



Addendum No. 3

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Project: 2018 Physical Education Facilities
North Harrison Middle School
Ramsey, Indiana

Proj. No: 1518.03

Date: December 12, 2017

This addendum is a part of the bid documents. Acknowledge receipt on the Proposal Form.

Specifications

1. Section 01120 - Summary of Work - Multiple Contracts
Add the following specifications sections to Contract No. 1: General
Section 01210 Cash Allowances
2. Section 01120 - Summary of Work - Multiple Contracts
Add the following specifications sections to Contract No. 4: Paving
Section 02516 Asphalt Pavement Sealcoating
3. Section 01210 - Cash Allowances
This is a new section. Copy attached
4. Section 02516 - Asphalt Pavement Sealcoating
This is a new section. Copy attached
5. Section 04220 - Concrete Unit Masonry
Revise Paragraph 2.01, Item F as follows:
F. Provide all CMU products from one of the following approved products:
 1. "4D/Shuster's (Oldcastle)"
 2. "Lee Brick & Block"
 3. "A.C. Krebs Co."
6. Section 04220 - Concrete Unit Masonry
Delete the following:
Paragraph 2.01, Item C. "Water Repellent": No water repellent admixture in block is required

Paragraph 2.02 "Integrally-Colored Concrete Masonry Units (CMU)". There is no integrally colored CMU on this project.
7. Section 13120 - Pre-Engineered Metal Building System
Revise Paragraph 2.04, Item B as follows:
 1. 26 gauge galvanized **or galvalume** steel
8. Section 13120 - Pre-Engineered Metal Building System
Revise Paragraph 2.05, Item A as follows:
 1. 26 gauge G90 zinc-coated **or galvalume** steel
Revise Paragraph 2.05, Item B as follows:
 1. 29 gauge G90 zinc-coated **or galvalume** steel

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9. Section 13120 - Pre-Engineered Metal Building System

Revise Paragraph 2.06, Item A as follows:

5. Metal Sales: "T3 Wall Panel"

This Metal Sales product or equal may be used if Pre-Engineered Building System manufacturer does not have a 22 ga. panel for the interior liner panel.

10. Section 13120 - Pre-Engineered Metal Building System

Revise Paragraph 2.06, Item B as follows:

1. 22 gauge galvanized **or galvalume steel****11. Section 15900 - Instrumentations and Controls for HVAC**

Paragraph 1.04, Item A, add the following:

A. ...control the mechanical systems. **The controls shall be an extension of the existing Johnson Controls Metasys System.**

Paragraph 2.01, Item A, delete in its entirety and replace with the following

A. **Provide products of A. Johnson Controls****Drawings****1. G-101: Life Safety Plan**

The Code Summary Table floor areas of the Middle School & High School were combined. A revised table is included with this addendum in drawing AD3-1.

2. C-101: Section 'A' Site Development Plan

Per the addition of masonry pilaster detail (drawing AD1-2), the Southwest stair retaining wall and landing pad will run flush into new pilaster. New railing will end at new pilaster with a maximum of 4" between pilaster and railing post. Tie stair retaining wall into new pilaster similar to detail 8/C-402 using 3.5"x5"x3/8" galvanized angle continuous. Anchor with 3/4" expansion bolt at 24" O.C. Apply bituminous coating to angle and bolt after installation. Provide expansion joint and sealant between new pilaster and retaining wall.

3. C-110 – Existing Asphalt Surfaces

As part of Alternates 5 & 6, the sealcoat areas should also include all cracks to be filled and patch prior to sealcoating.

4. C-401 – Construction Details

Detail 4/C-401 states for 6" of stone to be placed under asphalt pavement. There is existing stone on site in the newly designed parking lots. For the purpose of bidding, the new west parking lot shown on sheets C-102-104, shall receive the full 6" of stone and fill as needed to reach final design grade. For the purpose of bidding, the current stone parking lot north of the new academic wing, shown on sheet C-109, should only have asphalt placed with minimal grading as required to reach final design grade.

5. A-902: HS Concessions Plans

This is a new drawing. Copy attached.

6. Q-101: Area 'E' Equipment Plan

Add the following note:

See Drawing E-201 for Athletic Equipment Key Switch Schedule. Key switches to be provided by Section 11480 in gang configurations shown. Wall mounted key switch control is already specified in Section 11480.



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7. FP-101: Fire Protection Plan
For bidding purposes, fire sprinkler contractors shall quote the work as an extension of the existing adjacent system. The total square feet of this system (existing + new) will be approximately 3,000 over the 52,000 s.f. allowable. Engineer plans to file for a variance for this 3,000 square feet.
8. M-1: Area 'D' Concessions Addition - Mechanical Plan
Delete Note #2 Factory Mounted Non-Fused Disconnect. Replace with:
"VFD by TCC shall be provided with integral disconnect per specifications."
9. MI02: Area 'D' Concessions Addition - Mechanical Plan
Delete Note #6 Provide Unit Mounted Disconnect. Replace with
"VFD by TCC shall be provided with integral disconnect per specifications."

Prepared by,

Hal E. Kovert, AIA
Principal



file: 1518.03/E-1

Attachments: Section 01210, Section 02516, Drawing A-902

Total Pages: (9) Nine

End of Addendum No. 3

SECTION 01210 - CASH ALLOWANCES

PART 1 – GENERAL

1.01 REQUIREMENTS INCLUDED

A. Section Includes:

1. Schedule of allowances in Contract Sum for purchase of products, unless installation is also specified.
2. Contractor's costs included in Allowances.
3. Contractor's costs included in Contract Sum.
4. Architect Responsibilities.
5. Contractor's Responsibilities.
6. Correlation with contractor submittals.
7. Adjustment of allowances.

