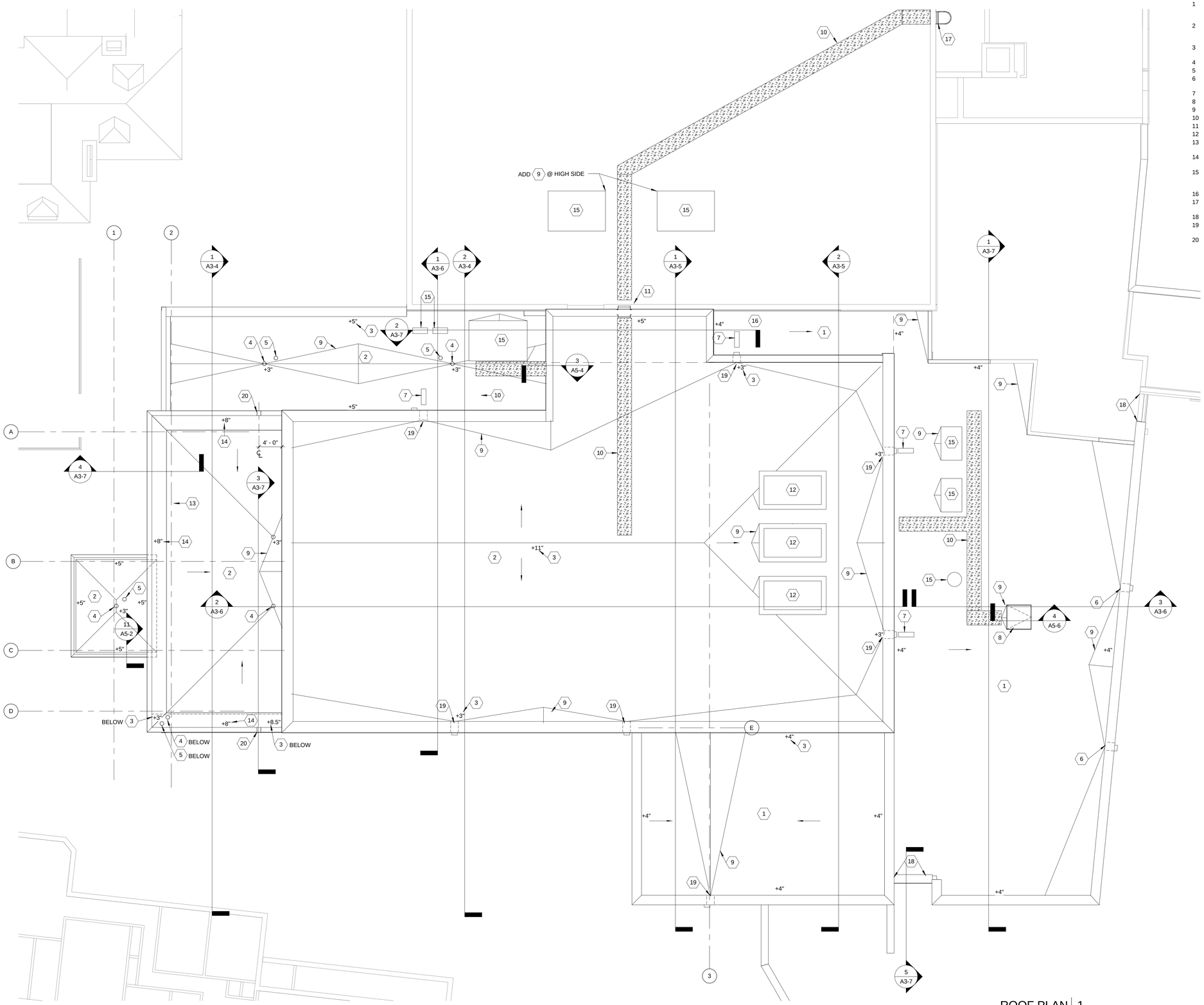

ROOF PLAN 1
1/8" = 1'-0"
A1-5

CODED NOTES - ROOF

#	
1	ROOFING SYSTEM TYPE A: FULLY ADHERED SINGLE PLY MEMBRANE ROOF SYSTEM OVER COVER BOARD ATTACHED THROUGH FLAT INSULATION TO METAL DECK OVER SLOPED STRUCTURE
2	ROOFING SYSTEM TYPE B: FULLY ADHERED SINGLE PLY MEMBRANE ROOF SYSTEM OVER COVER BOARD ATTACHED THROUGH TAPERED RIGID INSULATION TO METAL DECK OVER FLAT STRUCTURE
3	NUMBER INDICATES THICKNESS OF RIGID ROOF INSULATION ABOVE ROOF DECK IN INCHES
4	PRIMARY ROOF DRAIN
5	SECONDARY ROOF DRAIN
6	METAL SCUPPER/COLLECTION BOX THROUGH PARAPET WITH METAL ROUND SURFACE MOUNTED DOWNSPOUT. TYPICAL DETAIL 4/A5-3.
7	CONCRETE SPLASH BLOCK
8	ROOF HATCH ON INSULATED CURB
9	TAPERED RIGID INSULATION CRICKET
10	MEMBRANE WALKWAY ROOF PROTECTION
11	FIXED ROOF ACCESS LADDER TYPE 2 WITH PARAPET WALK THROUGH
12	AUTOMATIC FIRE VENT SET ON 5" HIGH BY 5 -1/2" WIDE CURB
13	TRANSITION IN ROOF DECK ELEVATION. SEE STRUCTURAL DRAWINGS AND ARCHITECTURAL SECTION DETAILS.
14	NUMBER INDICATES THICKNESS OF RIGID ROOF INSULATION ABOVE ROOF DECK ELEVATION 122'-1 1/2", IN INCHES
15	ROOF TOP MECHANICAL UNIT ON INSULATED CURB. SEE MECHANICAL DRAWINGS. PROVIDE ROOF AND FLASHING TERMINATION AT HVAC CONTRACTOR INSTALLED CURBS AND ROOF EQUIPMENT SUPPORTS
16	ROOF TOP ELECTRICAL UNIT. SEE ELECTRICAL DRAWINGS
17	FIXED ROOF ACCESS LADDER TYPE 3 WITH SAFETY CAGE AND PARAPET WALK THROUGH
18	METAL COPING COVER - TYPE 2
19	METAL SCUPPER/COLLECTION BOX THROUGH PARAPET WITH METAL RECTANGULAR RECESSED DOWNSPOUT. TYPICAL DETAIL 7/A5-3.
20	8" WIDE OVERFLOW SCUPPER AT METAL ROOF COPING. INTEGRAL WITH FASCIA AND COPING

KEY PLAN

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5840
REGISTERED ARCHITECT

John F. Hedge, License #5840
Expiration Date, 12/31/2013

#	DATE	DESCRIPTION

CLIENT

COLUMBUS SCHOOL FOR GIRLS

PHASE 2 ADDITION

58 SOUTH COLUMBIA AVENUE
COLUMBUS, OHIO 43209

ROOF PLAN

commission no. 0906.04
scale: As indicated
date: 02/07/2013
revised:

10

A1-5

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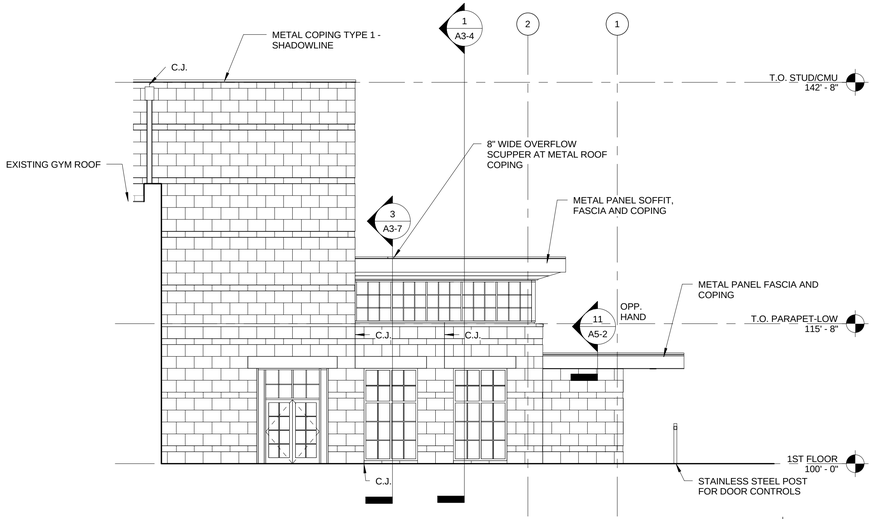
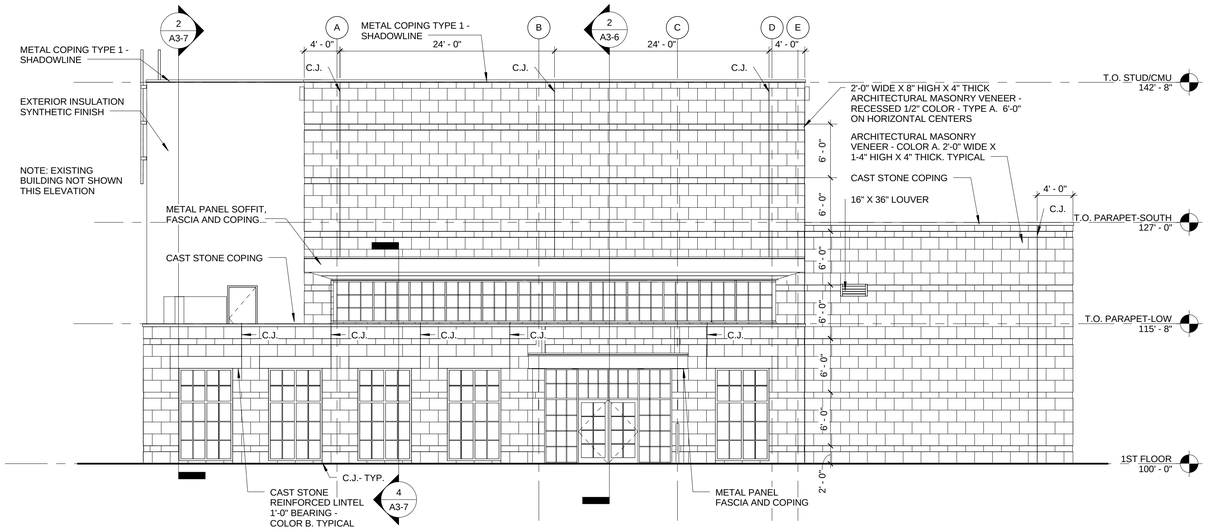
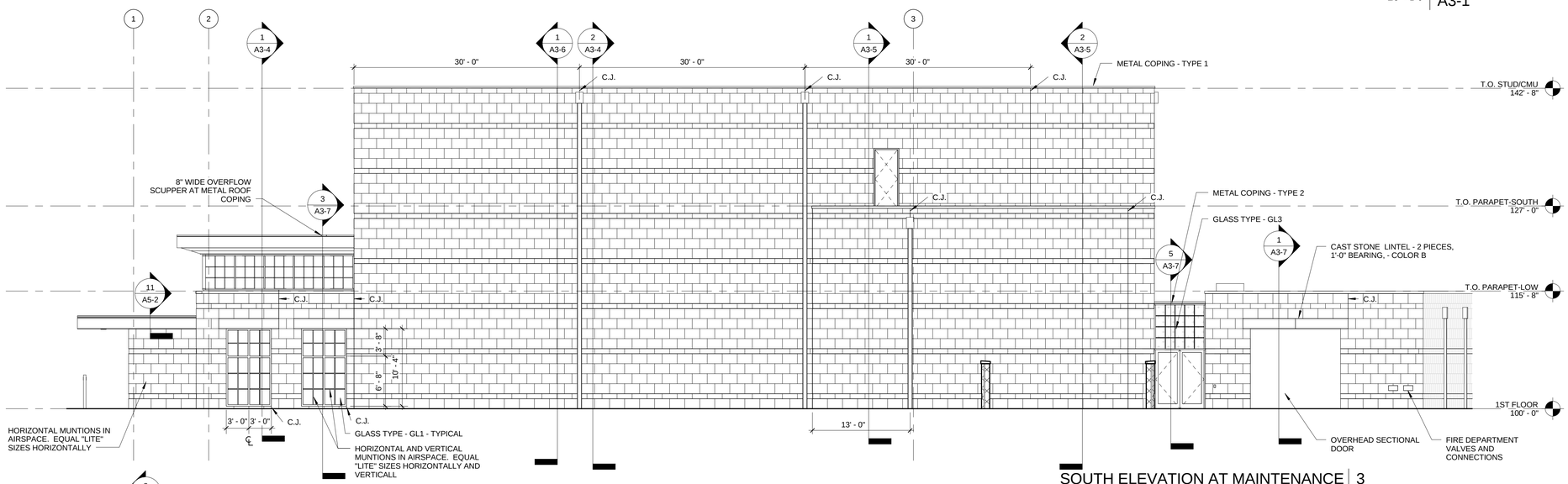


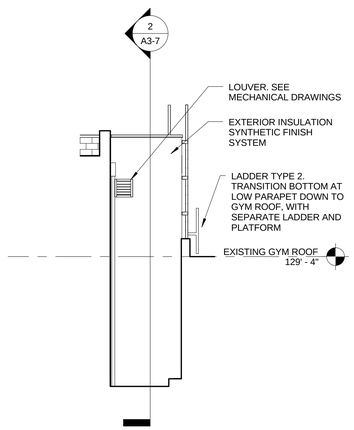
NORTH ELEVATION AT LOBBY | 2
1/8" = 1'-0" | A3-1



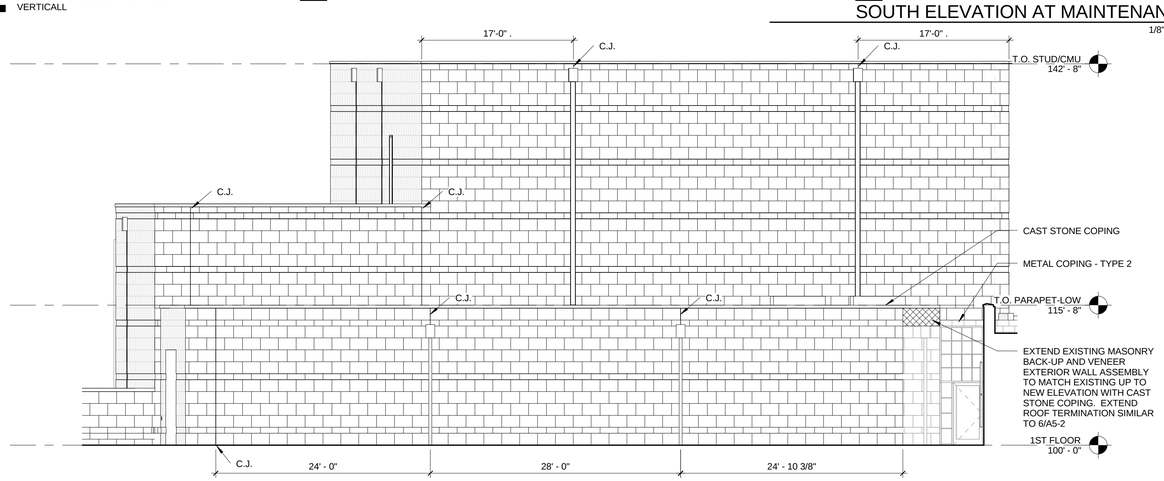
WEST ELEVATION AT LOBBY | 1
1/8" = 1'-0" | A3-1



