, KS 67218-0514
316-263-2500 or www.dwa.com

17045.02 5301 in 1/17-045/17-045.04/5300 3/23/2018 [NE] [12x]

PROGRESS PRINT
NOT FOR CONSTRUCTION
DATE: 03-23-18

| REV | DESCRIPTION | DATE |
|-----|-------------|------|
|-----|-------------|------|

PRICING SET
NOT FOR CONSTRUCTION

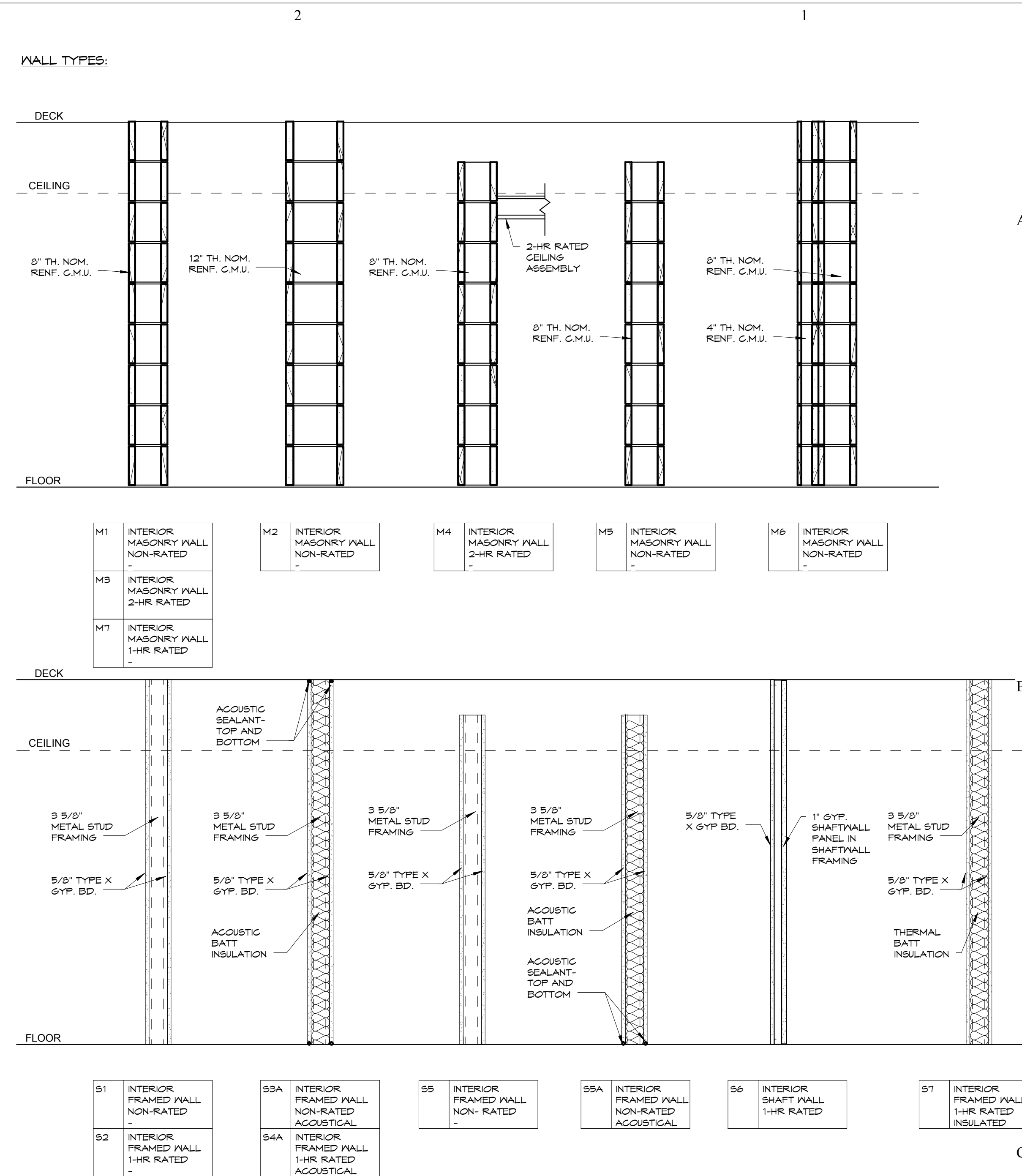
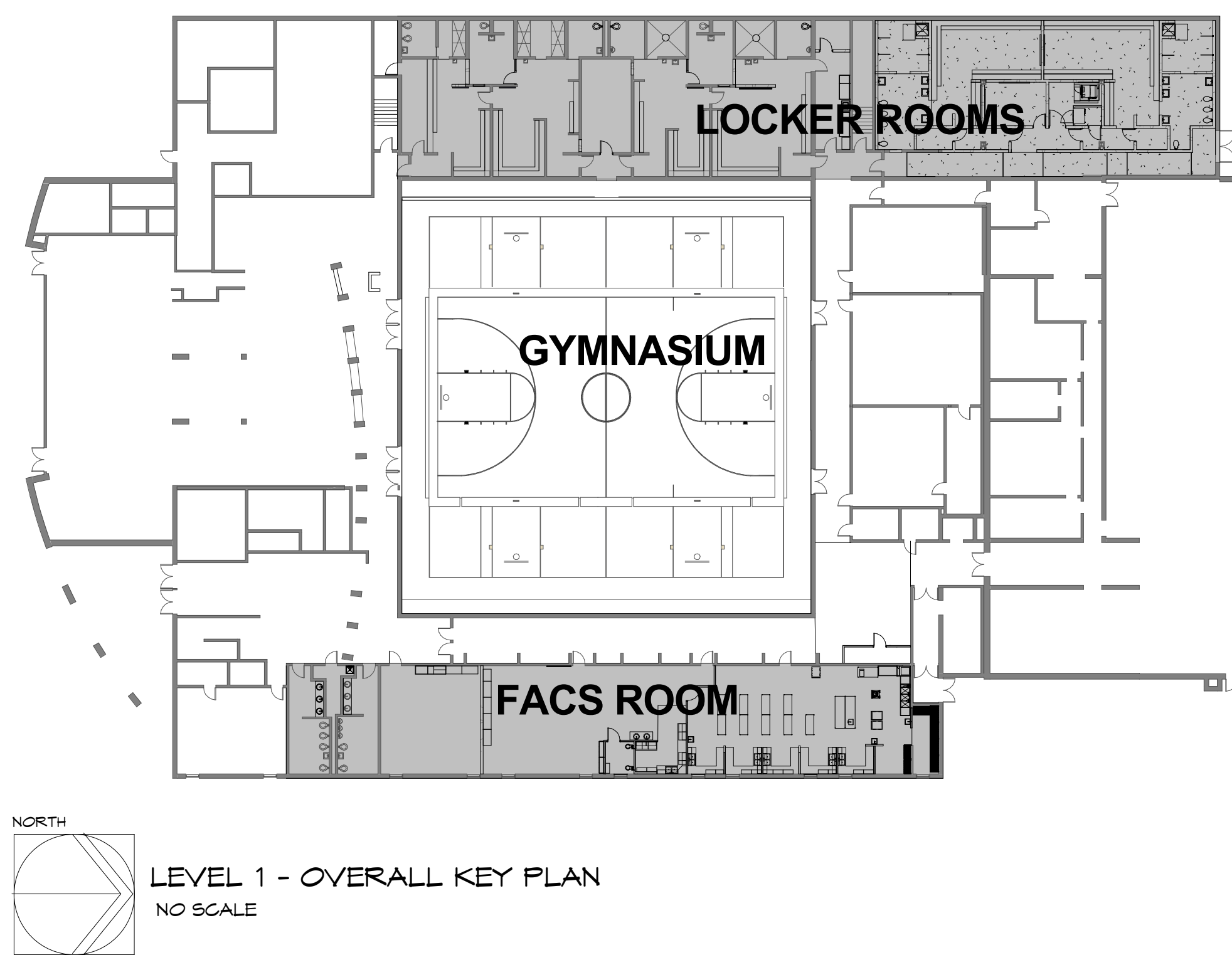
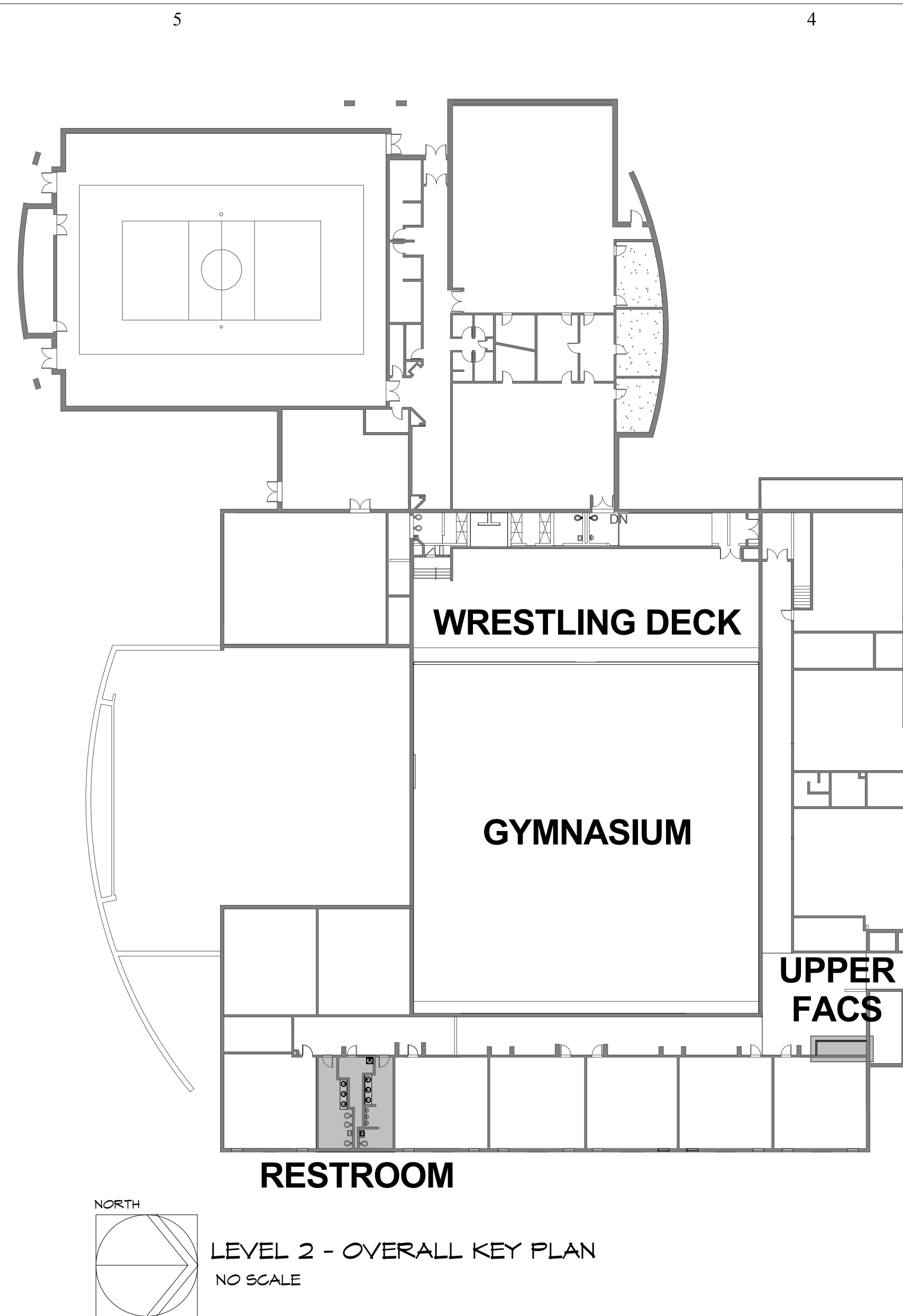
Project Number: **Project Number**
Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

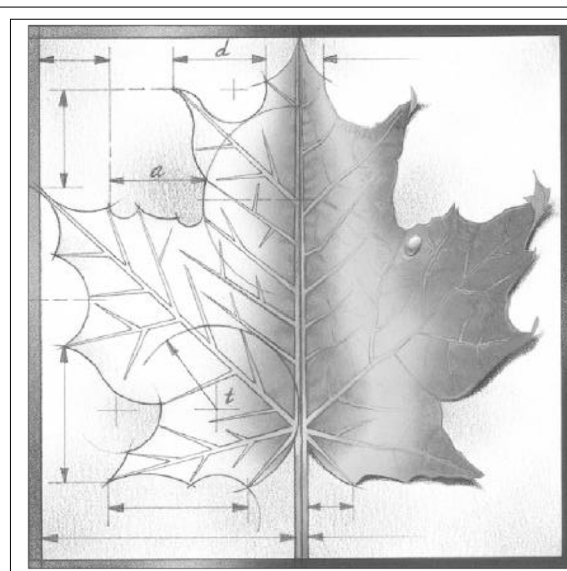
Sheet Title:
SECTIONS AND DETAILS

Sheet:
S301



| | | | | | | | | | |
|----|----------------------------------|----|---------------------------------|----|----------------------------------|----|---------------------------------|----|---------------------------------|
| M1 | INTERIOR MASONRY WALL NON-RATED | M2 | INTERIOR MASONRY WALL NON-RATED | M4 | INTERIOR MASONRY WALL 2-HR RATED | M5 | INTERIOR MASONRY WALL NON-RATED | M6 | INTERIOR MASONRY WALL NON-RATED |
| M3 | INTERIOR MASONRY WALL 2-HR RATED | | | | | | | | |
| M7 | INTERIOR MASONRY WALL 1-HR RATED | | | | | | | | |

| | | | | | | | | | | | |
|----|---------------------------------|-----|--|----|--------------------------------|-----|---|----|--------------------------------|----|---|
| S1 | INTERIOR FRAMED WALL NON-RATED | S3A | INTERIOR FRAMED WALL NON-RATED ACOUSTICAL | S5 | INTERIOR FRAMED WALL NON-RATED | S5A | INTERIOR FRAMED WALL NON-RATED ACOUSTICAL | S6 | INTERIOR SHAFT WALL 1-HR RATED | S7 | INTERIOR FRAMED WALL 1-HR RATED INSULATED |
| S2 | INTERIOR FRAMED WALL 1-HR RATED | S4A | INTERIOR FRAMED WALL 1-HR RATED ACOUSTICAL | | | | | | | | |



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

**PRICING SET
NOT FOR CONSTRUCTION**

Project Number: **16036**

Date: **Issue Date**

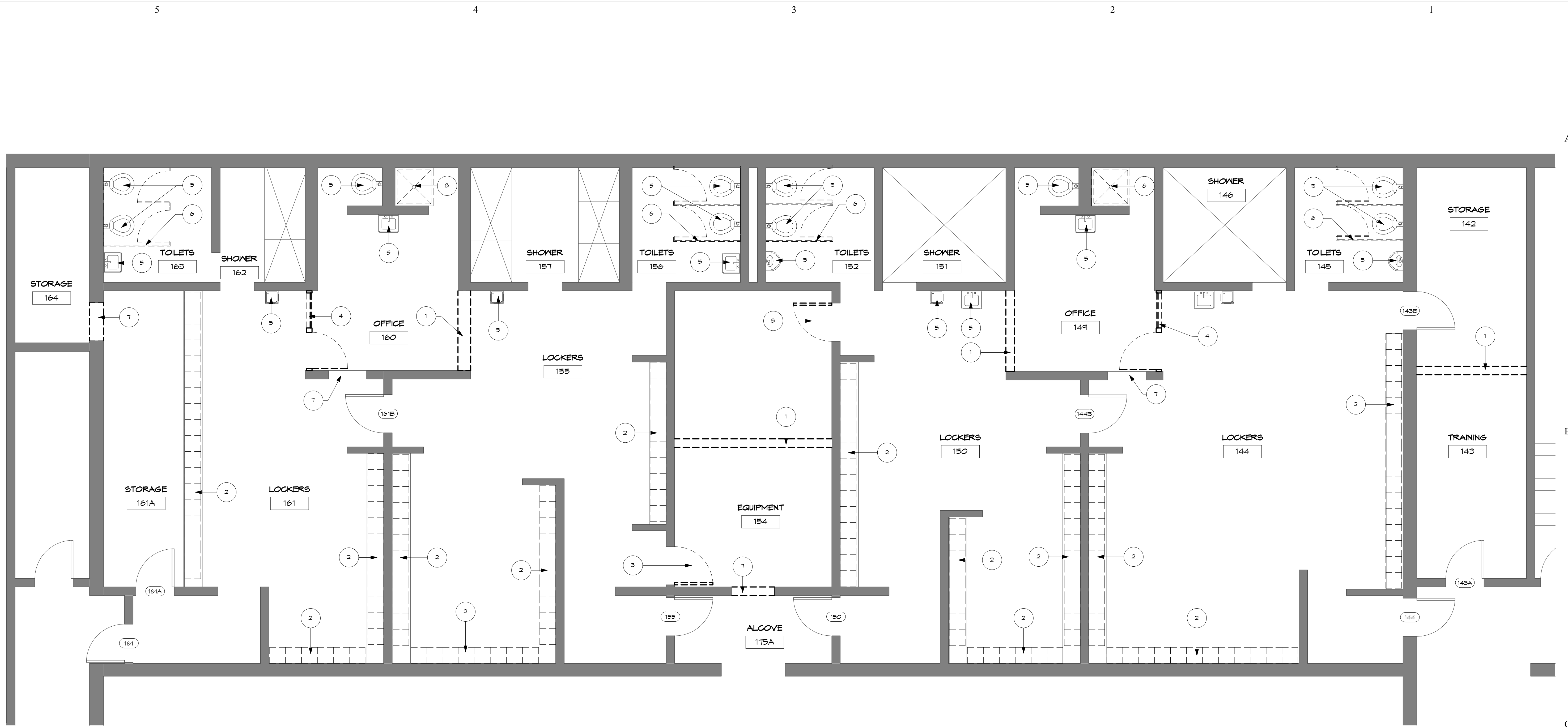
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

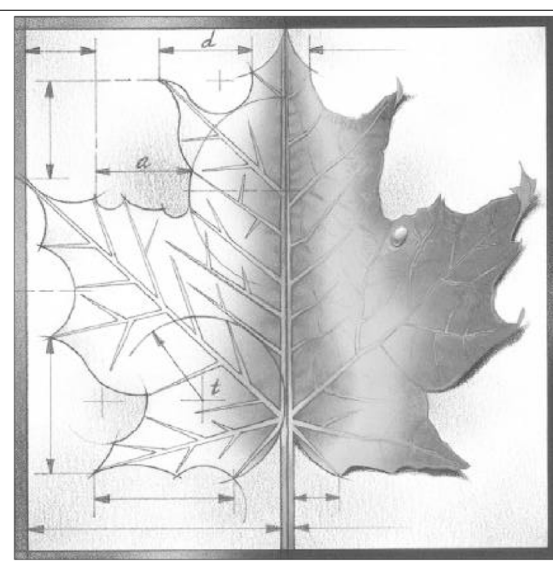
Sheet Title:
GENERAL INFORMATION

Sheet:
G1.01

OF:



1 DEMOLITION PLAN - EXISTING P.E.
 LOCKERS
 1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
 228 POYNITZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

DEMOLITION NOTES:

- 1 REMOVE EXISTING WALL
- 2 REMOVE EXISTING LOCKERS
- 3 REMOVE EXISTING DOOR, FRAME AND TRIM
- 4 REMOVE EXISTING STOREFRONT FRAME AND DOOR
- 5 REMOVE EXISTING PLUMBING FIXTURE
- 6 REMOVE EXISTING TOILET PARTITIONS
- 7 REMOVE EXISTING MASONRY WALL FOR INSTALLATION OF NEW DOOR OR WINDOW
- 8 REMOVE EXISTING SHOWER UNIT
- 9 REMOVE EXISTING CONCRETE STAIRS AND LANDING
- 10 REMOVE EXISTING COUNTERTOP

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET
 NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
 801 LICNOLN AVENUE
 WAMEGO, KS 66547

Sheet Title:
**DEMO PLAN -
 EXISTING
 LOCKER
 ROOMS**

Sheet:
D103

OF:

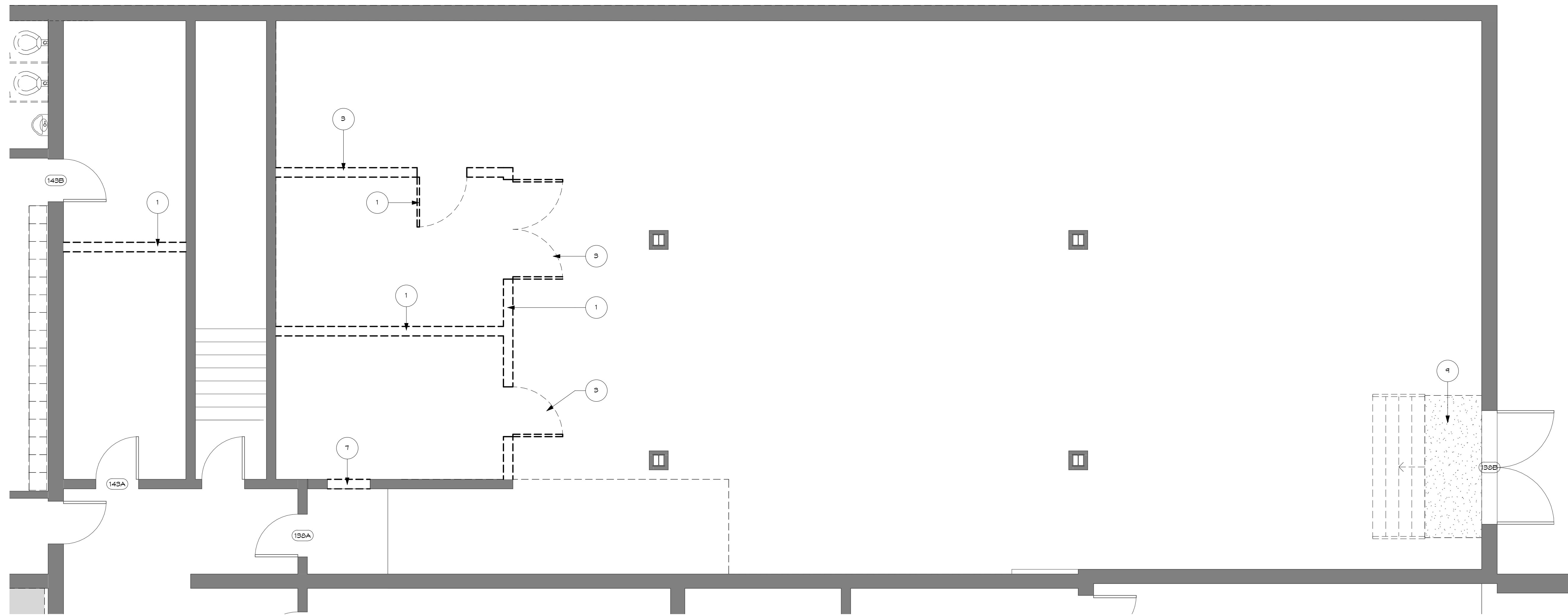
5

4

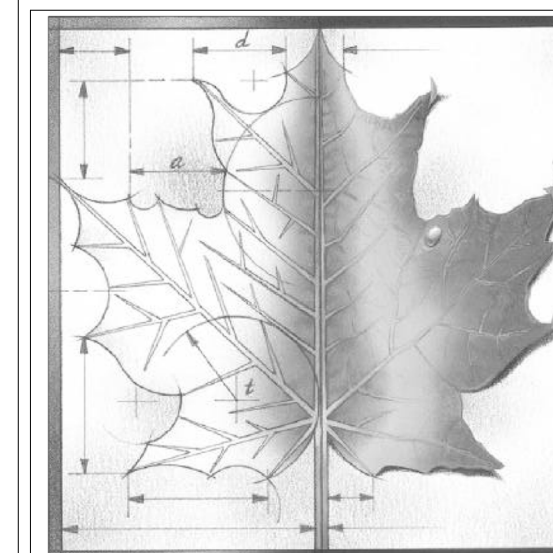
3

2

1



1
D104
DEMOLITION PLAN LEVEL 1 -NEW
LOCKERS
1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

- DEMOLITION NOTES:**
- 1 REMOVE EXISTING WALL
 - 2 REMOVE EXISTING LOCKERS
 - 3 REMOVE EXISTING DOOR, FRAME AND TRIM
 - 4 REMOVE EXISTING STOREFRONT FRAME AND DOOR
 - 5 REMOVE EXISTING PLUMBING FIXTURE
 - 6 REMOVE EXISTING TOILET PARTITIONS
 - 7 REMOVE EXISTING MASONRY WALL FOR INSTALLATION OF NEW DOOR OR WINDOW
 - 8 REMOVE EXISTING SHOWER UNIT
 - 9 REMOVE EXISTING CONCRETE STAIRS AND LANDING
 - 10 REMOVE EXISTING COUNTERTOP

| REV | DESC | DATE |
|---|------|------|
| <i>PRICING SET NOT FOR CONSTRUCTION</i> | | |

Project Number: **16036**

Date: **Issue Date**

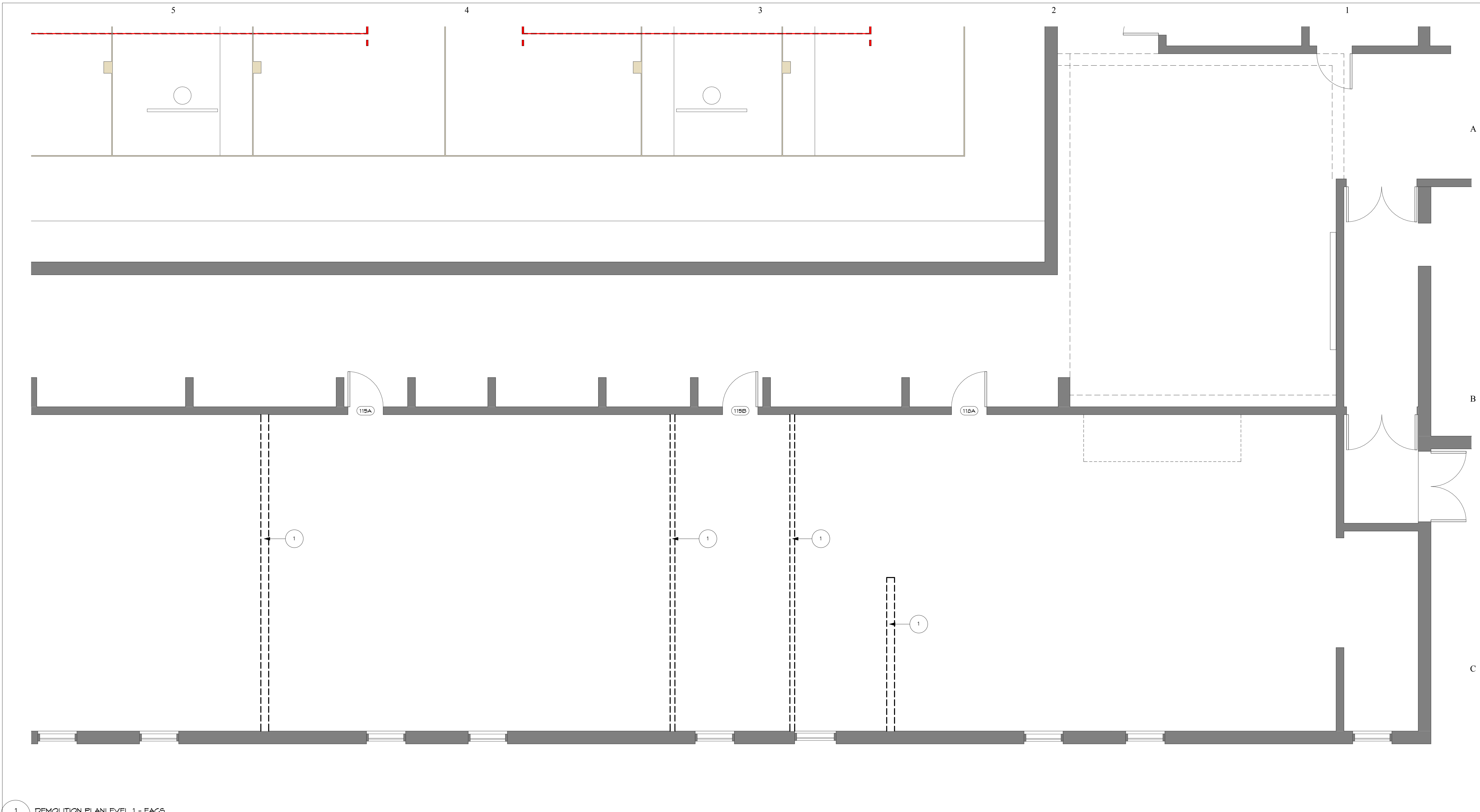
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

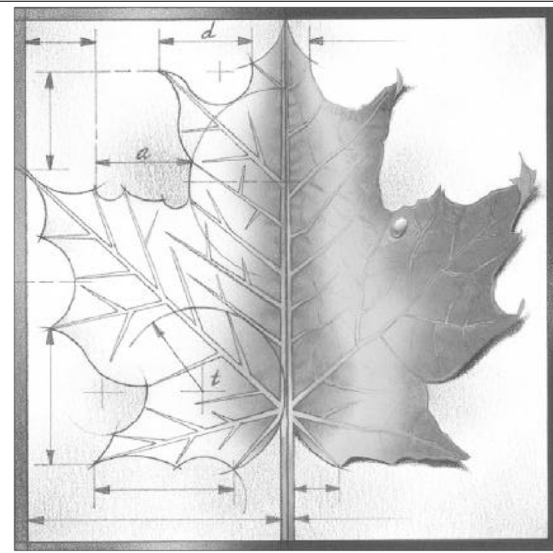
Sheet Title:
**DEMO PLAN-
NEW LOCKER
ROOMS**

Sheet:
D104

OF:



1
D105 DEMOLITION PLAN LEVEL 1 - FACS
1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

DEMOLITION NOTES:

- 1 REMOVE EXISTING WALL
- 2 REMOVE EXISTING LOCKERS
- 3 REMOVE EXISTING DOOR, FRAME AND TRIM
- 4 REMOVE EXISTING STOREFRONT FRAME AND DOOR
- 5 REMOVE EXISTING PLUMBING FIXTURE
- 6 REMOVE EXISTING TOILET PARTITIONS
- 7 REMOVE EXISTING MASONRY WALL FOR INSTALLATION OF NEW DOOR OR WINDOW
- 8 REMOVE EXISTING SHOWER UNIT
- 9 REMOVE EXISTING CONCRETE STAIRS AND LANDING
- 10 REMOVE EXISTING COUNTERTOP

| REV | DESC | DATE |
|-----|------|------|
| | | |

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

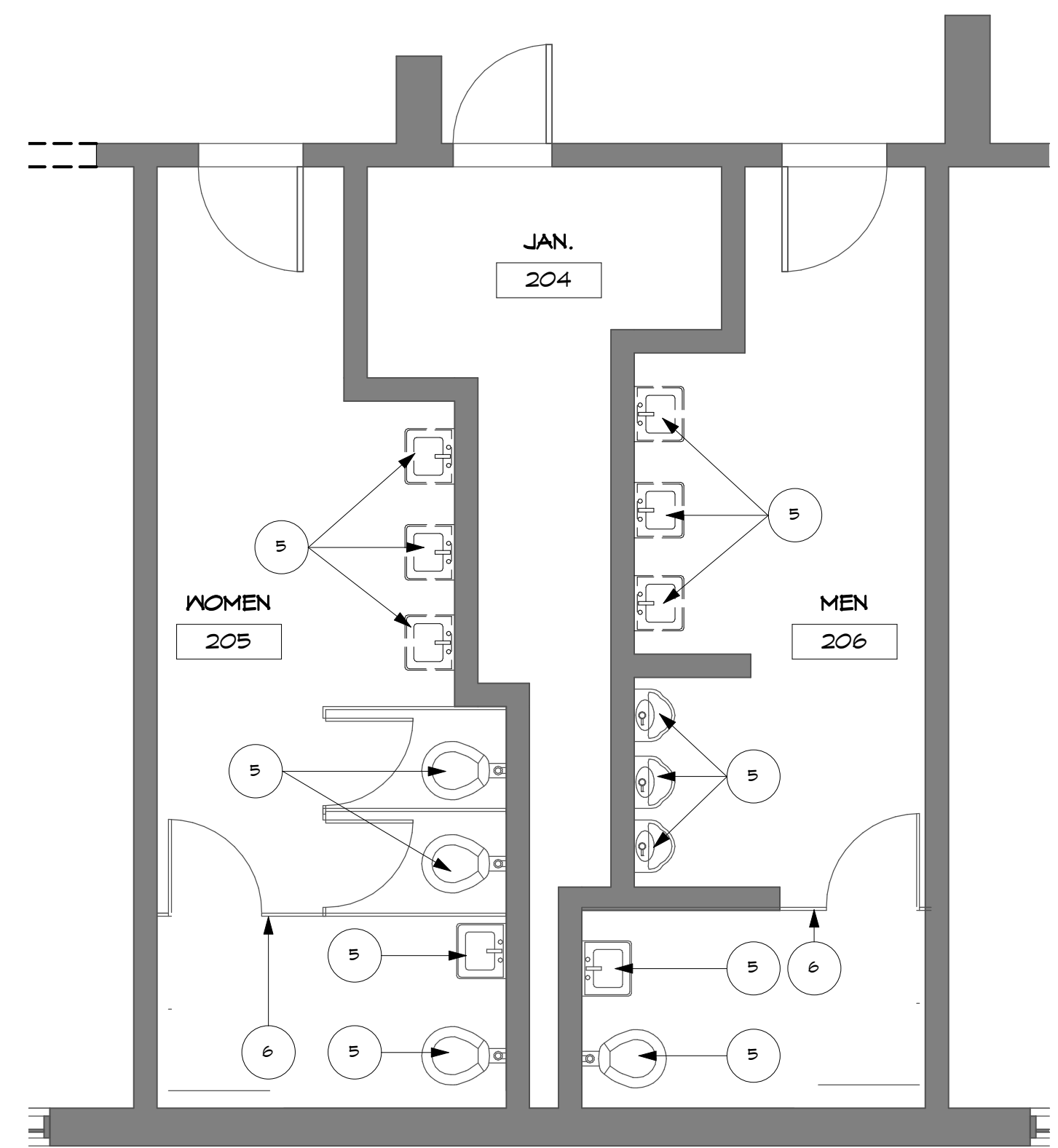
Sheet Title:

**DEMO PLAN -
FACS ROOM**

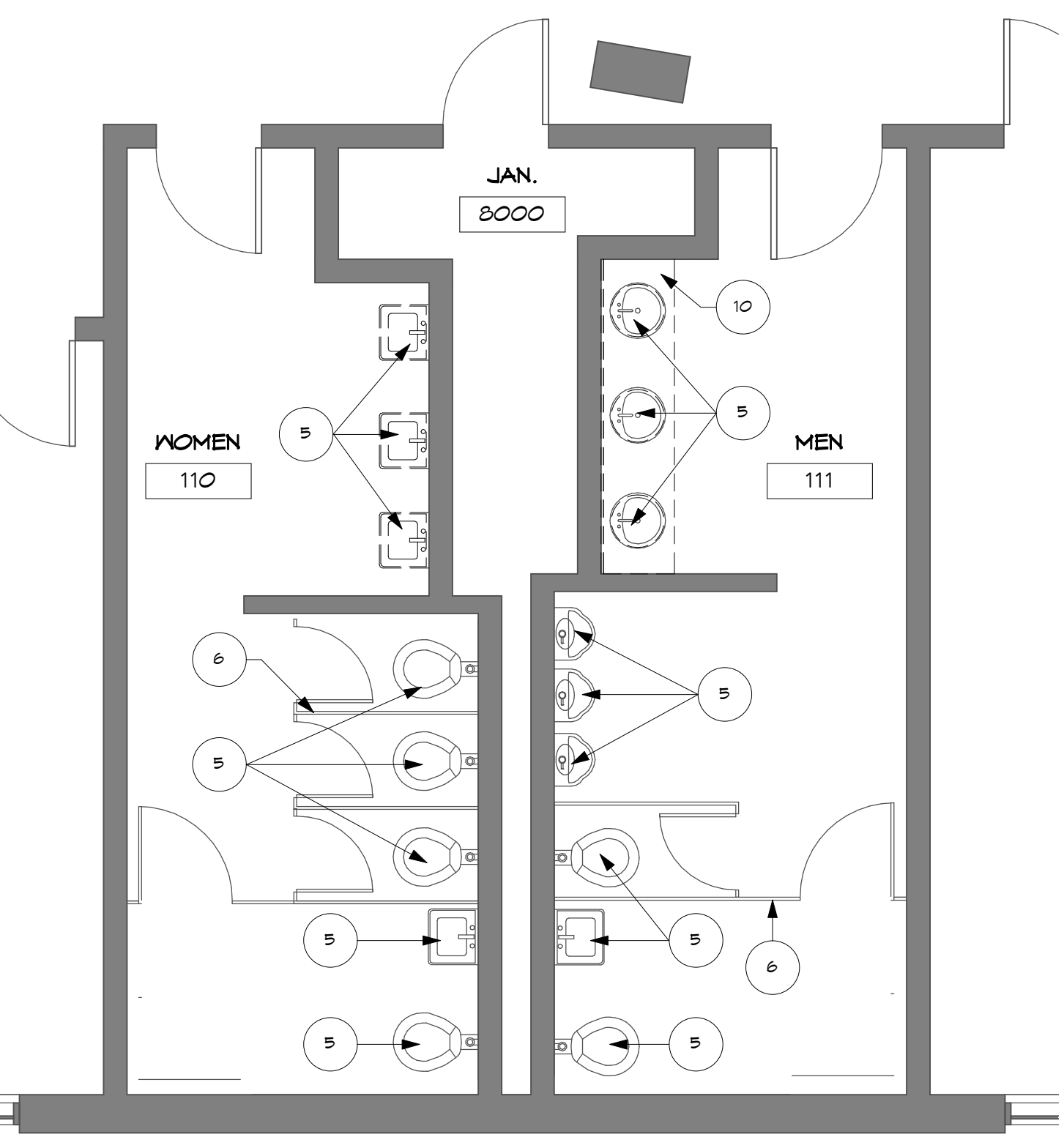
Sheet: **D105**

Of:

5 4

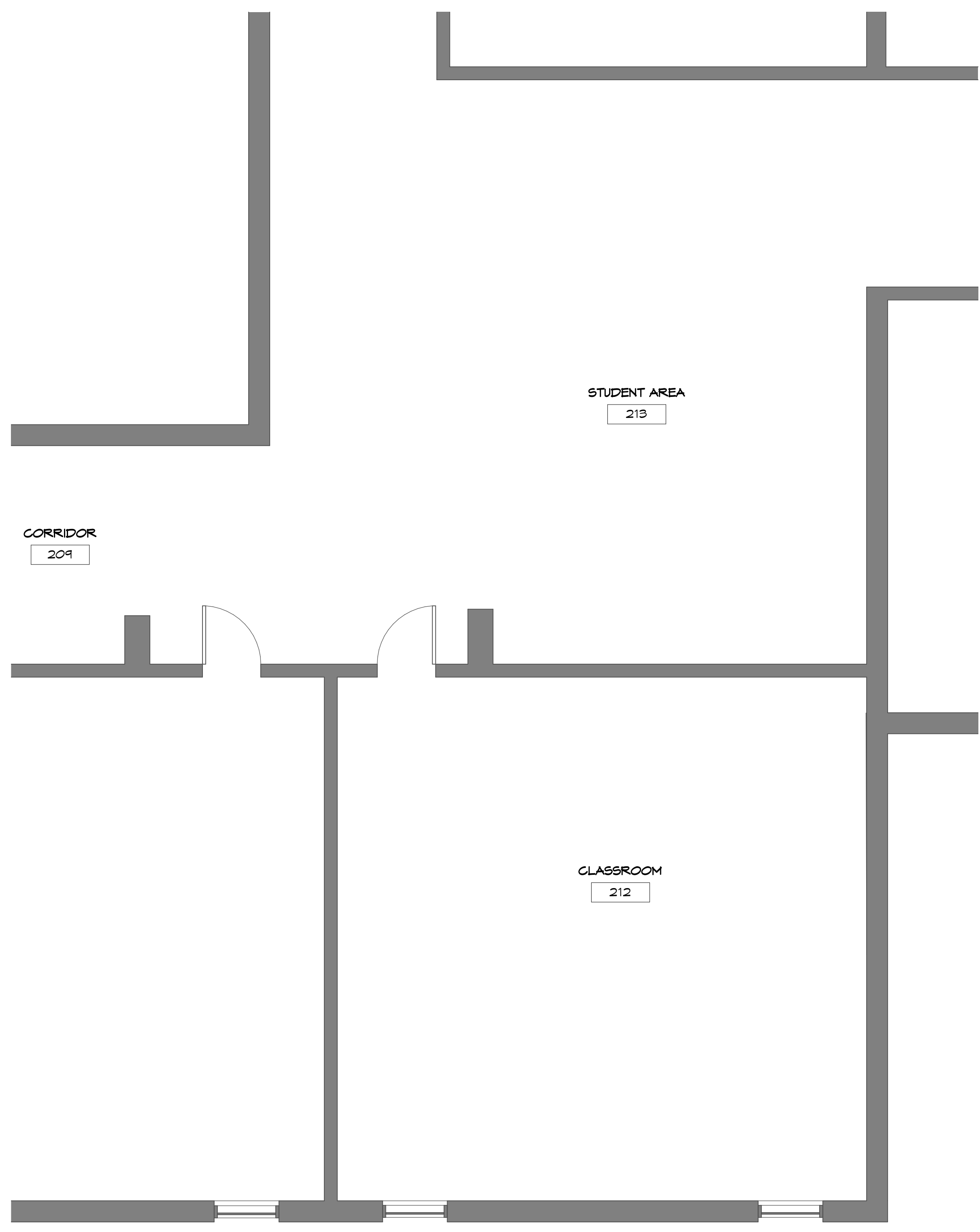


1
D106
DEMOLITION PLAN LEVEL 2 -
RESTROOMS
1/4" = 1'-0"

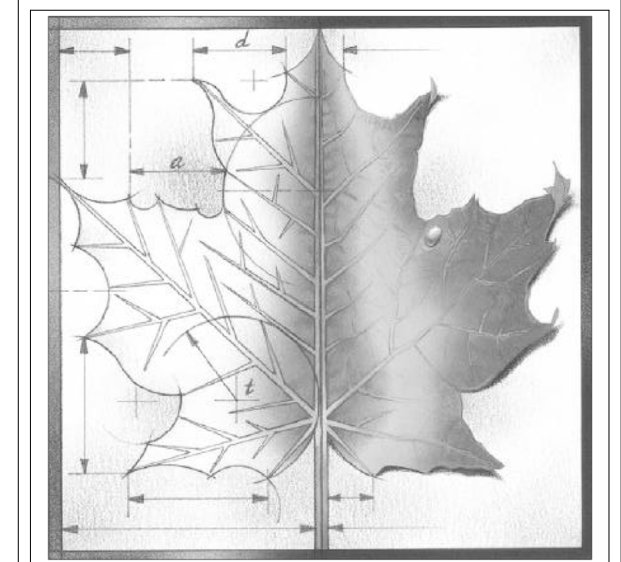


2
D106
DEMOLITION PLAN LEVEL 1 -
RESTROOMS
1/4" = 1'-0"

3 2 1



3
D106
DEMOLITION PLAN LEVEL 2 - STUDENT
AREA
1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

- DEMOLITION NOTES:
- 1 REMOVE EXISTING WALL
 - 2 REMOVE EXISTING LOCKERS
 - 3 REMOVE EXISTING DOOR, FRAME AND TRIM
 - 4 REMOVE EXISTING STOREFRONT FRAME AND DOOR
 - 5 REMOVE EXISTING PLUMBING FIXTURE
 - 6 REMOVE EXISTING TOILET PARTITIONS
 - 7 REMOVE EXISTING MASONRY WALL FOR INSTALLATION OF NEW DOOR OR WINDOW
 - 8 REMOVE EXISTING SHOWER UNIT
 - 9 REMOVE EXISTING CONCRETE STAIRS AND LANDING
 - 10 REMOVE EXISTING COUNTERTOP

| REV | DESC | DATE |
|-------------------------------------|------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

Sheet Title:

**DEMOLITON
PLANS -
RESTROOMS**

Sheet:
D106

Of:

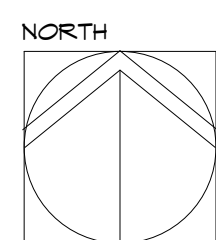
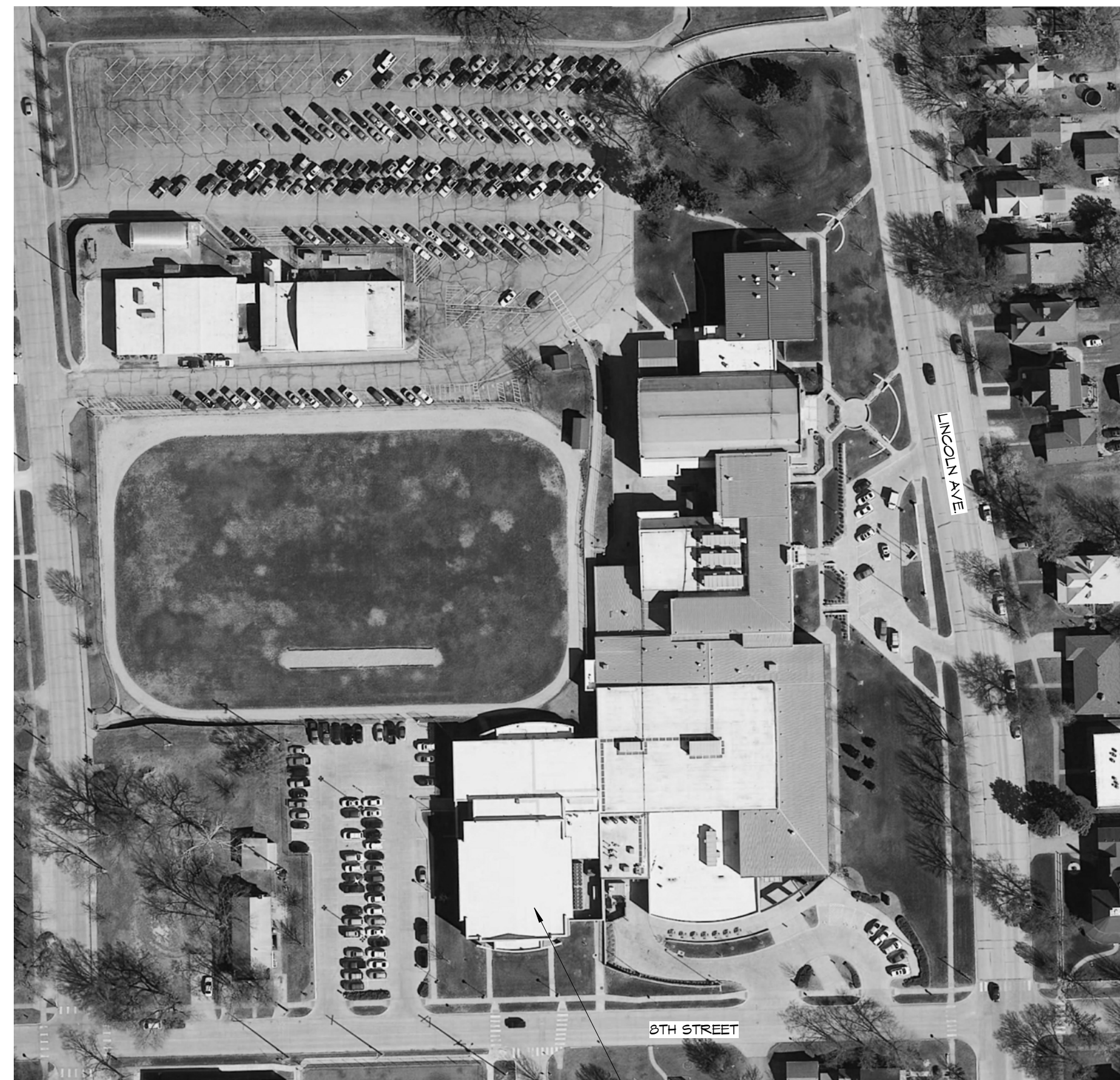
5

4

3

2

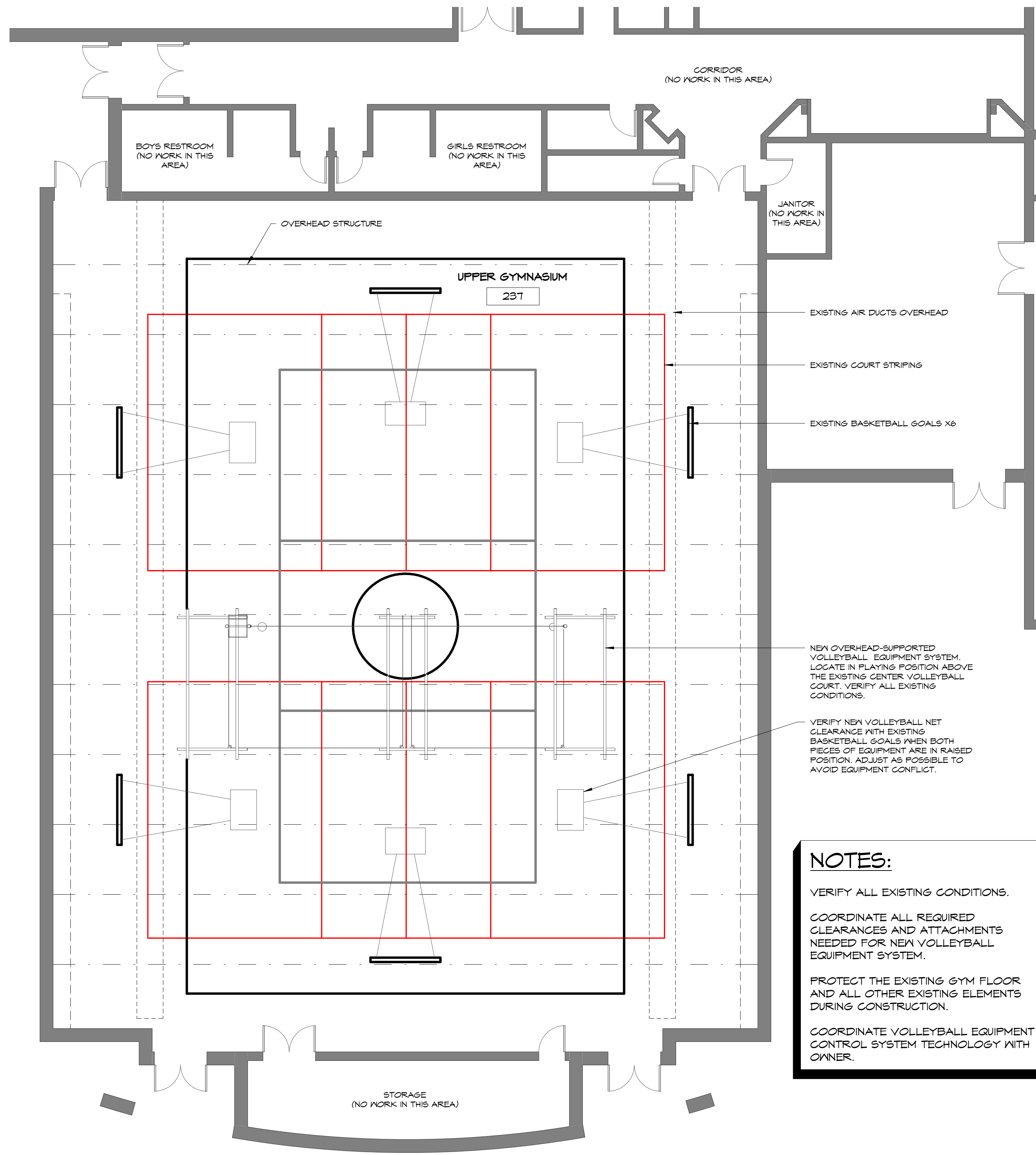
1



AERIAL SITE PLAN
1" = 100'-0"

UPPER GYMNASIUM LOCATION

D3 UPPER GYM
A101 1/8" = 1'-0"

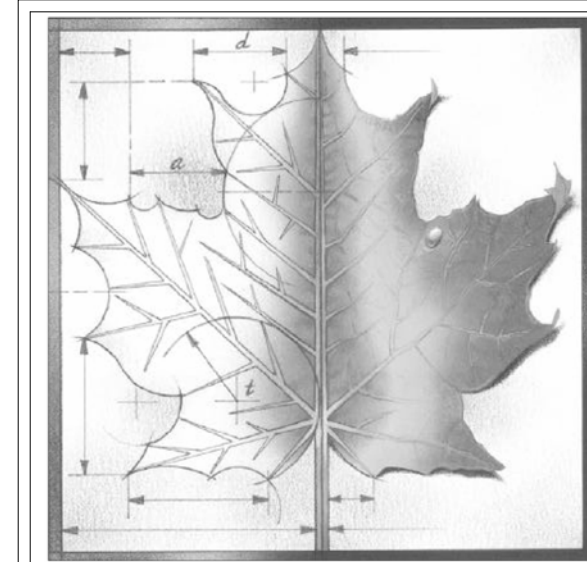


NOTES:

- VERIFY ALL EXISTING CONDITIONS.
- COORDINATE ALL REQUIRED CLEARANCES AND ATTACHMENTS NEEDED FOR NEW VOLLEYBALL EQUIPMENT SYSTEM.
- PROTECT THE EXISTING GYM FLOOR AND ALL OTHER EXISTING ELEMENTS DURING CONSTRUCTION.
- COORDINATE VOLLEYBALL EQUIPMENT CONTROL SYSTEM TECHNOLOGY WITH OWNER.

NEW OVERHEAD-SUPPORTED VOLLEYBALL EQUIPMENT SYSTEM. LOCATE IN PLAYING POSITION ABOVE THE EXISTING CENTER VOLLEYBALL COURT. VERIFY ALL EXISTING CONDITIONS.

VERIFY NEW VOLLEYBALL NET CLEARANCE WITH EXISTING BASKETBALL GOALS WHEN BOTH PIECES OF EQUIPMENT ARE IN RAISED POSITION. ADJUST AS POSSIBLE TO AVOID EQUIPMENT CONFLICT.



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET - NOT FOR CONSTRUCTION

Project Number: **Project Number**
Date: **Issue Date**

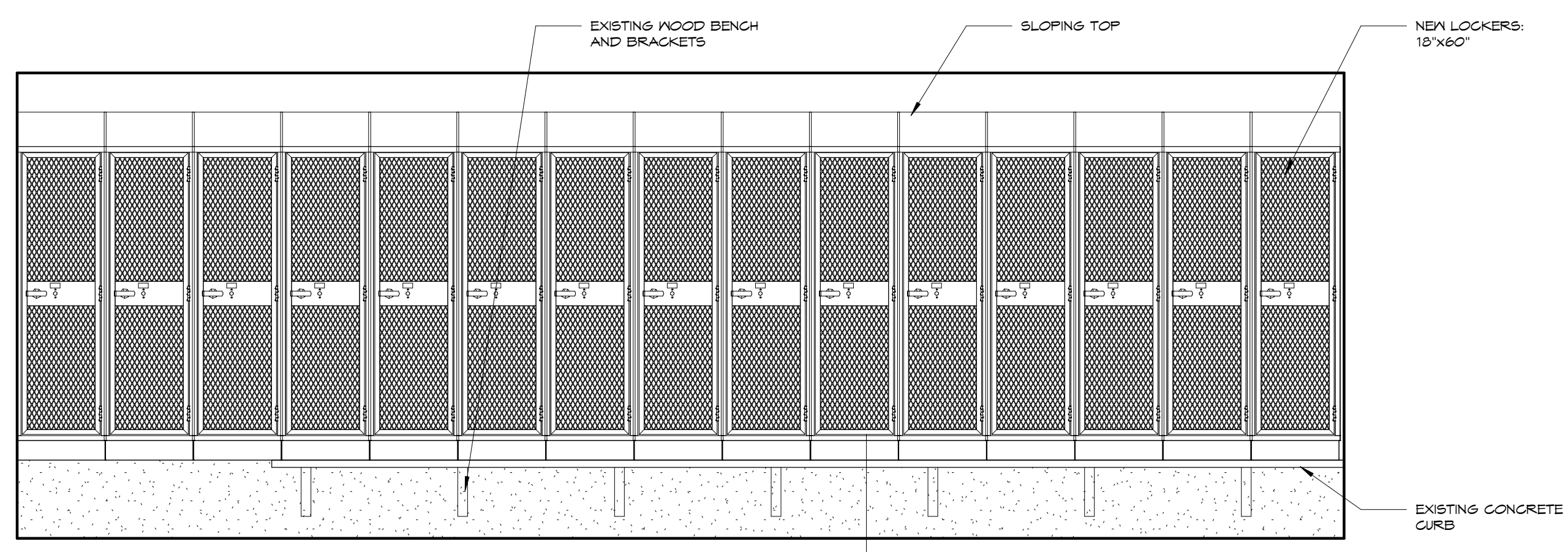
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

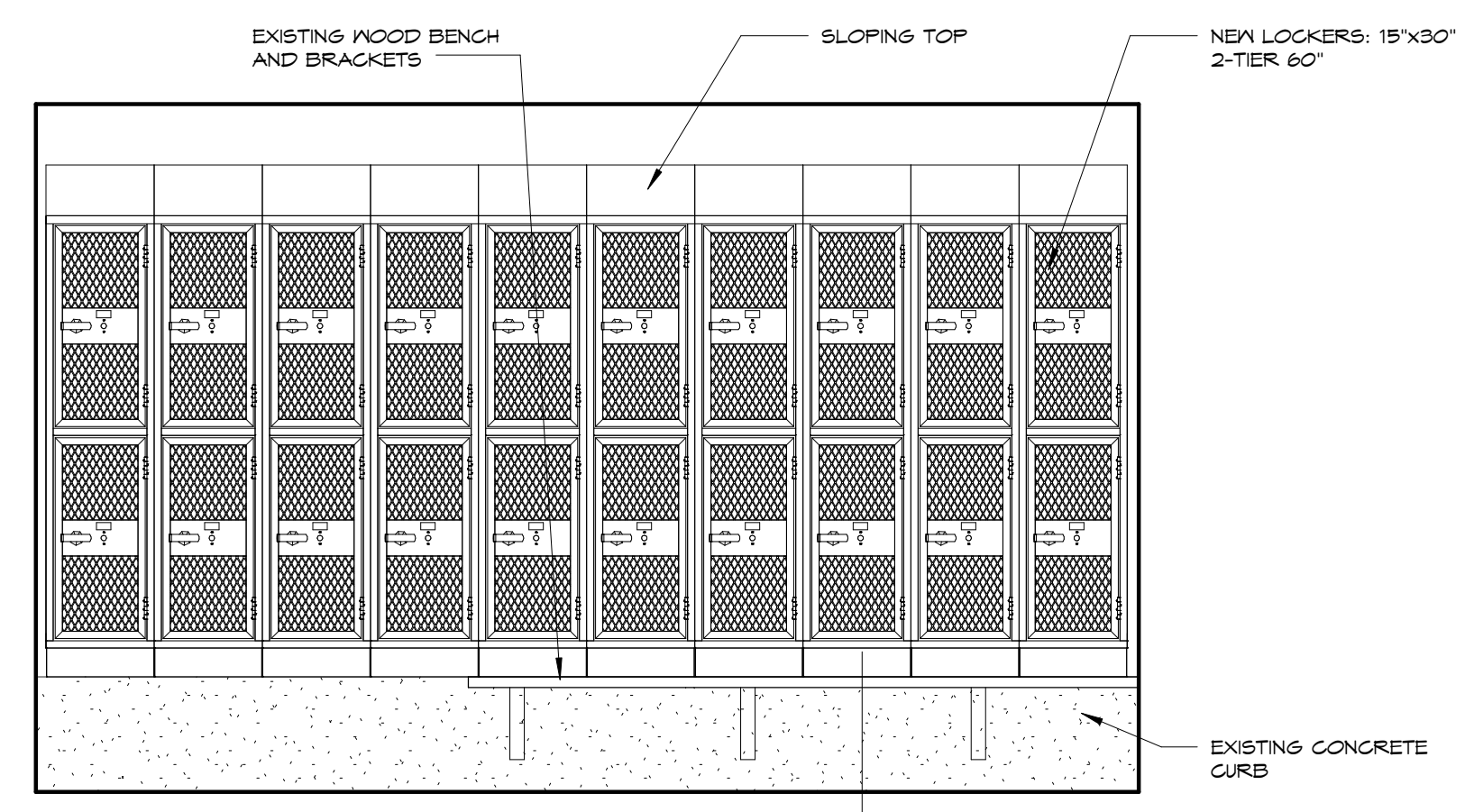
Sheet Title:
UPPER GYMNASIUM

Sheet:
A101

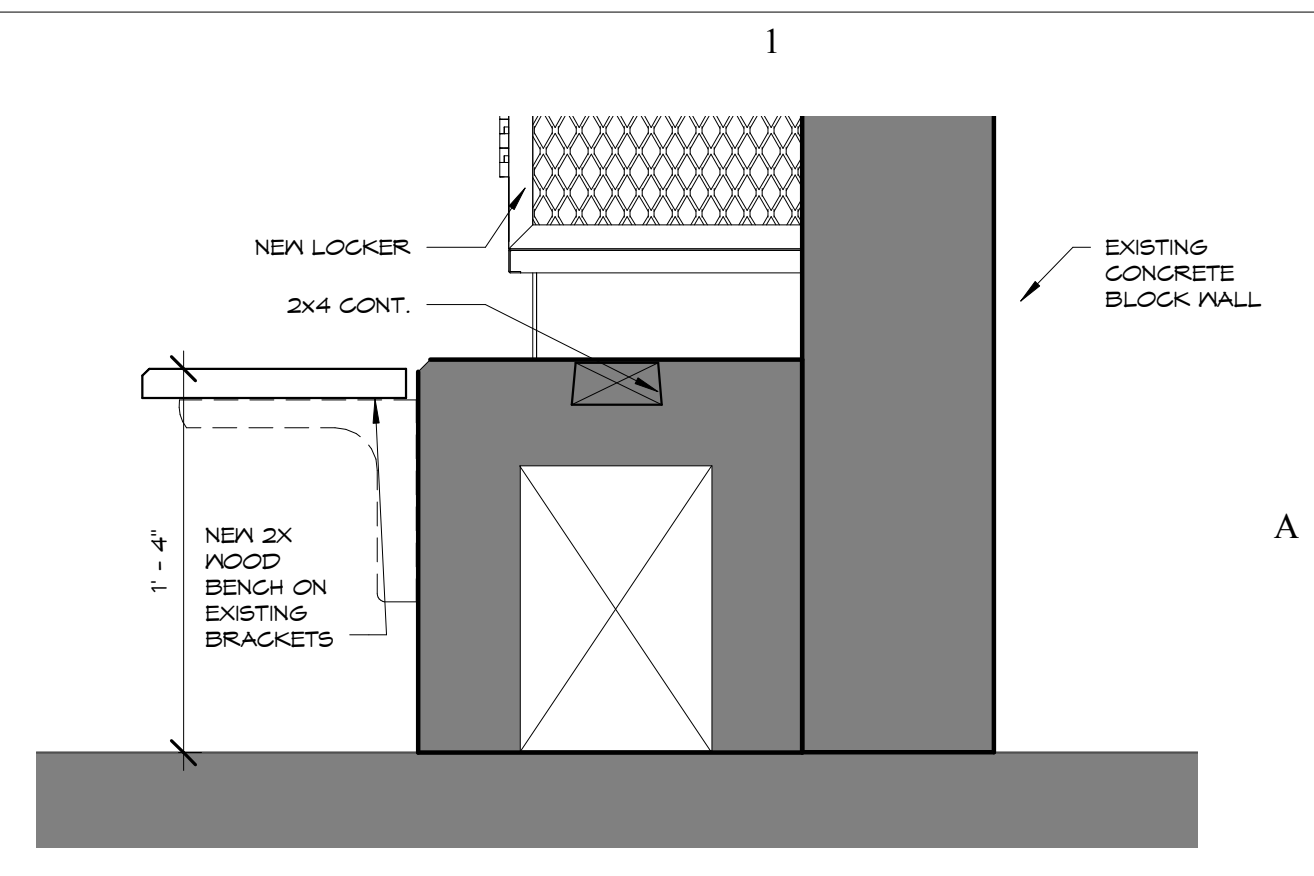
PRICING SET - NOT FOR CONSTRUCTION



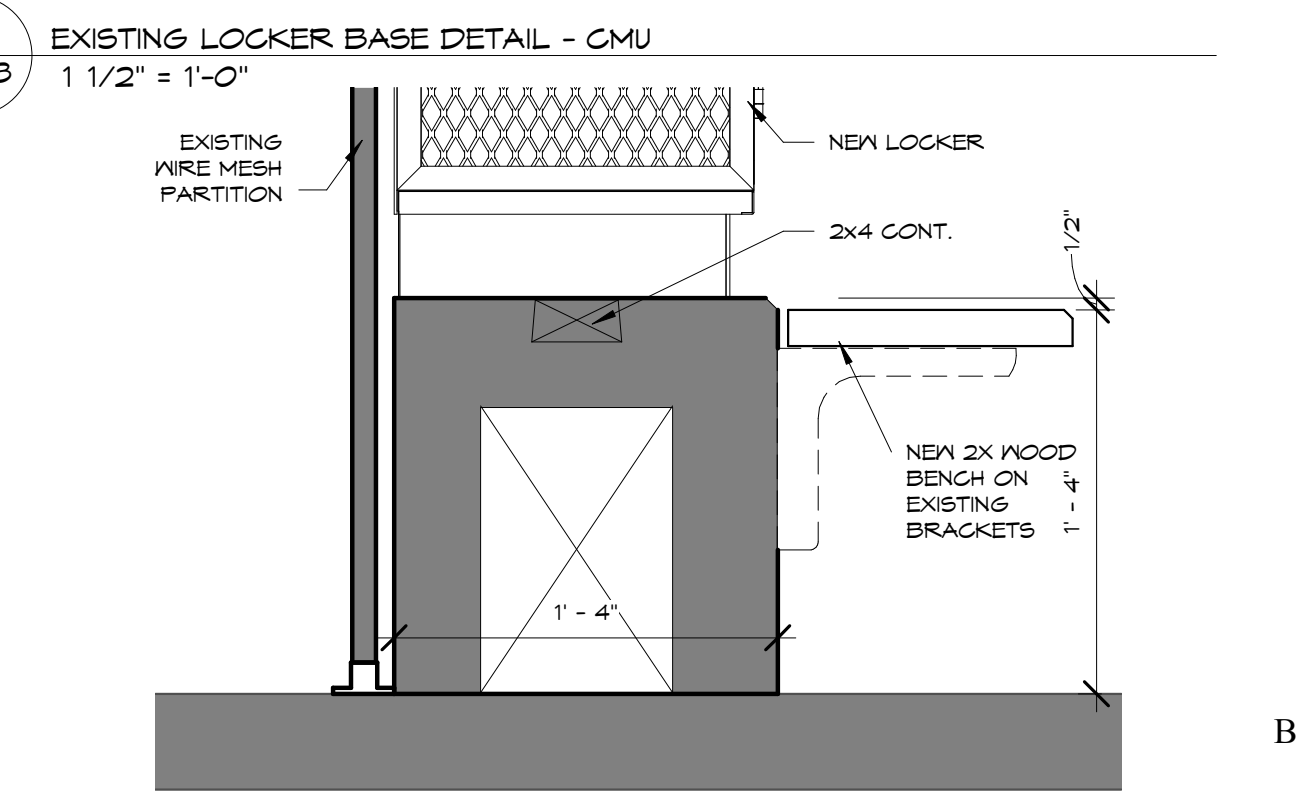
2
A103 TYPICAL 18'X60' LOCKER @ EXISTING LOCKER ROOM
1/2" = 1'-0"



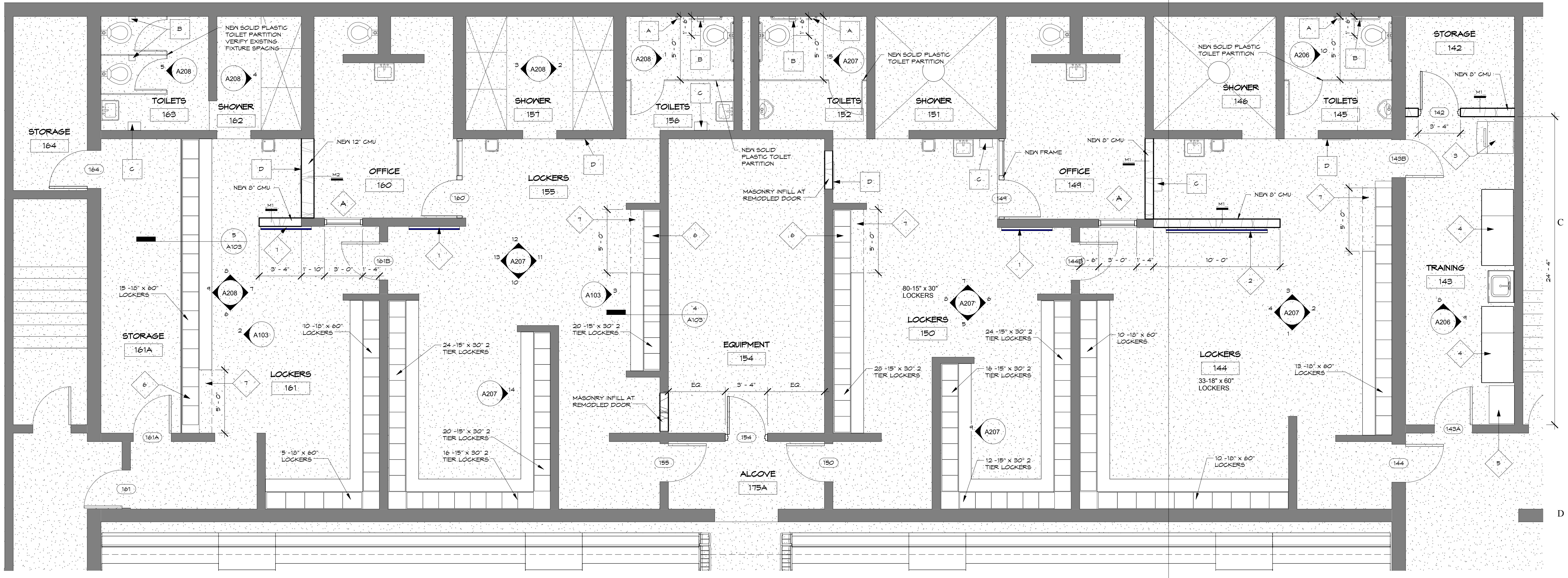
3
A103 TYPICAL 15'X30' 2 TIER LOCKER @ EXISTING LOCKER ROOM
1/2" = 1'-0"



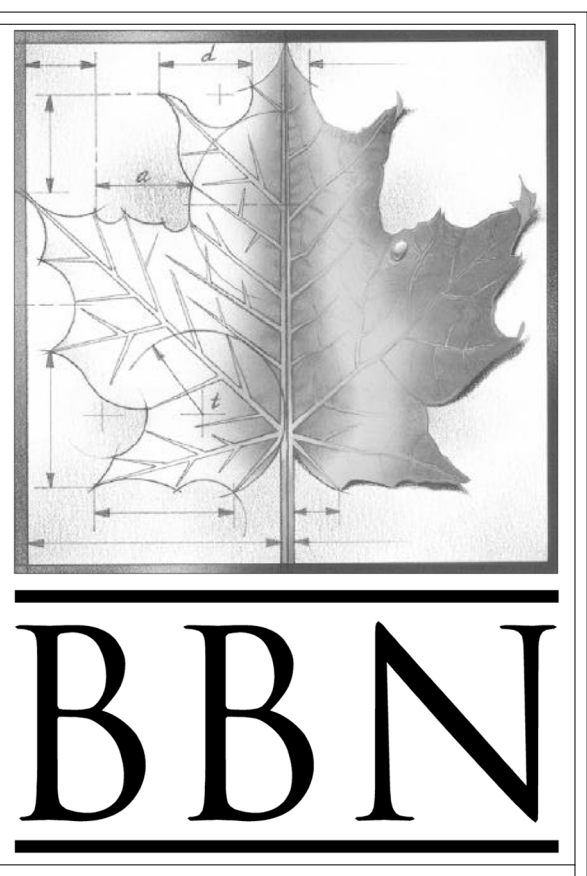
4
A103 EXISTING LOCKER BASE DETAIL - CMU
1 1/2" = 1'-0"



5
A103 EXISTING LOCKER BASE DETAIL - MESH PARTITION
1 1/2" = 1'-0"



1
A103 EXISTING P.E. LOCKERS - FLOOR PLAN
1/4" = 1'-0"



BBN
BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

PLAN NOTES

1. 4' X 4' MARKER BOARD
2. 4' X 6' MARKER BOARD
3. ICE MACHINE
4. TRAINING TABLE - BY OWNER
5. TALL STORAGE CABINET - BY OWNER
6. ACCESSIBLE LOCKER
7. REMOVE PORTION OF EXISTING WOOD BENCH AND BRACKETS. REINSTALL 1 BRACKET TO SUPPORT END OF REMAINING BENCH.
8. WASHER / EXTRACTOR
9. HIGH CAPACITY CLOTHES DRYER
10. 4'-0" X 4'-6" X 6" TH. RAISED CONG. PAD
11. 4'-6" X 4'-0" X 6" TH. RAISED CONG. PAD

- TOILET ACCESSORIES KEY
- A GRAB BARS - 36" AND 42"
 - B TOILET TISSUE DISPENSER - BY OWNER
 - C PAPER TOWEL DISPENSER - BY OWNER
 - D 24" X 60" ANGLE FRAME MIRROR
 - E 18" X 30" ANGLE FRAME MIRROR
 - F SOAP DISPENSER - BY OWNER
 - G 5'-0" X 5'-0" PLATE MIRROR

| REV | DESC | DATE |
|-----|------|------|
| | | |

PRICING SET
NOT FOR CONSTRUCTION

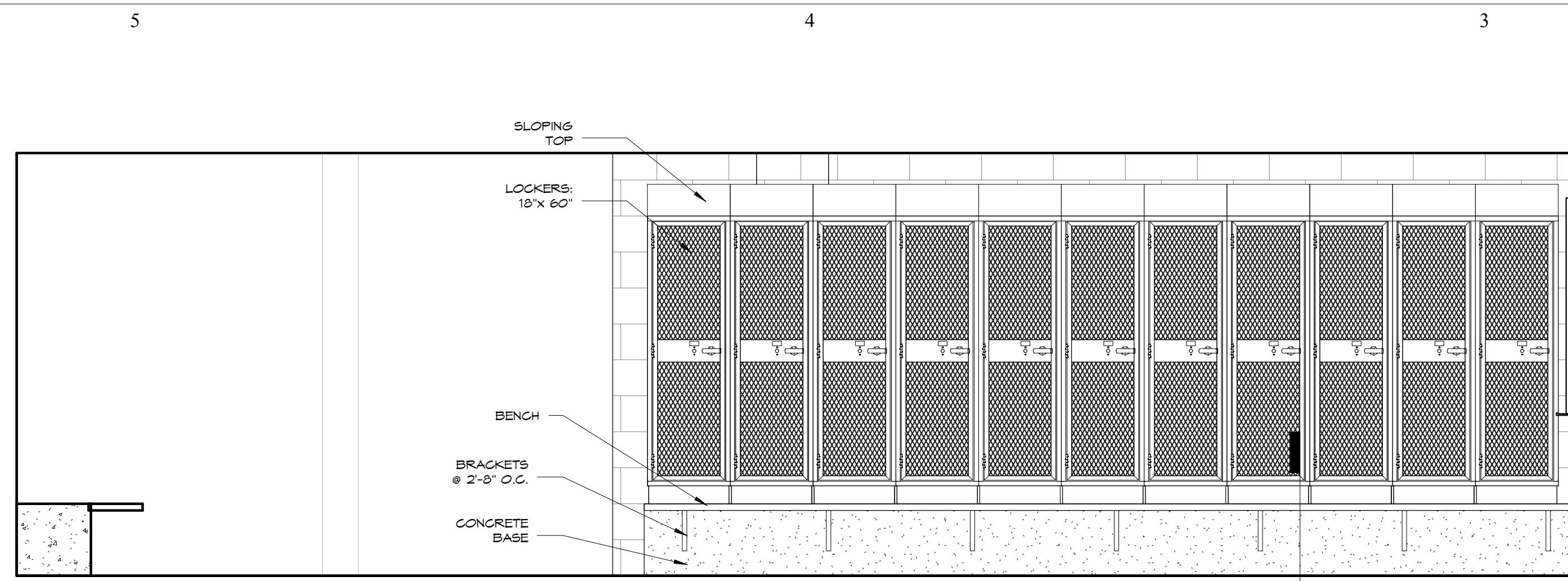
Project Number: **16036**
Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

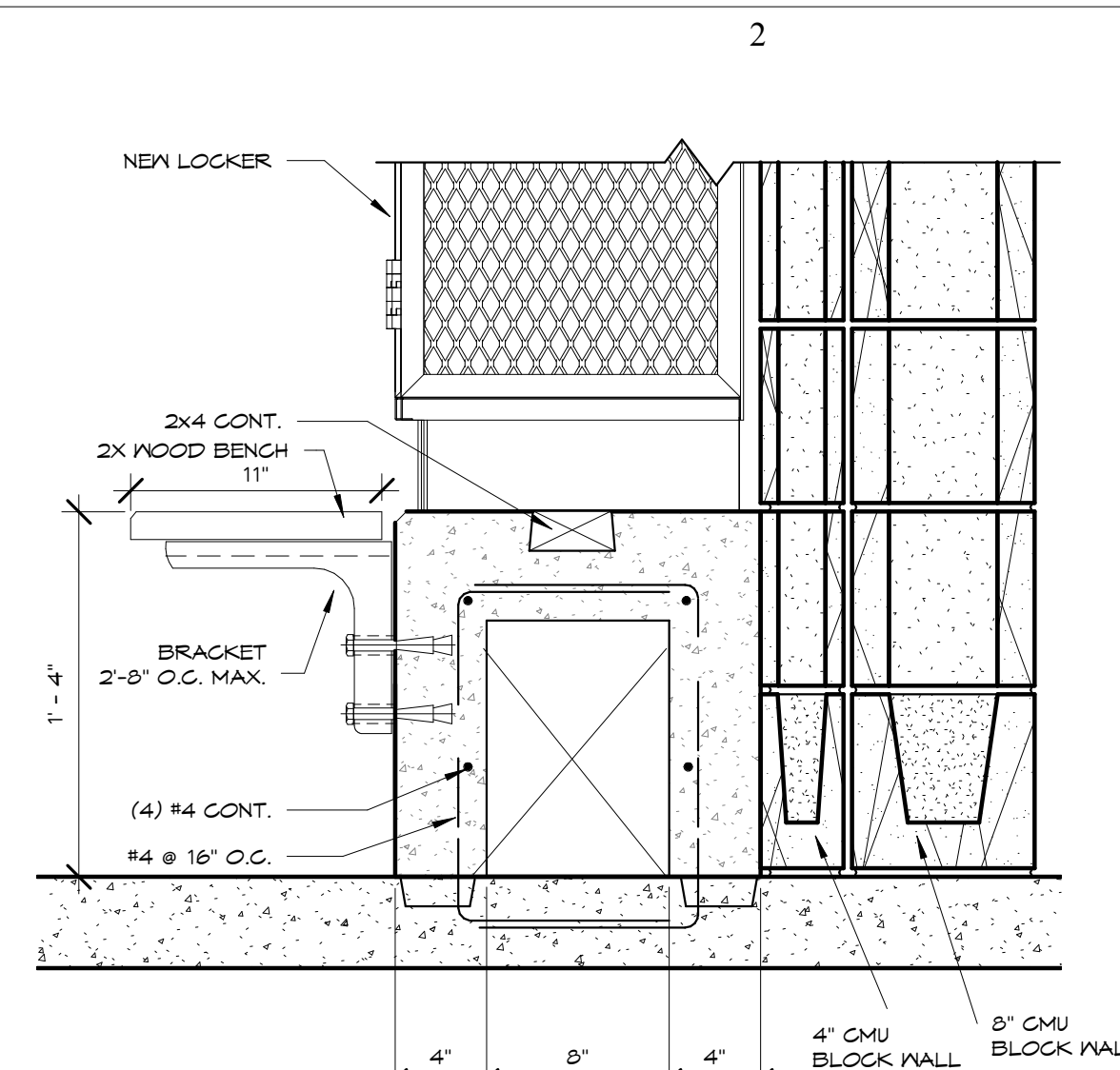
Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
EXISTING LOCKER ROOMS