1.02 RELATED REQUIREMENTS SPECIFIED ELSEWHERE

Section 01120 - Summary of Work - Multiple Contracts

Section 01370 - Schedule of Values

Individual Sections as listed in Schedule Allowances

1.03 SCHEDULE OF ALLOWANCES

A. 7-5/8" x 7-5/8" x 3-5/8" Clay Brick Allowance:

1. Allow a lump sum fee of **\$ 2.75** per unit.
2. To be used for purchase and delivery of material to site.
3. Contractor to furnish brick count in thousands required to complete project.
4. Allowance to be included in Alternate No. G-6 High School Concessions.
5. Clay units to match color and texture of existing adjacent units in Corridor 103.

1.04 CONTRACTOR'S COSTS INCLUDED IN ALLOWANCES

- A. Cost of product of Contractor and/or subcontractor, less applicable trade discounts.
- B. Delivery to Site.
- C. Applicable taxes.
- D. Labor for installation, if specified as such.

1.05 CONTRACTOR COSTS INCLUDED IN CONTRACT SUM

- A. Product handling at site, including unloading, uncrating, and storage.
- B. Protection of products from elements and from damage.
- C. Labor for fabrication, installation and finishing, except when installation is specified as part of allowance.
- D. Other expenses required to complete installation.
- E. Contractor's overhead and profit.

1.06 ARCHITECT RESPONSIBILITIES

- A. Consult with Contractor in consideration of products, suppliers and installers, as applicable.
- B. Select products, obtain Owner's written decision and transmit full information to Contractor.
 1. Manufacturer, product, model or catalog number, accessories, attachments, and finishes.
 2. Supplier and installer as applicable.
 3. Cost to contractor, delivered to site and installed as applicable.

1.07 CONTRACTOR RESPONSIBILITIES

- A. Assist Architect in determining suppliers and installers, and obtain applicable proposals when requested.
- B. Make recommendations for Architect's consideration.
- C. Promptly notify Architect of any reasonable objections against supplier or installer.
- D. Upon notification of selection, execute purchase agreement with designated supplier and installer, as applicable, just as with any other subcontractor or supplier on the project.
- E. Arrange for processing of shop drawings, product data, and samples.
- F. Arrange for delivery. Promptly inspect products upon delivery for completeness, damage, and defects.
- G. Install, adjust and finish products.
- H. Provide warranties for products and installation.

1.08 CORRELATION WITH CONTRACTOR SUBMITTALS

- A. Schedule shop drawings, product data, samples, and delivery dates, in Progress Schedule for products selected under allowances.

1.09 ADJUSTMENT OF ALLOWANCES

- A. Contractor shall submit proposal to Architect for any proposed change to allowances.
- B. Provide supportive data as required by Architect to substantiate costs of items included in allowances.
- C. All proposals shall be authorized by the Architect prior to execution and recorded in Contractor's as-built drawings and Architect's project record documents.
- D. Adjustment to Allowances will be made by Change Order.
Any unused amounts to be credited back to the Owner.

END OF SECTION 01210

SECTION 02516 - ASPHALT PAVEMENT SEALCOATING

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Furnish labor, materials, equipment, special tools, supervision and services required to complete the asphalt pavement repair and/or resurfacing work indicated, noted, and detailed on the drawings and specified herein.

1.02 QUALITY ASSURANCE

- A. Provide materials meeting ASTM D8099/D8099M-17 Standard Specification for Asphalt Emulsion Pavement Sealer.

1.03 REFERENCES

- A. Publications of the following institutes, associations, societies, and agencies are referred to this Section.
 - 1. Indiana Department of Highways, Standards Specifications, Latest Edition, IDH.
 - 2. American Society for Testing and Materials, ASTM.

1.04 SUBMITTALS

- A. Sealcoating Technical Data.
- B. Joint and Crack Filler Technical Data.

1.05 SITE CONDITIONS

- A. Minimum Ambient Air Temperature (Degrees Fahrenheit).
 - 1. During Application: 65°F
 - 2. Within 24 Hours After Application: 50°F

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Sealmaster, "Masterseal Concentrate" or equal
- B. Potable Water
- C. Sand (40-70 mesh)
- D. Oil Spot Primer
- E. Polymer Additive, Masterseal "Top Tuff" or equal
- D. Hot Pour Rubberized Crack Sealant Joint and Crack Filler:
 - 1. Flexible elastomeric material with ultra violet inhibitors and asphalt cement.
 - 2. Meet or exceed AASHTO-M173
- E. Lane Marking Paint:
 - 1. Factory Mixed, quick drying and non-bleeding alkyd oil based paint.
 - 2. FS TT-P-115, Type III.
 - 3. Color: White, except bus stalls to be yellow.
 - 4. Striping to be ADA blue at handicap spaces.

PART 3 - EXECUTION

3.01 PREPARATION

- A. All areas of the project to receive pavement resealing shall be power broomed and power vacuumed to remove all loose debris, aggregate and trash.
- B. Existing pavement cracks over 3/8" wide shall be identified in the field by the contractor using a paint marking system.
- C. Remove any vegetation from pavement cracks and apply soil sterilizer. Remove lawn encroachment to find true pavement edge where there is no curb.

3.02 CRACK FILLING

- A. All identified cracks over 3/8" wide in areas to receive new pavement surface shall be completely filled.
- B. Fill material shall be hot applied between 280-400 degrees F.
- C. All filled cracks shall be inspected by Architect prior to installation of sealcoating.

3.03 SEALCOATING APPLICATION

- A. Equipment shall have continuous agitation or mixing capabilities to maintain homogeneous consistency of pavement sealer mixture throughout application process.
- B. Mix Design (Based on 100 gallons of concentrate)
 - 1. Sealer Concentrate....100 gallons
 - 2. Water.....15-25 gallons
 - 3. Polymer Additive.....1 gallon
 - 4. Sand.....300-500 lbs.
- C. Apply two (2) coats of sealcoating mixture at a rate of .11 to .13 gallon per square yard to entire pavement area. Allow first coat to dry thoroughly before applying second coat.
- D. Allow final coat to dry 24 hours prior to applying traffic and lane markings.