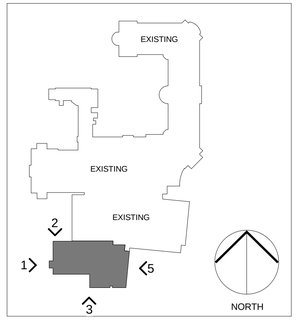
SOUTH ELEVATION AT MAINTENANCE | 3
1/8" = 1'-0" | A3-1



EAST ELEVATION AT ELECTRICAL ROOM | 4
1/8" = 1'-0" | A3-1



EAST ELEVATION AT MAINTENANCE | 5
1/8" = 1'-0" | A3-1



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COLUMBUS SCHOOL FOR GIRLS

PHASE 2 ADDITION

58 SOUTH COLUMBIA AVENUE
COLUMBUS, OHIO 43209

EXTERIOR ELEVATIONS

commission no. 0906.04
scale: As indicated
date: 02/07/2013
revised:

11

A3-1

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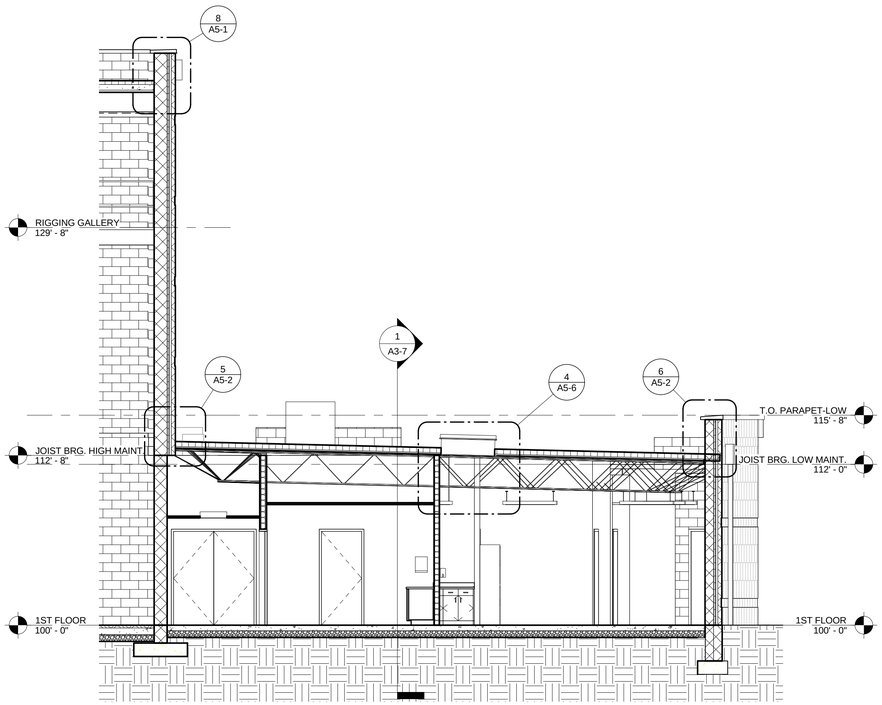
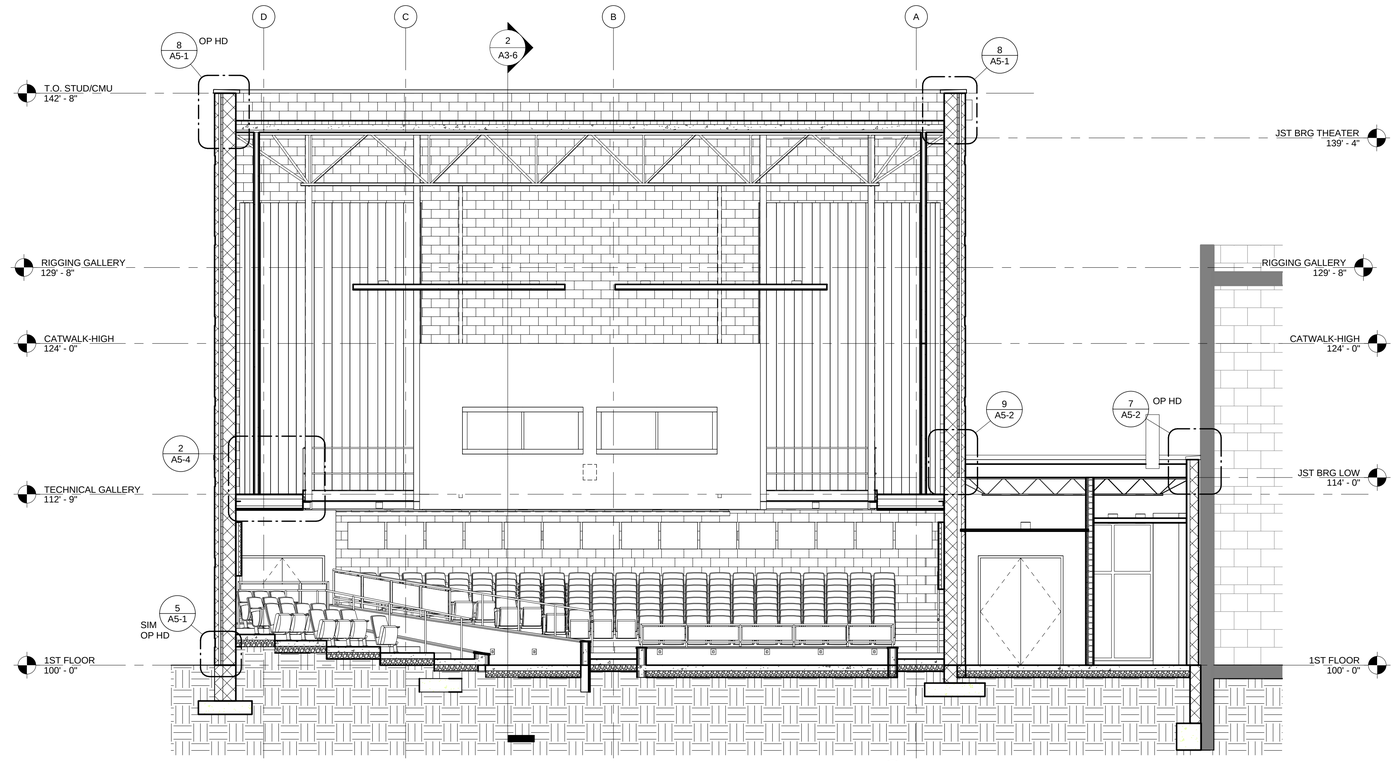
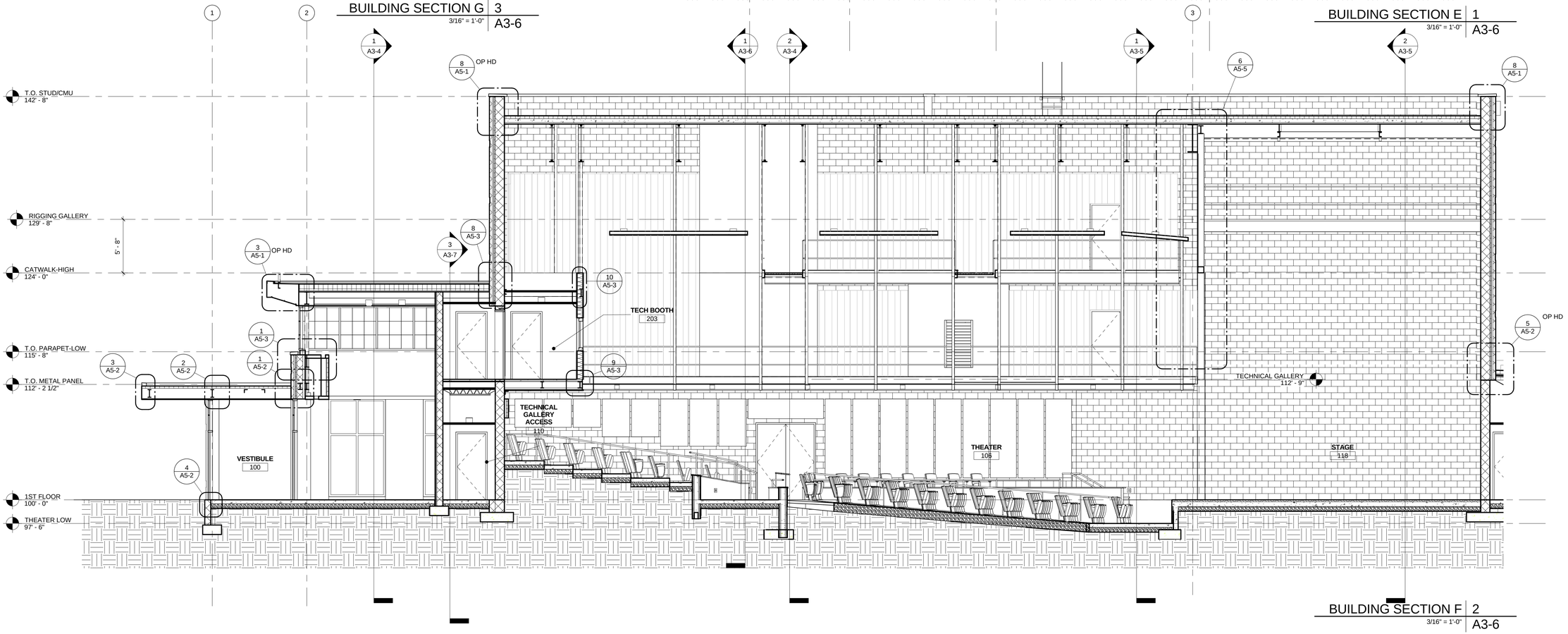