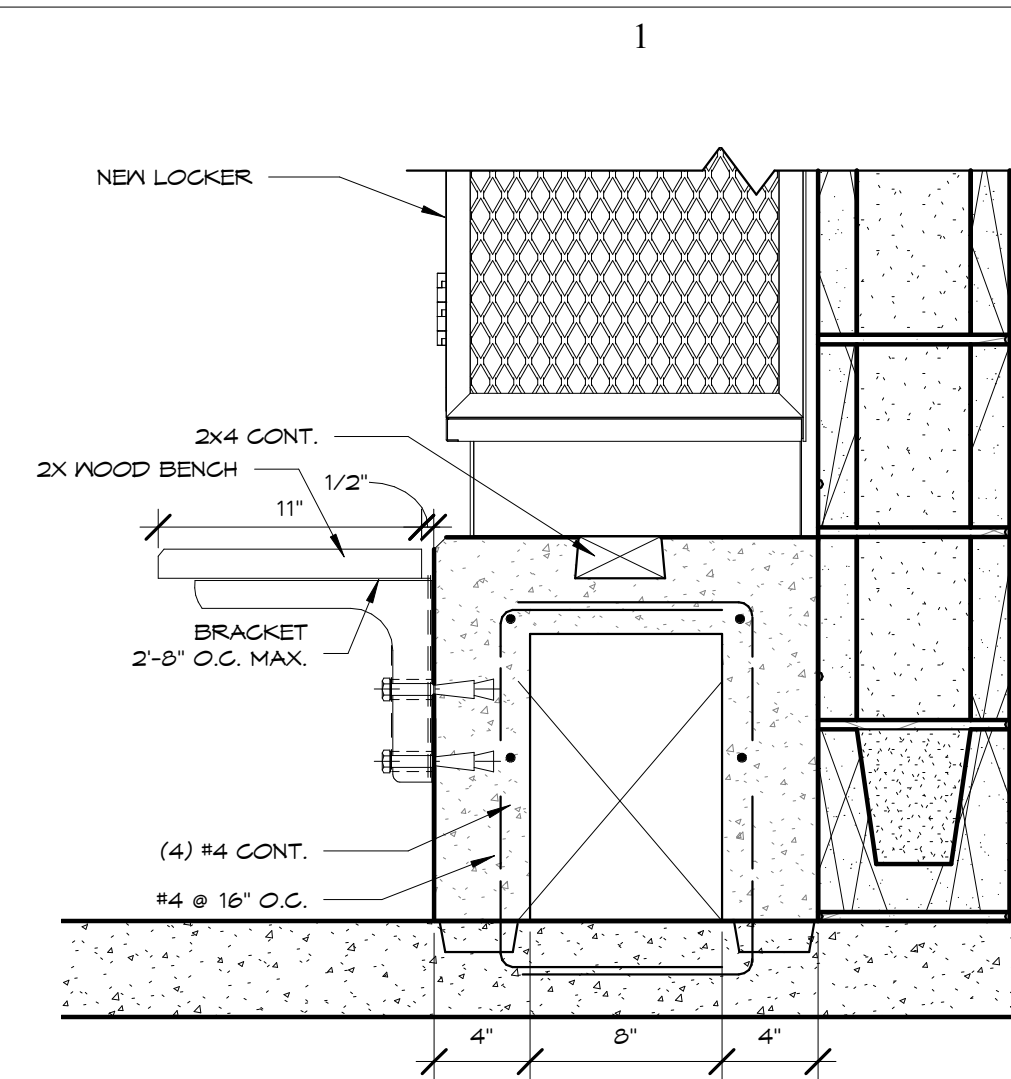
Sheet:
A103



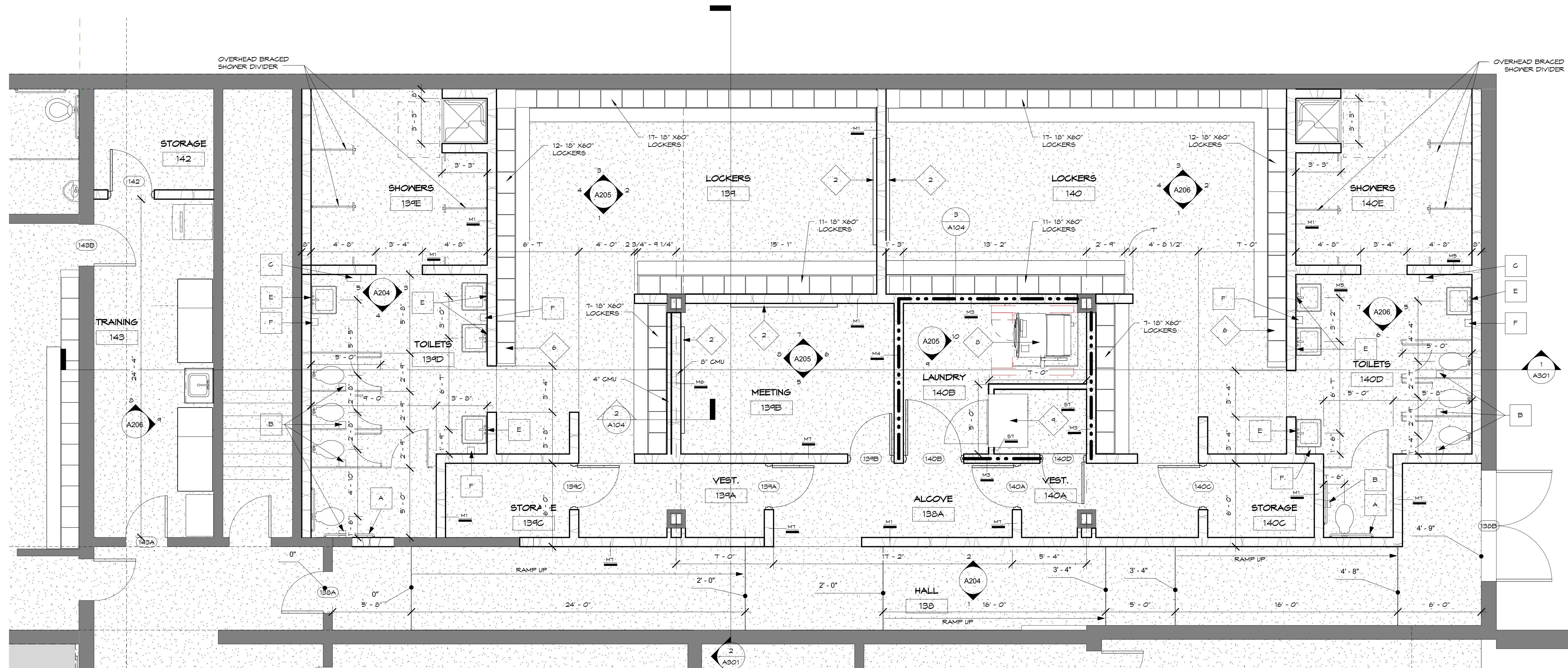
1
A104 TYPICAL LOCKER CONFIGURATION - NEW LOCKER ROOMS
1/2" = 1'-0"



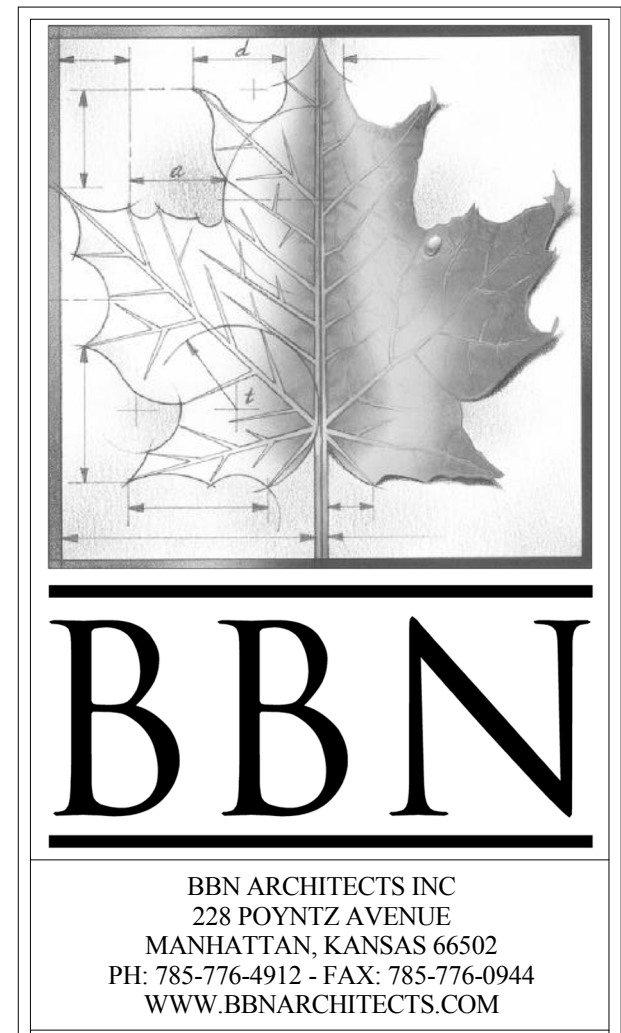
2
A104 NEW LOCKER BASE DETAIL - CMU (4'x8")
1 1/2" = 1'-0"



3
A104 NEW LOCKER BASE DETAIL - CMU (8")
1 1/2" = 1'-0"



4
A104 LEVEL 1 - NEW LOCKERS
1/4" = 1'-0"



BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

- PLAN NOTES
- 4' X 4' MARKER BOARD
 - 4' X 8' MARKER BOARD
 - ICE MACHINE
 - TRAINING TABLE - BY OWNER
 - TALL STORAGE CABINET - BY OWNER
 - ACCESSIBLE LOCKER
 - REMOVE PORTION OF EXISTING WOOD BENCH AND BRACKETS. REINSTALL 1 BRACKET TO SUPPORT END OF REMAINING BENCH.
 - WASHER / EXTRACTOR
 - HIGH CAPACITY CLOTHES DRYER
 - 4'-0" X 4'-6" X 6" TH. RAISED CONC. PAD
 - 4'-6" X 4'-0" X 6" TH. RAISED CONC. PAD

- TOILET ACCESSORIES KEY
- A GRAB BARS - 36" AND 42"
 - B TOILET TISSUE DISPENSER - BY OWNER
 - C PAPER TOWEL DISPENSER - BY OWNER
 - D 24" X 60" ANGLE FRAME MIRROR
 - E 18" X 30" ANGLE FRAME MIRROR
 - F SOAP DISPENSER - BY OWNER
 - G 5'-0" X 5'-0" PLATE MIRROR

| REV | DESC | DATE |
|-----|------|------|
| | | |

PRICING SET
NOT FOR CONSTRUCTION

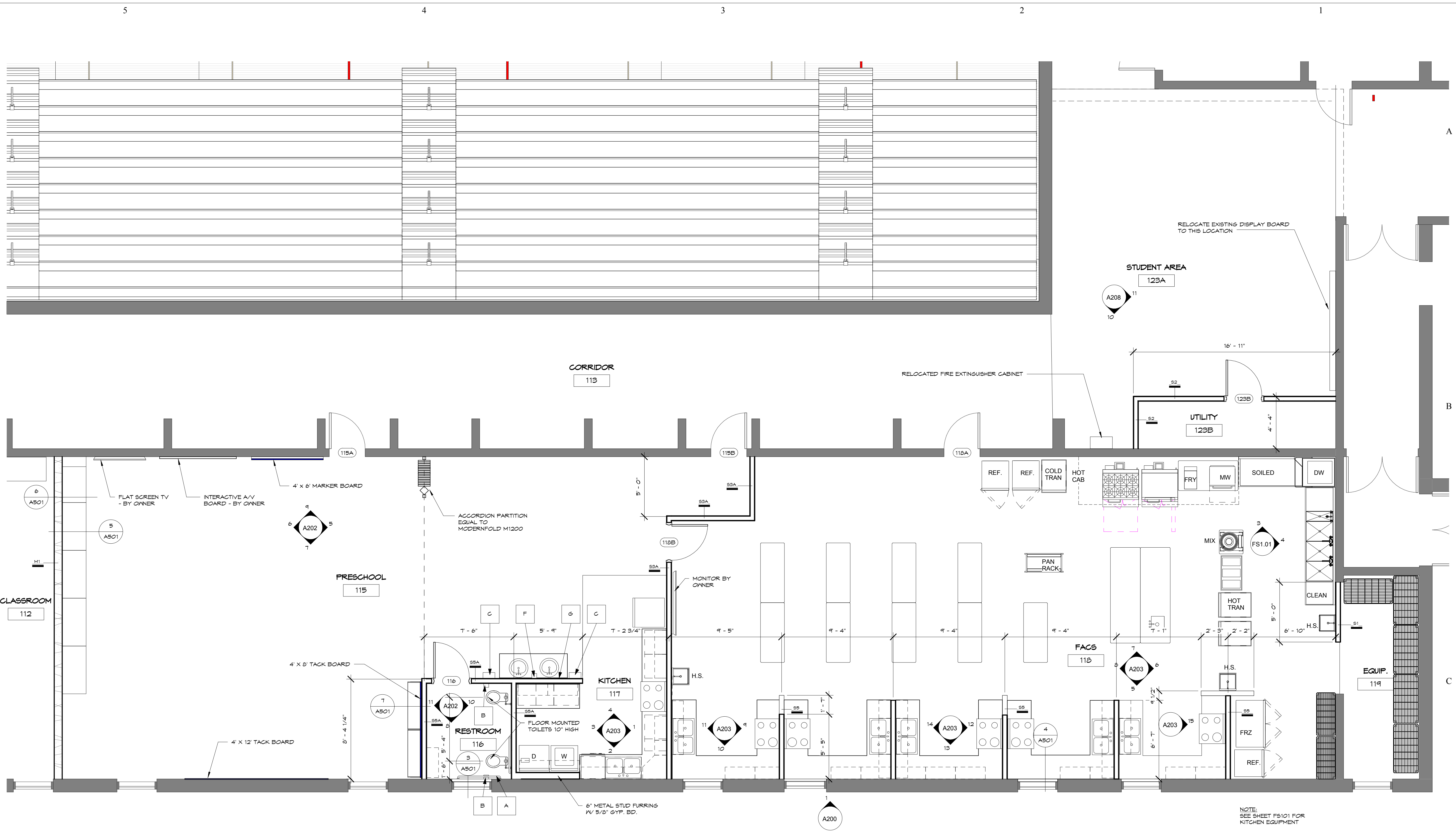
Project Number: 16036
Date: Issue Date

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

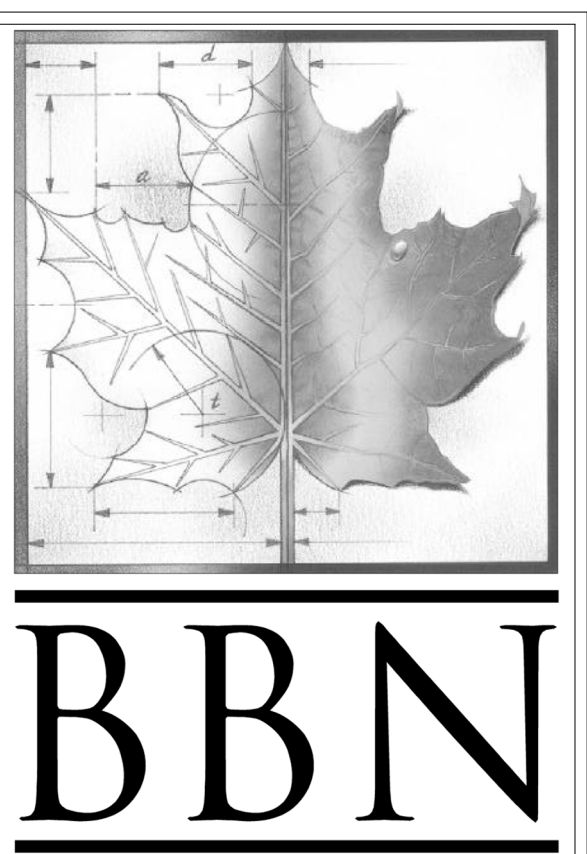
Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

Sheet Title:
NEW LOCKER ROOMS

Sheet:
A104



1 LEVEL 1 - FACS
 A105 1/4" = 1'-0"



BBN
 BBN ARCHITECTS INC
 228 POYNITZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

- TOILET ACCESSORIES KEY**
- A GRAB BARS - 36" AND 42" - BY OWNER
 - B TOILET TISSUE DISPENSER - BY OWNER
 - C PAPER TOWEL DISPENSER - BY OWNER
 - D 24" X 60" ANGLE FRAME MIRROR
 - E 18" X 30" ANGLE FRAME MIRROR
 - F SOAP DISPENSER - BY OWNER
 - G 5'-0" X 5'-0" PLATE MIRROR

| REV | DESC | DATE |
|-------------------------------------|------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

Project Number: **16036**
 Date: **Issue Date**

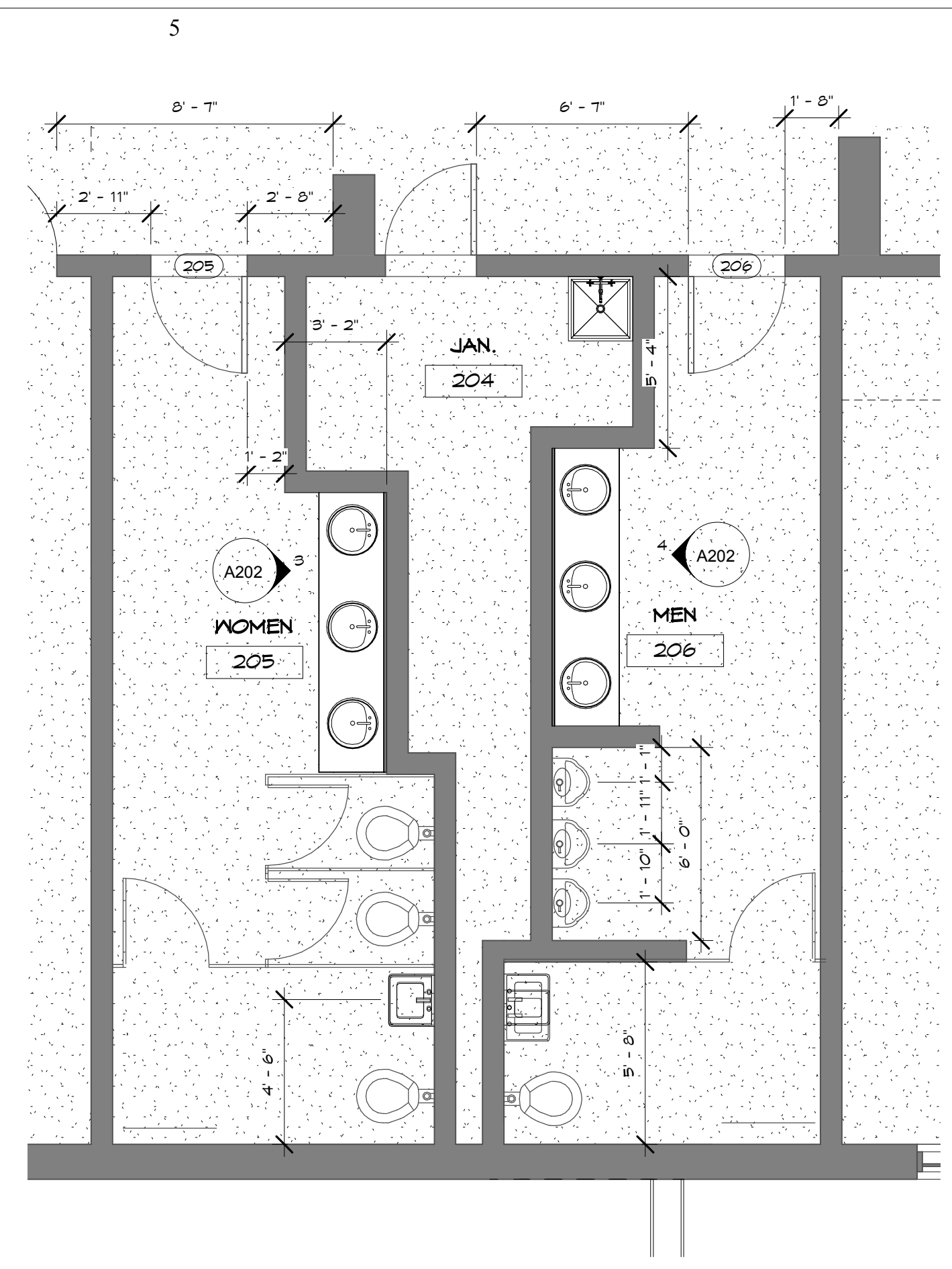
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
 WAMEGO, KS 66547**

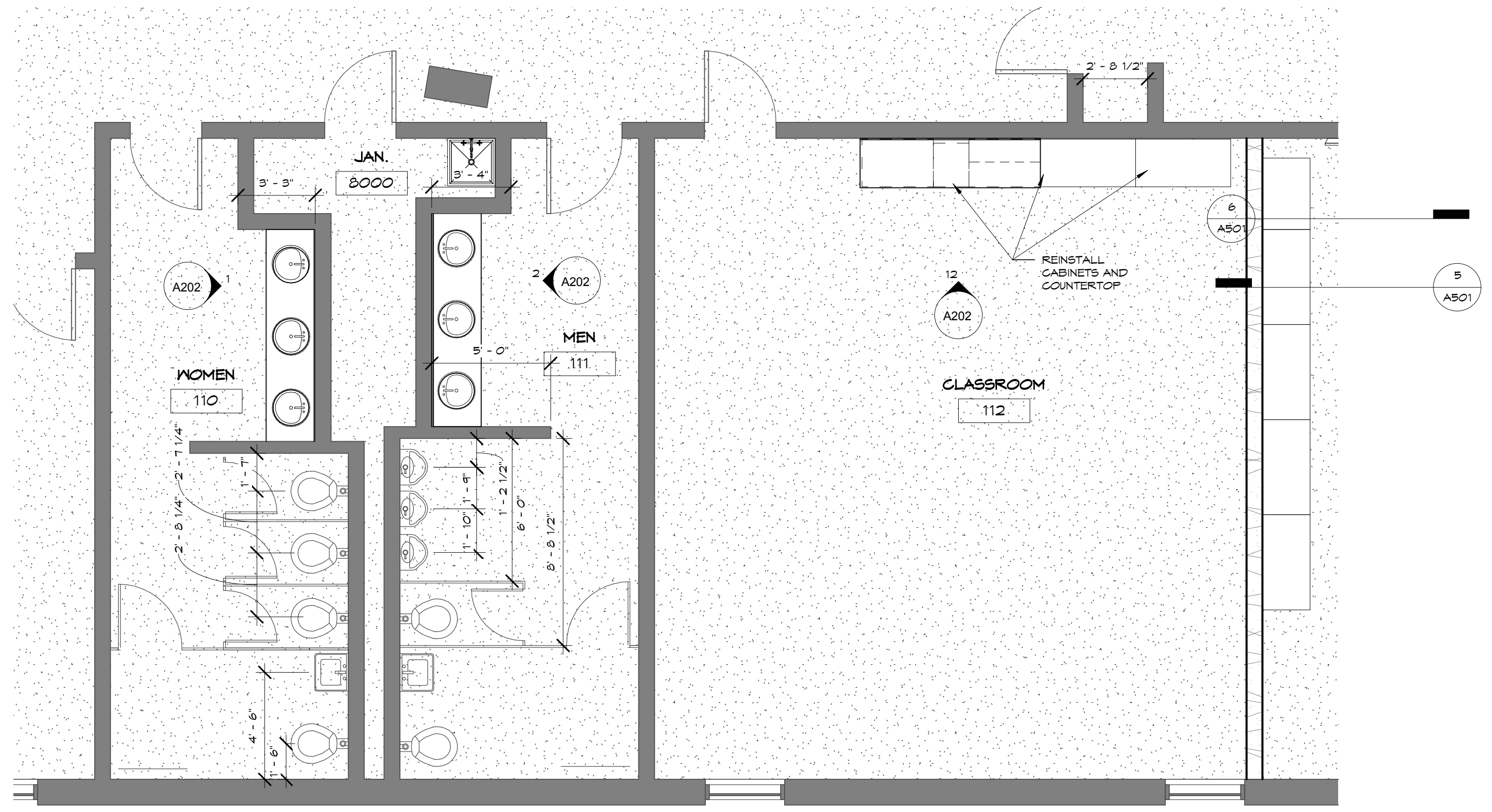
Sheet Title:
FACS FIRST FLOOR

Sheet:
A105

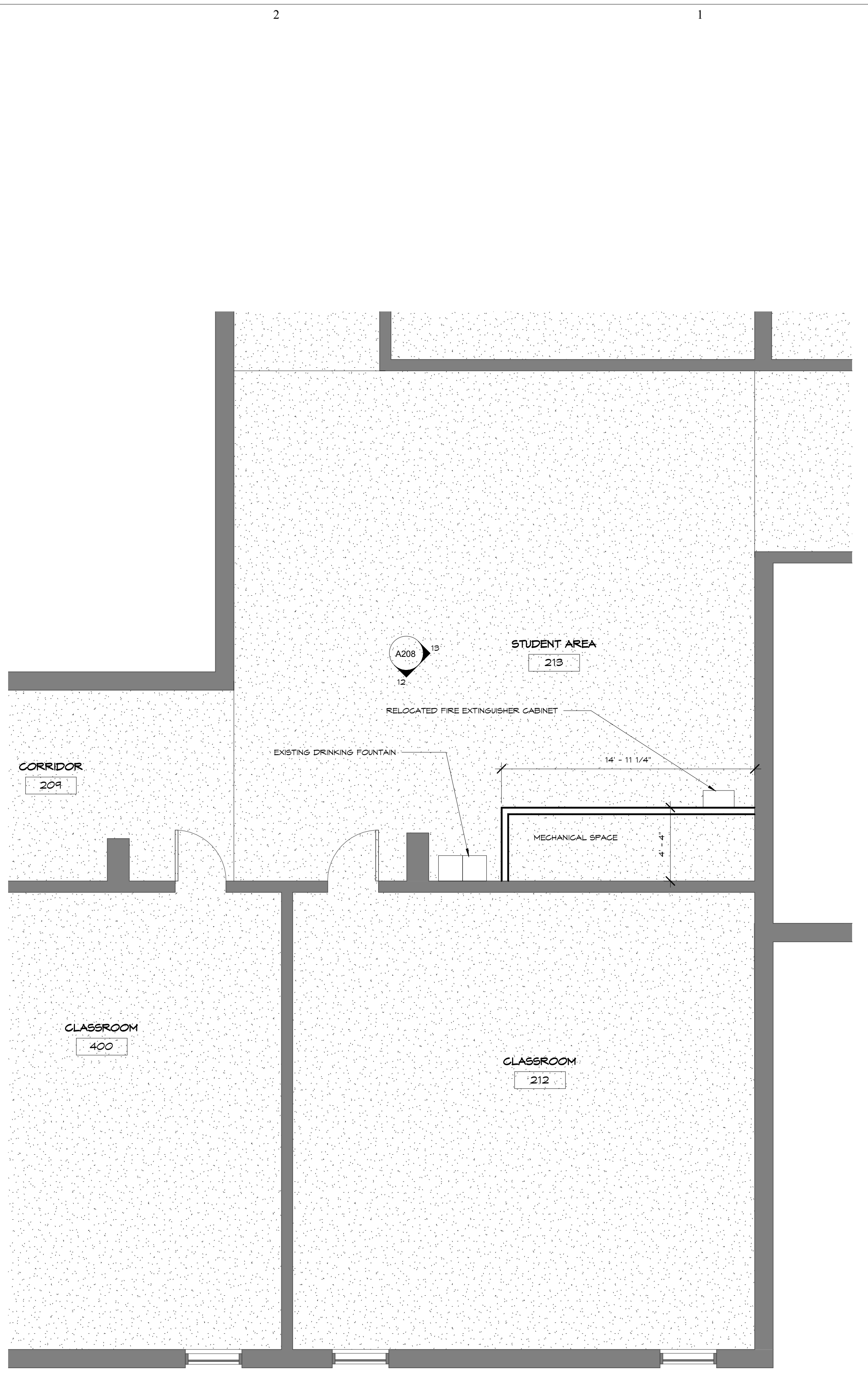
NOTE:
 SEE SHEET FS101 FOR
 KITCHEN EQUIPMENT



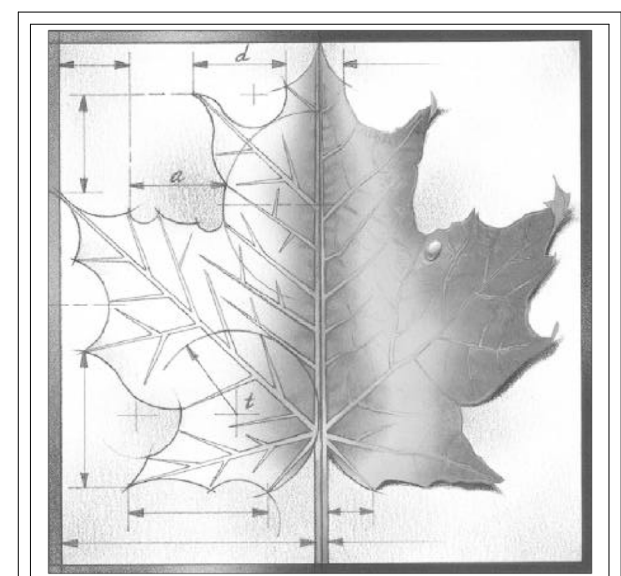
3 LEVEL 2 - RESTROOMS
 A106 1/4" = 1'-0"



2 LEVEL 1 - RESTROOMS
 A106 1/4" = 1'-0"



1 LEVEL 2 - STUDENT AREA
 A106 1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
 228 POYNTZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

**PRICING SET
 NOT FOR CONSTRUCTION**

Project Number: **16036**

Date: **Issue Date**

Project Name:

**USD 320 WAMEGO HIGH SCHOOL
 IMPROVEMENTS**

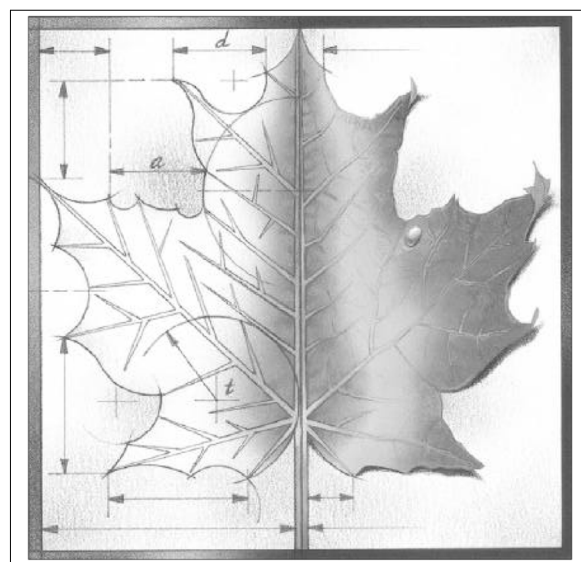
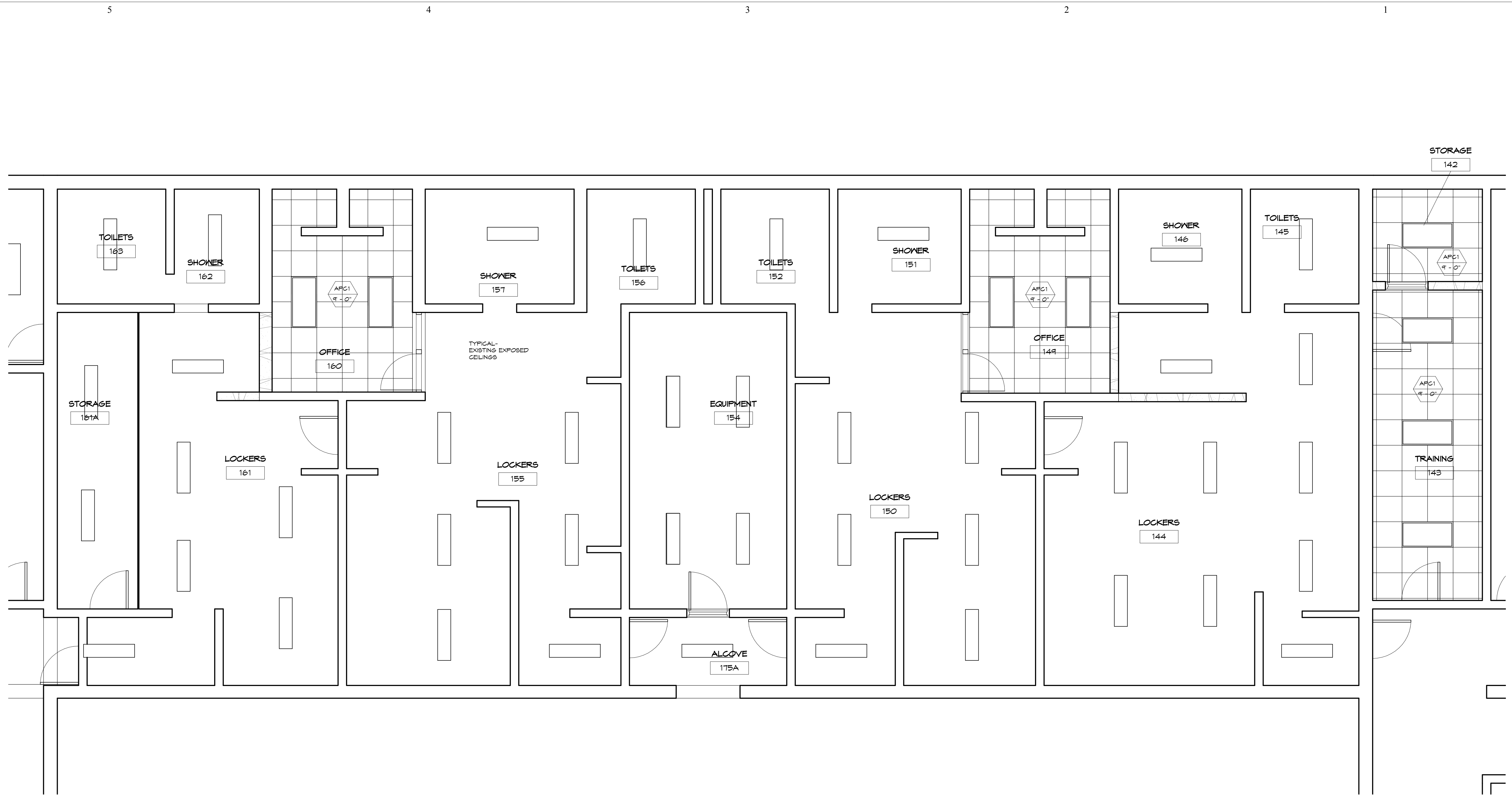
Project Address:
 801 LICNOLN AVENUE
 WAMEGO, KS 66547

Sheet Title:

**FACS SECOND
 FLOOR**

Sheet: **A106**

OF:



BBN

BBN ARCHITECTS INC
 228 POYNTZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
| | | |

**PRICING SET
 NOT FOR CONSTRUCTION**

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
 801 LICNOLN AVENUE
 WAMEGO, KS 66547

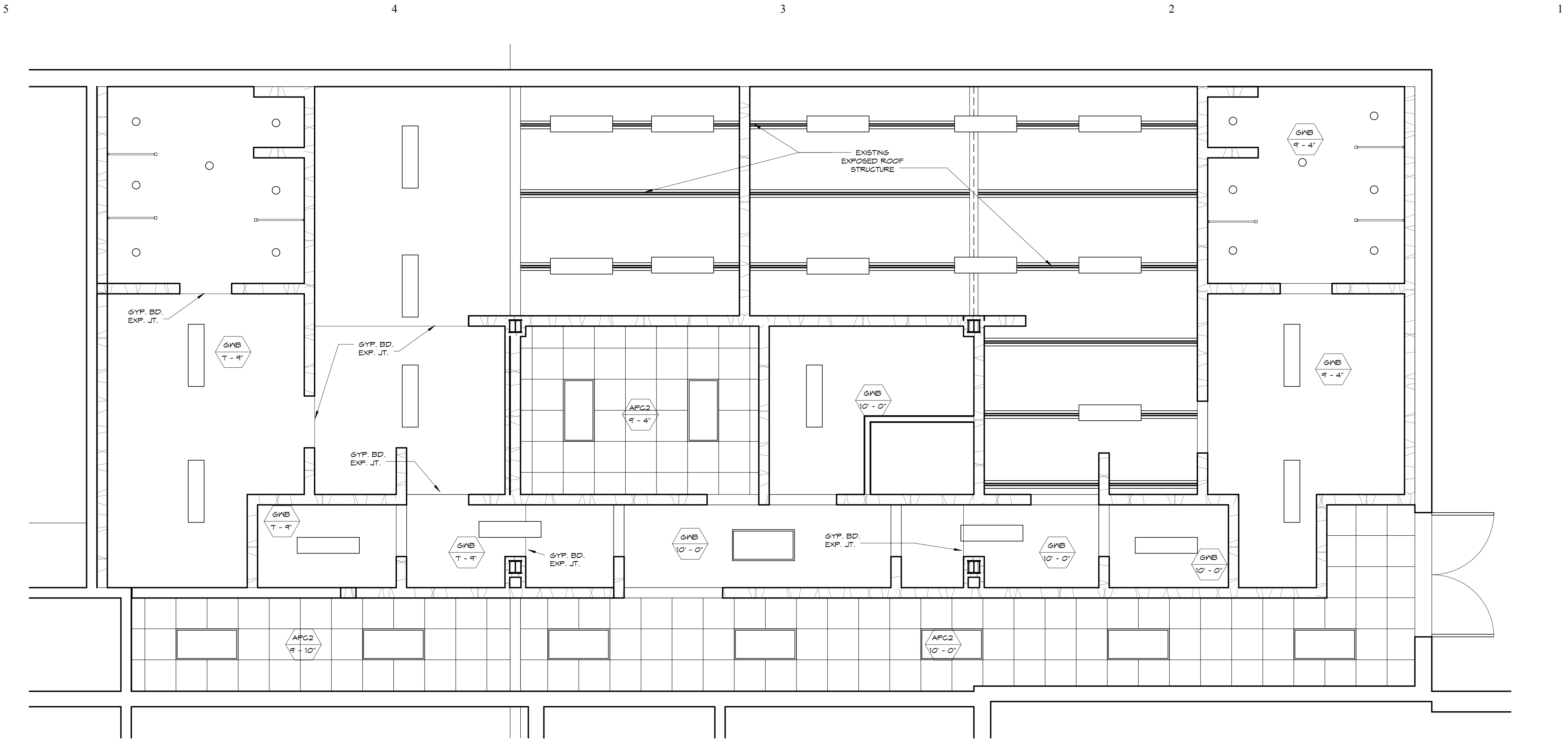
Sheet Title:

**CEILING PLAN
 EXISTING
 LOCKERS**

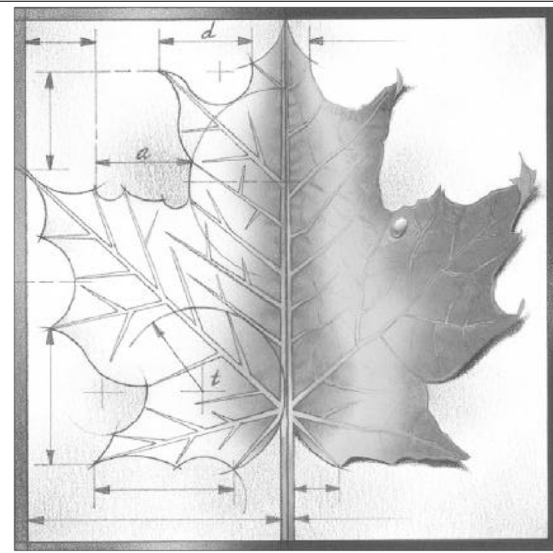
Sheet: **A120**

OF:

1
 A120 EXISTING LOCKER ROOMS CEILING PLAN
 1/4" = 1'-0"



1 NEW LOCKER ROOMS CEILING PLAN
 A121 1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
 228 POYNITZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

**PRICING SET
 NOT FOR CONSTRUCTION**

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

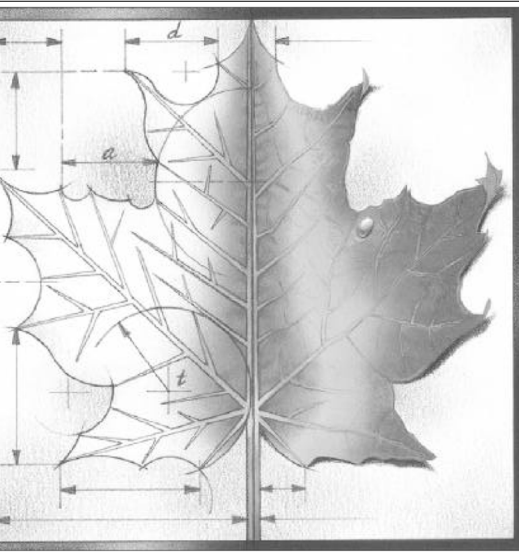
Project Address:
 801 LICNOLN AVENUE
 WAMEGO, KS 66547

Sheet Title:

**CEILING PLAN
 NEW LOCKER
 ROOMS**

Sheet: **A121**

OF:



BBN

BBN ARCHITECTS INC
 228 POYNITZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
| | | |

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
 801 LICNOLN AVENUE
 WAMEGO, KS 66547

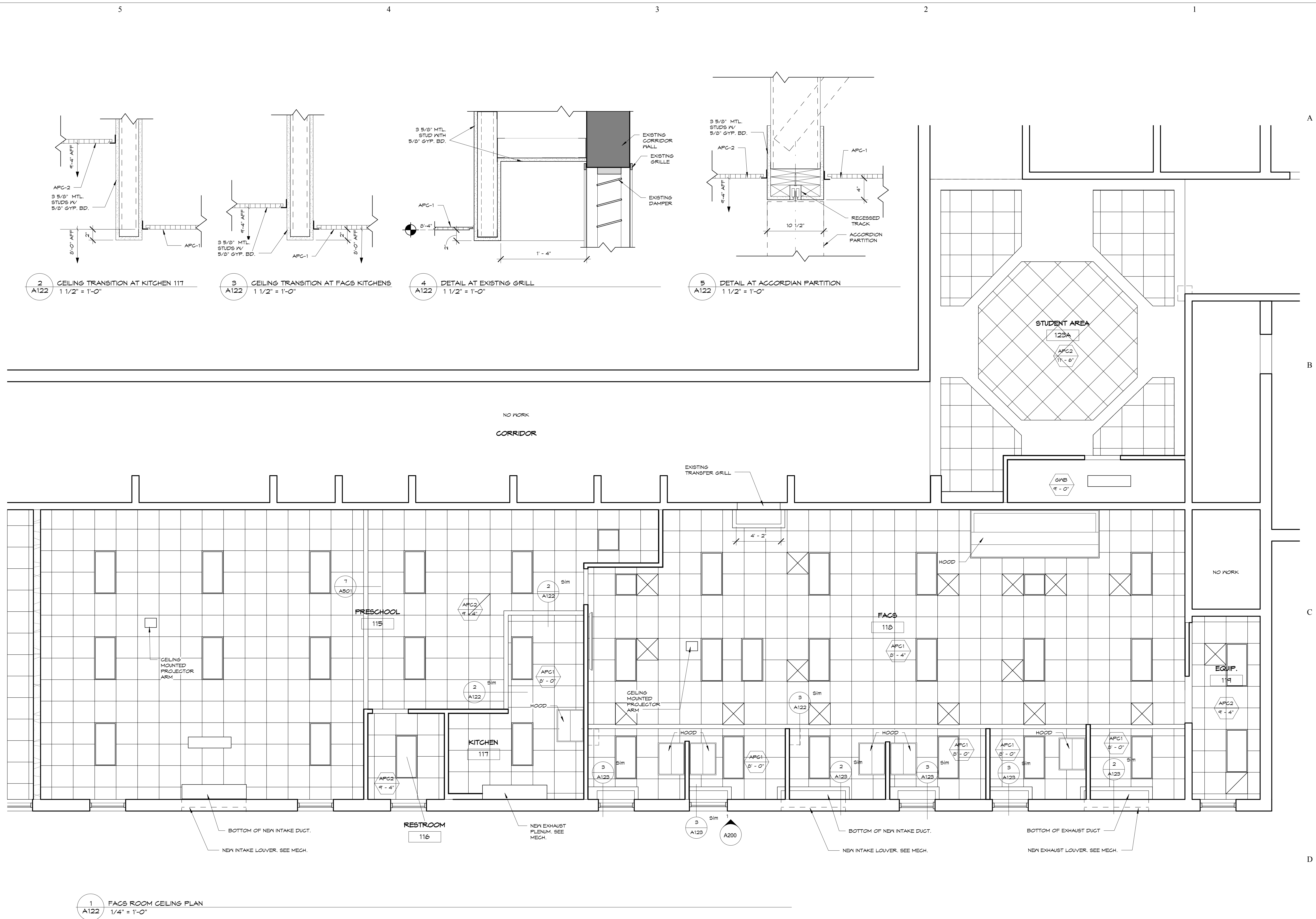
Sheet Title:

**CEILING PLAN
 FACS ROOM**

Sheet:

A122

OF:



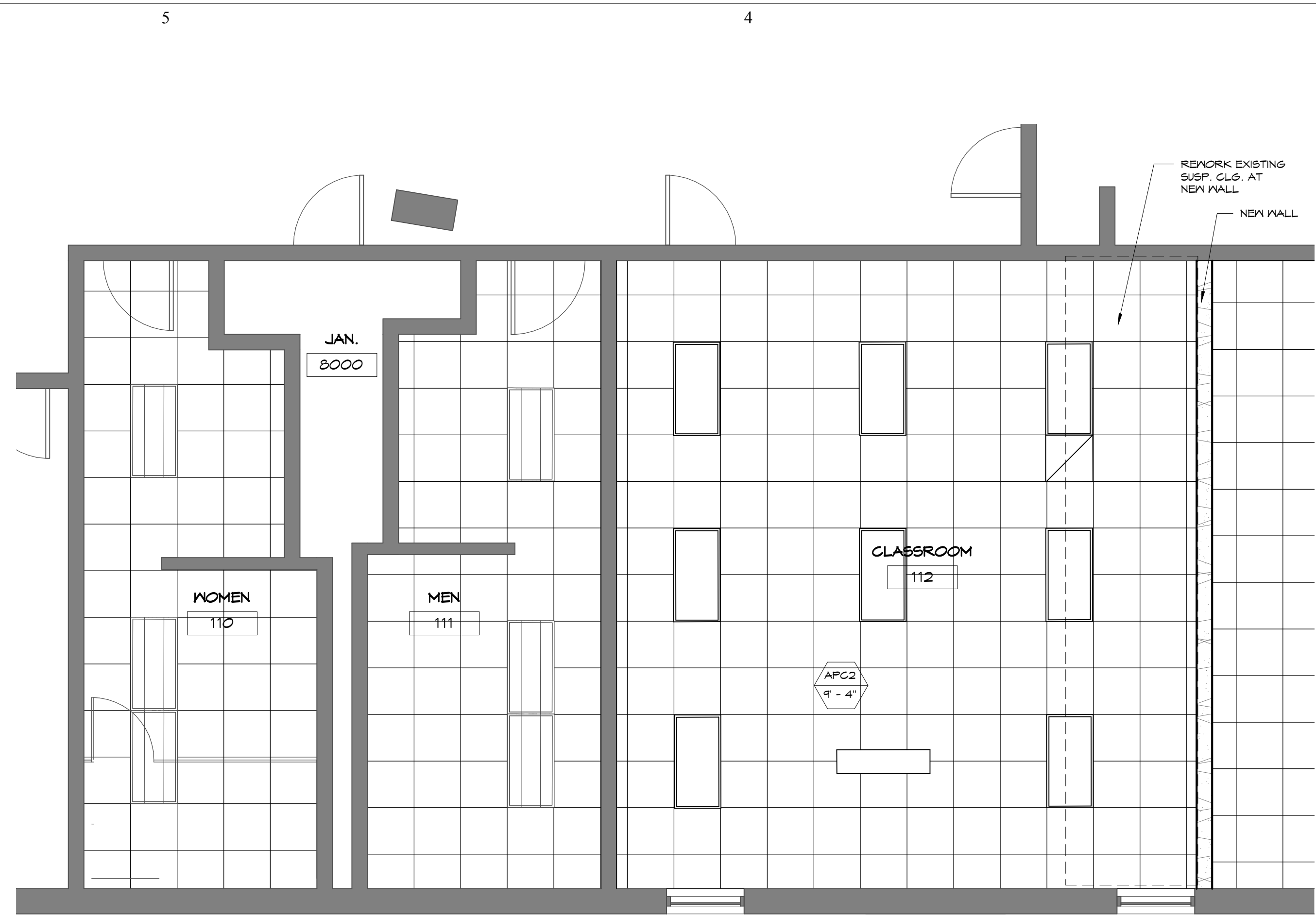
2 A122 CEILING TRANSITION AT KITCHEN 117
 1 1/2" = 1'-0"

3 A122 CEILING TRANSITION AT FACS KITCHENS
 1 1/2" = 1'-0"

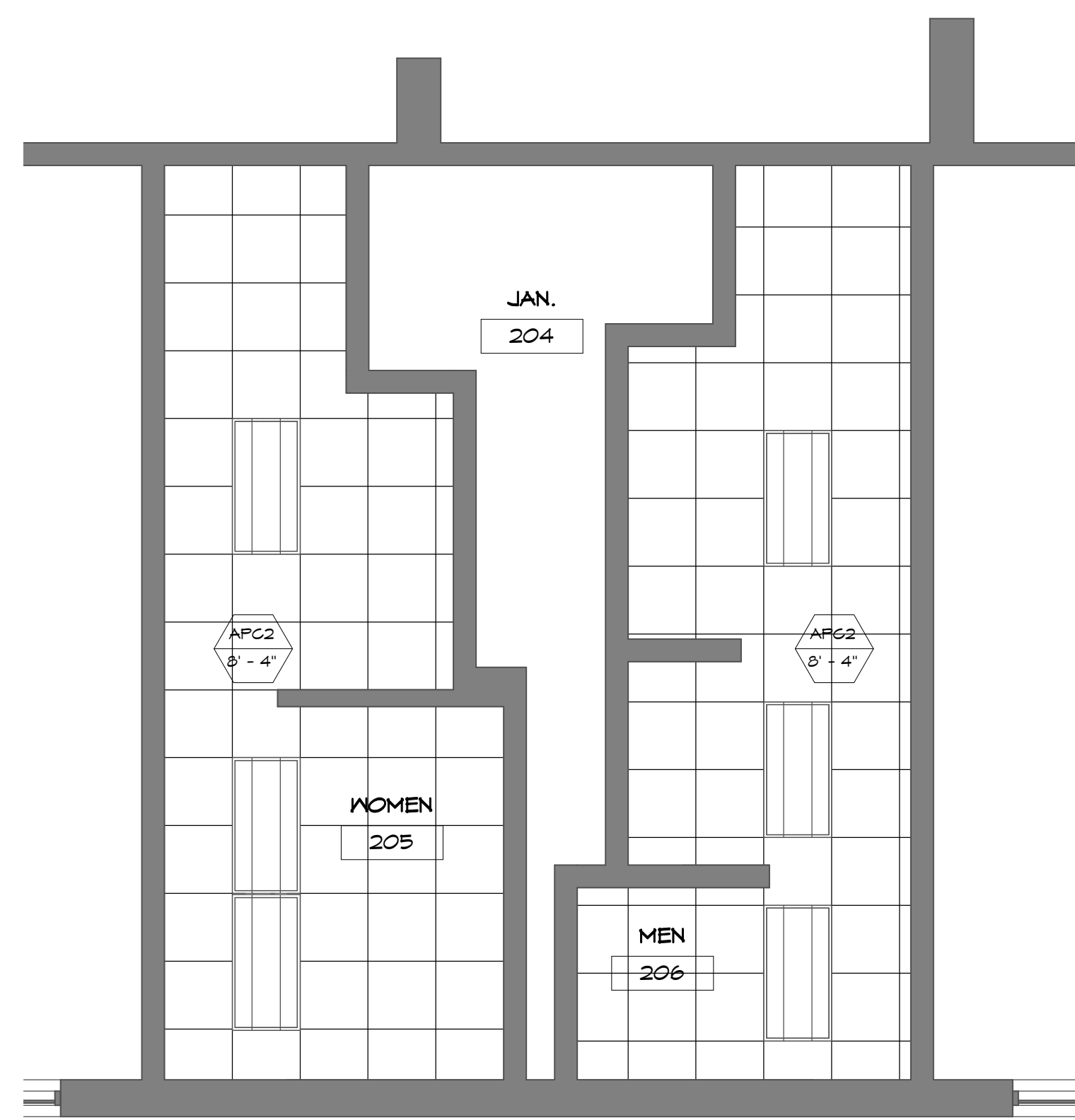
4 A122 DETAIL AT EXISTING GRILL
 1 1/2" = 1'-0"

5 A122 DETAIL AT ACCORDIAN PARTITION
 1 1/2" = 1'-0"

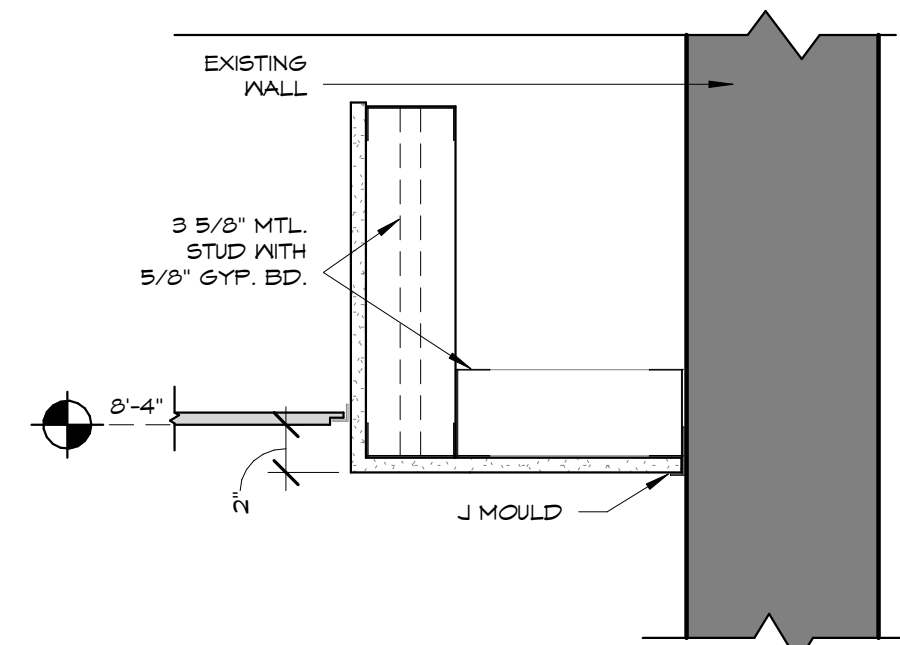
1 A122 FACS ROOM CEILING PLAN
 1/4" = 1'-0"



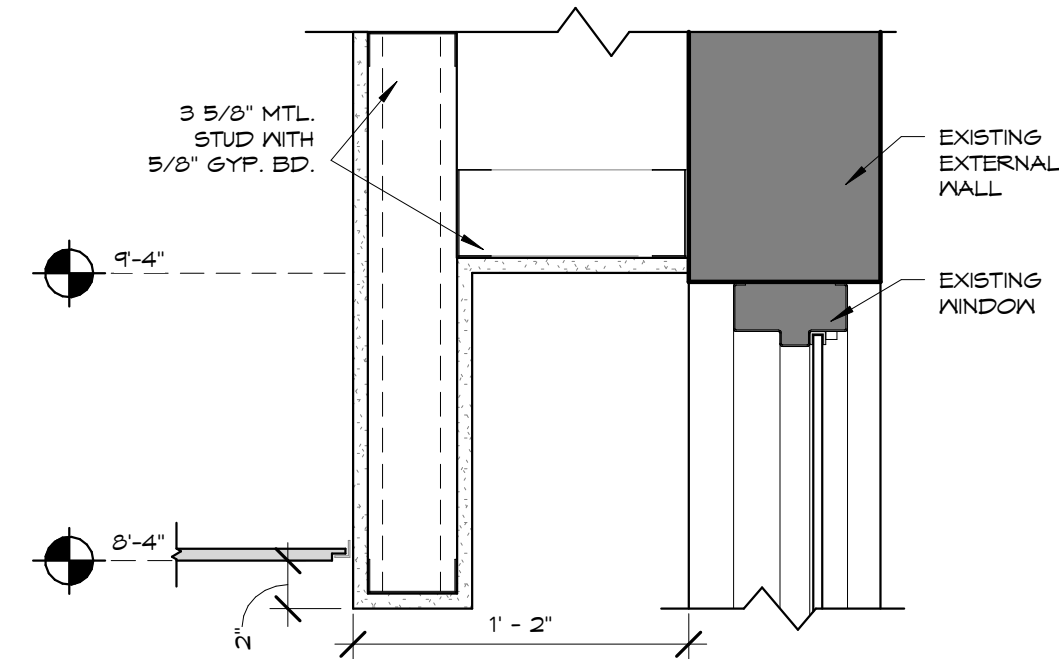
1
A123
FIRST FLOOR RESTROOMS/CLASSROOM
CEILING PLAN
1/4" = 1'-0"



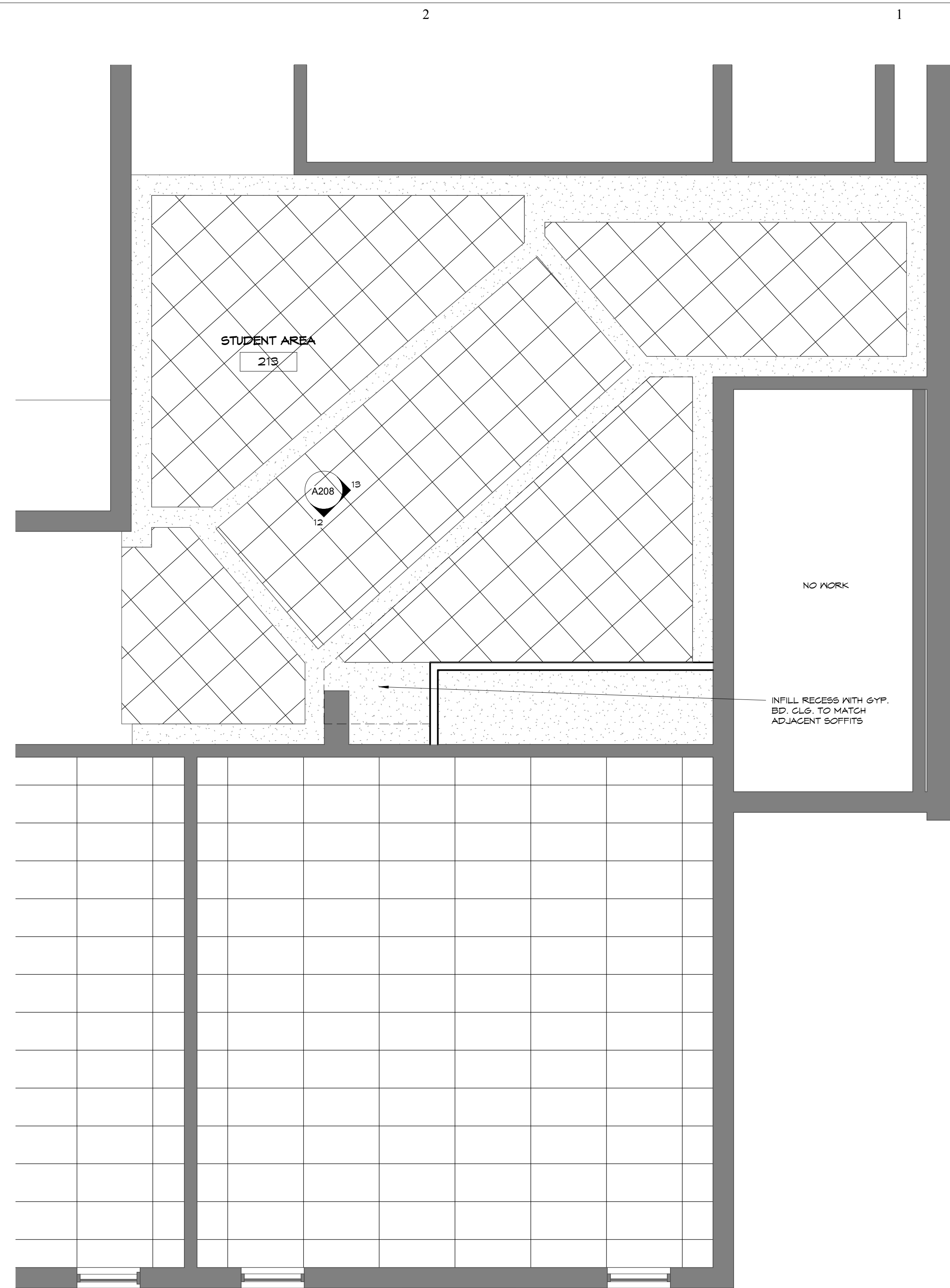
4
A123
SECOND FLOOR RESTROOM CEILING
PLAN
1/4" = 1'-0"



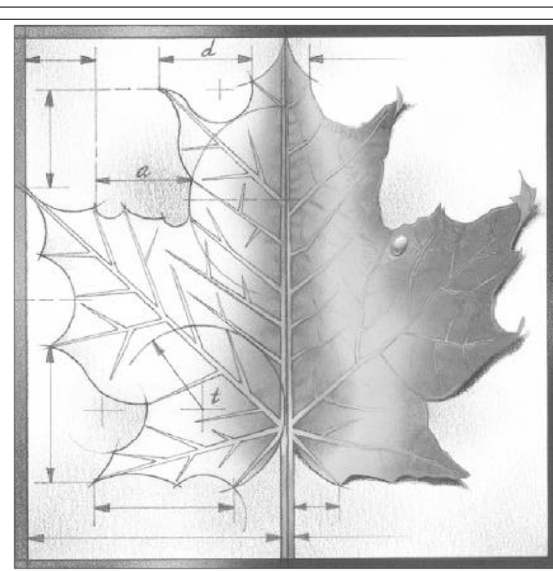
2
A123
SOFFIT DETAIL
1 1/2" = 1'-0"



3
A123
DETAIL C - WINDOW POCKET
1 1/2" = 1'-0"



6
A123
PARTIAL SECOND FLOOR CEILING
PLAN
1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|---|------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

Project Number: **16036**

Date: **Issue Date**

Project Name:

**USD 320 WAMEGO HIGH SCHOOL
IMPROVEMENTS**

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

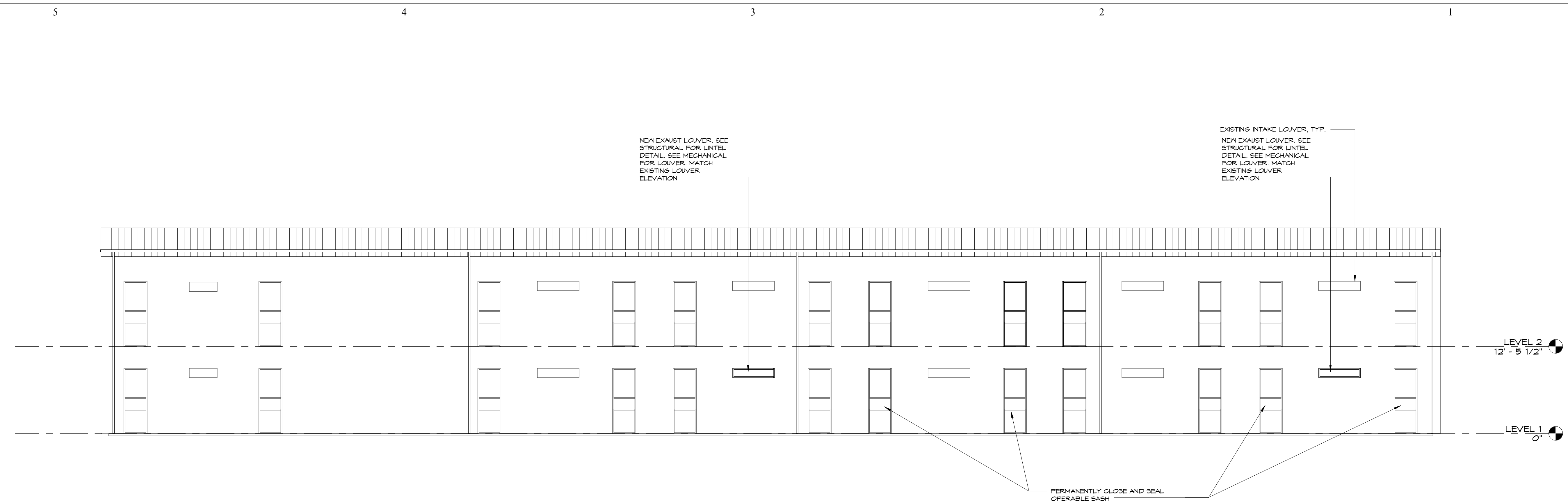
Sheet Title:

**REFLECTED
CEILING
PLANS**

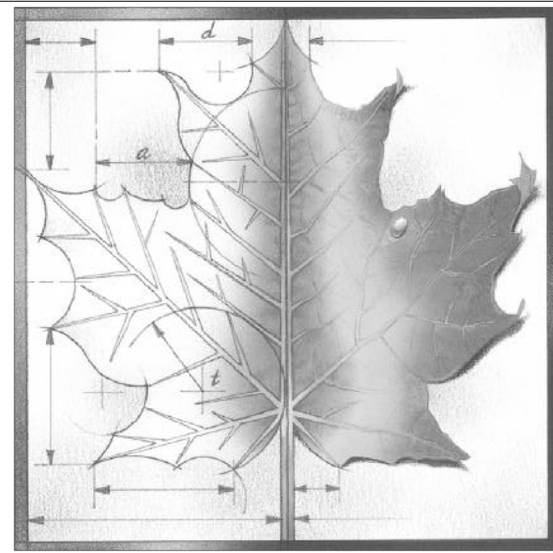
Sheet:

A123

Of:



1 PARTIAL EAST ELEVATION
A200 1/8" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
| | | |

**PRICING SET
NOT FOR CONSTRUCTION**

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

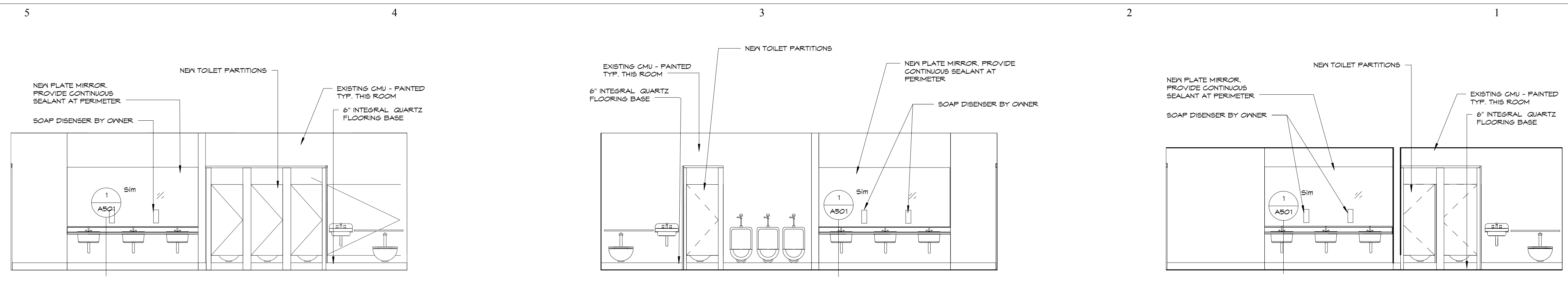
Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

Sheet Title:

**EXTERIOR
ELEVATIONS**

Sheet: **A200**

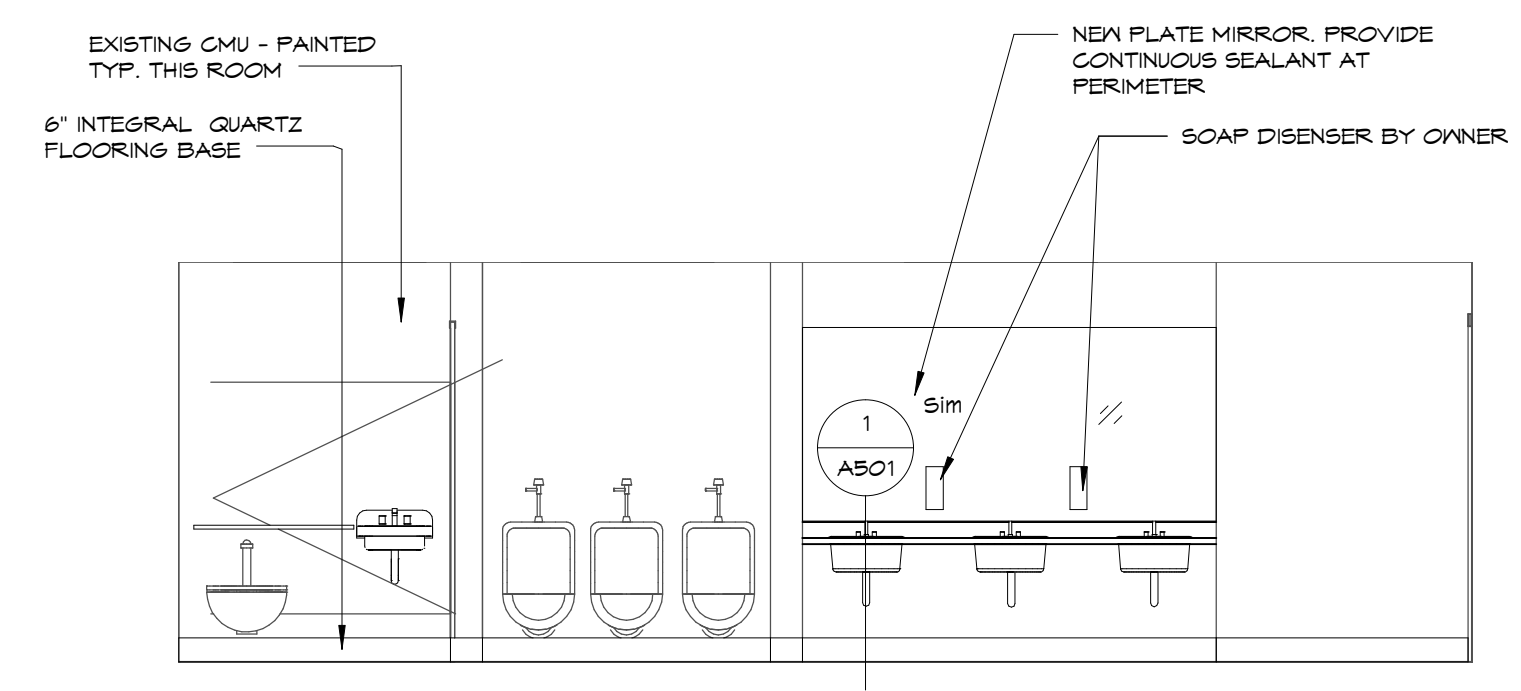
Of:



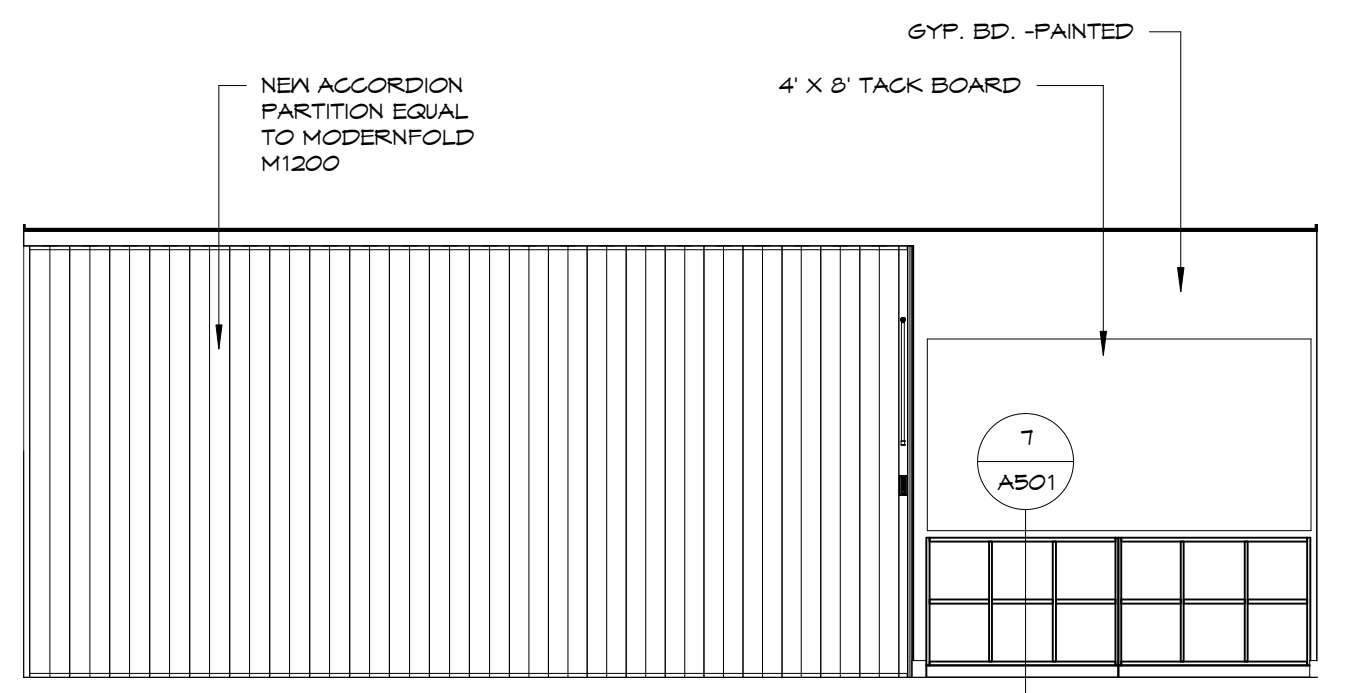
1 110 WOMEN - NORTH WALL
A202 1/4" = 1'-0"

2 111 MEN - SOUTH WALL
A202 1/4" = 1'-0"

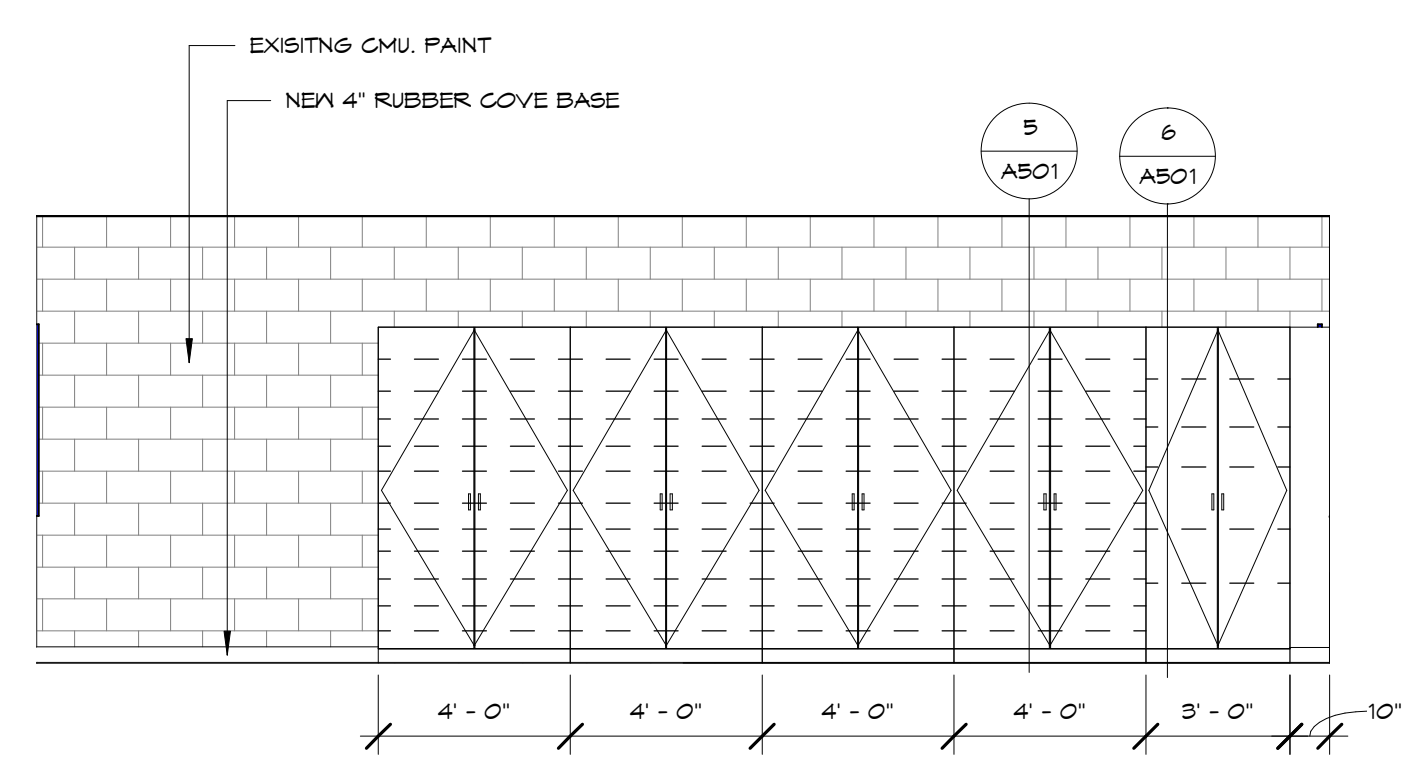
3 205 WOMEN - NORTH WALL
A202 1/4" = 1'-0"



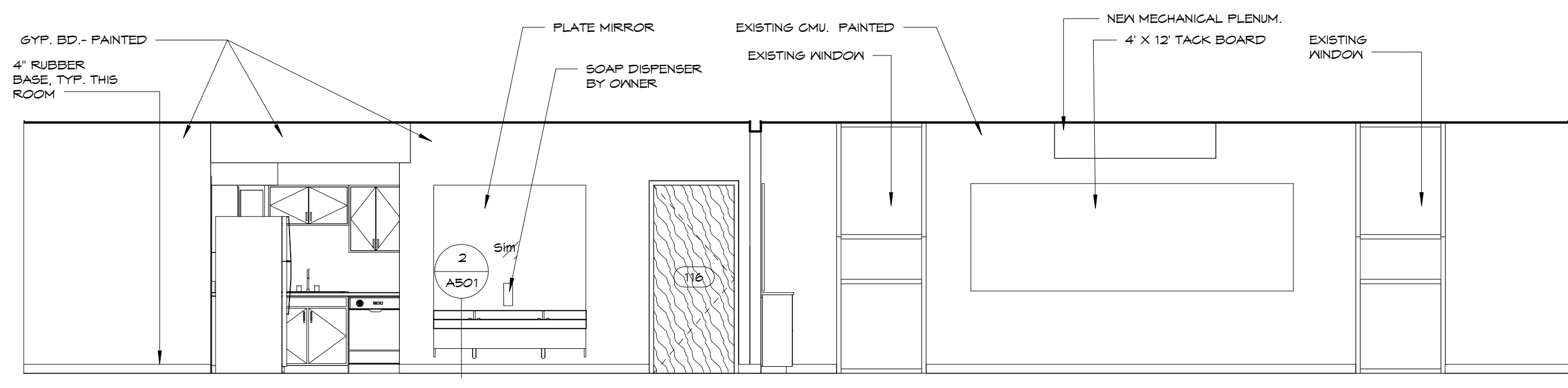
4 206 MEN - SOUTH WALL
A202 1/4" = 1'-0"



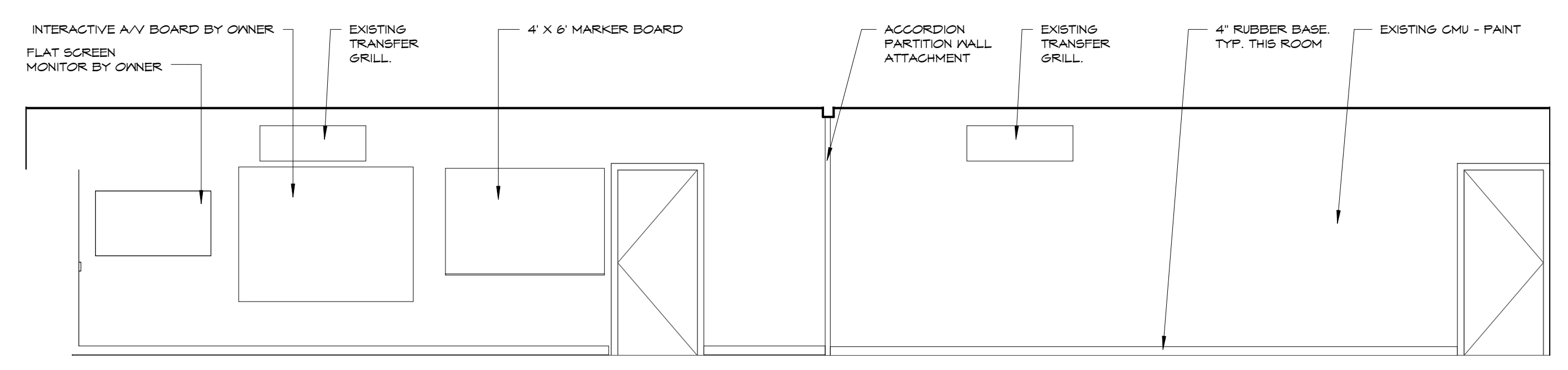
5 115 PRESCHOOL - NORTH WALL
A202 1/4" = 1'-0"