3.09 TRAFFIC-AND LANE MARKINGS

- A. Cleaning: Sweep and clean surface to eliminate loose materials and dust.
- B. Striping: Use alkyd-oil traffic lane-marking paint, factory-mixed, quick-drying, and non-bleeding.
- C. Apply paint with mechanical equipment to product uniform straight edges.
Apply in 2 coats at manufacturer's recommended rates to form 4" minimum width lines.
- D. Use pre-cut stencils to paint directional arrows or lettering where noted on the drawings.

SUBMITTAL CHECK LIST

- 1. Sealcoating Technical Data
- 2. Joint and Crack Filler Technical Data

END OF SECTION 02516

630 Walnut Street
Jeffersonville, IN 47130
812.282.9554
812.282.9171 FAX
www.koverthawkins.com



Koverth-Hawkins
architects

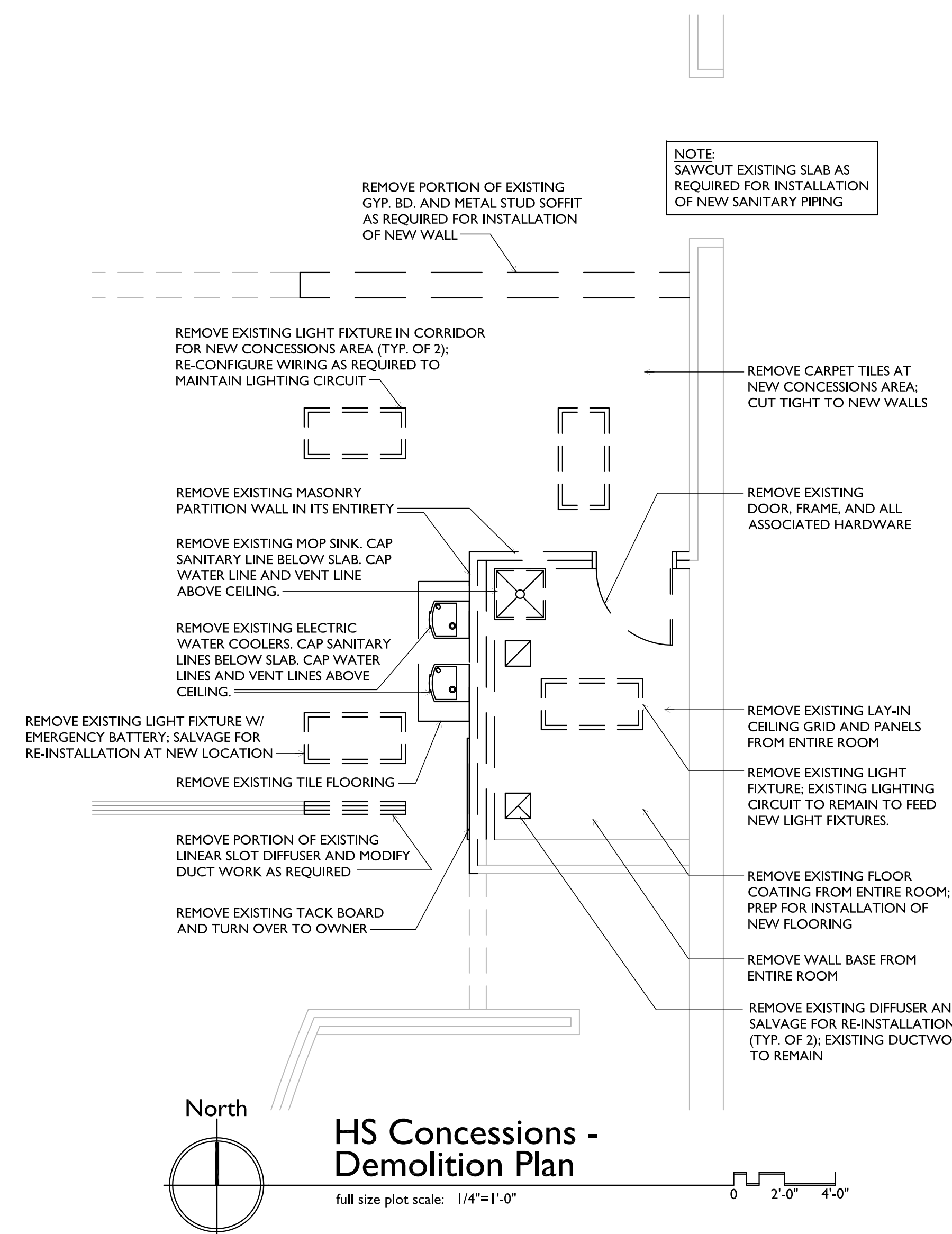
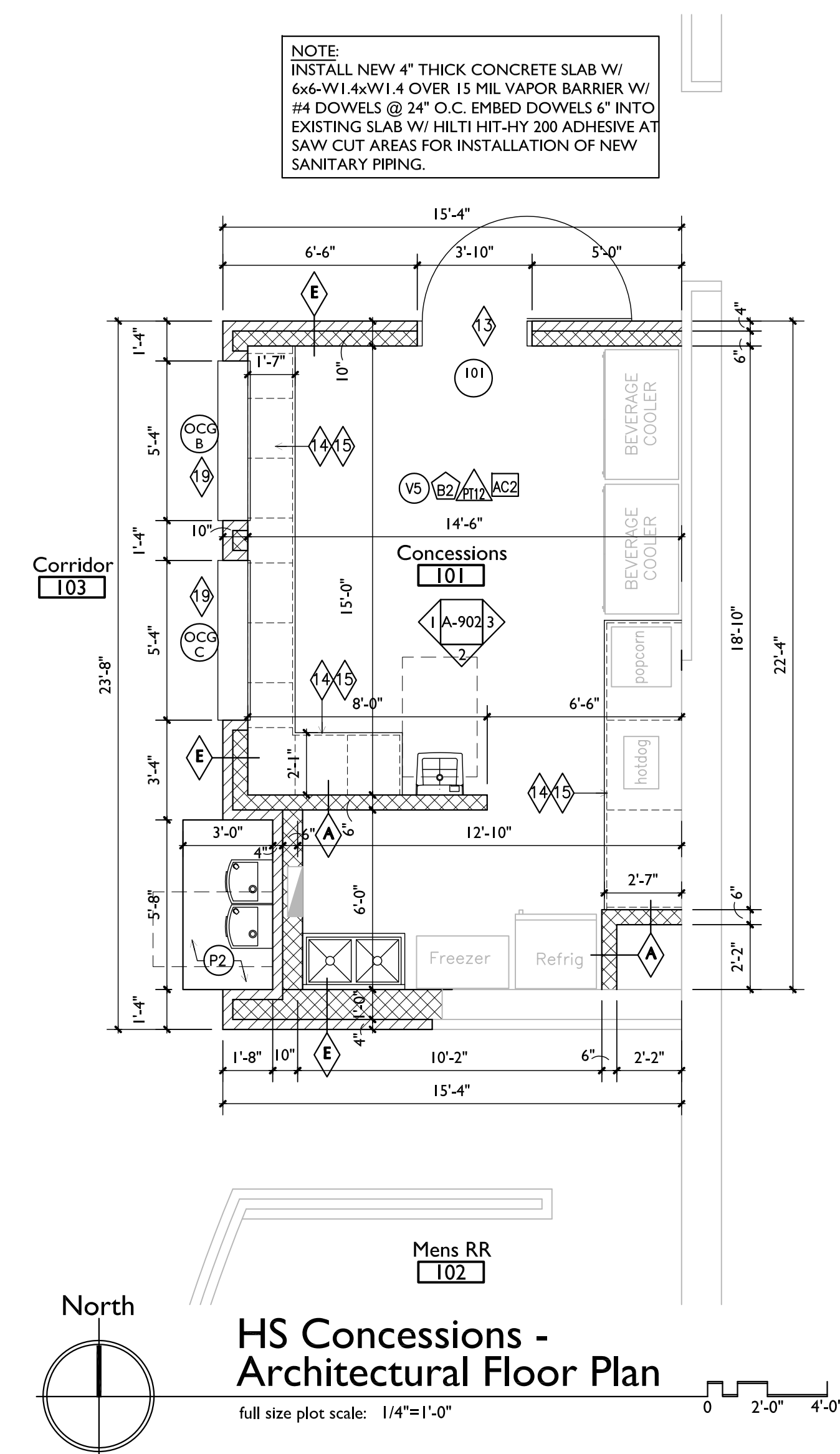
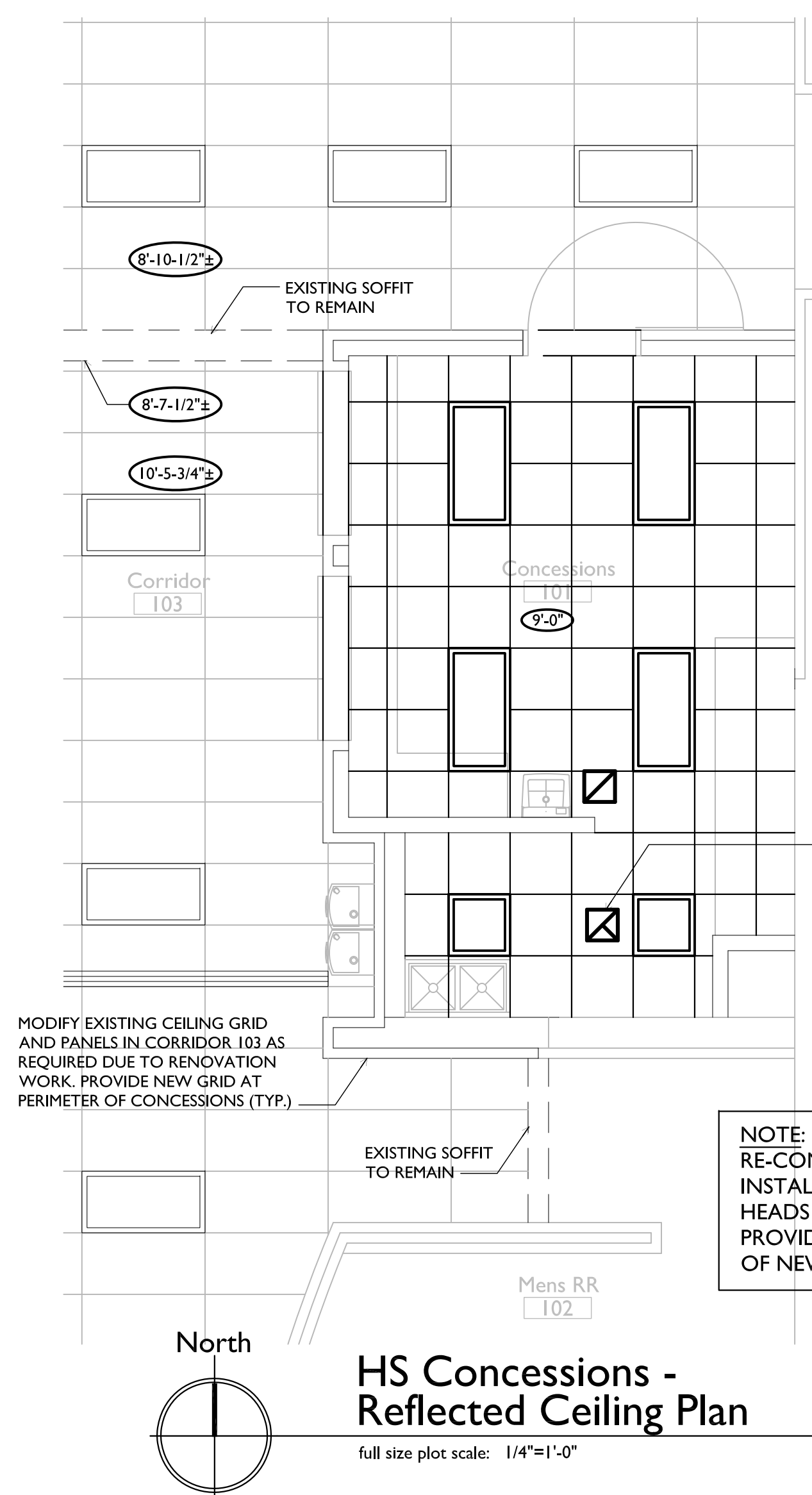
Revisions	1	2	3	4	5	6
Drawn	HK					
Checked By	HK					
Project No.	1581.03					
Date	12/12/2017					
Certified By						