BUILDING SECTION G | 3
3/16" = 1'-0" | A3-6



BUILDING SECTION E | 1
3/16" = 1'-0" | A3-6



BUILDING SECTION F | 2
3/16" = 1'-0" | A3-6

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COLUMBUS SCHOOL FOR GIRLS

PHASE 2 ADDITION

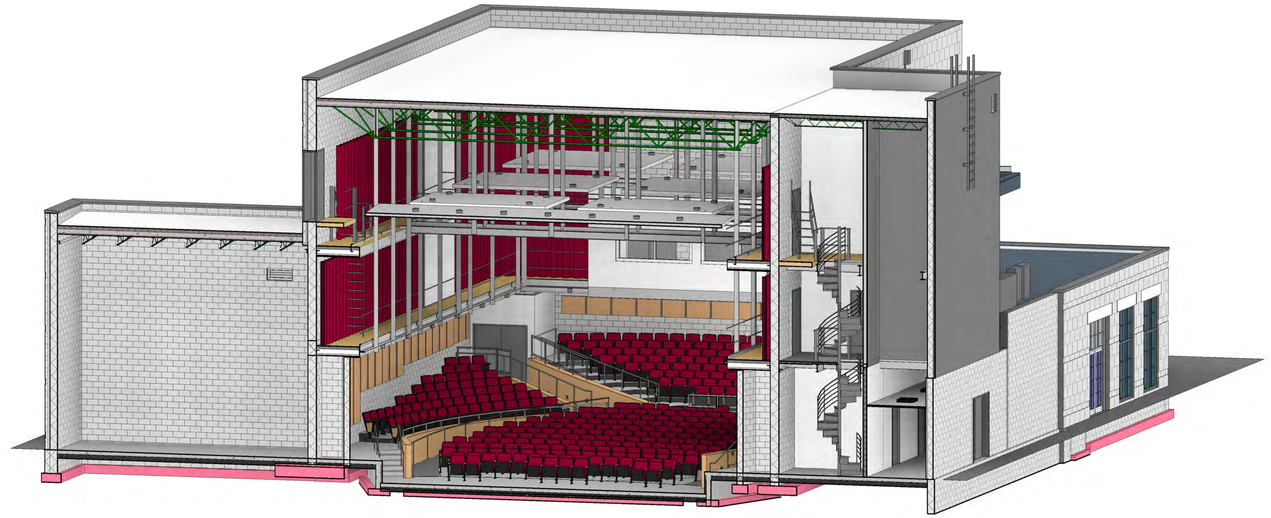
58 SOUTH COLUMBIA AVENUE
COLUMBUS, OHIO 43209

BUILDING SECTIONS

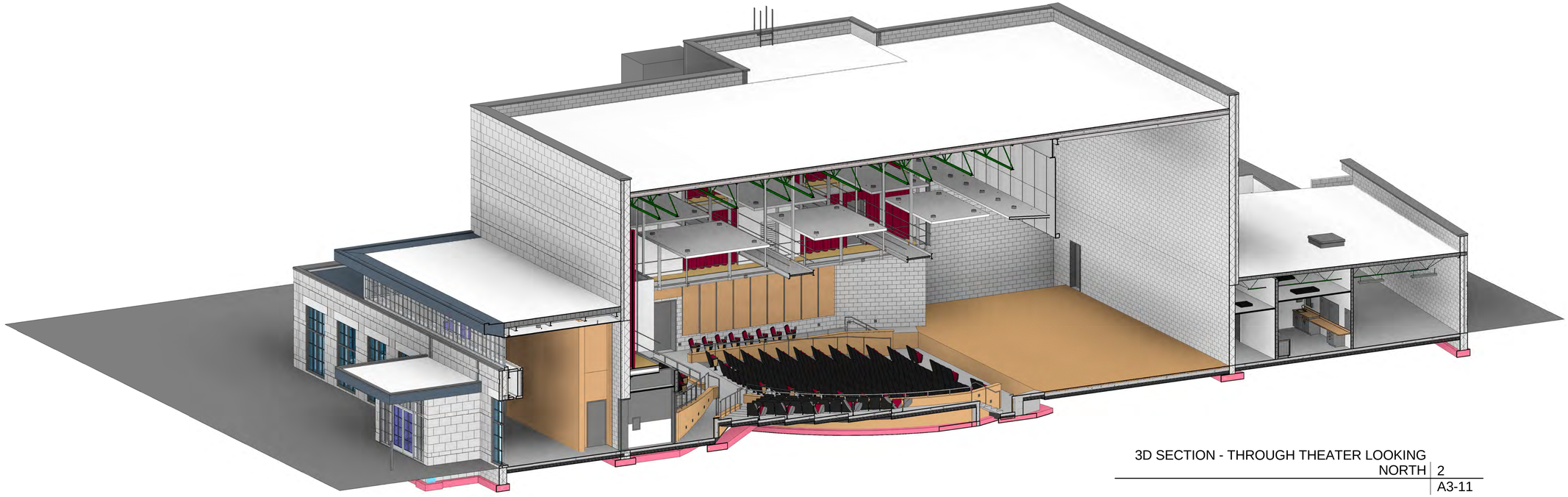
commission no. 0906.04
scale: 3/16" = 1'-0"
date: 02/07/2013
revised:

12

A3-6



3D SECTION - CENTER STAGE | 1
A3-11



3D SECTION - THROUGH THEATER LOOKING NORTH | 2
A3-11

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COLUMBUS SCHOOL FOR GIRLS

PHASE 2 ADDITION

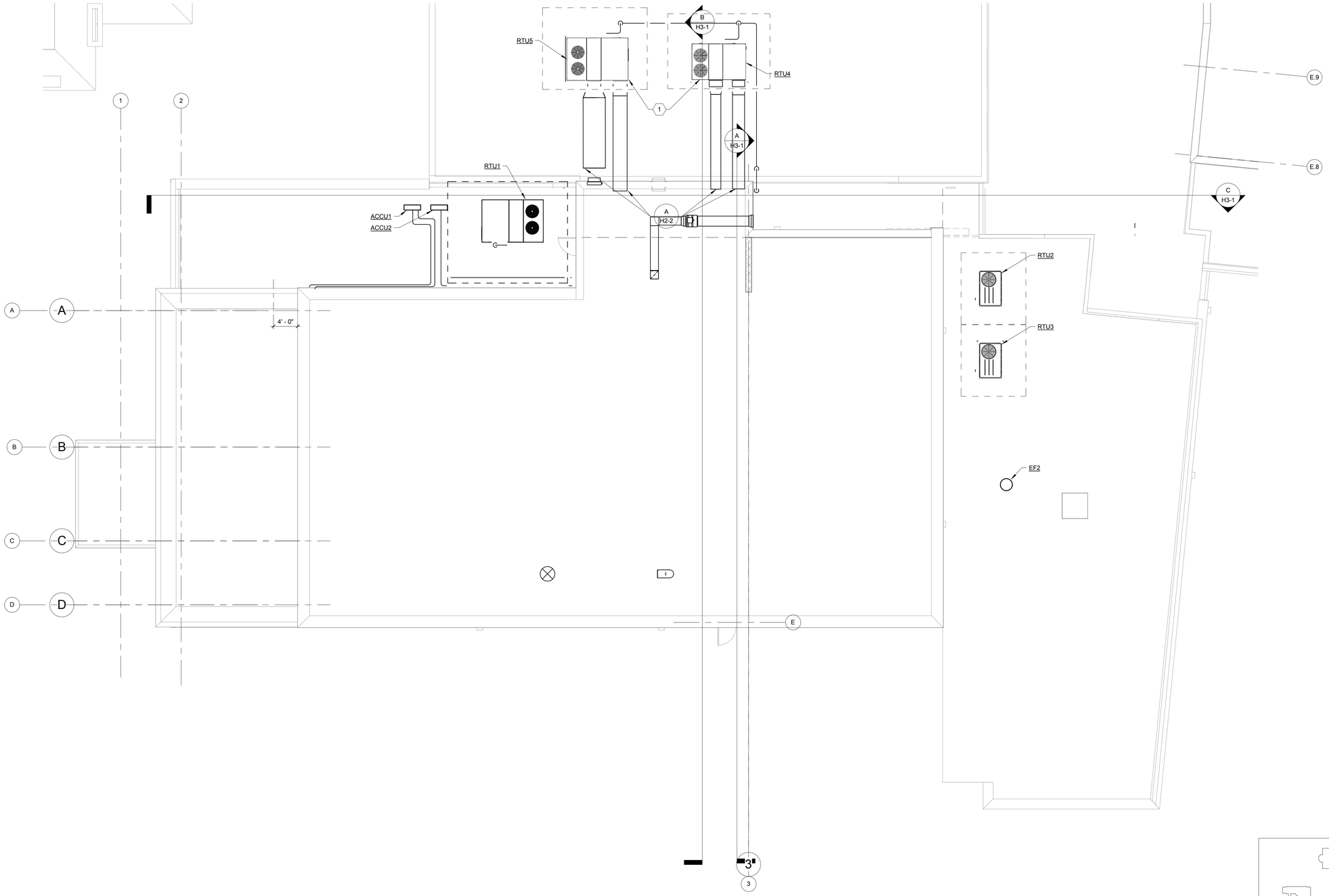
58 SOUTH COLUMBIA AVENUE
COLUMBUS, OHIO 43209

3D BUILDING SECTIONS

commission no. 0906.04
scale:
date: 02/07/2013
revised:

13

A3-11



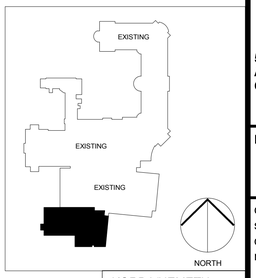
A ROOF HVAC PLAN

SCALE: 1/8" = 1'-0"

0' 1' 2' 4' 8'

CODED NOTES

1. MECHANICAL CONTRACTOR SHALL PROVIDE ROOF CURBS AND INSTALLATION OF CURB ON EXISTING ROOF. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK FOR INSTALLATION INCLUDING NEW FLASHING AND ROOF MEMBRANE TIE INTO EXISTING ROOFING.



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STATE OF OHIO
BRIAN C. STEPHENS
STATE OF OHIO
PROFESSIONAL ENGINEER
2/7/13

#	DATE	DESCRIPTION

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COLUMBUS SCHOOL FOR GIRLS

PHASE 2 ADDITION

58 SOUTH COLUMBIA AVENUE
COLUMBUS, OHIO 43209

ROOF HVAC PLAN

commission no. 0906.04
scale: 1/8" = 1'-0"
date: 02/07/2013
revised:

KORDA/NEMETH ENGINEERING, INC
1650 WATERMARK DRIVE
COLUMBUS OHIO, 43215
DESIGNED BY Eric Stephens
DRAWN BY Ann Guan
CHECKED BY Eric Stephens
JOB FILE 2012-0002