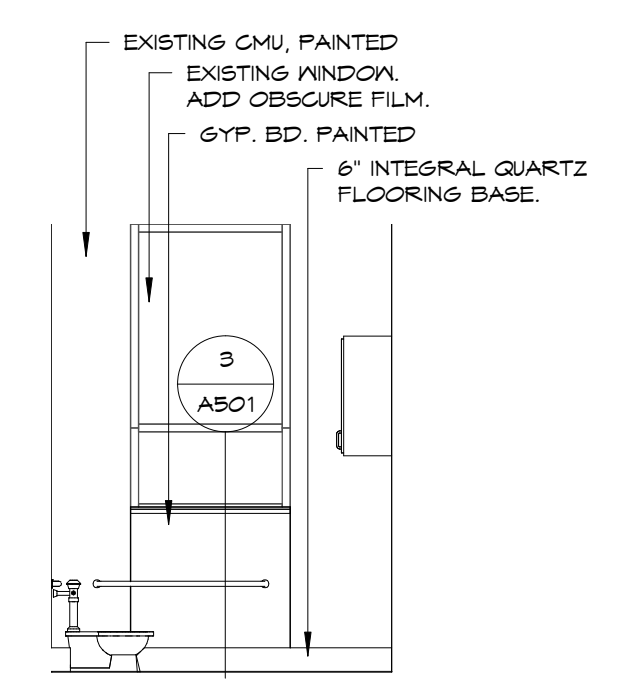
6 115 PRESCHOOL - SOUTH WALL
A202 1/4" = 1'-0"



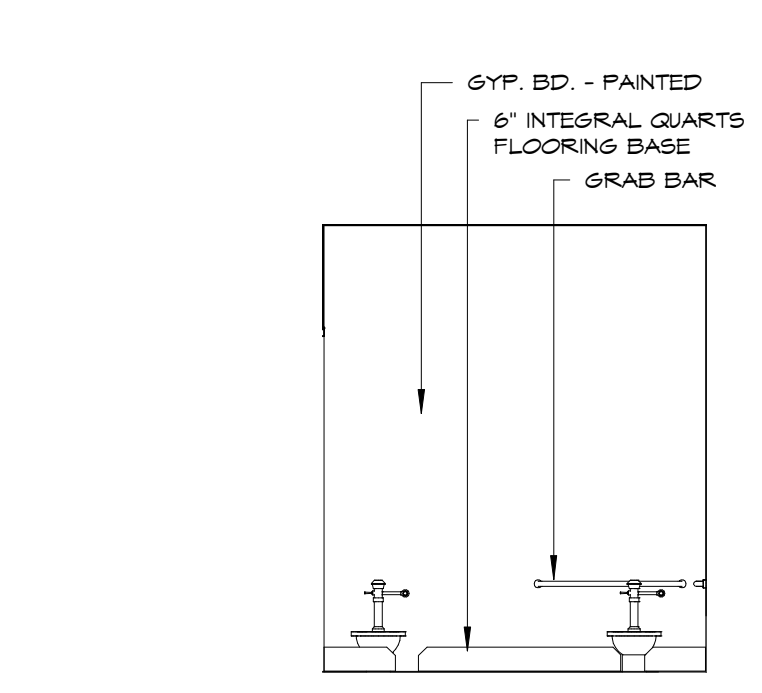
7 115 PRESCHOOL - EAST WALL
A202 1/4" = 1'-0"



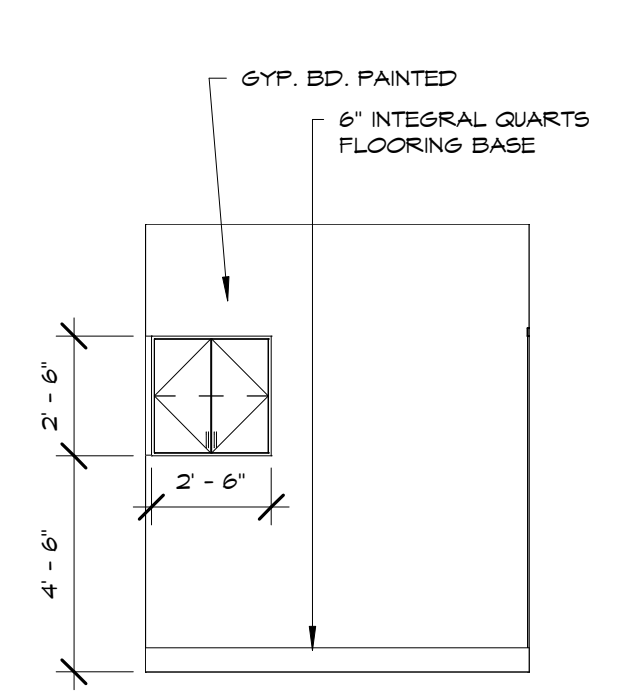
9 115 PRESCHOOL - WEST WALL
A202 1/4" = 1'-0"



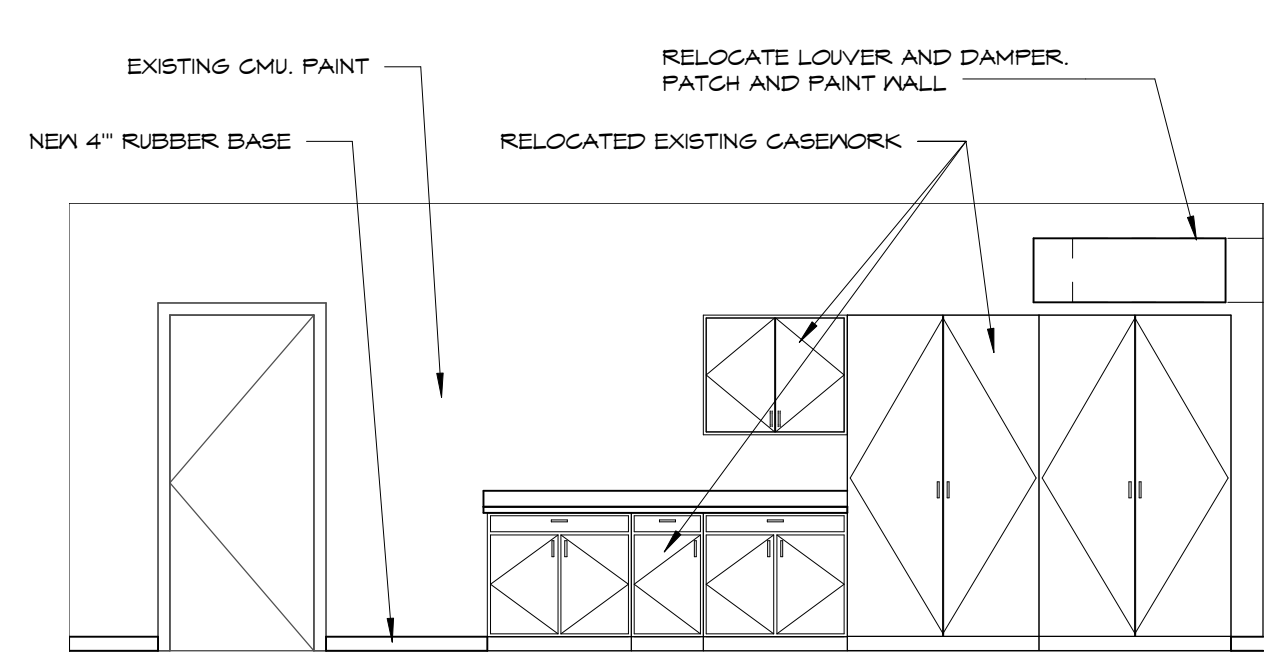
8 116 TOILET - EAST WALL
A202 1/4" = 1'-0"



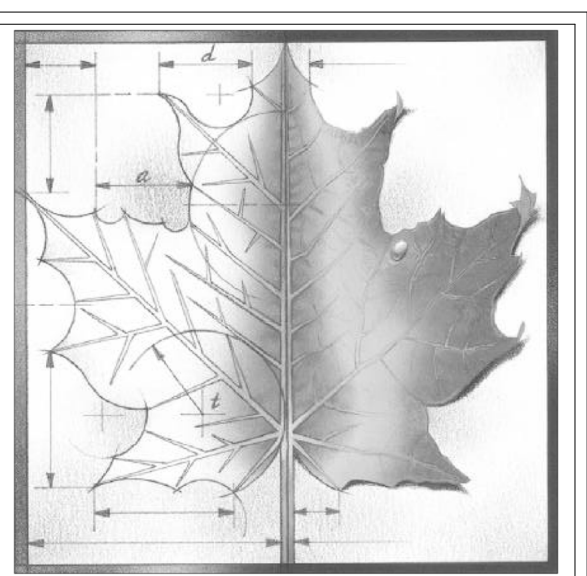
10 116 TOILET - NORTH WALL
A202 1/4" = 1'-0"



11 116 TOILET - SOUTH WALL
A202 1/4" = 1'-0"



12 112 CLASSROOM - WEST WALL
A202 1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

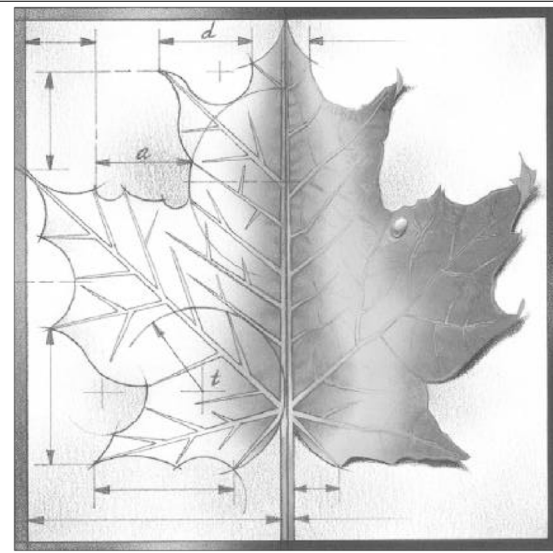
Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

Sheet Title:

INTERIOR ELEVATIONS

Sheet: **A202**

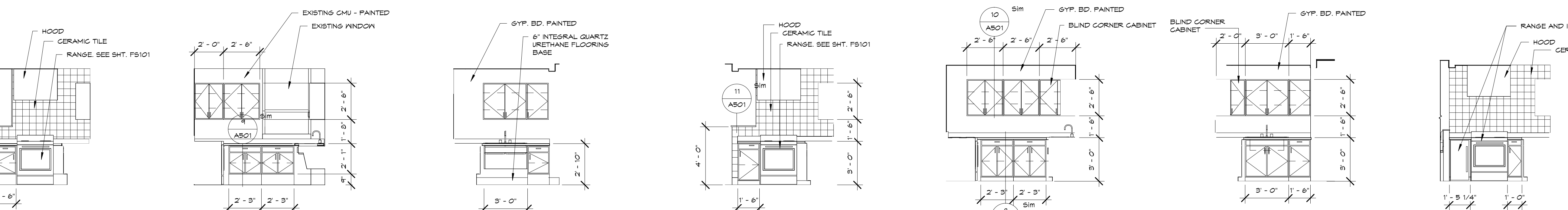
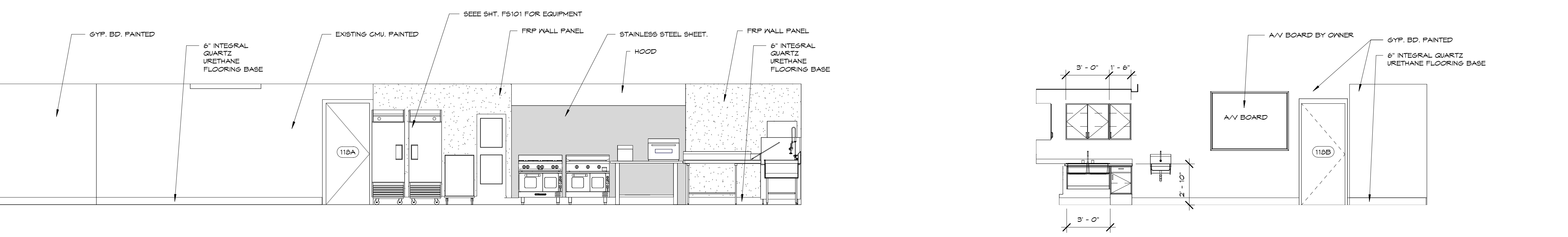
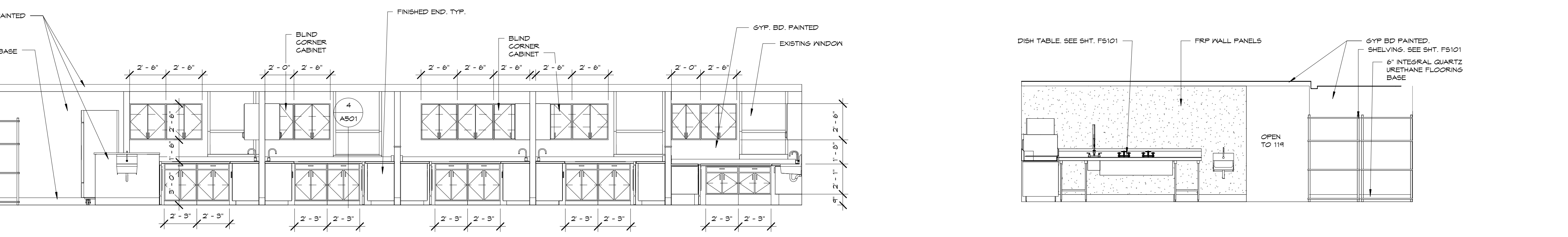
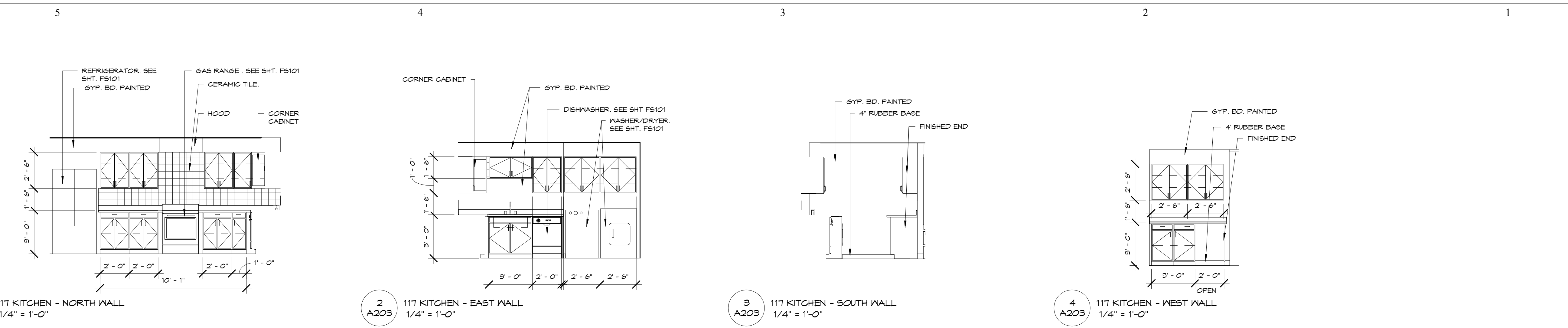
OF:



BBN

BBN ARCHITECTS INC
228 POYNIZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.



A

B

C

D

| REV | DESC | DATE |
|-------------------------------------|------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

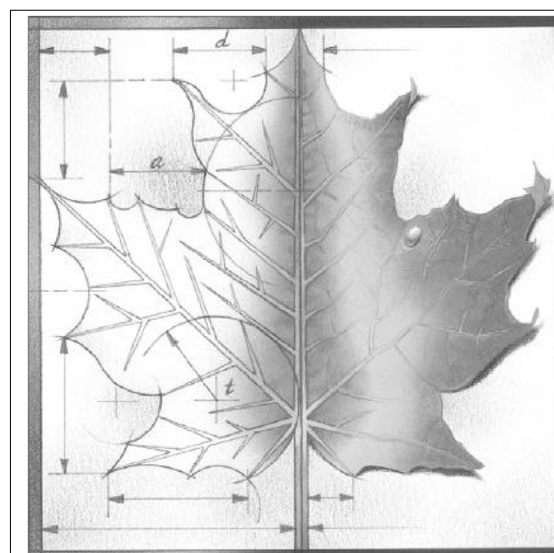
Project Number: **16036**
Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
INTERIOR ELEVATIONS

Sheet:
A203



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

A

B

C

D

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

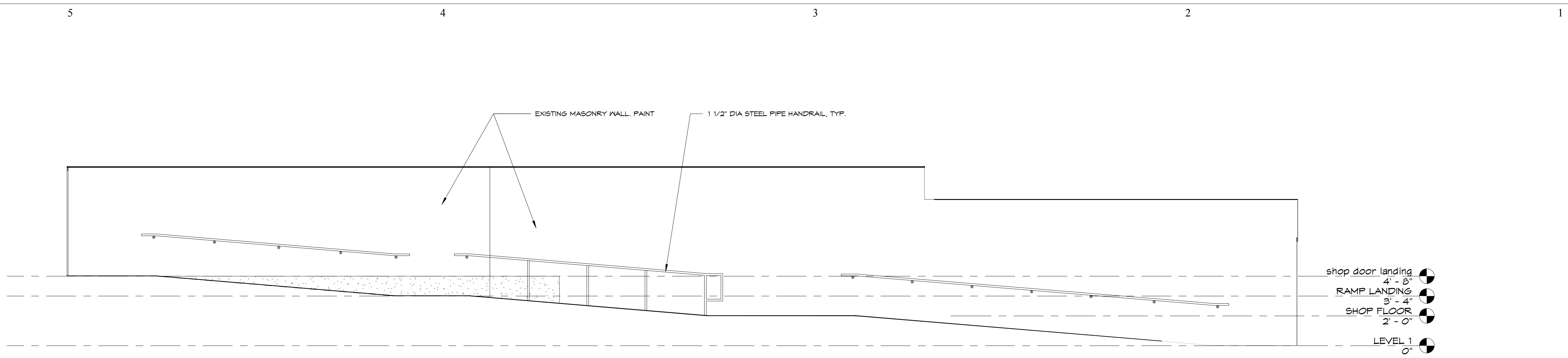
Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

Sheet Title:

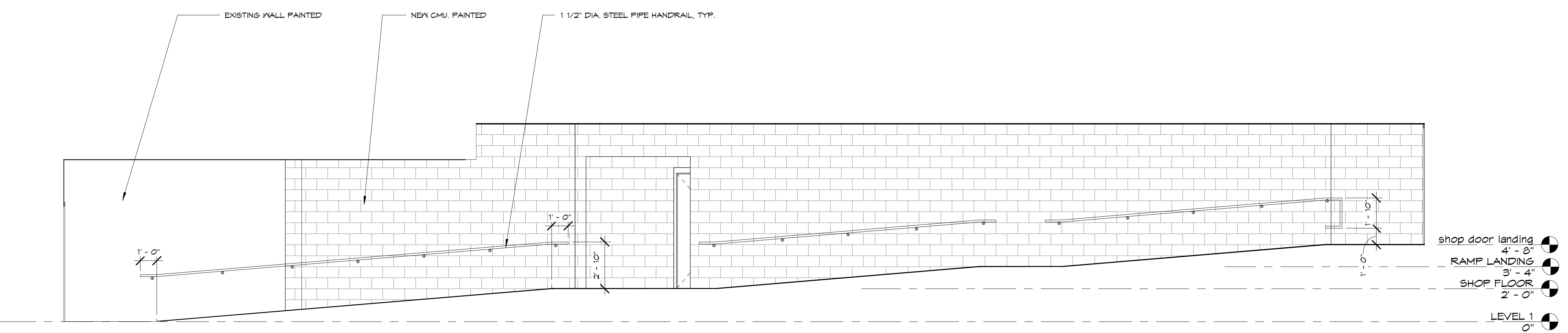
INTERIOR ELEVATIONS

Sheet: **A204**

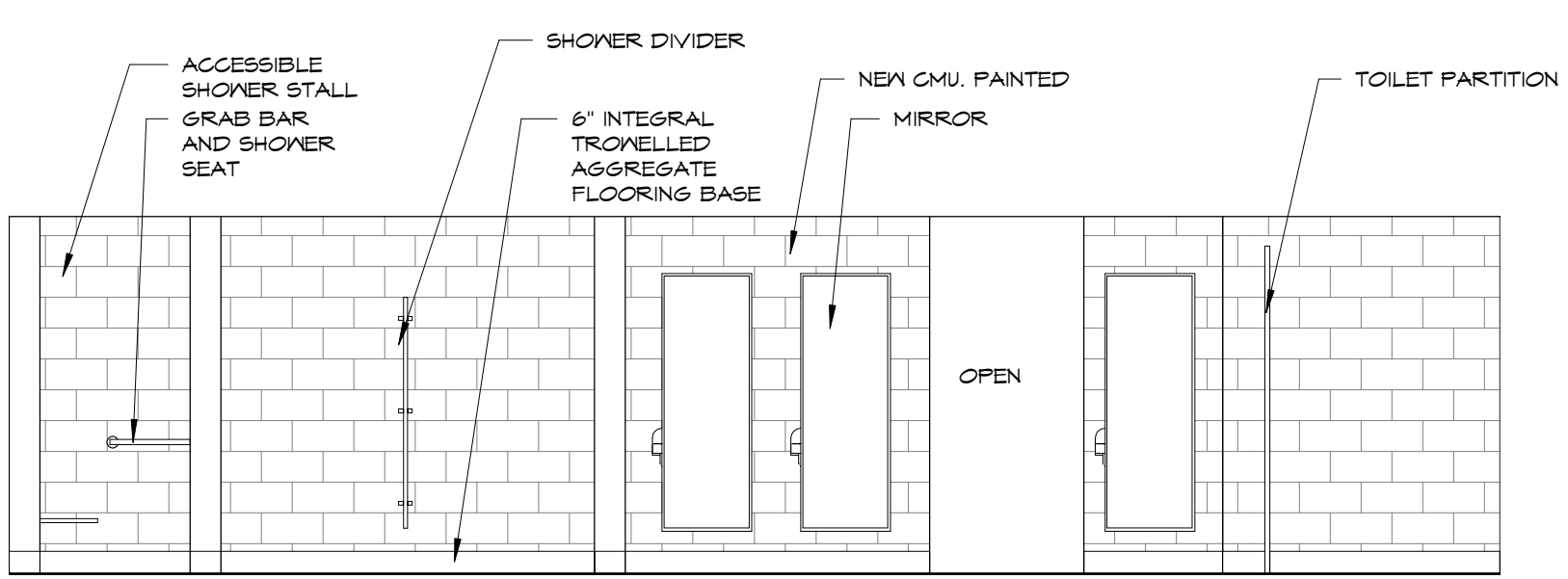
OF:



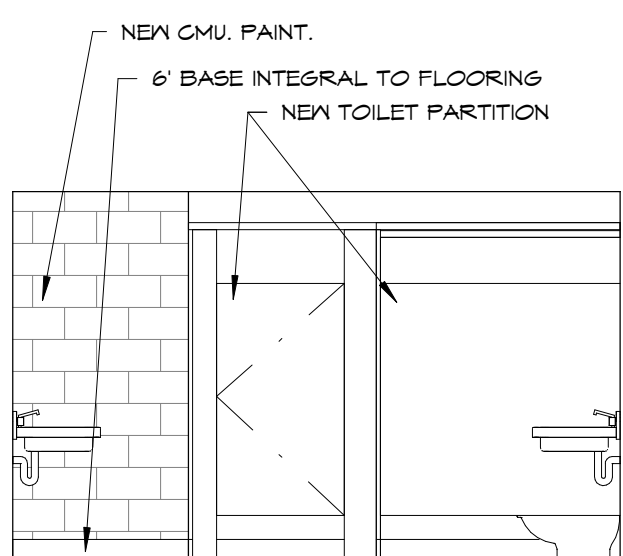
1 138 HALL - EAST WALL
A204 1/4" = 1'-0"



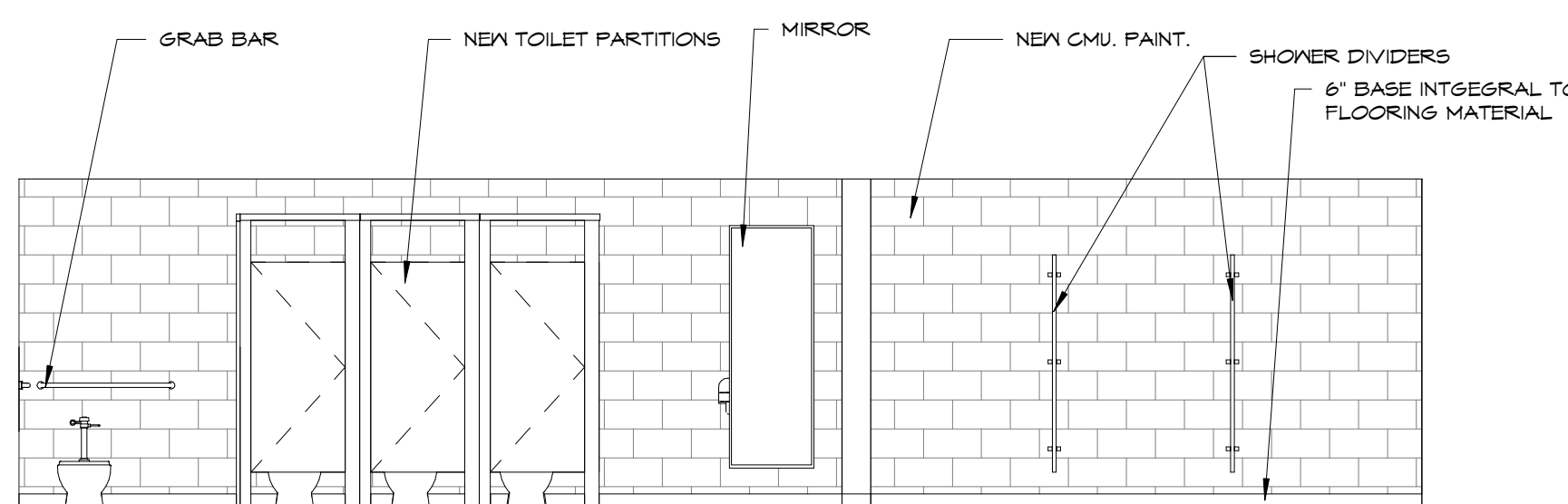
2 138 HALL - WEST WALL
A204 1/4" = 1'-0"



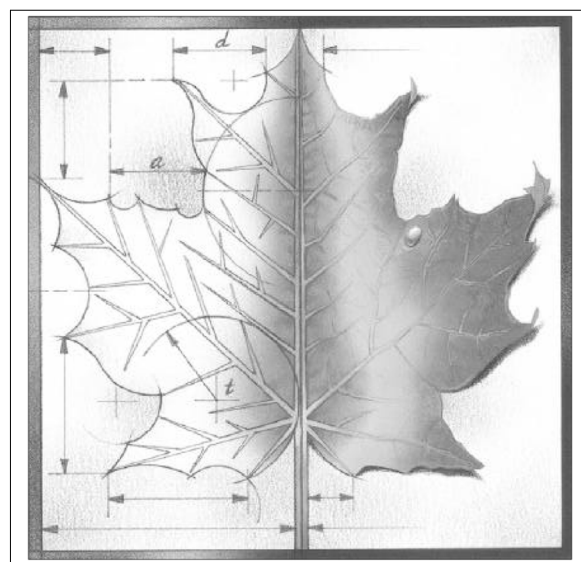
3 139D TOILETS, 139E SHOWERS - NORTH WALL
A204 1/4" = 1'-0"



4 139D TOILETS - EAST WALL
A204 1/4" = 1'-0"



5 139D TOILETS, 139E SHOWERS - SOUTH WALL
A204 1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
 228 POYNTZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

A

B

C

D

| REV | DESC | DATE |
|---|------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

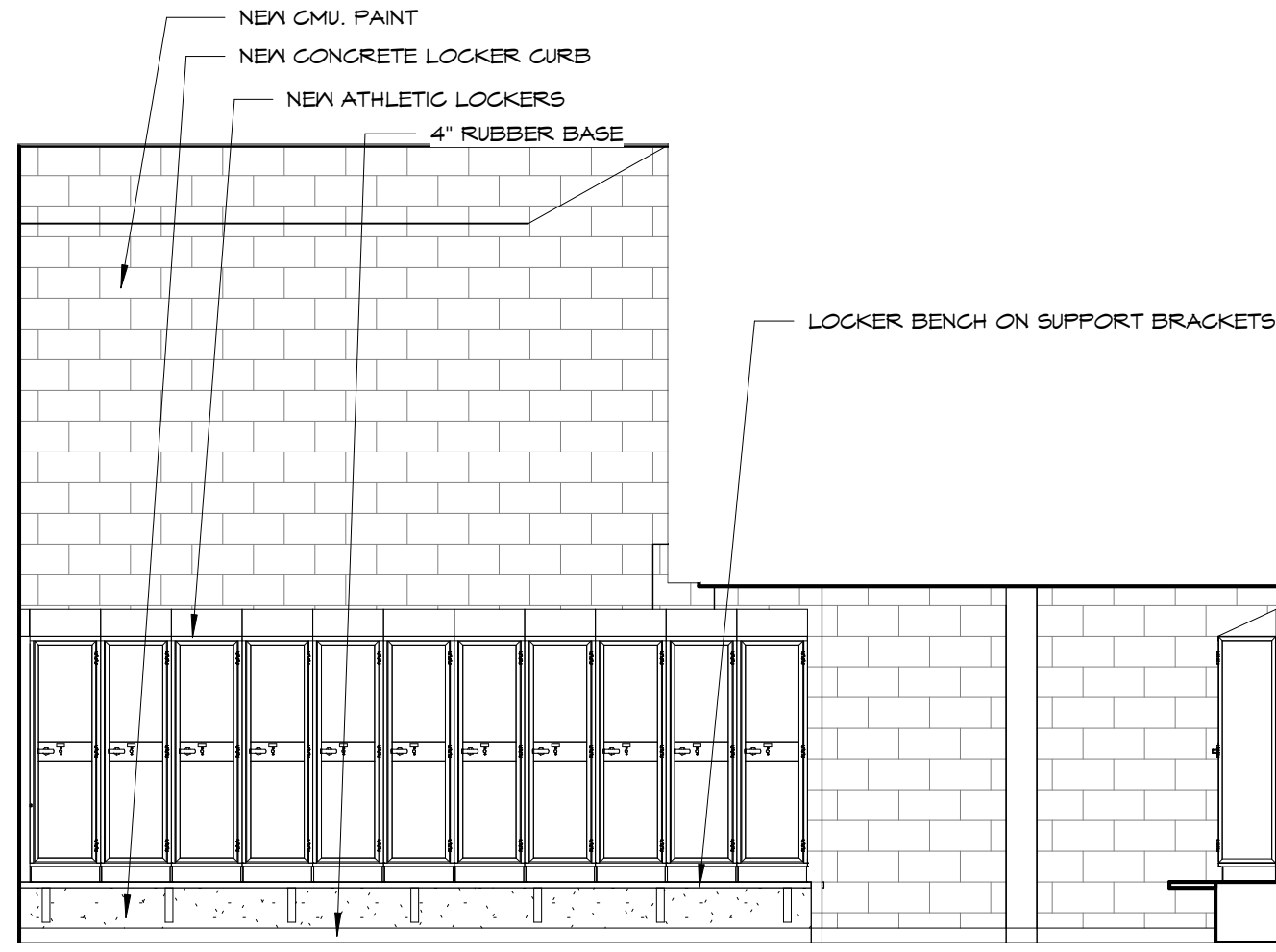
Project Number: **16036**
 Date: **Issue Date**

Project Name:
**USD 320 WAMEGO HIGH SCHOOL
 IMPROVEMENTS**

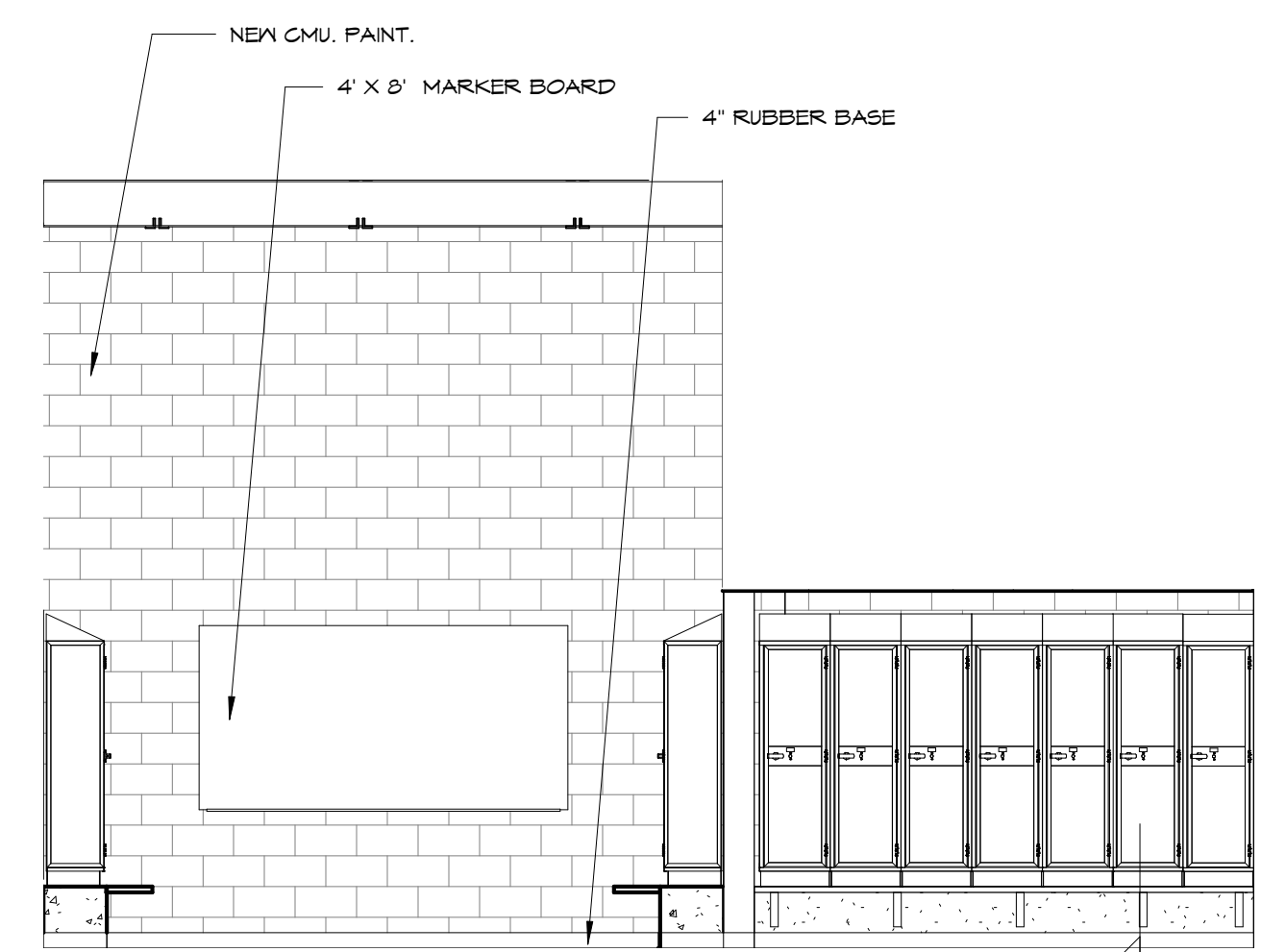
Project Address:
**801 LICNOLN AVENUE
 WAMEGO, KS 66547**

Sheet Title:
**INTERIOR
 ELEVATIONS**

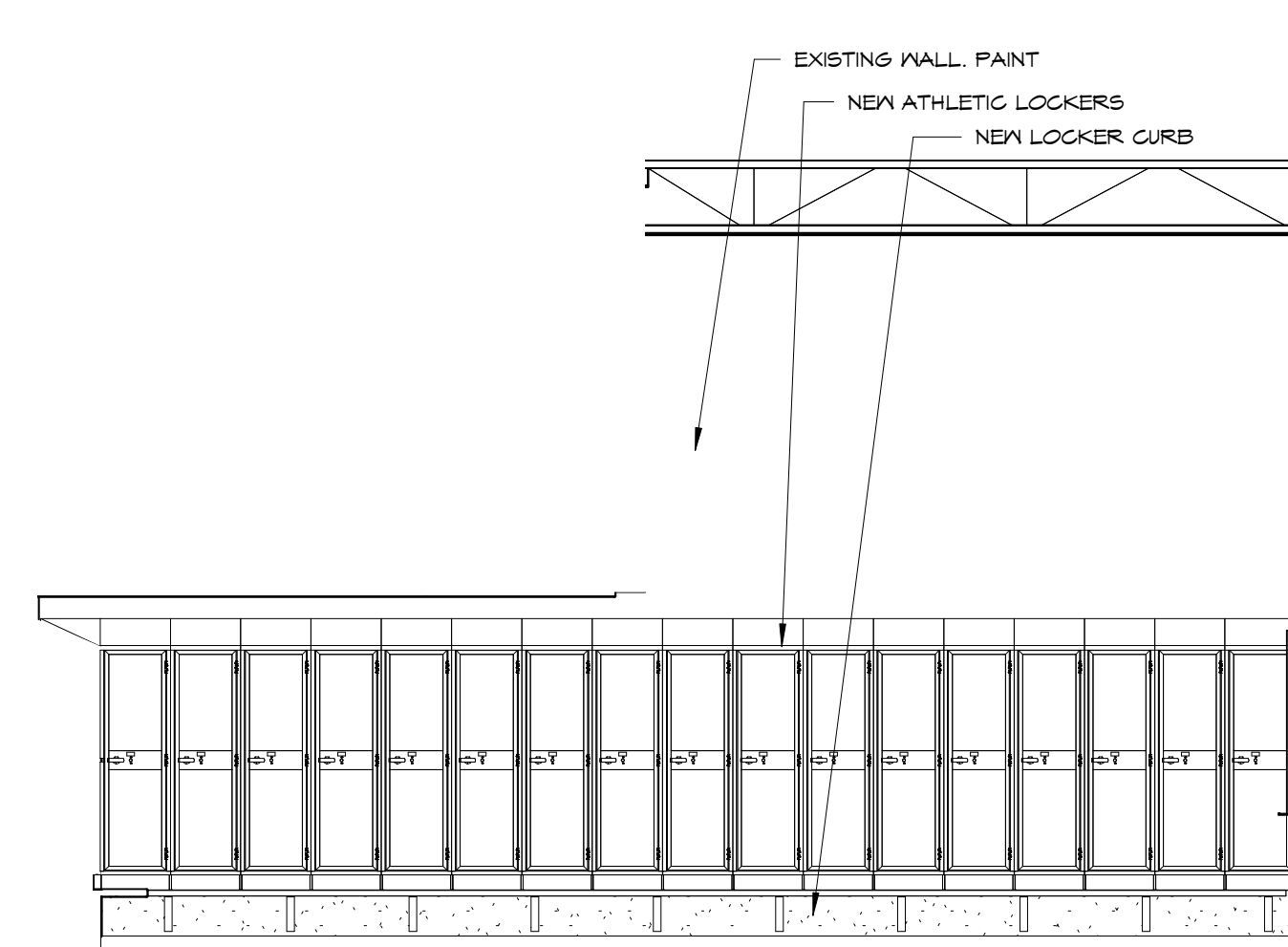
Sheet:
A205
 of:



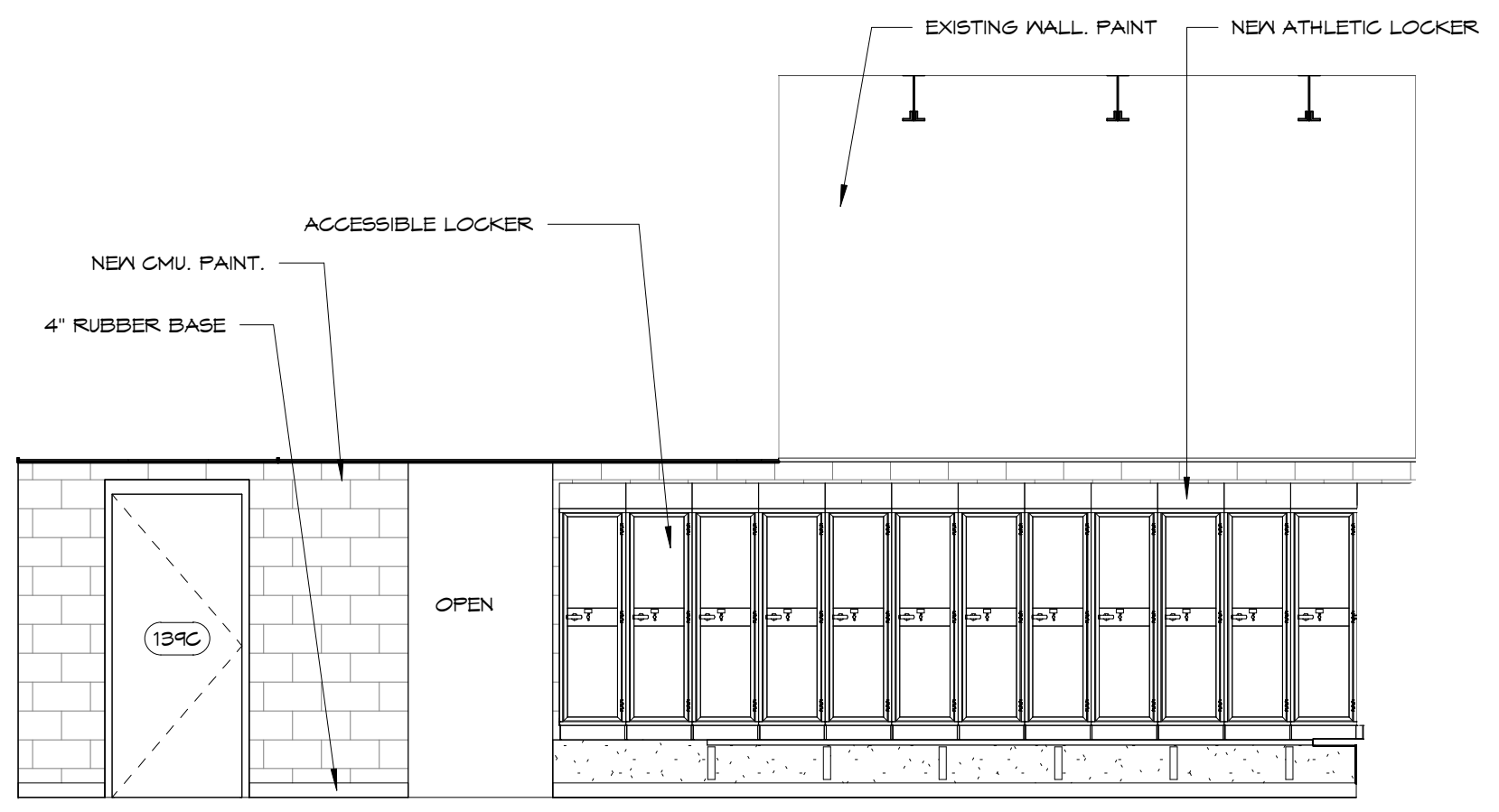
1
A205
139 LOCKERS - EAST WALL
1/4" = 1'-0"



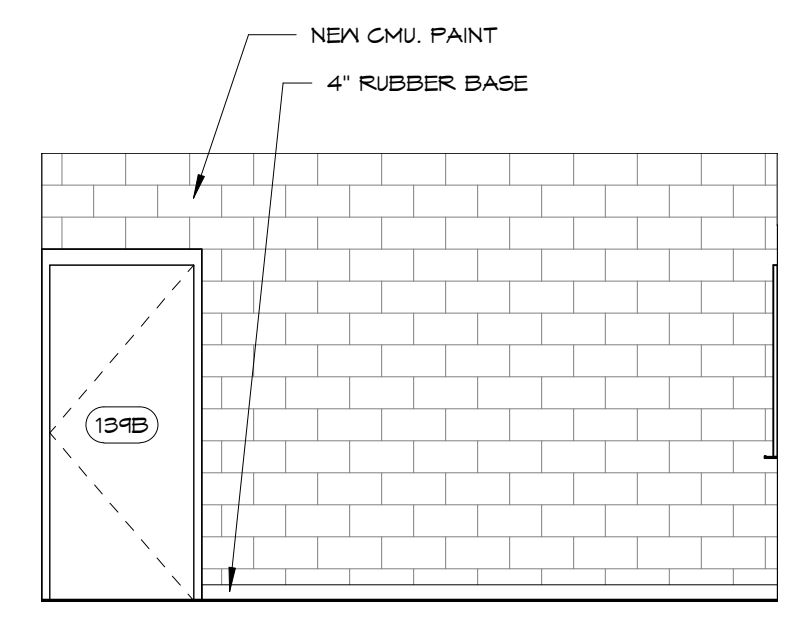
2
A205
139 LOCKERS - NORTH WALL
1/4" = 1'-0"



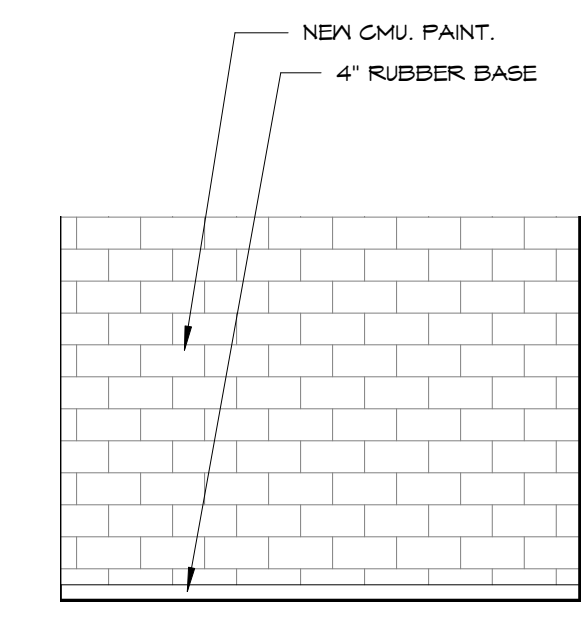
3
A205
139 LOCKERS - WEST WALL
1/4" = 1'-0"



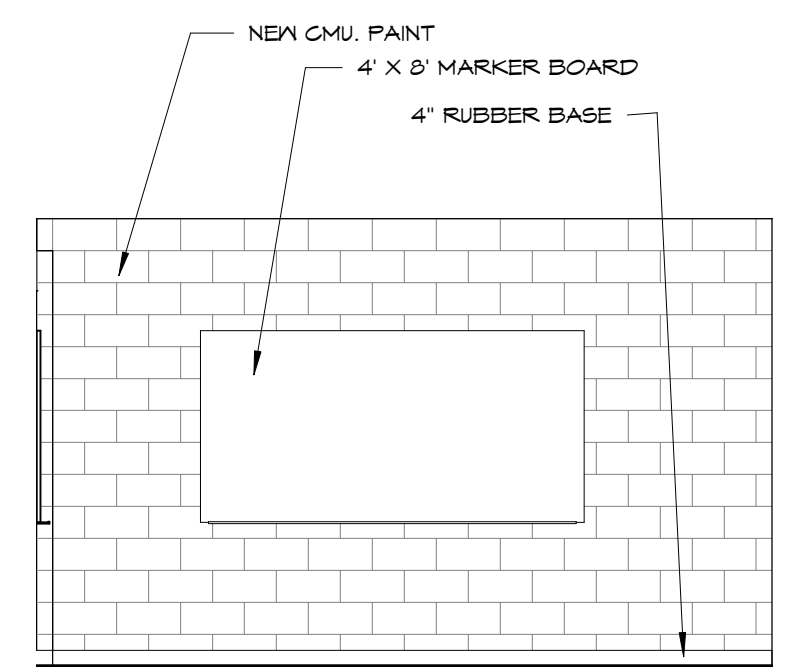
4
A205
139 LOCKERS - SOUTH WALL
1/4" = 1'-0"



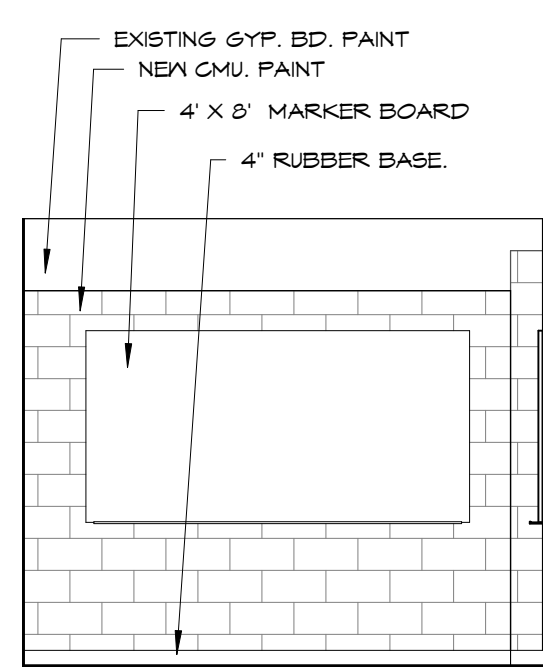
5
A205
139B MEETING - EAST WALL
1/4" = 1'-0"



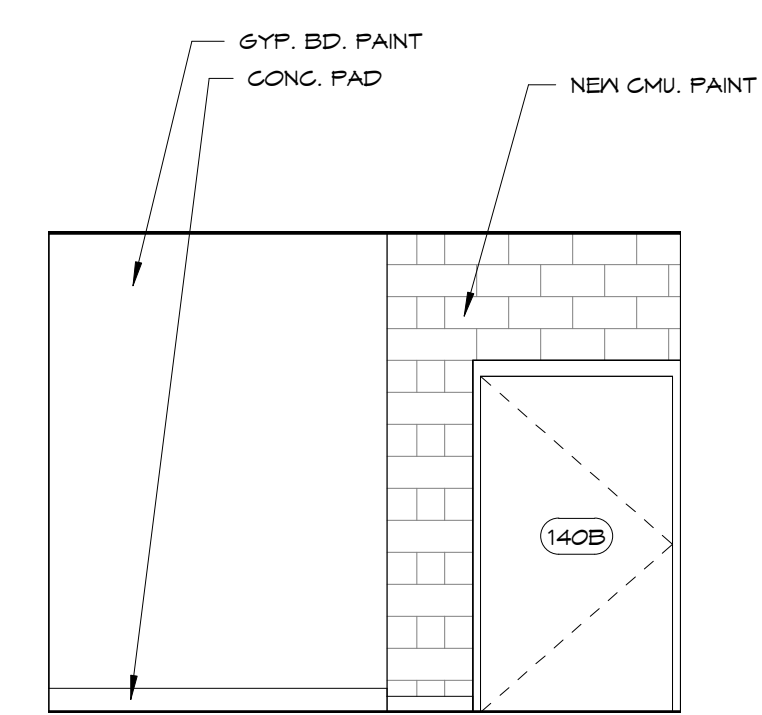
6
A205
139B MEETING - NORTH WALL
1/4" = 1'-0"



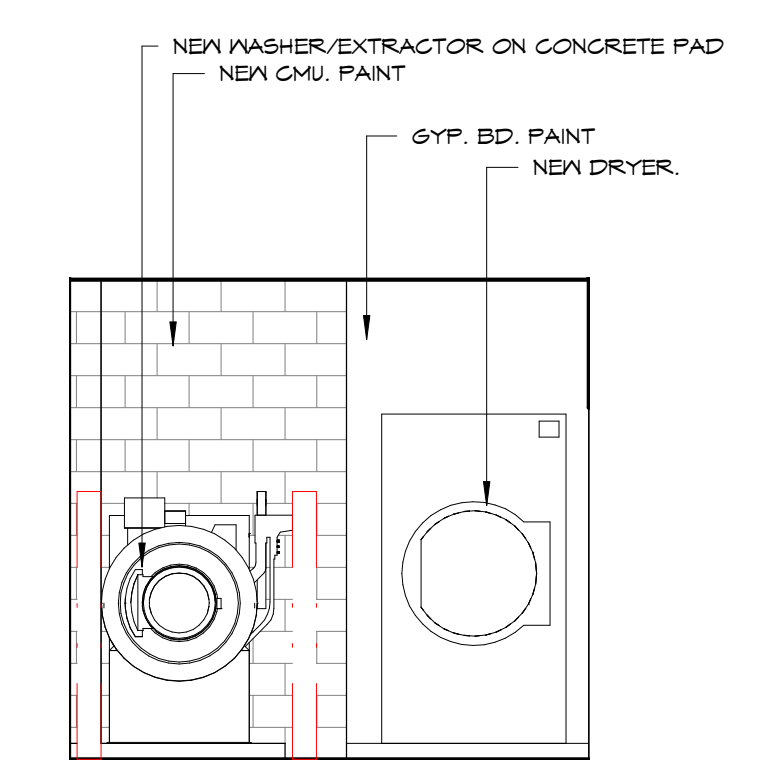
7
A205
139B MEETING - WEST WALL
1/4" = 1'-0"



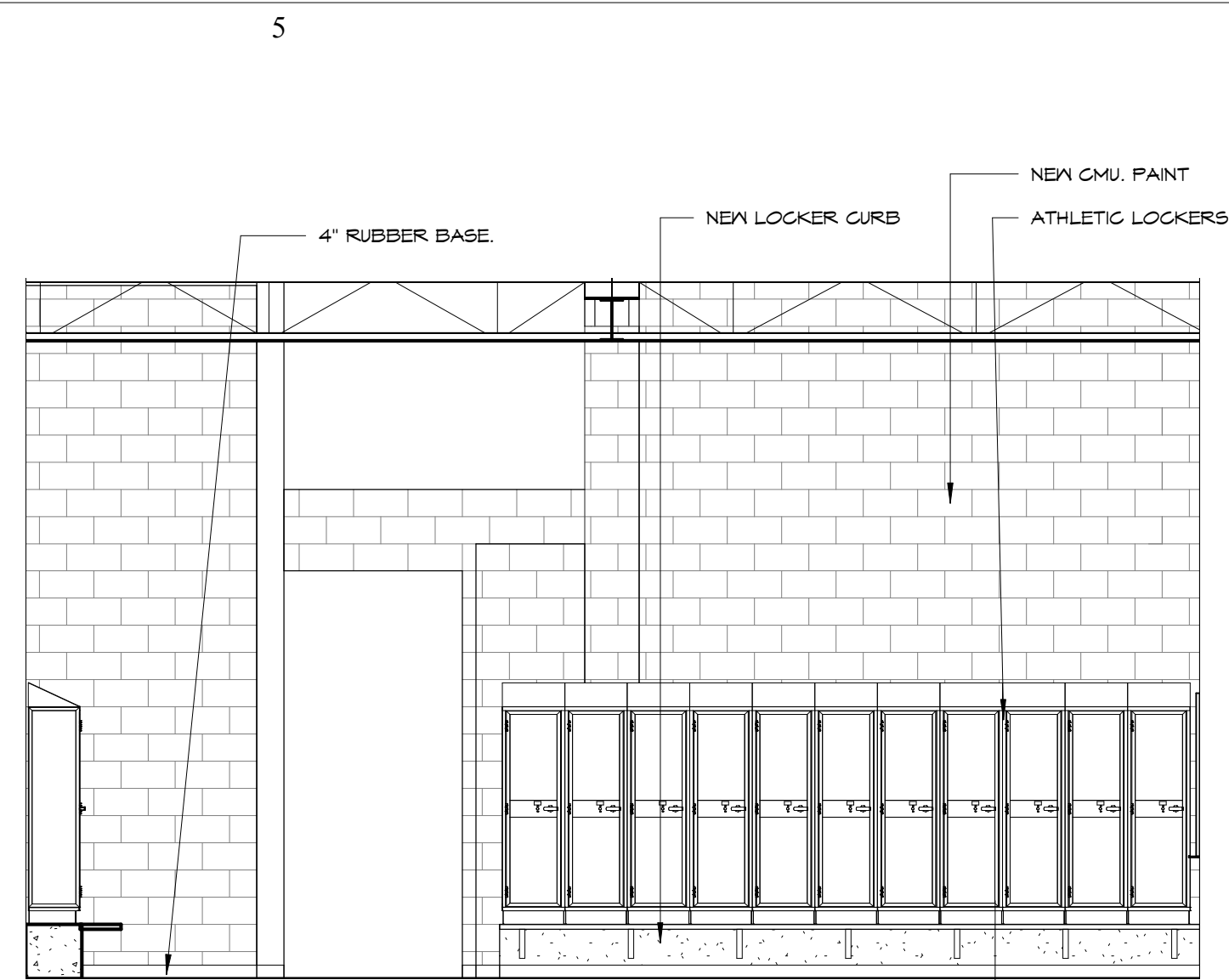
8
A205
139B MEETING - SOUTH WALL
1/4" = 1'-0"



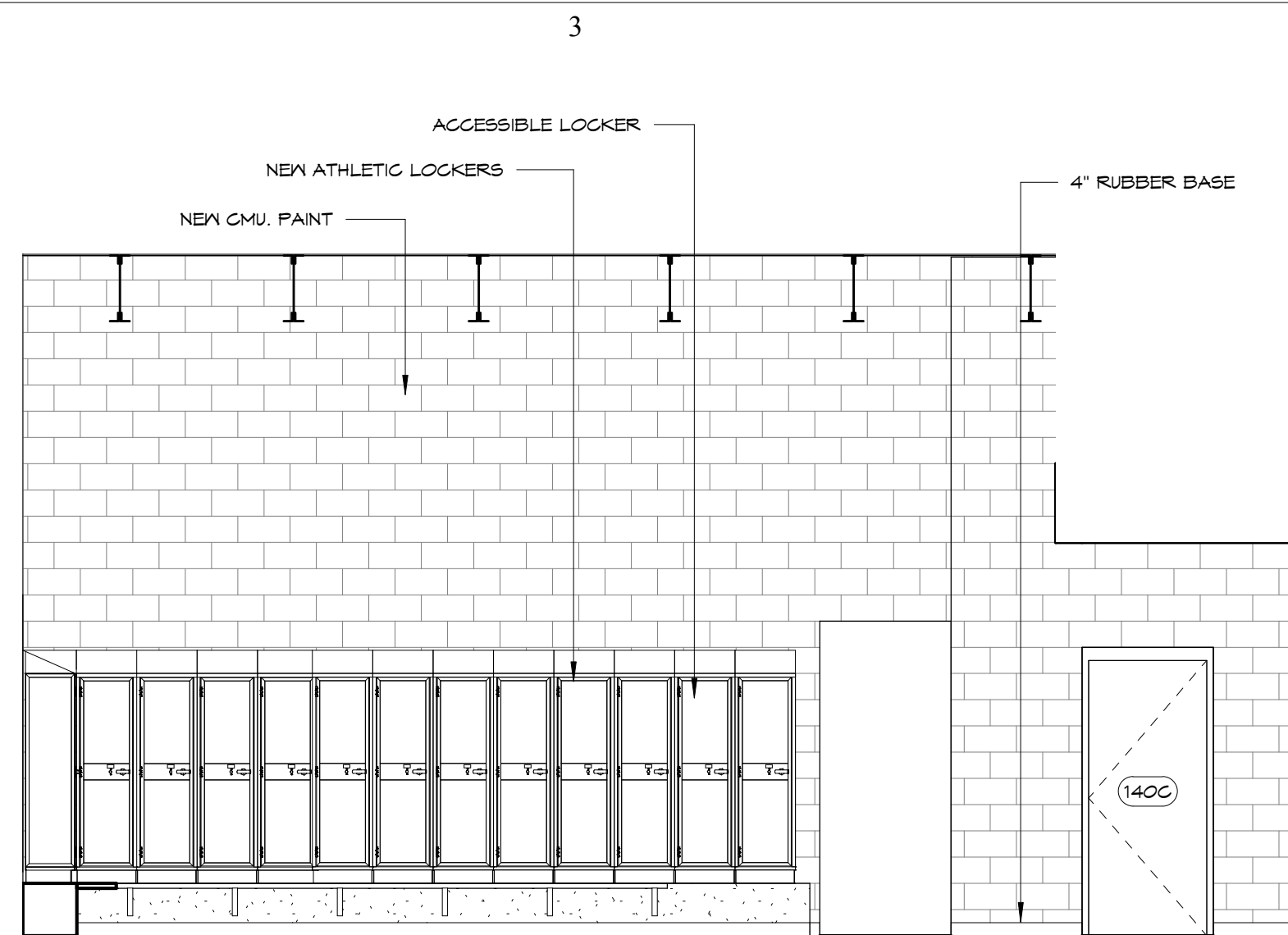
9
A205
140B LAUNDRY - EAST WALL
1/4" = 1'-0"



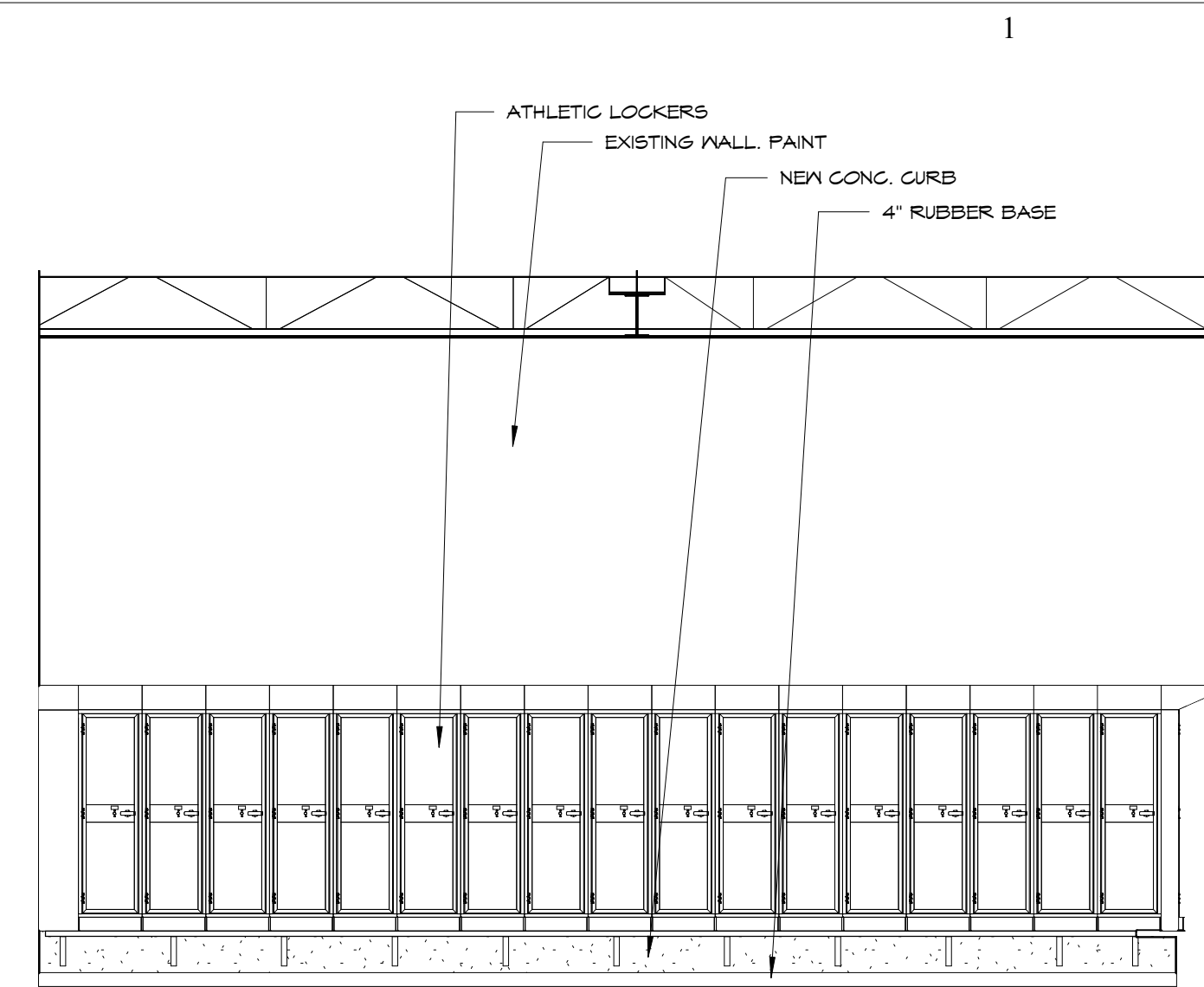
10
A205
140B LAUNDRY - NORTH WALL
1/4" = 1'-0"



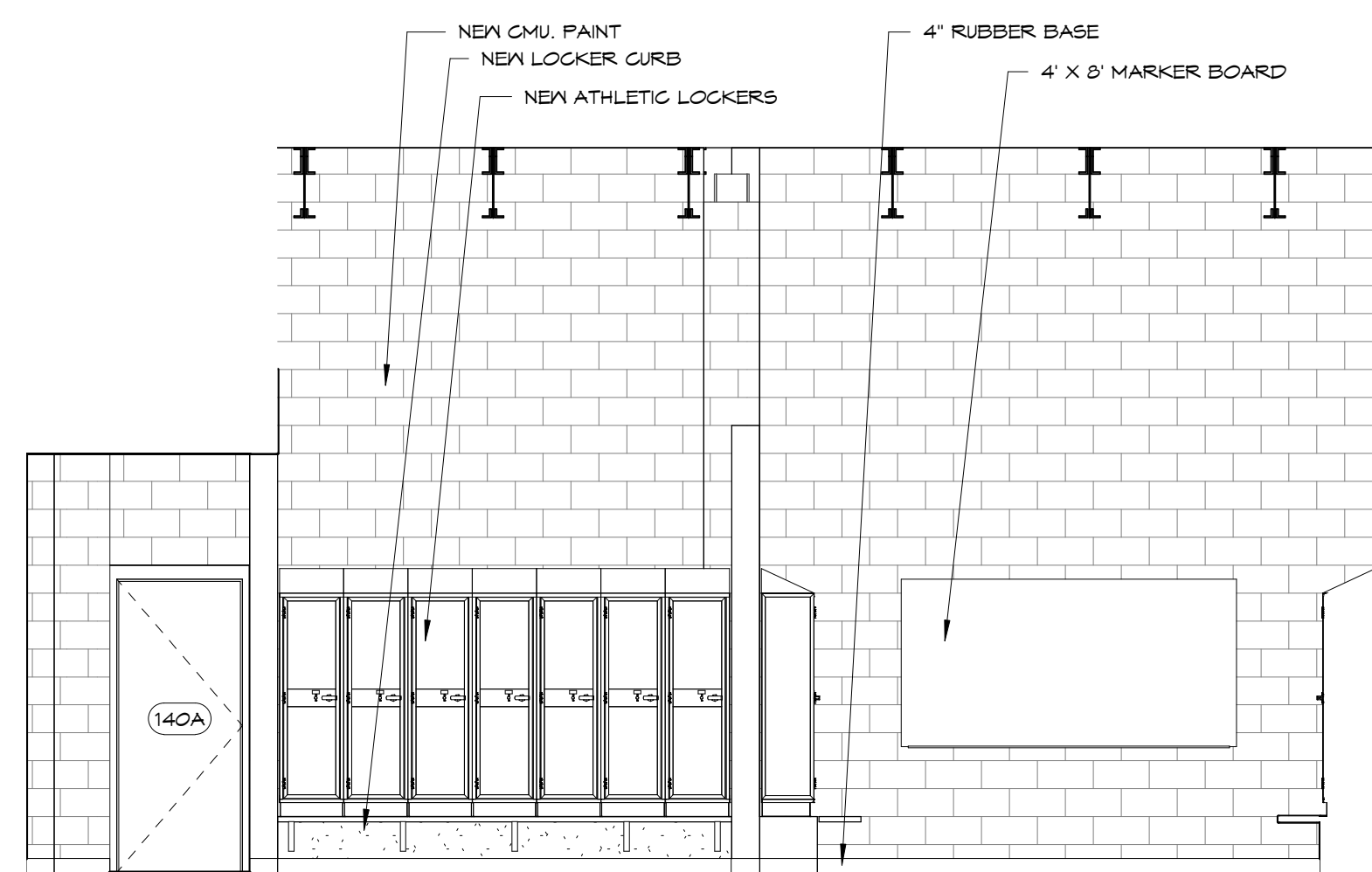
1 140 LOCKERS - EAST WALL
1/4" = 1'-0"



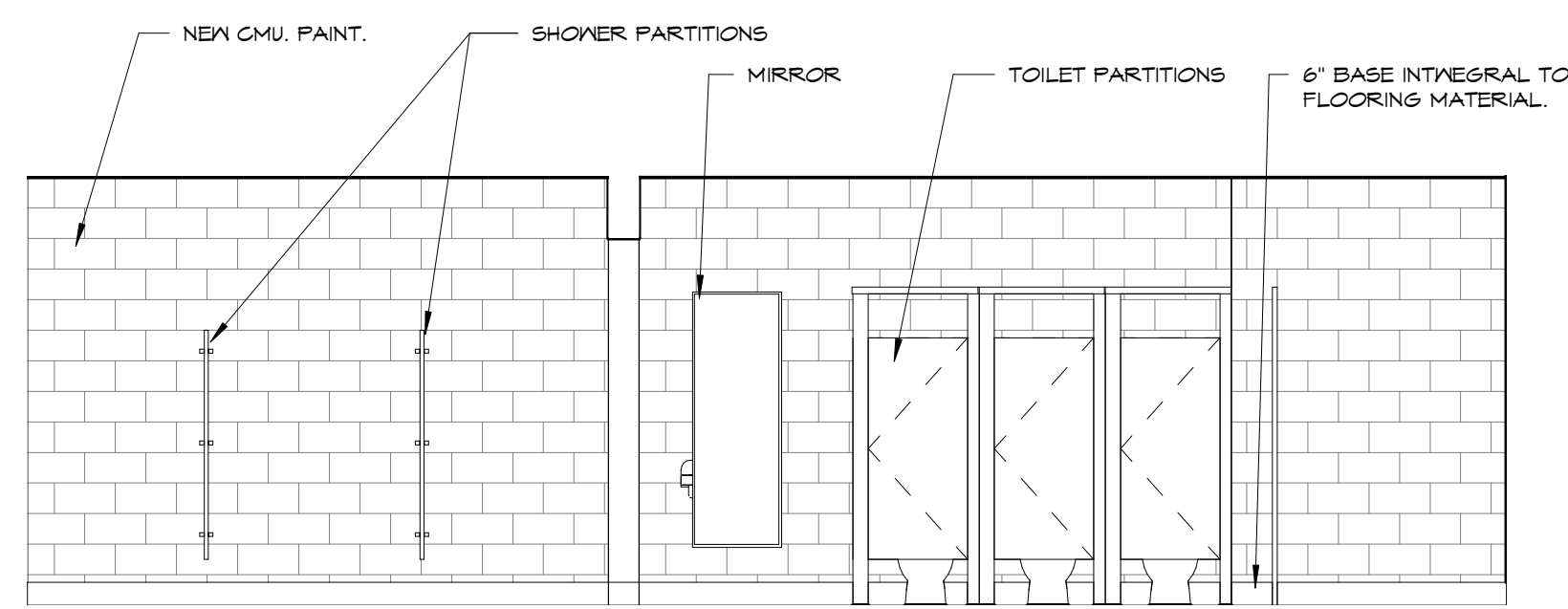
2 140 LOCKERS - NORTH WALL
1/4" = 1'-0"



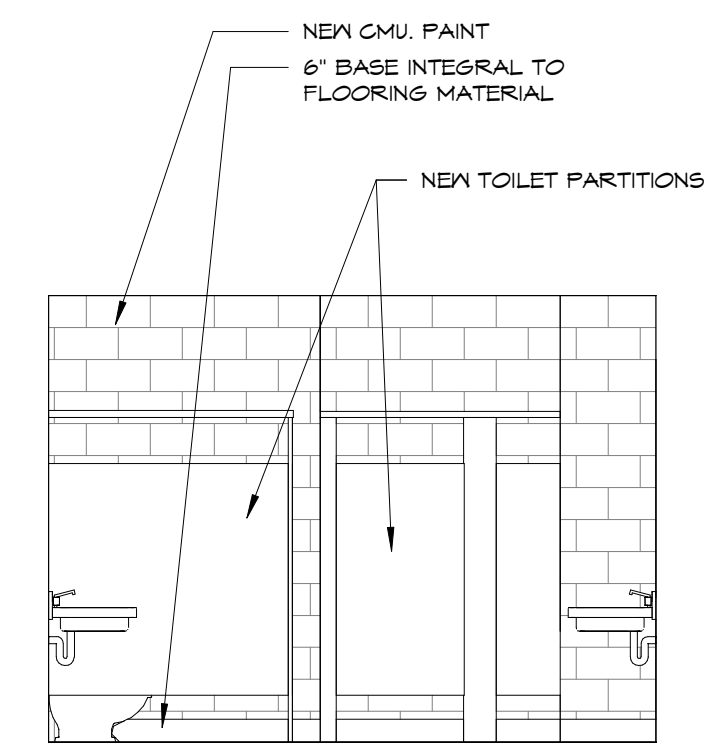
3 140 LOCKERS - WEST WALL
1/4" = 1'-0"



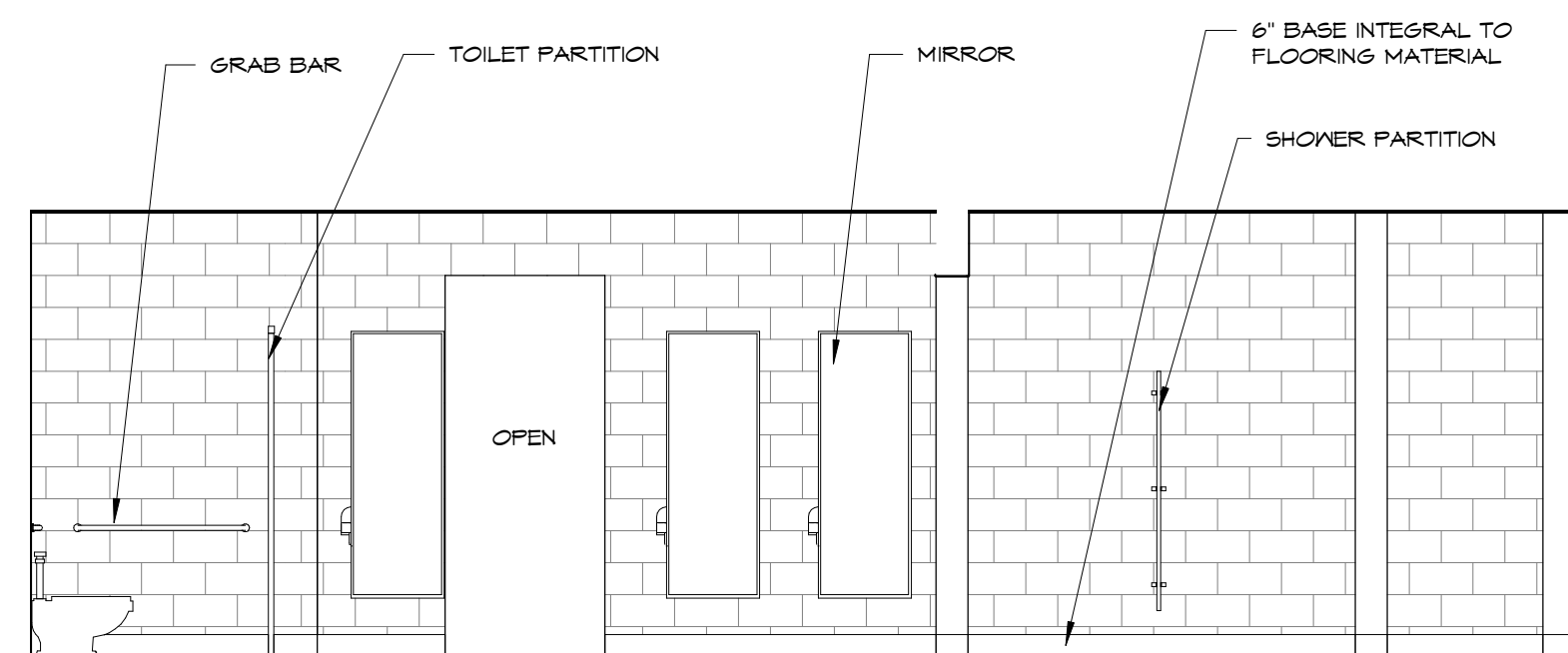
4 140 LOCKERS - SOUTH WALL
1/4" = 1'-0"



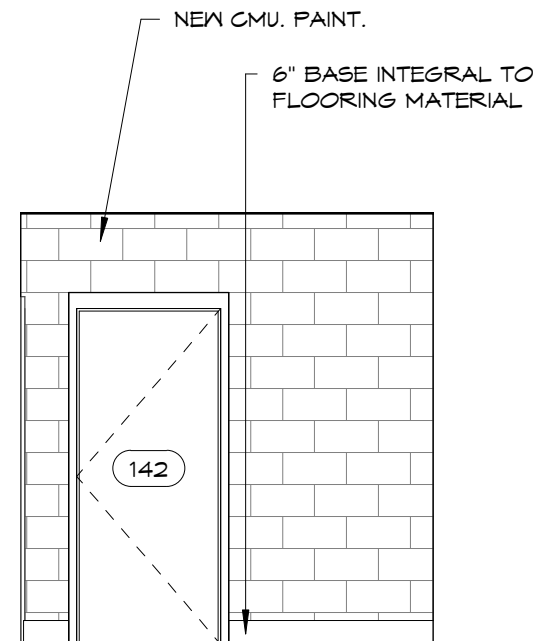
5 140D TOILETS, 140E SHOWERS - NORTH WALL
1/4" = 1'-0"



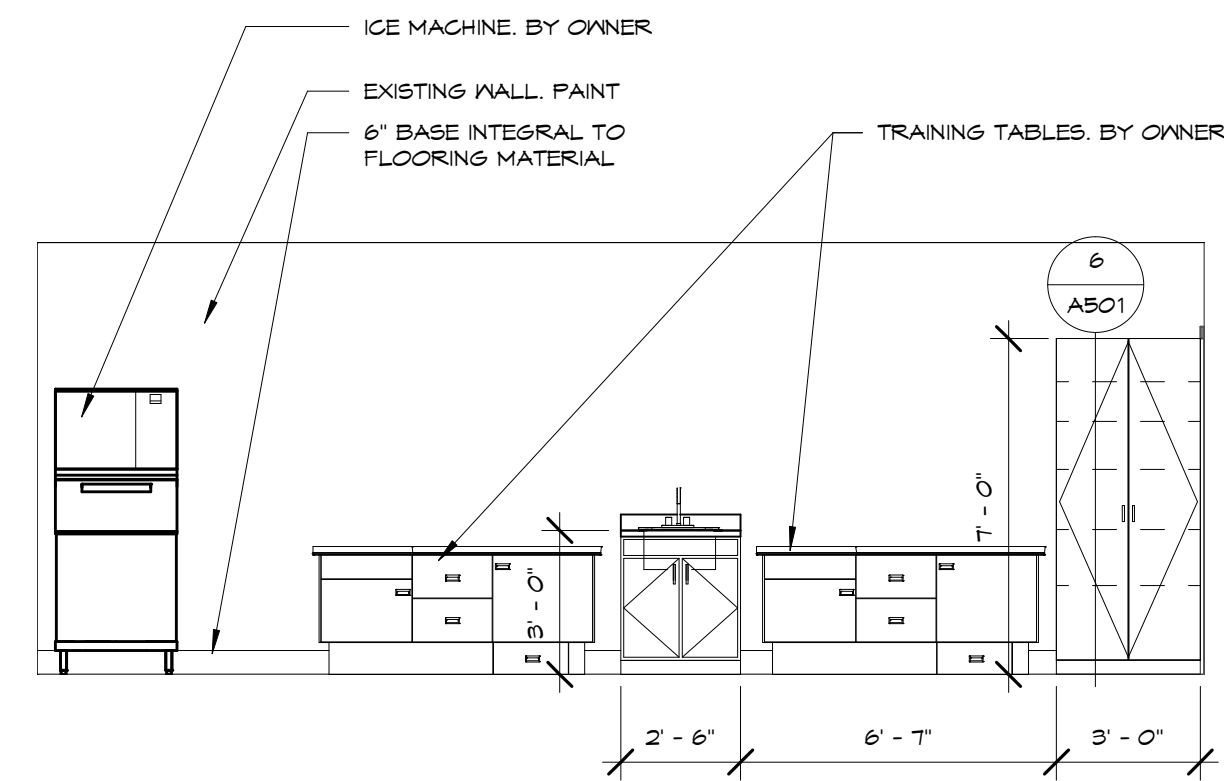
6 140D TOILETS - EAST WALL
1/4" = 1'-0"