2018 Physical Education Center Addition
North Harrison Middle School
1180 Highway 64 NW
Ramsey, Indiana
North Harrison Community School Corporation

Code Summary		
BUILDING OCCUPANCY	E Occupancy	Code References
USE OCCUPANCIES:	E	IBC, 304, 309
CONSTRUCTION TYPE:	II - B	IBC, 602
SPRINKLER:	THROUGHOUT	IBC, 903
MAX. ALLOWABLE TRAVEL DISTANCE	250' (248' ACTUAL)	IBC, TABLE 1016.2
COMMON PATH OF EGRESS DISTANCE (MAX)	75' (0' ACTUAL)	IBC, 1014.3
MAX DEAD END CORRIDOR LENGTH	50' (42'-0" ACTUAL)	IBC, 1018.4-EX2
ALLOWABLE AREA CALCULATION: BASIC ALLOWABLE AREA:	UNLIMITED	IBC, 507
DISTANCE FROM BUILDING TO PUBLIC WAY, OPEN YARD, OR PROPERTY LINE.	NORTH - GREATER THAN 60' SOUTH - GREATER THAN 60' EAST - GREATER THAN 60' WEST - GREATER THAN 60'	
MIDDLE SCHOOL: FIRST FLOOR EXISTING AREA : FIRST FLOOR ADDITION : SECOND FLOOR EXIST AREA : TOTAL MIDDLE SCHOOL AREA :	88,059 S.F. 23,548 S.F. 34,857 S.F. 122,933 S.F.	INCLUDING HORIZONTAL PROJECTIONS
HIGH SCHOOL: FIRST FLOOR AREA : MEZZANINE FLOOR AREA : TOTAL HIGH SCHOOL AREA :	110,799 S.F. 11,700 S.F. 122,499 S.F.	
BUILDING HEIGHT:	2 STORIES	

NOTE:
HORIZ. PROJECTIONS INCLUDED FOR FEE
CALCULATION PURPOSES, BUT ARE NOT REQUIRED
FOR ALLOWABLE AREA CALCULATIONS.

AREAS FOR MIDDLE SCHOOL AND HIGH SCHOOL WERE COMBINED
IN THE CODE SUMMARY TABLE ON SHEET G-101. ABOVE ARE THE
CORRECTED AREAS PER BUILDING.

