14

H2-3

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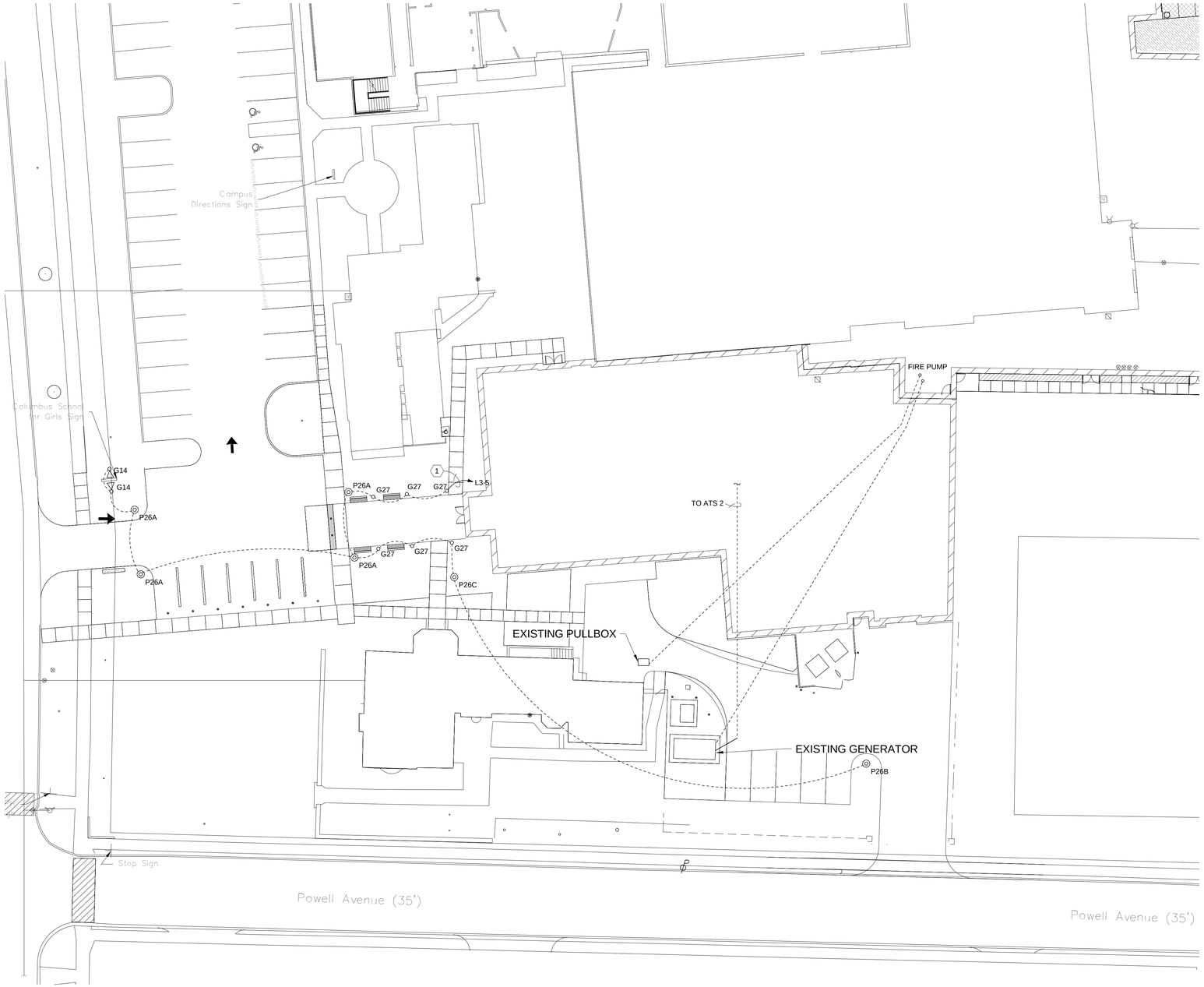
CODED NOTES

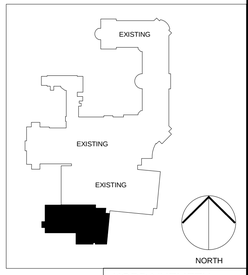
1. EXTEND THROUGHT RELAY PANEL



A ELECTRICAL SITE PLAN

SCALE: 1" = 20'-0"

0' 5' 10' 20' 40'



KORDA/NEMETH ENGINEERING, INC
1650 WATERMARK DRIVE
COLUMBUS OHIO, 43215
DESIGNED BY Stanley J. Kmonk
DRAWN BY Cory A. Cameron
CHECKED BY Checker
JOB FILE 2012-0002

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STANLEY J. KMONK
E-51379
REGISTERED
PROFESSIONAL ENGINEER
2/7/13

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COLUMBUS SCHOOL FOR GIRLS

PHASE 2 ADDITION

58 SOUTH COLUMBIA AVENUE
COLUMBUS, OHIO 43209

ELECTRICAL SITE PLAN

commission no. 0906.04
scale: 1" = 20'-0"
date: 02/07/2013
revised:

15

E1-1

RELAY PANEL SCHEDULE

RELAY PANEL # - RP5 LOCATION- ELECTRICAL ROOM

RELAY #	BRANCH CIRCUIT CONTROLLED	ZONE #
1	EP-1	1
2	EP-2	2
3	EP-3	2
4	EP-4	2
5	EP-5	2
6	EP-6	3
7	EP-7	4
8	EP-8	5
9	EP-9	5
10	SPARE	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-

LUMINAIRE (LIGHTING) FIXTURE SCHEDULE

NOTES: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: C-CEILING MOUNTED; S-SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; U-UNDERCABINET; P-POST; G-GROUND MOUNTED; X-UNIVERSAL MOUNTED; T-TRACK. PARTIAL MODEL NUMBERS MAY BE SHOWN AND ARE INTENDED TO INDICATE ACCEPTABLE MANUFACTURER'S PRODUCT LINE. EXACT MODEL NUMBERS MEETING THE FIXTURE DESCRIPTION SHALL BE OBTAINED FROM MANUFACTURER'S AGENTS. ALL FIXTURES MAY NOT BE USED - REFER TO PLANS. DIMENSIONS MAY VARY. REFER TO SPECIFICATIONS SECTIONS 16500 FOR ADDITIONAL REQUIREMENTS SUCH AS FUSING, DIMMING BALLAST AND MULTI-LEVEL SWITCHING REQUIREMENTS, ETC. REFER TO DRAWINGS FOR FIXTURES CIRCUITED TO DIMMERS (PROVIDE WITH DIMMING BALLASTS) AND SHOWN TO BE PROVIDED WITH MULTI-LEVEL CONTROL (PROVIDE WITH DUAL BALLASTS).