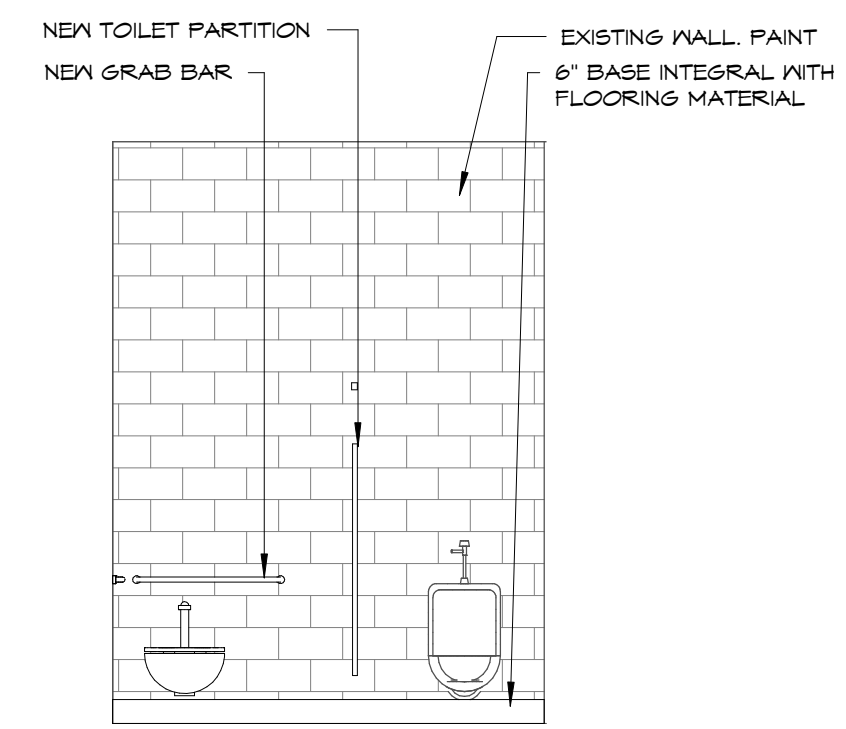
7 140D TOILETS, 140E SHOWERS - SOUTH WALL
1/4" = 1'-0"



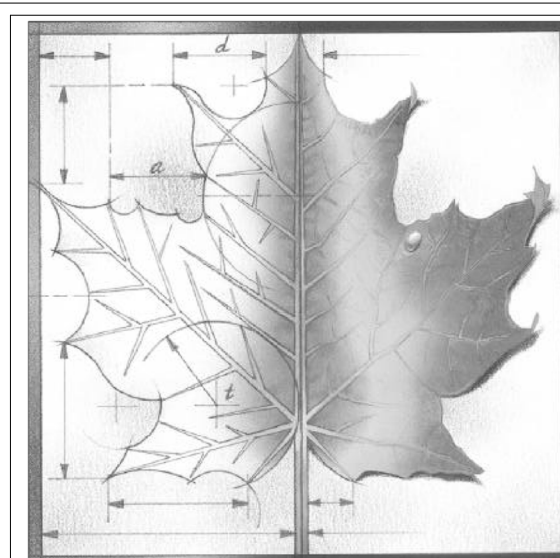
8 142 TRAINING - WEST WALL
1/4" = 1'-0"



9 143 TRAINING - NORTH WALL
1/4" = 1'-0"



10 145 TOILET - NORTH WALL
1/4" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

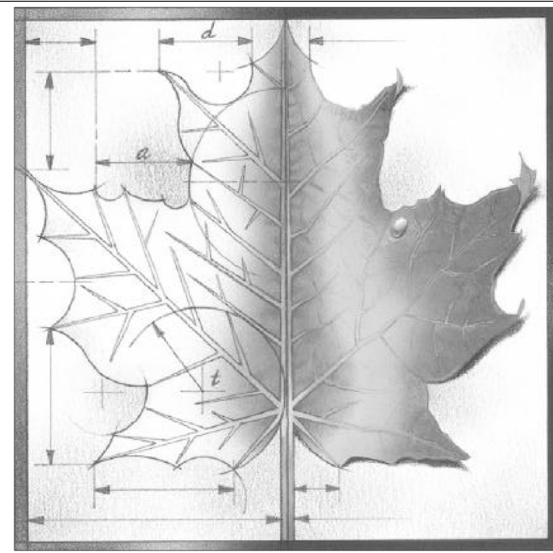
Sheet Title:

INTERIOR ELEVATIONS

Sheet:

A206

Of:



BBN

BBN ARCHITECTS INC
 228 POYNTZ AVENUE
 MANHATTAN, KANSAS 66502
 PH: 785-776-4912 - FAX: 785-776-0944
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
| | | |

PRICING SET
NOT FOR CONSTRUCTION

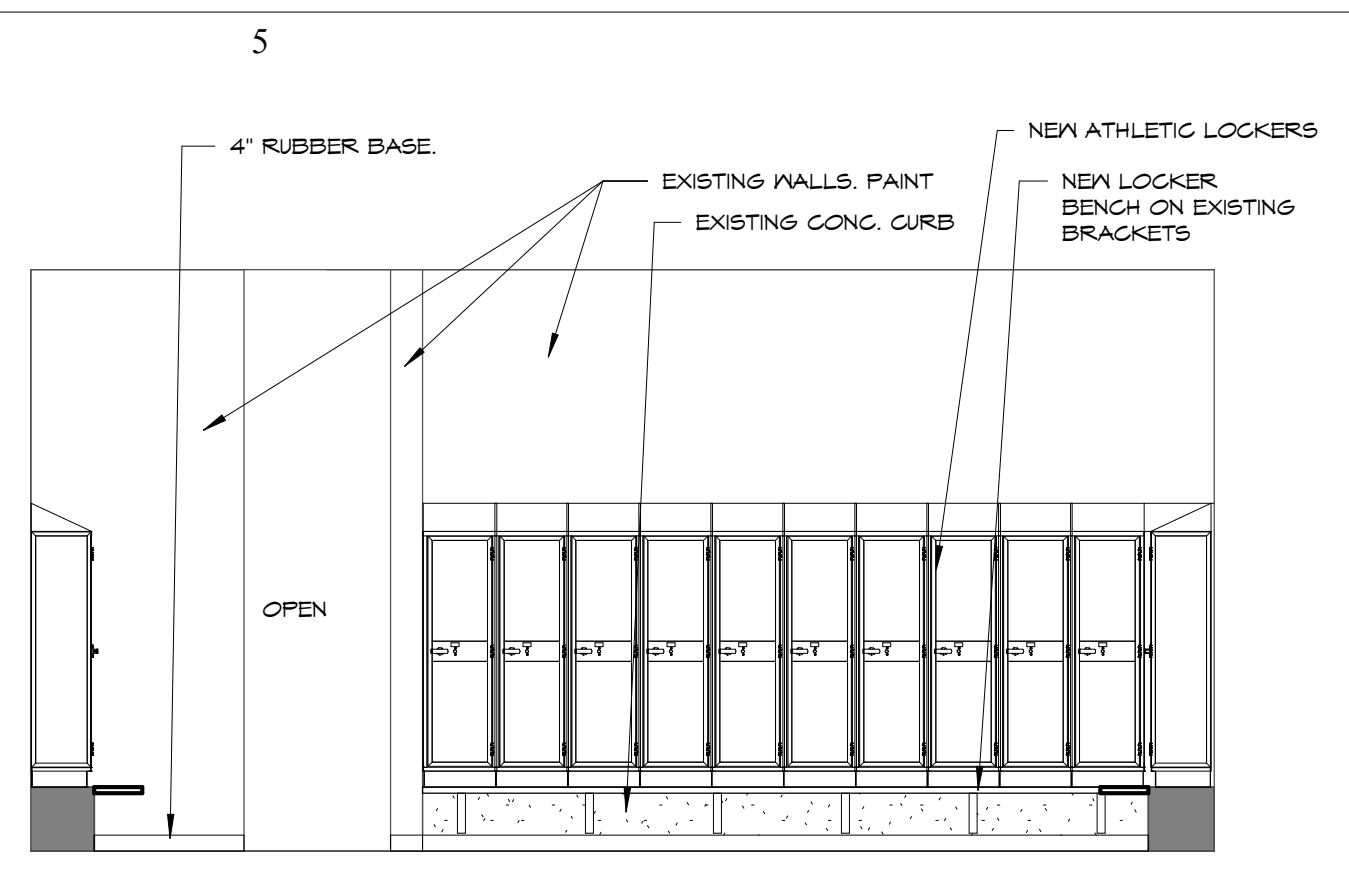
Project Number: **16036**
 Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

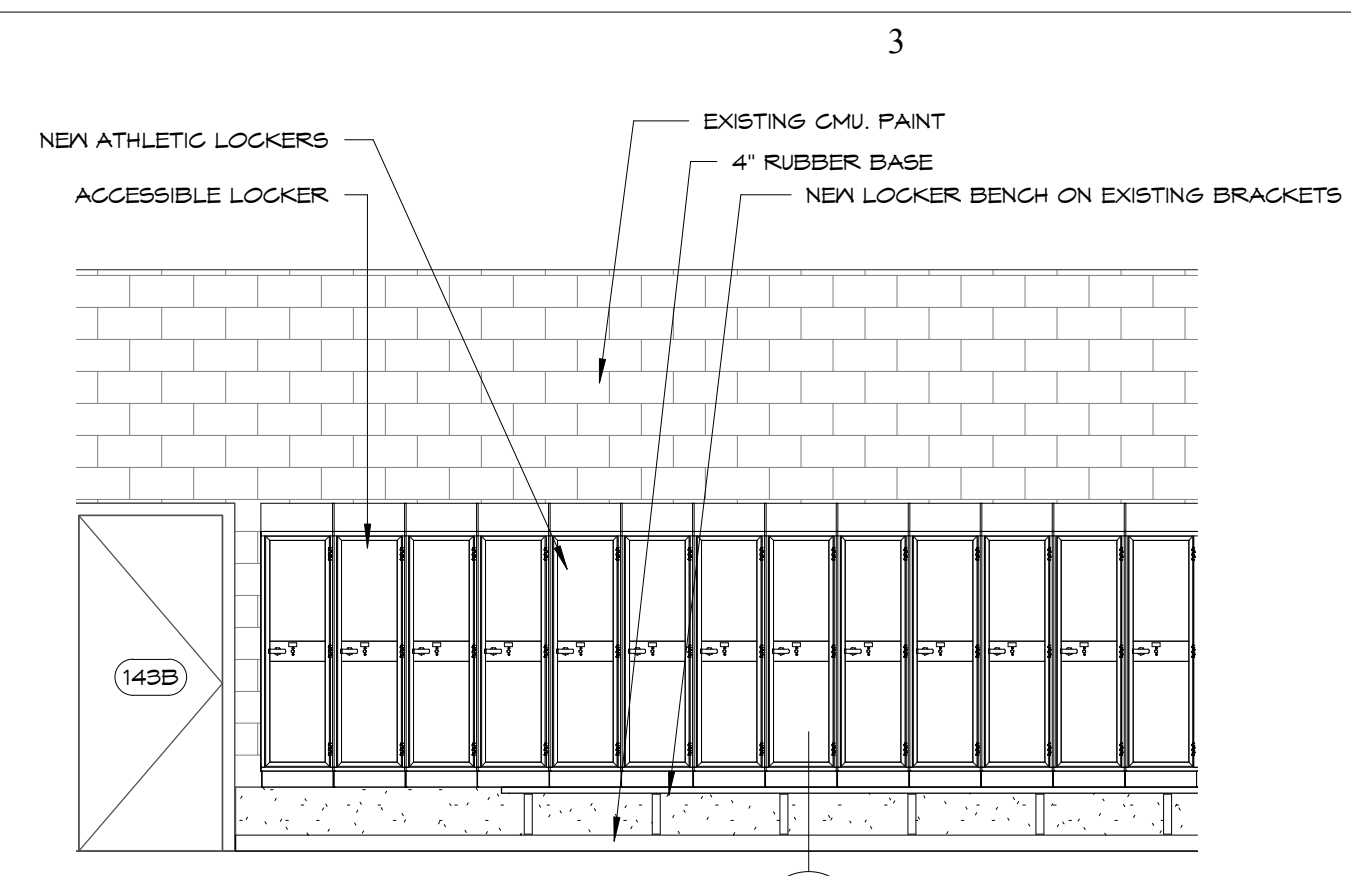
Project Address:
**801 LICNOLN AVENUE
 WAMEGO, KS 66547**

Sheet Title:
INTERIOR ELEVATIONS

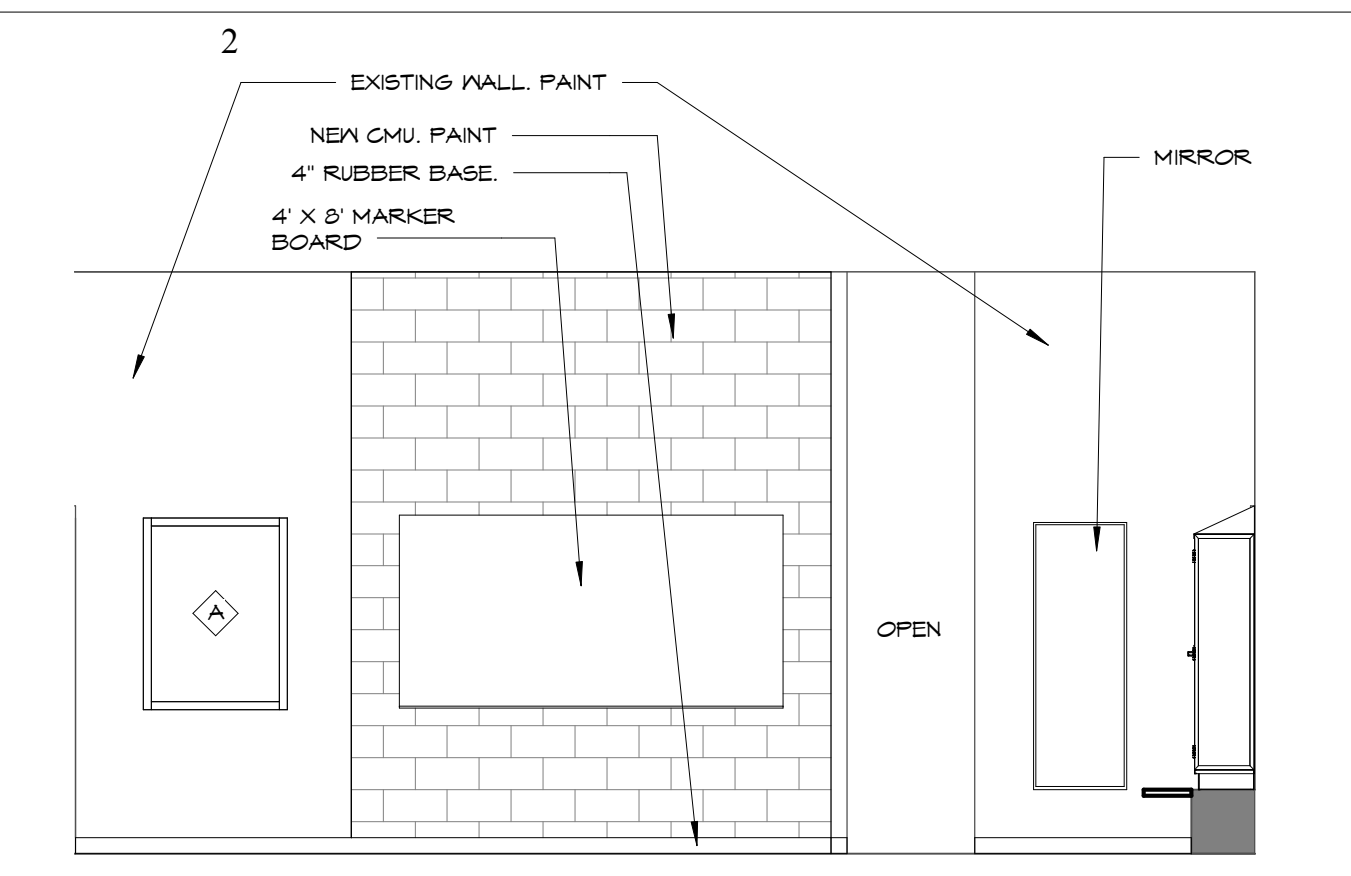
Sheet:
A207
 OF:



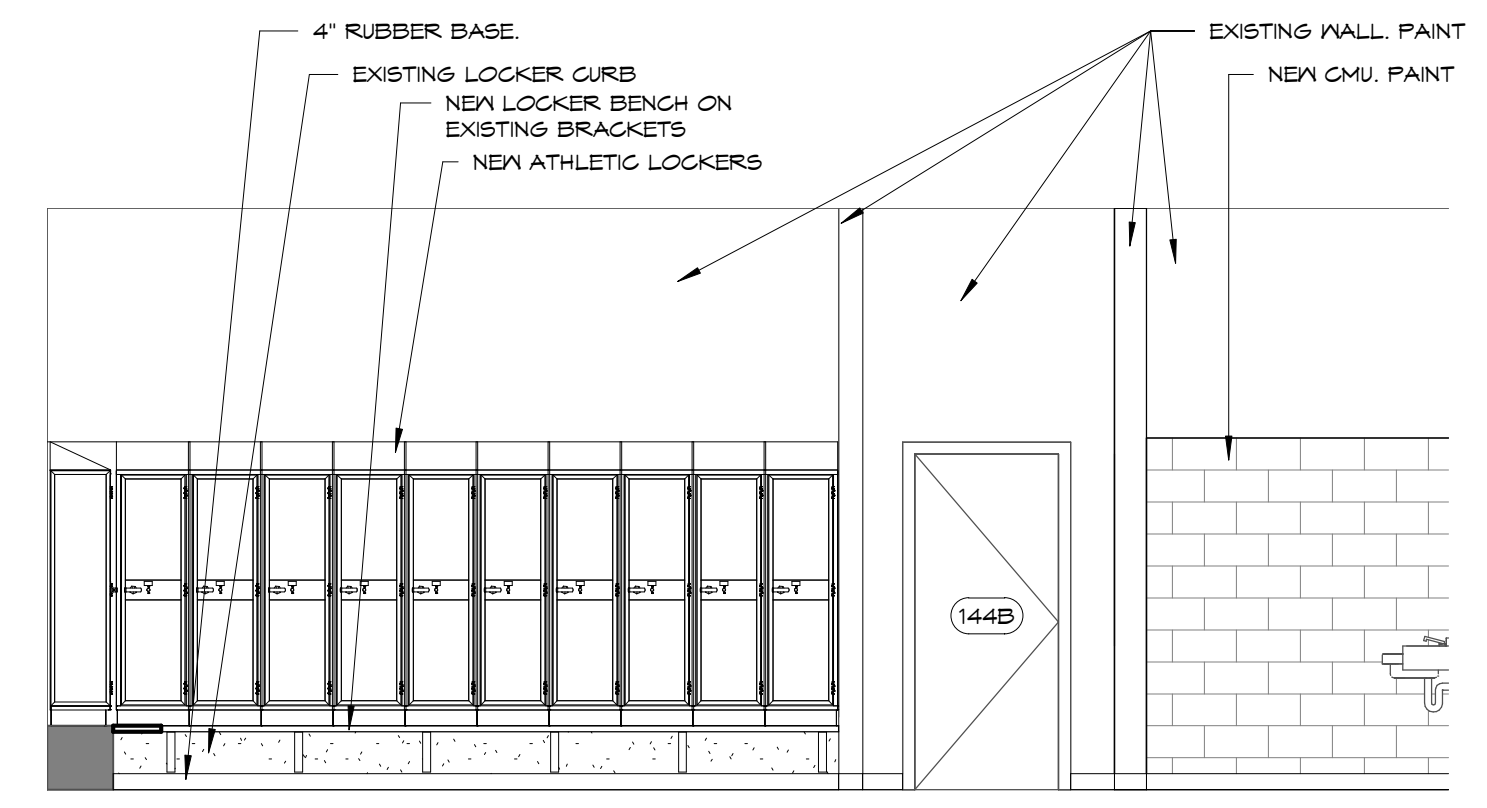
1 144 LOCKERS - EAST WALL
 A207 1/4" = 1'-0"



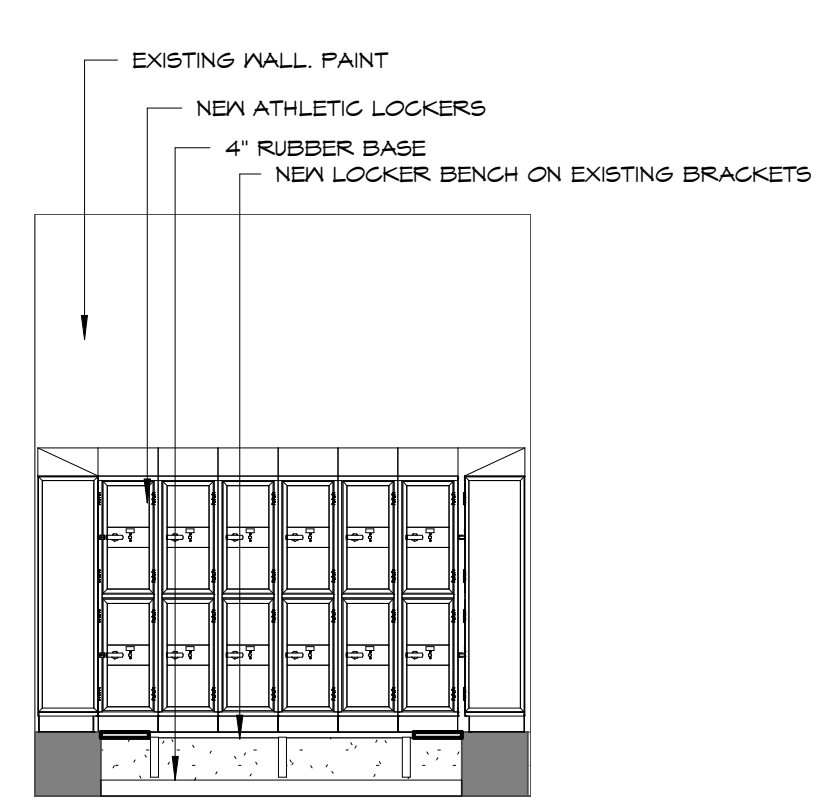
2 144 LOCKERS - NORTH WALL
 A207 1/4" = 1'-0"



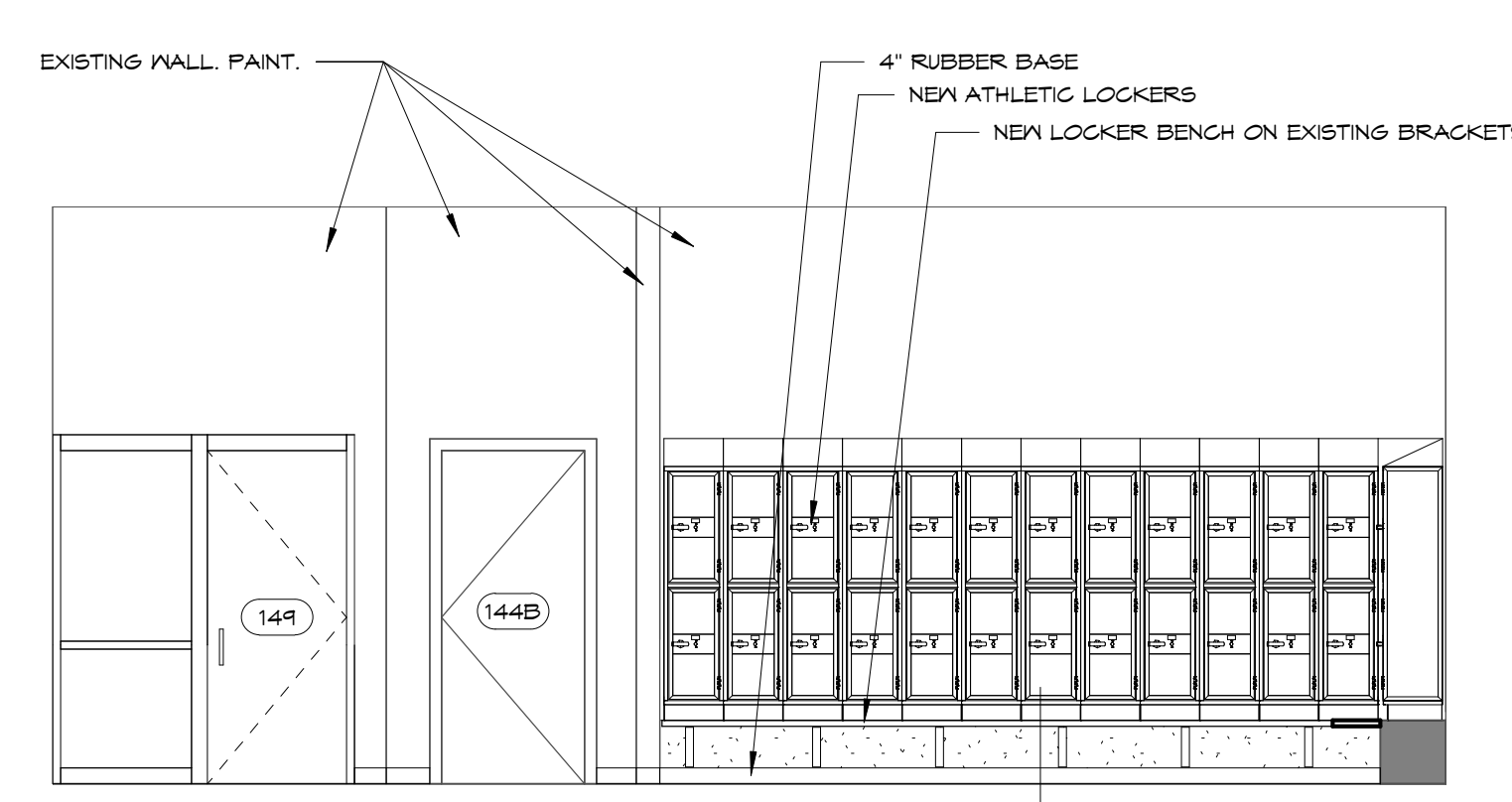
3 144 LOCKERS - WEST WALL
 A207 1/4" = 1'-0"



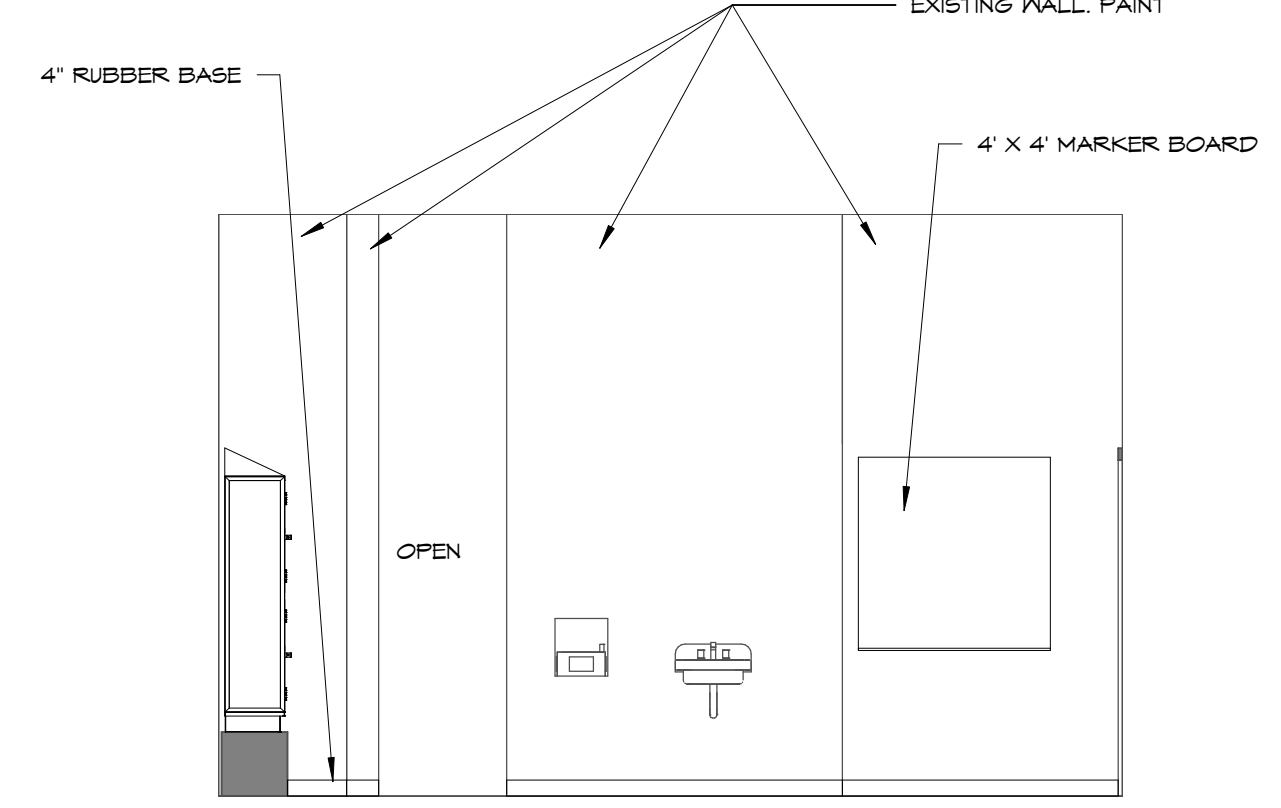
4 144 LOCKERS - SOUTH WALL
 A207 1/4" = 1'-0"



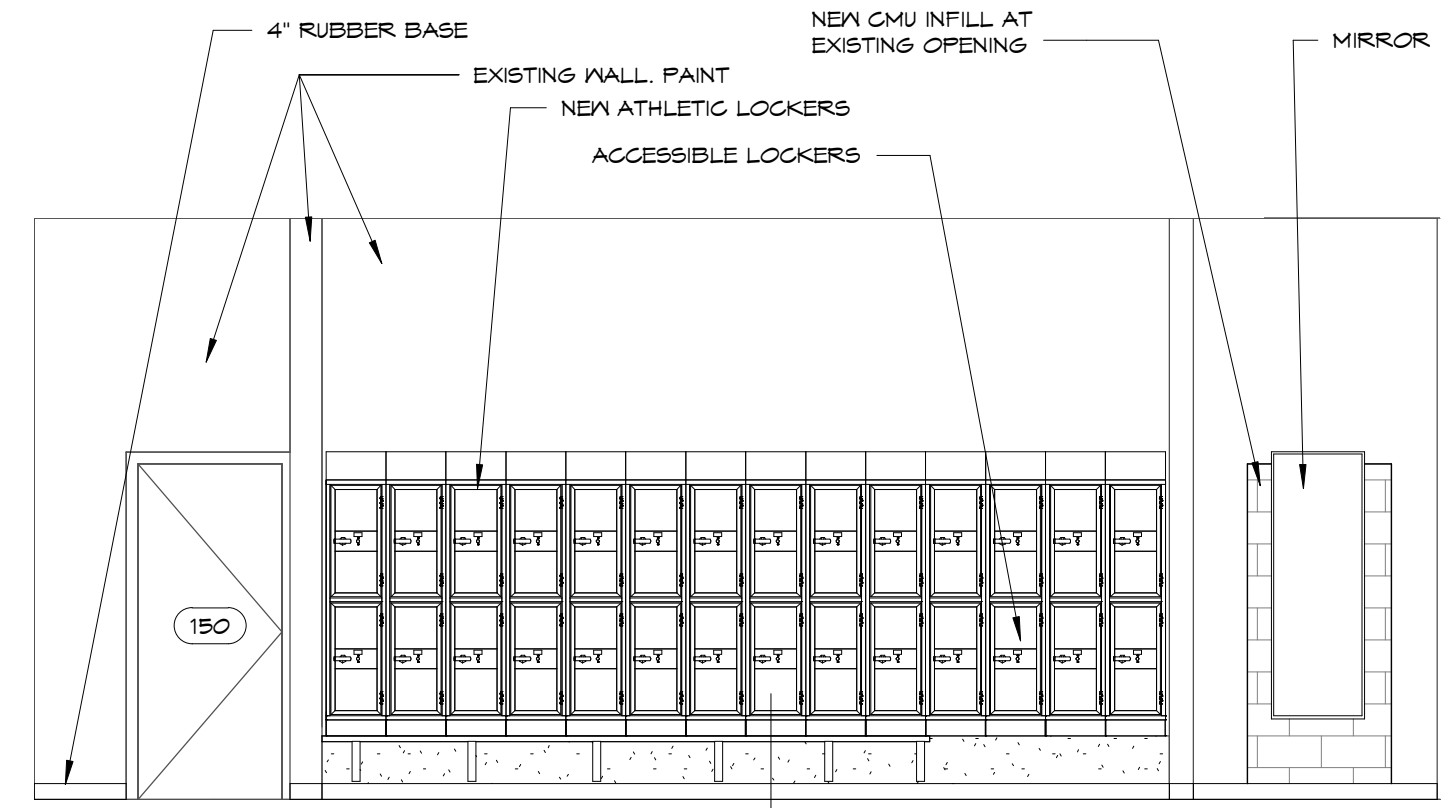
5 150 LOCKERS - EAST WALL
 A207 1/4" = 1'-0"



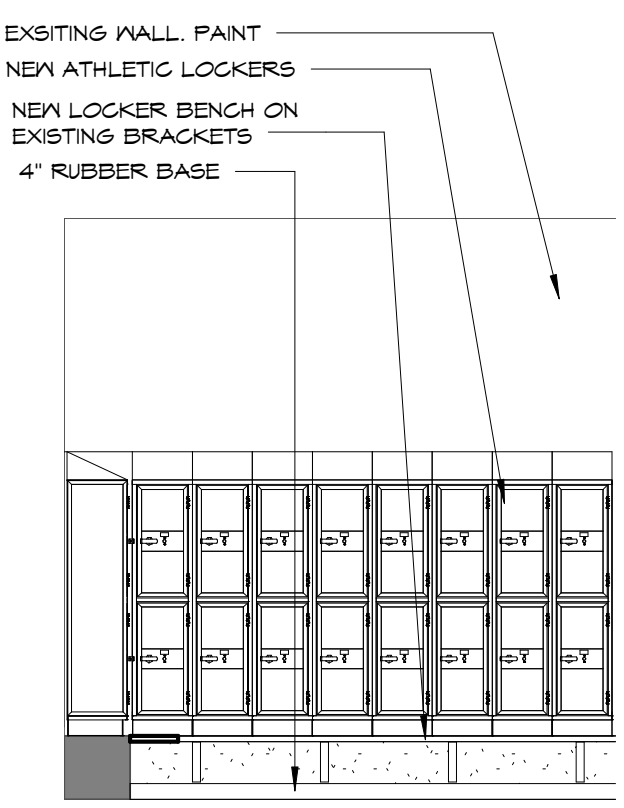
6 150 LOCKERS - NORTH WALL
 A207 1/4" = 1'-0"



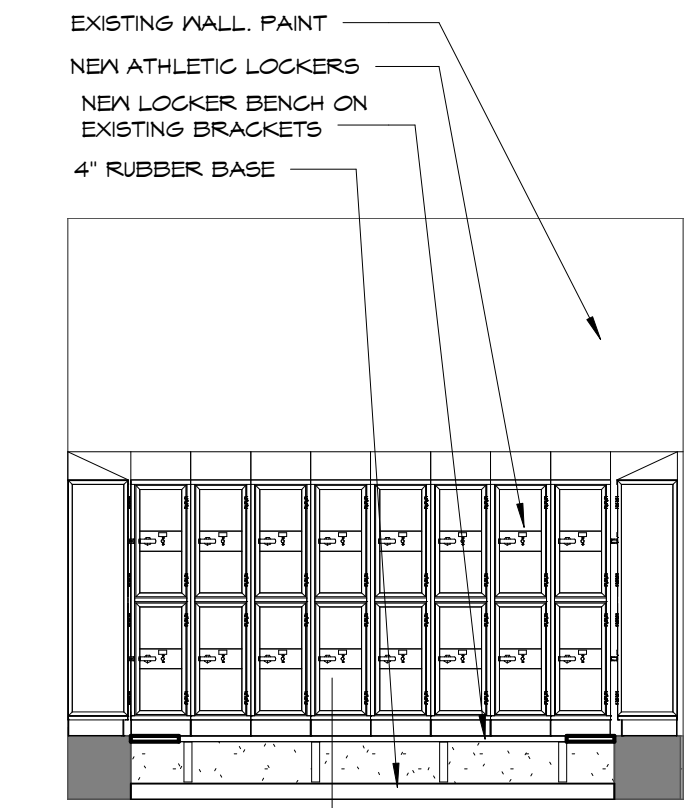
7 150 LOCKERS - WEST WALL
 A207 1/4" = 1'-0"



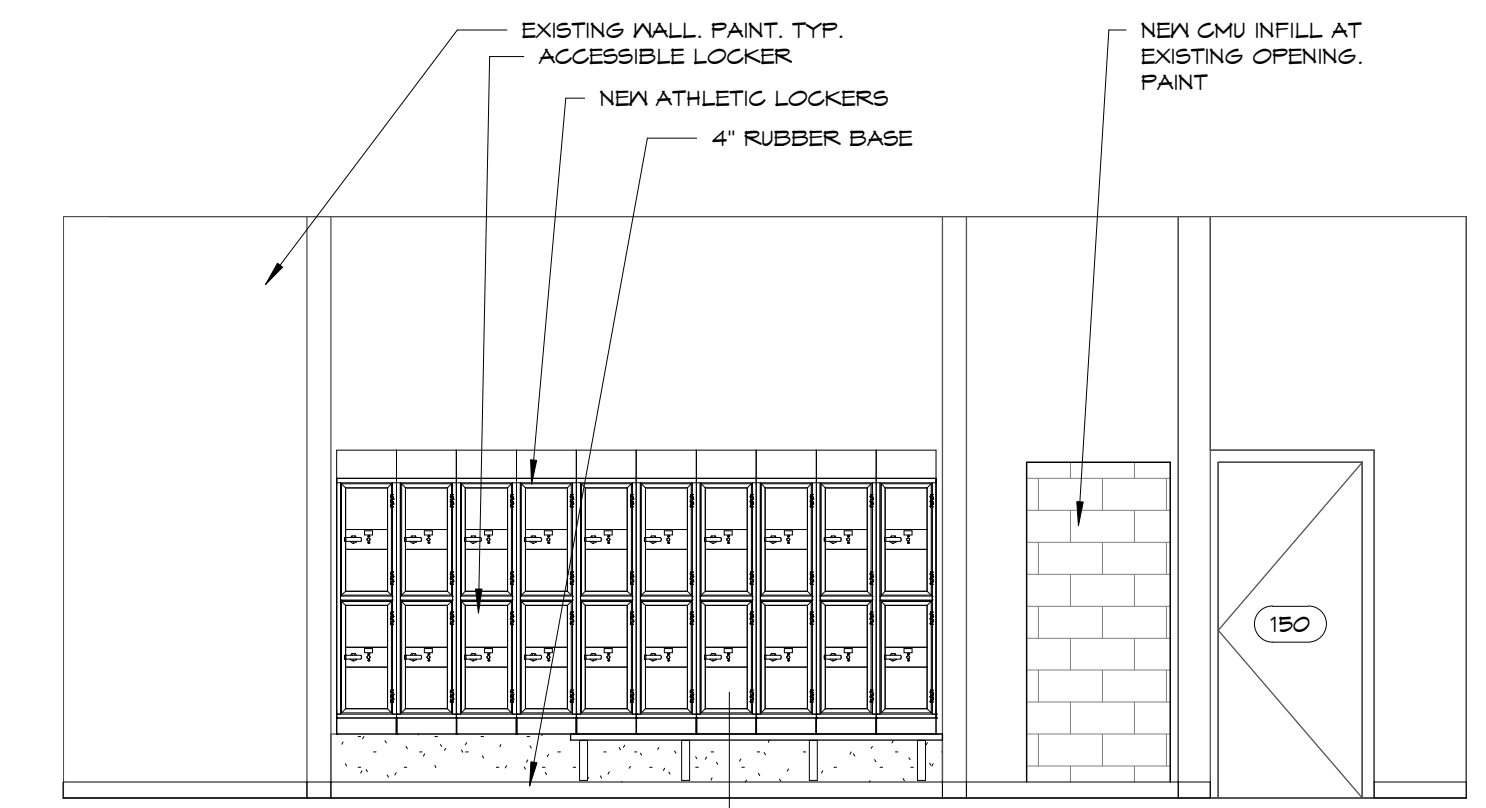
8 150 LOCKERS - SOUTH WALL
 A207 1/4" = 1'-0"



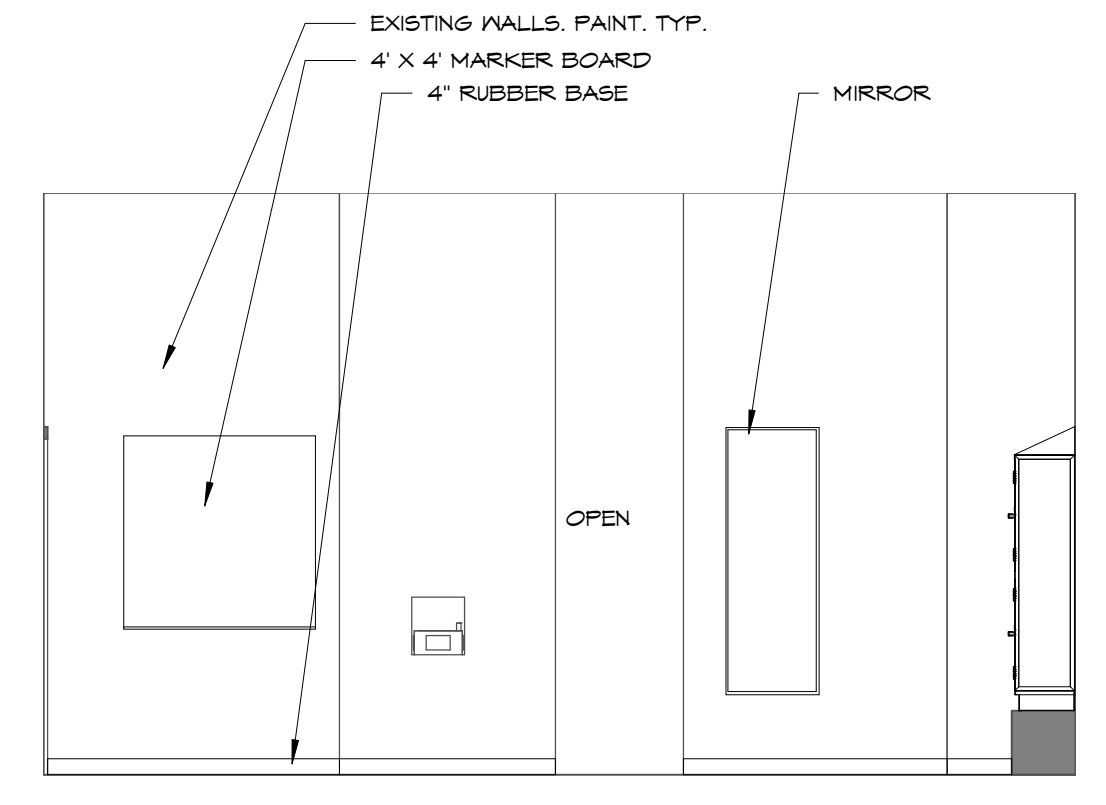
9 150 LOCKERS - PARTIAL SOUTH WALL
 A207 1/4" = 1'-0"



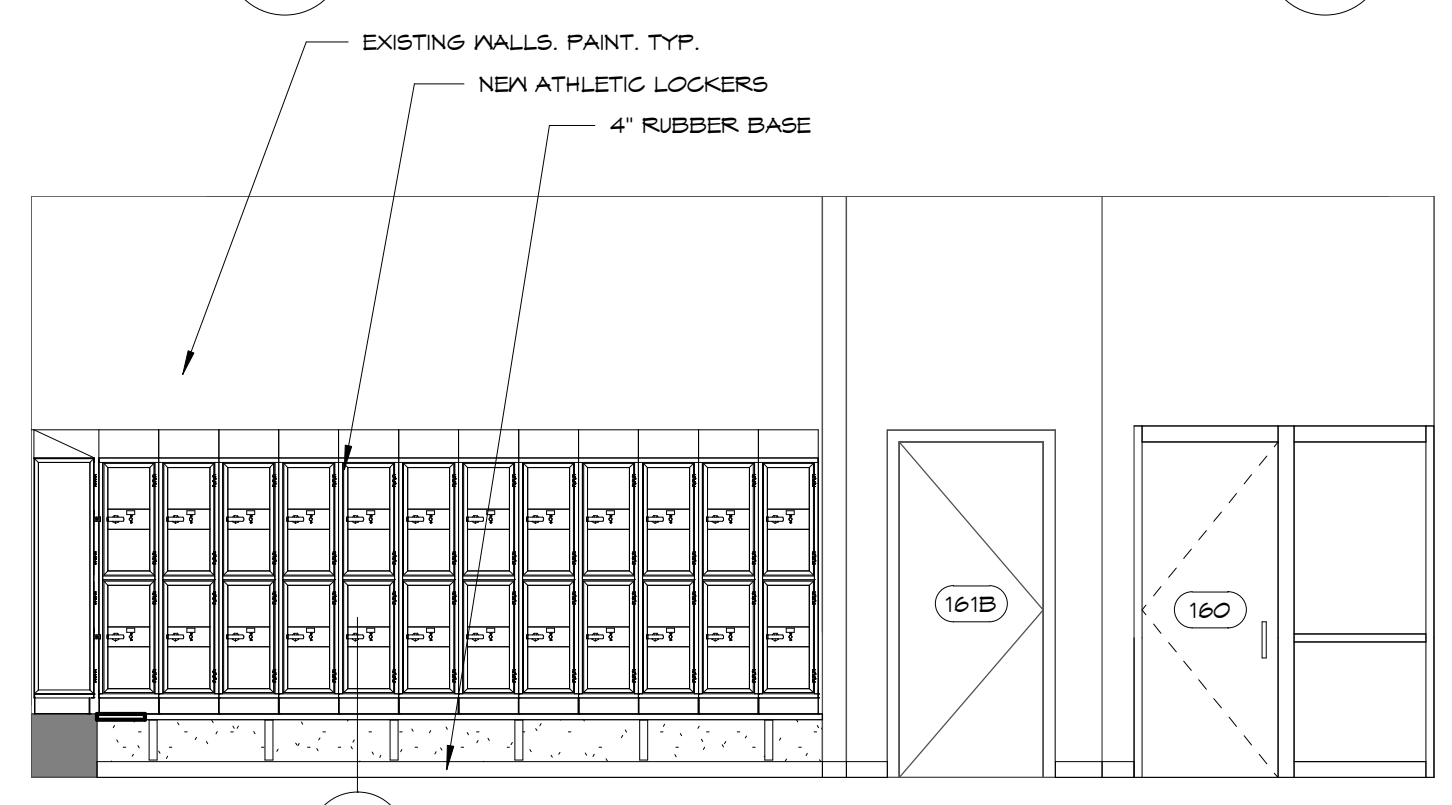
10 155 LOCKERS - EAST WALL
 A207 1/4" = 1'-0"



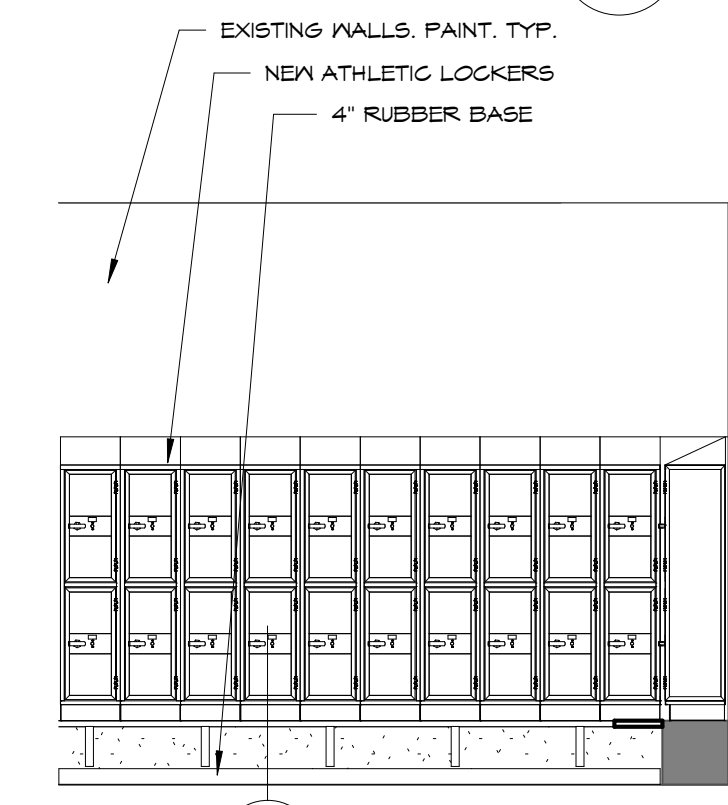
11 155 LOCKERS - NORTH WALL
 A207 1/4" = 1'-0"



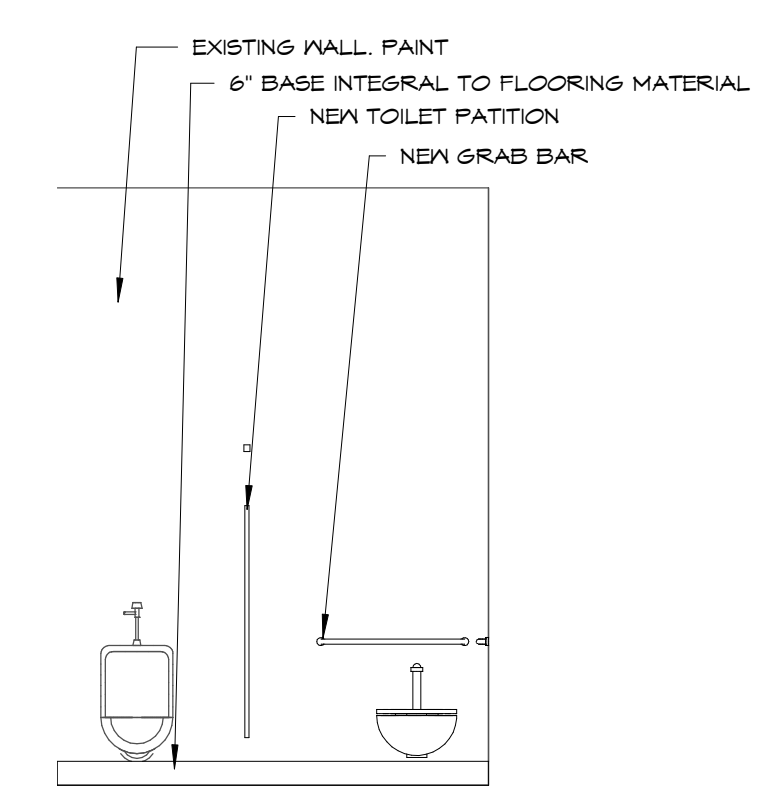
12 155 LOCKERS - WEST WALL
 A207 1/4" = 1'-0"



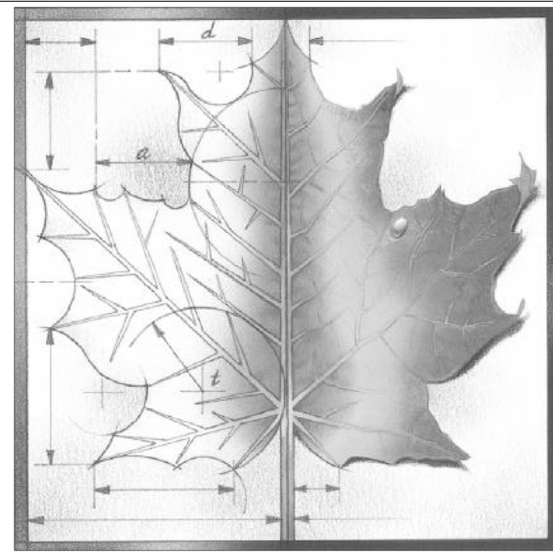
13 155 LOCKERS - SOUTH WALL
 A207 1/4" = 1'-0"



14 155 LOCKERS - PARTIAL NORTH WALL
 A207 1/4" = 1'-0"



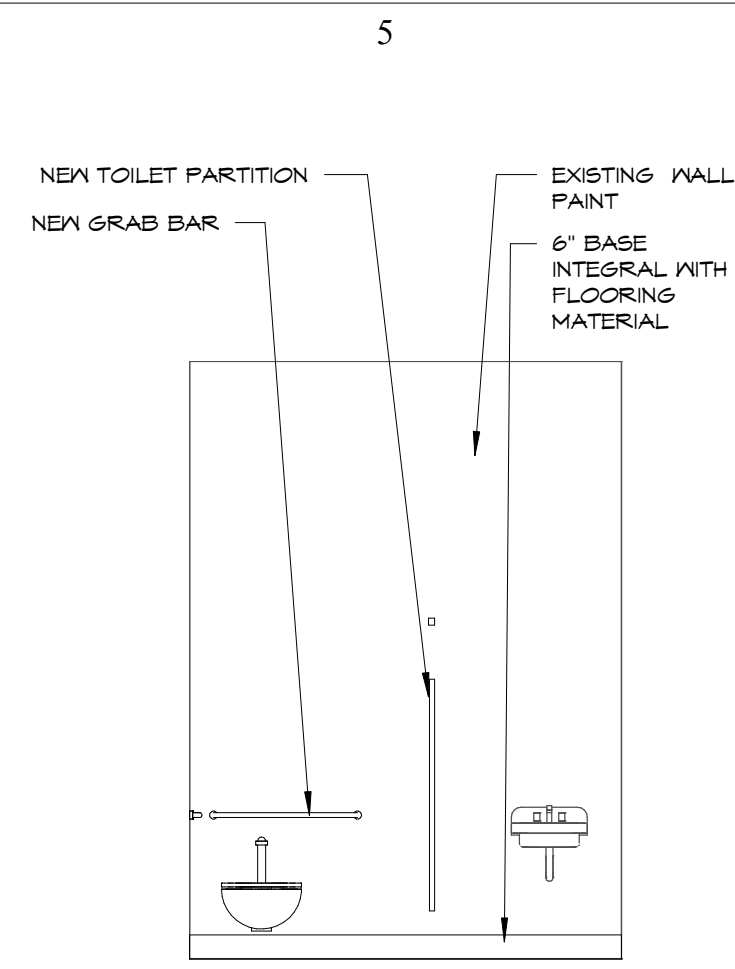
15 152 TOILETS - SOUTH WALL
 A207 1/4" = 1'-0"



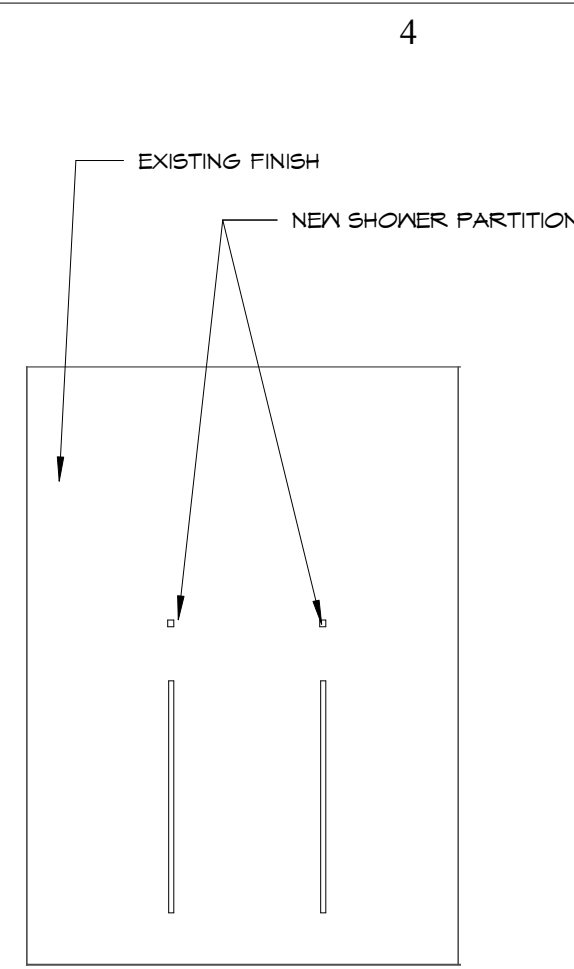
BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

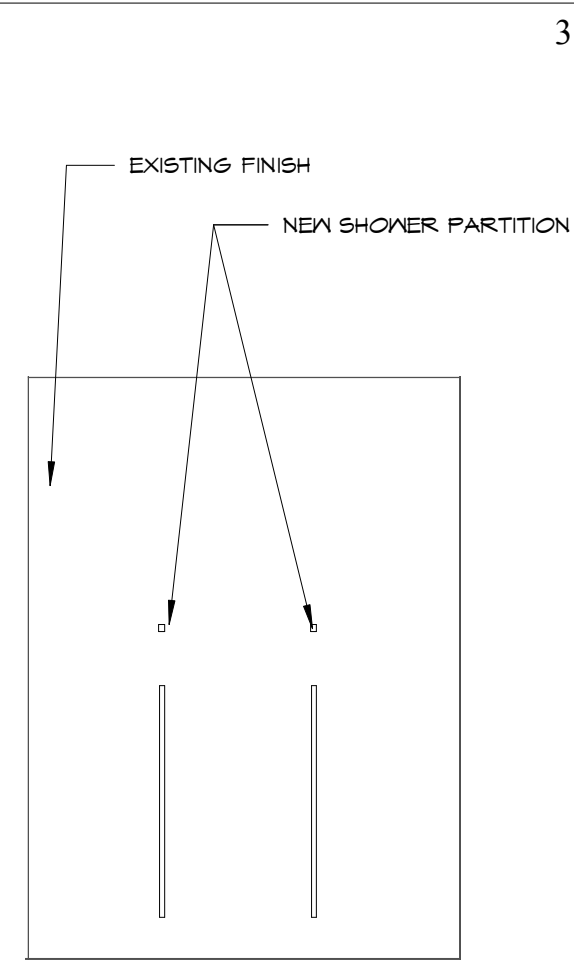
Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.



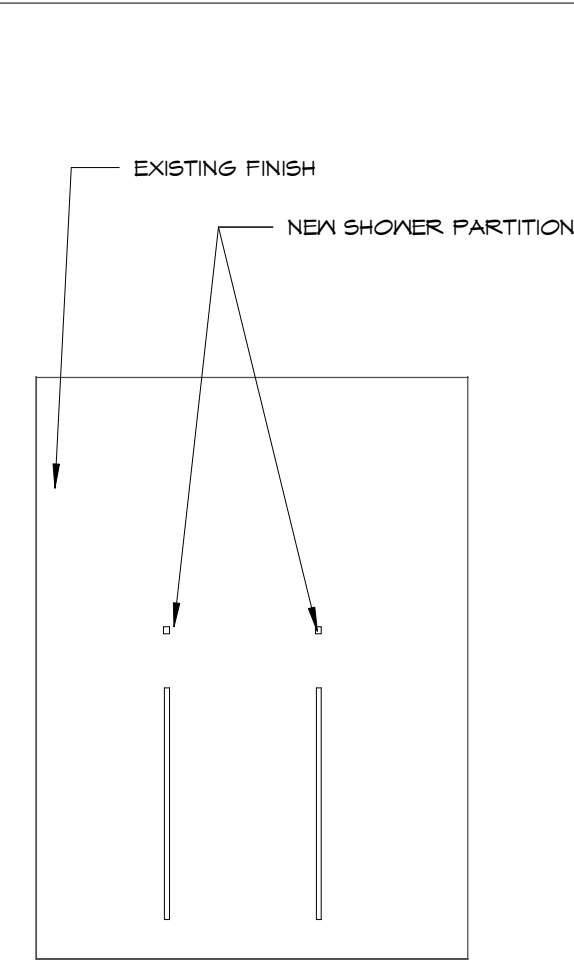
1
A20B 156 TOILETS - NORTH WALL
1/4" = 1'-0"



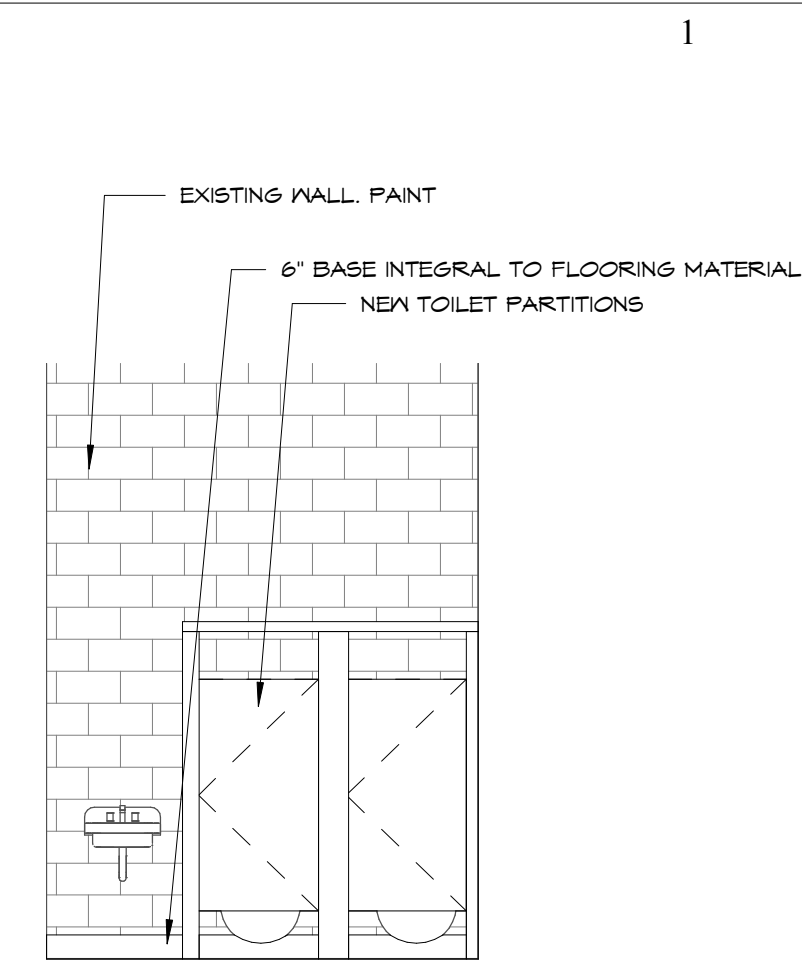
2
A20B 151 SHOWER - NORTH WALL
1/4" = 1'-0"



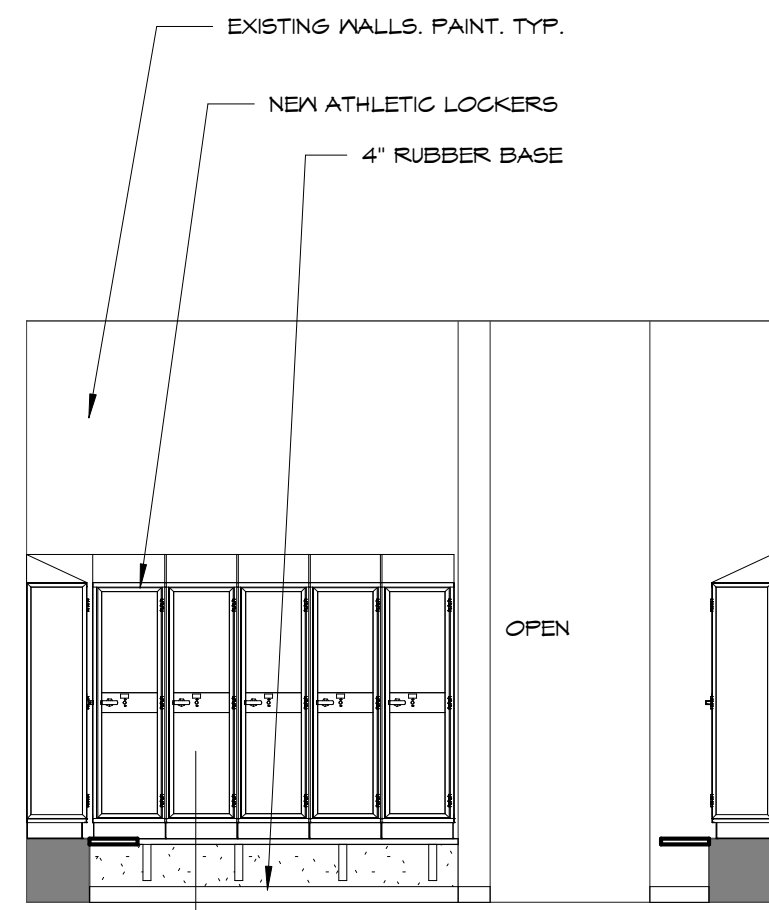
3
A20B 151 SHOWER - SOUTH WALL
1/4" = 1'-0"



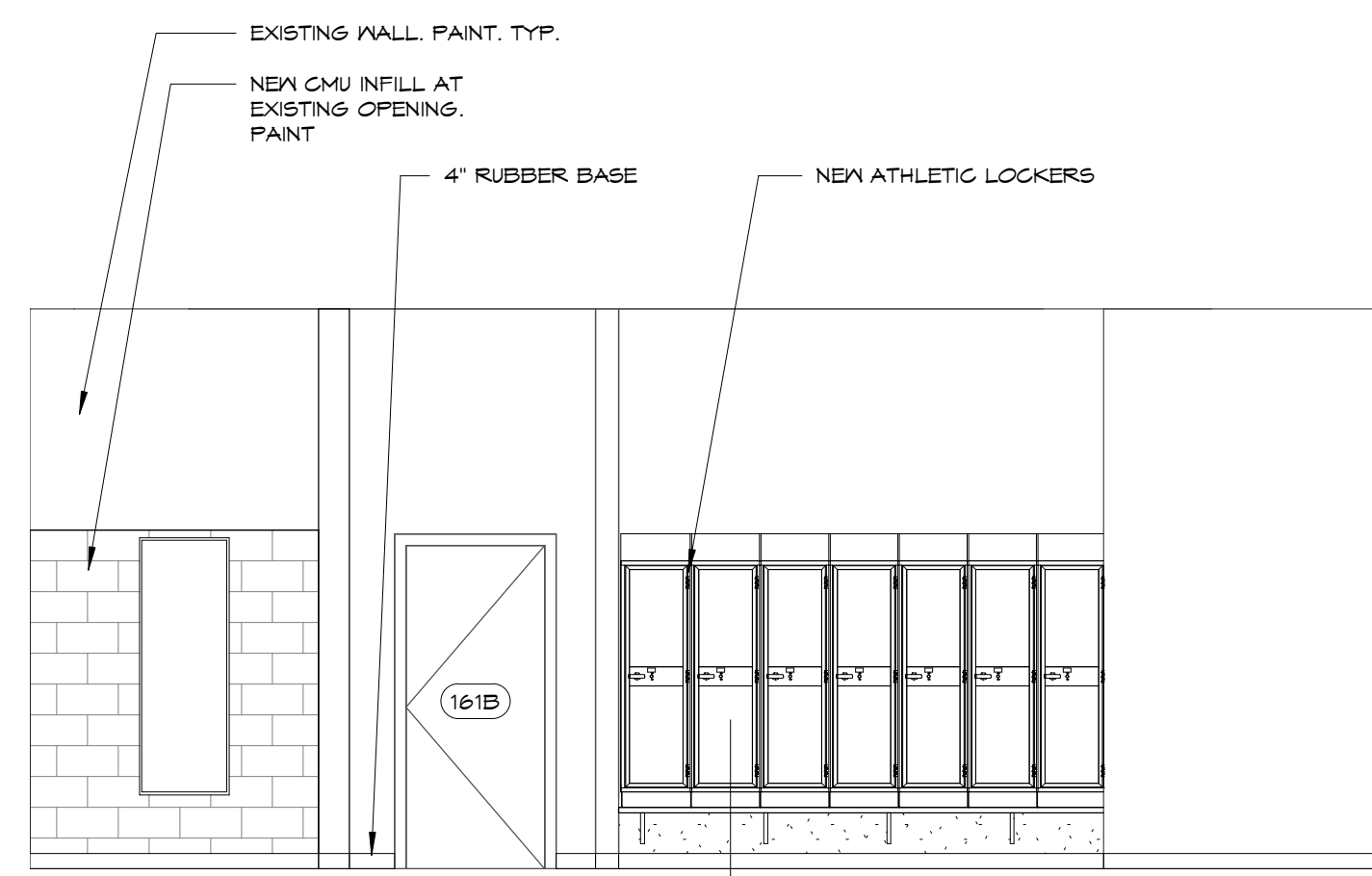
4
A20B 162 SHOWERS - NORTH WALL
1/4" = 1'-0"



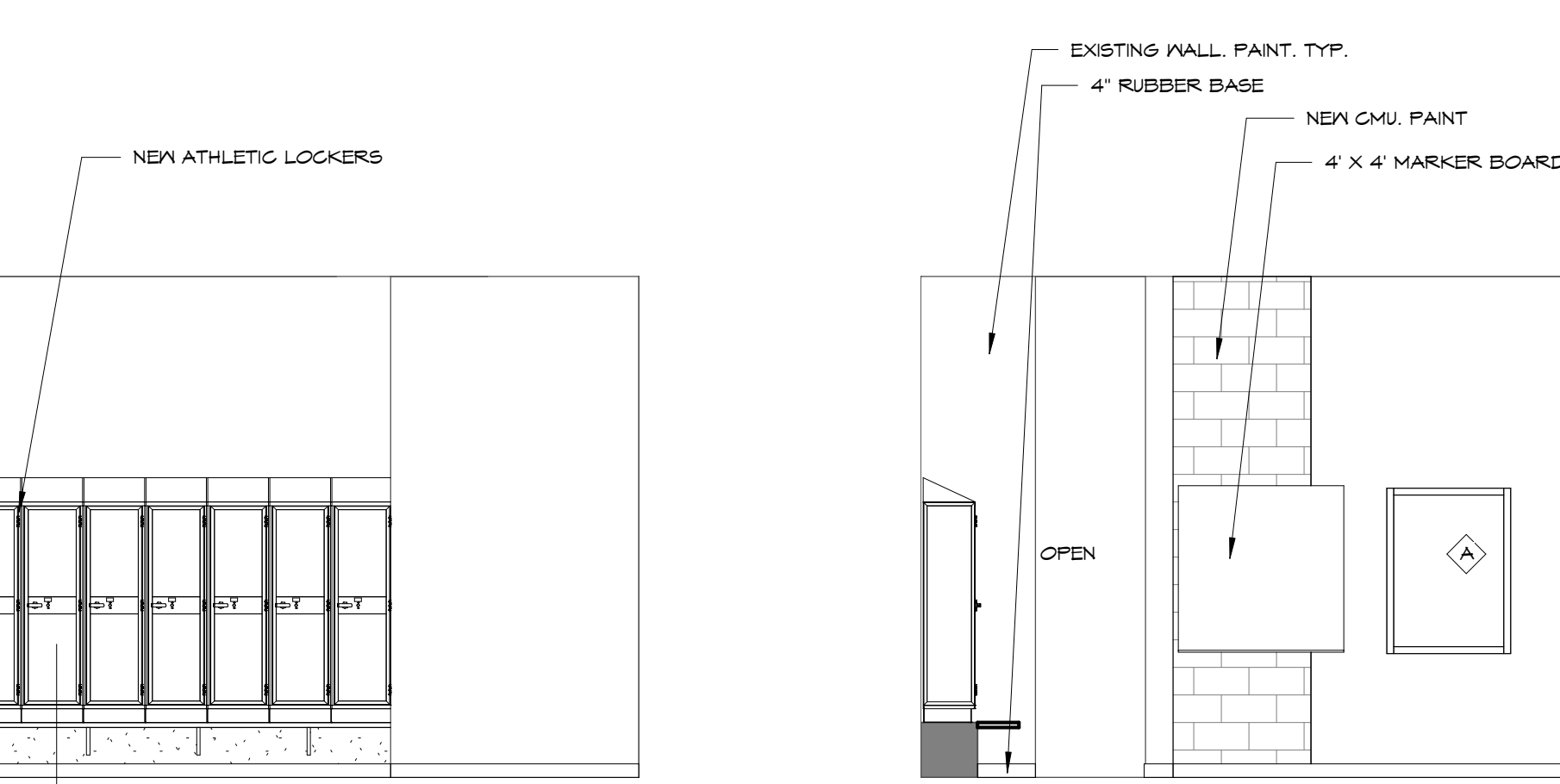
5
A20B 163 TOILETS - SOUTH WALL
1/4" = 1'-0"



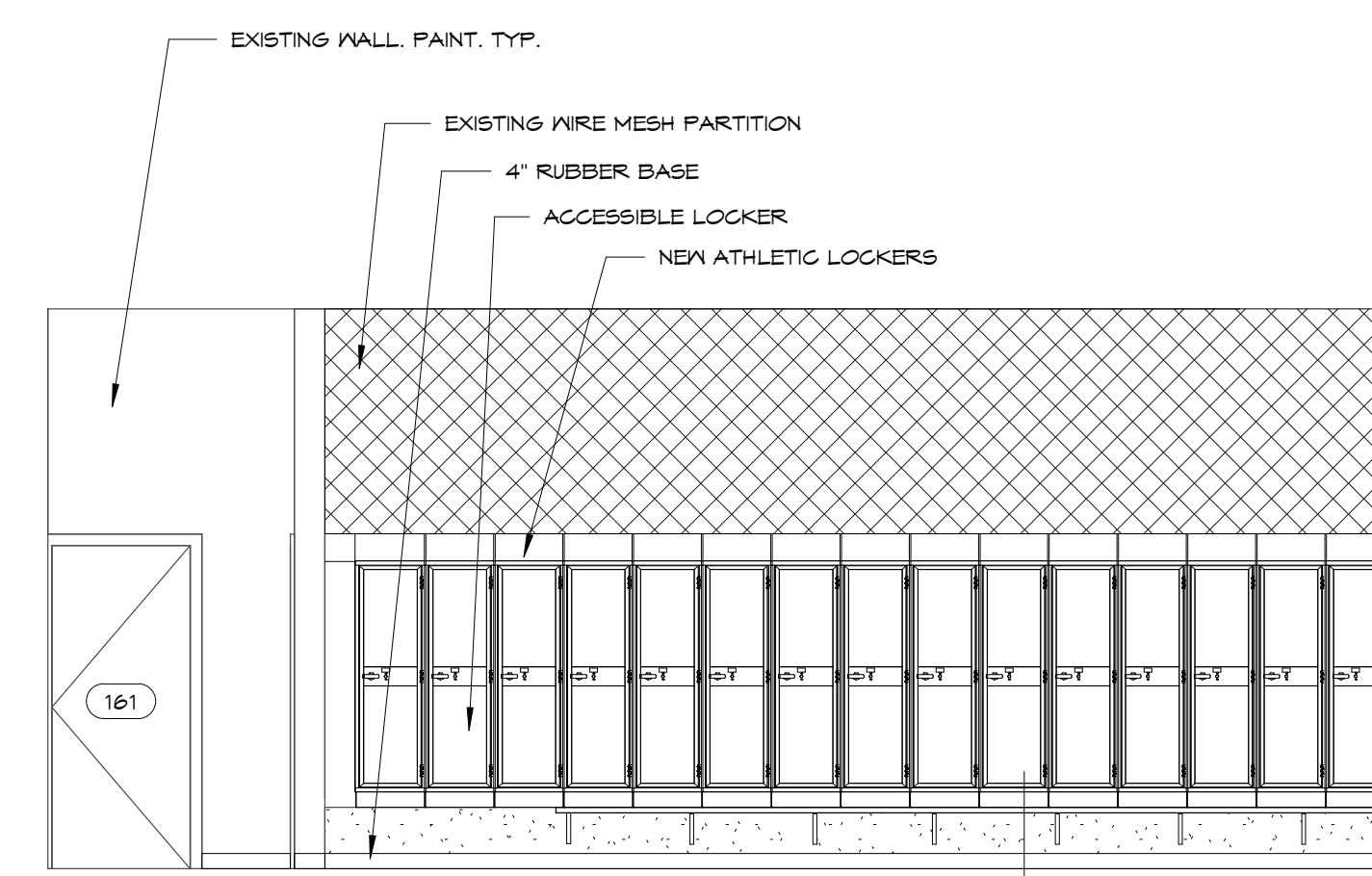
6
A20B 161 LOCKERS - EAST WALL
1/4" = 1'-0"



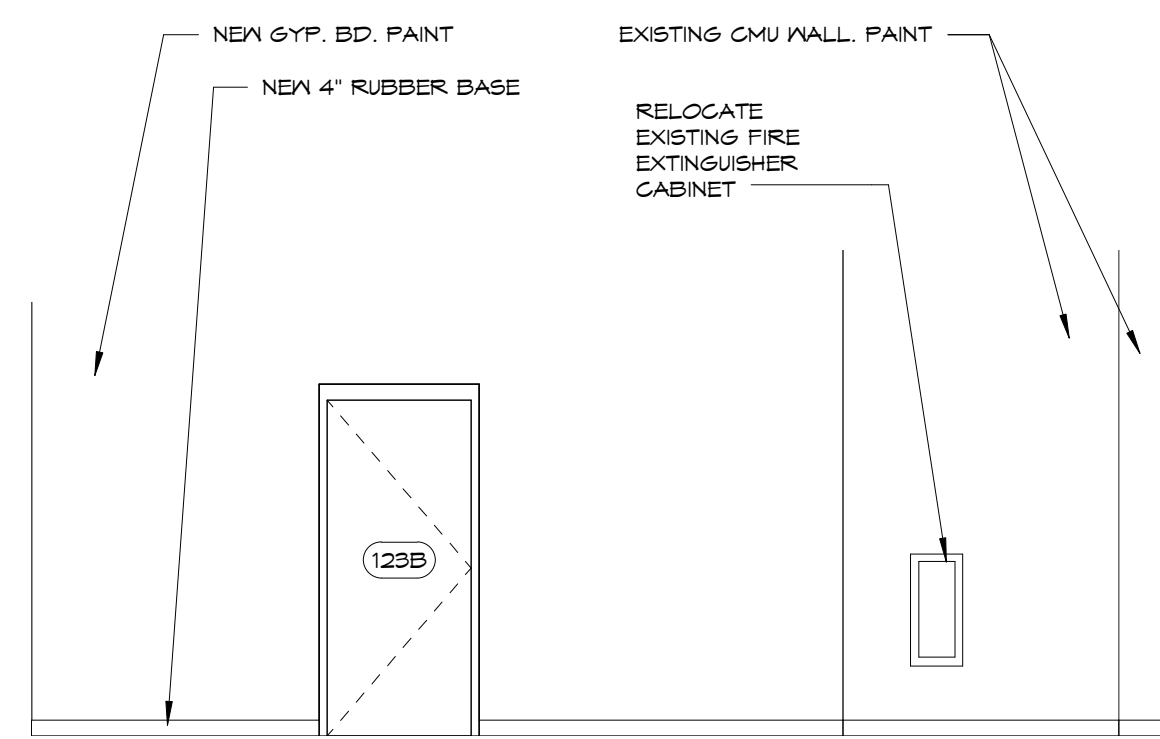
7
A20B 161 LOCKERS - NORTH WALL
1/4" = 1'-0"



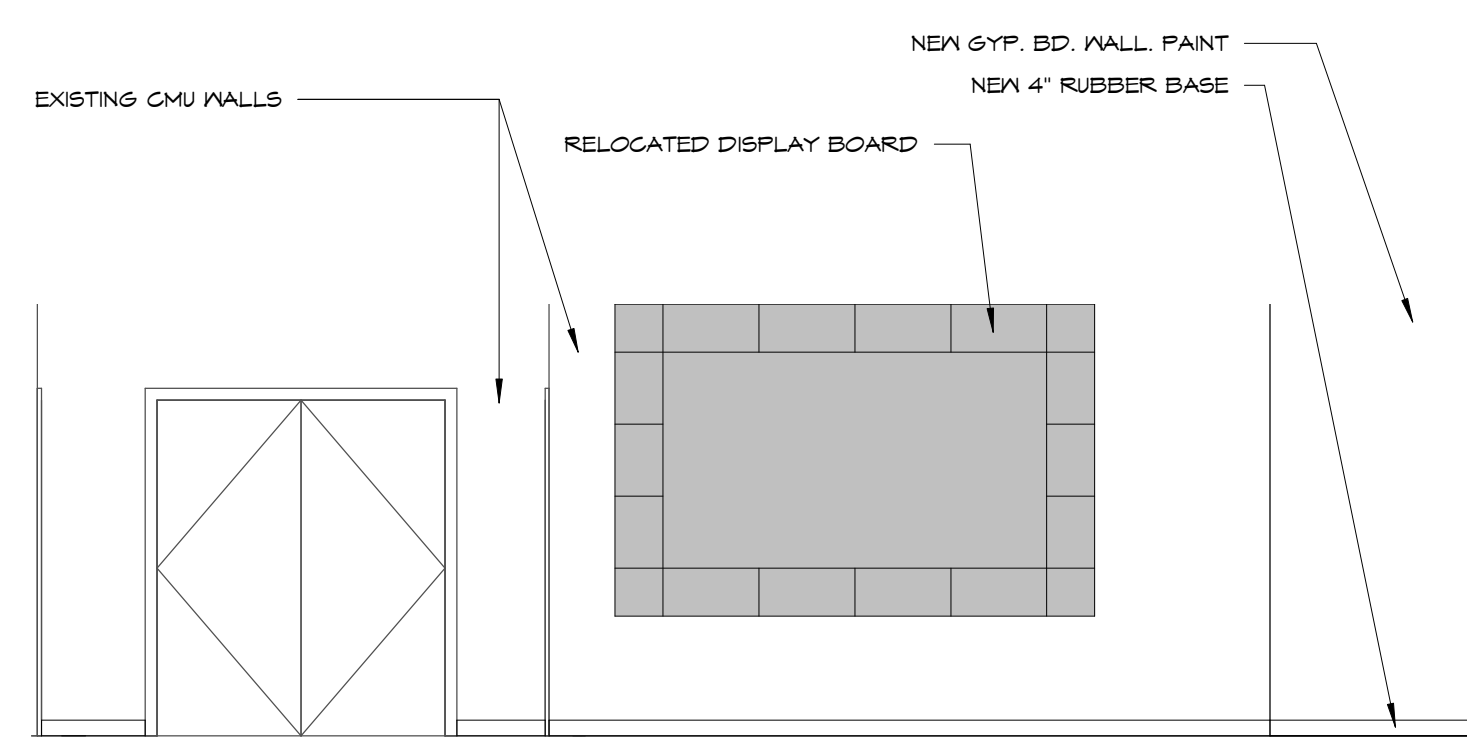
8
A20B 161 LOCKERS - WEST WALL
1/4" = 1'-0"