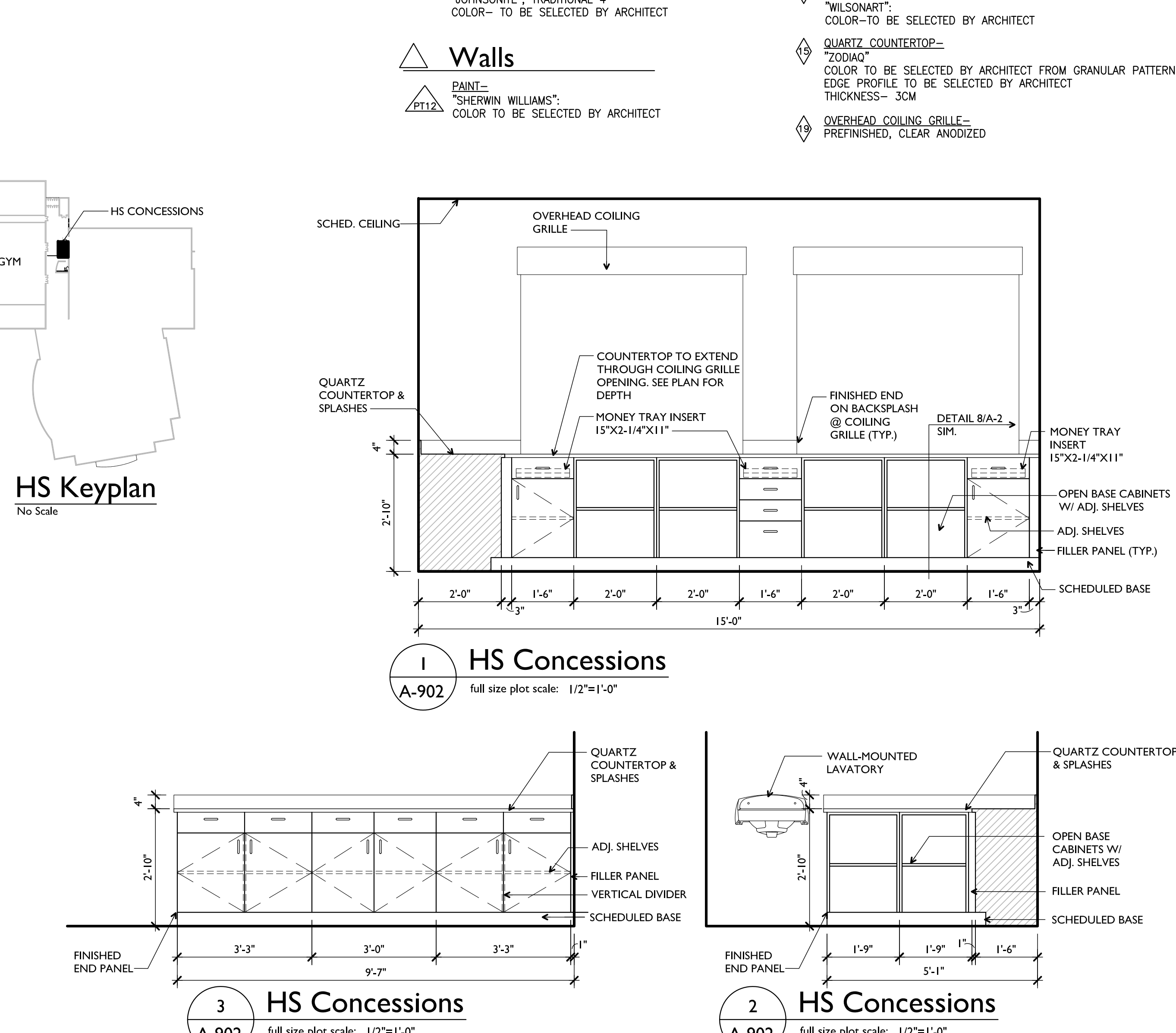
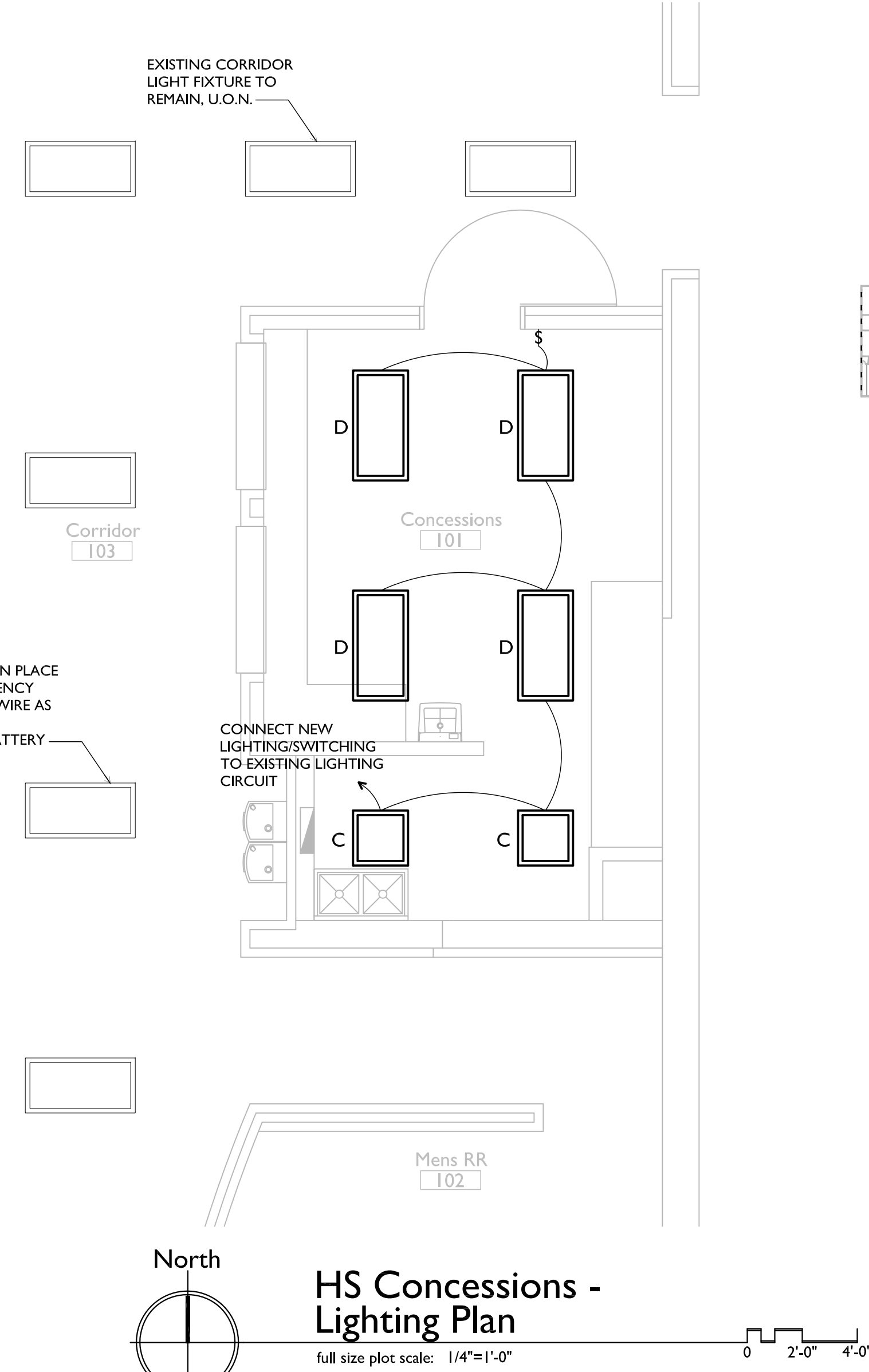
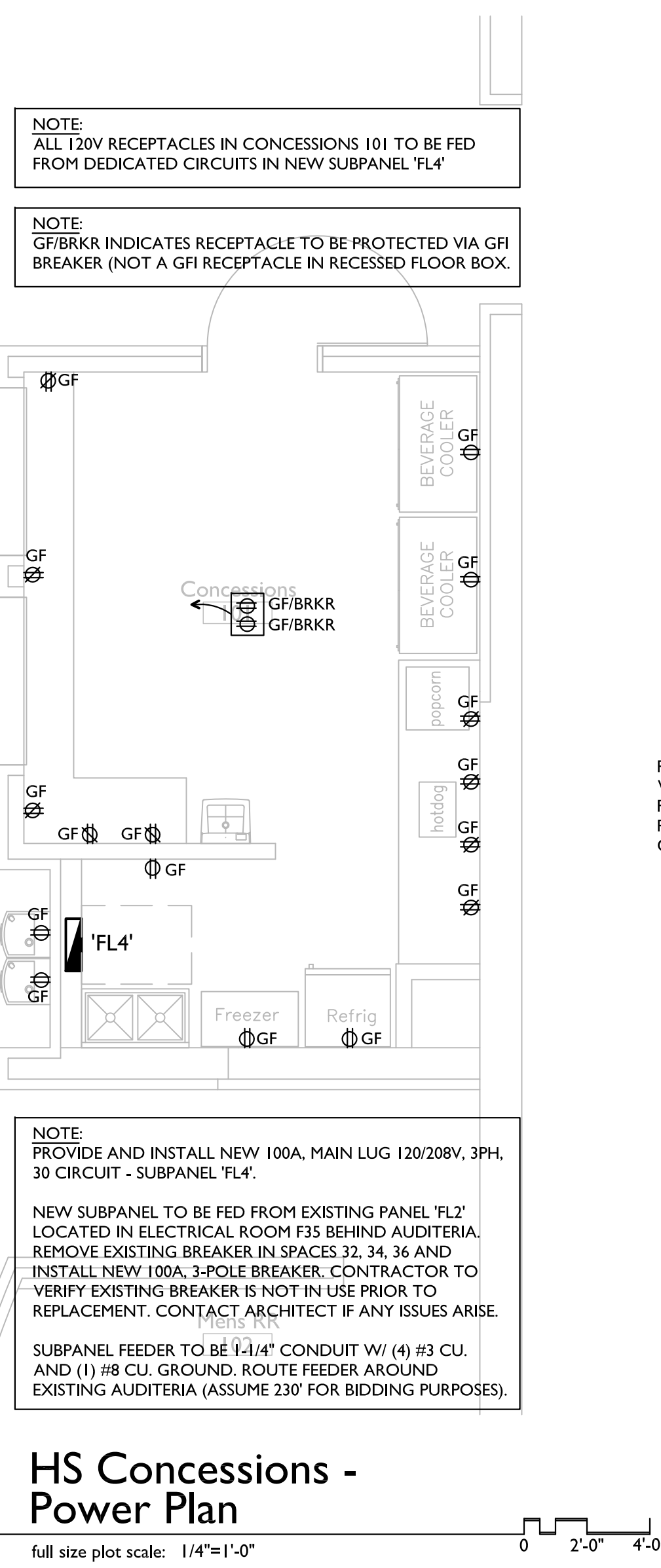
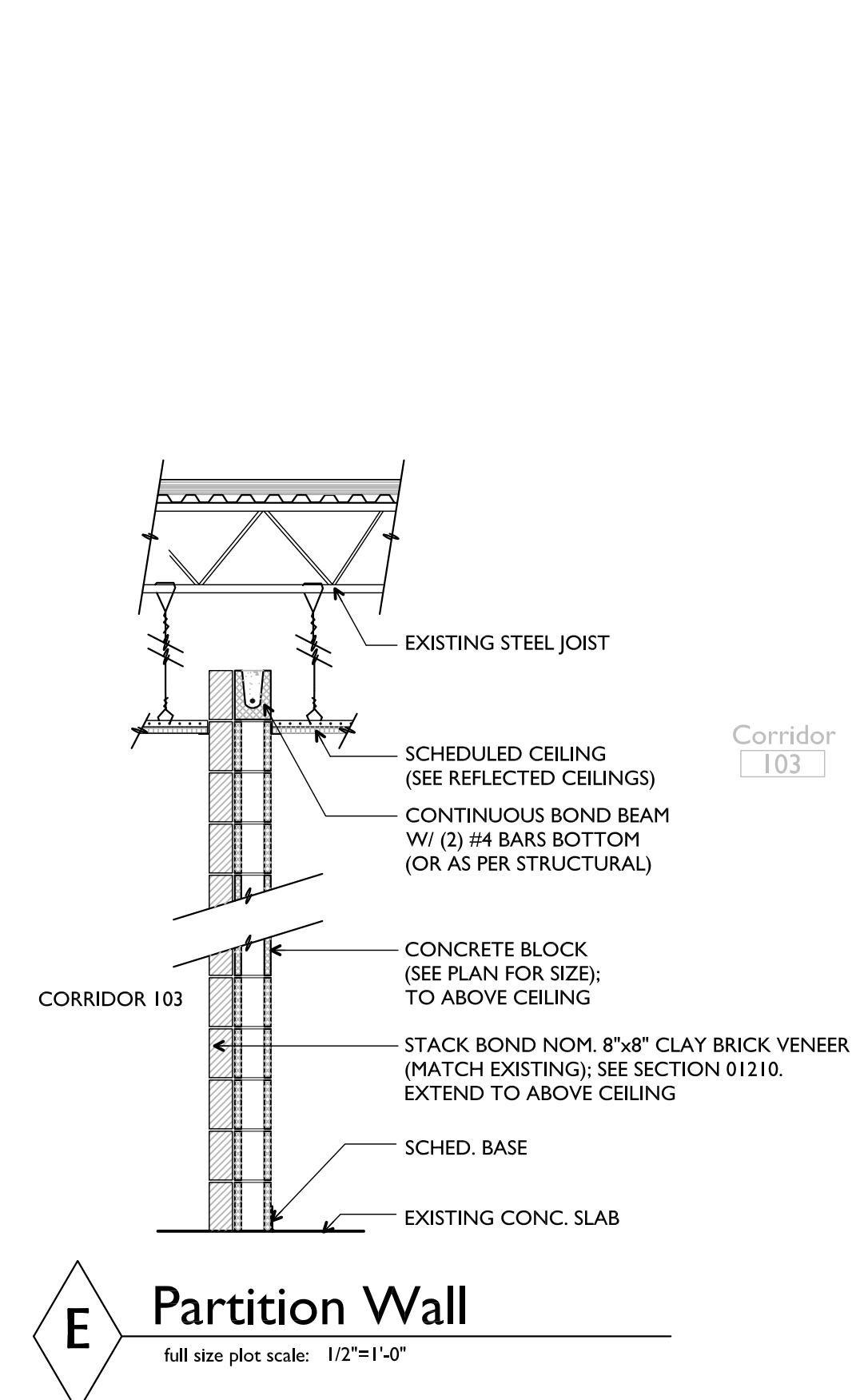
PLUMBING FIXTURE SCHEDULE							
MARK	MANUFACTURER / MODEL NUMBER	TRIM	ROUGH-IN				REMARKS
			CW	HW	WASTE	VENT	
SK-5	REGENCY TABLES AND SINKS - MODEL #600521717. 2-COMPARTMENT, 16 GA. STAINLESS STEEL SINK W/ LEGS, 17"x17"x12" DEEP BOWLS W/ CENTER DRAIN AND 3-1/2" BASKETS.	T&S BRASS MODEL HB-230UN/60X FAUCET WITH 8" SWING SPOUT, CERAMIC CARTRIDGE, 2.2 GPM FLOW, CHROME CONTINUOUS WASTE, P-TRAP, ANGLE SUPPLY STOPS WITH FLEXIBLE RIBERS AND ESCUTCHEONS.	1/2"	1/2"	2"	1-1/2"	