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE VOLTAGE	LAMP TYPE	APPROVED MANUFACTURERS
R1 R1A	8" DIA,12" DEEP,CEILING RECESSED LED DOWNLIGHT, 45° BEAM WIDTH, CLEAR SEMI-SPECULAR ALZAK RELECTOR, WHITE TRIM, 6500 LUMEN OUTPUT, BAR HANGERS, PREWIRED HOUSING, LM-80 TESTED. UL LISTING. 2700K DMX DIMMING MODULE 10 DEGREE SLOPED CEILING ADAPTER	120	LED	GOTHAM INCITO
R2 R2A	4" DIA, 8" DEEP, CEILING RECESSED LED DOWNLIGHT, 30 DEG BEAM WIDTH, SEMI SPEC ALZAK REFLECTOR, BAR HANGERS, IRIDESCENCE-FREE REFLECTOR,WHITE FLANGE, 1000 LUMEN OUTPUT. BAR HANGERS, PREWIRED HOUSING, LM-80 TESTED. UL LISTING. 3500K 1% DIMMABLE DRIVER	120	LED	GOTHAM EVO
R3	4" DIA, 8" DEEP, CEILING RECESSED LED DOWNLIGHT, 30 DEG BEAM WIDTH, SEMI SPEC ALZAK REFLECTOR, BAR HANGERS, IRIDESCENCE-FREE REFLECTOR,WHITE FLANGE, 1000 LUMEN OUTPUT. BAR HANGERS, PREWIRED HOUSING,LM-80 TESTED. UL LISTING. 3500K LENS, DAMP LOCATION FOR EXTERIOR CANOPY	120	LED	GOTHAM EVO
R4 R4A	4" DIA, 8" DEEP, CEILING RECESSED LED WALLWASHER DOWNLIGHT, SEMI SPEC ALZAK REFLECTOR, BAR HANGERS, IRIDESCENCE-FREE REFLECTOR,WHITE FLANGE, 5000 LUMEN OUTPUT. PREWIRED HOUSING, LM-80 TESTED. UL LISTING. 3500K DMX DIMMING MODULE 2000 LUMEN OUTPUT	120	LED	GOTHAM INCITO
R5	4" DIA, 6" DEEP, CEILING RECESSED LED DOWNLIGHT, 30 DEG BEAM WIDTH, SEMI SPEC ALZAK REFLECTOR, BAR HANGERS, IRIDESCENCE-FREE REFLECTOR,WHITE FLANGE, 2000 LUMEN OUTPUT. BAR HANGERS, PREWIRED HOUSING, LM-79, LM-80 TESTED. UL LISTING. 3500K, DMX DIMMING MODULE	120	LED	GOTHAM INCITO
W6	5" x 8" x 24", 2 LAMP, WALL MOUNTED FLUORESCENT BRACKET FIXTURE. UP LIGHT COMPONENT. ACRYLIC PRISMATIC LENS. BAKED WHITE ENAMEL STEEL HOUSING.	120	F017/835	LITHONIA WP SERIES
R7 R7B R7A	2' x 2', 2 LAMP, CEILING RECESSED FLUORESCENT DIRECT/ INDIRECT BASKET FIXTURE,CENTER MOUNTED PERFORATED SHIELD WITH ROUND PERFORATIONS,MATTE WHITE FINISH WITH ALUMINUM REFLECTORS,5.5" DEEP STEEL HOUSING,WHITE POLY OVRLY FLANGED FOR GYP BOARD 3L DUAL BALLAST WITH CENTER LAMP DARK BLUE LAMP SLEEVE	120	FT40 DL/835/RS	LITHONIA 2AVG SERIES
R8	2' x 4', 2 LAMP, CEILING RECESSED FLUORESCENT LENSED FIXTURE.	120	FO32/735	LITHONIA SP SERIES
S9 S9A	12" x 7" x 50", 2 LAMP, CHAIN MOUNTED FLUORESCENT INDUSTRIAL FIXTURE. WHITE BAKED ENAMEL STEEL HOUSING AND REFLECTOR. 20% UPLIGHT SLOTS. TURRET TYPE LAMP HOLDERS. WITH WIRE GUARDS. 4 LAMP	120	FO32/735	LITHONIA AF232 SERIES
X10	15" x 10" x 2" , UNIVERSAL CANOPY MOUNT, SINGLE FACE L.E.D. EDGE LIGHT EXIT SIGN, WITH MOLDED CLEAR ACRYLIC SIGN PANEL, RED LETTERS, DIRECTIONAL ARROWS.	120	LED	LITHONIA EDG SERIES
W11	WALL MTD ADJUSTABLE SHEILDED BULLET WITH BLUE INCAND LAMP	120	60A19 BLUE	SPJLIGHTING
W12	5" x 5" x 48", 2 LAMP, VERTICALLY WALL MOUNTED FLUORESCENT STRIP FIXTURE, WHITE BAKED ENAMEL STEEL HOUSING, WIRE GUARD	120	FO32/735	LITHONIA C SERIES
W13	CONTINUOUS COVE MOUNTED LED INDIRECT FIXTURE, LENGTH AS SHOWN ON DRAWINGS, REMOTE MOUNTED DRIVER.	120	LED	ECOSENSE
G14	10"x8"x11" GROUND MOUNTED LED FLOOD LIGHT, DIE CAST ALUMINUM HOUSING AND KNUCKLES, SPECULAR AZLAK FINISH REFLECTOR, STAINLES STEEL HARDWARE, WET LOCATION UL LISTING. 4000K, 3600 LUMENS, 41 WATTS	277	LED	LITHONIA DSXF1

LUMINAIRE (LIGHTING) FIXTURE SCHEDULE

NOTES: FIXTURE NUMBER, LETTER PREFIX INDICATES TYPE OF MOUNTING AS FOLLOWS: C-CEILING MOUNTED; S-SUSPENDED; W-WALL MOUNTED; R-CEILING RECESSED; WR-WALL RECESSED; CV-COVE MOUNTED; U-UNDERCABINET; P-POST; G-GROUND MOUNTED; X-UNIVERSAL MOUNTED; T-TRACK. PARTIAL MODEL NUMBERS MAY BE SHOWN AND ARE INTENDED TO INDICATE ACCEPTABLE MANUFACTURER'S PRODUCT LINE. EXACT MODEL NUMBERS MEETING THE FIXTURE DESCRIPTION SHALL BE OBTAINED FROM MANUFACTURER'S AGENTS. ALL FIXTURES MAY NOT BE USED - REFER TO PLANS. DIMENSIONS MAY VARY. REFER TO SPECIFICATIONS SECTIONS 16500 FOR ADDITIONAL REQUIREMENTS SUCH AS FUSING, DIMMING BALLAST AND MULTI-LEVEL SWITCHING REQUIREMENTS, ETC. REFER TO DRAWINGS FOR FIXTURES CIRCUITED TO DIMMERS (PROVIDE WITH DIMMING BALLASTS) AND SHOWN TO BE PROVIDED WITH MULTI-LEVEL CONTROL (PROVIDE WITH DUAL BALLASTS).

FIXTURE NUMBER	FIXTURE DESCRIPTION	FIXTURE VOLTAGE	LAMP TYPE	APPROVED MANUFACTURERS
W15	6"X2"X4" WALL RECESSED 6W LED STEP LIGHT, CAST HOUSING, BRUSHED SS TRIM, MICROLOUVER LENS INTERNAL POWER SUPPLY	120	LED	BEGA
R16	4"X 4"X 48" RECESSED 1 LAMP FLUOR LINEAR DOWNLIGHT, LENS,	277	F32T8	MARK LOT 4
W17	30" LONG X 2" X 4" WALL MOUNTED INCAND 5 LAMP OVER MIRROR CHROME BASE. WIREGUARD INSTALL VERICALLY BETWEEN MIRRORS	120	60W A19	TIVOLI
W18	WALL MTD LED CYLINDER DOWNLIGHT, BLUE TRIM, INTERNAL PS, 1100 LUMEN 0-10V DIMMING POWER SUPPLY	120	LED	INTENSE
W19	WALL MTD, LED FLOODLIGHT, WIDE DISTRIBUTION, 4000K, 13000 LUMENS, 158W.	120	LED	LITHONIA DSXF3
W20	7" x 5" x 48", 2 LAMP, WALL MOUNTED FLUORESCENT BRACKET FIXTURE, UP LIGHT COMPONENT, ACRYLIC PRISMATIC LENS WITH SPRING LATCHES, EXTRUDED ALUMINUM HOUSING WITH BRUSHED ALUMINUM ENDS. INTEGRAL OCC SENSOR, 100% OCC/10% NONOCCUPIED MODES	277	F32T8	LITHONIA WL4
W21 W21A	5" DIA, 10" HEIGHT, 150W, WALL MOUNTED, GASKETED INCANDESCENT VAPORTITE FIXTURE, BLUE TEMPERED GLASS GLOBE, CAST ALUMINUM GUARD, WALL BOX ADAPTOR, DAMP LOCATION UL LISTING. PROVIDE WHITE GLOBE FOR LOW CATWALK LTG	120	150A23 LED EQUIV	CANLET
W22	4"X3"X4" EXTERIOR WALL MTD AREA LIGHT, CAST ALUM HOUSING GASKETED TEMPERED GLASS LENS, SS HARDWARE, WET LOC UL	120	35W MR16 LED EQUIV	DEEL ORIGINAL
R23	CONTINUOUS STAGE RECESSED SAFETY ROPE LIGHT, BLUE LED, 12 IN LAMP SPACING, LOW VOLT POWER SUPPLY	120	LED	ROBERTS
R24	4" DIA, 8" DEEP, CEILING RECESSED LED DOWNLIGHT, SEMI SPEC ALZAK REFLECTOR, BAR HANGERS, IRIDESCENCE-FREE REFLECTOR,WHITE FLANGE, 5000 LUMEN OUTPUT. PREWIRED HOUSING, LM-80 TESTED. UL LISTING. 3500K DMX DIMMING MODULE	120	LED	GOTHAM INCITO
X25	12" x 11" x 3", UNIVERSAL CANOPY MOUNT, SINGLE FACE, L.E.D. EXIT SIGN, WHITE POLY HOUSING AND FACE, RED LETTERS, DIRECTIONAL ARROWS.	277	W/FIXTURE	LITHONIA LQM SERIES
P26A P26B P26C	16"X20" POLE MTD METAL HALIDE HEXAGONAL AREA LIGHT, DARK BRONZE BAKED ENAMEL ALUMINUM HOUSING&POLE, POLY LENS, GASKETED HINGED ALUM DOOR, GLASS REFRACTOR, WET LOC 12'HIGH 4" ROUND STRAIGHT STEEL POLE WITH WIDE FLUTED BASE 15' POLE 8' POLE	277	M100/C/U	PACIFIC LIGHTING STDS CO - VICTORIAN GOTHIC
G27	GROUND RECESSED WALK LIGHT,			GARDCO MANTARAY