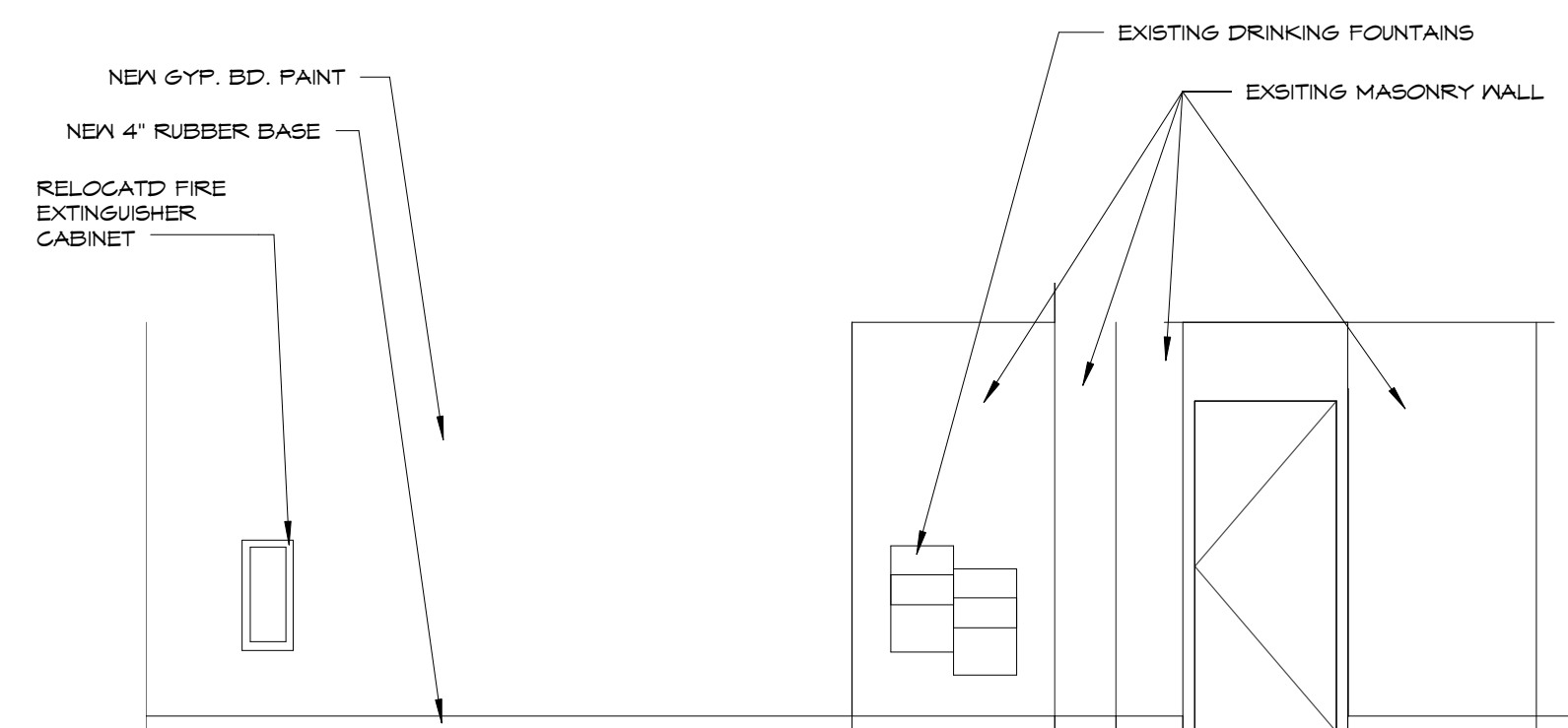
9
A20B 161 LOCKERS - SOUTH WALL
1/4" = 1'-0"



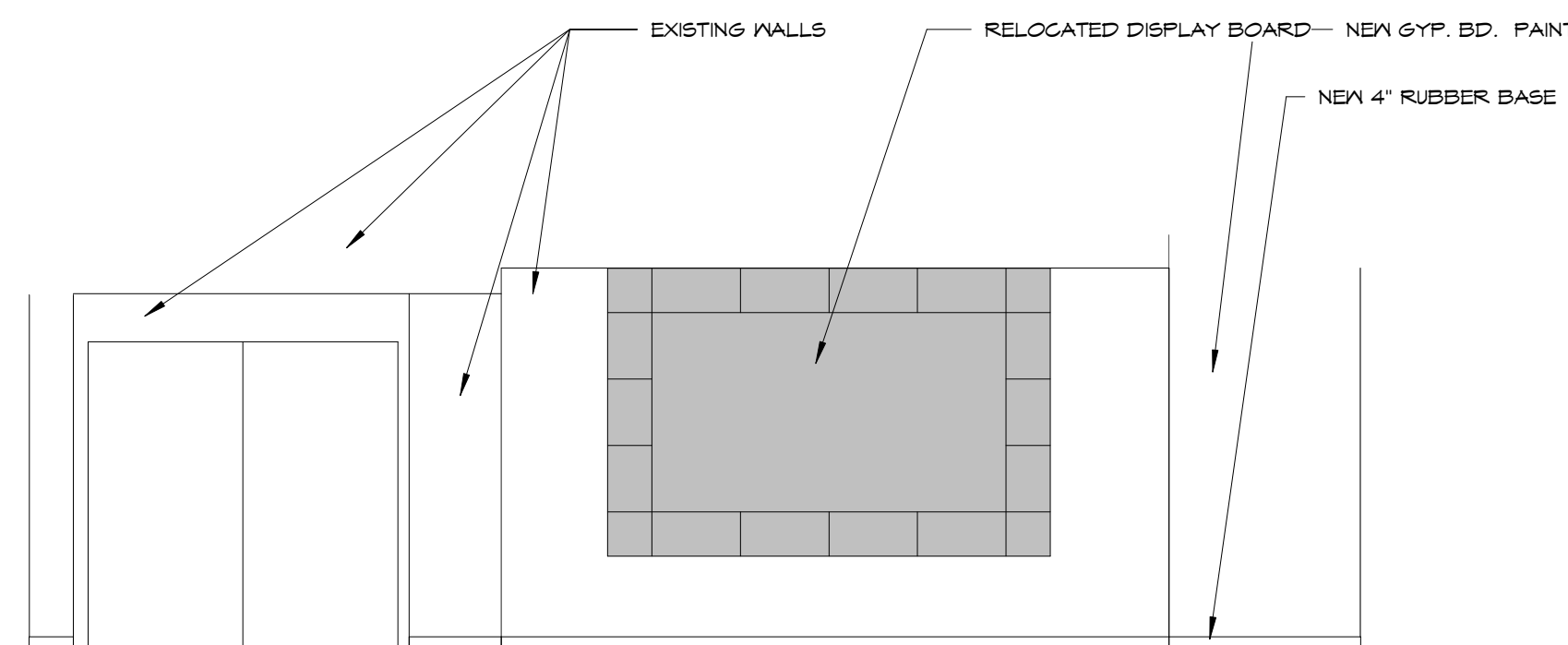
10
A20B 123A STUDENT AREA - EAST WALL
1/4" = 1'-0"



11
A20B 123A STUDENT AREA - NORTH WALL
1/4" = 1'-0"



12
A20B 213 STUDENT AREA - EAST WALL
1/4" = 1'-0"



13
A20B 213 STUDENT AREA - NORTH WALL
1/4" = 1'-0"

A

B

C

D

| REV | DESC | DATE |
|-------------------------------------|------|------|
| PRICING SET NOT FOR CONSTRUCTION | | |

Project Number: **16036**
Date: **Issue Date**

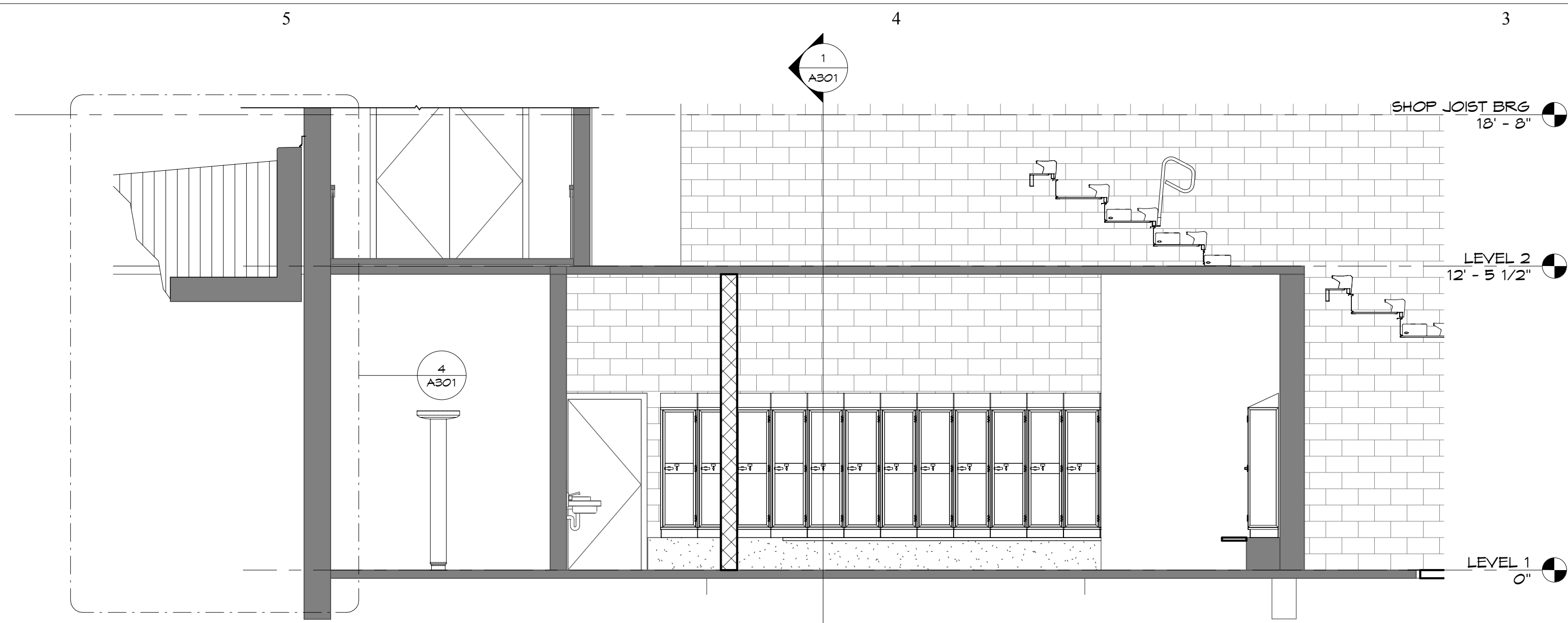
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

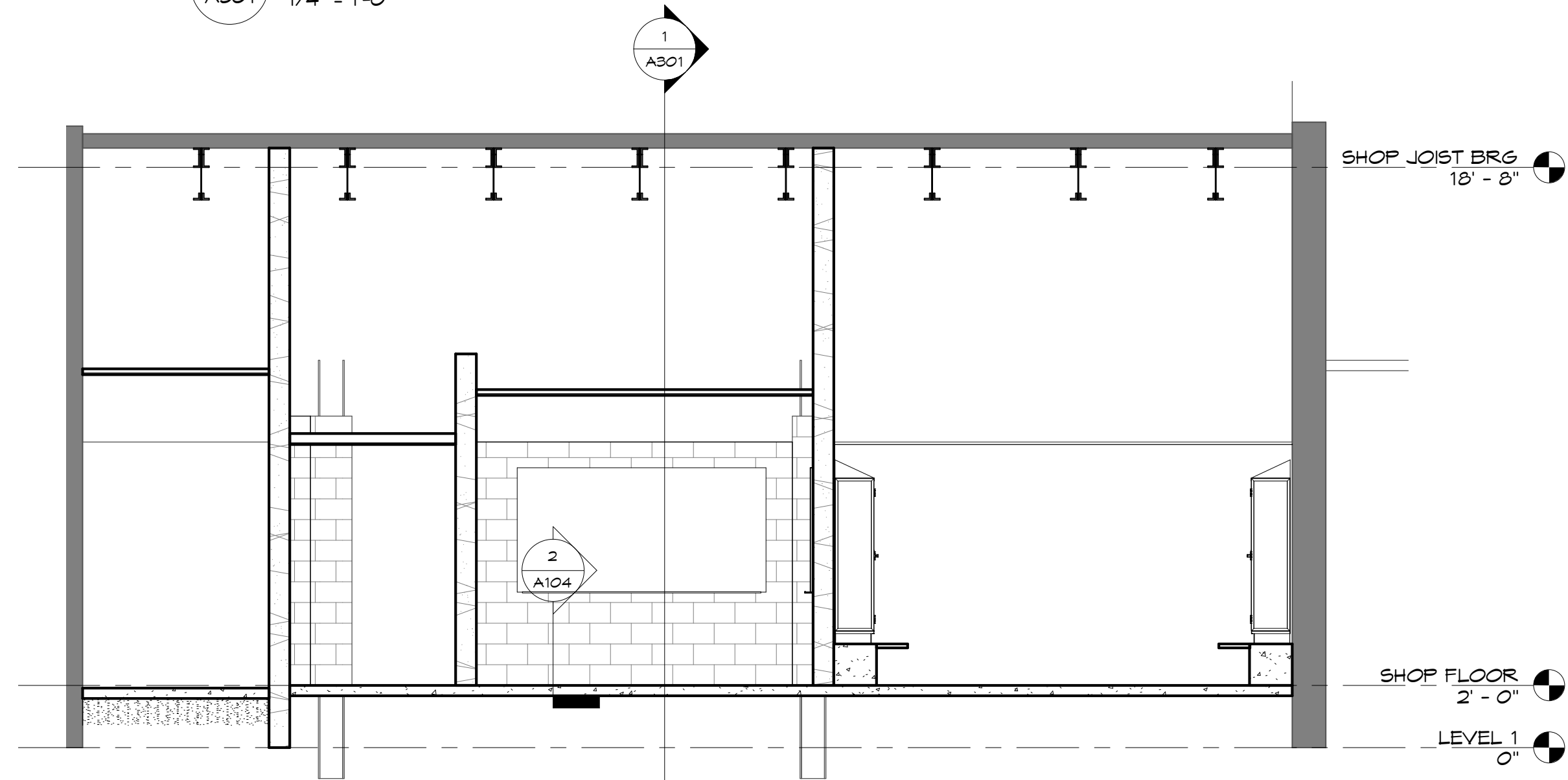
Sheet Title:
INTERIOR ELEVATIONS

Sheet:
A208

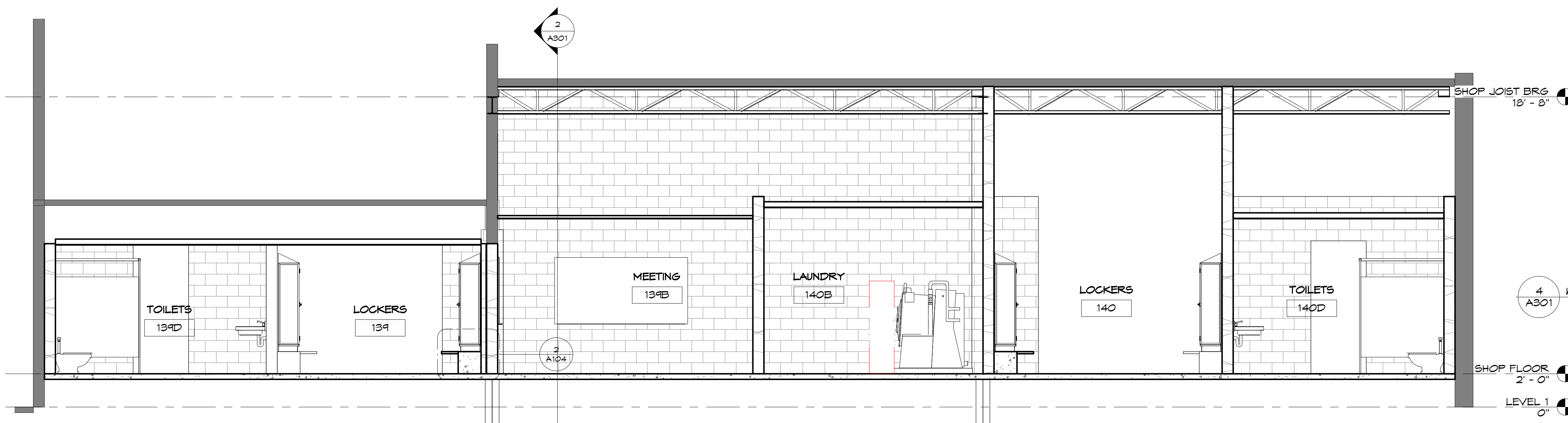
Of:



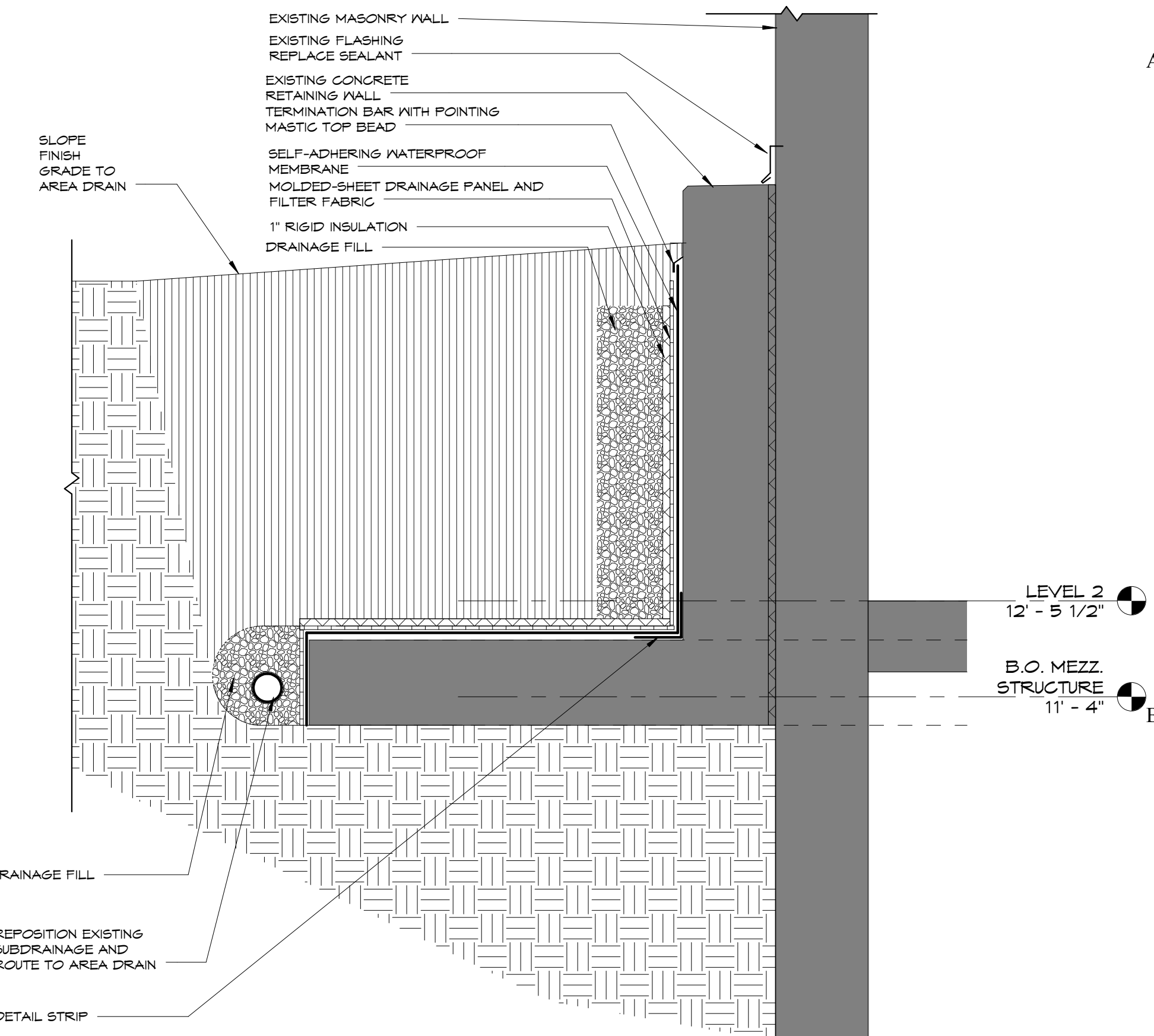
3 CROSS SECTION AT RENOVATED LOCKER ROOMS
A301 1/4" = 1'-0"



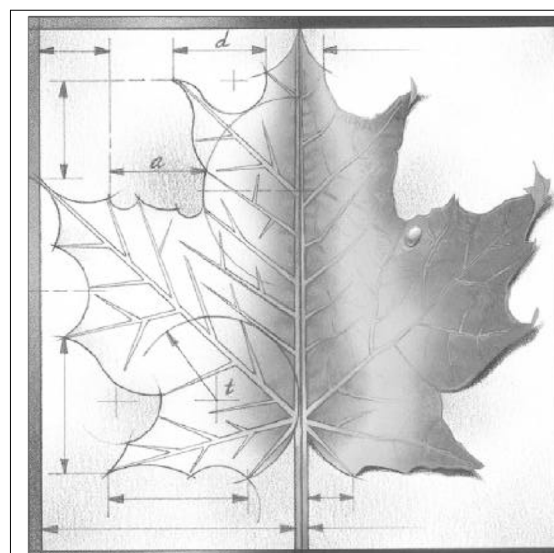
2 CROSS SECTION AT NEW LOCKER ROOMS
A301 1/4" = 1'-0"



1 SECTION AT NEW LOCKER ROOMS
A301 1/4" = 1'-0"



4 WATERPROOFING AT EXISTING WALL
A301 3/4" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET
NOT FOR CONSTRUCTION

Project Number: 16036

Date: Issue Date

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

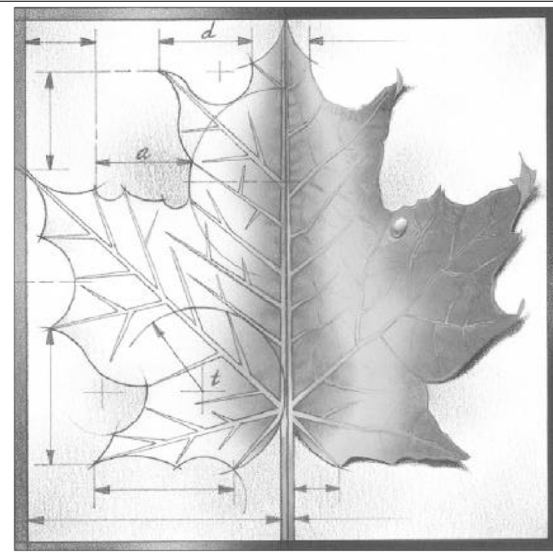
Sheet Title:

BUILDING SECTIONS

Sheet:

A301

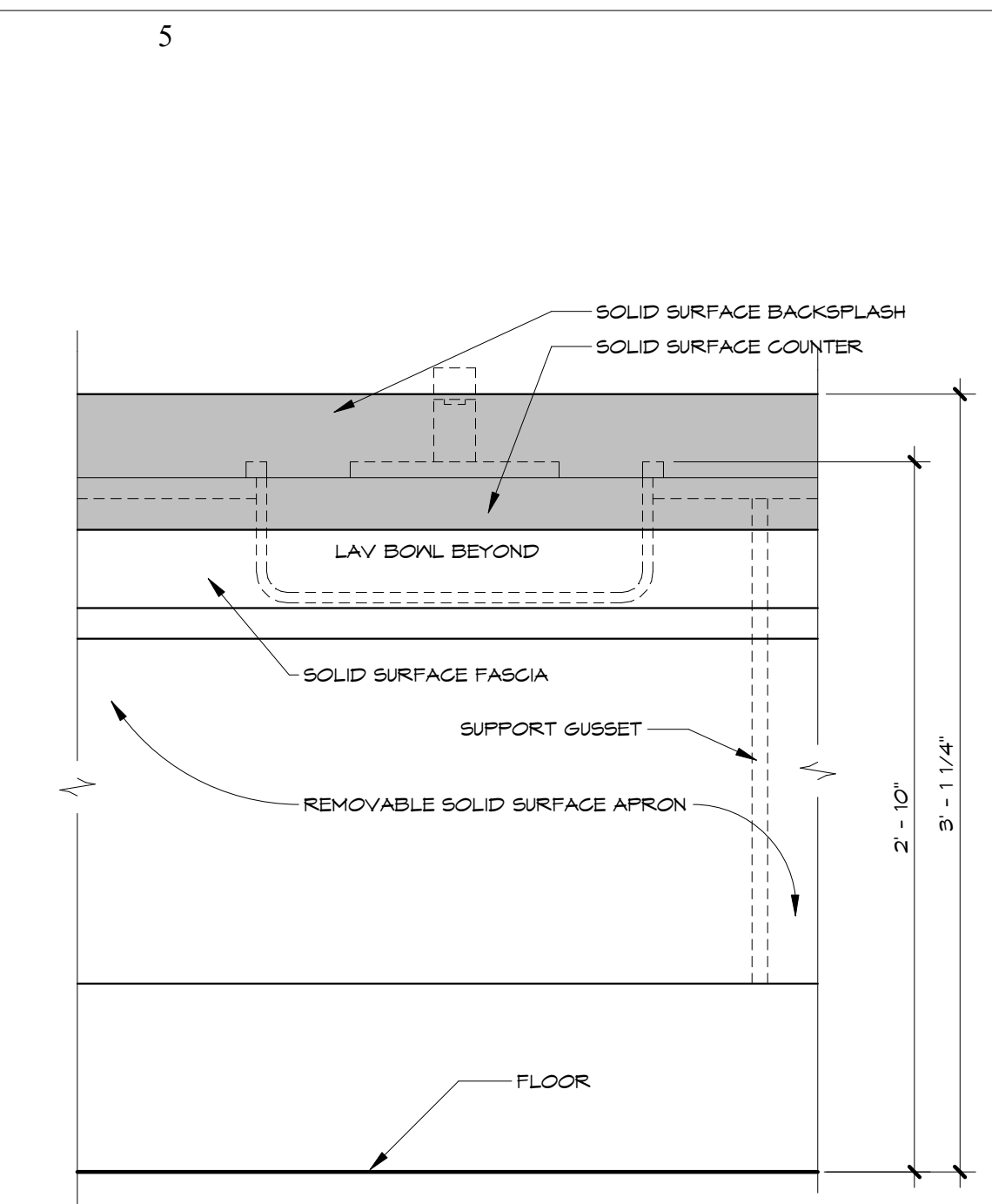
Of:



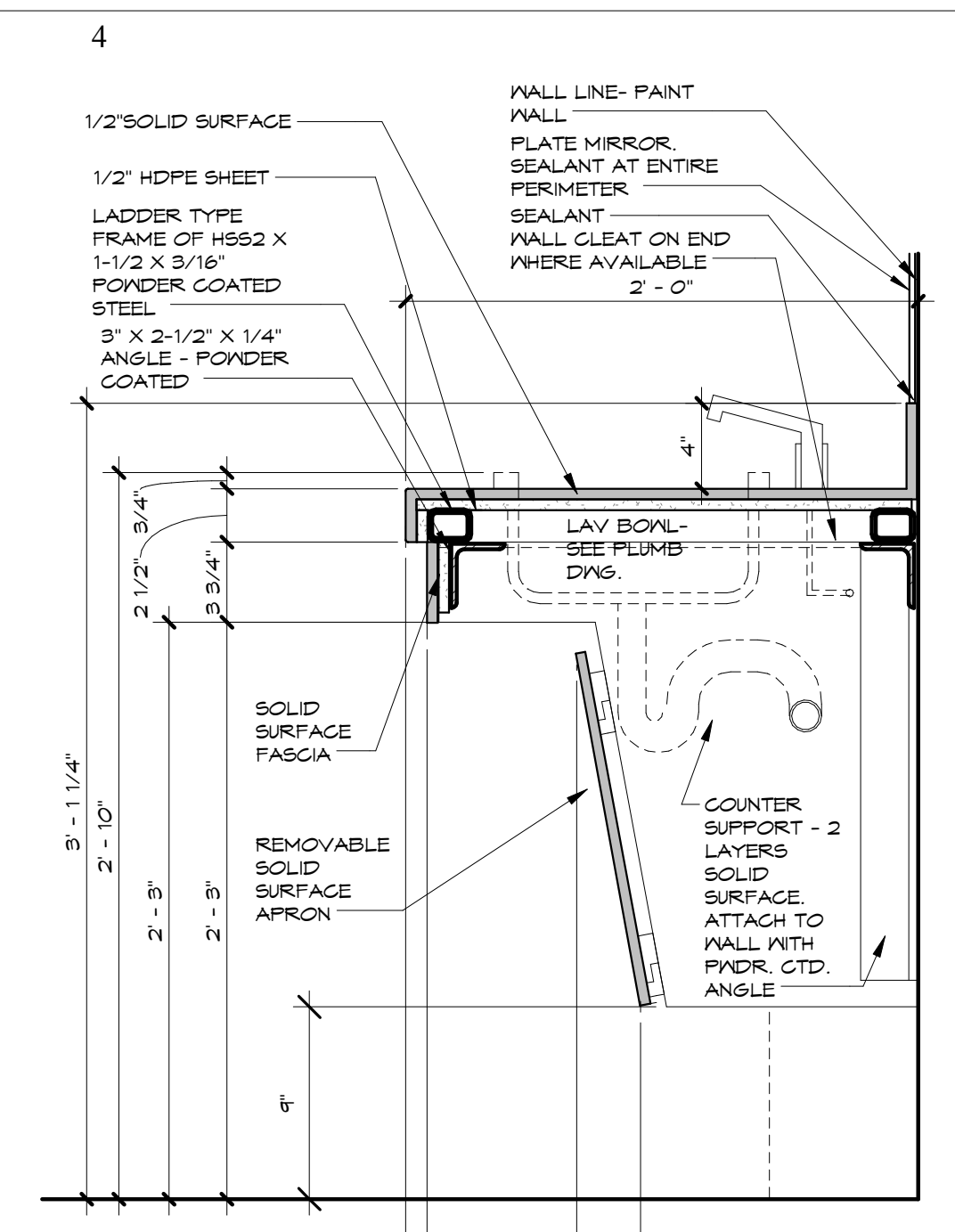
BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

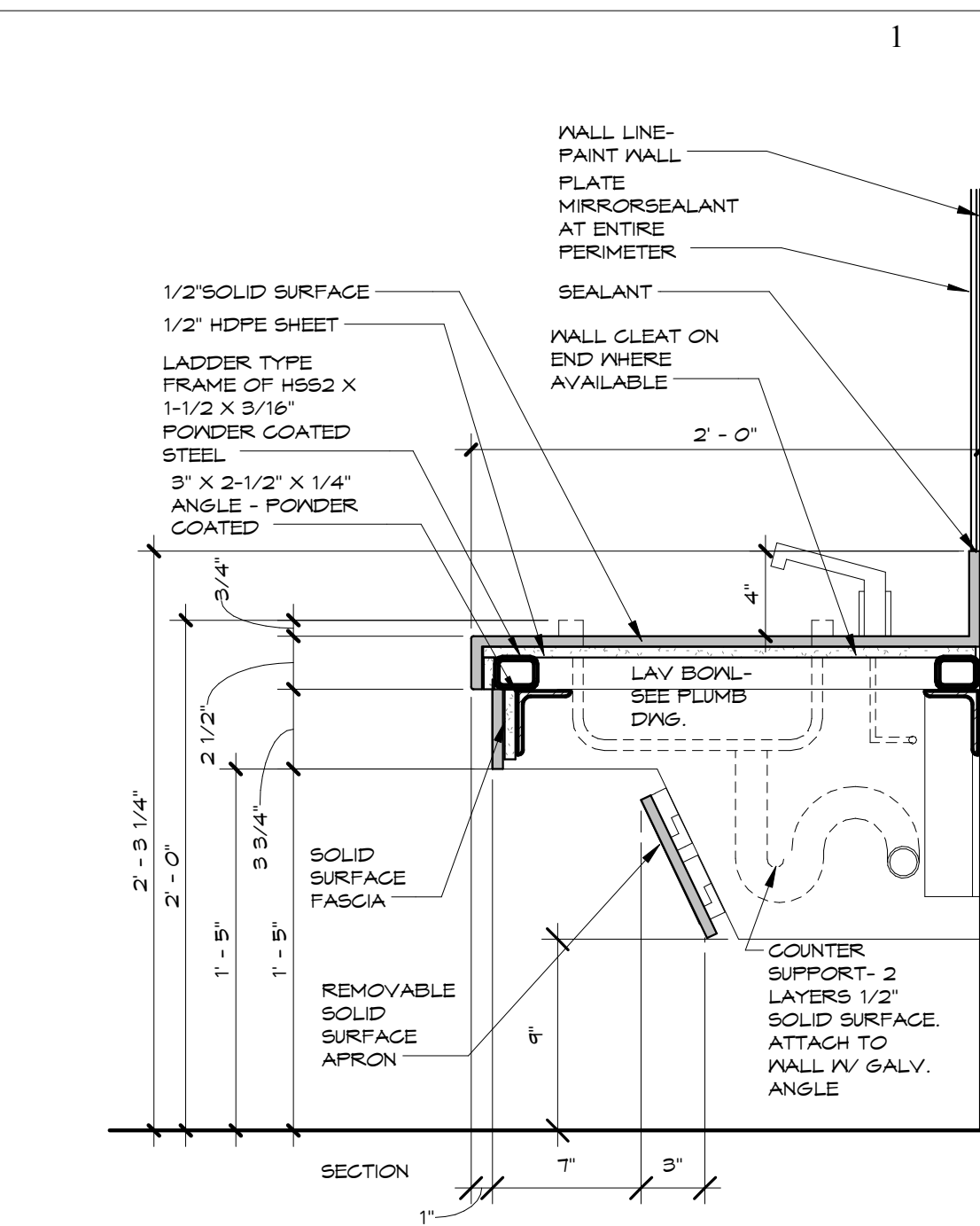
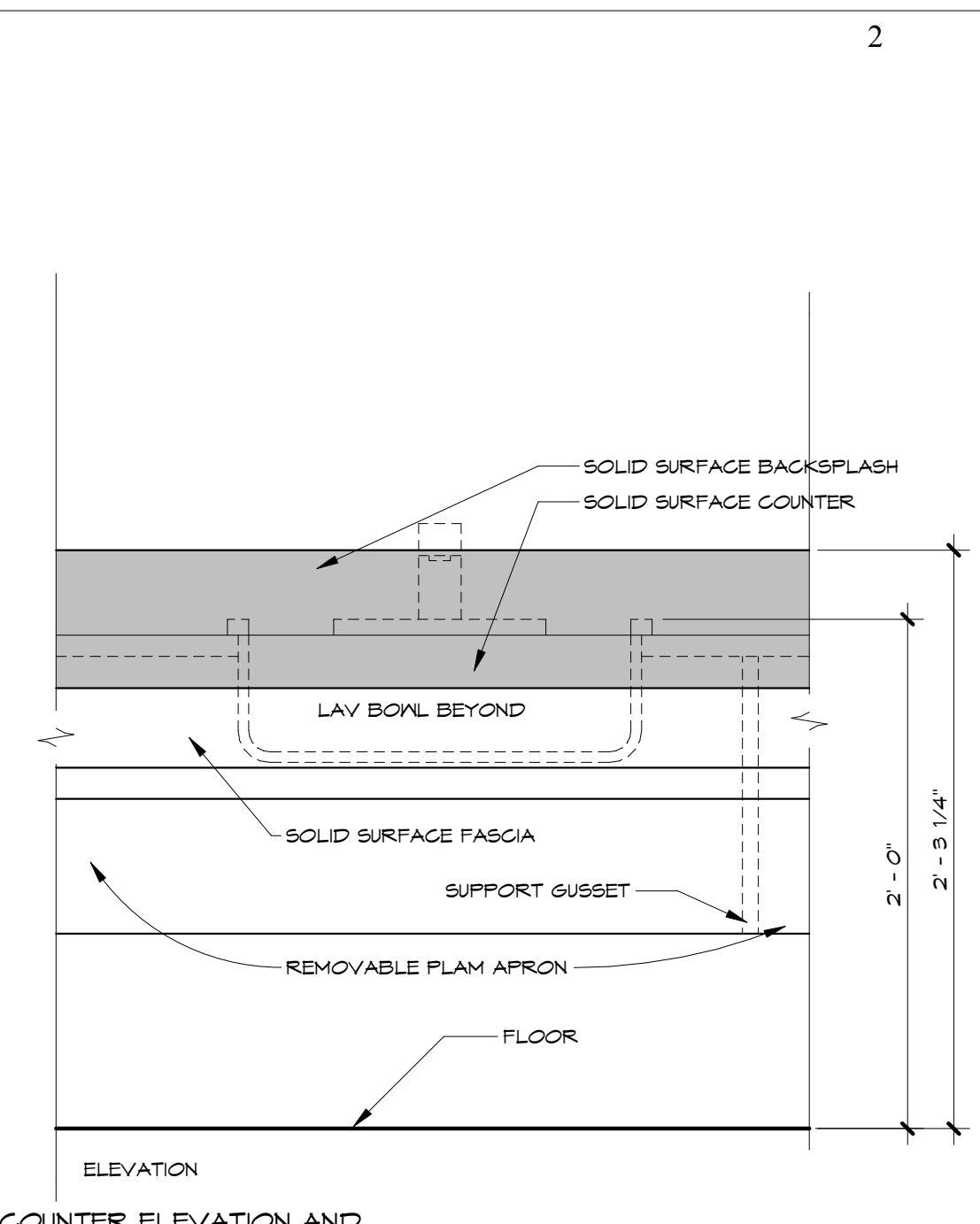
Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.



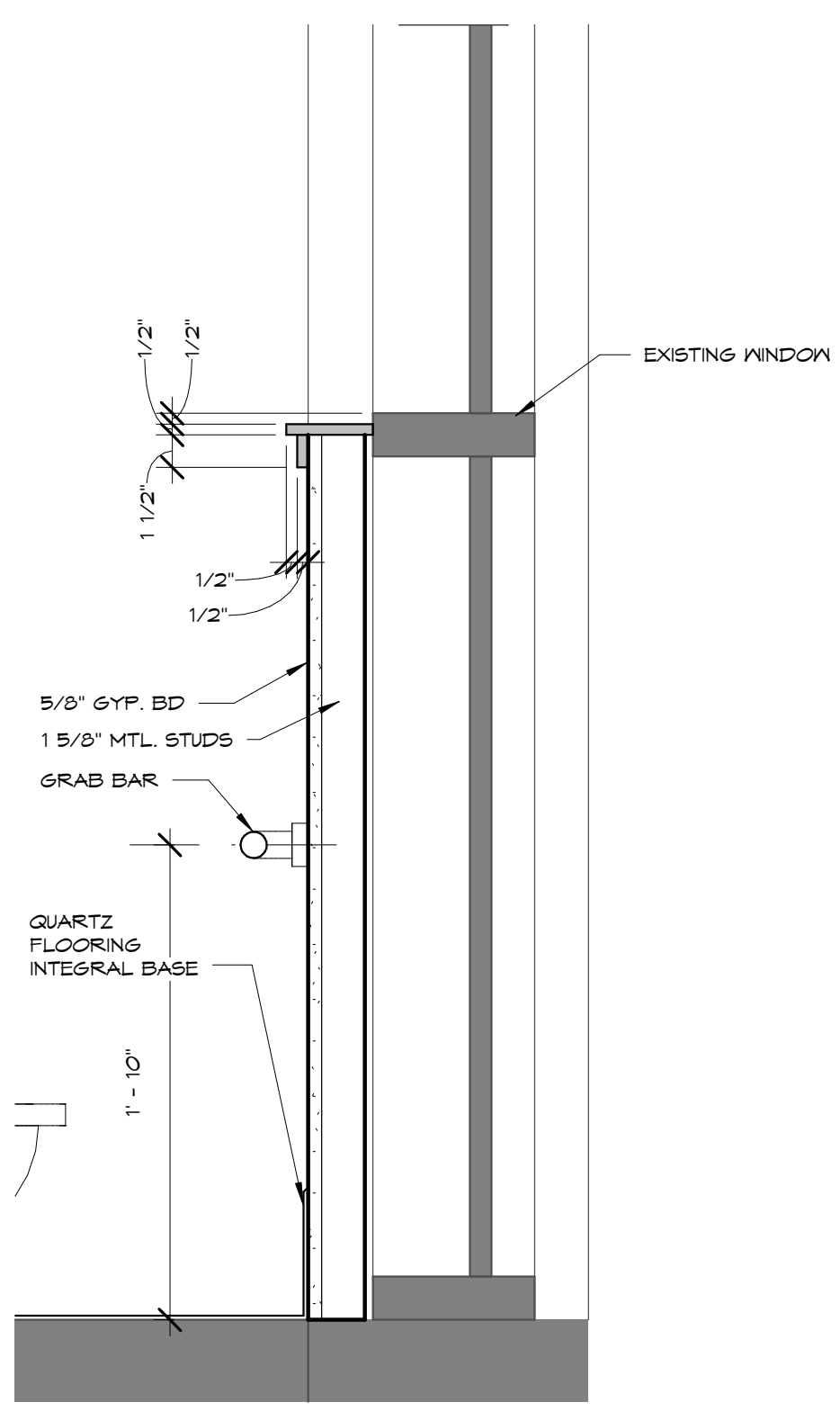
1 LAVATORY COUNTER ELEVATION AND SECTION
A501 1 1/2" = 1'-0"



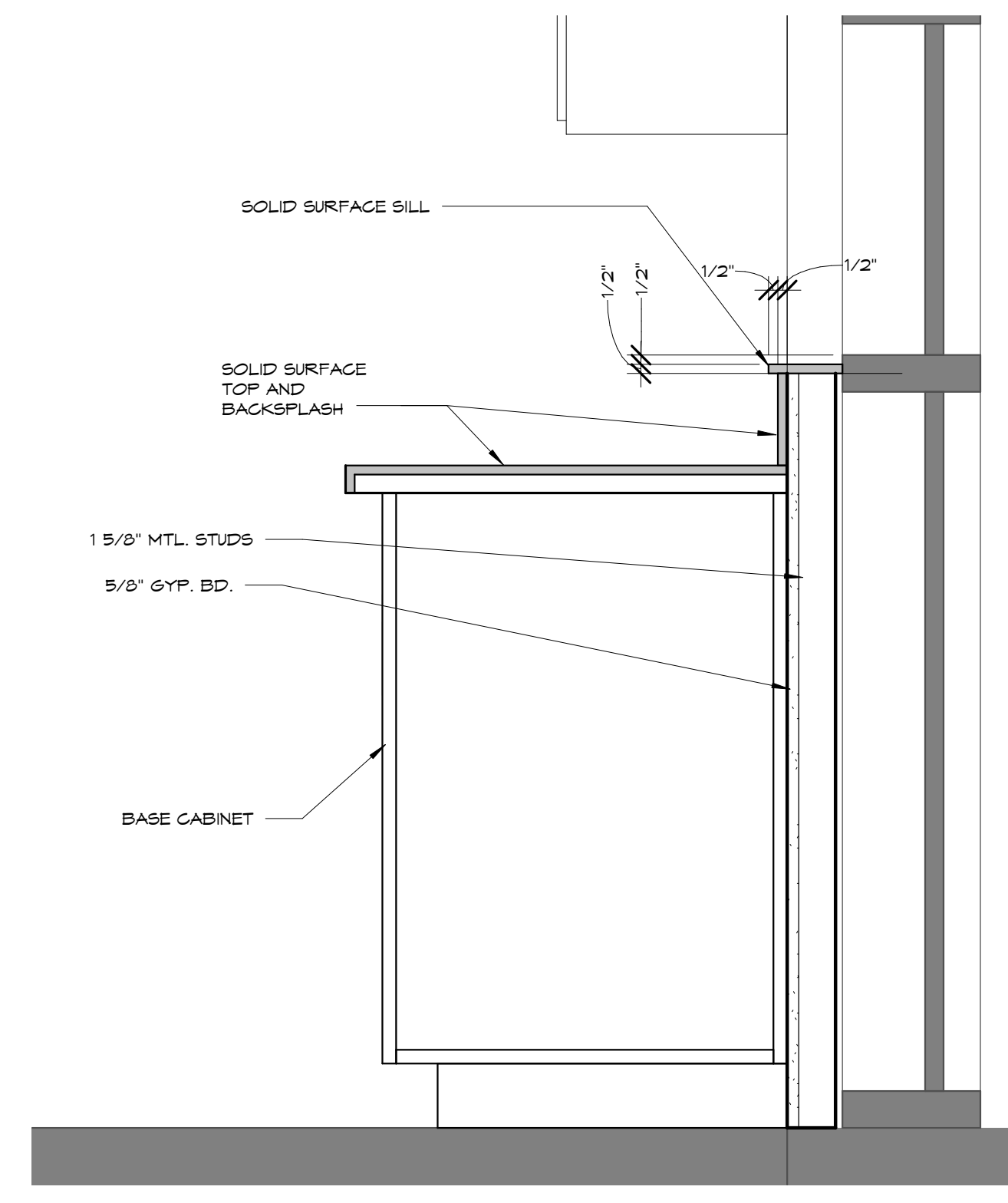
2 LAVATORY COUNTER ELEVATION AND SECTION AT PRE-K
A501 1 1/2" = 1'-0"



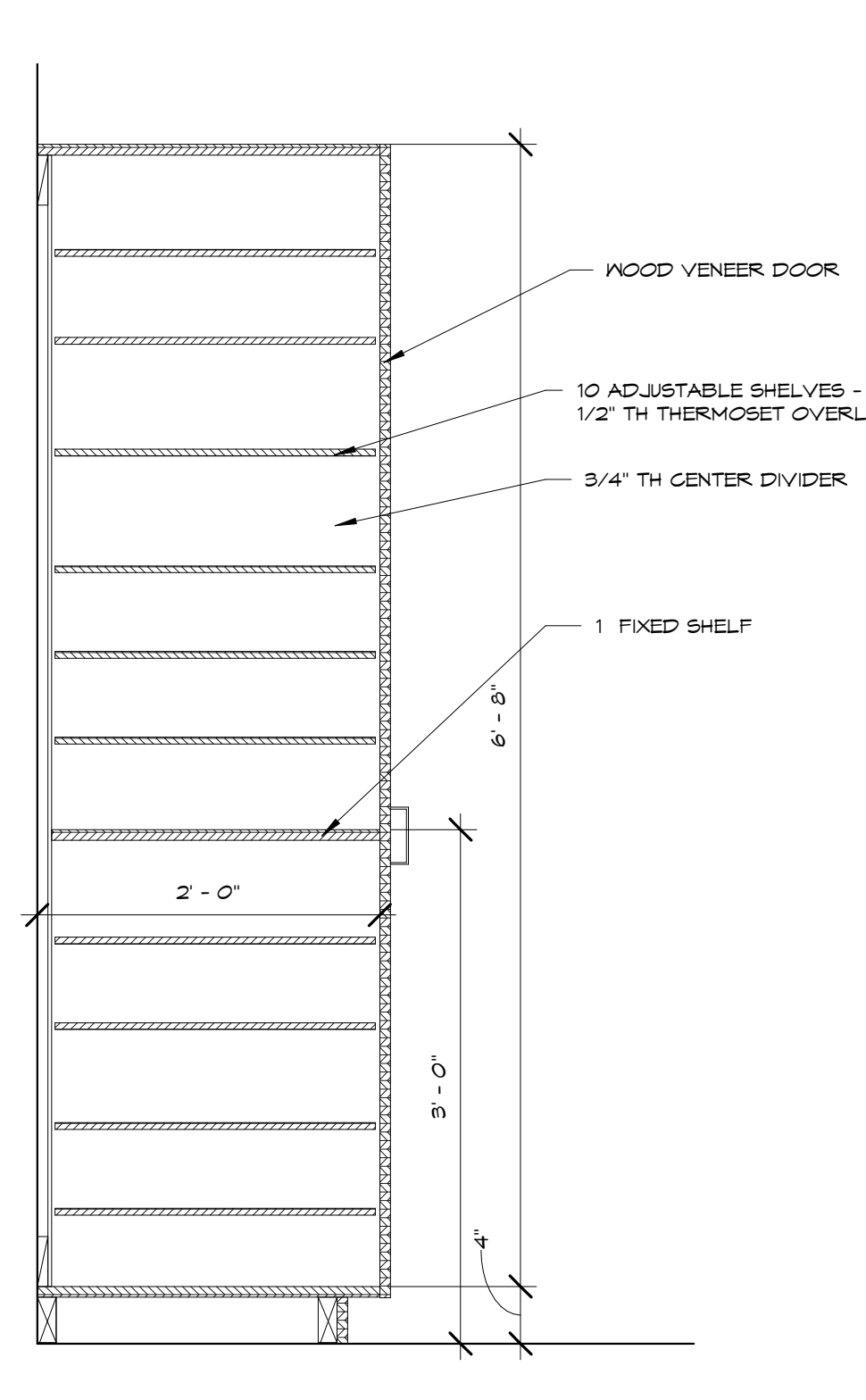
4 LAVATORY COUNTER ELEVATION AND SECTION AT PRE-K
A501 1 1/2" = 1'-0"



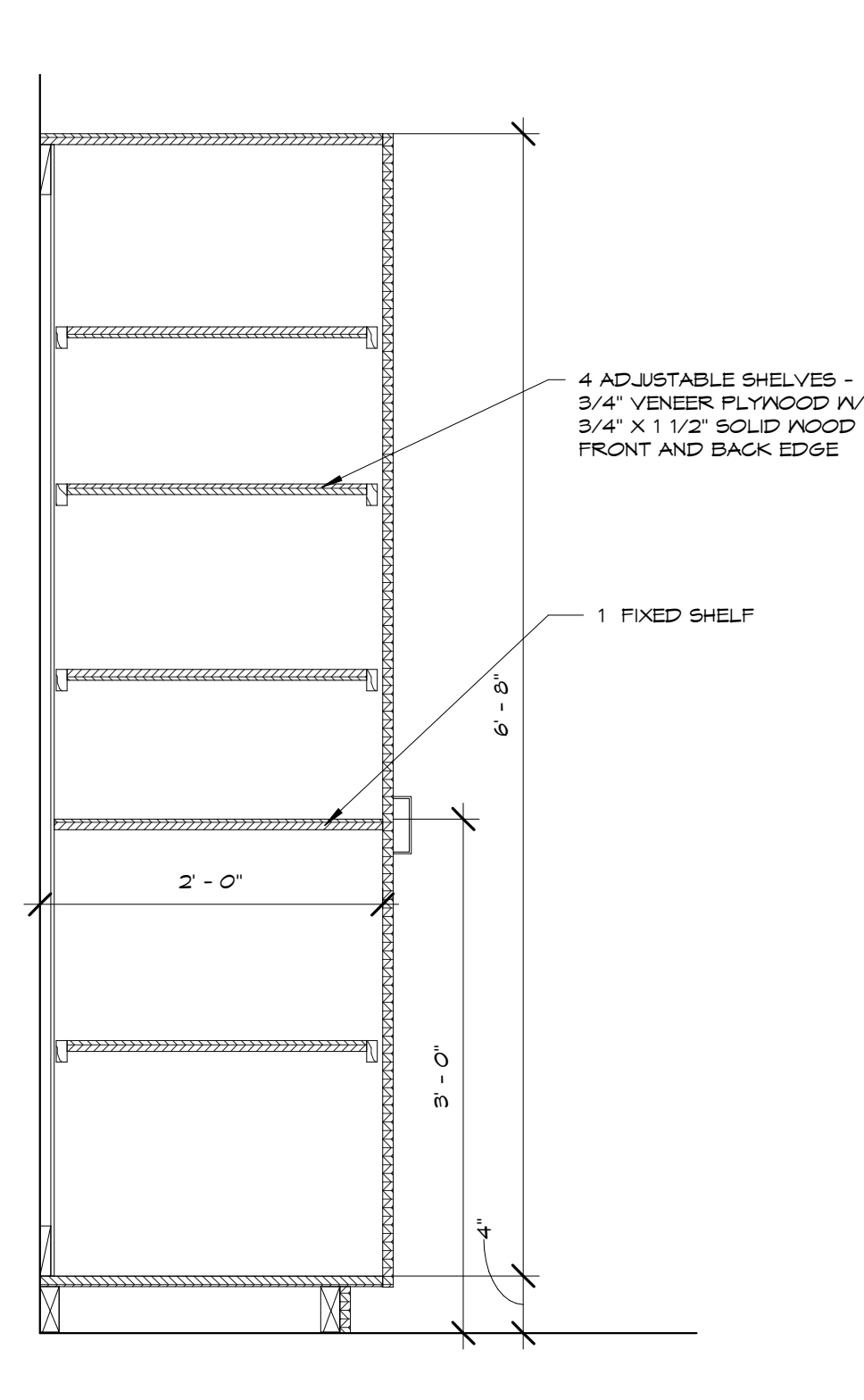
3 WINDOW DETAIL AT RESTROOM
A501 1 1/2" = 1'-0"



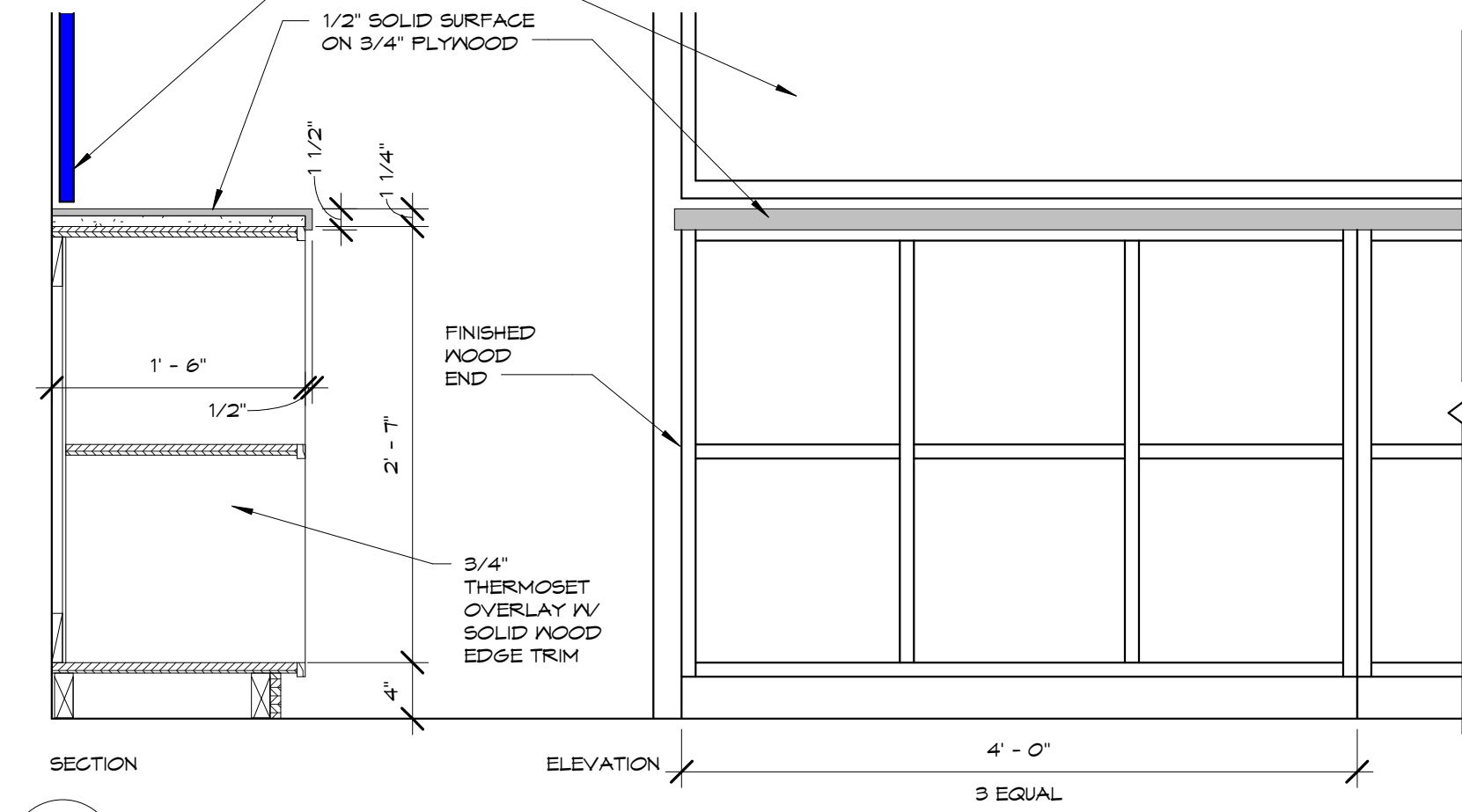
4 FACS KITCHEN COUNTER AT WINDOW
A501 1 1/2" = 1'-0"



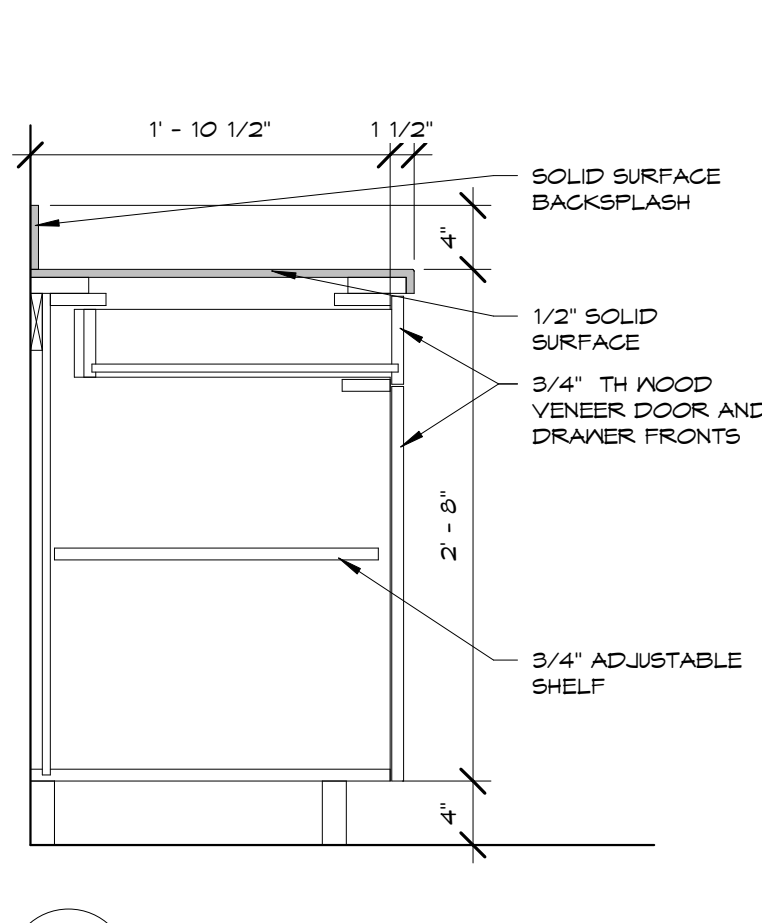
5 SECTION AT 12 SHELF TALL CABINET
A501 1" = 1'-0"



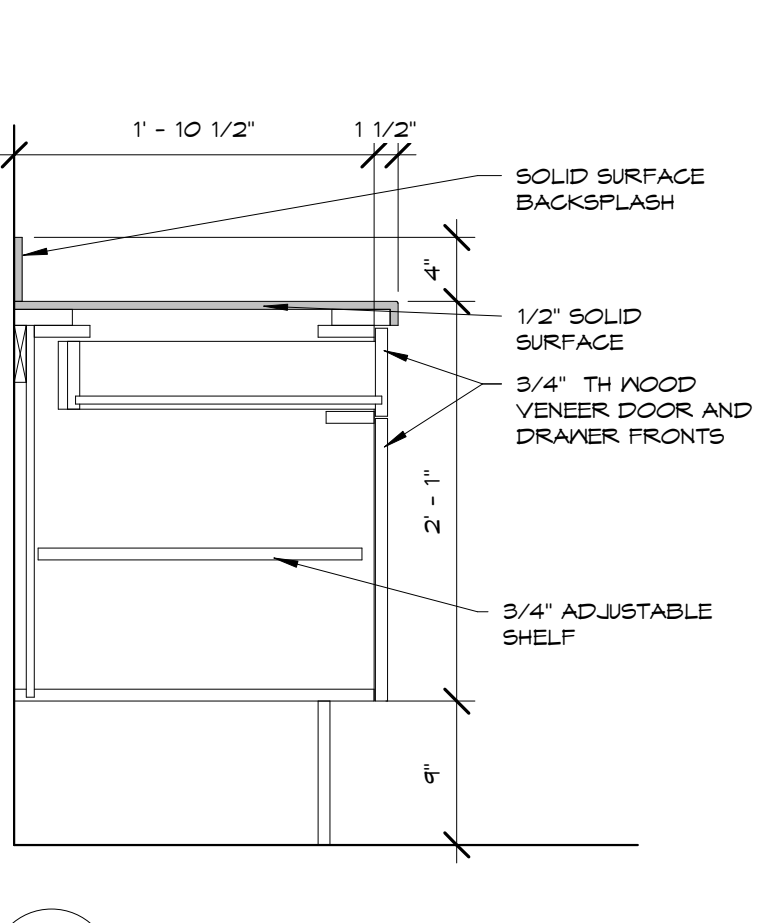
6 SECTION AT 6 SHELF TALL CABINET
A501 1" = 1'-0"



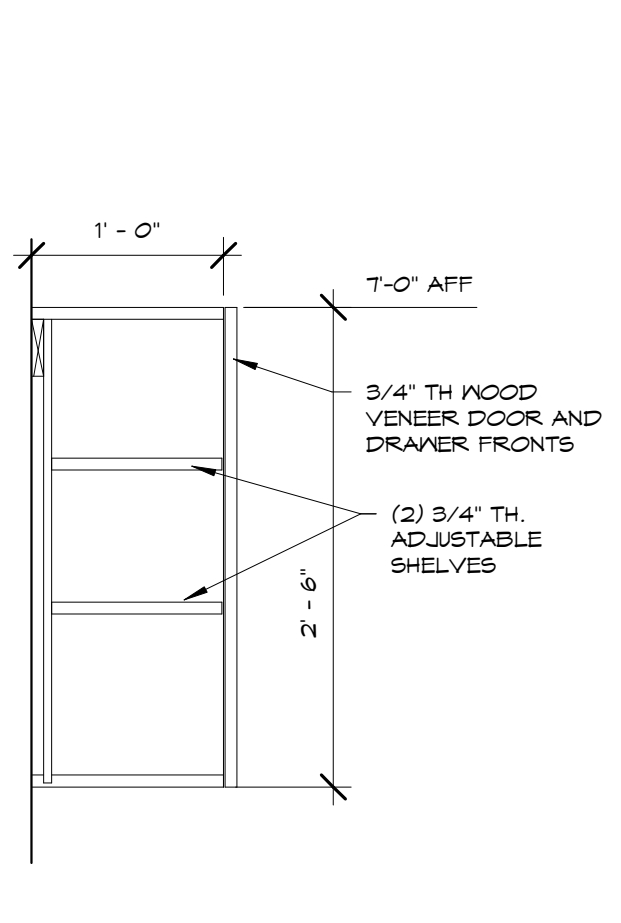
7 PRESCHOOL CUBBIES
A501 1" = 1'-0"



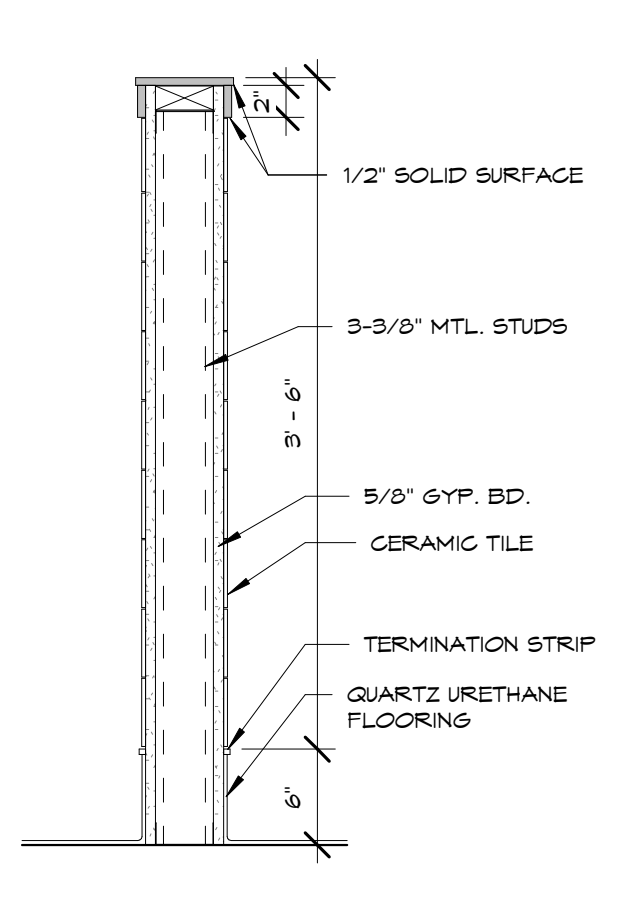
8 TYPICAL BASE CABINET
A501 1" = 1'-0"



9 ACCESSIBLE BASE CABINET
A501 1" = 1'-0"



10 TYPICAL WALL CABINET
A501 1" = 1'-0"



11 DETAIL AT HALF WALL
A501 1" = 1'-0"

PRICING SET
NOT FOR CONSTRUCTION

Project Number: 16036
Date: Issue Date
Project Name: USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS
Project Address: 801 LICNOLN AVENUE WAMEGO, KS 66547

Sheet Title: DETAILS
Sheet: A501
Of:

| ROOM FINISH SCHEDULE | | | | | | | | | | | | | | |
|----------------------|-----------------|--------------|-------------|----------|--------|----------|--------|----------|--------|----------|--------|---------|----------|----------|
| Number | Name | Floor Finish | Base Finish | North | | East | | South | | West | | Ceiling | | Comments |
| | | | | Material | Finish | Material | Finish | Material | Finish | Material | Finish | Finish | Height | |
| 110 | WOMEN | Q.F. | Q.F. | EF | PT | EF | PT | EF | PT | EF | PT | APC-2 | | 1 |
| 111 | MEN | Q.F. | Q.F. | EF | PT | EF | PT | EF | PT | EF | PT | APC-2 | | 1 |
| 112 | CLASSROOM | VCT | R | CMU | PT | EF | PT | EF | PT | EF | PT | E | | |
| 113 | CORRIDOR | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| 115 | PRESCHOOL | VCT | R | GWB | PT | GWB | PT | CMU | PT | EF | PT | APC-2 | 9' - 4" | |
| 116 | RESTROOM | Q.F. | Q.F. | GWB | EPX | EF | EPX | GWB | EPX | GWB | EPX | APC-2 | 9' - 4" | |
| 117 | KITCHEN | Q.U.F. | Q.U.F. | GWB | PT | EF/GWB | PT | GWB | PT | GWB | PT | APC-1 | 8' - 0" | |
| 118 | FACS | Q.U.F. | Q.U.F. | EF/GWB | EPX | EF/GWB | EPX | GWB | EPX | EF | EPX | APC-1 | | |
| 119 | EQUIP. | Q.U.F. | Q.U.F. | EF | EPX | EF | EPX | EF/GWB | EPX | EF | EPX | APC-1 | 9' - 4" | |
| 123A | STUDENT AREA | EF | EF | EF | PT | GWB | PT | EF | --- | EF | --- | EF/GWB | | |
| 123B | UTILITY | EF | --- | EF | --- | EF | --- | GWB | PT | GWB | PT | EXP | | |
| 138 | HALL | VCT | R | EF | PT | EF | PT | EF | PT | CMU | PT | APC-2 | | |
| 138A | ALCOVE | VCT | R | CMU | PT | CMU | PT | CMU | PT | CMU | PT | GWB | 10' - 0" | |
| 139 | LOCKERS | EXP | R | CMU | PT | CMU | PT | CMU | PT | EF | PT | EXP/GWB | | |
| 139A | VEST. | EXP | R | CMU | PT | CMU | PT | CMU | PT | CMU | PT | GWB | 7' - 9" | |
| 139B | MEETING | VCT | R | CMU | PT | CMU | PT | CMU | PT | CMU | PT | APC-2 | 9' - 4" | |
| 139C | STORAGE | VCT | R | CMU | PT | CMU | PT | CMU | PT | CMU | PT | GWB | 7' - 9" | |
| 139D | TOILETS | TAF | TAF | CMU | EPX | CMU/EF | EPX | CMU | EPX | CMU | EPX | GWB | 7' - 9" | |
| 139E | SHOWERS | TAF | TAF | CMU | EPX | CMU | EPX | CMU | EPX | EF/CMU | EPX | GWB | 7' - 9" | |
| 140 | LOCKERS | EXP | R | CMU | PT | CMU | PT | CMU | PT | EF/CMU | PT | EXP | | |
| 140A | VEST. | EXP | R | CMU | EPX | CMU | EPX | CMU | EPX | CMU | EPX | GWB | 10' - 0" | |
| 140B | LAUNDRY | TAF | TAF | CMU | EPX | CMU | EPX | CMU | EPX | CMU | EPX | GWB | 10' - 0" | |
| 140C | STORAGE | VCT | R | CMU | PT | CMU | PT | CMU | PT | CMU | PT | GWB | 10' - 0" | |
| 140D | TOILETS | TAF | TAF | CMU | EXP | CMU | EXP | CMU | EXP | CMU | EXP | GWB | 10' - 0" | |
| 140E | SHOWERS | TAF | TAF | CMU | EXP | CMU | EXP | CMU | EXP | EF/CMU | EXP | GWB | 10' - 0" | |
| 142 | STORAGE | QF | QF | EF | PT | CMU | PT | EF | PT | EF | PT | APC-1 | 9' - 4" | |
| 143 | TRAINING | QF | QF | EF | PT | EF | EPX | EF | PT | CMU | PT | APC-1 | 9' - 4" | |
| 144 | LOCKERS | QF | QF | EF | EPX | EF | EPX | EF/CMU | EPX | EF/CMU | EPX | EF | | |
| 145 | TOILETS | QF | QF | EF | EPX | EF | EPX | EF | EPX | EF | EPX | EF | | |
| 146 | SHOWER | EF | EF | EF | EPX | EF | EPX | EF | EPX | EF | EPX | EF | | |
| 149 | OFFICE | SC | R | EF/CMU | EPX | EF | EPX | EX | EPX | EX | EPX | APC-2 | 9' - 0" | |
| 150 | LOCKERS | SC | R | EF | EPX | EF | EPX | EX | EPX | EX | EPX | EF | | |
| 151 | SHOWER | EF | EF | EF | EPX | EF | EPX | EX | EPX | EX | EPX | EF | | |
| 152 | TOILETS | QF | QF | EF | EPX | EF | EPX | EX | EPX | EX | EPX | EF | | |
| 154 | EQUIPMENT | SC | R | EF | EPX | EF | EPX | EX | EPX | EX | EPX | EF | | |
| 155 | LOCKERS | SC | R | EF | EPX | EF | EPX | EX | EPX | EX | EPX | EF | | |
| 156 | TOILETS | QF | QF | EF | EPX | EF | EPX | EX | EPX | EX | EPX | EF | | |
| 157 | SHOWER | EF | WF | EF | EPX | EF | EPX | EX | EPX | EX | EPX | EF | | |
| 160 | OFFICE | SC | R | EF | EPX | EF | EPX | EF/CMU | EPX | EX | EPX | APC-2 | 9' - 0" | |
| 161 | LOCKERS | SC | R | EF/CMU | EPX | EF | EPX | EF | EPX | EX | EPX | EF | | |
| 161A | STORAGE | SC | R | EF | EPX | EF | EPX | EF | EPX | EX | EPX | EF | | |
| 162 | SHOWER | EF | EF | EF | EPX | EF | EPX | EF | EPX | EX | EPX | EF | | |
| 163 | TOILETS | QF | QF | EF | EPX | EF | EPX | EF | EPX | EX | EPX | EF | | |
| 164 | STORAGE | SC | R | EF | EPX | EF | EPX | EF | EPX | EX | EPX | EF | | |
| 175A | ALCOVE | SC | R | EF | EPX | EF | EPX | EF | EPX | EX | EPX | EF | | |
| 204 | JAN. | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| 205 | WOMEN | QF | QF | EF | PT | EF | PT | EF | PT | EF | PT | APC-2 | | 1 |
| 206 | MEN | QF | QF | EF | PT | EF | PT | EF | PT | EF | PT | APC-2 | | 1 |
| 209 | CORRIDOR | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| 212 | CLASSROOM | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 2 |
| 213 | STUDENT AREA | EF | EF | EF | PT | EF/GWB | PT | EF | --- | EF | --- | EF/GWB | | |
| 237 | UPPER GYMNASIUM | | | | | | | | | | | | | |

| | | | | | |
|---|---|---|--|---|---|
| FLOOR FINISH EF - EXISTING FINISH EXP - EXPOSED SEALED CONCRETE TAF - TROWELLED AGGREGATE FLOORING QF - QUARTZ FLOORING QUF - QUARTZ URETHANE FLOORING VCT - VINYL COMPOSITION TILE SC - SEAL EXISTING CONCRETE | BASE MATERIAL EF - EXISTING FINISH R - 4" RUBBER COVE BASE TAF - TROWELLED AGGREGATE FLOORING - INTEGRATED BASE 6" QF - QUARTZ FLOORING - INTEGRATED BASE 6" QUF - QUARTZ URETHANE FLOORING - INTEGRATED BASE 6" VCT - VINYL COMPOSITION TILE SC - SEAL EXISTING CONCRETE | WALL MATERIAL EF - EXISTING MATERIAL GWB - GYPSUM WALL BOARD CMU - CONCRETE MASONRY UNITS | WALL FINISH EF - EXISTING FINISH PT - PAINT EPT - EPOXY PAINT FRP - FIBERGLASS REINFORCED PLASTIC WALL PANELS | CEILING EF - EXISTING FINISH GWB - PAINTED GYPSUM WALL BOARD EPX - EPOXY PAINT APC1- ACOUSTICAL PANEL CEILING - TYPE 1 APC2- ACOUSTICAL PANEL CEILING - TYPE 2 EXP - EXPOSED STRUCTURE | COMMENTS: 1. PROVIDE NEW PANELS IN EXISTING SUSPENSION SYSTEM 2. PATCH AND PAINT WALL AT RELOCATED GRILL. PAINT ENTIRE WALL CORNER TO CORNER |
|---|---|---|--|---|---|

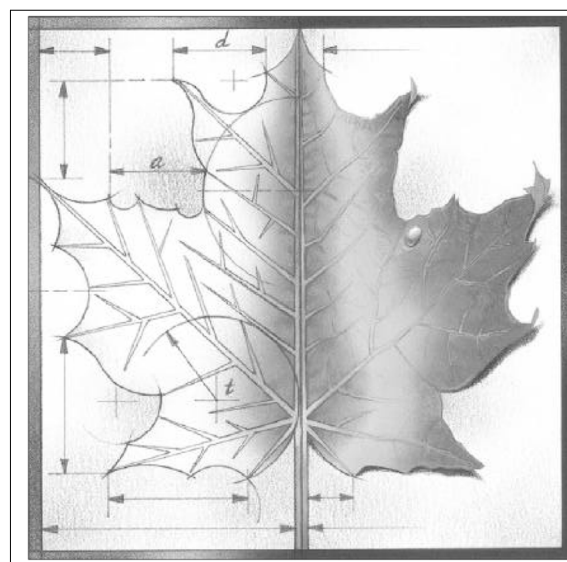
ROOM FINISH SCHEDULE LEGEND
1/4" = 1'-0"

A

B

C

D



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
801 LICNOLN AVENUE
WAMEGO, KS 66547

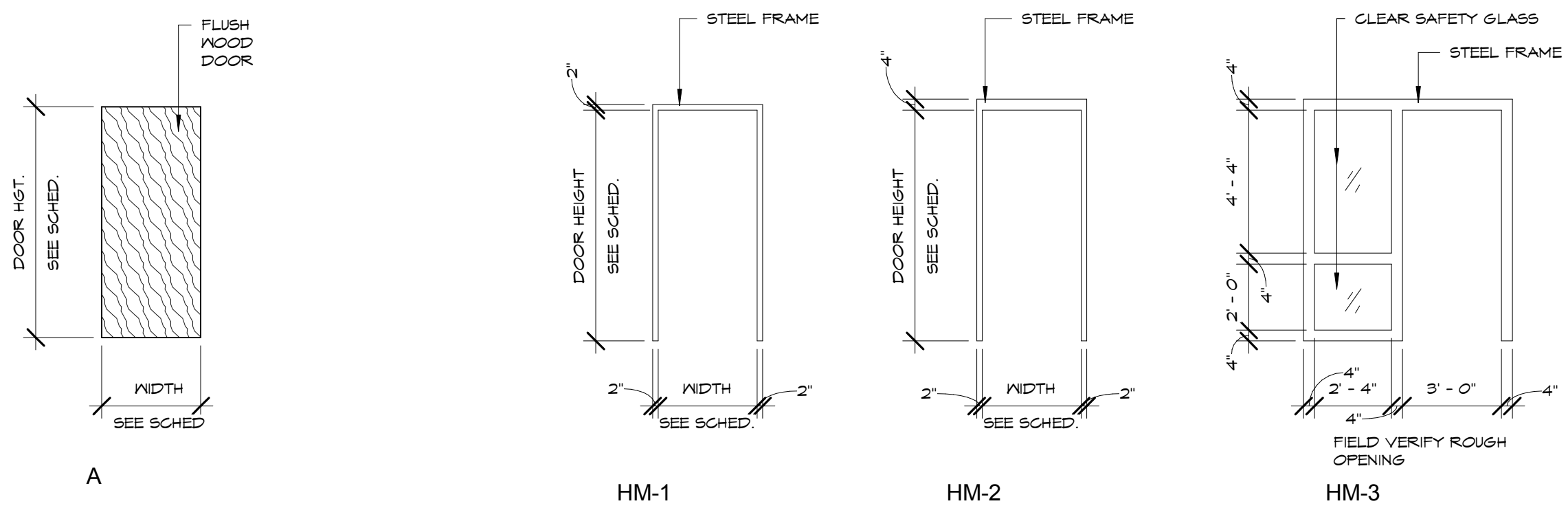
Sheet Title:

FINISH SCHEDULE

Sheet:

A601

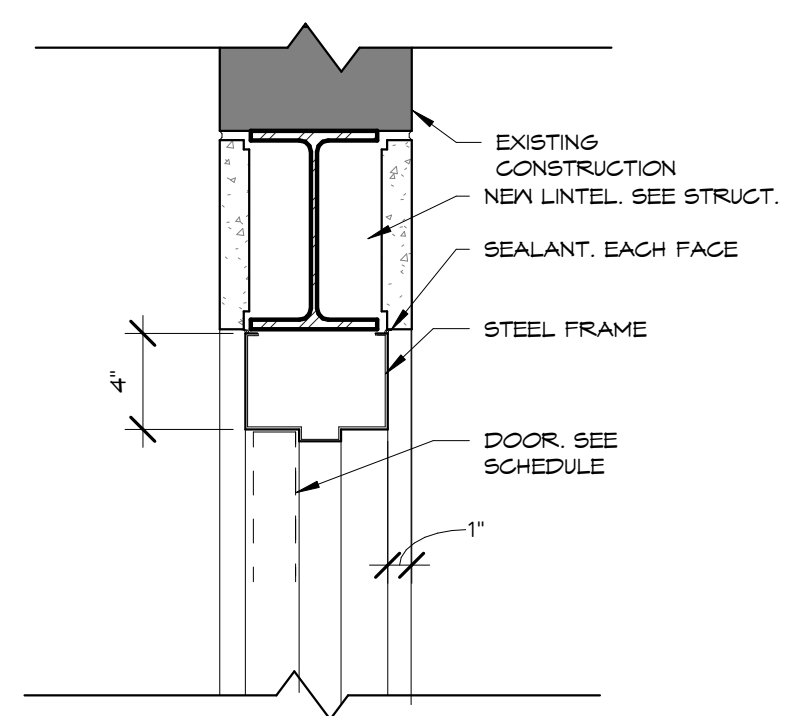
Of:



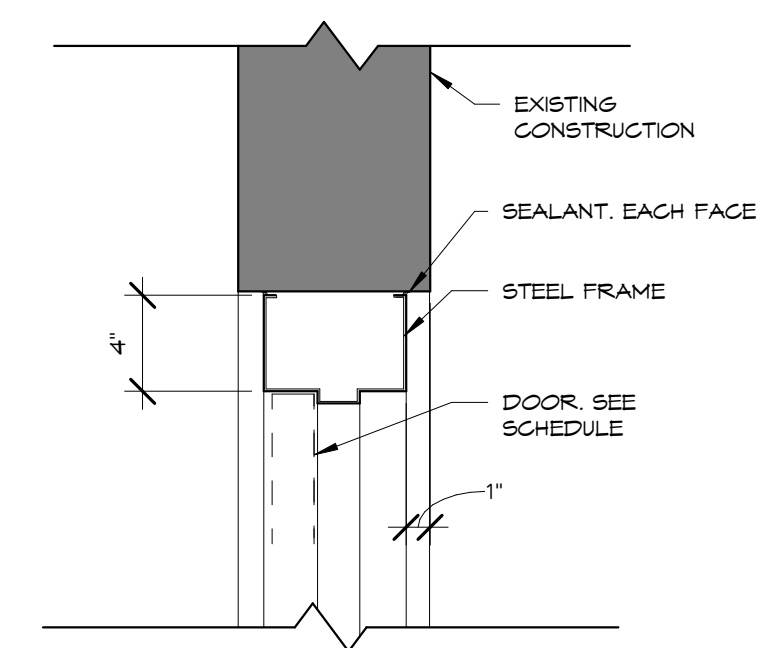
1 DOOR TYPES
A701 1/4" = 1'-0"

2 DOOR FRAME TYPES
A701 1/4" = 1'-0"

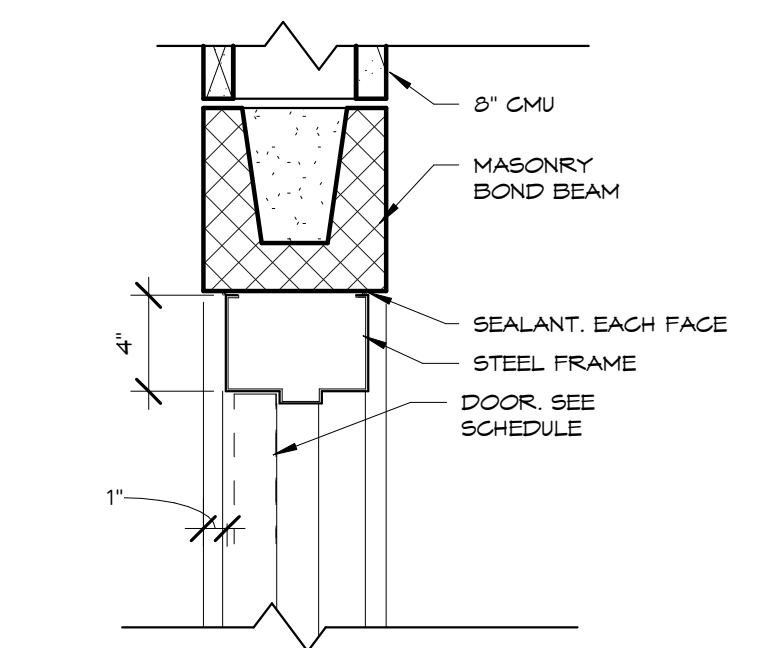
3 WINDOW TYPES
A701 1/4" = 1'-0"



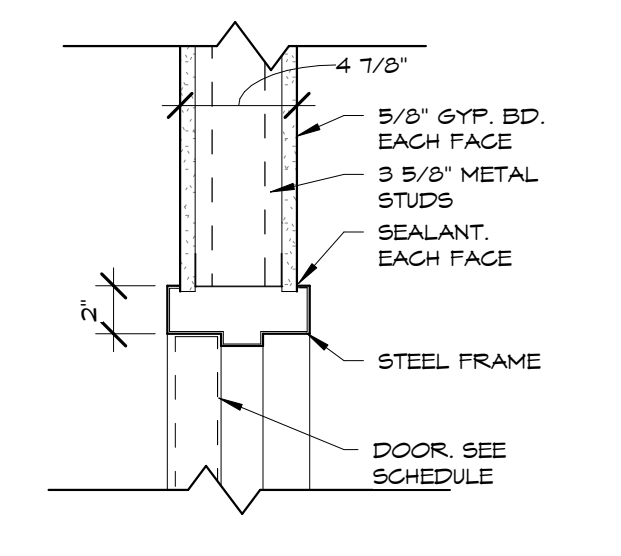
4 DOOR HEAD - EXISTING WALL
A701 1 1/2" = 1'-0"



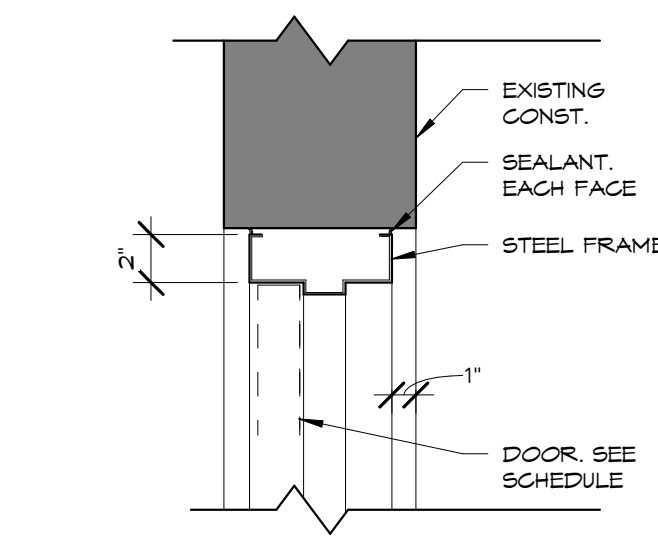
6 DOOR HEAD - EXISTING WALL HM3
A701 1 1/2" = 1'-0"



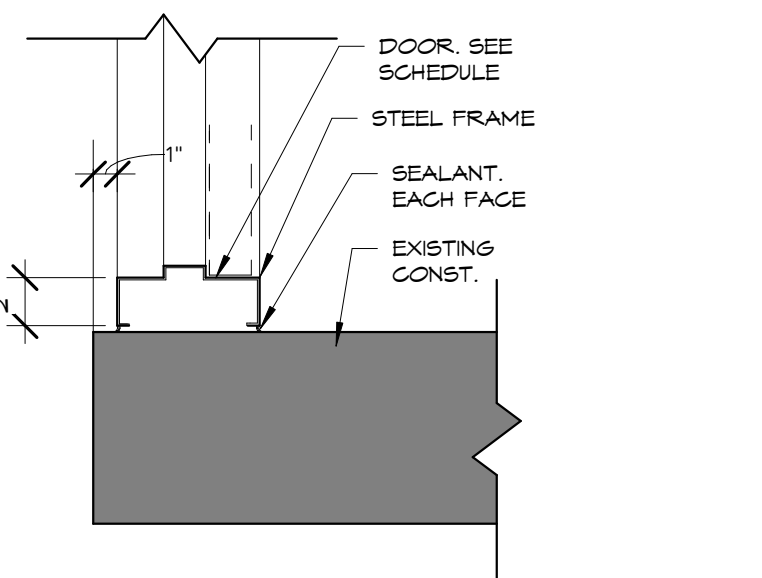
8 DOOR HEAD - NEW CMU WALL
A701 1 1/2" = 1'-0"



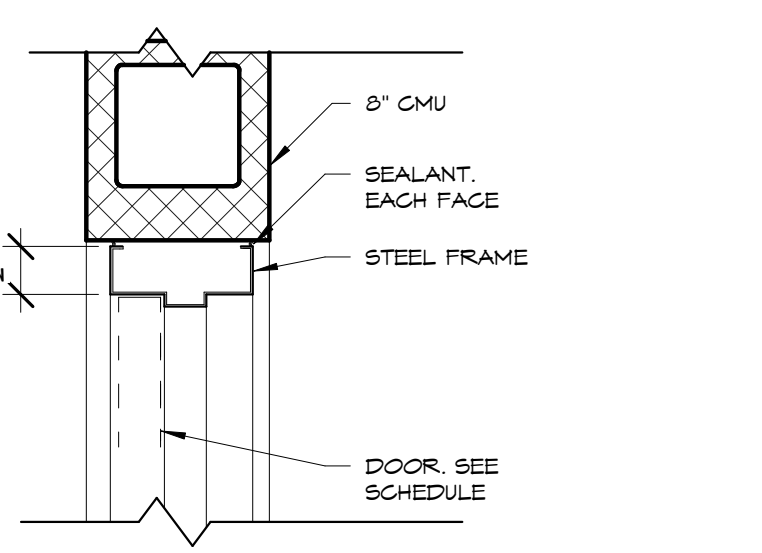
10 DOOR HEAD - FRAMED WALL
A701 1 1/2" = 1'-0"



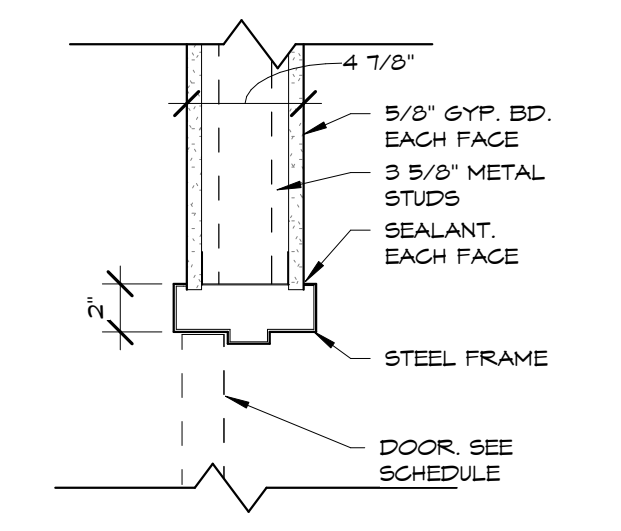
5 DOOR JAMB - EXISTING WALL
A701 1 1/2" = 1'-0"



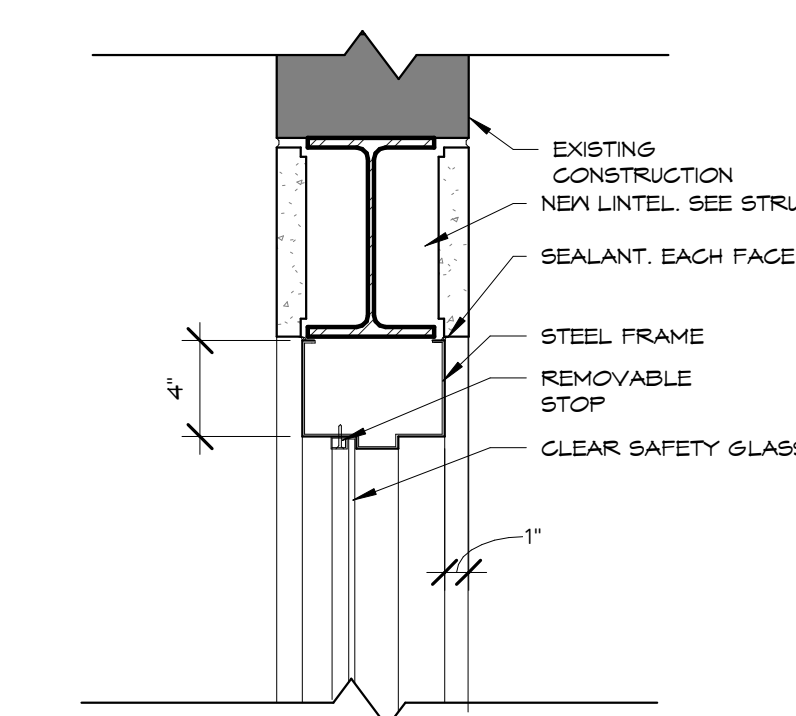
7 DOOR JAMB - EXISTING WALL HM3
A701 1 1/2" = 1'-0"



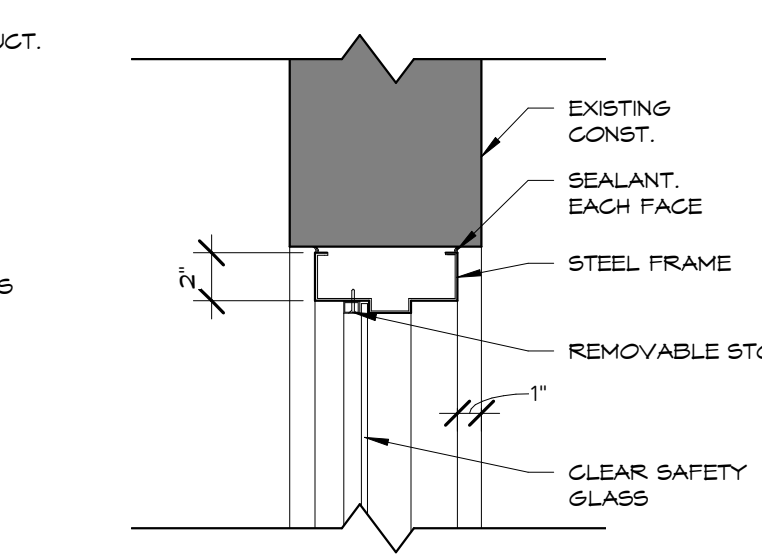
9 DOOR JAMB - NEW CMU WALL
A701 1 1/2" = 1'-0"



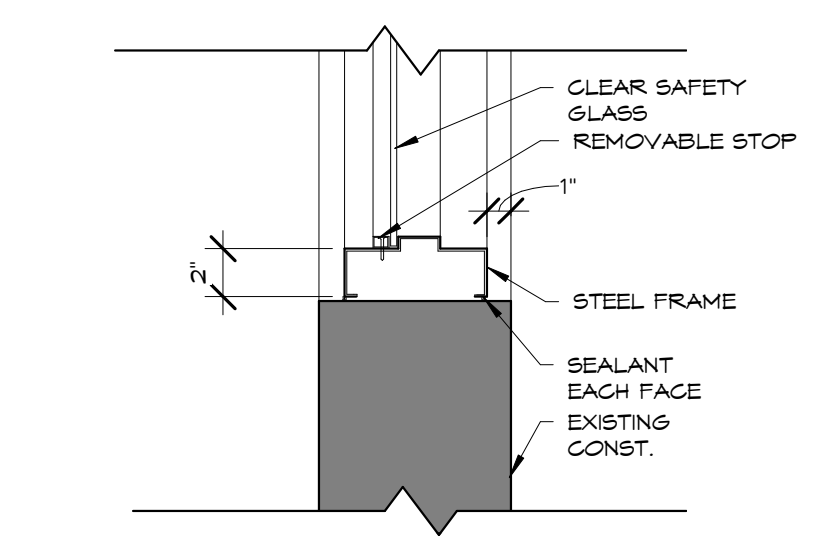
11 DOOR JAMB - FRAMED WALL
A701 1 1/2" = 1'-0"



12 WINDOW HEAD
A701 1 1/2" = 1'-0"



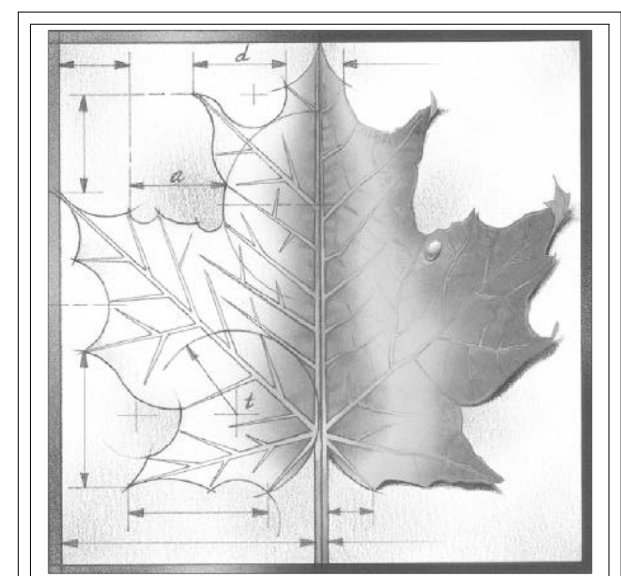
13 WINDOW JAMB
A701 1 1/2" = 1'-0"



14 WINDOW SILL
A701 1 1/2" = 1'-0"

| DOOR & FRAME SCHEDULE | | | | | | | | | | |
|-----------------------|-----------|--------|----------|-------|-------------|---------|------|------|--------------|----------|
| DOOR | DOOR SIZE | | TYPE | | FIRE RATING | DETAILS | | | HARDWARE SET | COMMENTS |
| | WIDTH | HEIGHT | DOOR | FRAME | | HEAD | JAMB | SILL | | |
| 110 | 6'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 111 | 6'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 115A | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 115B | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 116 | 3'-0" | 7'-0" | A | HM-1 | | | | | | |
| 118A | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 118B | 3'-0" | 7'-0" | A | HM-1 | | | | | | |
| 123B | 3'-0" | 7'-0" | A | HM-1 | | | | | | |
| 138A | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 138B | 8'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 139A | 3'-0" | 7'-0" | A | HM-2 | | | | | | |
| 139B | 3'-0" | 7'-0" | A | HM-2 | | | | | | |
| 139C | 3'-0" | 7'-0" | A | HM-2 | | | | | | |
| 140A | 3'-0" | 7'-0" | A | HM-2 | | | | | | |
| 140B | 4'-0" | 7'-0" | A | HM-2 | 1-HR | | | | | |
| 140C | 3'-0" | 7'-0" | A | HM-2 | | | | | | |
| 140D | 3'-0" | 7'-0" | A | HM-2 | 1-HR | | | | | |
| 142 | 3'-0" | 7'-0" | A | HM-2 | | | | | | |
| 143A | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 143B | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 144 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 144B | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 149 | 2'-11" | 7'-0" | A | HM-3 | | | | | | |
| 150 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 154 | 3'-0" | 7'-0" | A | HM-2 | | | | | | |
| 155 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 155 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 160 | 2'-10" | 7'-0" | A | HM-3 | | | | | | |
| 161 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 161A | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 161B | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 164 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 197 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 205 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |
| 206 | 3'-0" | 7'-0" | EXISTING | | | | | | | 1 |

COMMENTS:
1. REFINISH EXISTING DOOR



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
|-----|------|------|

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**

Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
DOOR SCHEDULE

Sheet:
A701

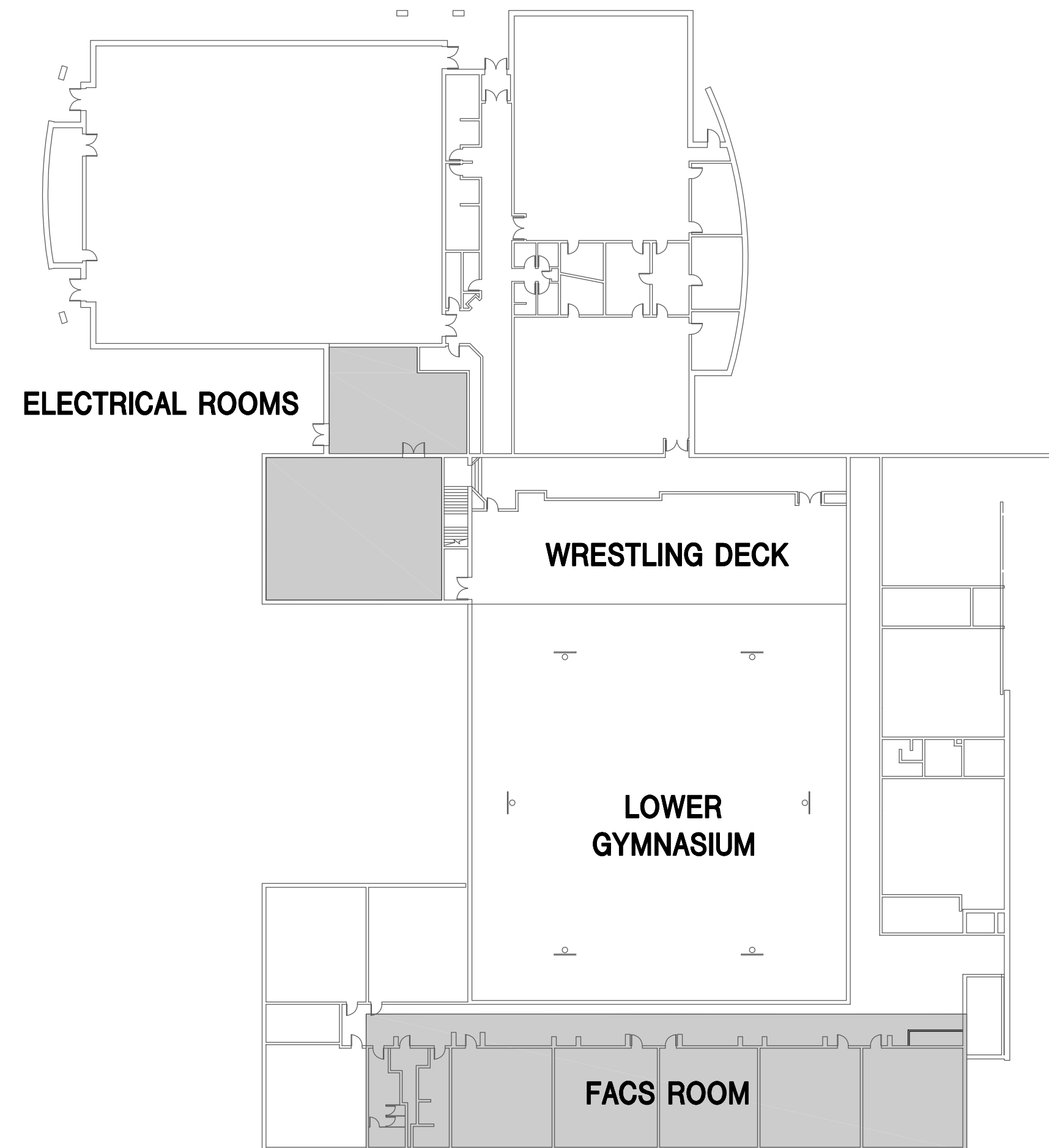
Of:

GENERAL DEMOLITION NOTES

1. Coordinate cutting and patching of all building surfaces with general contractor.
2. Coordinate sequence of work and interruption of services with general contractor and owner, see specifications.
3. Deliver all equipment to owner or dispose of as directed by owner.
4. Systems serving areas outside of the renovation area are to have temporary provisions to allow for continued operation of those systems during the renovation.

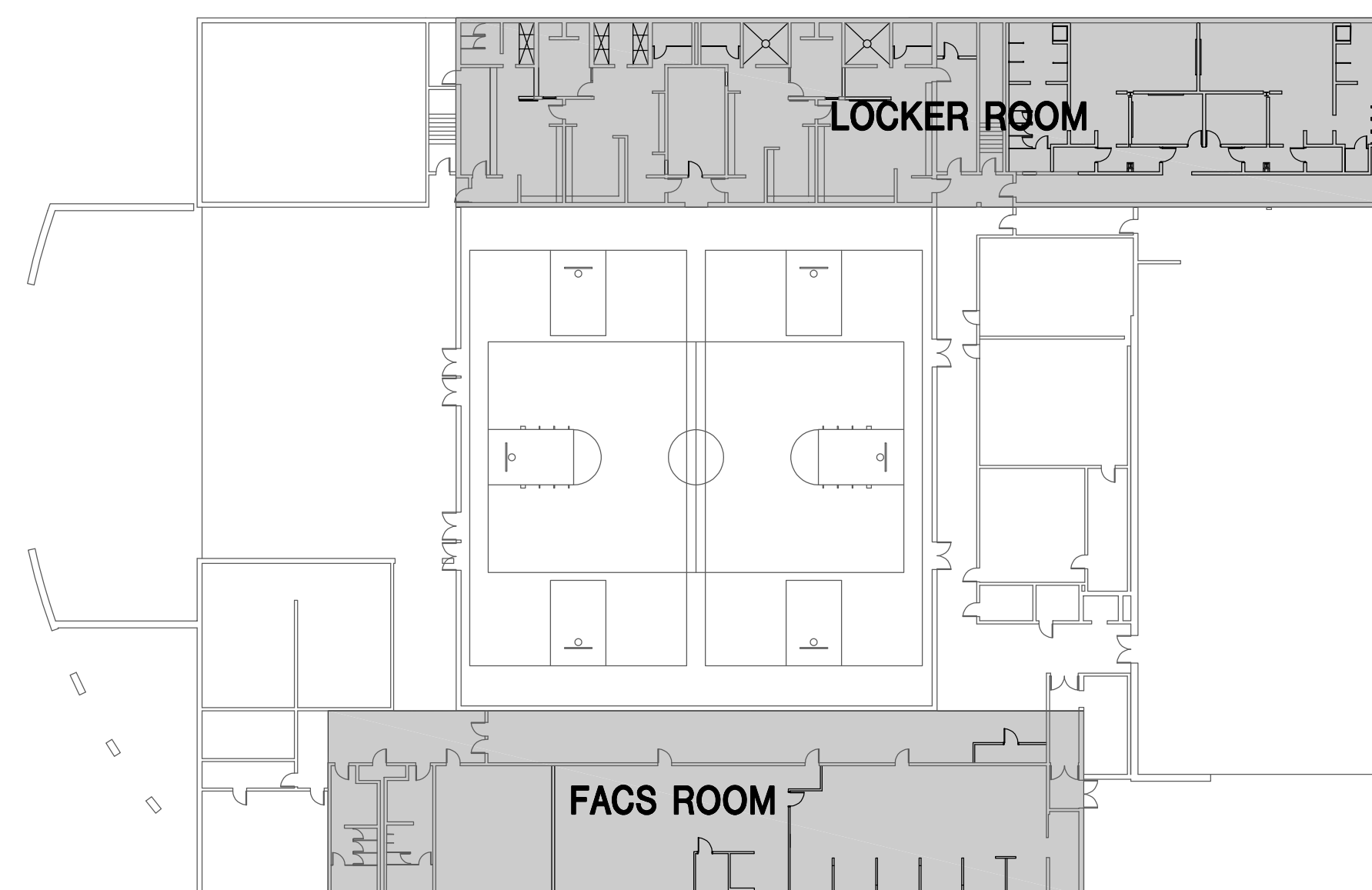
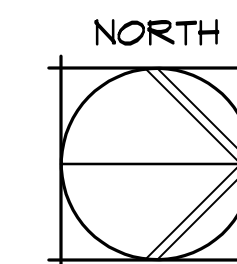
GENERAL MECHANICAL AND ELECTRICAL NOTES

1. Do not scale these drawings.
2. These drawings were produced from original drawings, and field survey and measurements. Existing architectural and structural characteristics of the building which are represented on these drawings are believed to be accurate. However, the contractor shall verify all conditions, materials, and sizes at the site. The contractor shall verify locations and sizes of all below floor and above floor piping, ductwork, and circuitry, and modify as required for new work.
3. Submittal of detailed piping and electrical conduit installation shop drawings are not required. However, the Contractor shall be responsible for field verification of all dimensions and clearances for all system layouts. This shall be accomplished prior to installation.
4. Maintain maximum possible vertical clearance beneath all new conduit, equipment and piping.
5. These drawings are a schematic representation of the work that is to be accomplished by this Contract. Field coordinate the exact locations of all ceiling and wall mounted devices and equipment.
6. Lack of coordination between trades will not be a basis for change orders. Rework of already completed work to accommodate other trades will be performed at the Contractors' expense.
7. Where services to existing equipment, devices or systems which are to remain are interrupted in this work, such services shall be restored so that the existing systems are left in working order.
8. See Specifications for additional requirements.
9. All new piping shall be installed concealed wherever practicable. Where piping must be exposed, obtain Architect's approval for routing prior to installation.
10. All new circuitry shall be concealed wherever practicable. Where circuitry must be exposed, utilize metal surface raceway equivalent to Wiremold unless noted otherwise. Obtain Architect's approval for routing prior to installation.
11. Provide cutting and patching of walls, floors and ceilings as necessary to complete new work.



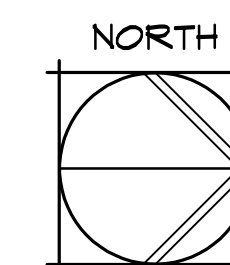
SECOND FLOOR KEY PLAN

NO SCALE



GROUND FLOOR KEY PLAN

NO SCALE

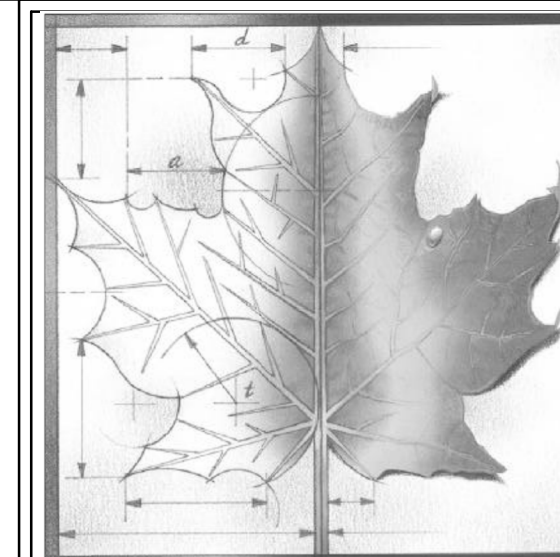


| MEP SYMBOLS LEGEND | | | |
|--------------------|---|--|--|
| | Thermostat | | Natural gas |
| | Temperature sensor | | Sanitary waste above grade |
| | Humidity sensor | | Sanitary waste below grade |
| | Carbon dioxide sensor | | Sanitary vent |
| | 90° Elbow down, round duct | | Vent through roof |
| | 90° Elbow up, round duct | | Plumbing trap |
| | Round duct offset | | Pipe turning down |
| | Radius elbow | | Pipe turning up |
| | 90° Elbow down, rectangular supply duct | | Shock arrester |
| | 90° Elbow up, rectangular supply duct | | Ball valve |
| | 90° Elbow down, rectangular return duct | | Gate valve |
| | 90° Elbow up, rectangular return duct | | Check valve |
| | Rectangular elbow with turning vanes | | Butterfly valve |
| | Flexible duct | | Gas cock |
| | Manual balancing damper | | Union |
| | Motorized damper | | Gauge |
| | Fire damper | | Test plug |
| | Smoke damper | | Reducer |
| | Combination fire/smoke damper | | Thermometer in well |
| | Backdraft damper | | Temperature sensor in well |
| | Ceiling supply air diffuser | | Wall mounting bracket |
| | Ceiling return air grille | | Intercom speaker |
| | Sidewall supply air diffuser | | Analog clock |
| | Sidewall return air grille | | Fire alarm horn/strobe |
| | Supply air slot diffuser | | Fire alarm pull station |
| | Round tap in bottom of duct | | Fire alarm duct smoke detector |
| | Rectangular tap in bottom of duct | | Fire alarm test switch |
| | Condensate drain | | Fire alarm relay/addressable control module |
| | Cold water | | Fire alarm addressable monitor module |
| | Hot water | | Fire alarm strobe |
| | Recirculated water | | Fire alarm control panel |
| | Hot water supply | | Duplex receptacle |
| | Hot water return | | Ground fault interrupting duplex receptacle |
| | Chilled water supply | | Countertop duplex receptacle |
| | Chilled water return | | |
| | | | Weatherproof duplex receptacle |
| | | | Tamper resistant duplex receptacle |
| | | | Four-plex receptacle |
| | | | Special receptacle as noted |
| | | | Data box |
| | | | Countertop data box |
| | | | Flush floor duplex receptacle |
| | | | Flush junction box |
| | | | Surface or concealed junction box |
| | | | Electrical connection to equipment |
| | | | Single pole switch |
| | | | Keyed switch |
| | | | Three-way switch |
| | | | Manual motor starter |
| | | | Electrical disconnect switch |
| | | | Motor starter |
| | | | Combination motor starter/disconnect switch |
| | | | Electrical |
| | | | Conduit concealed in wall or ceiling |
| | | | Home run to panelboard with conductors as indicated. Do not share neutrals unless noted otherwise. |
| | | | Panelboard |
| | | | Transformer |
| | | | Electrical meter |
| | | | Connection of new to existing |
| | | | Existing device |
| | | | Circuit breaker |
| | | | Unless noted otherwise |
| | | | Above finished floor |
| | | | Not in contract |
| | | | General Contractor |
| | | | Surface mount |
| | | | Wireless access point |
| | | | Weatherproof |
| | | | --- |

For Pricing Only - Not For Construction - 3/16/18

Job No. 15011-1
 OZAZEM & SCALORA ENGINEERING, P.A.
 Manhattan, Kansas

Copyright © Ozazem & Scalora Engineering, P.A. 2018



BBN

BBN ARCHITECTS INC
 228 POYNITZ AVENUE
 MANHATTAN, KS 66502
 PH: 785-776-4912
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
 © BBN Architects, Inc.

| | |
|------------|--|
| REVISIONS: | |
| | |
| | |
| | |
| | |
| | |
| | |

Project Number: 16036

Date: 03/16/18

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

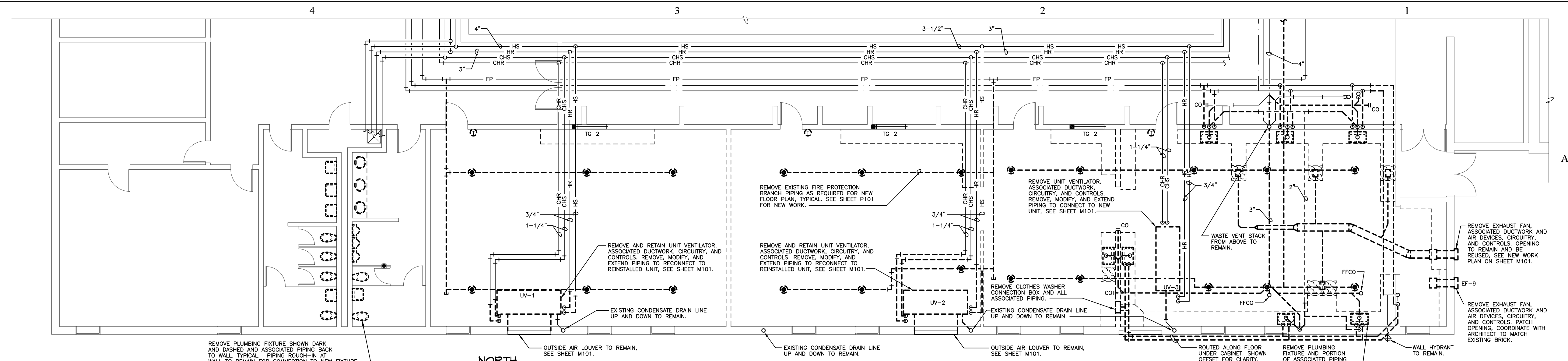
Project Address:
801 LINCOLN AVENUE
WAMEGO, KS 66547

Sheet Title:

KEY PLANS

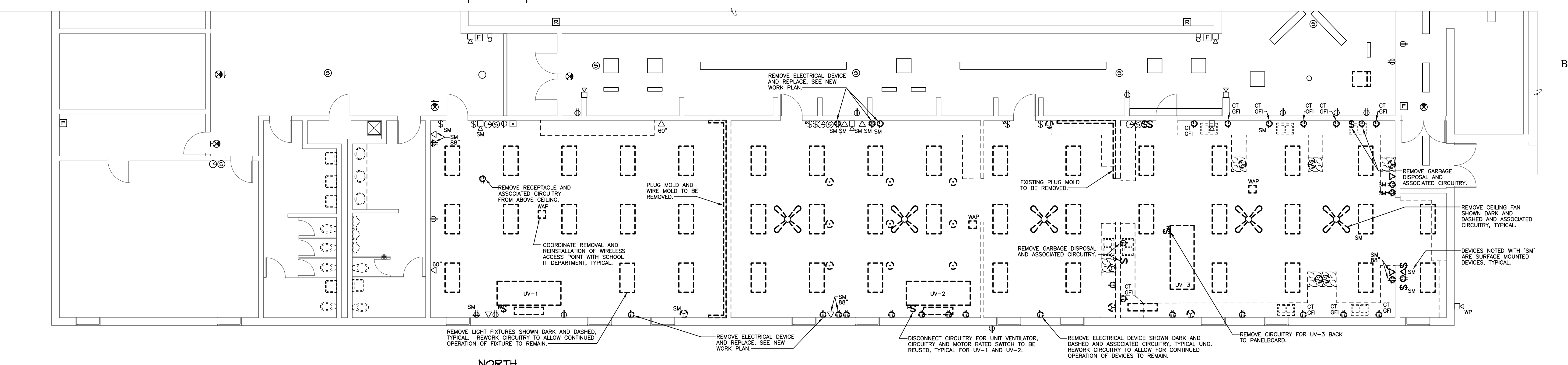
Sheet: ME000

Of:



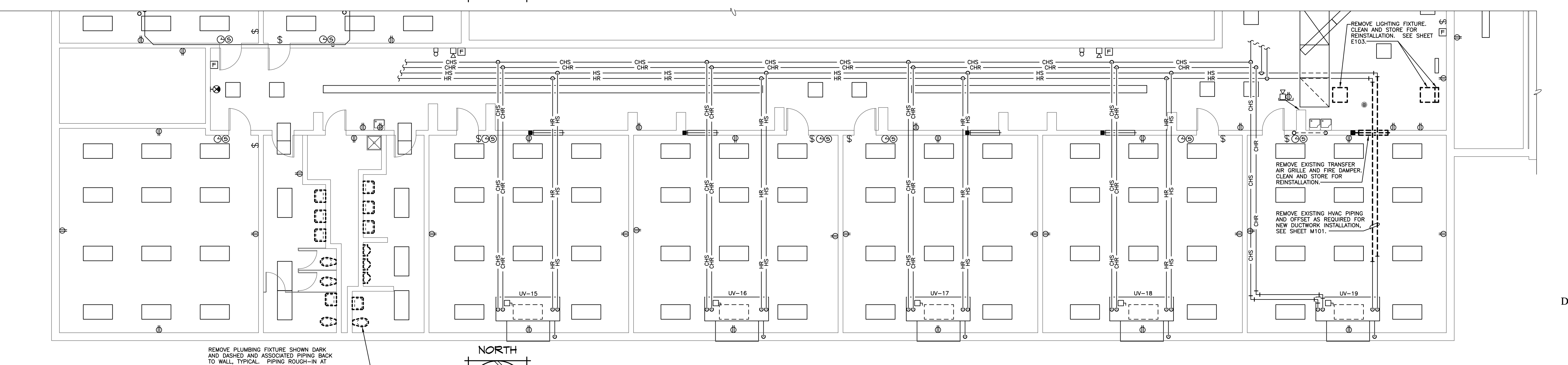
FACS ROOM GROUND FLOOR PLAN - MECHANICAL DEMOLITION

1/8" = 1'-0"



FACS ROOM GROUND FLOOR PLAN - ELECTRICAL DEMOLITION

1/8" = 1'-0"



FACS ROOM SECOND FLOOR PLAN - MEP DEMOLITION

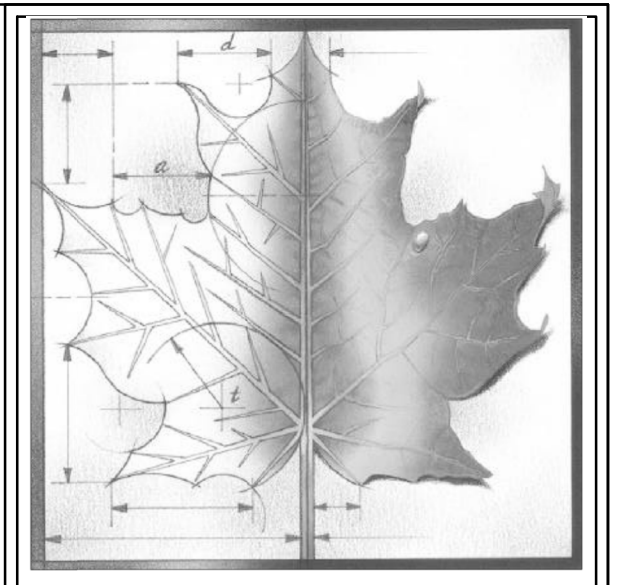
1/8" = 1'-0"

For Pricing Only - Not
For Construction - 3/16/18

OSE OZAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas

Job No. 15011-1

Copyright © Ozazem & Scalora Engineering, P.A. 2018



BBN

BBN ARCHITECTS INC
228 FOYNTZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.

| REVISIONS: | |
|------------|--|
| △ | |
| △ | |
| △ | |
| △ | |
| △ | |

Project Number: **16036**
Date: **03/16/18**

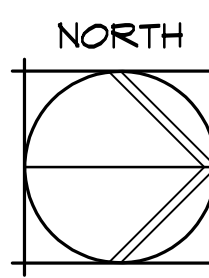
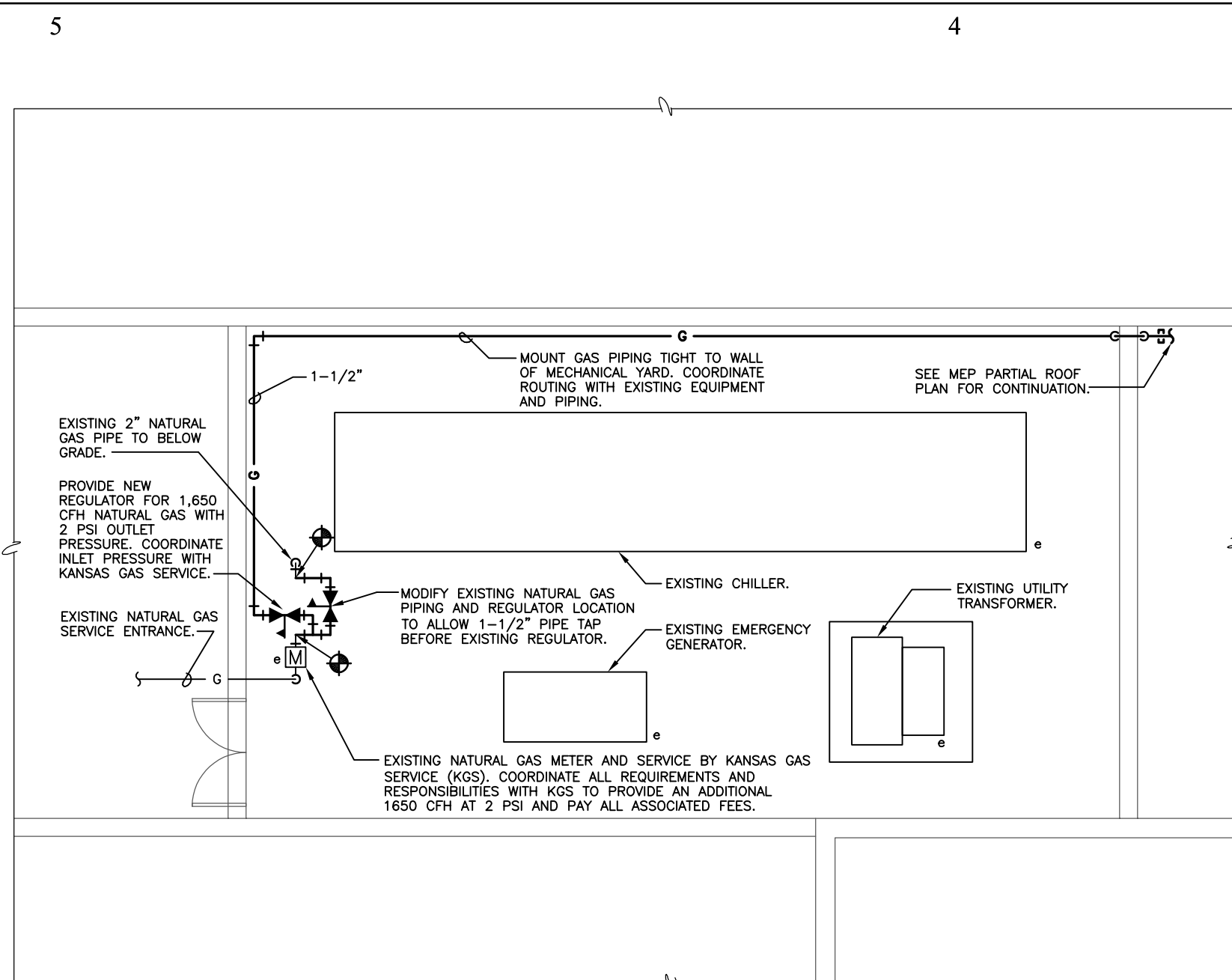
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
**FACS ROOM
MEP
DEMOLITION
PLANS**

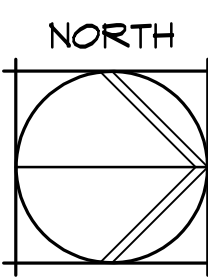
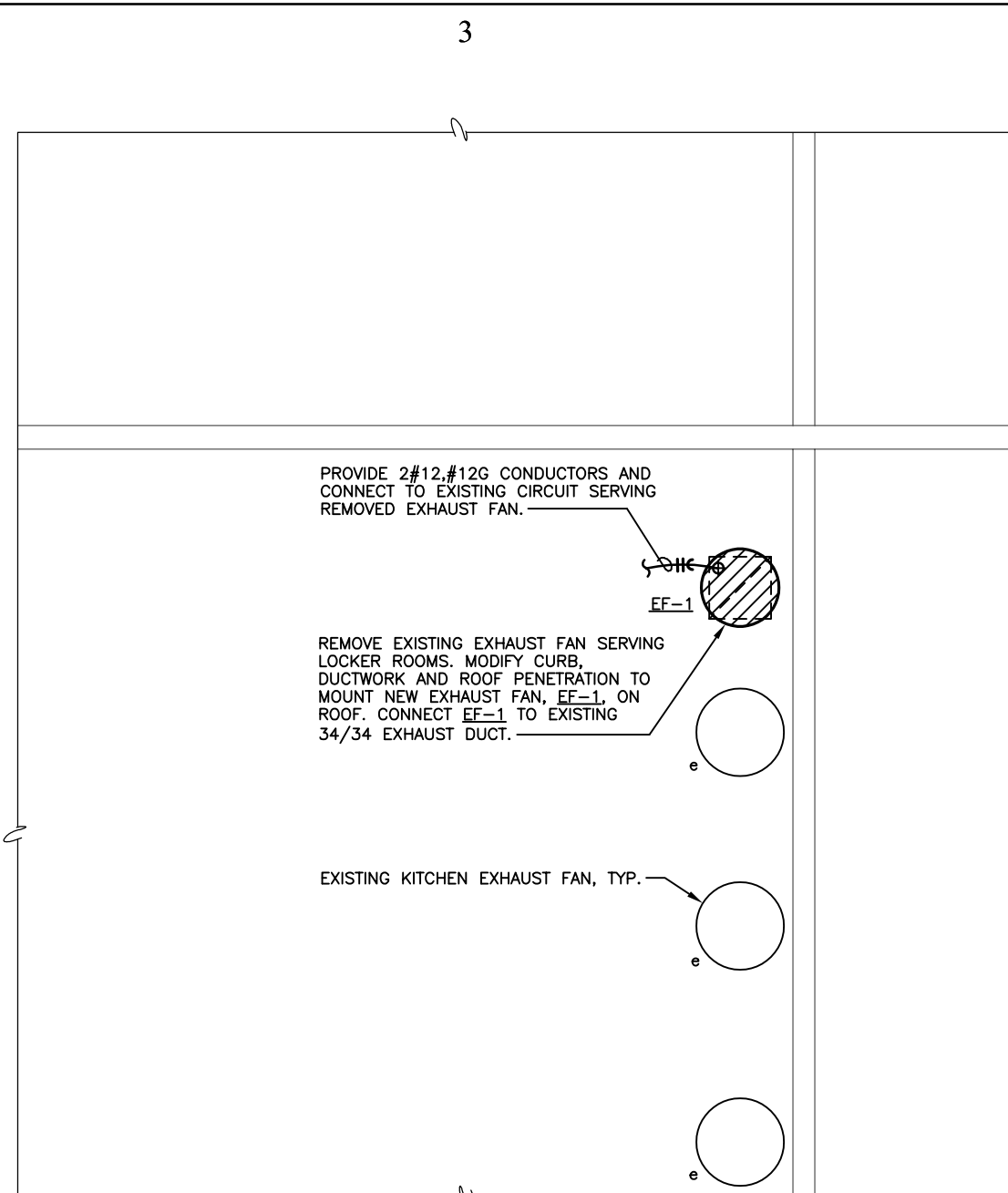
Sheet:
ME001

Of:



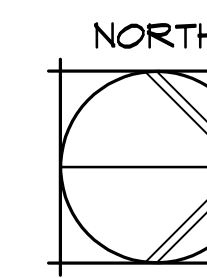
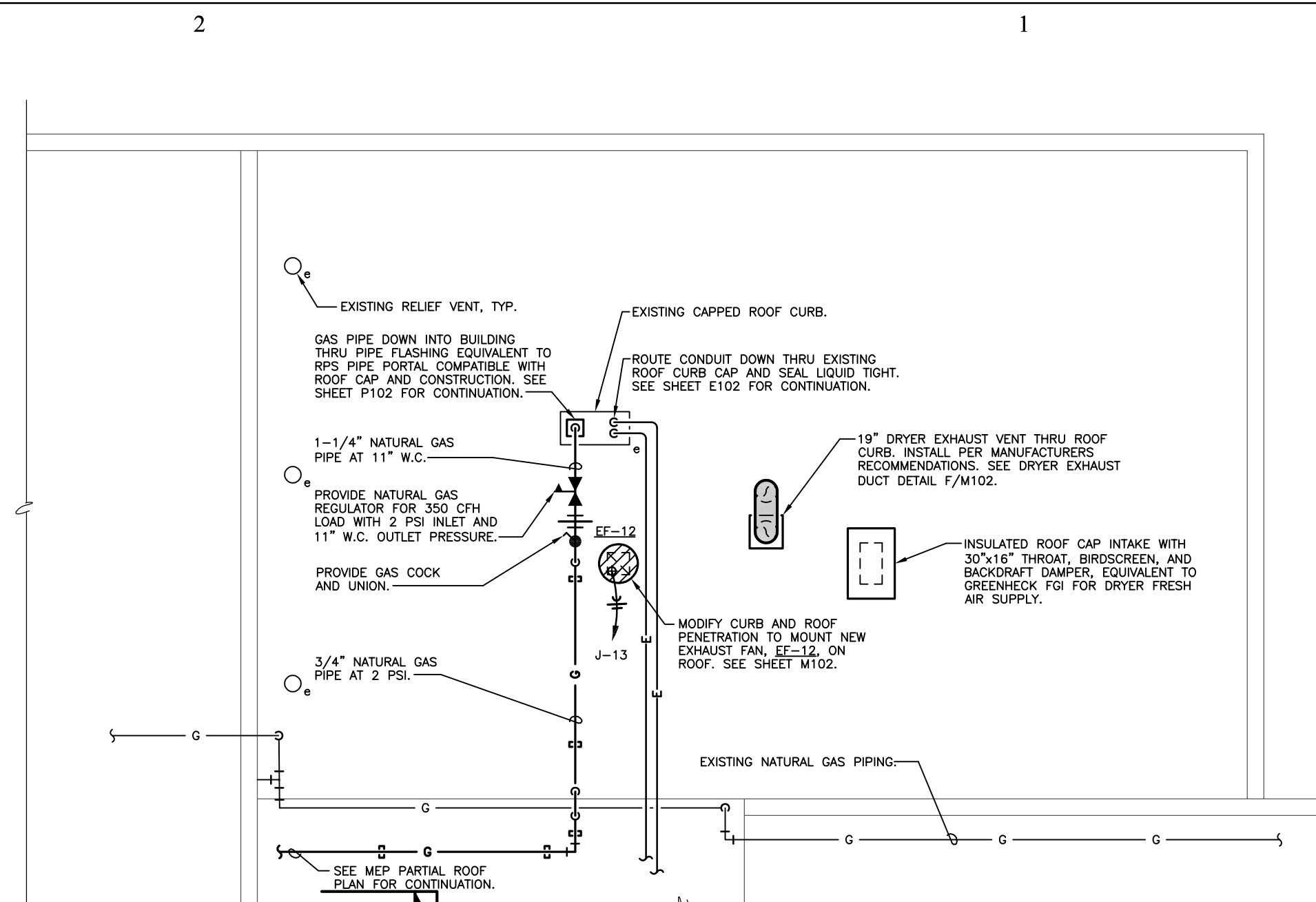
AREA A - MECHANICAL YARD PLAN MEP

1/8" = 1'-0"



AREA B - PARTIAL ROOF PLAN MEP

1/8" = 1'-0"



AREA C - PARTIAL ROOF PLAN MEP

1/8" = 1'-0"

EQUIPMENT CONTROL SCHEDULE SYMBOLS AND NOTES

(Note that only those symbols and notes shown in the schedule shall apply)

SYMBOLS -

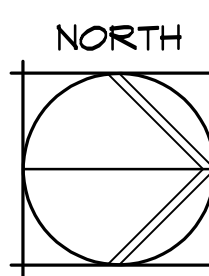
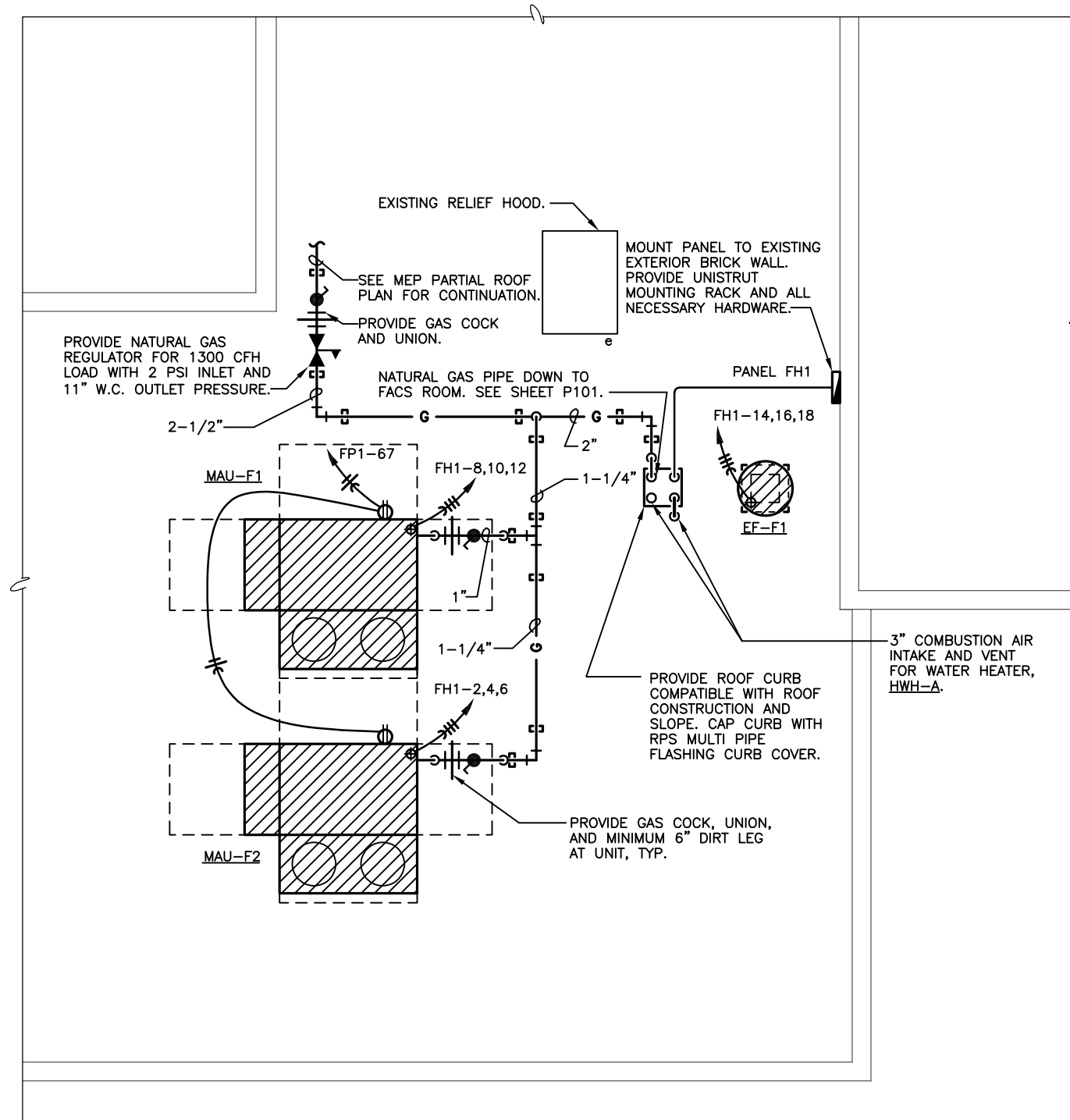
| | |
|--------------------------------|---|
| H = HVAC Contractor (MC) | R = Reset Only |
| E = Electrical Contractor (EC) | RP = Reset w/Pilot Light |
| P = Plumbing Contractor | SS = Start/Stop Push button w/Reset |
| F = Fire Protection Contractor | SSP = Start/Stop Push button w/Reset & Pilot Light |
| G = General Contractor | HOA = Hand-Off-Auto. Selector Switch w/Reset |
| O = Owner | HP = Hand-Off-Auto. Selector Switch w/Reset & Pilot Light |

NOTES -

- Furnish standard across-the-line single speed magnetic starter for each three phase motor, and manual single speed motor starter for each single phase motor, unless otherwise noted.
- For control and interlock of motors, see Temperature Controls, and controls diagrams.
- Equipment electrical characteristics shall be coordinated with Electrical Contractor before ordering equipment.
- Starter(s) or contactor(s) and/or control panel furnished by equipment manufacturer. EC to provide control wiring for field installed control operators and components.
- Starter(s) or contactor(s) and/or control panel furnished by equipment manufacturer. MC to provide control wiring for unit mounted and field installed components.
- Unit controls by equipment manufacturer with data inputs and outputs by Building Controls Contractor, see control diagrams.
- Reference plans and equipment schedules for exact quantities, locations and power requirements.
- Provide combination starter/disconnect switch.
- Electrical unit disconnect furnished pre-wired by equipment manufacturer.
- Provide two-pole, across-the-line, magnetic motor starter for single phase motor.
- Variable frequency drive serves as motor starter.
- Line voltage powered timeclock to serve as motor control device.
- Provide fan control power relay with enclosure for interface with temperature controls.
- Fan control by room light switch.
- Provide wall box mounted spring wound timer switch for manual control.
- Provide cord and plug for electrical connection and disconnecting requirements.
- Existing equipment, MC to provide control wiring for new unit mounted and field installed components.
- Starter(s) or Contactor(s) are existing, EC to field wire new equipment to existing Starter(s) or Contactor(s). MC to provide control wiring for unit mounted and field installed components.

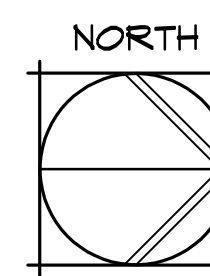
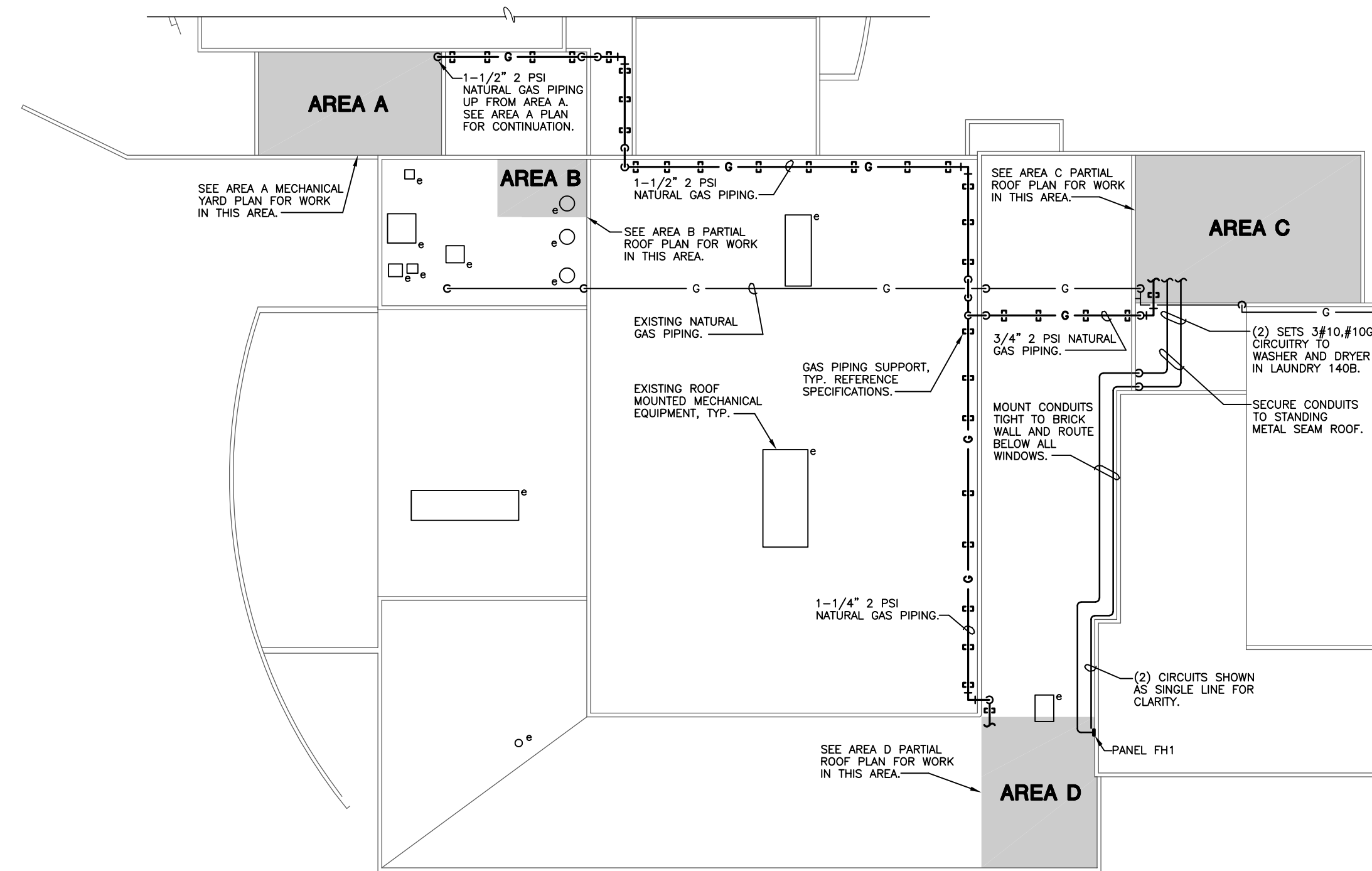
MECHANICAL EQUIPMENT CONTROL SCHEDULE

| Equipment | Location | POWER | | | STARTER | NOTES |
|--------------------------------|------------------|-------|-------|-----|---------|---------|
| | | HP | Kw | FLA | | |
| BC-1 Blower Coil | South Locker 139 | - | - | 5.7 | 230/1 H | 5.9 |
| BC-2 Blower Coil | North Locker 140 | - | - | 5.7 | 230/1 H | 5.9 |
| BC-3 Blower Coil | Prep AG107A | - | - | 5.4 | 208/1 H | 5.9 |
| FC-1 Fan Coil | Training 143 | - | - | 0.9 | 230/1 H | 5.9 |
| FC-2 Fan Coil | Hallway 138 | - | - | 0.7 | 230/1 H | 5.9 |
| FRH-1 Fire Ready Hood | FACs 118 | - | 0.540 | - | 120/1 H | 4.6 |
| FRH-2 Fire Ready Hood | FACs 118 | - | 0.540 | - | 120/1 H | 4.6 |
| FRH-3 Fire Ready Hood | FACs 118 | - | 0.540 | - | 120/1 H | 4.6 |
| FRH-4 Fire Ready Hood | FACs 118 | - | 0.540 | - | 120/1 H | 4.6 |
| FRH-5 Fire Ready Hood | FACs 118 | - | 0.540 | - | 120/1 H | 4.6 |
| FRH-6 Fire Ready Hood | FACs 118 | - | 0.540 | - | 120/1 H | 4.6 |
| EF-1 Exhaust Fan | Roof | 2 | - | - | 480/3 H | 9.18 |
| EF-12 Exhaust Fan | Roof | 1/4 | - | - | 120/1 H | 5.9, 13 |
| EF-F1 Exhaust Fan | Roof | 1-1/2 | - | - | 480/3 H | 4.9 |
| EF-P1 Exhaust Fan | Roof | - | 0.015 | - | 120/1 H | 4.9, 14 |
| MAU-F1 Make-up Air Unit | Roof | - | - | 24 | 480/3 H | 5.6 |
| MAU-F2 Make-up Air Unit | Roof | - | - | 32 | 480/3 H | 5.6, 11 |
| UV-1 Relocated Unit Ventilator | Roof | - | - | 5 | 120/1 H | 17 |
| UV-2 Relocated Unit Ventilator | Roof | - | - | 5 | 120/1 H | 17 |
| DH-1 Electric Duct Heater | Classroom 112 | - | 5 | - | 277/1 H | 5 |
| DH-2 Electric Duct Heater | Preschool 115 | - | 5 | - | 277/1 H | 5 |
| DH-3 Electric Duct Heater | FACs 118 | - | 5 | - | 277/1 H | 5 |
| HWP Hot Water Circulation Pump | Room 123B | - | 1/35 | - | 120/1 | 4.16 |



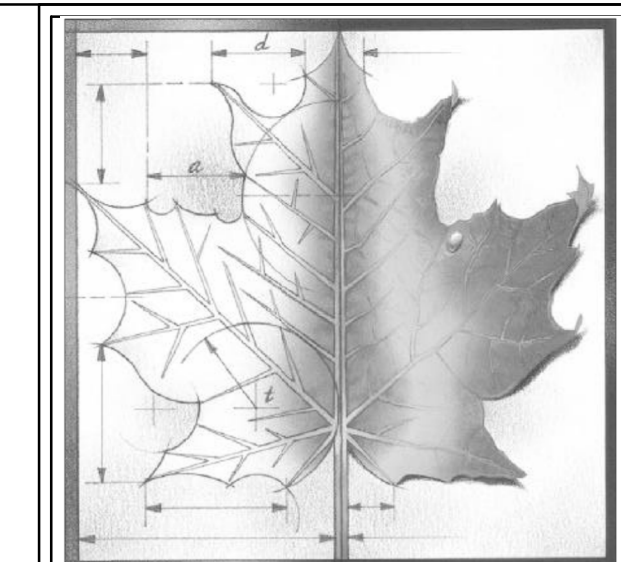
AREA D - PARTIAL ROOF PLAN MEP

1/8" = 1'-0"



PARTIAL ROOF PLAN MEP

1/32" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.

REVISIONS:

| | |
|--|--|
| | |
| | |
| | |
| | |
| | |

Project Number: **16036**
Date: **03/16/18**
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
MEP ROOF PLAN

Sheet:
ME100

For Pricing Only - Not For Construction - 3/16/18

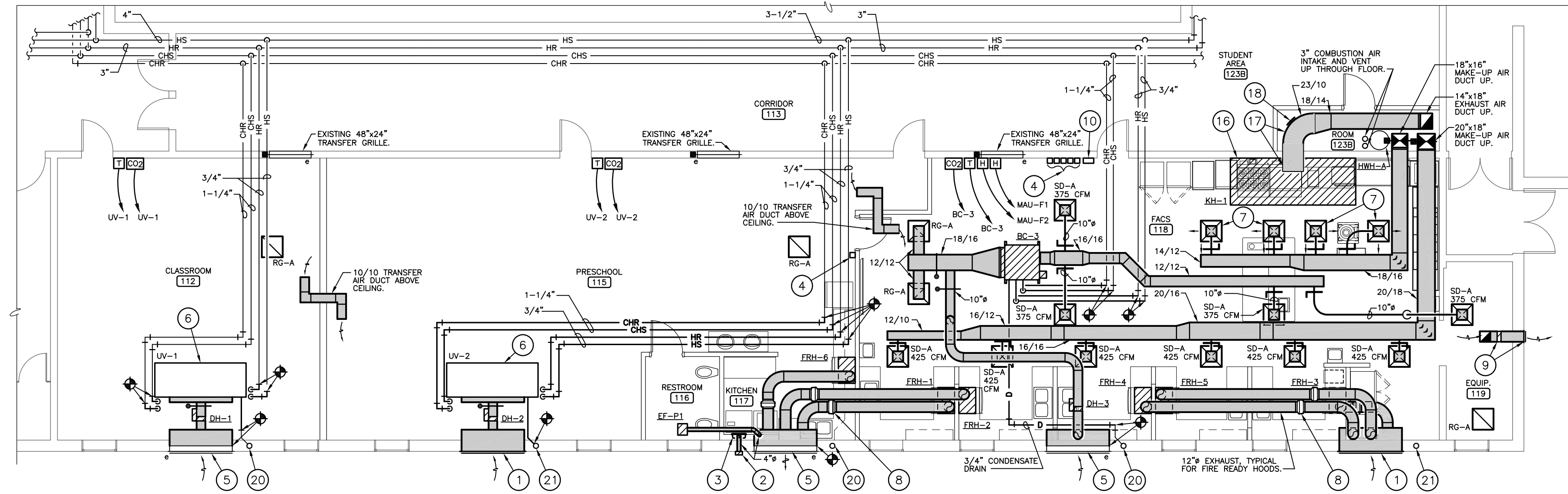
OSE ORAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas

Job No. 15011-1

Copyright © Orazem & Scalora Engineering, P.A. 2018

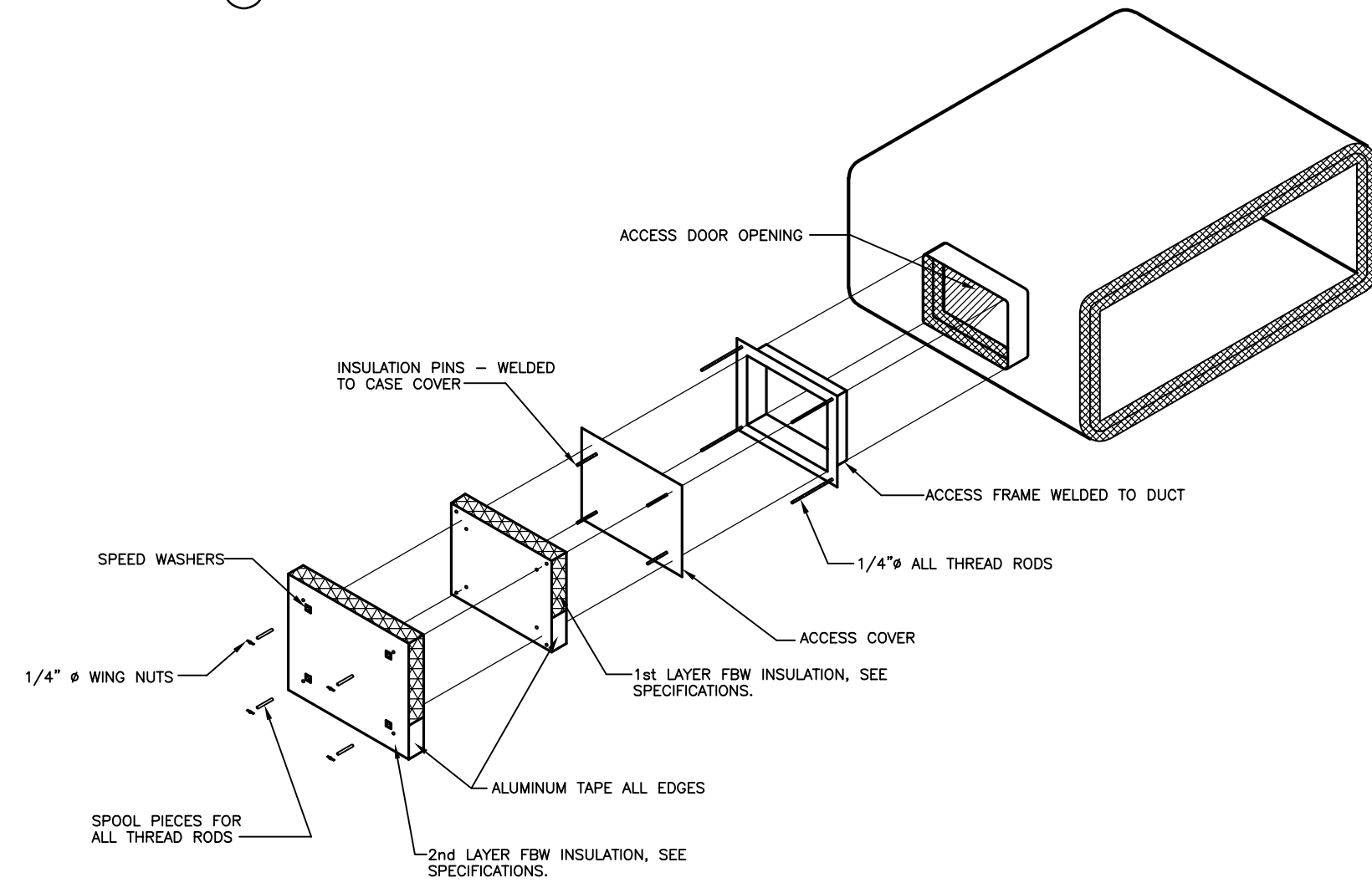
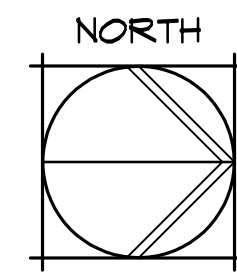
MECHANICAL NOTES BY SYMBOL:

- 1 PROVIDE 72"x16" INTAKE LOUVER EQUIVALENT TO GREENHECK ESD 435 IN FINISH TO MATCH EXISTING INTAKE LOUVERS ON THIS WALL. INSTALL WITH BOTTOM AT ELEVATION MATCHING EXISTING LOUVERS. COORDINATE WITH ARCHITECT. PROVIDE NEW 12"Wx16"Hx72"L PLENUM AS SHOWN.
- 2 PROVIDE NEW ALUMINUM DRYER EXHAUST WALL CAP EQUIVALENT TO GREENHECK MODEL WC-4 WITH BACKDRAFT DAMPER TO REPLACE REMOVED WALL CAP. FINISH TO BE SELECTED BY ARCHITECT.
- 3 RECESSED DRYER VENT HOSE BOX EQUIVALENT TO DRYERBOX-480, INSTALLED FOR UPWARD VENTING. MOUNT LOW IN WALL, NEAR FLOOR.
- 4 FIRE READY HOOD FIRE SUPPRESSION SYSTEM MANUAL ACTIVATION DEVICE, TYPICAL FOR (5) DEVICES IN FACs, (1) DEVICE IN PRESCHOOL.
- 5 EXISTING 72"x16" INTAKE LOUVER. PROVIDE NEW 12"Wx16"Hx72"L PLENUM AS SHOWN.
- 6 REINSTALL EXISTING UNIT VENTILATOR AND CONNECT TO EXISTING CIRCUITRY AND CONTROLS, MODIFY AND EXTEND PIPING AS REQUIRED TO RECONNECT TO UNIT. CONNECT 10" DIAMETER OUTSIDE AIR DUCT WITH ELECTRIC DUCT HEATER AND MODULATING CONTROL DAMPER. PROVIDE FREEZE-STAT IN O.A. DUCT IN ACCESSIBLE LOCATION ABOVE CEILING. CLEAN UNIT, CHECK OPERATION, AND PROVIDE NEW FILTER.
- 7 SUPPLY AIR DIFFUSER TYPE SD-A, BALANCED TO PROVIDE 385 CFM WITH 2-WAY DIRECTIONAL AIRFLOW AS INDICATED ON PLAN.
- 8 INLINE EXHAUST FAN FOR FIRE-READY HOOD OVER RESIDENTIAL RANGE, TYPICAL FOR (6). LOCATE FAN IN AN ACCESSIBLE LOCATION ABOVE LAY-IN CEILING. PROVIDE 12" DIAMETER EXHAUST DUCT FOR NFPA 101 COMPLIANCE AND CONNECT TO PLENUM BEHIND THRU-WALL LOUVER.
- 9 10"x10" ALUMINUM BAROMETRIC RELIEF DAMPER TO BE INSTALLED IN 10/10 DUCT THROUGH EXISTING OPENING FROM REMOVED EXHAUST FAN. PROVIDE NEW LOUVER ON EXTERIOR WALL EQUIVALENT TO GREENHECK ESD 435 IN FINISH TO MATCH EXISTING LOUVERS ON EAST WALL, COORDINATE WITH ARCHITECT.
- 10 HOOD CONTROLLER FOR KITCHEN HOOD KH-1.
- 11 18/16 MAKE-UP AIR DUCT DOWN THROUGH SLAB, TRANSITION TO 21/14 IN VERTICAL RUN.
- 12 20/18 MAKE-UP AIR DUCT DOWN THROUGH SLAB, TRANSITION TO 26/14 IN VERTICAL RUN.
- 13 14/18 EXHAUST AIR DUCT DOWN THROUGH SLAB.
- 14 3" COMBUSTION AIR INTAKE AND VENT FOR HWH-A UP TO ROOF. SEE ROOF PLAN ME100 FOR CONTINUATION.
- 15 INSTALL EXISTING TRANSFER AIR GRILLE WITH FIRE DAMPER ABOVE DRINKING FOUNTAIN.
- 16 SEE DETAILS B/M101 FOR KITCHEN HOOD KH-1 EXHAUST DUCT, TYPICAL.
- 17 PROVIDE RECTANGULAR RADIUS ELBOW DUCT. GREASE DUCT TO SLOPE TO HOOD.
- 18 PROVIDE DUCT ACCESS PANEL FOR CLEANING GREASE DUCT. SEE DETAIL A/M101.
- 19 OFFSET PIPING ABOVE DUCTWORK AS REQUIRED.
- 20 EXISTING 1" CONDENSATE DRAIN UP, 1-1/4" CONDENSATE DRAIN DOWN.
- 21 EXISTING 1" CONDENSATE DRAIN UP AND DOWN.