Door and Frame Schedule - HS Concessions											
IDEN.	DOORS				FRAMES				HDIWR SET #	REMARKS	
	SIZE (W X H X T)	MATERIAL	RATED	ELEV	MATERIAL	HEAD	JAMB	LABEL			ELEV
101	3'-6" X 7'-2" X 1-3/4"	S.C. WOOD		I	H. METAL	3/4Ø1 SIM.	4/4Ø1 SIM.		Ø SIM.	7	FRAME TO HAVE 2" HEAD. HARDWARE FINISH TO MATCH EXISTING H.S.; FIELD VERIFY (J510-SATIN BRONZE)

Overhead Coiling Grille Schedule								
IDEN.	SIZE (W X H)	OPERATION	HEAD	JAMB	HOOD	RATED	HOWR SET #	REMARKS
OQG B	5'-4" X 4'-6" R.O.	MANUAL	9/ABO SIM.	10/ABO SIM.	YES	YES	10	BRICK VENER UNIT TO RETURN THROUGH JAMB
OQG C	5'-4" X 4'-6" R.O.	MANUAL	9/ABO SIM.	10/ABO SIM.	YES	YES	10	BRICK VENER UNIT TO RETURN THROUGH JAMB

FINISH SCHEDULE - HS CONCESSIONS

- | | | | |
|---|---|---|--|
|  | Flooring |  | Ceilings |
|  | LUXURY VINYL TILE—
"SHAW CONTRACT GROUP" CRETE SERIES 0203V, 18"x18"
COLOR— TO BE SELECTED BY ARCHITECT |  | ACoustical CEILING—
TYPE "B"
(SEE SPECIFICATION SECTION 09510) |
|  | GLAZED PORCELAIN TILE—
DUALTILE VOLUME 1.0 SERIES, 12"x24"
STACKED JOINT PATTERN
COLOR— TO BE SELECTED BY ARCHITECT
EPOXY GROUT; COLOR TO BE SELECTED BY ARCHITECT |  | Specialties |
|  | Base |  | WOOD DOOR AND METAL FRAME—
WOOD DOOR—
PREFINISHED TO MATCH EXISTING; RED OAK
METAL FRAME—
FINISH PAINT; ALL SURFACES "SHERWIN WILLIAMS"
COLOR— TO BE SELECTED BY ARCHITECT |
|  | 4" RUBBER BASE—
JOHNSONITE®, TRADITIONAL 4"
COLOR— TO BE SELECTED BY ARCHITECT |  | PLASTIC LAMINATE CASEWORK—
ALL EXPOSED SURFACES;
"WILSONART"
COLOR— TO BE SELECTED BY ARCHITECT |
|  | Walls |  | QUARTZ COUNTERTOP—
"ZODIAC"
COLOR TO BE SELECTED BY ARCHITECT FROM GRANULAR PATTERN
EDGE PROFILE TO BE SELECTED BY ARCHITECT
THICKNESS— 3CM |
|  | PAINT—
"SHERWIN WILLIAMS"
COLOR TO BE SELECTED BY ARCHITECT |  | OVERHEAD COILING GRILLE—
PREFINISHED, CLEAR ANODIZED |



Notice

The Architect/Engineer does not define the scope of individual trades, subcontractors, material suppliers, or vendors. Any sheet numbering system used which identifies disciplines is solely for the Architect/Engineer's convenience, and is not intended to define a subcontractor's scope of work. Information regarding individual trades, subcontractors, material suppliers, and vendors may be deleted, described and indicated at different locations throughout these documents. No consideration will be given to requests for change orders for failure to obtain and review the complete set of drawings and specifications when preparing bids, prices, and quotations.