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ARCHITECT
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STATE OF OHIO STANLEY J. KMONK E-51379 REGISTERED PROFESSIONAL ENGINEER
2/7/13

#	DATE	DESCRIPTION

CLIENT

COLUMBUS SCHOOL FOR GIRLS

PHASE 2 ADDITION

58 SOUTH COLUMBIA AVENUE
COLUMBUS, OHIO 43209

LUMINAIRE SCHEDULE

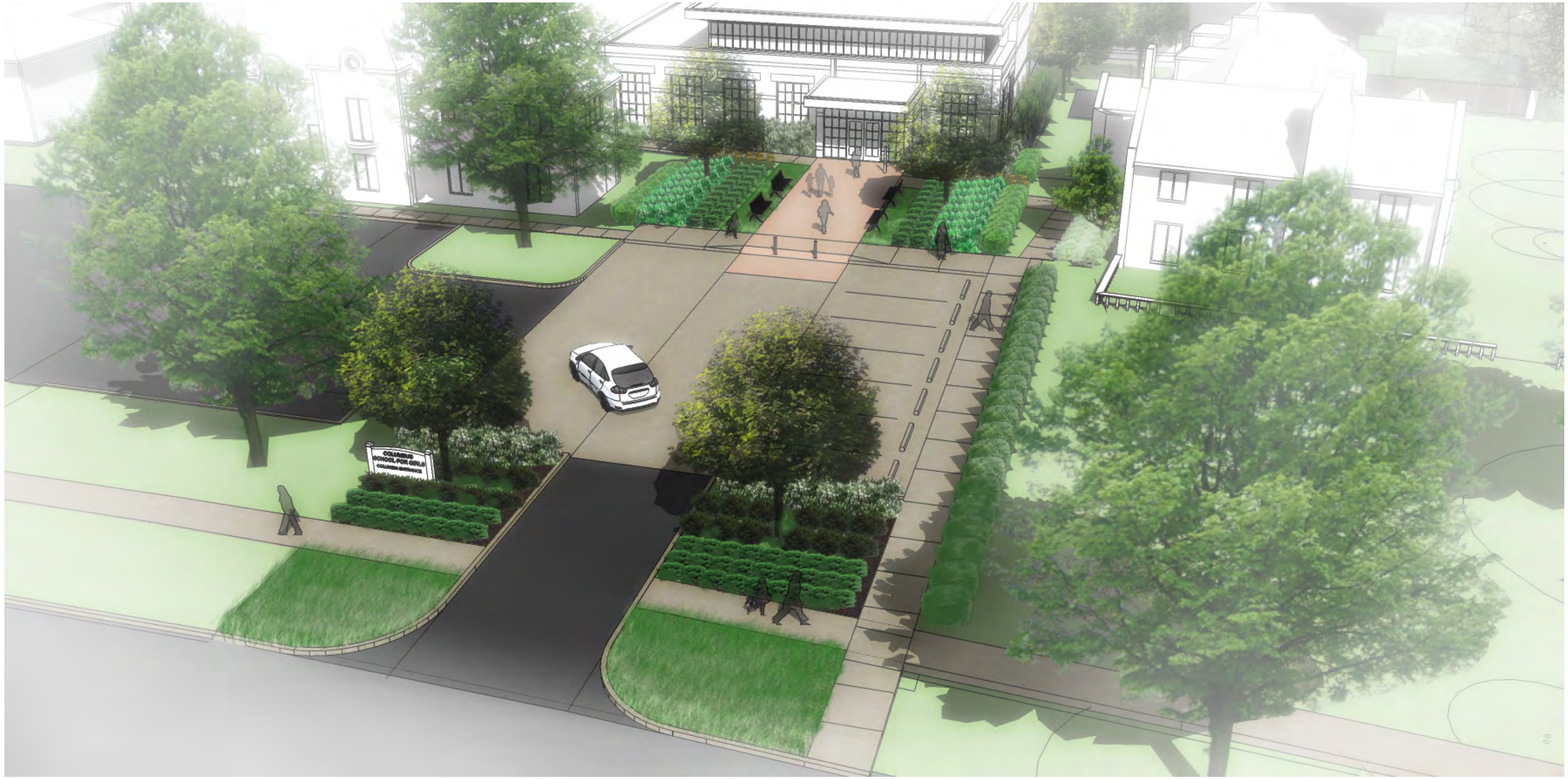
commission no. 0906.04
scale:
date: 02/07/2013
revised:

KORDA/NEMETH ENGINEERING, INC
1650 WATERMARK DRIVE
COLUMBUS OHIO, 43215
DESIGNED BY Stanley J. Kmonk
DRAWN BY Cory A. Cameron
CHECKED BY Checker
JOB FILE 2012-0002

Aerial View From Southwest

Ground Level View From West (Columbia Avenue)

Ground Level View From Entrance Court



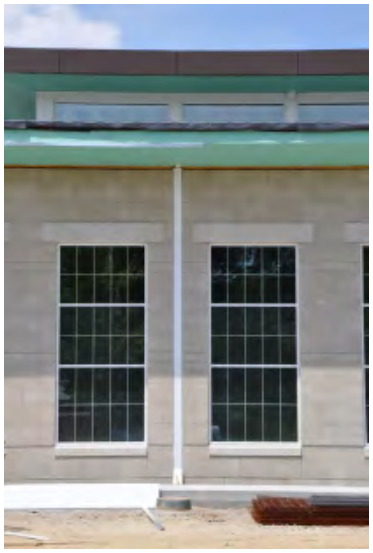
Aerial View of Entrance Court

Materials and Detailing

The materials and detailing of the Phase 2 Arts Addition on Columbia Avenue will be similar to that of the completed Phase 1 Wellness Addition and Renovation on Drexel Avenue.

Drexel Athletics Entrance, Dining Addition, and Main Entrance

View from Drexel Sidewalk



Window Style and Spacing

Pool Addition

Athletics Entrance Lobby

Athletics Entrance Lobby

Pool