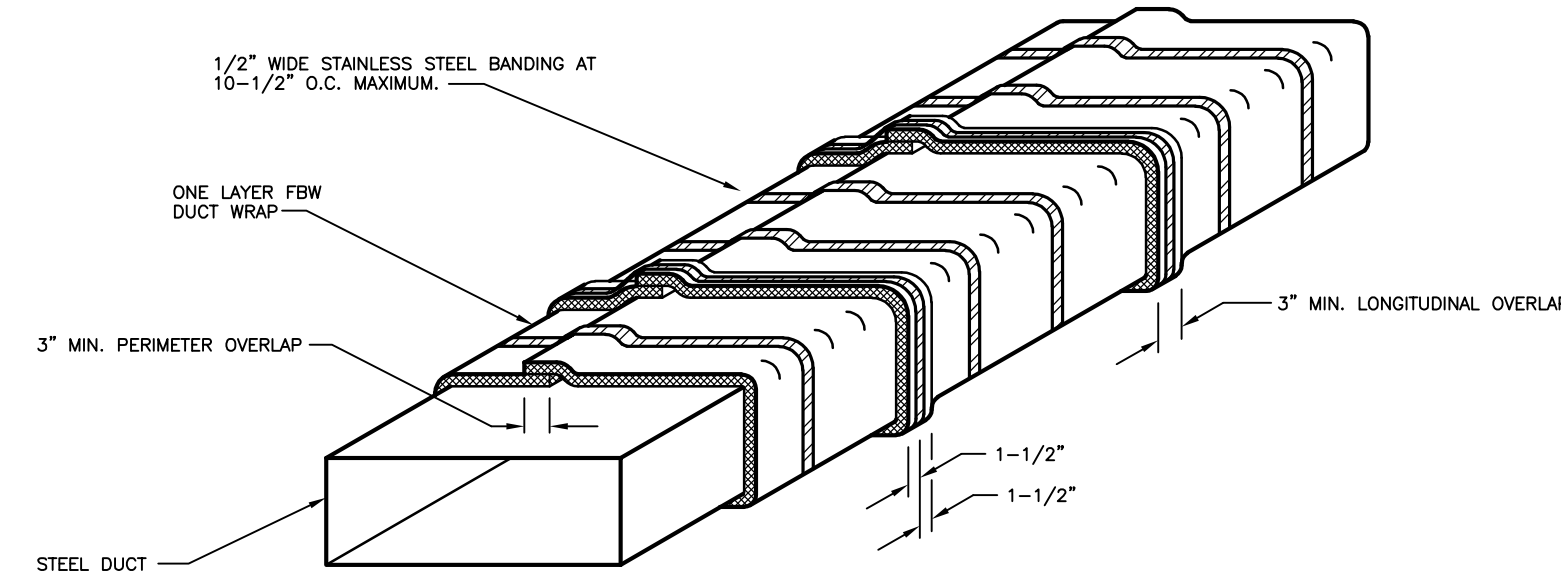


FACS ROOM GROUND FLOOR PLAN - MECHANICAL

1/8" = 1'-0"

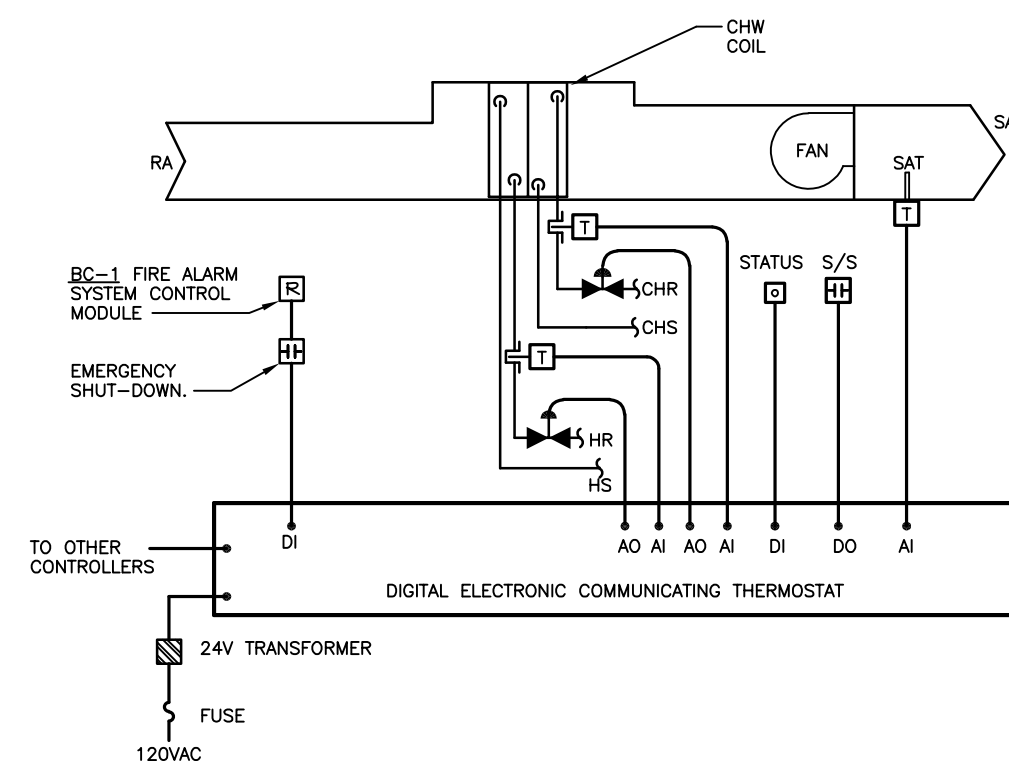


A KITCHEN HOOD DUCT ACCESS PANEL DETAIL
NO SCALE



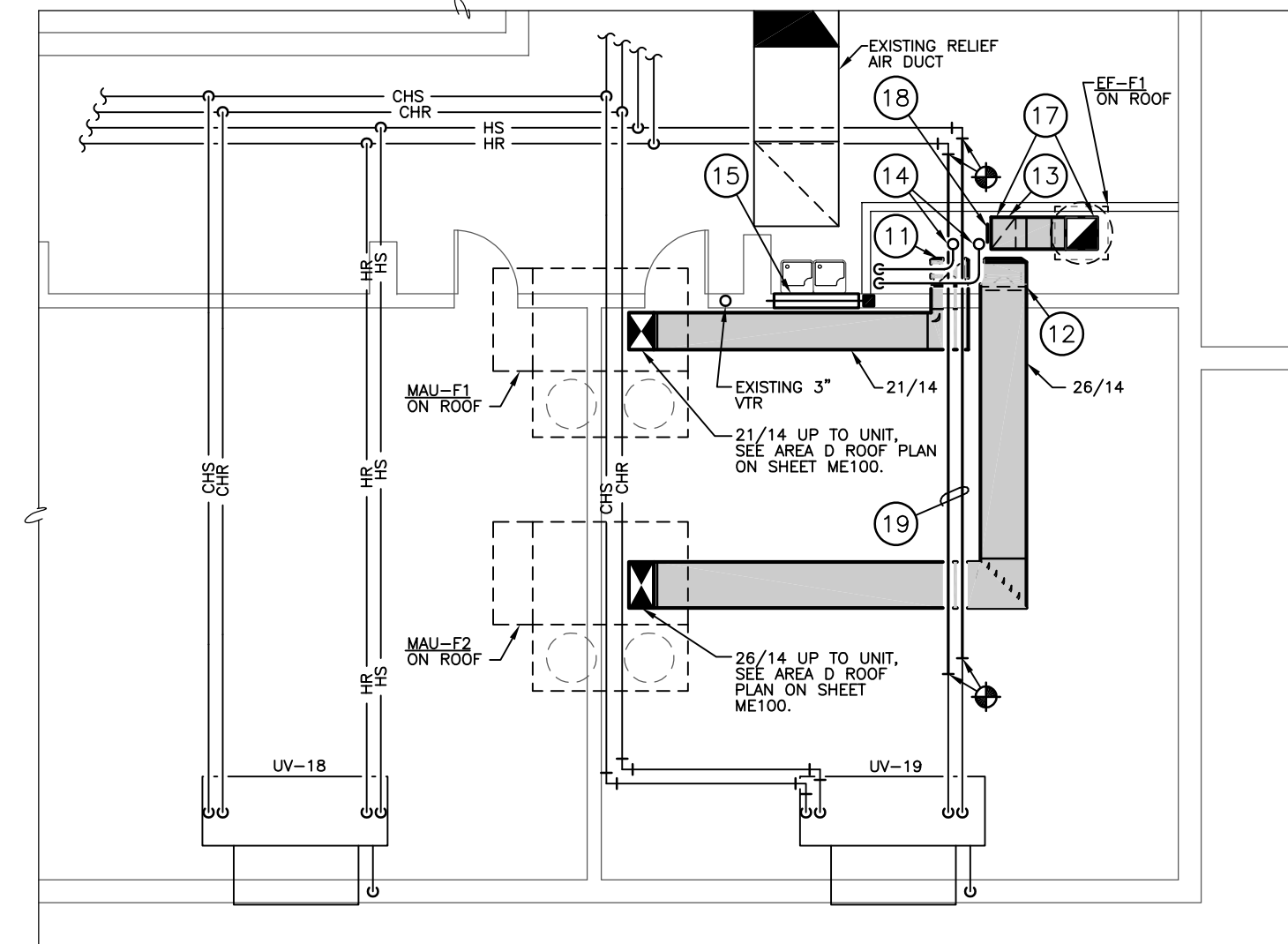
B KITCHEN HOOD DUCT WRAP DETAIL
NO SCALE

| CONTROLS LEGEND | |
|-----------------|-------------------------|
| | Carbon dioxide sensor |
| | Flow meter |
| | Room temperature sensor |
| | Relay |
| | Current switch |
| | 3-way valve |
| | Control valve |
| | Connect to existing |
| | Space humidity sensor |
| | Duct humidity sensor |
| | Duct temperature sensor |
| | Pipe temperature sensor |
| | Thermometer |
| Abbreviations | |
| SA | Supply air |
| RA | Return air |
| OA | Outside air |
| SAT | Supply air temperature |
| RAT | Return air temperature |
| OAT | Outside air temperature |
| MAT | Mixed air temperature |



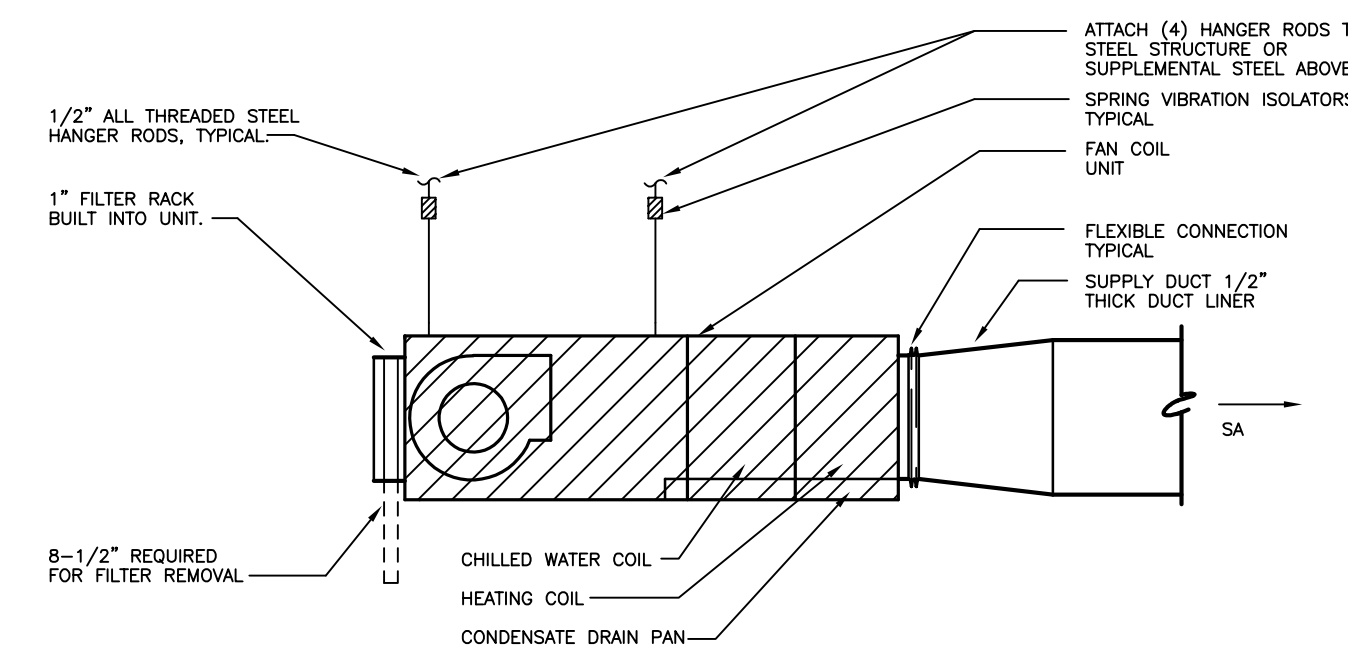
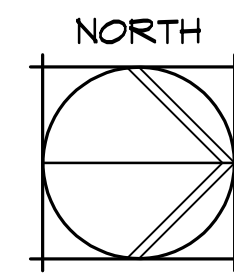
- SEQUENCE OF OPERATION:**
- BC system shall cycle from occupied to unoccupied operation based on an individual time schedule. Run fan during occupied periods.
 - Heating:
 - g. Modulate the HW valve to maintain the space temperature setpoint.
 - Cooling:
 - a. Modulate the CHW valve to maintain the space temperature setpoint.
 - Alarms: All room temperature outside of user defined limits, fan failure, deviation of any temperature from setpoint for an adjustable time span.

C BLOWER COIL CONTROL DIAGRAM
NO SCALE



FACS ROOM SECOND FLOOR PLAN - MECHANICAL

1/8" = 1'-0"

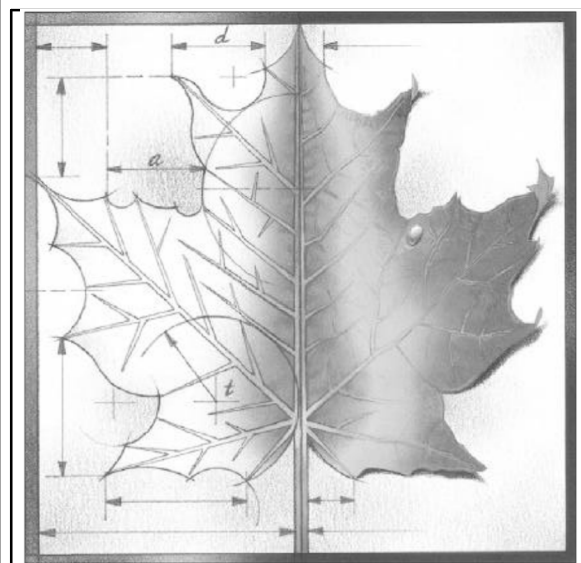


NOTES: 1. REFER TO MECHANICAL PLANS FOR DUCT & PIPE SIZES.
2. SEE COIL PIPING DETAIL FOR PIPING CONNECTIONS.

D FAN COIL UNIT MOUNTING DETAIL
NO SCALE

For Pricing Only - Not
For Construction - 3/16/18

OSE ORAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas
Job No. 15011-1



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Includes as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect. © BBN Architects, Inc.

| REVISIONS: | |
|------------|--|
| | |
| | |
| | |
| | |
| | |

Project Number: **16036**
Date: **03/16/18**

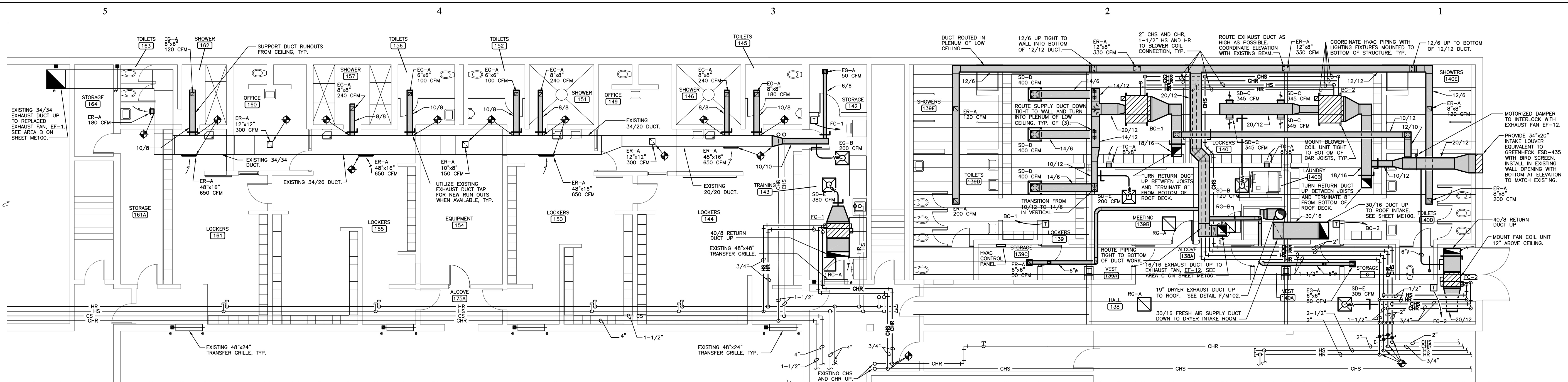
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

FACS ROOM MECHANICAL PLANS

Sheet Title:
M101

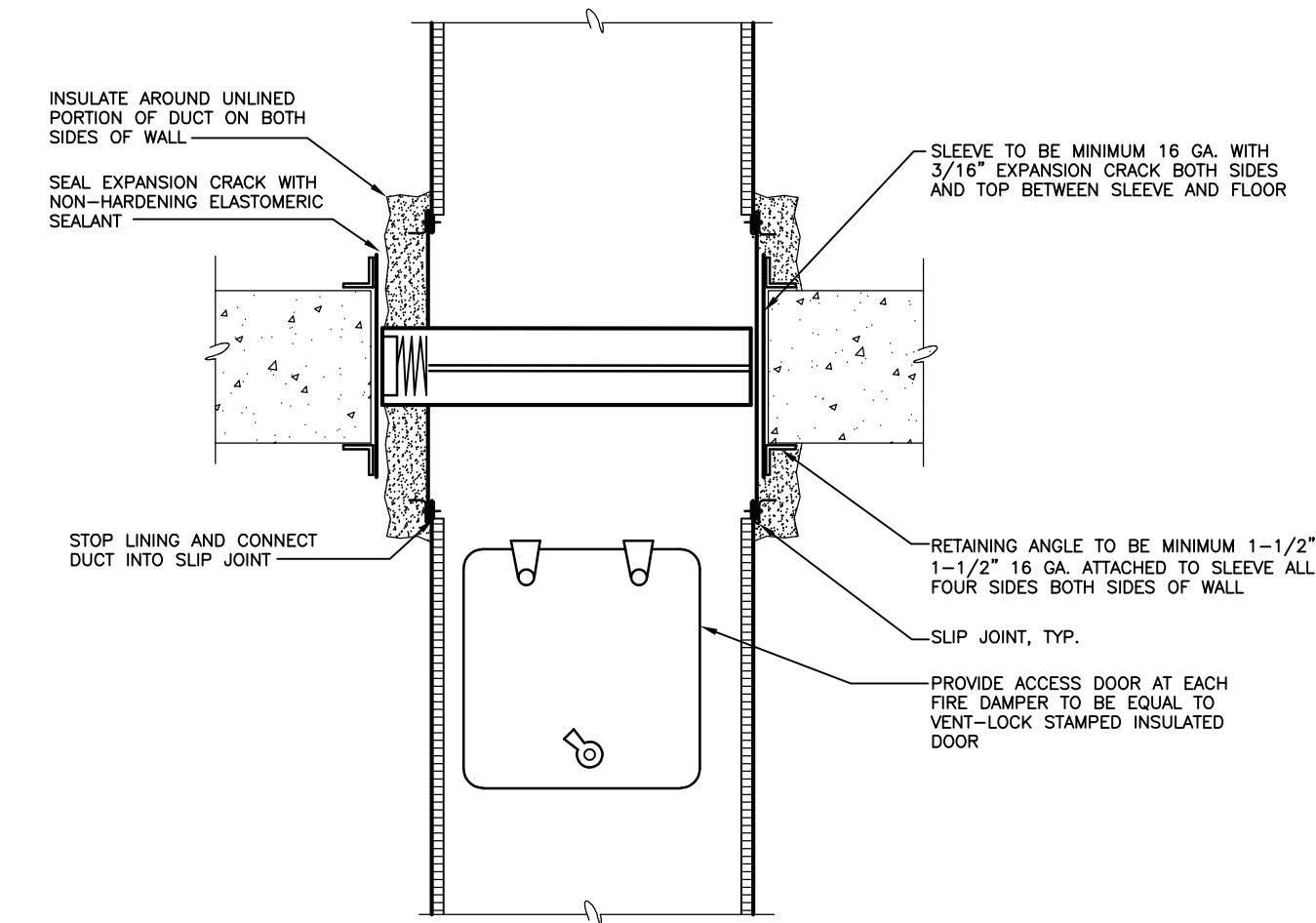
Sheet:
M101



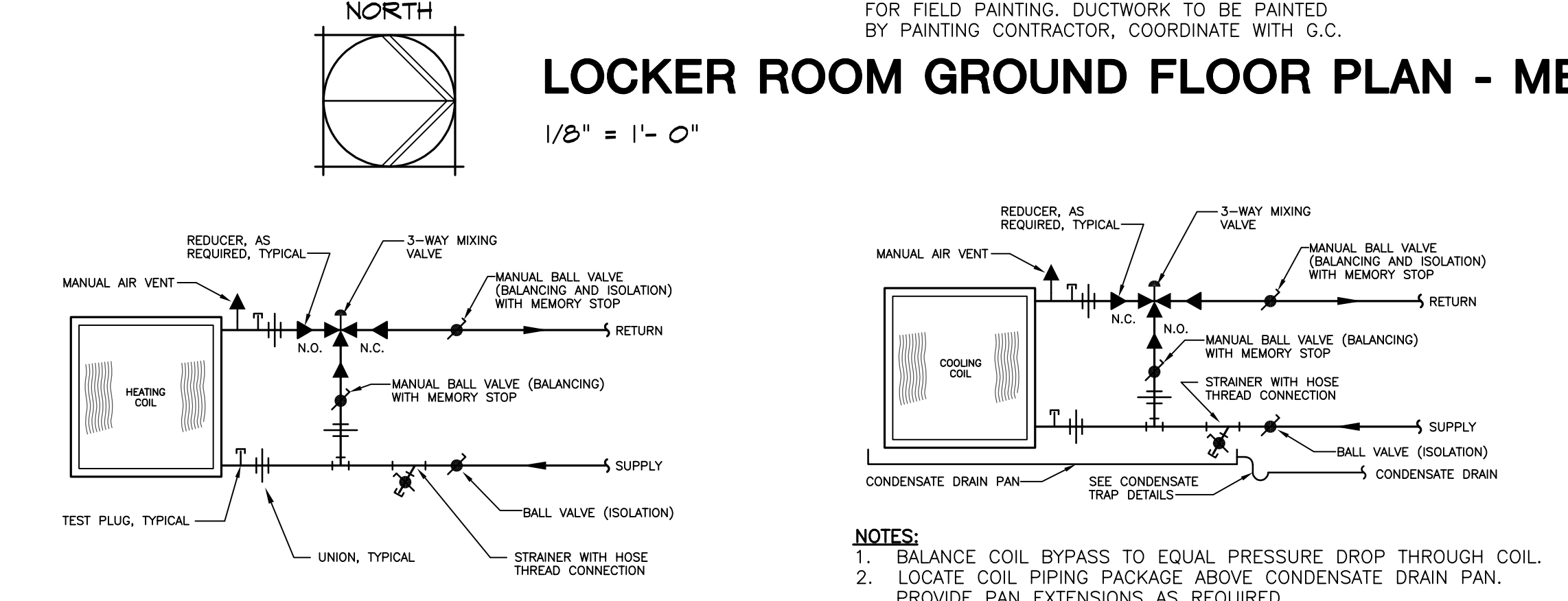
NOTE:
1. PROVIDE EXPOSED DUCTWORK WITH PAINT GRIP FOR FIELD PAINTING. DUCTWORK TO BE PAINTED BY PAINTING CONTRACTOR, COORDINATE WITH G.C.

LOCKER ROOM GROUND FLOOR PLAN - MECHANICAL

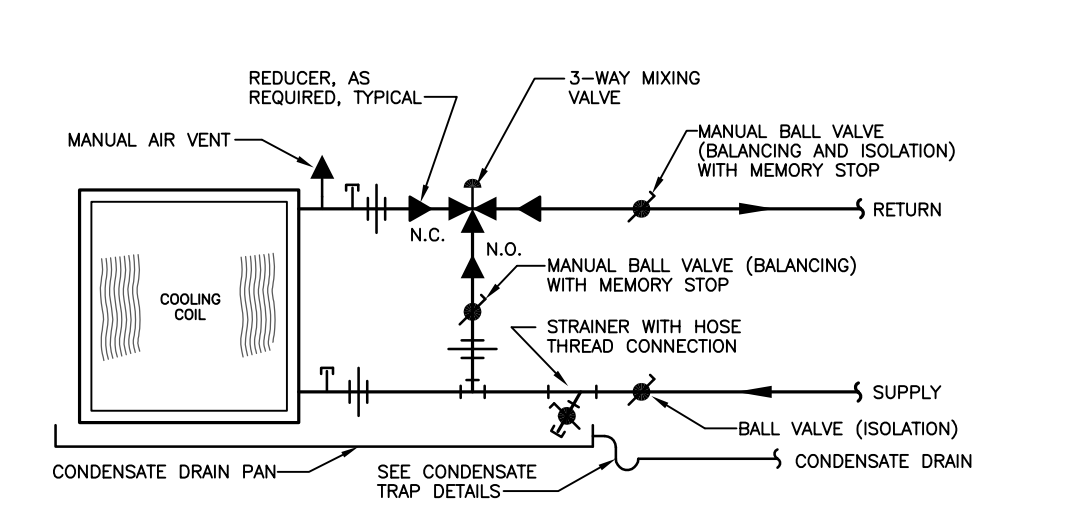
1/8" = 1' - 0"



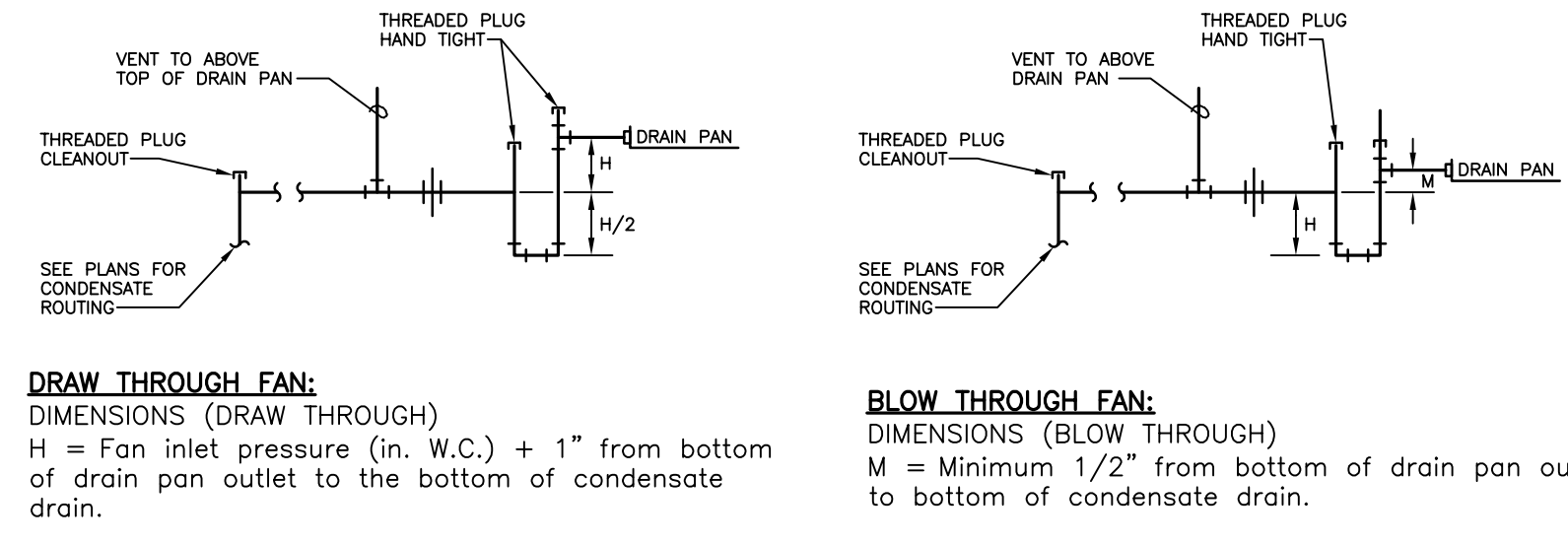
A FIRE DAMPER FLOOR PENETRATION DETAIL
NO SCALE



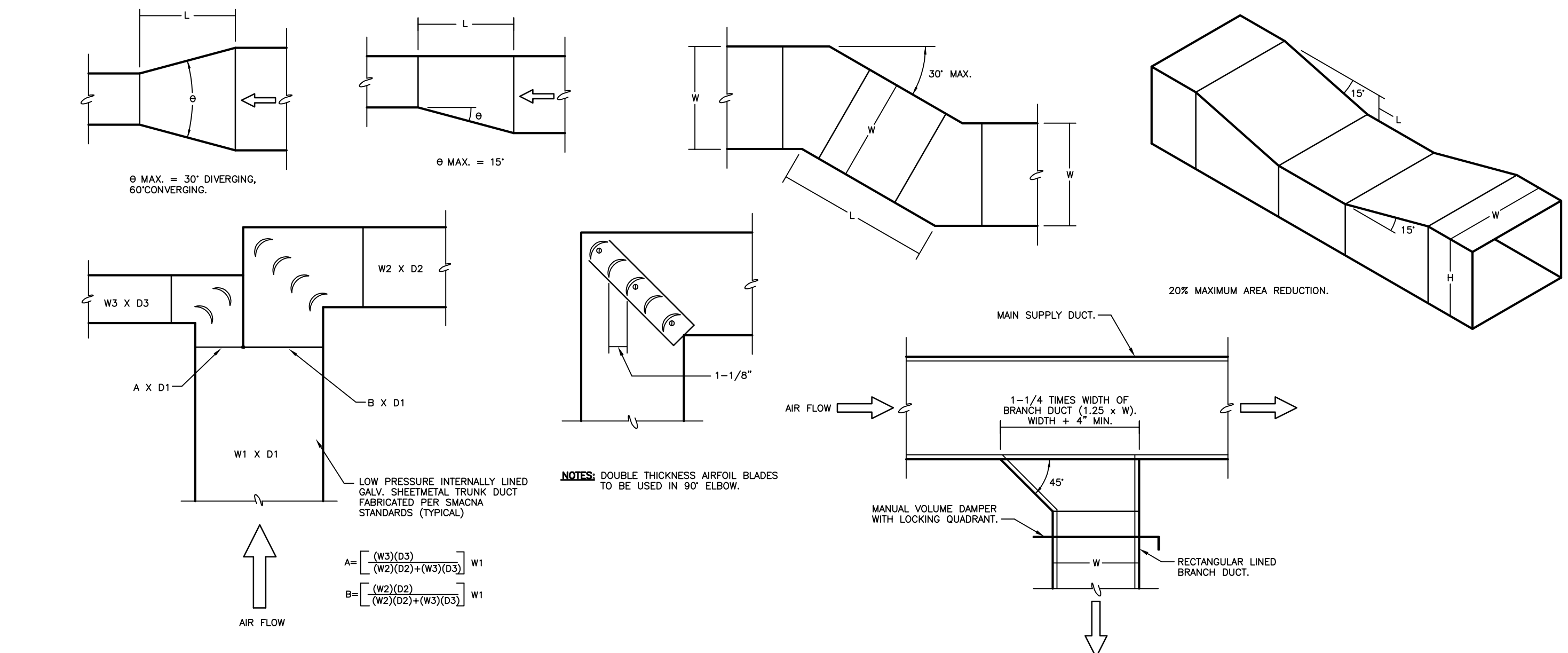
B HOT WATER COIL PIPING DETAIL
NO SCALE



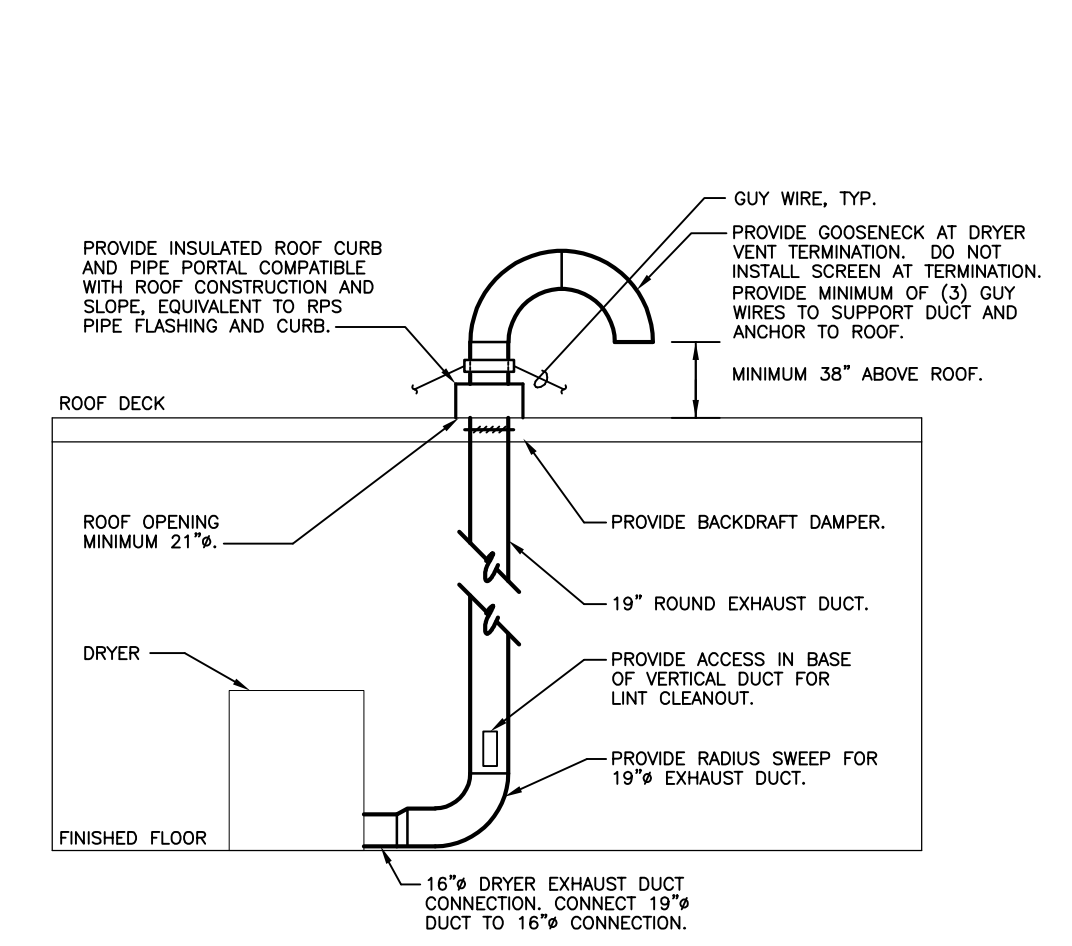
C CHILLED WATER COIL PIPING DETAIL
NO SCALE



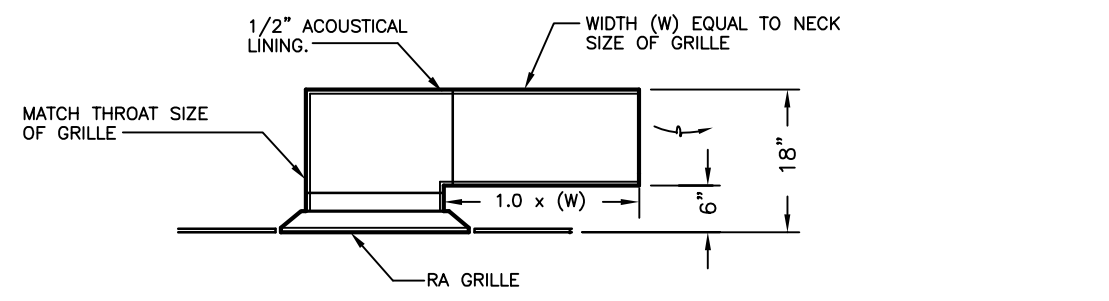
D CONDENSATE TRAP DETAILS
NO SCALE



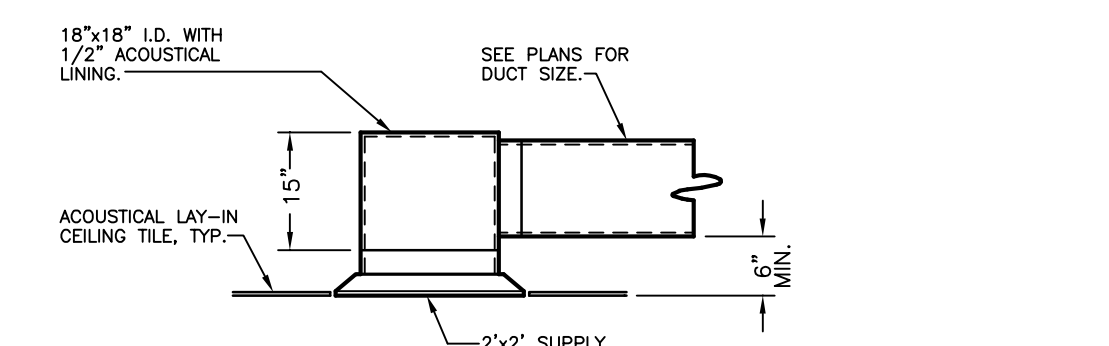
E DUCT CONSTRUCTION DETAIL
NO SCALE



F DRYER EXHAUST DUCT DETAIL
NO SCALE



G RETURN AIR BOOT DETAIL
NO SCALE



H SUPPLY DIFFUSER WITH PLENUM
NO SCALE

For Pricing Only - Not For Construction - 3/16/18

Job No. 15011-1
OSE ORAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas
Copyright © Orazem & Scalora Engineering, P.A. 2018

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

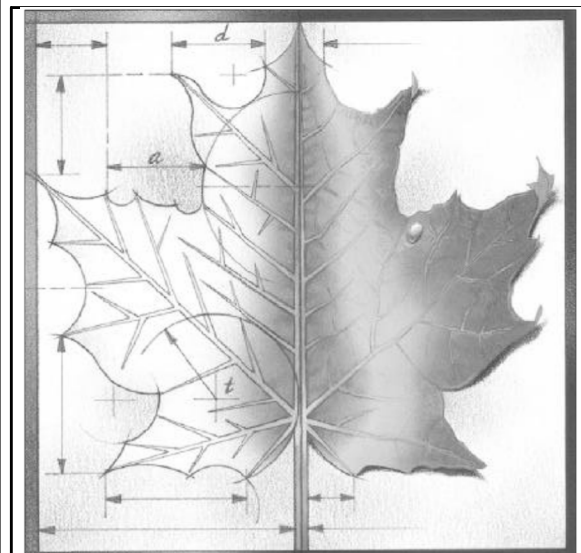
Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected, include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.

| REVISIONS: | |
|------------|--|
| | |
| | |
| | |
| | |
| | |

Project Number: **16036**
Date: **03/16/18**
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS
Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

LOCKER ROOM MECHANICAL PLAN

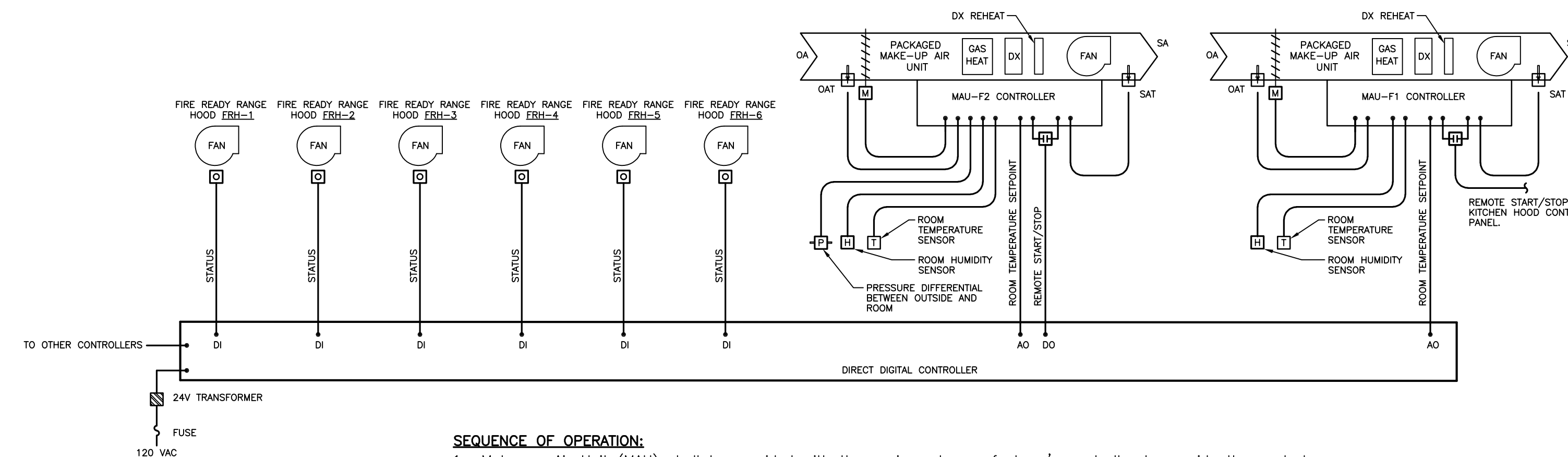
Sheet Title:
M102
Sheet:
M102
Of:



BBN

BBN ARCHITECTS INC
228 FOYNTZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

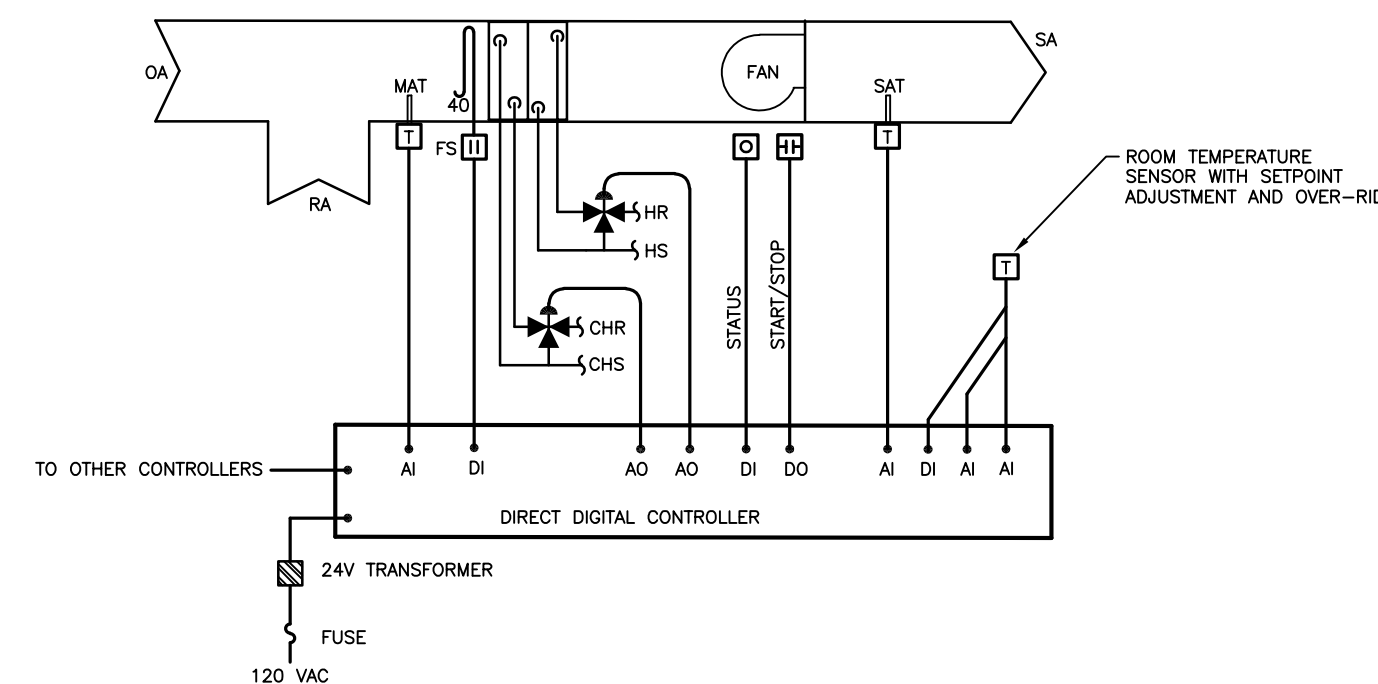
Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing hereon constitute the original and unqualified work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.



SEQUENCE OF OPERATION:

- Make-up Air Unit (MAU) shall be provided with the equipment manufacturer's controller to provide the control sequences as described in the MAU Specification. Control devices connected to the MAU controller shall be provided with the MAU. Building Controls Supplier shall supply the following inputs to the MAU controller.
 - Space temperature setpoint from Blower Coil BC-3.
 - Remote Start/Stop for MAU-F2 (MAU-F1 remote start/stop by kitchen hood control panel).
- Heating: Sequenced by internal MAU controller to maintain space temperature setpoint.
- Cooling: Sequenced by internal MAU controller to maintain space temperature setpoint.
- Dehumidification: Sequenced by internal MAU controller to maintain humidity setpoint.

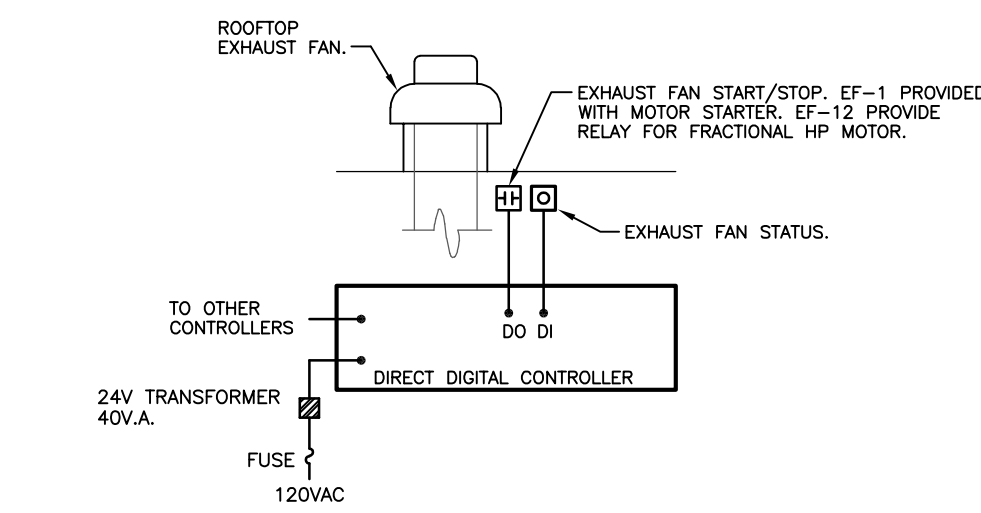
A FACS ROOM HVAC CONTROL DIAGRAM
NO SCALE



SEQUENCE OF OPERATION:

- Unit shall cycle from occupied to unoccupied operation based on the schedule of Locker Room Exhaust Fan EF-12.
 - Run fan during occupied periods.
 - Cycle fan during unoccupied periods to maintain setback temperature setpoint.
- Heating: Modulate the heating water valve to maintain the space temperature setpoint.
- Cooling: Modulate the chilled water valve to maintain the space temperature setpoint.
- Ventilation: See Locker Room Exhaust Fan Control Diagram.
- Over-ride: During unoccupied operation the unit shall change to occupied operation for a duration of 1-hour (adj.) upon activation of the room temperature sensor over-ride button. Over-ride shall also put Locker Room Exhaust Fan EF-12 into occupied operation.
- Alarms: All room temperature outside of user defined limits, fan failure, freeze-stat, deviation of any temperature from setpoint for an adjustable time span.

C BLOWER COIL BC-1 AND BC-2 CONTROL DIAGRAM
NO SCALE

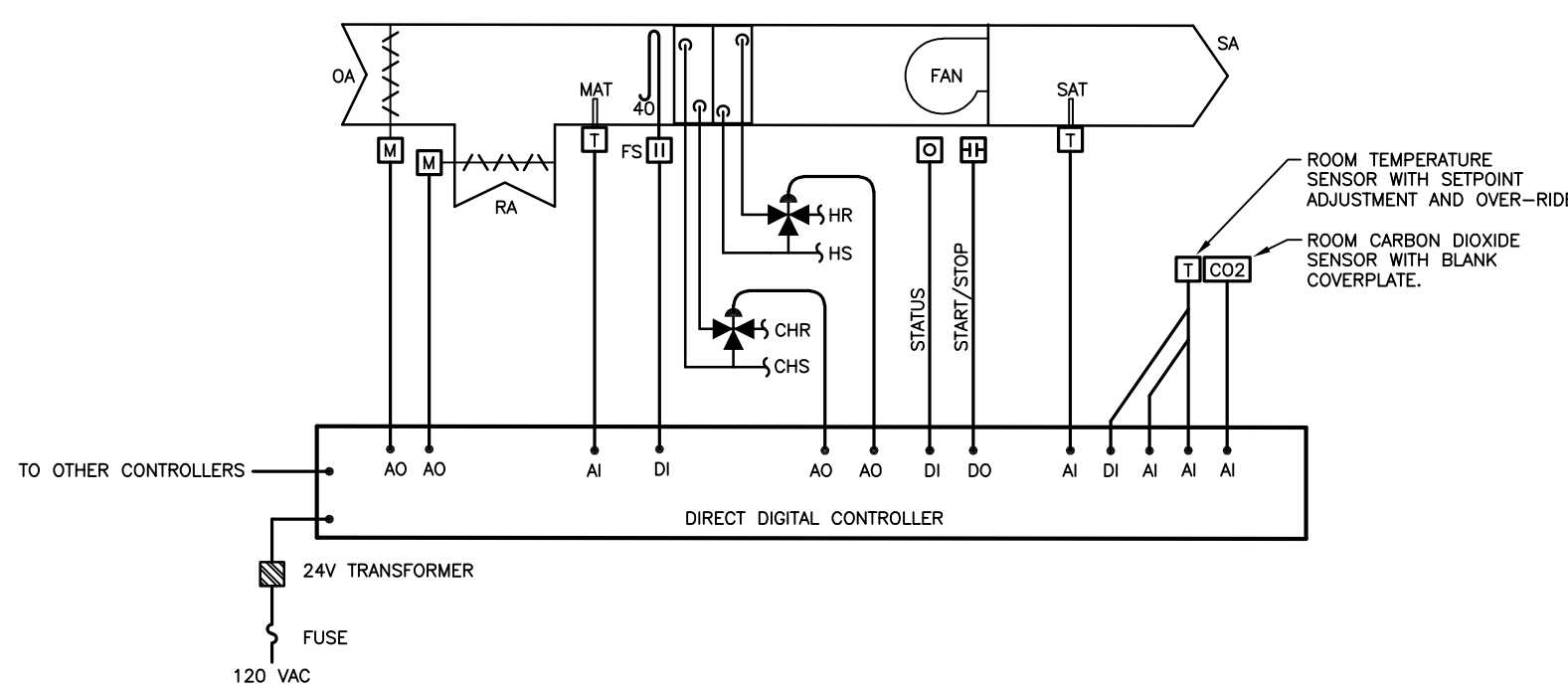


NOTE: Exhaust Fan EF-1 is a new exhaust fan to replace an existing exhaust fan. The existing building controls serving the original exhaust fan shall be reconnected to EF-1. Contractor to verify existing controls and sequence and provide additional control components and programming to execute the sequence below and maintain existing gymnasium RTU interlocks.

SEQUENCE OF OPERATION:

- Unit shall cycle from occupied to unoccupied operation based on an individual time schedule.
 - Run fan during occupied periods.
 - Interlock occupied/unoccupied operation with associated Locker Room Blower Coils and Fan Coil Units, see Blower Coil and Fan Coil Unit Control Diagrams.
- Ventilation: Open outside air damper during occupied periods, see plans for location.
- Over-ride: See Blower Coil and Fan Coil Unit Control Diagrams.
- Alarms: Fan failure.

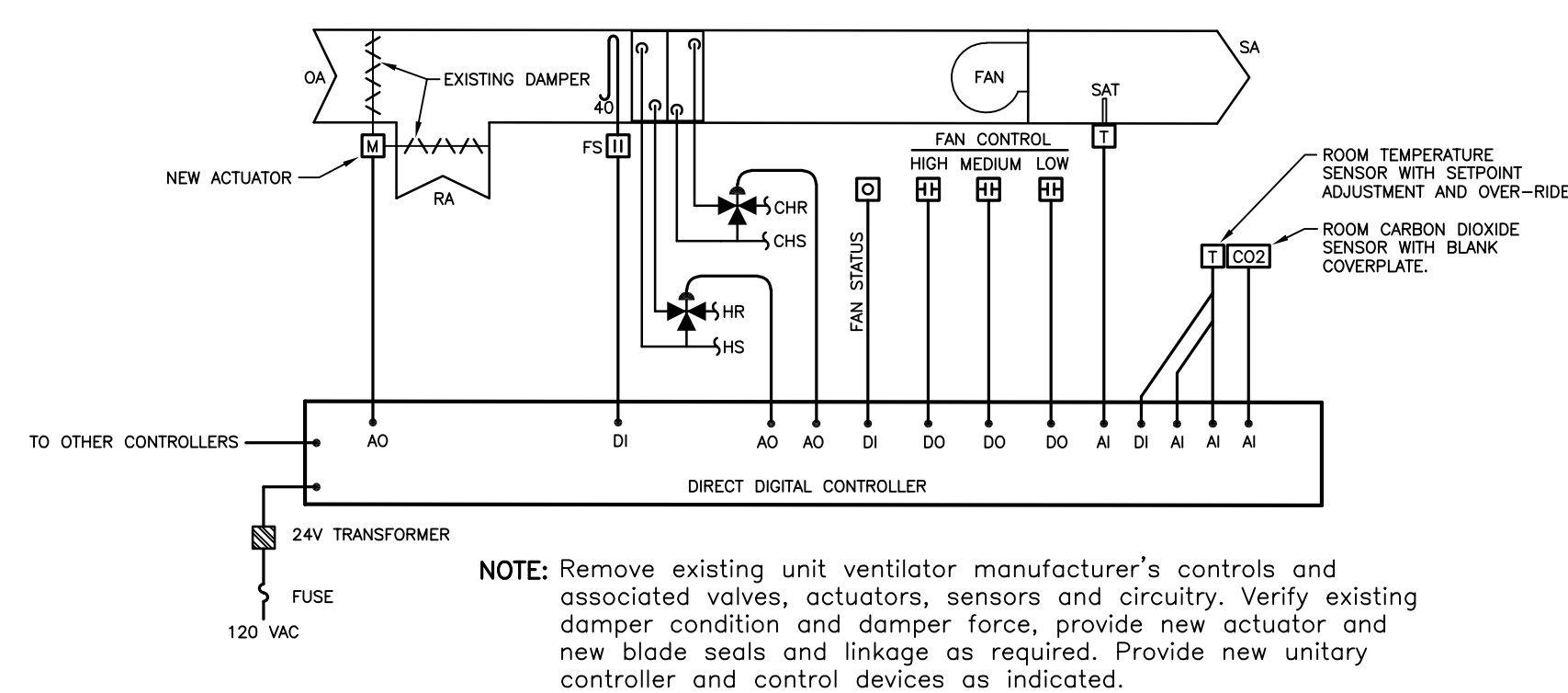
D LOCKER ROOM EXHAUST FAN CONTROL DIAGRAM
NO SCALE



SEQUENCE OF OPERATION:

- Unit shall cycle from occupied to unoccupied operation based on an individual time schedule.
 - Run fan during occupied periods.
 - Close outside air damper and cycle fan during unoccupied periods to maintain setback temperature setpoint.
 - Interlock occupied/unoccupied operation with associated duct heater see duct heater control diagram and floor plans.
- Heating: Modulate the heating water valve to maintain the space temperature setpoint.
- Cooling: Modulate the chilled water valve to maintain the space temperature setpoint.
- Ventilation: During occupied operation open outside air damper to provide minimum scheduled outside air volumes. Modulate outside air damper between minimum and maximum scheduled outside air volumes to maintain the CO2 setpoint (adj.), initially set at 1,000 ppm. See equipment schedules for minimum and maximum outside air volumes.
- Over-ride: During unoccupied operation the unit shall change to occupied operation for a duration of 1-hour (adj.) upon activation of the room temperature sensor over-ride button.
- Alarms: All room temperature outside of user defined limits, fan failure, freeze-stat, deviation of any temperature from setpoint for an adjustable time span.

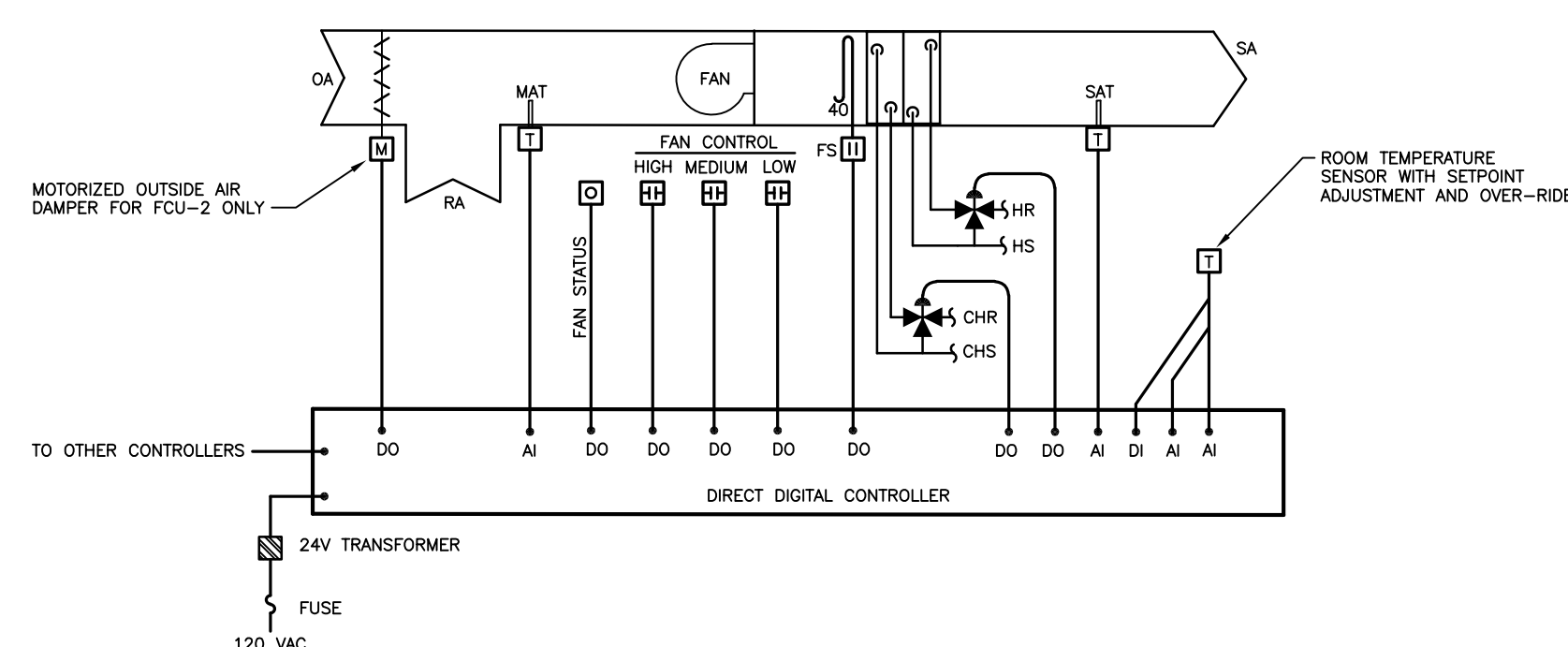
B BLOWER COIL BC-3 CONTROL DIAGRAM
NO SCALE



SEQUENCE OF OPERATION:

- Unit shall cycle from occupied to unoccupied operation based on an individual time schedule.
 - Run fan during occupied periods.
 - Close outside air damper and cycle fan during unoccupied periods to maintain setback temperature setpoint.
 - Interlock occupied/unoccupied operation with associated duct heater see duct heater control diagram and floor plans.
- Heating: Modulate the heating water valve and sequence the fan speed to maintain the space temperature setpoint.
- Cooling: Modulate the chilled water valve and sequence the fan speed to maintain the space temperature setpoint.
- Ventilation: During occupied operation open outside air damper to provide minimum scheduled outside air volumes. Modulate outside air damper between minimum and maximum scheduled outside air volumes to maintain the CO2 setpoint (adj.), initially set at 1,000 ppm. See floor plans for minimum and maximum outside air volumes. The maximum ventilation rate shall be set in conjunction with the test and balance contractor and damper position shall be indexed to provide the scheduled value at each fan speed.
- Over-ride: During unoccupied operation the unit shall change to occupied operation for a duration of 1-hour (adj.) upon activation of the room temperature sensor over-ride button.
- Alarms: All room temperature outside of user defined limits, fan failure, freeze-stat, deviation of any temperature from setpoint for an adjustable time span.

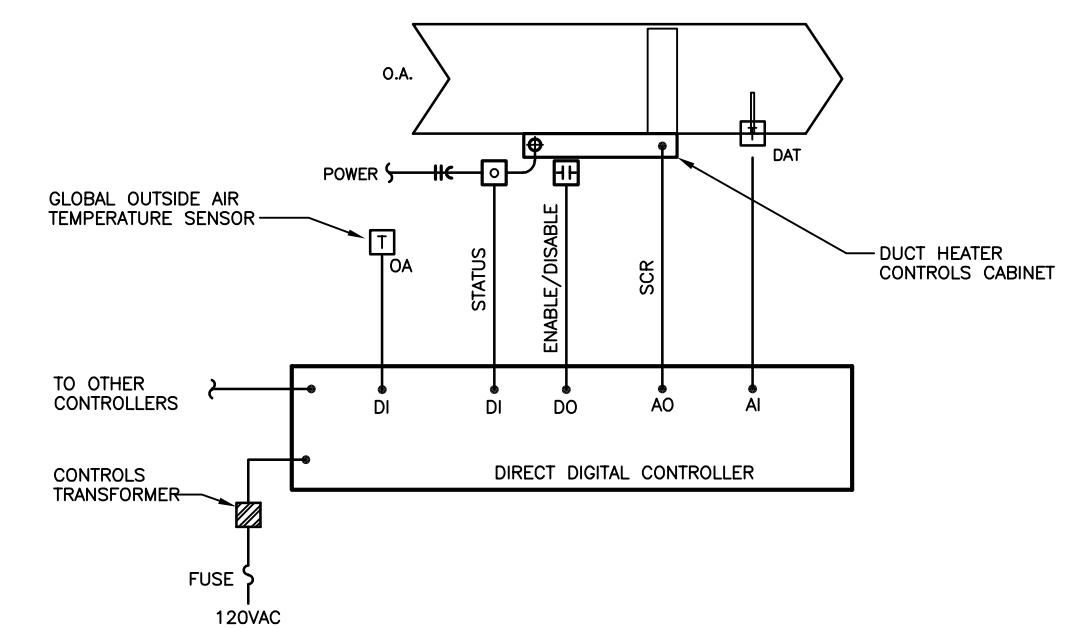
F UNIT VENTILATOR CONTROL DIAGRAM
NO SCALE



SEQUENCE OF OPERATION:

- Unit shall cycle from occupied to unoccupied operation.
 - FCU-1 shall be based on the schedule of Locker Room Exhaust Fan EF-1.
 - FCU-2 shall be based on an individual time schedule.
 - Run fan during occupied periods.
 - Cycle fan during unoccupied periods to maintain setback temperature setpoint.
- Heating: Modulate the heating water valve and sequence the fan to maintain the space temperature setpoint.
- Cooling: Modulate the chilled water valve and sequence the fan to maintain the space temperature setpoint.
- Ventilation:
 - FCU-1: No outside air provisions.
 - FCU-2: During occupied operation open outside air damper to provide scheduled outside air volumes. The maximum ventilation rate shall be set in conjunction with the test and balance contractor and damper position shall be indexed to provide the scheduled value at each fan speed.
- Over-ride:
 - FCU-1: During unoccupied operation the unit shall change to occupied operation for a duration of 1-hour (adj.) upon activation of the room temperature sensor over-ride button. Over-ride shall also put Locker Room Exhaust Fan EF-1 into occupied operation.
 - FCU-2: During unoccupied operation the unit shall change to occupied operation for a duration of 1-hour (adj.) upon activation of the room temperature sensor over-ride button.
- Alarms: All room temperature outside of user defined limits, fan failure, freeze-stat, deviation of any temperature from setpoint for an adjustable time span.

E FAN COIL UNIT CONTROL DIAGRAM
NO SCALE



SEQUENCE OF OPERATION:

- Duct heater shall be enabled and disabled based on the occupancy schedule of the air handling equipment served. Enable duct heater during occupied periods when outside air temperature is less than 50 degrees F (adj.).
- Duct heater is provided with a fan flow safety switch to enable operation. Fan flow switch shall remain and shall not trigger an alarm when preventing duct heater operation.
- Modulate duct heater to maintain a 45 degree F (adj.) discharge air temperature.
- Alarms: discharge air temperature less than 40 degrees F (adj.), failure to start.

G DUCT HEATER CONTROL DIAGRAM
NO SCALE

A

B

C

D

| REVISIONS: |
|------------|
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

Project Number: **16036**

Date: **03/16/18**

Project Name:

USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:

MECHANICAL DETAILS

Sheet: **M103**

Of:

For Pricing Only - Not For Construction - 3/16/18

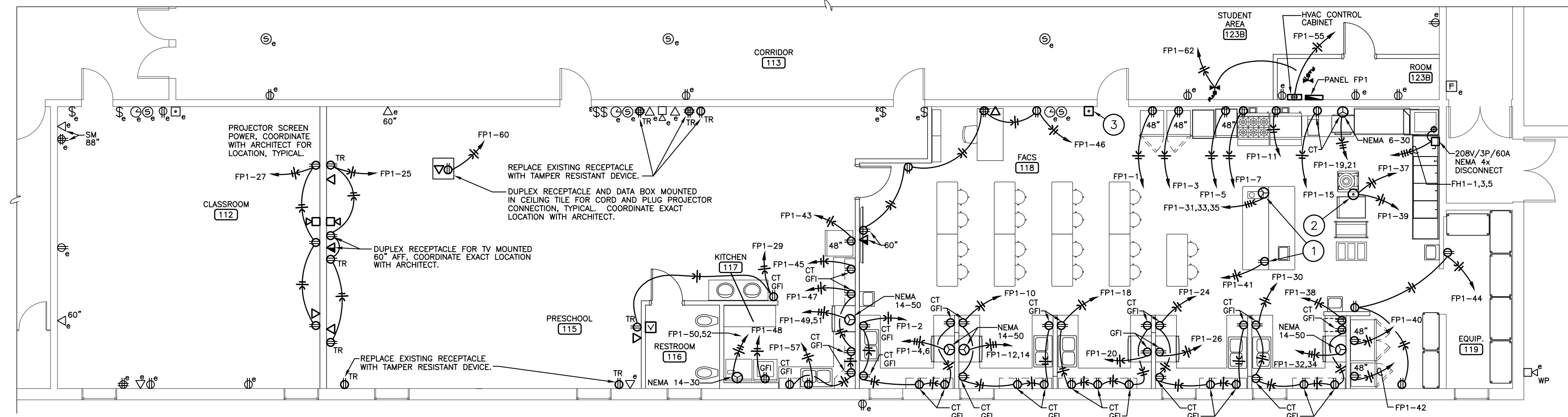
OSE OZAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas

Job No. 15011-1

Copyright © Ozazem & Scalora Engineering, P.A. 2018

ELECTRICAL NOTES BY SYMBOL:

- 1 ROUTE CIRCUITRY BELOW FLOOR AND PROVIDE CONDUIT RISER ATTACHED TO TABLE LEG WITH JUNCTION BOX AND RECEPTACLE INSTALLED BELOW TABLE TOP.
- 2 PROVIDE IN FLOOR JUNCTION BOX WITH (2) DUPLEX RECEPTACLE AND METAL IN-USE COVER EQUIVALENT TO WIREMOLD EVOLUTION SERIES.
- 3 PROVIDE RED, MAINTAINED PUSHBUTTON WITH 24 VAC LED ILLUMINATION AND NO/NC CONTACTS WITH STAINLESS STEEL COVER PLATE EQUIVALENT TO SQUARE D 9001KR9P1 FOR EMERGENCY NATURAL GAS SHUT-OFF. PROVIDE CIRCUITRY TO GAS FUEL SOLENOID VALVE, SEE PLUMBING PLAN FOR LOCATION AND COORDINATE WITH PLUMBING CONTRACTOR. PROVIDE PUSHBUTTON WITH ENGRAVED SIGN THAT READS "EMERGENCY GAS SHUT-OFF".

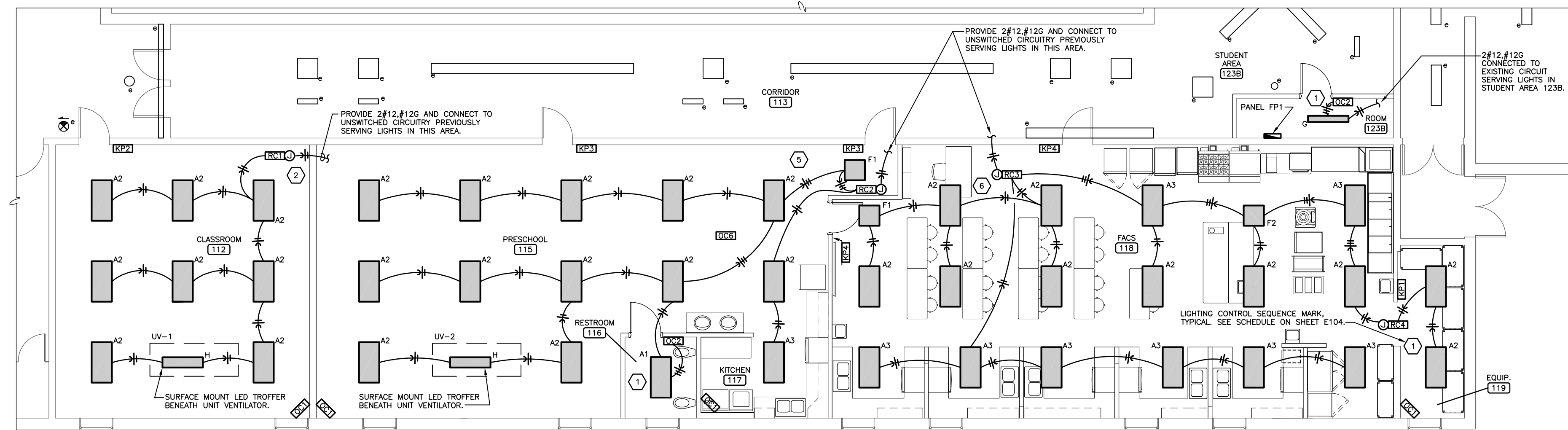


FACS ROOM GROUND FLOOR PLAN - POWER AND FIRE ALARM

1/8" = 1'-0"

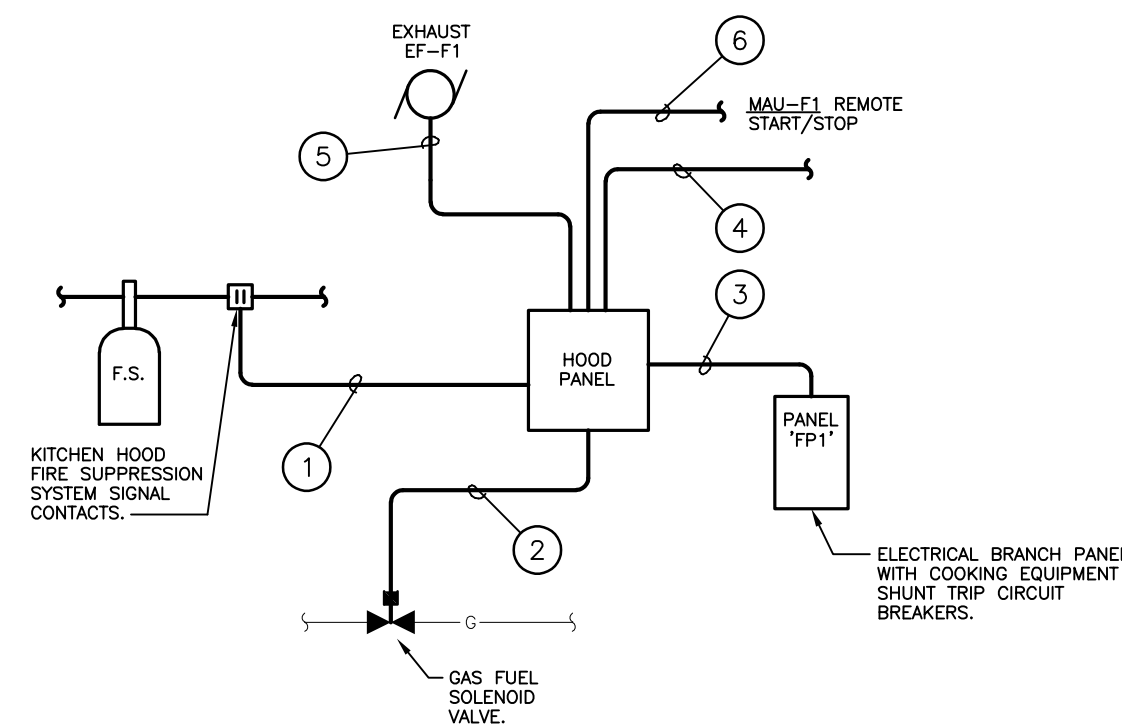
FIRE ALARM SYSTEM NOTES

- 1. The existing building is presently equipped with a Notifier NFS-640 fire alarm system. The fire alarm system shall be extended to accommodate the indicated new devices and appliances.
- 2. Provide all equipment, circuitry, installation labor and programming for a complete and fully functional system in accordance with the local building codes and the supplying manufacturer's recommendations.
- 3. Equipment and accessories furnished for this system shall be the standard products of the supplying manufacturer, equivalent to the product of the Notifier Company, and shall be compatible with the existing fire alarm system. All new equipment shall be U.L. listed.
- 4. Field verify all existing circuitry and verify new circuiting requirements with equipment manufacturer. New circuitry shall be in conduit where concealed. Circuitry above accessible ceilings may be plenum rated cable.
- 5. At completion of system, test all new or relocated fire alarm devices. Testing shall be in accordance with NFPA 72, and shall be conducted in the presence of the Owner's representative, a representative of the local fire department, and a representative of the fire alarm equipment manufacturer.
- 6. When required by the Kansas State Fire Marshal's Office provide documentation including fire alarm shop drawings sealed by a Kansas licensed engineer and submit to the Kansas State Fire Marshal's Office for approval in accordance with the Kansas Fire Prevention Code.



FACS ROOM GROUND FLOOR PLAN - LIGHTING

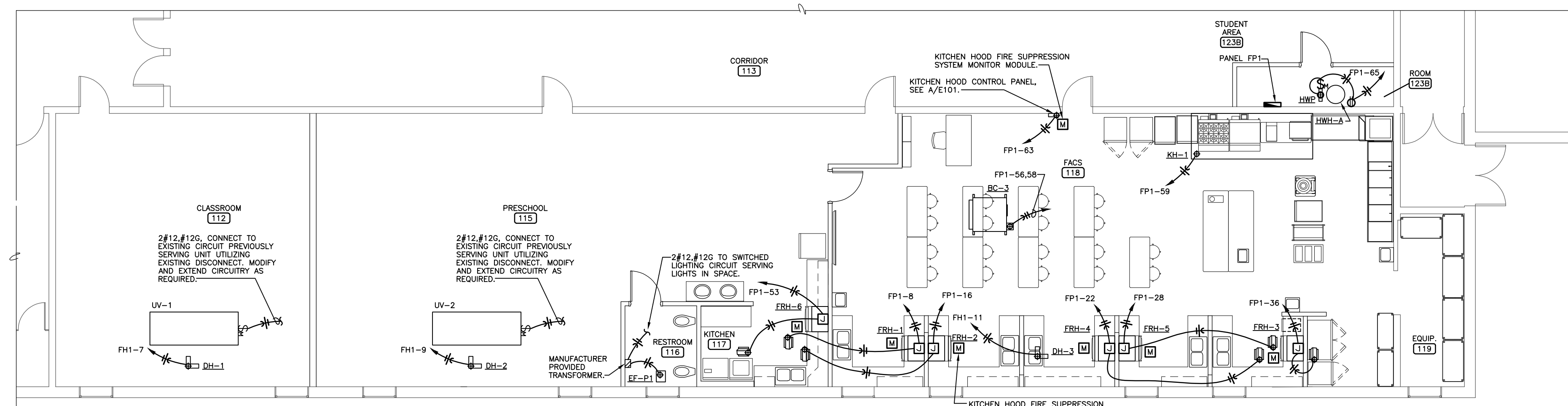
1/8" = 1'-0"



KITCHEN HOOD CONTROL NOTES

- 1. Provide signal circuitry from hood Fire Suppression system contacts to Hood Panel for signal to shut-down energization of associated components. Provide incidental control relays for contact configuration needed for multiple signals and voltages. Coordinate number of Fire Suppression signal contacts with system provider.
- 2. Provide control circuitry and interface with suppression system signal to shut fuel gas solenoid valve upon activation of Fire Suppression system. This circuitry is typically 120 VAC. Coordinate exact requirements with Plumbing Contractor.
- 3. Provide 120 VAC circuitry for control power and shunt trip from Hood Panel to Electrical Branch Panel. The shunt trip circuit breakers are to be operated upon activation of Fire Suppression system.
- 4. Provide additional circuitry and interface components for incidental equipment and systems associated with hood safety operation.
- 5. Provide wiring of Exhaust Fan and Make-up air unit components to hood control panel. Coordinate requirements with Mechanical Contractor.
- 6. Provide wiring of remote start/stop to MAU=F1 controller. Provide wiring of MAU shut-down upon activation of the hood fire suppression system. Coordinate requirements with Mechanical Contractor.

A KITCHEN HOOD CONTROL DETAIL
NO SCALE



FACS ROOM GROUND FLOOR PLAN - HVAC POWER

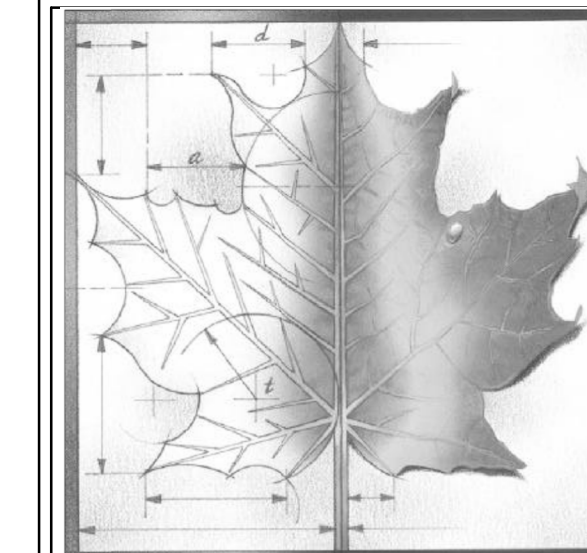
1/8" = 1'-0"

For Pricing Only - Not
For Construction - 3/16/18

OSE OZAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas

Job No. 15011-1

Copyright © Ozazem & Scalora Engineering, P.A. 2018



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.

| REVISIONS: |
|------------|
| |
| |
| |
| |
| |
| |

Project Number: **16036**

Date: **03/16/18**

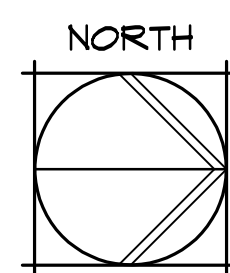
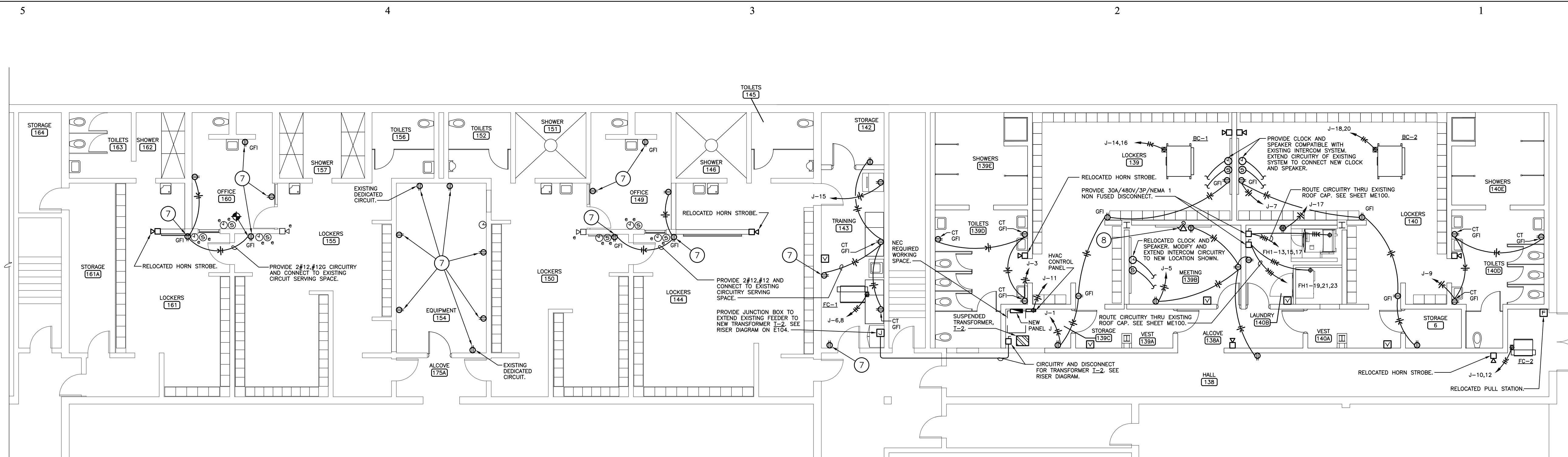
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
FACS ROOM ELECTRICAL PLANS

Sheet:
E101

Of:

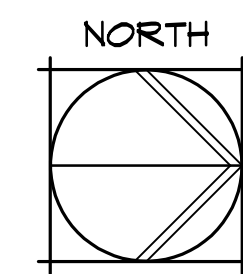
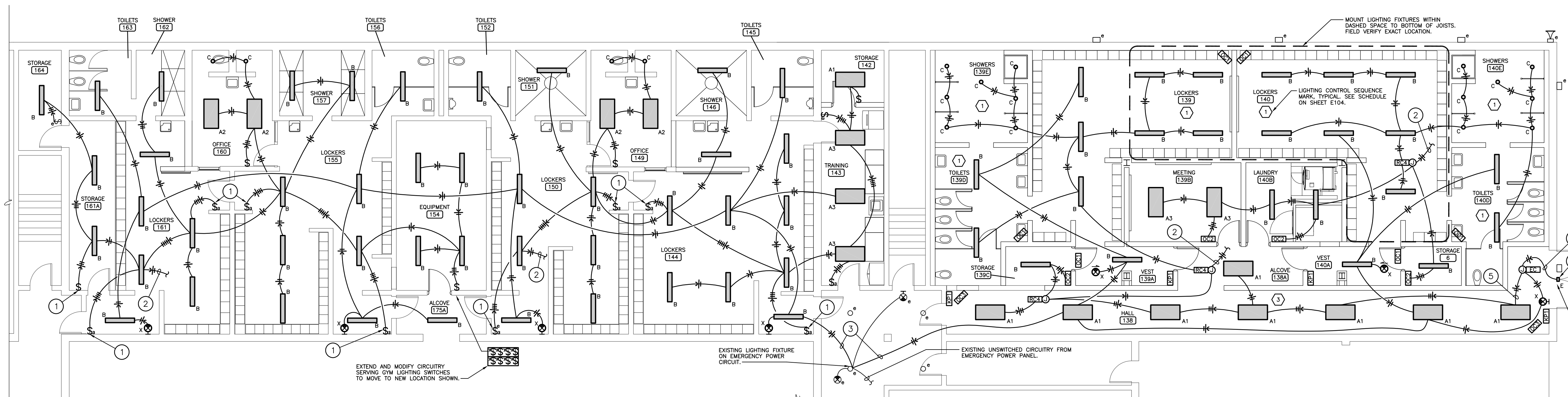


LOCKER ROOM GROUND FLOOR PLAN - POWER AND FIRE ALARM

1/8" = 1'-0"

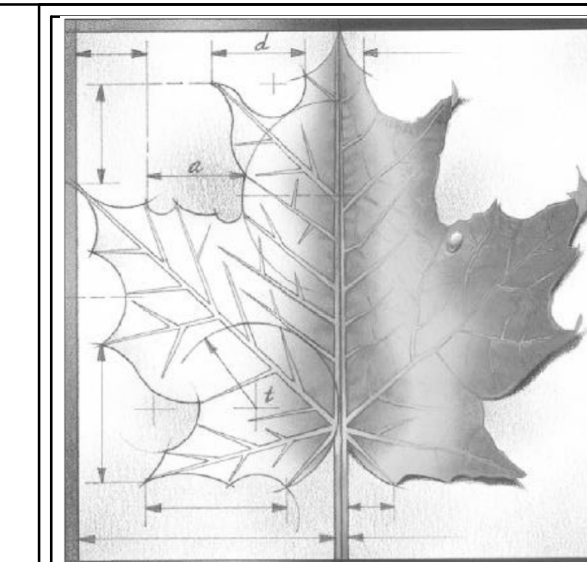
ELECTRICAL NOTES BY SYMBOL

- 1 PROVIDE NEW SWITCH AND COVERPLATE. INSTALL IN EXISTING RECESSED WALL BOX AND CONNECT WITH NEW CIRCUITRY.
- 2 PROVIDE 2#12, #12G CIRCUITRY AND CONNECT TO EXISTING CIRCUIT SERVING LIGHTING FIXTURES IN SPACE.
- 3 PROVIDE 2#12, #12G CIRCUITRY AND CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT.
- 4 MOUNT FIXTURE AT 8'-9" ABOVE FINISHED GRADE. UTILIZE EXISTING JUNCTION BOX LOCATION.
- 5 UNSWITCHED NON EMERGENCY POWER TO EMERGENCY LIGHTING CONTROLLER.
- 6 SWITCHED EMERGENCY POWER THRU EMERGENCY LIGHTING CONTROLLER.
- 7 PROVIDE NEW DEVICE. INSTALL IN EXISTING RECESSED WALL BOX AND CONNECT TO EXISTING CIRCUITRY. PROVIDE NEW COVERPLATE.
- 8 PROVIDE EMPTY 3/4" EMT CONDUIT CONCEALED IN WALL TO ABOVE LAY-IN CEILING. TERMINATE WITH SWEEP AND SMOOTH BUSHING.



LOCKER ROOM GROUND FLOOR PLAN - LIGHTING

1/8" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.

| REVISIONS: | |
|------------|--|
| △ | |
| △ | |
| △ | |
| △ | |
| △ | |

Project Number: **16036**
Date: **03/16/18**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
LOCKER ROOM ELECTRICAL PLANS

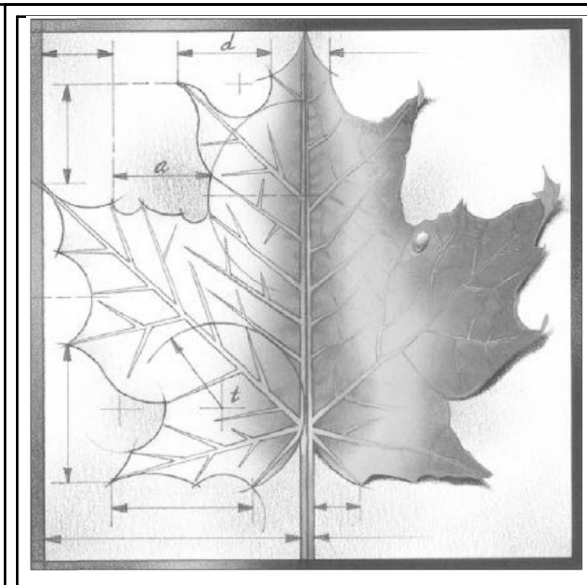
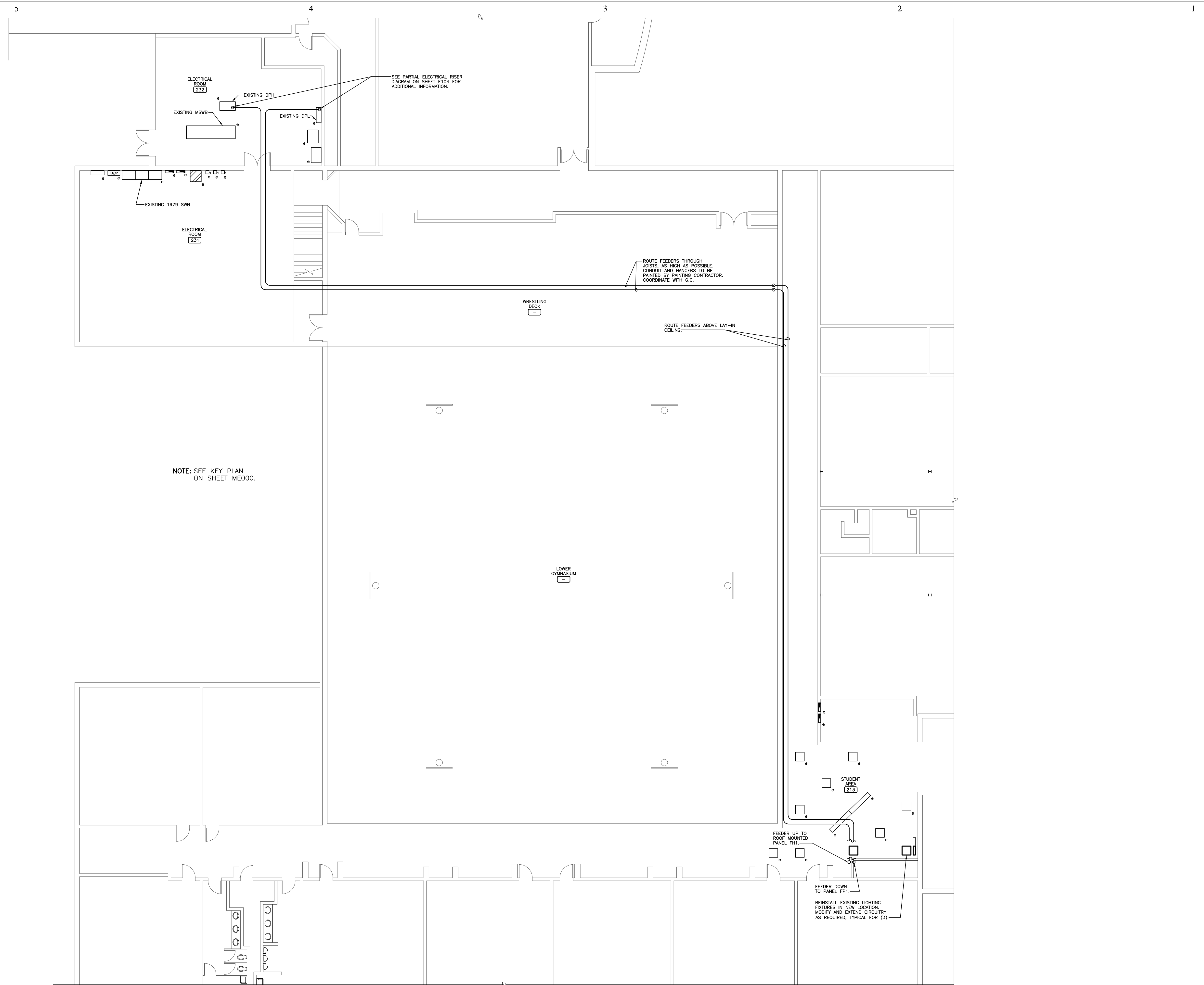
Sheet:
E102

For Pricing Only - Not For Construction - 3/16/18

OSE ORAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas

Job No. 15011-1

Copyright © Orazem & Scalora Engineering, P.A. 2018



BBN

BBN ARCHITECTS INC
 228 FOYNTZ AVENUE
 MANHATTAN, KS 66502
 PH: 785-776-4912
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
 © BBN Architects, Inc.

| REVISIONS: | |
|------------|--|
| △ | |
| △ | |
| △ | |
| △ | |
| △ | |

Project Number: **16036**

Date: **03/16/18**

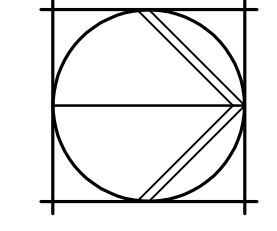
Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
 801 LINCOLN AVENUE
 WAMEGO, KS 66547

Sheet Title:
2ND FLOOR ELECTRICAL PLAN

Sheet:
E103

Of:



SECOND FLOOR PLAN - ELECTRICAL
 3/32" = 1'-0"

For Pricing Only - Not For Construction - 3/16/18

Job No. 15011-1

OSE OZAZEM & SCALORA ENGINEERING, P.A.
 Manhattan, Kansas

Copyright © Ozazem & Scalora Engineering, P.A. 2018

PANELBOARD SCHEDULE

Table with columns: PANEL DESIGNATION, MIN A.I.C., MCB Amps, BUS Amps, ENCL., FEATURES, and a grid of circuit descriptions with conductor and C/B ratings.

PANELBOARD SCHEDULE

Table with columns: PANEL DESIGNATION, MIN A.I.C., MCB Amps, BUS Amps, ENCL., FEATURES, and a grid of circuit descriptions with conductor and C/B ratings.

PANELBOARD SCHEDULE

Table with columns: PANEL DESIGNATION, MIN A.I.C., MCB Amps, BUS Amps, ENCL., FEATURES, and a grid of circuit descriptions with conductor and C/B ratings.

LIGHTING CONTROL DEVICE SCHEDULE

Table with columns: MARK, MANUF., DESCRIPTION, MOUNTING. Lists various lighting control devices like LMDX-100, PW-100, PW-311, LMPX-100, etc.

- NOTES: 1. Install occupancy sensors per manufacturer's recommendations. 2. Provide relays, power supplies, and circuitry for complete operation of sensors. 3. Set time delays...

LIGHTING CONTROL SEQUENCE SCHEDULE

Table with columns: Type, Description. Lists lighting control sequences like Single Zone with Occupancy Sensor, Typical Corridor, Emergency Exit, etc.

- NOTES: 1. See floor plan for quantity and location of occupancy sensors, room controllers, and keypad devices.

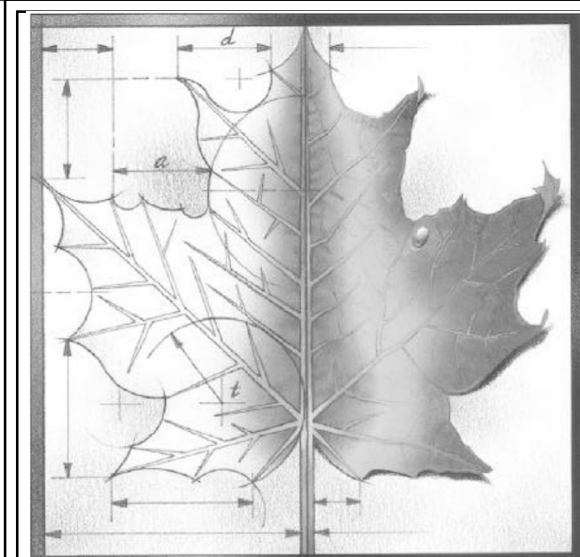
ELECTRICAL EQUIPMENT SCHEDULE

Table with columns: TRANSFORMERS, Mark, KVA, Mounting, Secondary Conductors, GEC. Lists transformer specifications.

LIGHTING FIXTURE SCHEDULE

Table with columns: MARK, SIZE, MANUF., DESCRIPTION, LAMPS. Lists lighting fixtures like Williams Series PT, Spectrum Series R0F6LEDXT, etc.

- NOTES: 1. All fixtures to be provided for 277 volt AC operation unless noted otherwise. 2. Coordinate mounting heights...



BBN ARCHITECTS INC. 228 POYNTZ AVENUE MANHATTAN, KS 66502 PH: 785-776-4912 WWW.BBNARCHITECTS.COM

BBN ARCHITECTS INC. 228 POYNTZ AVENUE MANHATTAN, KS 66502 PH: 785-776-4912 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects.

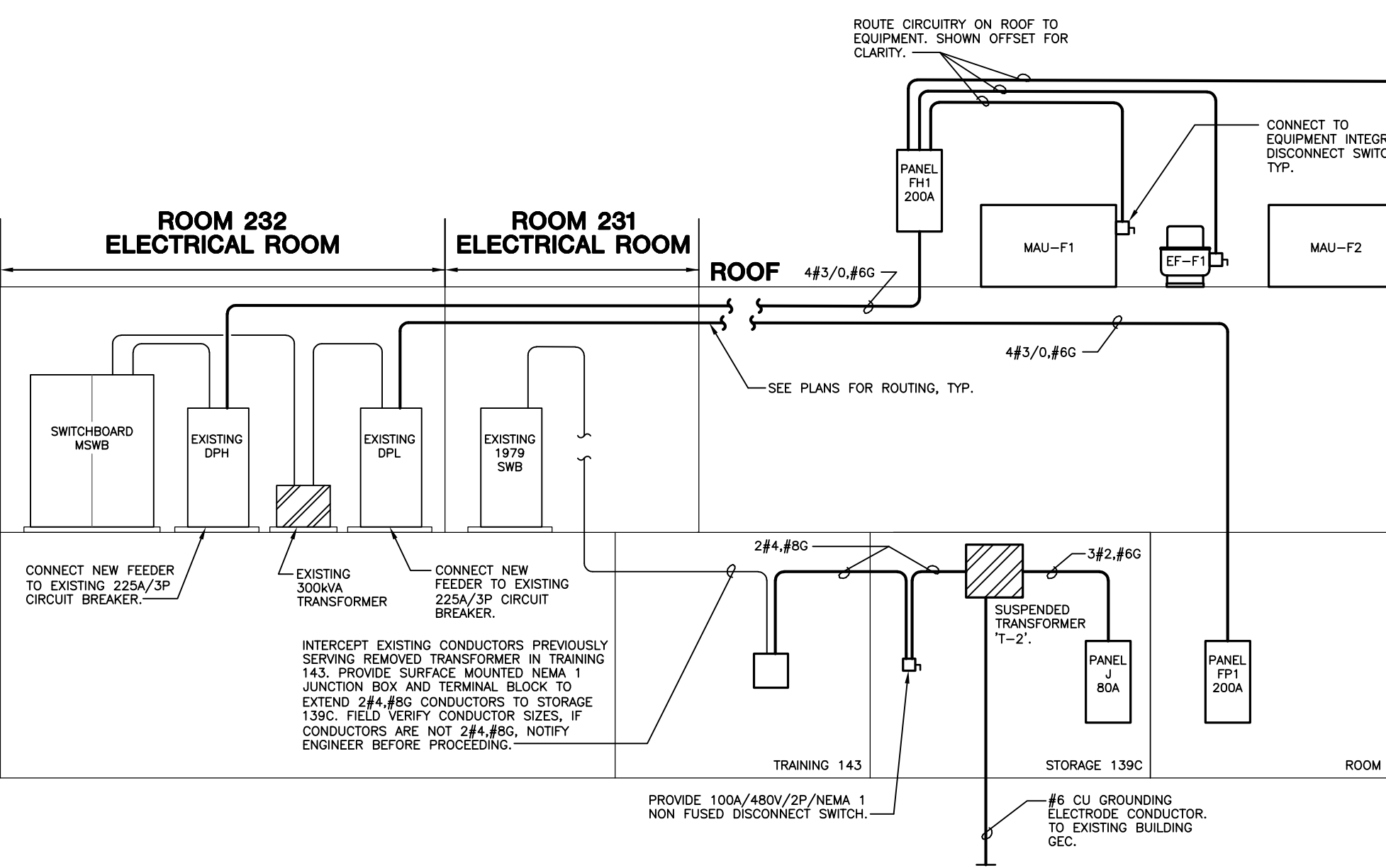


Table with columns: REVISIONS, Description, Date. Lists revision details.

Project Number: 16036

Date: 03/16/18

Project Name: USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address: 801 LINCOLN AVENUE WAMEGO, KS 66547

Sheet Title: ELECTRICAL DETAILS & SCHEDULES

Sheet: E104

Job No. 15011-1

A PARTIAL ELECTRICAL RISER DIAGRAM NO SCALE

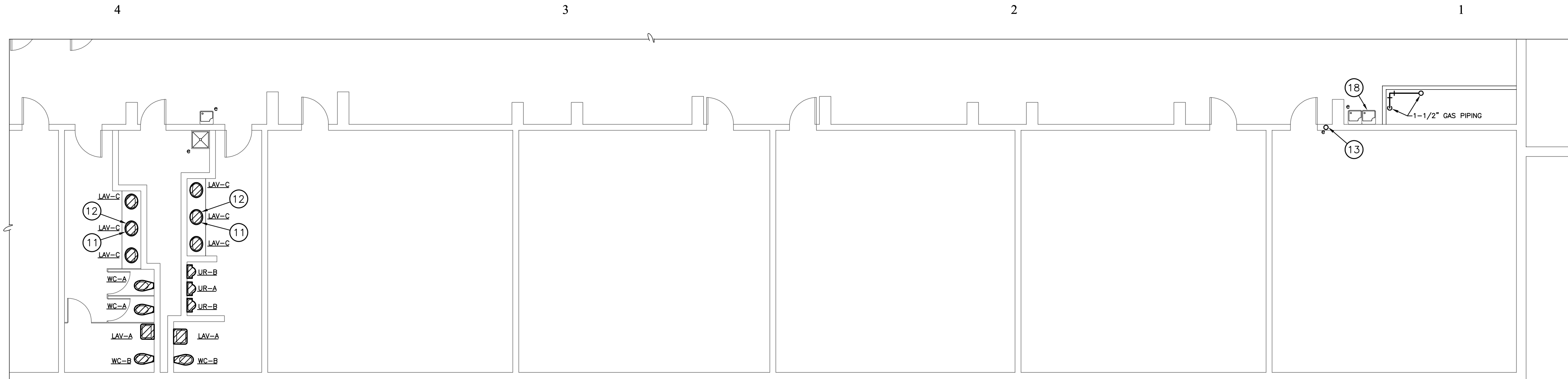
For Pricing Only - Not For Construction - 3/16/18



Copyright © Orazem & Scalora Engineering, P.A. 2018

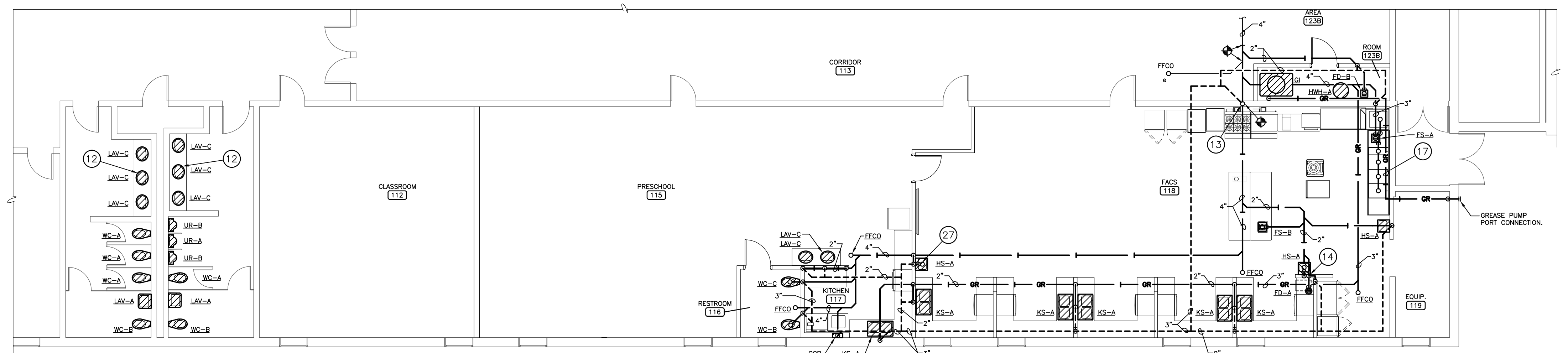
PLUMBING NOTES BY SYMBOL

- 1 1/2" HW AND 1/2" CW DOWN IN WALL, ROUTE CONCEALED IN CASEWORK TO SERVE KS-A AND UNDER COUNTER DISHWASHER IN KITCHEN 117.
- 2 3/4" HW AND 3/4" CW DOWN IN WALL, ROUTE CONCEALED IN CASEWORK TO SERVE (2) KS-A WITH 1/2" HW AND 1/2" CW TO EACH FAUCET.
- 3 3/4" HW AND 3/4" CW DOWN IN WALL, ROUTE CONCEALED IN CASEWORK TO SERVE (2) KS-A AND (1) WORKTABLE SINK. ROUTE 1/2" HW AND 1/2" CW IN FLOOR TO WORKTABLE SINK, PROVIDE 1/2" HW AND 1/2" CW TO EACH KS-A FAUCET.
- 4 1/2" HW AND 1/2" CW DOWN IN WALL, ROUTE CONCEALED IN WALL TO SERVE HANDSINK AND ICE MAKER, SHOWN OFFSET FOR CLARITY.
- 5 3/8" CW TO UNDER COUNTER ICE MAKER. COORDINATE REQUIREMENTS FOR BACKFLOW PREVENTION WITH ICE MAKER SUPPLIER.
- 6 1/2" HW AND 1/2" CW DOWN TO SERVE DISHWASHER. SEE DISHWASHER CONNECTION DETAIL B/P103.
- 7 1/2" HW AND 1/2" CW DOWN TO SERVE BACKSPASH MOUNTED SINK FAUCET.
- 8 1/2" HW AND 1/2" CW DOWN TO SERVE HANDSINK HS-A.
- 9 1/2" HW AND 1/2" CW UP TO SERVE HANDSINK HS-A.
- 10 1/2" HW AND 1/2" CW UP THROUGH FLOOR TO SERVE WORK SINK.
- 11 NEW PLUMBING FIXTURE TO BE CONNECTED TO EXISTING DOMESTIC WATER ROUGH-INS. MODIFY WATER CONNECTIONS AS REQUIRED FOR NEW PLUMBING FIXTURE, TYPICAL FOR THIS ROOM.
- 12 NEW PLUMBING FIXTURE TO BE CONNECTED TO EXISTING WASTE ROUGH-INS. MODIFY WASTE CONNECTIONS AS REQUIRED FOR NEW PLUMBING FIXTURE, TYPICAL THIS ROOM.
- 13 4" EXISTING WASTE VENT STACK UP TO ROOF.
- 14 2" CIRCUIT VENT DOWN TO SERVE HAND SINK, FD-A, AND FS-B.
- 15 3/4" HW AND 3/4" CW DOWN TO SERVE BACKSPASH MOUNTED PRERINSE FAUCET.
- 16 INSTALL SHOCK ARRESTOR IN ACCESSIBLE LOCATION ABOVE LAY-IN CEILING.
- 17 3" PVC ABOVE GRADE PIPING FOR GREASE INTERCEPTOR REMOTE PUMPOUT PORT KIT. ROUTE PIPING TIGHT TO WALL, SHOWN OFFSET FOR CLARITY.
- 18 MODIFY VENT AND DOMESTIC WATER PIPING AS REQUIRED TO INSTALL RELOCATED TRANSFER AIR GRILLE ABOVE DRINKING FOUNTAIN, SEE SHEET M101 FOR MECHANICAL WORK.
- 19 1" NATURAL GAS PIPING DOWN TO WATER HEATER. PROVIDE GAS COCK, UNION, AND 6" DEEP DIRTLEG.
- 20 1-1/4" NATURAL GAS PIPING DOWN TO RANGE. PROVIDE GAS COCK AND 6" DEEP DIRTLEG. PROVIDE 24" U.L. LISTED FLEXIBLE GAS CONNECTOR TO ALLOW EQUIPMENT TO BE MOVED FOR CLEANING.
- 21 1" NATURAL GAS PIPING DOWN TO GRIDDLE. PROVIDE GAS COCK AND 6" DEEP DIRTLEG. PROVIDE 24" U.L. LISTED FLEXIBLE GAS CONNECTOR TO ALLOW EQUIPMENT TO BE MOVED FOR CLEANING.
- 22 1" NATURAL GAS PIPING DOWN IN WALL, PROVIDE 6" DEEP DIRTLEG IN WALL.
- 23 3/4" NATURAL GAS PIPING TO RANGE. PROVIDE GAS COCK AND 24" U.L. LISTED FLEXIBLE GAS CONNECTOR TO ALLOW EQUIPMENT TO BE MOVED FOR CLEANING. CONNECT TO AUTOMATIC GAS SHUT-OFF VALVE PROVIDED WITH FIRE READY HOOD FOR OPERATION WHEN HOOD SUPPRESSION SYSTEM IS ACTIVATED.
- 24 NATURAL GAS SOLENOID VALVE CONNECTED TO EMERGENCY SHUT-OFF PUSHBUTTON IN FACS ROOM. COORDINATE WITH E.C.
- 25 NATURAL GAS EMERGENCY SHUT-OFF PUSHBUTTON.
- 26 SEE WATER HEATER DETAIL A/P103.
- 27 2" BRANCH WASTE PIPE AND 2" BRANCH VENT PIPE SERVING HAND SINK, TYPICAL.
- 27 PROVIDE AUTOMATIC GAS SHUT-OFF VALVE FOR OPERATION WHEN HOOD SUPPRESSION SYSTEM IS ACTIVATED.



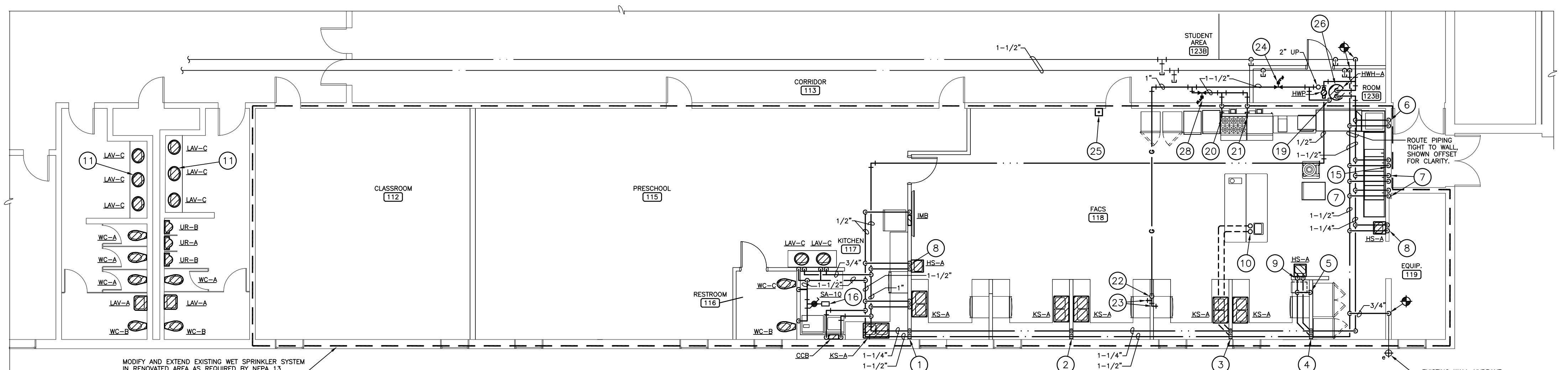
FACS ROOM SECOND FLOOR PLAN - PLUMBING

1/8" = 1'-0"



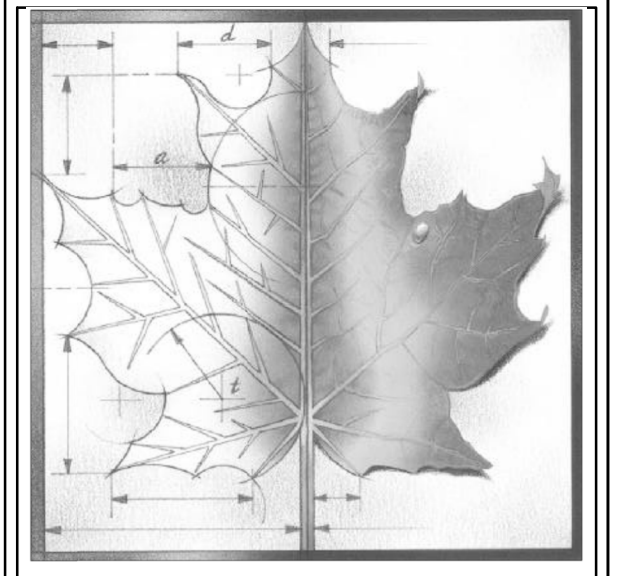
FACS ROOM GROUND FLOOR PLAN - WASTE AND VENT

1/8" = 1'-0"



FACS ROOM GROUND FLOOR PLAN - WATER, GAS AND FIRE PROTECTION

1/8" = 1'-0"



BBN

BBN ARCHITECTS INC
228 POYNITZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.

| REVISIONS: |
|------------|
| |
| |
| |
| |
| |

Project Number: **16036**

Date: **03/16/18**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
FACS ROOM PLUMBING PLANS

Sheet:
P101

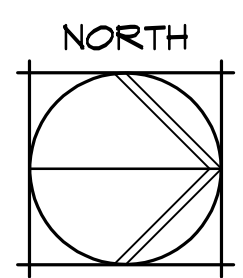
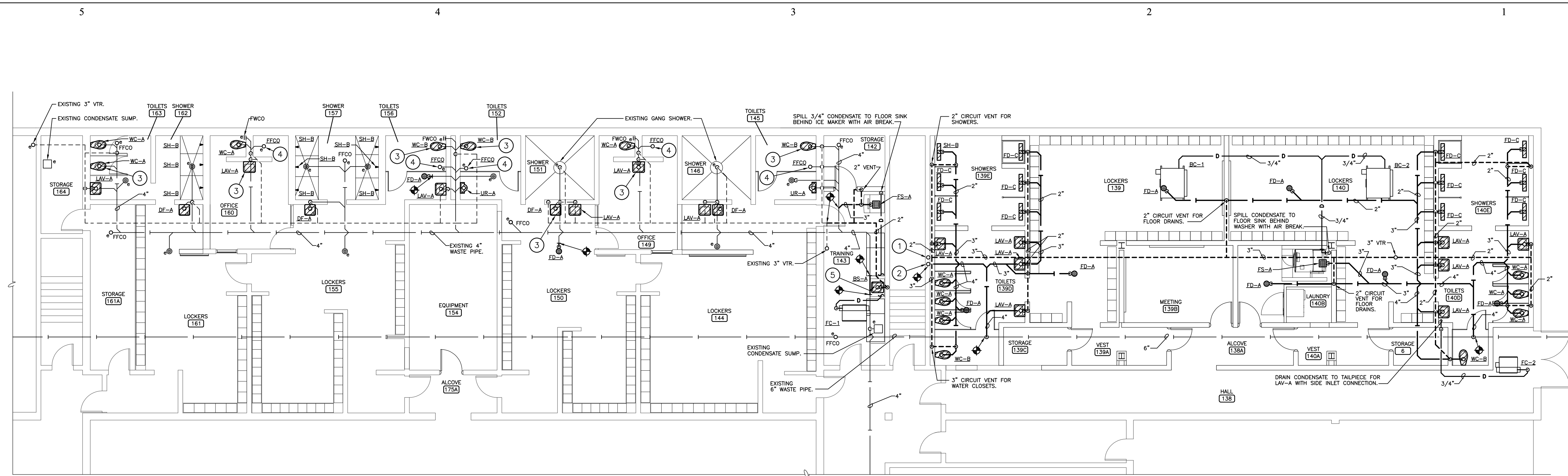
Of:

For Pricing Only - Not For Construction - 3/16/18

OSE OZAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas

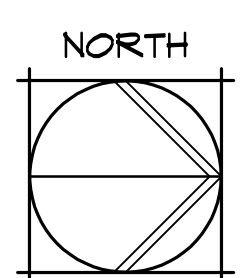
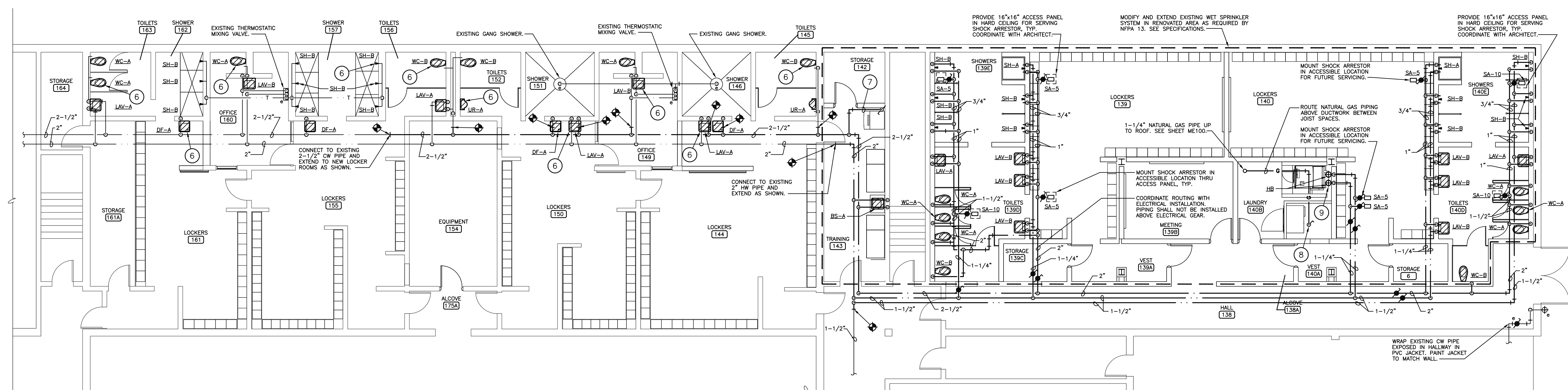
Job No. 15011-1

Copyright © Ozazem & Scalora Engineering, P.A. 2018



LOCKER ROOM GROUND FLOOR PLAN - WASTE AND VENT

1/8" = 1'-0"



LOCKER ROOM GROUND FLOOR PLAN - WATER AND GAS

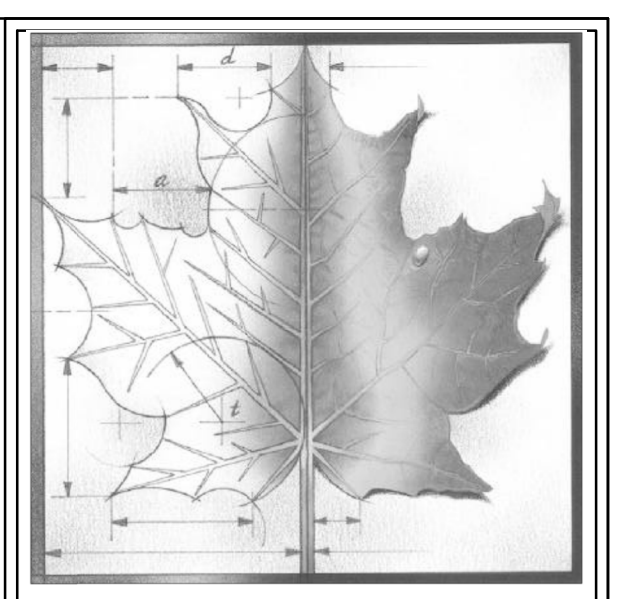
1/8" = 1'-0"

PLUMBING NOTES BY SYMBOL

- ① EXISTING 3" VENT UP TO FLOOR ABOVE.
- ② EXISTING 2" WASTE DOWN FROM FIXTURE ABOVE.
- ③ NEW PLUMBING FIXTURE TO BE CONNECTED TO EXISTING WASTE ROUGH-INS. MODIFY WASTE CONNECTIONS AS REQUIRED FOR NEW PLUMBING FIXTURE, TYPICAL THIS ROOM.
- ④ PROVIDE AND INSTALL FINISHED FLOOR CLEAN OUT IN WASTE LINE SERVING REMOVED PLUMBING FIXTURE.
- ⑤ CONNECT 2" WASTE FROM BAR SINK, BS-A, TO EXISTING 4" BELOW GRADE WASTE.
- ⑥ NEW PLUMBING FIXTURE TO BE CONNECTED TO EXISTING DOMESTIC CW AND HW WATER ROUGH-INS. MODIFY WATER CONNECTIONS AS REQUIRED FOR NEW PLUMBING FIXTURE, TYPICAL FOR THIS ROOM.
- ⑦ 1/2" CW TO ICE MAKER. PROVIDE BALL VALVE IN ACCESSIBLE LOCATION. TRANSITION FROM 1/2" TO 3/8" CW PIPE AND INSTALL BACKFLOW PREVENTER ON WALL BEHIND ICE MACHINE, EQUIVALENT TO WATTS SD-2 LEAD FREE DUAL CHECK BACKFLOW PREVENTION ASSEMBLY.
- ⑧ 1-1/4" NATURAL GAS CONNECTION TO DRYER. PROVIDE GAS COCK AND UL LISTED FLEXIBLE GAS CONNECTOR AT UNIT CONNECTION.
- ⑨ PROVIDE (3) 4' LONG 1" BRAIDED METAL CLOTHES WASHER CONNECTION HOSES TO WASHER. PROVIDE WYE FITTING FOR HW SUPPLY CONNECTION.

For Pricing Only - Not For Construction - 3/16/18

Job No. 15011-1
OSE ORAZEM & SCALORA ENGINEERING, P.A.
 Manhattan, Kansas
 Copyright © Orazem & Scalora Engineering, P.A. 2018



BBN

BBN ARCHITECTS INC
 228 POYNITZ AVENUE
 MANHATTAN, KS 66502
 PH: 785-776-4912
 WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Includes as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
 © BBN Architects, Inc.

| REVISIONS: |
|------------|
| |
| |
| |
| |
| |
| |

Project Number: **16036**
 Date: **03/16/18**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS

Project Address:
**801 LINCOLN AVENUE
 WAMEGO, KS 66547**

LOCKER ROOM PLUMBING PLANS

Sheet:
P102

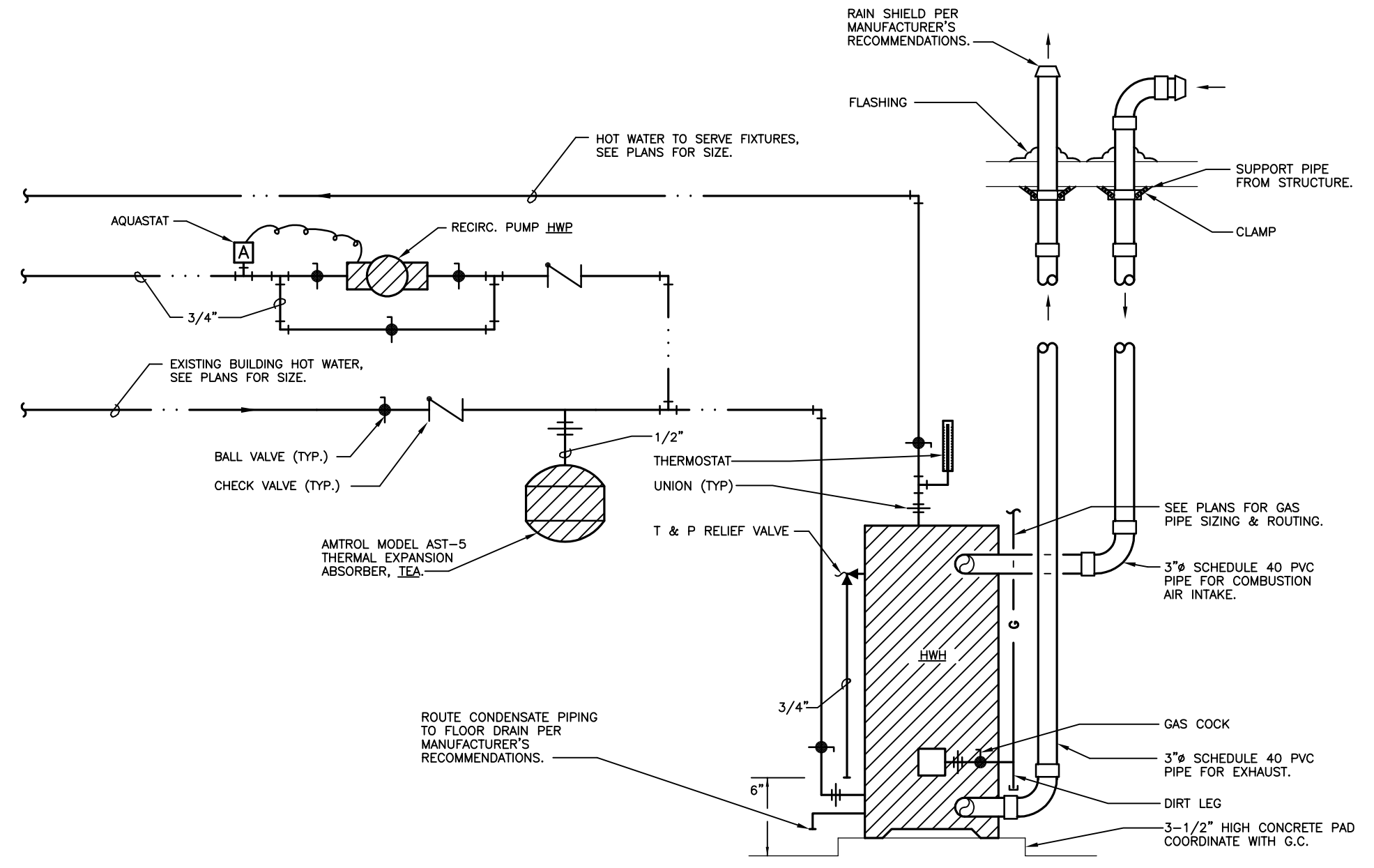
| PLUMBING FIXTURE MINIMUM ROUGH-IN SIZE SCHEDULE | | | | |
|---|-------|------|-----------|----------|
| FIXTURE/DESIGNATION | WASTE | VENT | COLD WTR. | HOT WTR. |
| FLUSH VALVE WATER CLOSET/WC-A,B,C | 4" | 2" | 1" | --- |
| URINAL/UR-A,B | 2" | 2" | 3/4" | --- |
| LAVATORY/LAV-A,B,C | 2" | 2" | 1/2" | 1/2" |
| HANDSINK/HS-A | 2" | 2" | 1/2" | 1/2" |
| BAR SINK/BS-A | 2" | 2" | 1/2" | 1/2" |
| KITCHEN SINK/KS-A | 2" | 2" | 1/2" | 1/2" |
| SHOWER/SH-A,B | 2" | 2" | 1/2" | 1/2" |
| DRINKING FOUNTAIN/DF-A | 2" | 2" | 1/2" | --- |
| CLOTHESWASHER CONNECTION BOX/CCB | 2" | 2" | 1/2" | --- |
| ICEMAKER BOX/IMB | --- | --- | 1/2" | --- |
| FLOOR DRAIN/FD-A,B,C | 2" | 2" | --- | --- |
| FLOOR SINK/FS-A | 3" | 2" | --- | --- |
| FLOOR SINK/FS-B | 2" | 2" | --- | --- |

PLUMBING EQUIPMENT SCHEDULE

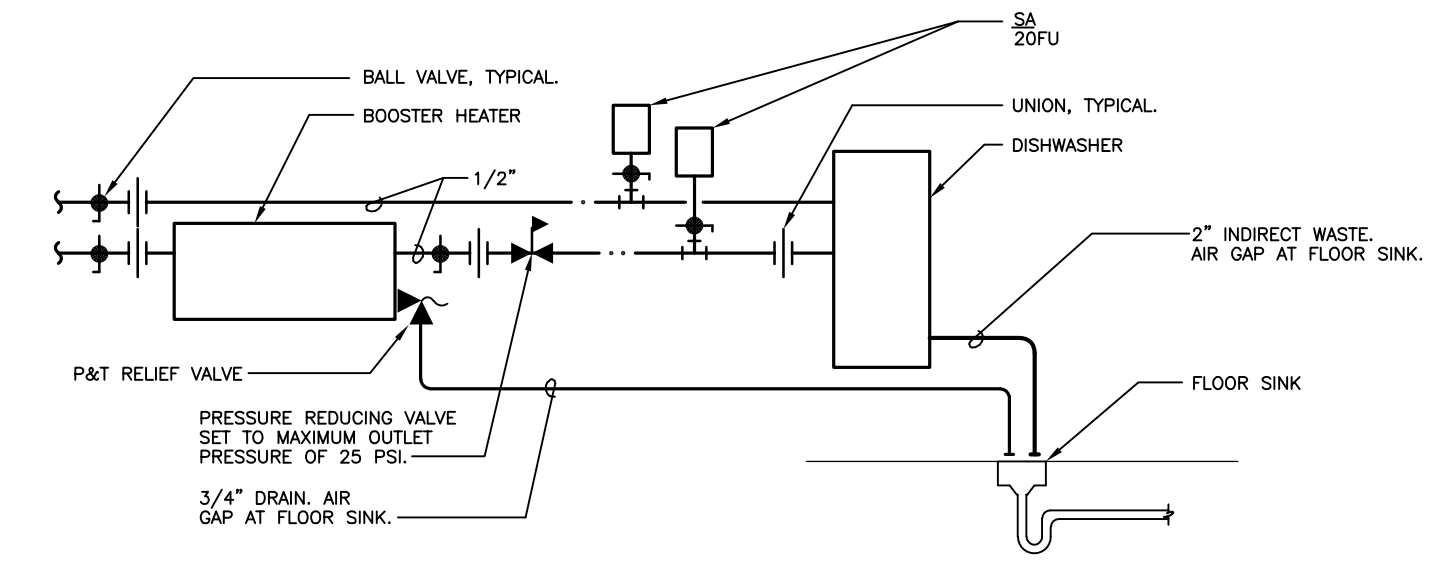
General Notes:

- For fixtures marked (ADA), fixture, trim, mounting dimensions and installation shall meet the requirements of the 2010 Americans With Disabilities Act.
- Coordinate fixture locations with Architectural plans and elevations prior to rough-in.
- All fixtures shall be provided with vandal resistant trim.
- Provide carrier required for complete installation of fixture.

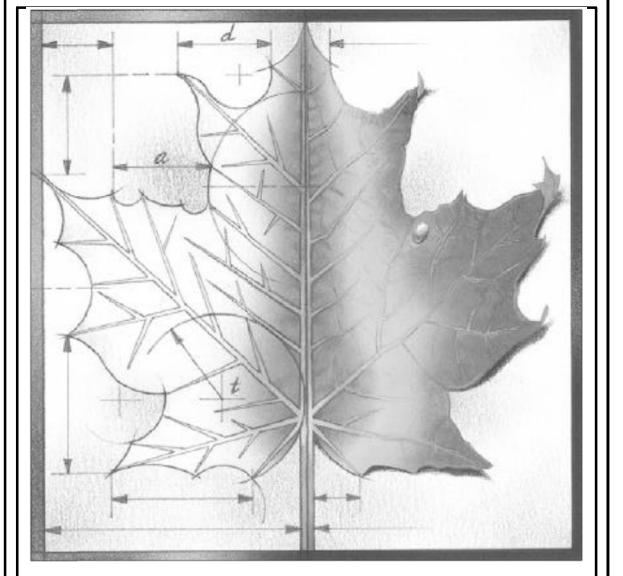
| WC-A | Zurn Z5655 vitreous china, floor mounted, elongated bowl, siphon jet flushing action, 1.6 GPF, 1-1/2" top spud toilet, 14" rim height, open front seat less cover, Sloan Regal 111-XL flush valve with vacuum breaker and angle stop. Fixture color: White. NO SUBSTITUTIONS FOR FLUSH VALVE. | | | | | | | | | | | | | | | | |
|--------------------|---|------------------|-------------|------------------|------------|------|------|---|---|-------|-------|----|---|-------|-------|----|---|
| WC-B (ADA) | Zurn Z5665 ADA vitreous china, floor mounted, elongated bowl, siphon jet flushing action, 1.6 GPF, 1-1/2" top spud toilet, 17" rim height, open front seat less cover, Sloan Regal 111-XL flush valve with vacuum breaker, angle stop and ADA compliant handle. Fixture color: White. NO SUBSTITUTIONS FOR FLUSH VALVE. | | | | | | | | | | | | | | | | |
| WC-C | Zurn Z5675 vitreous china, childrens water closet, floor mounted, round front, siphon jet flushing action, 1.6 GPF, 1-1/2" top spud, 10" rim height, open front seat less cover, Sloan Regal 111-XL flush valve with vacuum breaker and angle stop. Fixture color: White. NO SUBSTITUTIONS FOR FLUSH VALVE. | | | | | | | | | | | | | | | | |
| UR-A (ADA) | Zurn Z5755-U vitreous china, wall hung, washout flushing action, extended rim, 1.0 GPF, 3/4" top spud, integral trap, wall hanger carrier with feet anchor bolted to floor, Sloan Regal 180-1 XL flush valve with vacuum breaker, ADA compliant handle and angle stop. Fixture color: White. Mount with lip at maximum of 17" AFF. NO SUBSTITUTIONS FOR FLUSH VALVE. | | | | | | | | | | | | | | | | |
| UR-B | Zurn Z5755-U vitreous china, wall hung, washout flushing action, extended rim, 1.0 GPF, 3/4" top spud, integral trap, wall hanger carrier with feet anchor bolted to floor, Sloan Regal 180-1 XL flush valve with vacuum breaker and angle stop. Fixture color: White. Mount with lip at 24" AFF. | | | | | | | | | | | | | | | | |
| LAV-A (ADA) | Zurn Z5344 20" x 18" vitreous china front overflow lavatory for concealed arms. Trim with Zurn ZW3870XLT-4P point of use anti-scauld thermostatic mixing valve, Zurn ZB1101-XL-3M 4" centerset faucet with 4" spout, 0.5 gpm flow control, grid drain, indexes hot or cold 2-1/2" metal lever handles, Dearborn supplies with stops and escutcheon plate, Dearborn #760W 17 ga. offset tailpiece and 1-1/4" cast brass P-trap with cleanout plug. Fixture color: White. Insulate water and waste piping below sink with manufactured piping covers consisting of flexible vinyl insulation with white finish and access to piping, equivalent to Handi Lav-Guard manufactured by Truebro Inc. Provide carrier with feet anchor bolted to floor. | | | | | | | | | | | | | | | | |
| LAV-B | Zurn Z5344 20" x 18" vitreous china front overflow lavatory for concealed arms. Trim with Zurn ZW3870XLT-4P point of use anti-scauld thermostatic mixing valve, Zurn ZB1101-XL-3M 4" centerset faucet with 4" spout, 0.5 gpm flow control, grid drain, indexes hot or cold 2-1/2" metal lever handles, Dearborn supplies with stops and escutcheon plate, Dearborn #760W 17 ga. offset tailpiece and 1-1/4" cast brass P-trap with cleanout plug. Fixture color: white. | | | | | | | | | | | | | | | | |
| LAV-C (ADA) | Zurn Z5124 self-rimming round vitreous china lavatory, 19" outside diameter, front overflow. Trim with Zurn ZW3870XLT-4P point of use anti-scauld thermostatic mixing valve, Zurn ZB1101-XL-3M 4" centerset faucet with 4" spout, 0.5 gpm flow control, grid drain, indexed single metal handle, Dearborn supplies with stops and escutcheon plate, Dearborn #760W 17 ga. offset tailpiece and 1-1/4" cast brass P-trap with cleanout plug. Fixture color: White. Insulate water and waste piping below sink with manufactured piping covers consisting of flexible vinyl insulation with white finish and access to piping, equivalent to Handi Lav-Guard manufactured by Truebro Inc. | | | | | | | | | | | | | | | | |
| BS-A | Just SLX-2019-A-OR self-rimming single compartment Type 304 18-8 stainless steel sink, 14" L x 16" W x 10-1/2" D inside, fully sound deadened, holes as required for scheduled trim, with JB-99 strainer. Trim with Zurn ZB31A1-XL-16F faucet with 8" centers, gooseneck swing spout, 1.0 gpm flow control and indexed hot or cold 2-1/2" metal lever handles, Dearborn supplies with stops and escutcheon plate, and Dearborn 1-1/4" cast brass P-trap with cleanout plug. | | | | | | | | | | | | | | | | |
| KS-A | Elkoy #CR3322 20 gauge type 302 18-8 nickel bearing stainless steel double compartment self-rimming kitchen sink, each compartment 14" L x 15-3/4" W x 7" D, fully undercoated, 4 hole, LK-99 basket strainer. Trim with Zurn ZB31C4-XL-HS 8" gooseneck with 4" wristblade handles, chrome plated finish, cast brass body, hand spray, Dearborn supplies with stops and escutcheon plate, Dearborn 1-1/2" cast brass P-trap with cleanout plug. | | | | | | | | | | | | | | | | |
| HS-A | Handsink and associated trim provided by Kitchen Consultant. Provide Zurn ZW3870XLT-4P point of use anti-scauld thermostatic mixing valve, Dearborn supplies with stops and escutcheon plate, Dearborn #760 17 ga. offset tailpiece and 1-1/4" cast brass P-trap with cleanout plug. | | | | | | | | | | | | | | | | |
| SH-A (ADA) | Provide trim for handicapped accessible shower: Zurn Z7301-SS-MT-DV2P-HW-VB anti-scauld pressure balancing mixing valve with ADA compliant handle, adjustable stop screw to limit handle turn, and integral service stops, Z7000-12-1.75 institutional fixed spray shower head with integral 1.75 GPM flow control, wall and hand spray unit with 60" of flexible rubber line metal hose with in-line vacuum breaker, wall spout, 24" slide bar with bracket, and diverter valve with ADA compliant metal lever handle. Piping shall be concealed in wall. See Handicapped Accessible Shower Detail for mounting heights. | | | | | | | | | | | | | | | | |
| SH-B | Trim for shower: Zurn Z7301-SS-MT-12 pressure balancing valve with integral stops, metal lever handle, institutional fixed spray shower head with integral 2.5 GPM flow control. Piping shall be concealed in wall. Install valve at 48" AFF, head at 72" AFF. | | | | | | | | | | | | | | | | |
| DF-A (ADA) | Haws 1201 vitreous china wall mounted drinking fountain with polished chrome-plated brass bubbler head and strainer, 7" integral back splash, push-button operation, front-accessible cartridge and flow adjustment, and integral P-trap. | | | | | | | | | | | | | | | | |
| CCB | Guy Gray T200 clotheswasher connection box, recessed housing with 1/2" valved hot and cold water top or bottom supply connections as required, and knockout for 2" drain connection. White powder coat steel construction. | | | | | | | | | | | | | | | | |
| IMB | Guy Gray BMB75AB icemaker connection box, 20 gauge galvanized steel faceplate, 20 gauge galvanized steel recessed housing with 1/2" lead free valved cold water supply connection. | | | | | | | | | | | | | | | | |
| RH | Woodford model RHY2-MS freezeless roof hydrant, painted cast iron head assembly, integral cast brass backflow preventer, galvanized pipe casing, one-piece plunger, 1/8" drain hole. Provide with cast iron hydrant support, deck flange, well seal, and EPDM boot cover. Hydrant shall be serviceable through the top of the unit without removing the hydrant. | | | | | | | | | | | | | | | | |
| FD-A | Floor drain for finished areas - Wade 1100-1 floor drain with clamping collar, adjustable, vandal proof, 6" satin nickel bronze top. Provide with ProSet Systems trap guard T25630-F. | | | | | | | | | | | | | | | | |
| FD-B | Floor drain for mechanical rooms - Wade 2350-27 cast iron with bottom outlet, 8" square top, square loose set grate, and removable sediment bucket. Provide with ProSet Systems trap guard T25630-F. | | | | | | | | | | | | | | | | |
| FD-C | Floor drain for showers - Zurn Z5880-28 4" x 28" stainless steel shower drain with bottom outlet, adjustable top with Type 304 stainless steel slotted heel-proof grate. Fabricated stainless steel body with V shaped channel, 2" No-Hub center drain, secured leveling frame. Provide with ProSet Systems trap guard T25630-F. | | | | | | | | | | | | | | | | |
| GI | Schier GB-75 grease interceptor, rotationally molded polyethylene separator, 75 GPM intermittent flow rate, 4" tapped inlet and outlet, 2" tapped internal vent connection, 616 lbs of grease capacity, 125 gallons of liquid capacity, integral flow control device on inlet with inlet diffuser, outlet diffuser, composite cover with 16,000 lb load rating. Provide with pumpout part kit PP2. | | | | | | | | | | | | | | | | |
| FWCO | Wade 8560-E cleanout tee with brass threaded plug and 8480-R round stainless steel coverplate secured to plug by countersunk screw. | | | | | | | | | | | | | | | | |
| FFCO | Finished floor cleanout, Wade 6000-Z-1 cast iron finished floor cleanout with spigot outlet, threaded adjustable housing, flanged ferrule with bronze threaded plug and vandal proof round secured nickel bronze scoriated top. | | | | | | | | | | | | | | | | |
| SA | Wade Shock Arrestors, stainless steel construction with welded nested bellows, precharged with nitrogen, 125 psi maximum operating pressure, 300 degree F maximum temperature. <table border="1"> <thead> <tr> <th>Fixture Units</th> <th>Designation</th> <th>Wade Catalog No.</th> <th>PDI Rating</th> </tr> </thead> <tbody> <tr> <td>1-11</td> <td>SA-5</td> <td>5</td> <td>A</td> </tr> <tr> <td>12-32</td> <td>SA-10</td> <td>10</td> <td>B</td> </tr> <tr> <td>33-60</td> <td>SA-20</td> <td>20</td> <td>C</td> </tr> </tbody> </table> | Fixture Units | Designation | Wade Catalog No. | PDI Rating | 1-11 | SA-5 | 5 | A | 12-32 | SA-10 | 10 | B | 33-60 | SA-20 | 20 | C |
| Fixture Units | Designation | Wade Catalog No. | PDI Rating | | | | | | | | | | | | | | |
| 1-11 | SA-5 | 5 | A | | | | | | | | | | | | | | |
| 12-32 | SA-10 | 10 | B | | | | | | | | | | | | | | |
| 33-60 | SA-20 | 20 | C | | | | | | | | | | | | | | |
| FS-A | 3" Floor sink - Wade 9140 12" square, 8" deep, cast iron with smooth porcelain acid resisting interior, double drainage flange, bottom outlet, acid resisting nickel brass grate with openings as required for indirect drains, and sediment bucket. Omit grate where not required. Use acid resistant porcelain coated cast iron where not subjected to foot traffic. Provide with ProSet Systems trap guard T25630-F. | | | | | | | | | | | | | | | | |
| FS-B | 2" Floor sink - Wade 9110 8" square, 6" deep, cast iron with smooth porcelain acid resisting interior, double drainage flange, bottom outlet, acid resisting nickel brass grate with openings as required for indirect drains, and sediment bucket. Omit grate where not required. Use acid resistant porcelain coated cast iron where not subjected to foot traffic. Provide with ProSet Systems trap guard T25630-F. | | | | | | | | | | | | | | | | |
| HWH-A | State SPC-50-130-NE gas fired high efficiency condensing hot water heater, 130 MBH input, 50 gallon storage, 165 gallon per hour recovery at 90 degree F rise. | | | | | | | | | | | | | | | | |
| HB | Woodford model 26, hose bibb, cast bronze, with rough chrome finish, wheel handle, 3/4" inlet and hose thread outlet. Hose bibb shall be furnished complete with no spray back integral vacuum breaker. | | | | | | | | | | | | | | | | |
| TEA | Thermal Expansion Absorber, Amrol ST-5 precharged hydropneumatic steel expansion tank with internal butyl diaphragm, 2.0 gallons total volume, 0.9 gal. minimum expansion volume, 150 psig maximum working pressure. | | | | | | | | | | | | | | | | |
| HWP | Hot water circulation pump, Taco #005-BF, in-line, 4GPM @ 9 ft. head, 1/35 HP, bronze body, 3250 RPM, 120 volt, 1 phase, 3/4" flanges. Provide bronze companion flanges and aquastat control. | | | | | | | | | | | | | | | | |



A WATER HEATER DETAIL
NO SCALE



B DISHWASHER CONNECTION DETAIL
NO SCALE



BBN

BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KS 66502
PH: 785-776-4912
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best sources available, but cannot be guaranteed. In all respects, Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unaltered work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.
© BBN Architects, Inc.

| REVISIONS: | |
|------------|--|
| △ | |
| △ | |
| △ | |
| △ | |
| △ | |
| △ | |

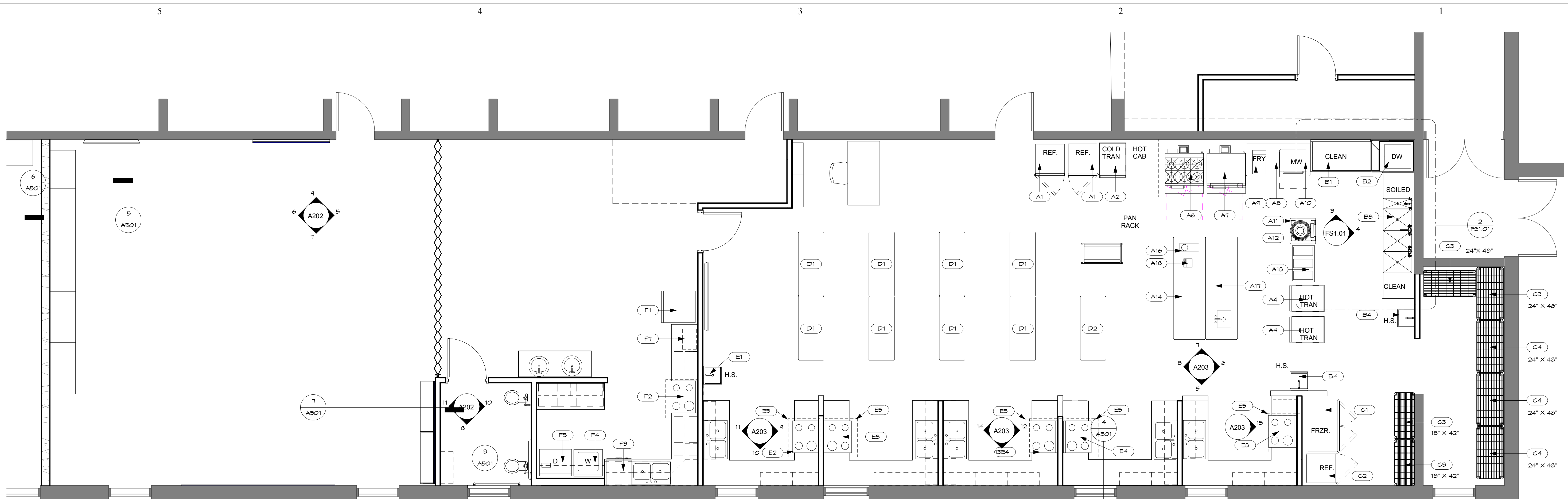
Project Number: **16036**
Date: **03/16/18**
Project Name: **USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS**
Project Address: **801 LINCOLN AVENUE WAMEGO, KS 66547**

PLUMBING DETAILS & SCHEDULES

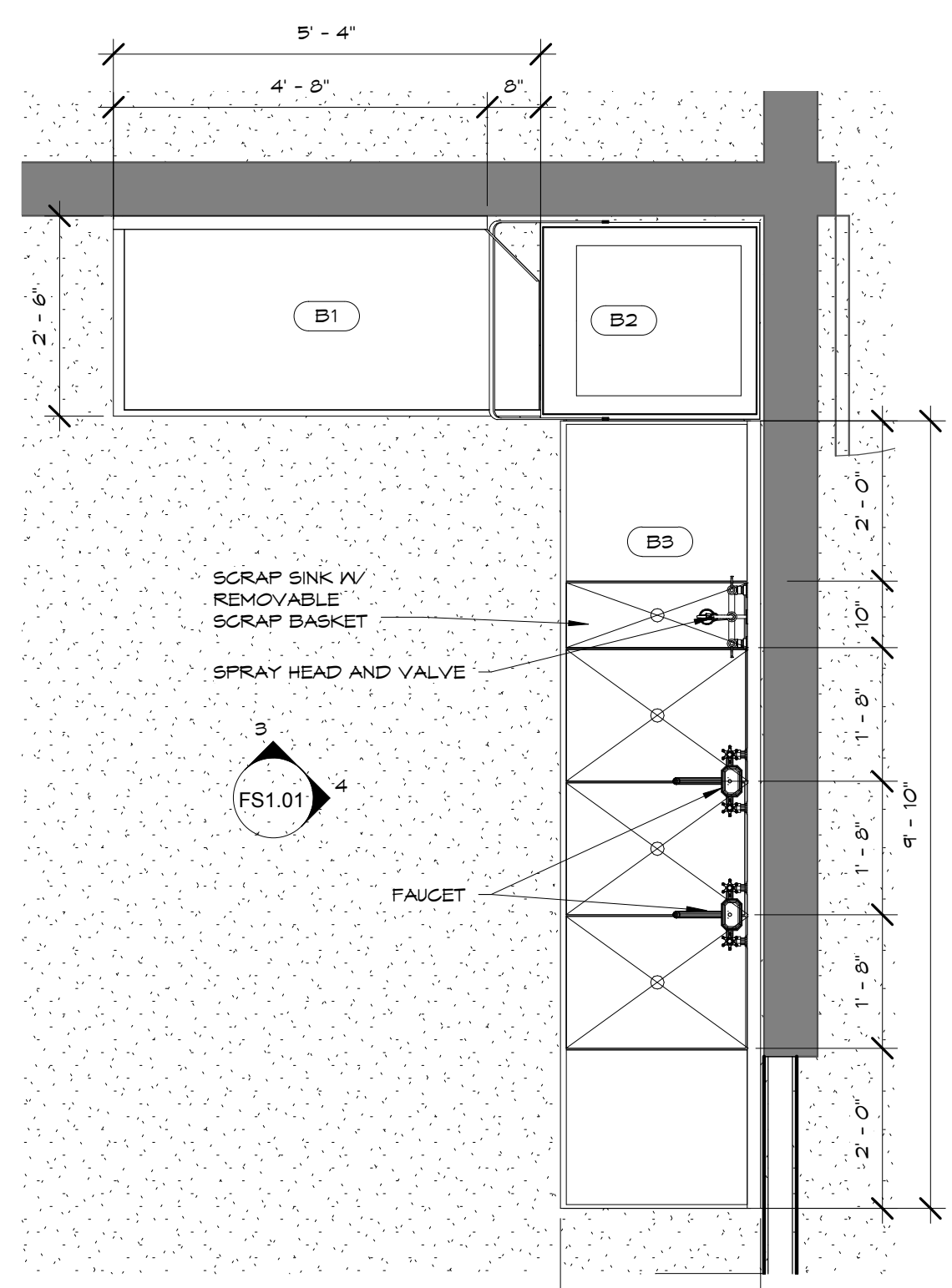
Sheet Title: **P103**
Sheet: **P103**
Of:

For Pricing Only - Not For Construction - 3/16/18

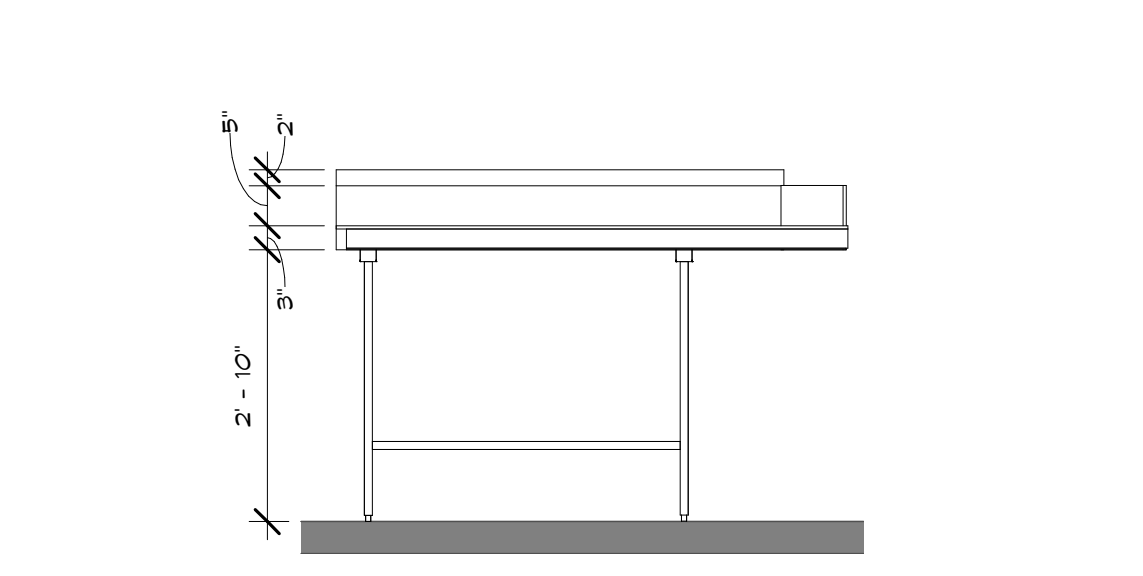
OSE OZAZEM & SCALORA ENGINEERING, P.A.
Manhattan, Kansas
Job No. 15011-1
Copyright © Ozazem & Scalora Engineering, P.A. 2018



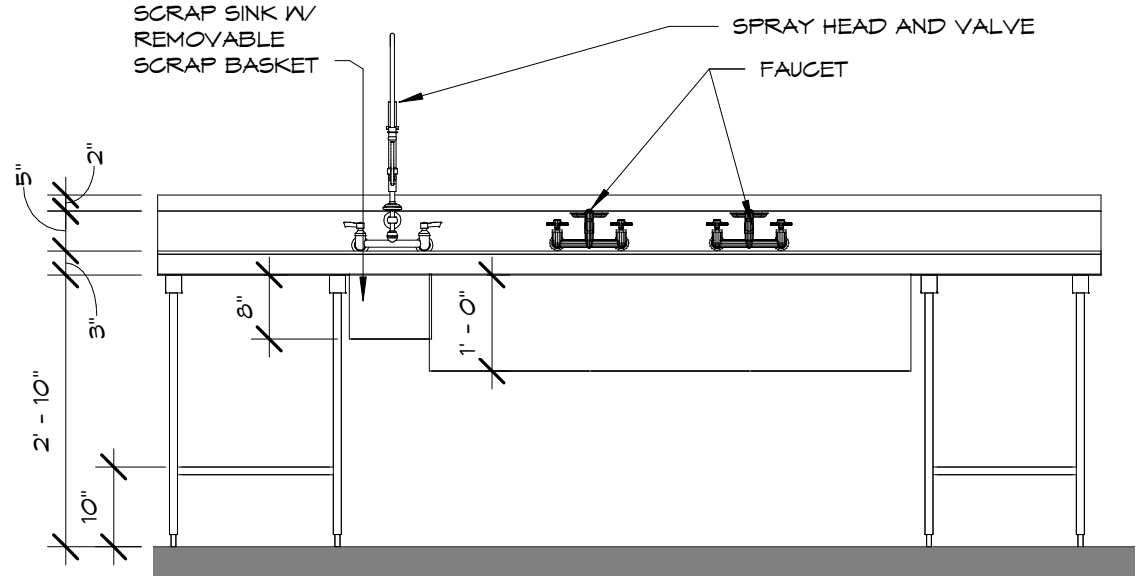
1 LEVEL 1 - FAC'S EQUIPMENT PLAN
1/4" = 1'-0"



2 FAC'S COMMERCIAL DISHWASHER
1/2" = 1'-0"



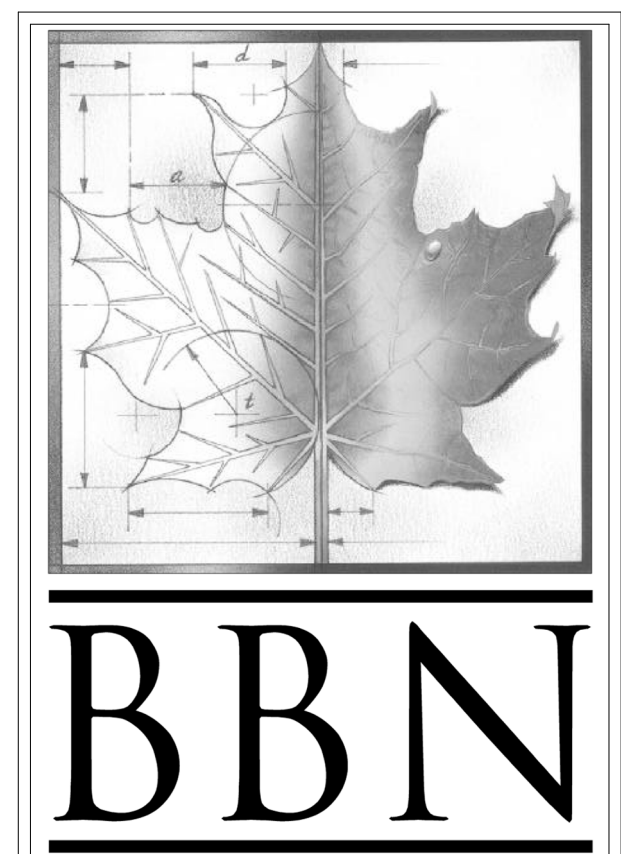
3 CLEAN DISH TABLE
1/2" = 1'-0"



4 DISH TABLE WITH SINKS
1/2" = 1'-0"

EQUIPMENT LIST

| ITEM | QTY | DESCRIPTION | MANUFACTURER | MODEL | REMARKS |
|------|-----|---|------------------------|---------------------------------|---|
| A1 | 2 | REACH IN REFRIGERATOR | TRUE | T - 23 HC | 5 ADDITIONAL SHELVES |
| A2 | 2 | HALF SIZE TRANSPORT CABINET | CRESCOR | 304 - 108G | KOLD KEEPERS |
| A3 | 1 | HOLDING AND PROOFING CABINET | CRESCOR | H135 - WTA - 11 | FULL VIEW WINDOW DOOR |
| A4 | 1 | HALF SIZE TRANSPORT CABINET | CRESCOR | H394 - UA - 0G | |
| A5 | 1 | HOOD, TYPE 1 WITH FIRE SUPPRESSION | OTHER TRADES | 12' - 0" X 4' - 6" CAPTURE AREA | |
| A6 | 1 | RANGE / OVEN | SOUTHBEND | TV65 / 125G - P36N - BBB | |
| A7 | 1 | GRIDDLE / OVEN | SOUTHBEND | TV65 / 125G - P36N - GGG | |
| A8 | 1 | WORK TABLE | ADVANCE TABCO | TMS - 305 | SQUARE EDGE, 30" X 60" X 28" H. |
| A9 | 1 | FRYER - COUNTER TOP | NELLS | LLF - 14 | |
| A10 | 1 | MICROWAVE STEAMER | PANASONIC | NE - 2180 | |
| A11 | 1 | MIXER TABLE | ADVANCE TABCO | MX - 55 - 242 24 X 24 | |
| A12 | 1 | 20 QT BENCH MIXER | GLOBE | SP - 20 | |
| A13 | 1 | INGREDIENT BINS | CHANNEL MANUFACTURING | 123P | |
| A14 | 1 | WORK TABLE | CUSTOM | 30" D X 96" L X 36" H | |
| A15 | 1 | BUN PAN RACK | CHANNEL MANUFACTURING | UTR - 12 | |
| A16 | 1 | FOOD PROCESSOR | ROBOT COUPE USA | R502 | |
| A17 | 1 | WORK TABLE | CUSTOM | 30" D X 96" L X 36" H | IV INTEGRAL 20"X20"X12" SINK AND FAUCET |
| A18 | 1 | PORTION CONTROL SCALE | DETECTO | PS-7 | |
| B1 | 1 | DISH TABLE - CLEAN | CUSTOM | | |
| B2 | 1 | WARE WASHER | HOBART US FOOD SERVICE | AM 15 VLT | |
| B3 | 1 | DISH TABLE - WITH SCRAP SINK AND 3 COMPARTMENT SINK | CUSTOM | | |
| B4 | 2 | HAND SINK | ADVANCE TABCO | | |
| C1 | 1 | SWING DOOR FREEZER | TRUE | TS49F | 6 ADDITIONAL SHELVES |
| C2 | 1 | REACH-IN REFRIGERATOR | TRUE | T - 23HC | 5 ADDITIONAL SHELVES |
| C3 | 2 | SHELVING; CHROME WIRE | AMCO | 18" X 42" | 14" H. STARTER |
| C4 | 3 | SECURITY CASE SHELVING | CROWN BRANDS | 10004 | |
| D1 | 8 | WORK TABLE | ADVANCE TABCO | TMS - 245 TA - 22 | SQUARE EDGE, 2 COAT HOOKS, 36" H. |
| D2 | 1 | WORK TABLE | ADVANCE TABCO | TMS - 245 TA - 22 | SQUARE EDGE, 2 COAT HOOKS, 34" H. |
| E1 | 1 | HAND SINK | ADVANCE TABCO | T - PS - 60 | |
| E2 | 1 | ELECTRIC RESIDENTIAL RANGE / OVEN W/ CERAMIC TOP | WHIRLPOOL CORPORATION | WEE510S0FS | |
| E3 | 2 | ELECTRIC RESIDENTIAL RANGE / OVEN W/ COIL BURNERS | WHIRLPOOL CORPORATION | WEG310S0FS | |
| E4 | 2 | GAS RESIDENTIAL RANGE / OVEN | WHIRLPOOL CORPORATION | WFG515S0ES | |
| E5 | 5 | HOOD | OTHER TRADES | 3' - 0" X 2' - 6" CAPTURE AREA | |
| E6 | 1 | ICE MAKER, UNDER-COUNTER TYPE | SCOTSMAN ICE SYSTEMS | SCGFS0MA-15U-KDPS-KKFF-KATB | S.S. DOOR FRONT KIT ANTI-TIP BRACKET AND KICK PLATE |
| F1 | 1 | REFRIGERATOR | WHIRLPOOL CORPORATION | WRF5355KHZ | |
| F2 | 1 | GAS RESIDENTIAL RANGE WITH DOUBLE OVEN | WHIRLPOOL CORPORATION | WEG749S0FS | |
| F3 | 1 | DISHWASHER | WHIRLPOOL CORPORATION | WDF5505AF5 | |
| F4 | 1 | CLOTHES WASHER | WHIRLPOOL CORPORATION | WFW42HEFG | |
| F5 | 1 | CLOTHES DRYER | WHIRLPOOL CORPORATION | WED42HEFG | |
| F6 | 1 | HOOD | OTHER TRADES | 3' - 0" X 2' - 6" CAPTURE AREA | |
| F7 | 1 | MICROWAVE | WHIRLPOOL CORPORATION | WMC30516HZ | |



BBN
BBN ARCHITECTS INC
228 POYNTZ AVENUE
MANHATTAN, KANSAS 66502
PH: 785-776-4912 - FAX: 785-776-0944
WWW.BBNARCHITECTS.COM

Information provided on the drawings regarding existing conditions has been obtained from the best source available, but cannot be guaranteed in all respects. Contractor shall verify all such information prior to proceeding with any new work that may be affected. Include as part of the contract all work required to produce the indicated result. All drawings and written material appearing herein constitute the original and unpublished work of the Architect, and same may not be duplicated, used or disclosed without the written consent of the Architect.

| REV | DESC | DATE |
|-----|------|------|
| | | |

PRICING SET
NOT FOR CONSTRUCTION

Project Number: **16036**
Date: **Issue Date**

Project Name:
USD 320 WAMEGO HIGH SCHOOL IMPROVEMENTS
Project Address:
**801 LICNOLN AVENUE
WAMEGO, KS 66547**

Sheet Title:
**FACS
EQUIPMENT
PLAN**

Sheet:
FS1.01
Of: