

City of Beaufort Fire Station #2

Project Narrative

The new building will be approximately a 10,000 square foot, two-story, "neighborhood" model fire station. The building will be located at the front of the site as required by the 15' build-to line. The building footprint and site orientation will allow for future bay expansion to the south and expansion of the living / work quarters to the west. Access will be gained to the site from both Ribaut Road to the east and Bowling Alley Lane to the west. General parking and the fire truck apron will be situated behind the building. The structure of the building will be constructed from durable materials consisting of steel framing, load bearing concrete masonry units, and metal studs. The exterior theme of the building will incorporate "Low Country" design elements while also maintaining the iconic image of a fire station. This will be accomplished by the use of cementitious siding, stucco, sloped metal roofs, covered porches, and large sectional glass doors. Interior spaces on the first floor will consist of the apparatus bay and support spaces, an entrance lobby with reception, and a large community / training room. The second floor will consist of the fire fighters living quarters which will include a fitness room, kitchen and dayroom, an outdoor covered porch, laundry and shower facilities, and sleeping quarters.

**CITY OF BEAUFORT
DESIGN REVIEW BOARD
Staff Report
Meeting of June 11, 2014**

Case Number:	14-02 DRB.2
Project:	Fire Station #2
Applicant:	Hussey, Gay, Bell & DeYoung for the City of Beaufort
Property Address:	1120 Ribaut Road
Parcel #:	R120-007-000-087N-0000
Zoning:	GC – General Commercial
Type of Review:	Architecture and Site Plan - Final

Request:

The applicant is requesting final approval for the design of a new Fire Station building.

Background:

The proposed project is located at 1120 Ribaut Road. The design is for a 10,000 SF Neighborhood Fire Station that has the potential to expand into a Headquarters Station. There are two main components of the building: the apparatus bay, and the office/living quarters. The goal of the siting and the architecture is to make this building visible and iconic, yet compatible with Lowcountry architecture, and for it to set the precedent for future development along Ribaut Rd.

This project appeared before the DRB in April 2013. The board gave preliminary approval to this project with the following conditions:

On the Site:

- Modify curb radii as per staff report;
- Remove pines located near the building, on both the north and south, and replace with appropriate landscaping. This should be shown on future landscaping plan;
- Add protection for parallel parking spaces at New Road intersection with parking lots;
- Straighten sidewalk and add street tree plantings on future landscaping plan; and
- Generator must be screened. Please submit screening detail at the next submission.

On the Building:

- On the rear elevation, center the door under the archway, unless it interferes with the interior; and
- DRB strongly supports the entire building be made of brick, with a stucco apparatus bay.

Zoning: This property is zoned General Commercial.

Setbacks:

Front Build-to:	15-20'
Side:	10'
Rear:	10'
Maximum Site Coverage:	65% - <i>shown at 50%</i>

Maximum Height: 50'

Site Plan:

- **Access:**
 - The parallel parking spaces have been moved further away from the site entrance to address the comment of safety and protection in this area. Paving details have also been changed to address this as well.
 - The sidewalk has been straightened as it approaches Ribaut Road.
- **Parking:** all requirements have been met.
- **Stormwater Management:** This will be shared with the parcel on the other side of the rear access lane. Some detention will be located on site as well in the areas depicted.
- Details of the screening must be submitted. Staff recommends stuccoed piers with Hardie butt board painted to match the building.
- What is the ratio of pervious to impervious area shown in this plan?
- A lighting plan will be required.
-

Architecture:

- This rendering has been modified as per board comments to be a brick building. The apparatus bay is CMU faced with stucco, with a brick base.
- On the rear elevation, the arches have been centered in the column bays, and the doors centered in the arches.
- Staff feels that the comments made by the board at the previous meeting have been addressed.

Lighting:

- A photometric plan with site and building lighting is required.
- Full cut-off fixtures are required.

Landscaping:

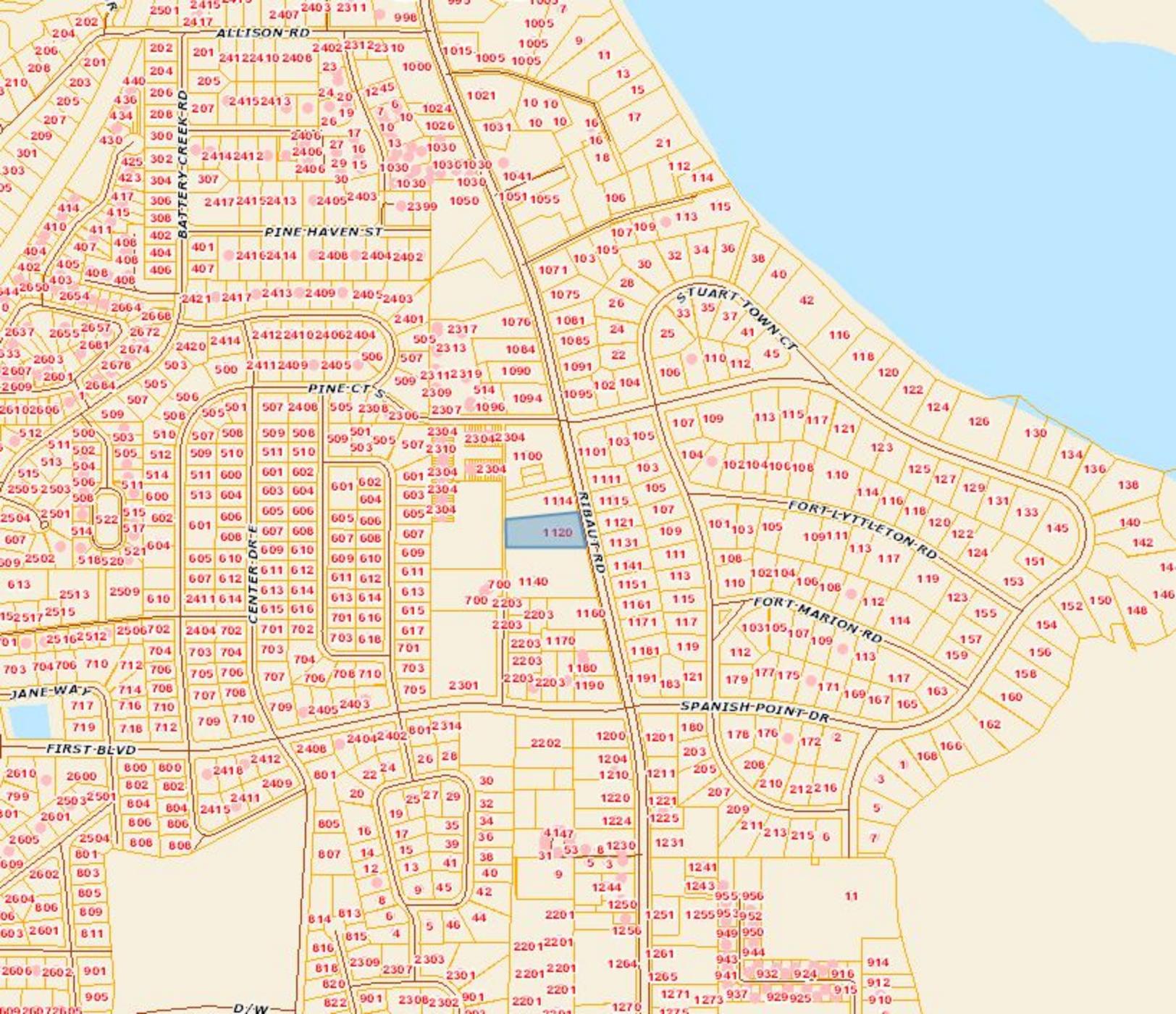
- After evaluation by the city's landscape architect/arborist Liza Hill, none of the existing trees on site were determined to be of any significance. The majority of the trees, are proposed to be removed.
- The landscape plan and final civil/site drawings will need to be coordinated, particularly with regard to the front plaza, and stormwater detention areas.

Signage:

- A separate sign application must be submitted for approval of signage.

Staff Recommendation:

Staff recommends Final Approval as submitted, with the lighting plan, final landscaping plan, and dumpster screen to be approved by staff.



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BEAUFORT FIRE STATION #2

City of Beaufort

DESIGN DEVELOPMENT SUBMITTAL

5/30/14

NOT FOR CONSTRUCTION



A Bell Company

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DELTA ENGINEERING GROUP, LLC.

CONSULTING ENGINEERS CONSTRUCTION MANAGERS

Revision Schedule		
Revision Number	Revision Date	Revision Description

INDEX OF DRAWINGS

Sheet List			Sheet List		
Discipline Series	Sheet Number	Sheet Name	Discipline Series	Sheet Number	Sheet Name
01 - GENERAL	T1.1	COVER SHEET	05 - PLUMBING	P-101	FIRST AND SECOND FLOOR WASTE AND VENT PLAN
				P-201	FIRST AND SECOND FLOOR UTILITIES PIPING PLAN
				P-301	PLUMBING DETAILS, NOTES, LEGENDS AND SCHEDULES
02 - CIVIL	C-101	CONSTRUCTION NOTES & LEGEND	06 - FIRE PROTECTION	FP-101	FIRE PROTECTION PLANS
	C-201	TOPOGRAPHIC SURVEY AND DEMOLITION STAKES AND LAYOUT PLAN	07 - MECHANICAL	M-101	HVAC FIRST FLOOR PLAN
	C-401	PAVING, GRADING & DRAINAGE PLAN		M-102	HVAC SECOND FLOOR PLAN
	C-501	WATER AND SANITARY SEWER PLAN		M-201	HVAC DETAILS
	C-701	CONSTRUCTION DETAILS		M-202	HVAC DETAILS
	C-102	CONSTRUCTION DETAILS		M-301	HVAC SCHEDULES, NOTES & LEGEND
	C-103	CONSTRUCTION DETAILS	08 - ELECTRICAL	E-001	ELECTRICAL LEGEND
	LS-101	LANDSCAPING PLAN		E-101	LIGHTING PLANS
	LS-201	LANDSCAPING DETAILS		E-201	POWER PLANS
	TS-101	SIGNAL PLAN		E-301	FIRE ALARM PLANS
03 - STRUCTURAL	S1.0	GENERAL NOTES		E-401	ELECTRICAL ONE LINES AND SCHEDULES
	S1.1	GENERAL NOTES		E-501	ELECTRICAL DETAILS
	S1.5	CHU DETAILS			
	S2.1	FOUNDATION PLAN			
	S3.1	FOUNDATION SECTIONS AND DETAILS			
	S4.1	FLOOR SLAB PLAN			
	S5.1	FLOOR SLAB SECTIONS AND DETAILS			
	S6.1	SECOND FLOOR/LOW ROOF PLAN			
	S6.2	HIGH ROOF FRAMING PLAN			
	S7.1	FRAMING SECTIONS AND DETAILS			
	S7.2	FRAMING SECTIONS AND DETAILS			
	S8.1	BRACED FRAME ELEVATIONS AND DETAILS			
04 - ARCHITECTURAL	A-001	LIFE SAFETY PLANS			
	A-101	FIRST FLOOR PLAN			
	A-102	SECOND FLOOR PLAN			
	A-103	ROOF PLAN			
	A-201	ELEVATIONS			
	A-202	ELEVATIONS			
	A-301	ENLARGED PLANS			
	A-401	SECTIONS			
	A-402	SECTIONS			
	A-501	WALL SECTIONS			
	A-601	DOOR SCHEDULE			
	A-701	INTERIOR ELEVATIONS			
	A-801	FIRST FLOOR REFLECTED CEILING PLAN			
	A-802	SECOND FLOOR REFLECTED CEILING PLAN			
	A-901	FINISH SCHEDULE			

PROJECT DATA

Occupancy Type:
 IBC Section 304 - Assembly A-3
 Residential Group R-3
 Low Hazard Storage S-2
 NFPA 101, Chapter 12 - New Assembly

Construction Type:
 Type II B (IBC)
 Type II (000), Sprinklered (NFPA 220)

Gross Project Area:

1st Floor	7,247 sq ft
2nd Floor	4,177 sq ft
Total	13,424 sq ft

STAMPS

APPLICABLE CODES

International Building Code, 2012 Edition
 NFPA 101, Life Safety Code, 2000 Edition
 International Fire Code, 2012 Edition
 International Plumbing Code, 2012 Edition
 International Mechanical Code, 2012 Edition
 International Fuel Gas Code, 2012 Edition
 International Electrical Code, 2012 Edition

LOCATION MAP



DATE: 6/6/2014 8:59:06 AM



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BEAUFORT FIRE STATION #2
 1120 Ribaut Road
 City of Beaufort
 TOPOGRAPHIC SURVEY AND DEMOLITION

Revision Number	Revision Date	Revision Description

DESIGNED: CJC
 DRAWN: JJM
 CHECKED: CJC
 DATE: 6/6/14
 JOB NO. 113273479
 SCALE: 1" = 20'

DRAWING NUMBER
C-201

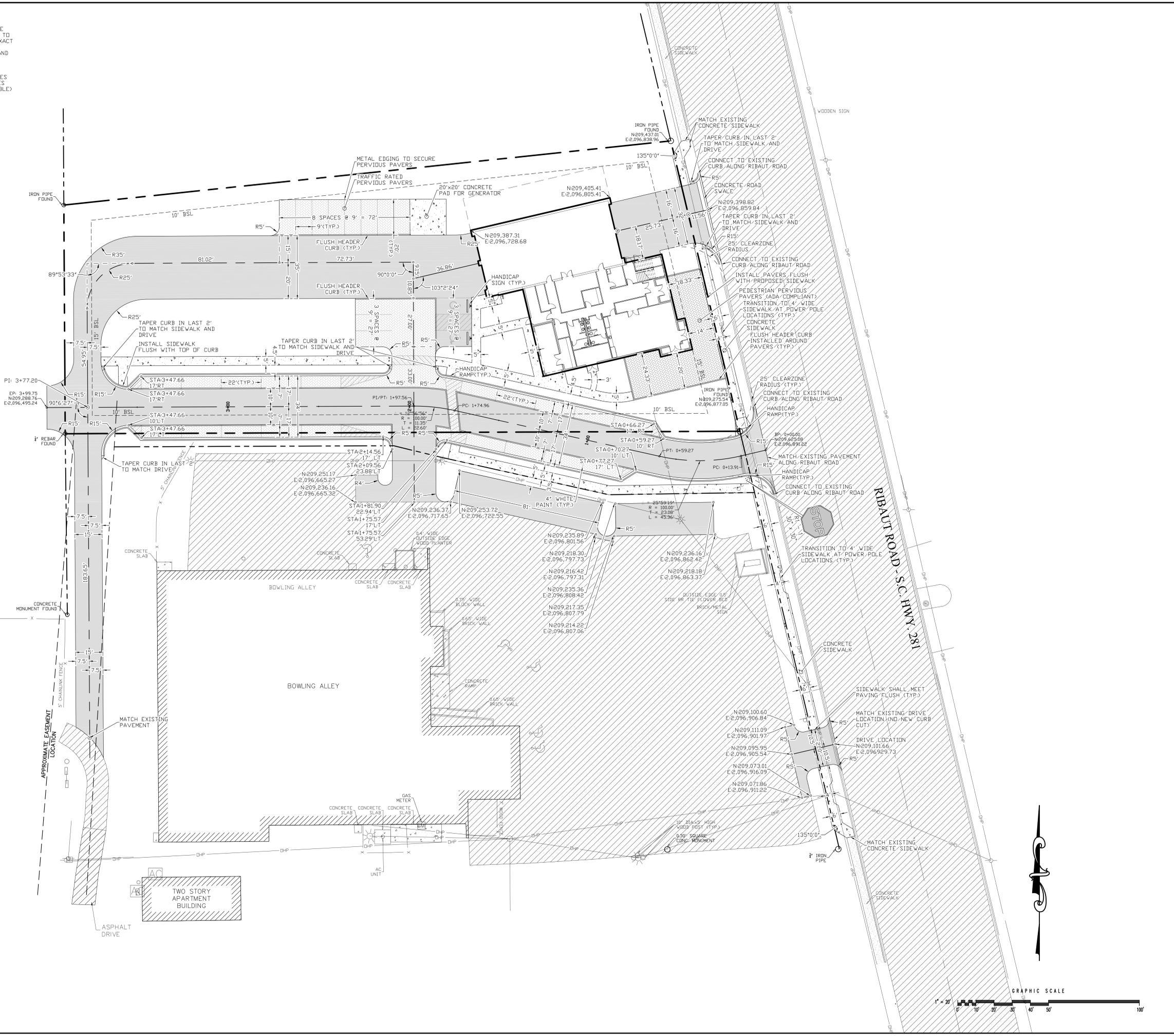


I.E. = 13.98
 18" RCP

SPECIAL NOTE
 THE BUILDING SIZE AND SHAPE SHOWN ON THE SITE PLANS SHALL BE CONSIDERED APPROXIMATE. REFER TO ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR EXACT BUILDING DIMENSIONS. REFER TO ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR KEY DIMENSIONS AND ADDITIONAL LAYOUT INFORMATION.

PARKING CALCULATIONS
 ON SITE PARKING = 11 STANDARD PARKING SPACES
 2 HANDICAP PARKING SPACES (INCLUDING 1 VAN ACCESSIBLE)
 ON-STREET PARKING = 19 STANDARD SPACES

IMPERVIOUS COVERAGE
 SITE SIZE = 51,289 SF = 1.18 AC.
 IMPERVIOUS COVERAGE = 25,612 SF = 0.59 AC.
 IMPERVIOUS PERCENTAGE = 0.59 AC. = 50%
 1.18 AC.



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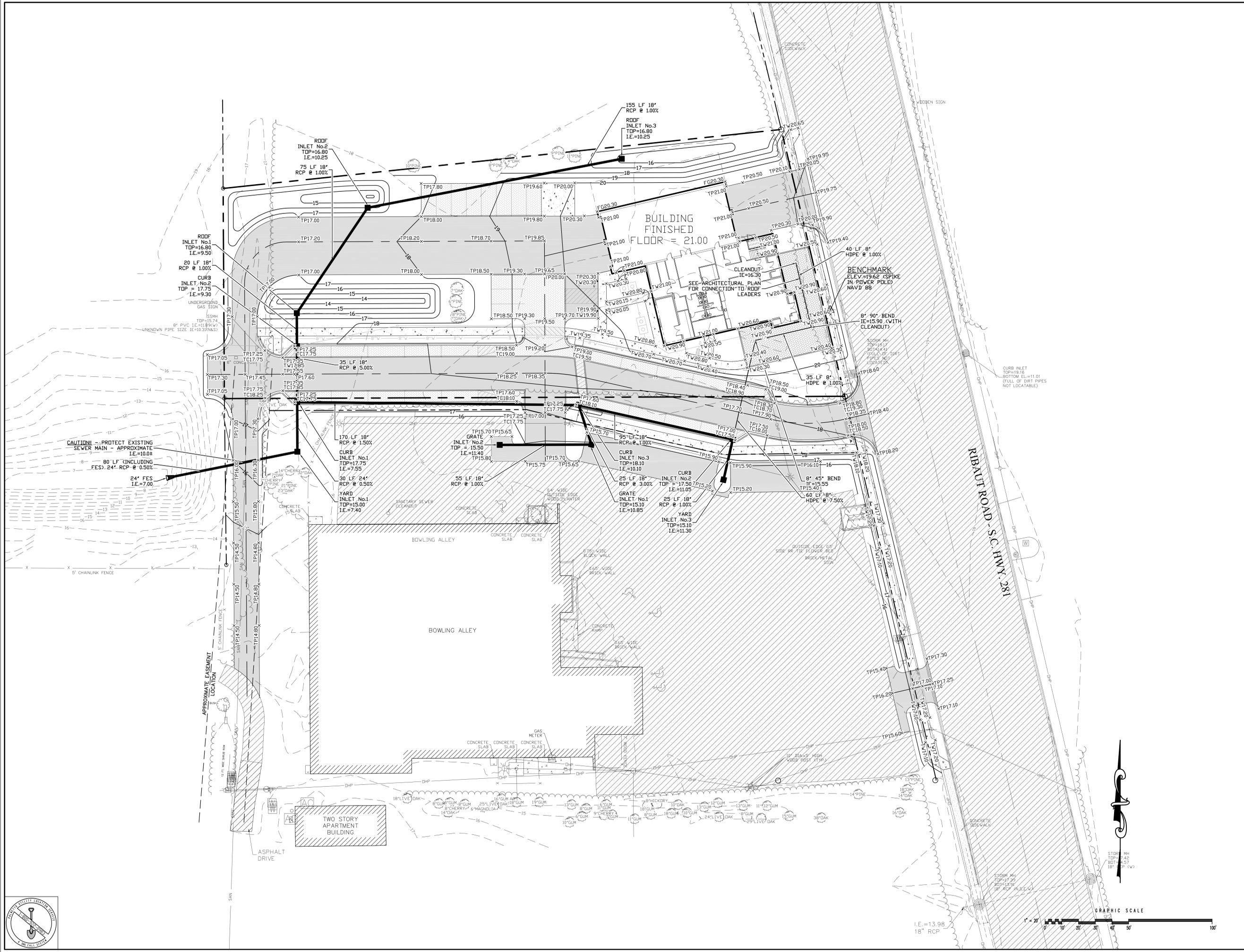
BEAUFORT FIRE STATION #2
 1120 Ribaut Road
 City of Beaufort
 STAKING AND LAYOUT PLAN

Revision Number	Revision Date	Revision Description

DESIGNED: CJC
 DRAWN: JJM
 CHECKED: CJC
 DATE: 6/6/14
 JOB NO. 113273479
 SCALE: 1" = 20'

DRAWING NUMBER
C-401





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BEAUFORT FIRE STATION #2
 1120 Ribaut Road
 City of Beaufort
 PAVING, GRADING & DRAINAGE PLAN

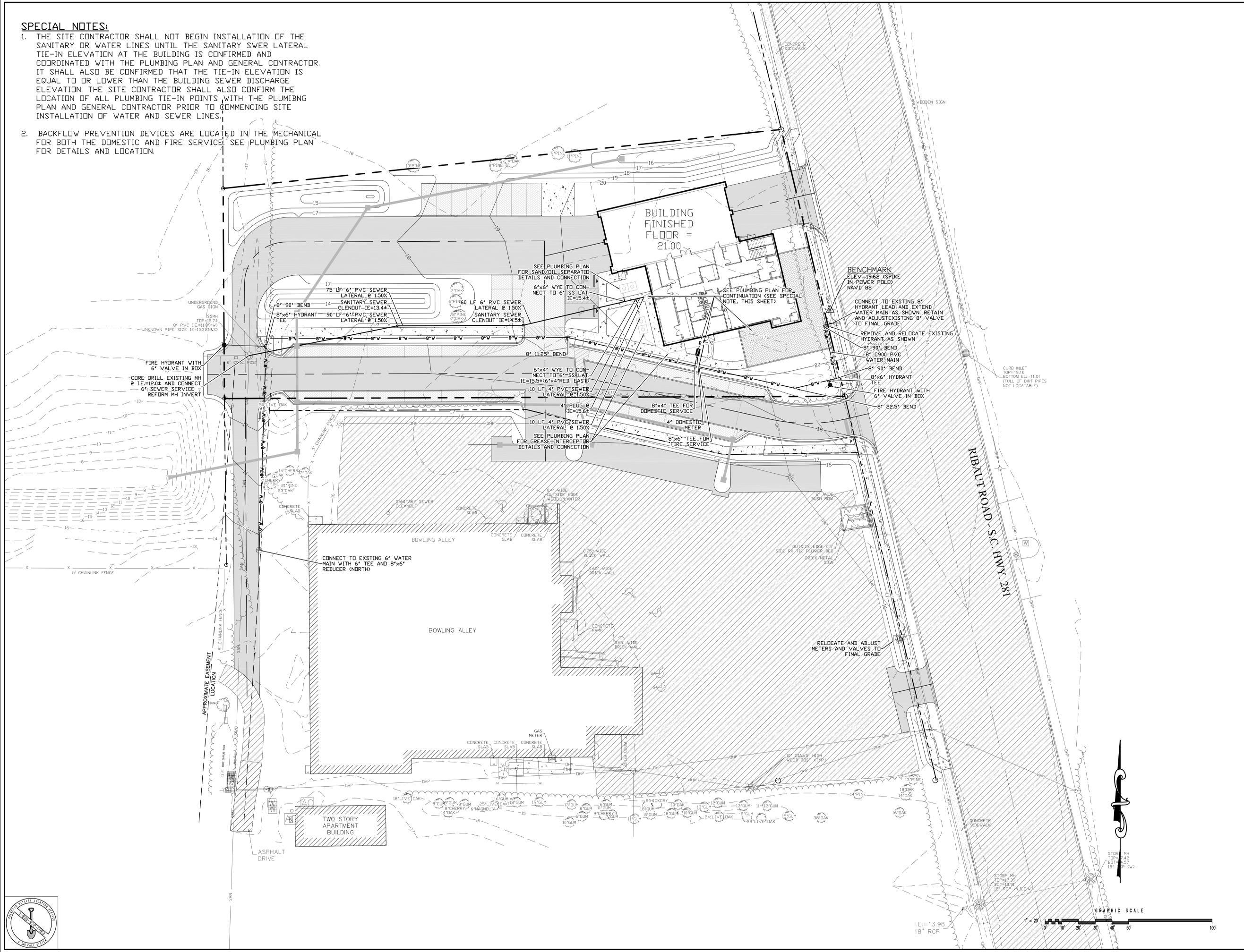
Revision Number	Revision Date	Revision Description

DESIGNED: CJC
 DRAWN: JJM
 CHECKED: CJC
 DATE: 6/6/14
 JOB NO. 113273479
 SCALE: 1" = 20'

DRAWING NUMBER
C-501

SPECIAL NOTES:

1. THE SITE CONTRACTOR SHALL NOT BEGIN INSTALLATION OF THE SANITARY OR WATER LINES UNTIL THE SANITARY SWER LATERAL TIE-IN ELEVATION AT THE BUILDING IS CONFIRMED AND COORDINATED WITH THE PLUMBING PLAN AND GENERAL CONTRACTOR. IT SHALL ALSO BE CONFIRMED THAT THE TIE-IN ELEVATION IS EQUAL TO OR LOWER THAN THE BUILDING SEWER DISCHARGE ELEVATION. THE SITE CONTRACTOR SHALL ALSO CONFIRM THE LOCATION OF ALL PLUMBING TIE-IN POINTS WITH THE PLUMBING PLAN AND GENERAL CONTRACTOR PRIOR TO COMMENCING SITE INSTALLATION OF WATER AND SEWER LINES.
2. BACKFLOW PREVENTION DEVICES ARE LOCATED IN THE MECHANICAL FOR BOTH THE DOMESTIC AND FIRE SERVICE. SEE PLUMBING PLAN FOR DETAILS AND LOCATION.



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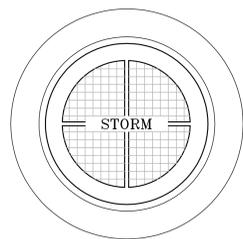


BEAUFORT FIRE STATION #2
 1120 Ribaut Road
 City of Beaufort
 WATER AND SANITARY SEWER PLAN

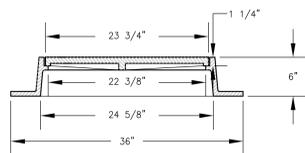
Revision Number	Revision Date	Revision Description

DESIGNED: CJC
 DRAWN: JJM
 CHECKED: CJC
 DATE: 6/6/14
 JOB NO. 113273479
 SCALE: 1" = 20'

DRAWING NUMBER
C-601



PLAN

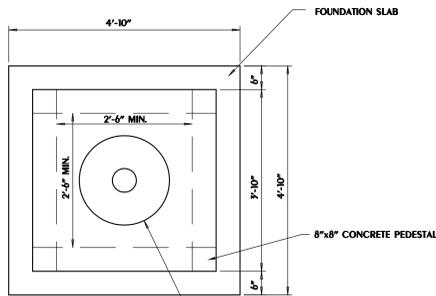


SECTION

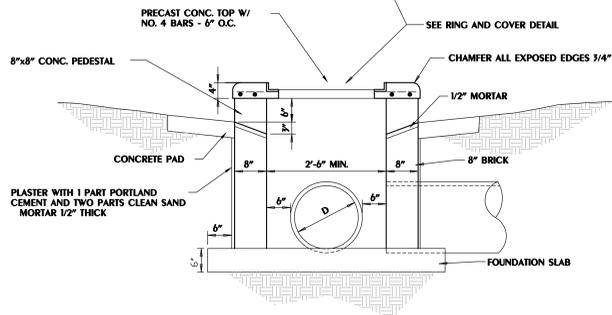
NOTE:
MANHOLE RIM & COVER SIMILAR TO U.S. FOUNDRY CO. USF 175-E. TOTAL WEIGHT 280# TYPE 2. LID TO HAVE MACHINED BEARING SURFACES. LID TO BE LETTERED "STORM" (NOT VENTED).

STORM MANHOLE RING & COVER

N.T.S.



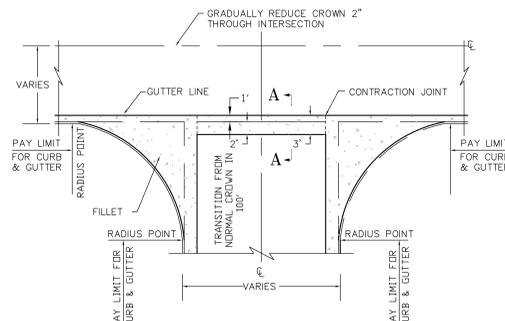
PLAN



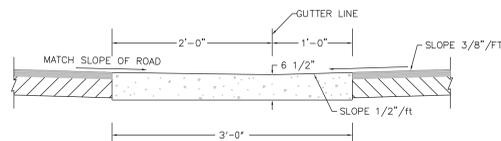
ELEVATION

ROOF INLET DETAIL

N.T.S.



PLAN VIEW

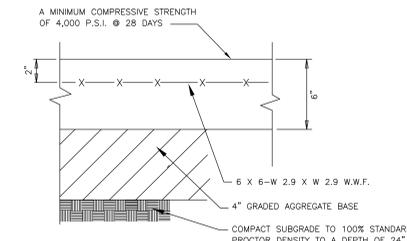


SECTION A-A

NOTE: COMPACTED SUBBASE TO 100% STANDARD (ASTM D-698)

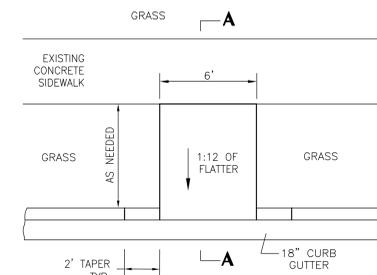
CONCRETE SWALE WITH FILLETS

N.T.S.

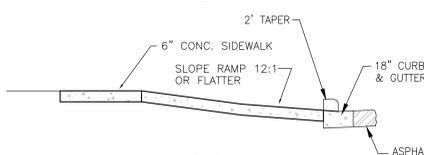


TYPICAL CONCRETE PAVEMENT SECTION

N.T.S.



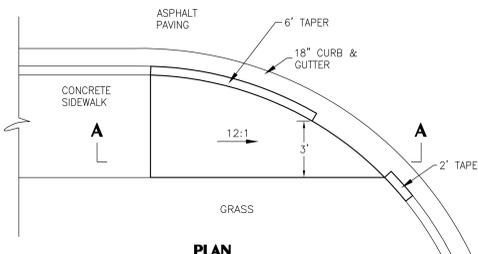
PLAN



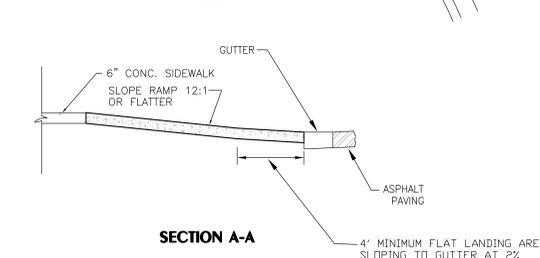
SECTION A-A

HANDICAP RAMP DETAILS (P18)

N.T.S.



PLAN

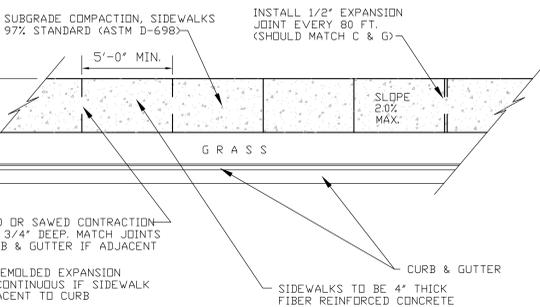


SECTION A-A

NOTE: RAMP SHALL HAVE BOTH A VISIBLE COLOR DIFFERENCE AND A RAISED TACTILE SURFACE TO SEPARATE IT FROM SIDEWALK.

HANDICAP RAMP DETAILS (P17)

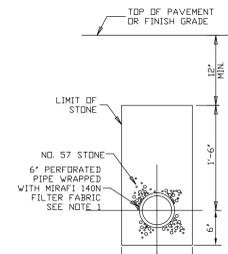
N.T.S.



NOTE:
CONTRACTION JOINTS SPACING TO BE THE SAME AS WIDTH OF WALK.

SIDEWALK AND WALKWAY DETAIL

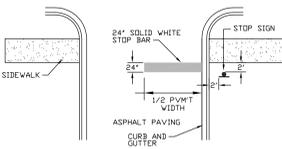
N.T.S.



NOTES:
1. PROVIDE POSITIVE SLOPE IN PIPE TO CURB INLETS.
2. SUBGRADE DRAINS SHALL BE INSTALLED SO THAT THE TOP OF THE PIPE IS NO HIGHER THAN THE BOTTOM OF THE SUB-GRADE MATERIAL AND THE INVERT IS NO LOWER THAN THE STATIC WATER LEVELS OF THE CONNECTING SYSTEM.
3. SUBGRADE DRAINS SHALL BE INSTALLED SUCH THAT NO NON-GRANULAR MATERIAL IS BETWEEN THE SUBGRADE MATERIAL AND THE SUBGRADE DRAIN MATERIAL.

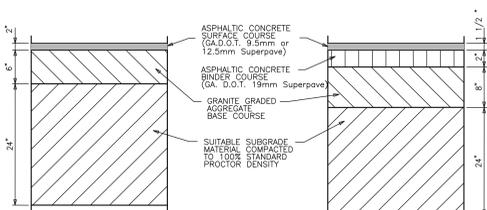
SUBGRADE DRAIN

N.T.S.



24" SOLID WHITE STOP BAR

N.T.S.



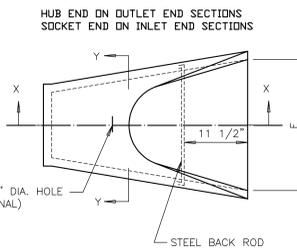
STANDARD

HEAVY DUTY

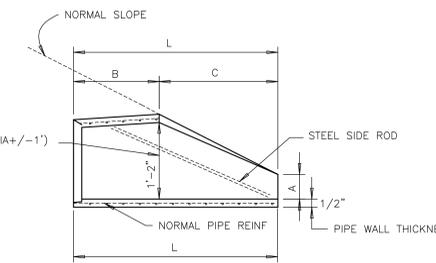
NOTES:
1. BITUMINOUS PRIME AND TACK COATS WILL BE APPLIED AS LISTED BELOW.
A. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.25 GALLON PER SQUARE YARD TO THE SURFACE OF ALL GRANITE BASE COURSES.
B. TACK COAT SHALL BE APPLIED AT A RATE OF 0.10 GALLONS PER SQUARE YARD TO THE SURFACE OF THE BINDER COURSE BEFORE PLACEMENT OF SURFACE COURSE.
2. REFER TO PAVING PLAN FOR LOCATION OF STANDARD AND HEAVY DUTY PAVEMENTS.

TYPICAL PAVEMENT SECTIONS

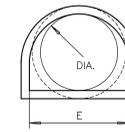
N.T.S.



PLAN



SECTION X-X



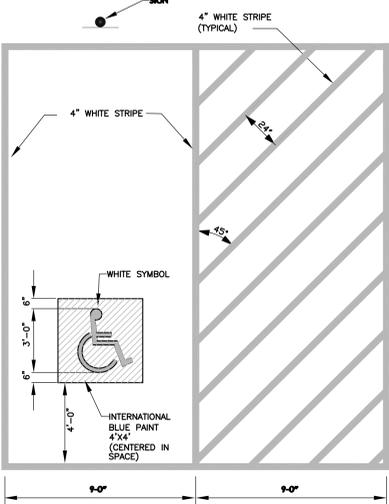
SECTION Y-Y

NOTE: REINFORCEMENT SHALL CONFORM TO ASTM A-82 OR A-306 FOR CAGE WIRE AND ATSM A-185 FOR WIRE FABRIC

FLARE REINFORCEMENT & DIMENSIONS (+/-)TOLERANCE									
PIPE DIA.	SIDE RODS	BACK RODS	FABRIC	SLOPE	A	B	C	L	E
12"	2-3X2*5'	NDT REQ'D	2'X8*8/9	2.21	4'	2'0"	4'1"	6'1"	2'0"
15"	2-3X2*11'	NDT REQ'D	2'X8*8/9	2.21	6'	2'3"	3'10"	6'1"	2'6"
18"	2-3X3*6'	NDT REQ'D	2'X8*8/9	2.21	9'	2'3"	3'10"	6'1"	3'0"
24"	2-3X5'0"	NDT REQ'D	2'X8*8/9	2.41	10'	3'8"	2'6"	6'2"	4'0"
30"	2-4X6*2'	NDT REQ'D	2'X8*8/9	2.41	12'	4'6"	1'8"	6'2"	5'0"
36"	2-4X7*5'	NDT REQ'D	2'X8*8/9	2.41	15'	5'3"	2'11"	8'2"	6'0"
42"	2-4X8*7'	NDT REQ'D	2'X8*8/9	2.41	21'	5'3"	2'11"	8'2"	6'6"

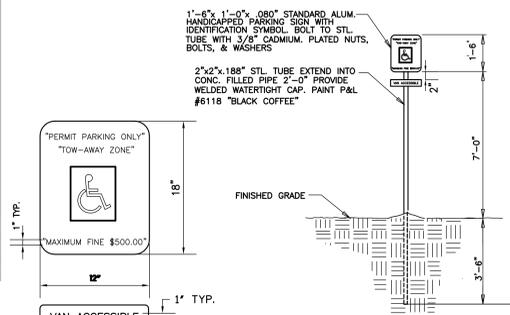
FLARED END SECTION DETAIL

N.T.S.



VAN ACCESSIBLE PAINTED HANDICAP SYMBOL

N.T.S.



TYPICAL HANDICAPPED PARKING SIGN

N.T.S.



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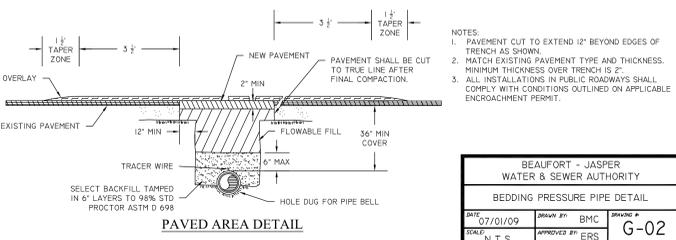
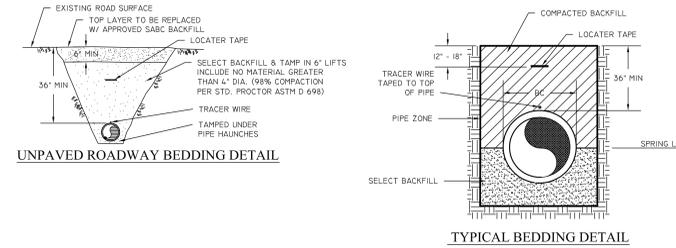
BEAUFORT FIRE STATION #2
1120 Ribault Road
City of Beaufort
CONSTRUCTION DETAILS

Revision Schedule	Revision Number	Revision Description

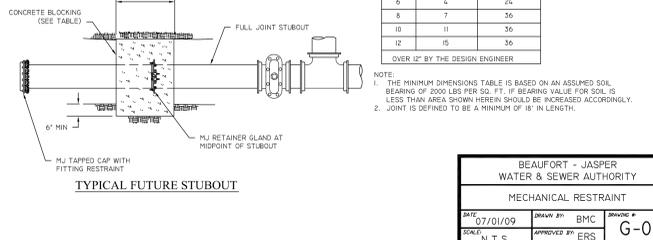
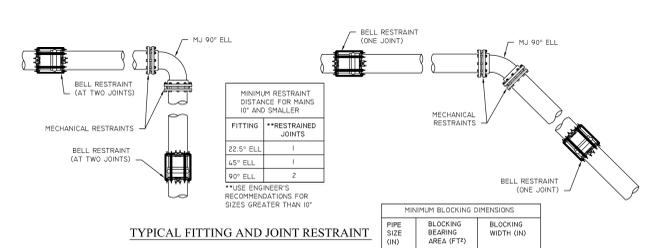
DESIGNED: CJC
DRAWN: JJM
CHECKED: CJC
DATE: 6/6/14
JOB NO.: 113273479
SCALE: NONE

DRAWING NUMBER

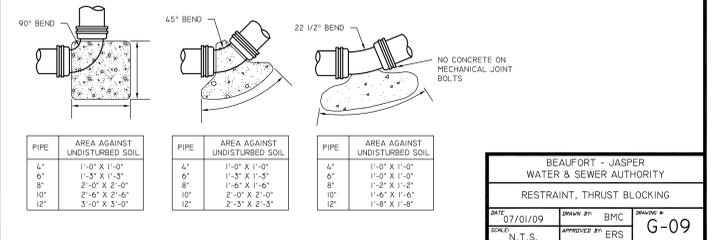
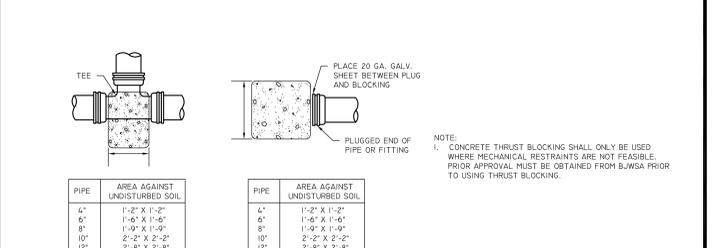
C-702



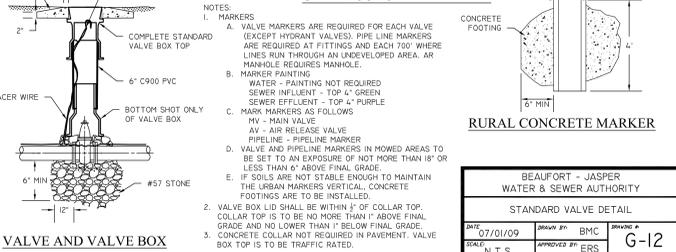
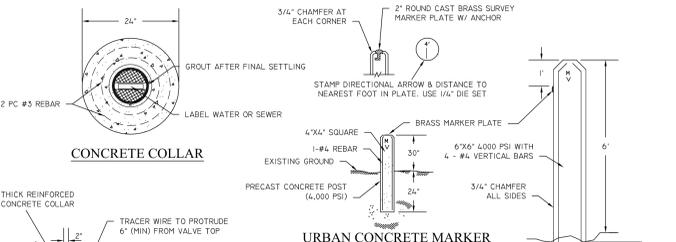
BEAUFORT - JASPER WATER & SEWER AUTHORITY			
BEDDING PRESSURE PIPE DETAIL			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	6-02
SCALE: N.T.S.	APPROVED BY: ERS		



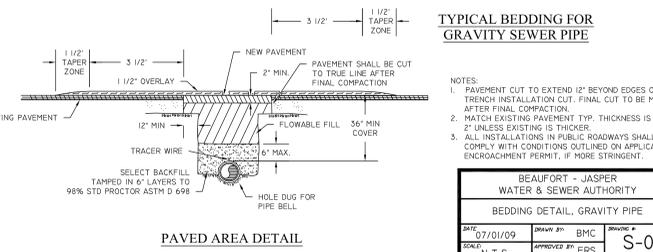
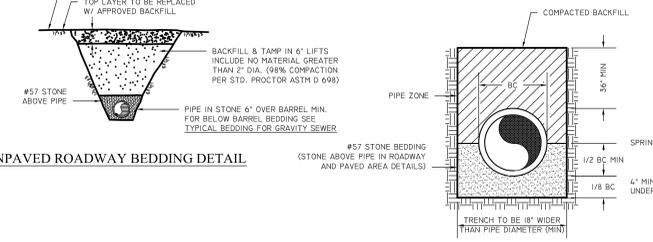
BEAUFORT - JASPER WATER & SEWER AUTHORITY			
MECHANICAL RESTRAINT			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	G-08
SCALE: N.T.S.	APPROVED BY: ERS		



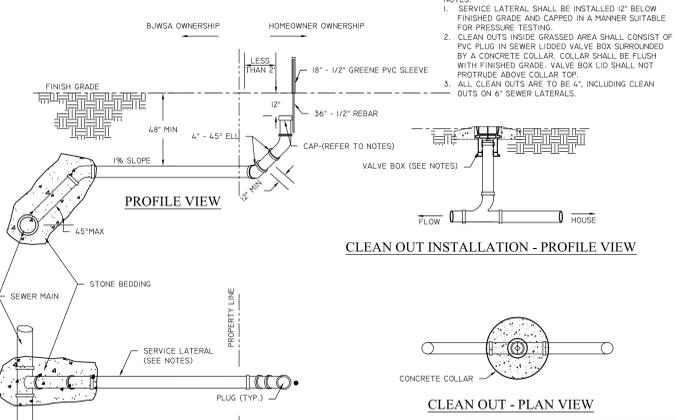
BEAUFORT - JASPER WATER & SEWER AUTHORITY			
RESTRAINT, THRUST BLOCKING			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	G-09
SCALE: N.T.S.	APPROVED BY: ERS		



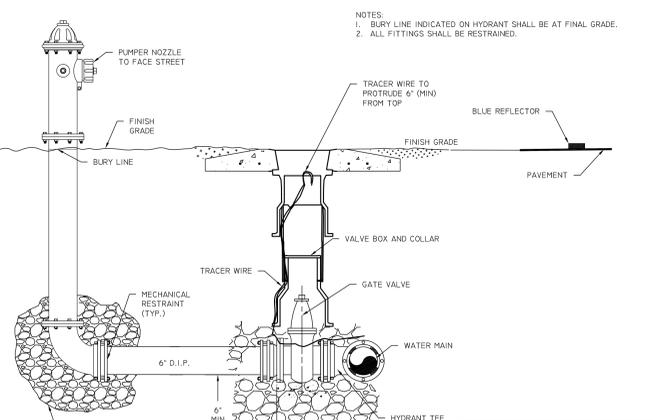
BEAUFORT - JASPER WATER & SEWER AUTHORITY			
STANDARD VALVE DETAIL			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	G-12
SCALE: N.T.S.	APPROVED BY: ERS		



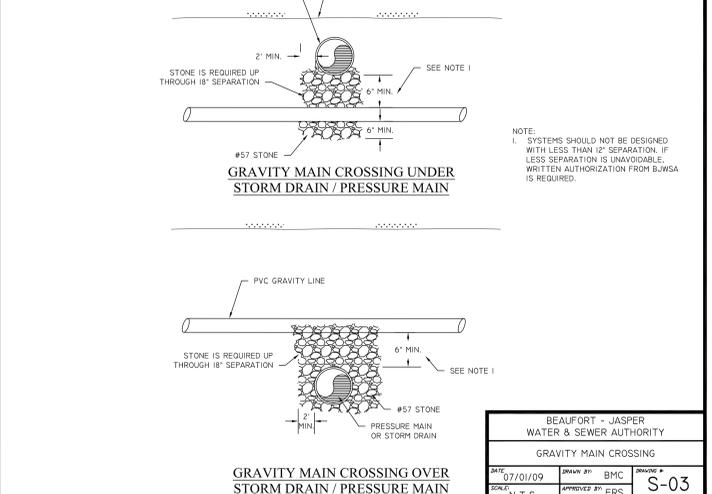
BEAUFORT - JASPER WATER & SEWER AUTHORITY			
BEDDING DETAIL, GRAVITY PIPE			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	S-01
SCALE: N.T.S.	APPROVED BY: ERS		



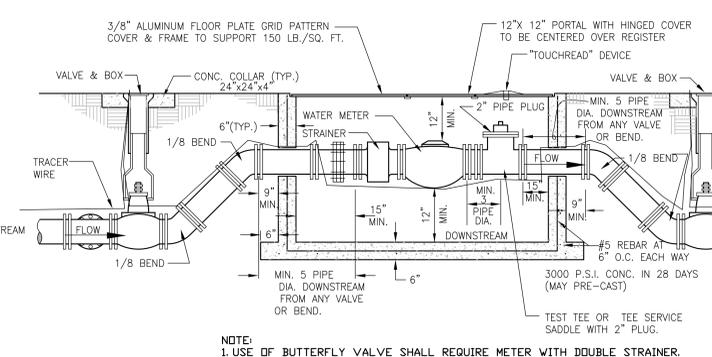
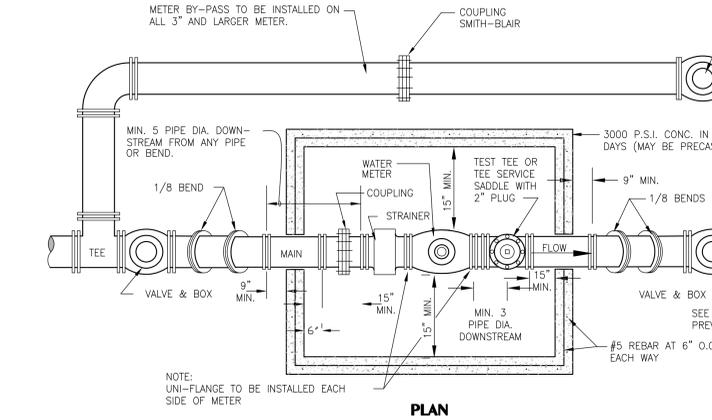
BEAUFORT - JASPER WATER & SEWER AUTHORITY			
SEWER SERVICE SINGLE			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	S-11
SCALE: N.T.S.	APPROVED BY: ERS		



BEAUFORT - JASPER WATER & SEWER AUTHORITY			
STANDARD FIRE HYDRANT			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	W-03
SCALE: N.T.S.	APPROVED BY: ERS		



BEAUFORT - JASPER WATER & SEWER AUTHORITY			
GRAVITY MAIN CROSSING			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	S-03
SCALE: N.T.S.	APPROVED BY: ERS		



BEAUFORT - JASPER WATER & SEWER AUTHORITY			
MASTER WATER METER INSTALLATION DETAIL - 3" to 10"			
DATE: 07/01/09	DRAWN BY: BMC	PROJECT #:	N.T.S.
SCALE: N.T.S.	APPROVED BY: ERS		



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BEAUFORT FIRE STATION #2
1120 Ribault Road
City of Beaufort
CONSTRUCTION DETAILS

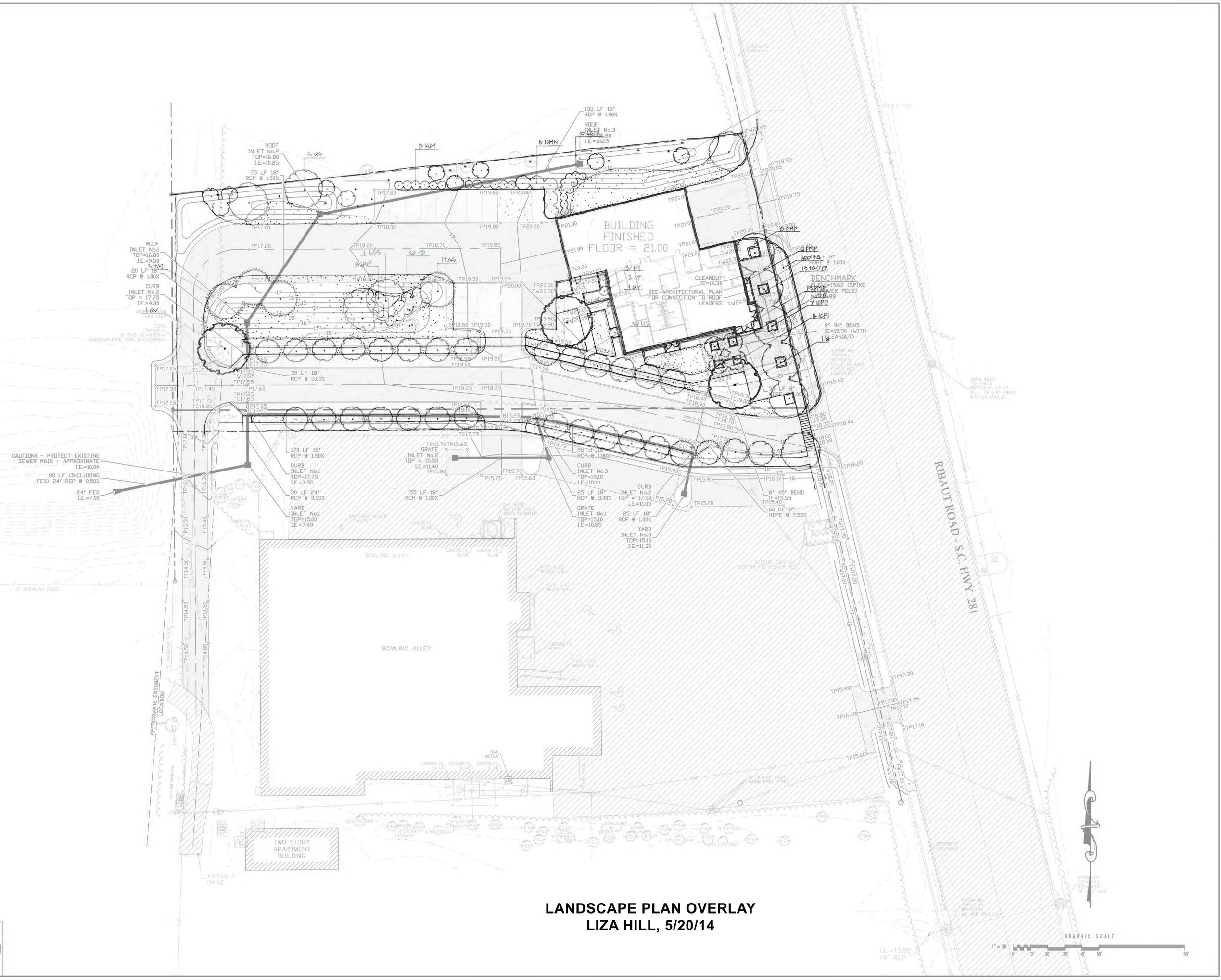
Revision Number	Revision Description	Revision Date

DESIGNED: CJC	DRAWN: JJM	CHECKED: CJC
DATE: 6/6/14	JOB NO. 113273479	SCALE: NONE

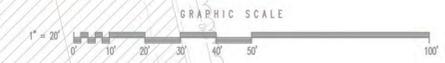
DRAWING NUMBER
C-703

5/20/2014 8:37:28 AM

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LANDSCAPE PLAN OVERLAY
LIZA HILL, 5/20/14



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BEAUFORT FIRE STATION #2
1120 Ribaut Road
City of Beaufort
PAVING, GRADING & DRAINAGE PLAN

Revision Number	Revision Date	Description

DESIGNED	DRAWN	CHECKED
C.J.C.	J.J.M.	C.J.C.

DATE: 6/6/14
JOB NO. 113273479
SCALE: 1" = 20'

DRAWING NUMBER
C-501

DATE: 5/20/2014 8:37:28 AM
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SIGNAL EQUIPMENT

(1) 8 PHASE FULLY ACTUATED STANDARD 2070 CONTROLLER WITH FLASHER, SIGNAL MONITOR UNIT, AND POLE MOUNTED 336 CABINET
 (1) PUSH BUTTON
 (2) SIGN "A" EMERGENCY SIGNAL

HEAD NUMBER	2	4	6
DISPLAY (LED)			
PHASE	2	2	6
SIZE	12"x8"	12"	12"x8"
QUANTITY	2	2	2

SIGN "A"

EMERGENCY SIGNAL

R10-13
36" X 24"

PRE-EMPTION NOTES

- ONE (1) PUSH BUTTON IN FIRE DEPARTMENT FOR NORTHBOUND EMERGENCY VEHICLES.
- ONE (1) PUSH BUTTON IN FIRE DEPARTMENT FOR SOUTHBOUND EMERGENCY VEHICLES AT THIS SIGNAL AND THE SIGNAL AT 1ST BLVD/SPANISH POINT DRIVE SIGNAL.

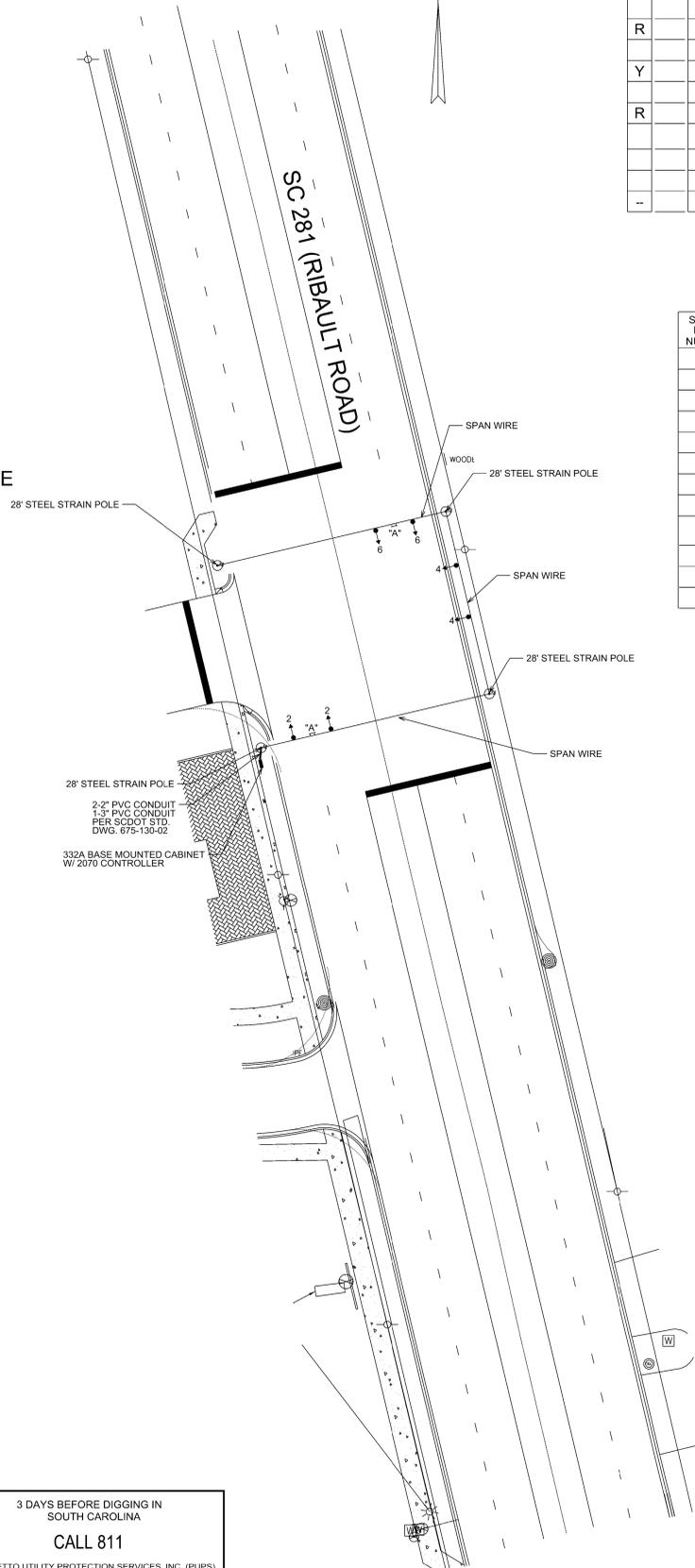
PROJECT INSTALLATION NOTES

- A PRECONSTRUCTION MEETING SHALL BE HELD ON SITE WITH THE SCDOT SIGNAL INSPECTOR BEFORE ANY CONSTRUCTION BEGINS. THE MEETING MUST BE SCHEDULED AT LEAST 48 HOURS IN ADVANCE.
- ALL EQUIPMENT, MATERIALS, AND INSTALLATION PROCEDURES SHALL ADHERE TO THE SCDOT SIGNAL EQUIPMENT SPECIFICATIONS. FOR THE LATEST VERSION, CONTACT SCDOT TRAFFIC ENGINEERING IN COLUMBIA (803) 737-1646 OR OBTAIN FROM SCDOT INTERNET SITE.
- INSTALL ONE (1) 8 CONDUCTOR SIGNAL CABLE FOR SIGNAL HEADS ON EACH APPROACH.
- PROJECT INCLUDES STOP BARS AS SHOWN.
- FIRE DEPARTMENT REQUIRED TO OBTAIN PERMIT AND REQUEST ELECTRICAL SERVICE. FIRE DEPARTMENT RESPONSIBLE FOR ELECTRIC BILL.

EMERGENCY SIGNAL TIMINGS

FUNCTIONS	PHASE		
	2	4	6
WALK			
DON'T WALK			
MIN INITIAL		30	
MAX INITIAL		30	
ADD/VEH			
VEH EXT			
TIM BFR REDUC			
TIME TO REDUC			
MIN GAP			
MAX LIMIT			
MAXIMUM 2			
YELLOW	4.0	3.0	4.0
RED CLEAR	1.5	2.5	1.5
RECALL	MIN	OFF	MIN

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
CALL 811
PALMETTO UTILITY PROTECTION SERVICES, INC. (PUPS)
ALL UTILITIES MAY NOT BE A MEMBER OF PUPS.



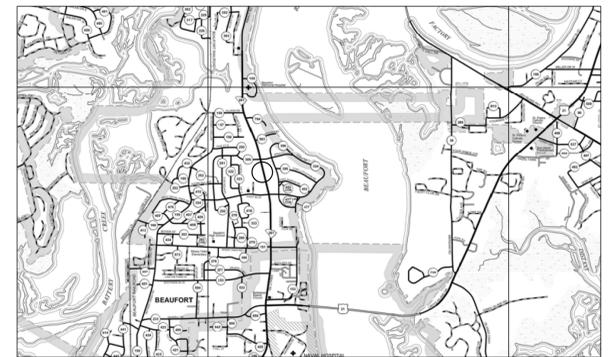
SIGNAL DISPLAY SEQUENCE (PREFERENTIAL PHASING)

SIGNAL HEAD NUMBER	←			→			↑		
	R	W	BARR.	R	W	BARR.	R	W	BARR.
2				FL 8Y					
4				FL R					
6				FL 8Y					
8	R	R	R	R	R	R	R	R	R
8P	DW	DW	DW	DW	DW	DW	DW	DW	DW

SIGNAL HEAD NUMBER	←			→			↑		
	R	W	BARR.	R	W	BARR.	R	W	BARR.
8	R	R	R	R	R	R	G	G	Y
8P	DW	DW	DW	DW	DW	DW	**	**	**

LEGEND

- → SIGNAL HEAD
- ⊙ STEEL STRAIN POLE
- CABINET AND CONTROLLER



ROUTE NUMBER	SC 281	BFD
APPROACH DIRECTION	NB SB	WB
SIGNAL DESIGN SPEED	40	25
GRADE (%)	0.84 -1.1	-1.1



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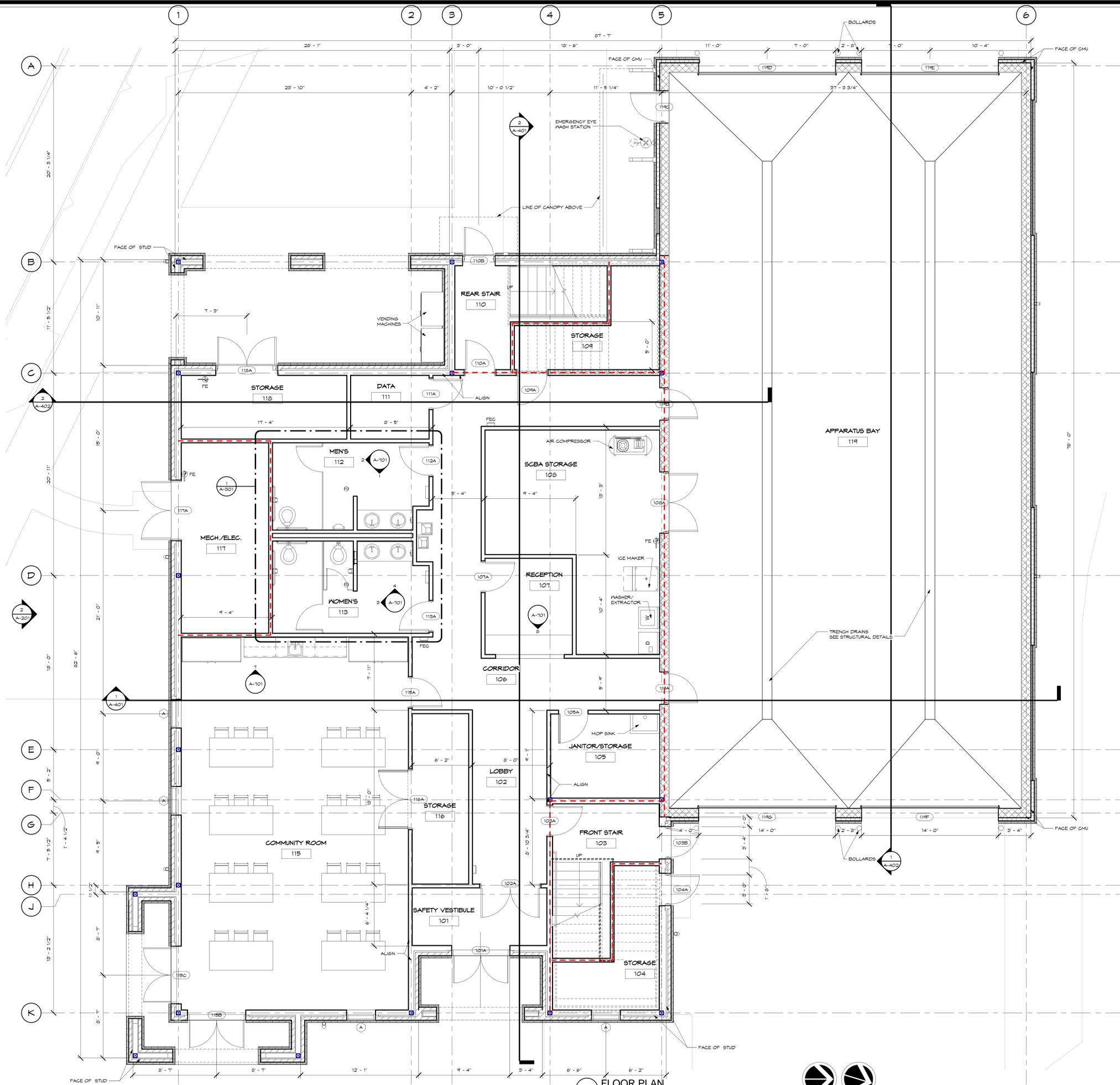


BEAUFORT FIRE STATION #2
 1120 Ribault Road
 City of Beaufort
 Emergency Signal Plan

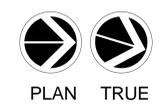
Revision Number	Revision Date	Description

DESIGNED	DRAWN	CHECKED
KF	KF	JKN
DATE:	5/30/14	
JOB NO.	213 9101 01	
SCALE:	1" = 20'	

DRAWING NUMBER
TS-101



1 FLOOR PLAN
1/4" = 1'-0"



WALL TYPE LEGEND

	8" CMU w/ BRICK VENEER		3 5/8" METAL STUDS w/ GYP. BD.
	12" CMU		8" METAL STUDS w/ BRICK VENEER
	12" CMU w/ EPS		6" METAL STUDS w/ BRICK VENEER ON BOTH SIDES
	3 5/8" METAL STUDS w/ GYP. BD.		

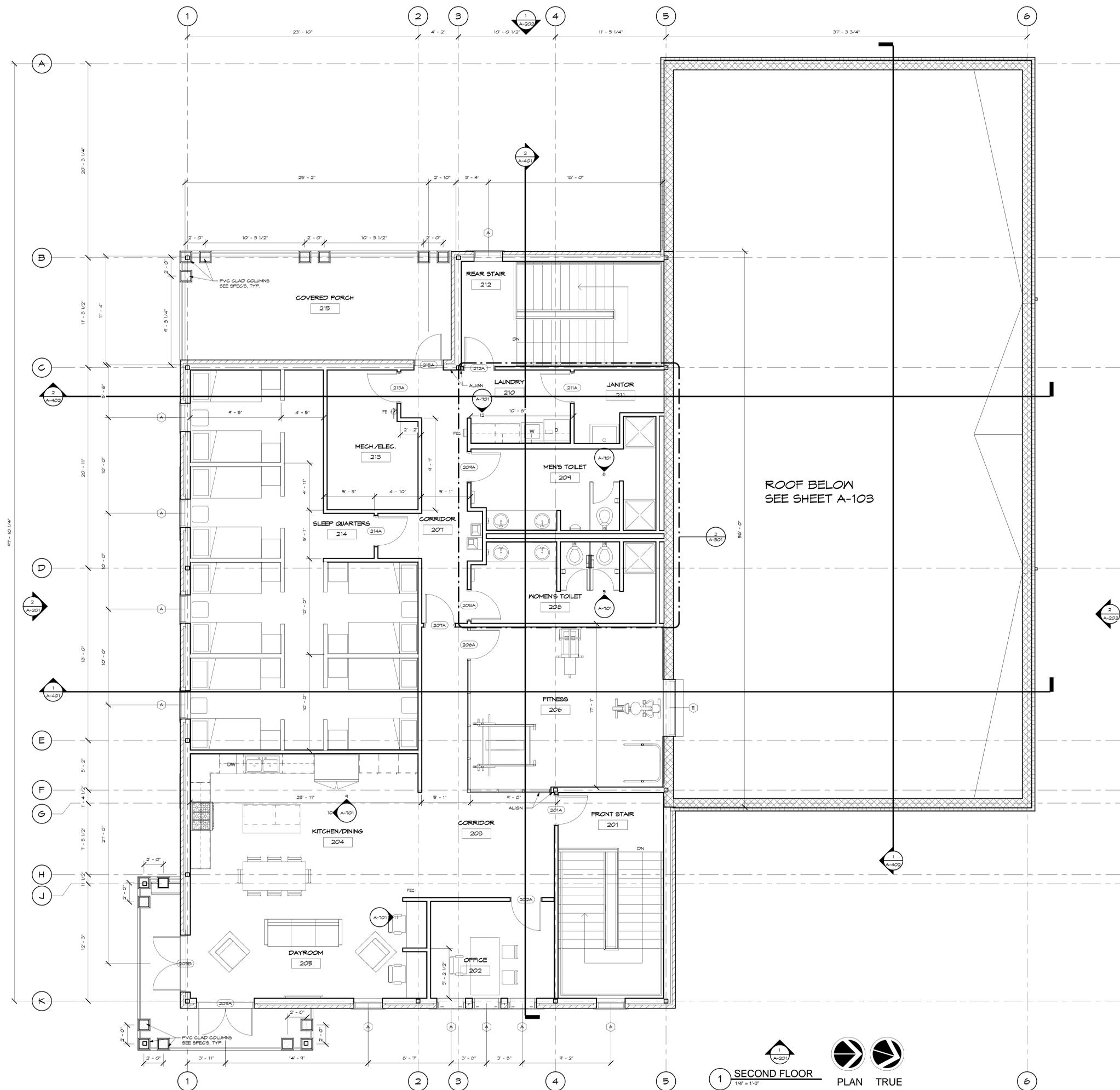
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BEAUFORT FIRE STATION #2
City of Beaufort
1120 Ribaut Road
FIRST FLOOR PLAN

DESIGNED: _____ DRAWN: _____ CHECKED: _____
Designer Author Checker
DATE: 5/30/14
JOB NO. 213 9101 01
SCALE: 1/4" = 1'-0"

DRAWING NUMBER
A-101



WALL TYPE LEGEND

-
-
-
-
-
-
-

1 SECOND FLOOR

 1/4" = 1'-0"

PLAN TRUE

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BEAUFORT FIRE STATION #2
 1120 Ribaut Road
 City of Beaufort
 SECOND FLOOR PLAN

Revision Schedule	Revision	Revision	Revision
Number	Number	Number	Number
Date	Date	Date	Date

DESIGNED	DRAWN	CHECKED
Designer	Author	Checker

DATE: 5/30/14

JOB NO. 213 9101 01

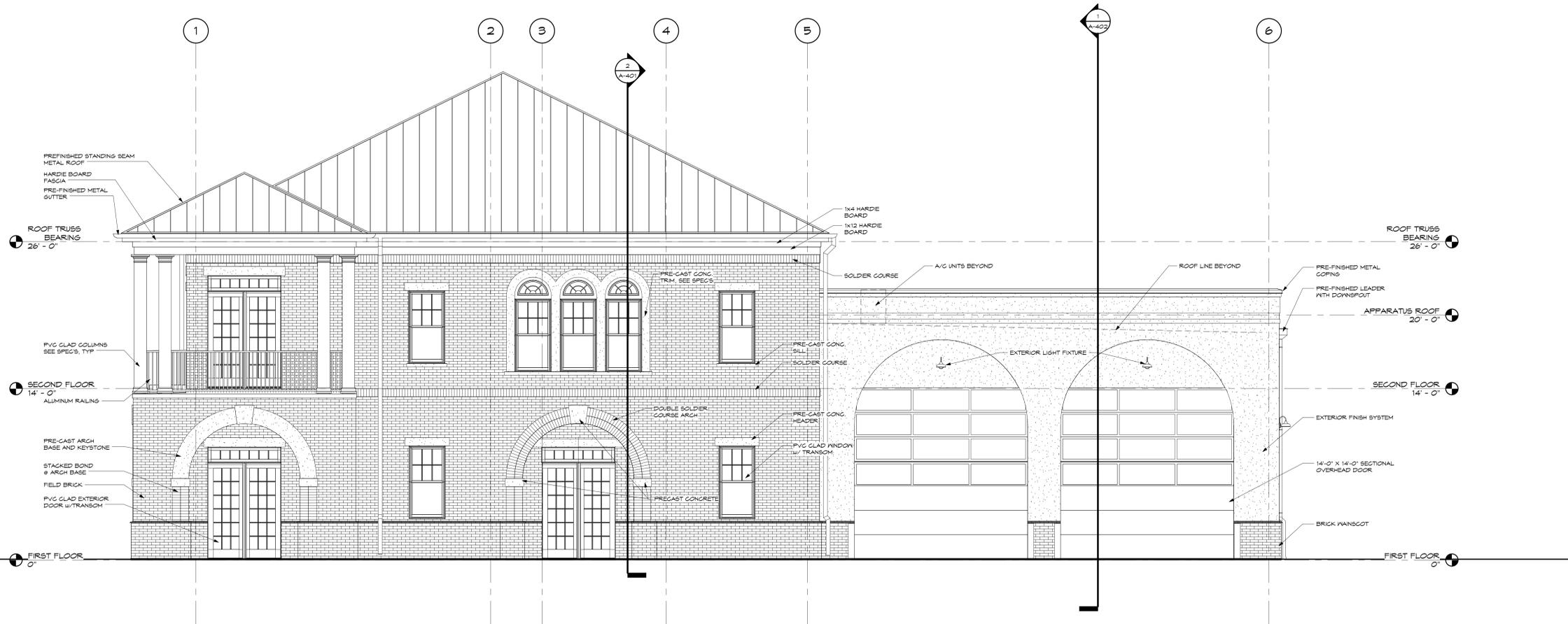
SCALE: 1/4" = 1'-0"

DRAWING NUMBER

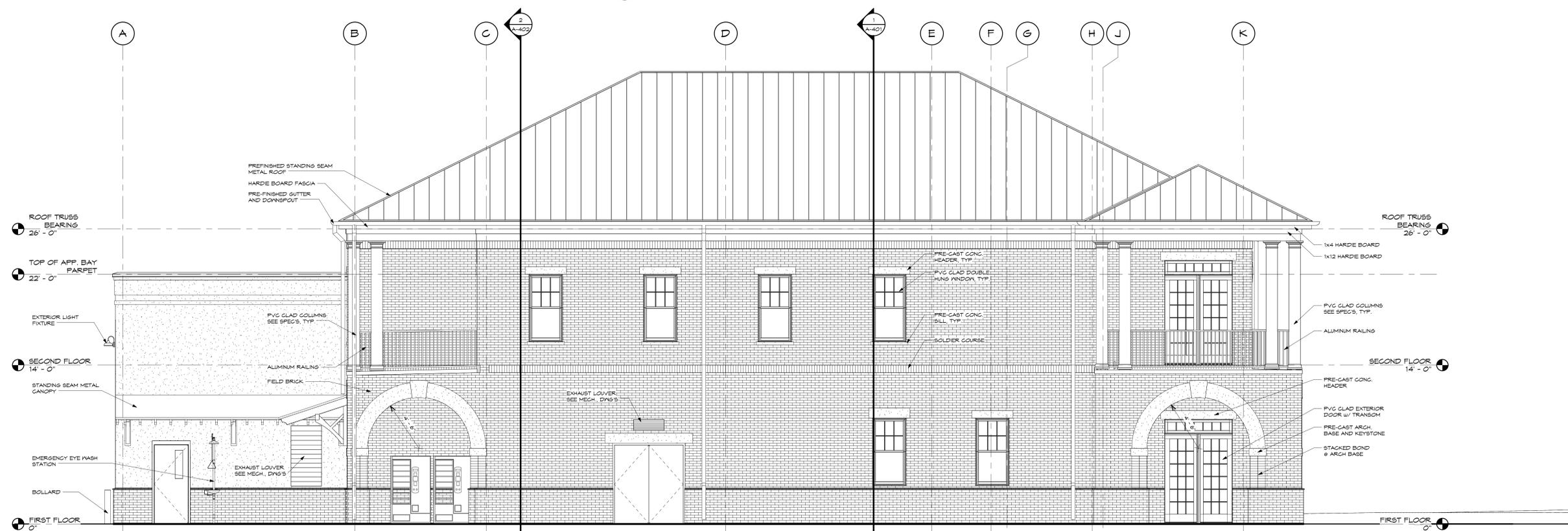
A-102

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DATE: 6/6/2014 8:44:50 AM



1 West Elevation
1/4" = 1'-0"



2 South Elevation
1/4" = 1'-0"

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BEAUFORT FIRE STATION #2
 City of Beaufort
 1120 Ribaut Road
 ELEVATIONS

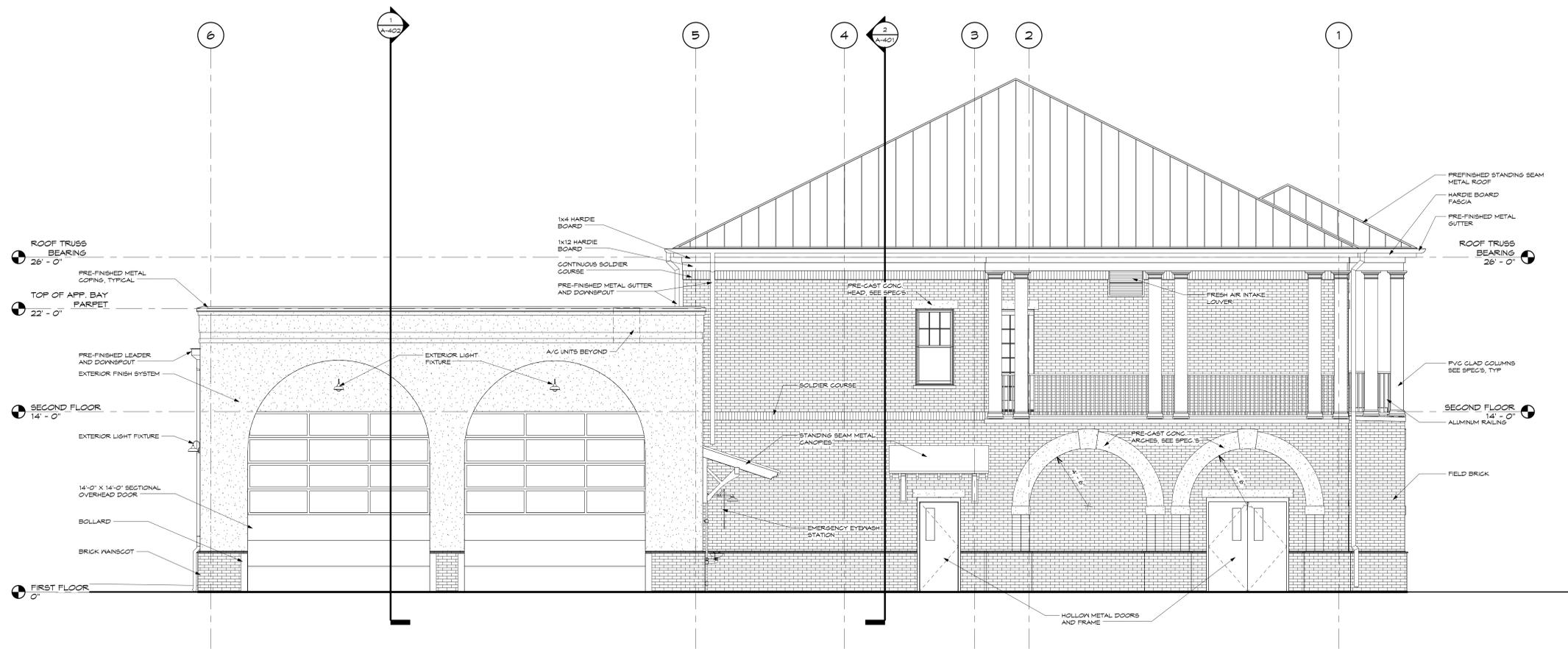
DESIGNED	DRAWN	CHECKED
Designer	Author	Checker
DATE: 5/30/14		
JOB NO. 213 9101 01		
SCALE: 1/4" = 1'-0"		

DRAWING NUMBER
A-201

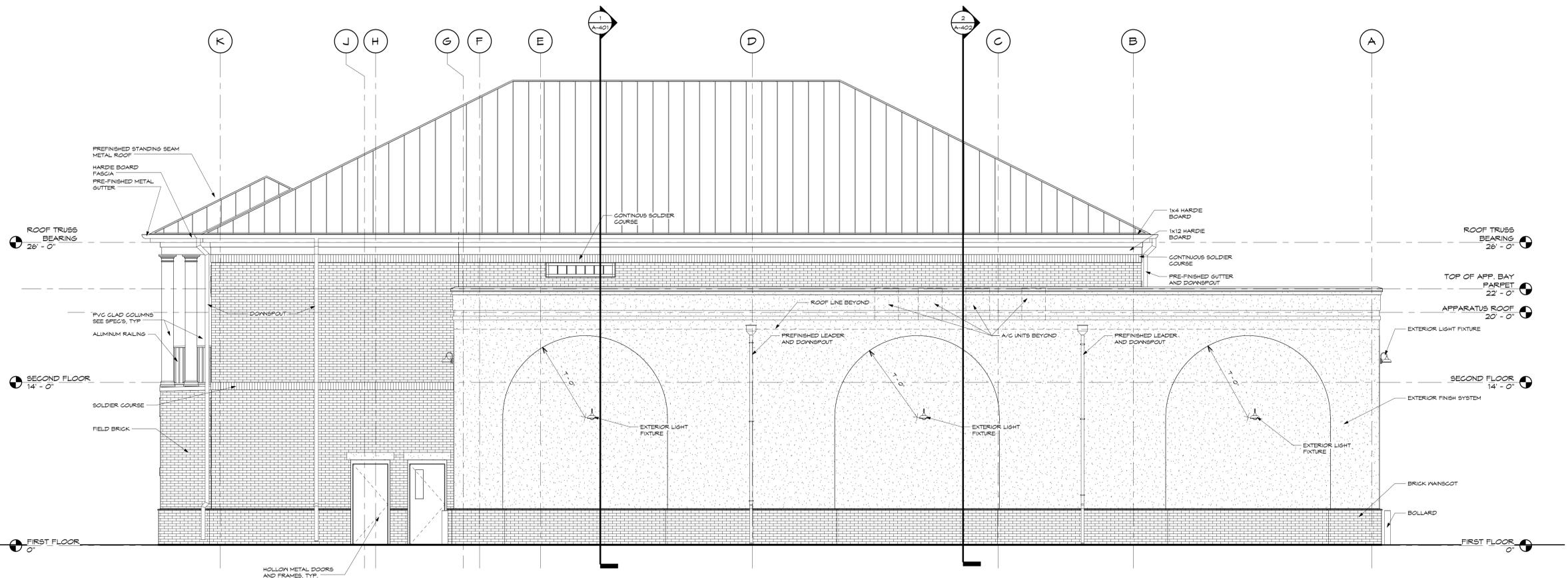
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DATE: 6/6/2014 8:45:04 AM



1 East Elevation
1/4" = 1'-0"



2 North Elevation
1/4" = 1'-0"

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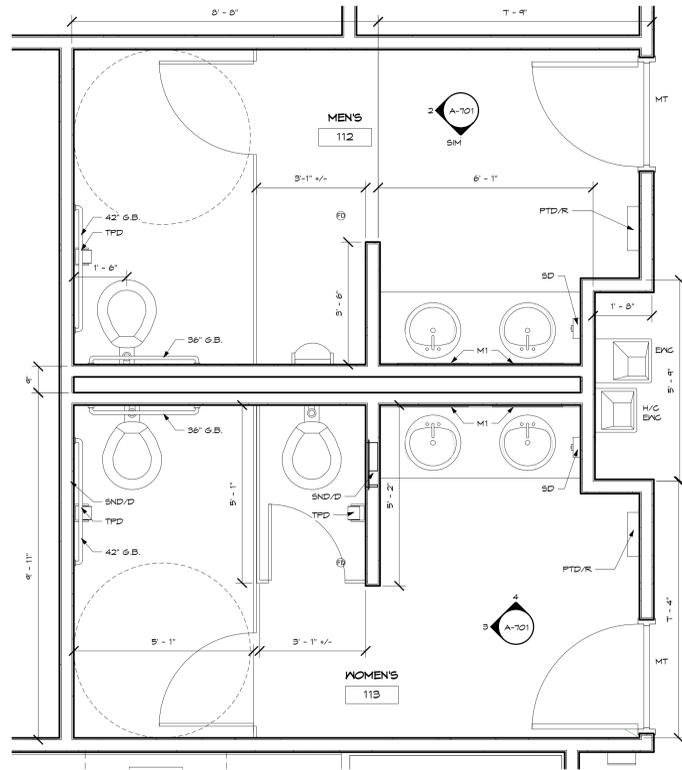
BEAUFORT FIRE STATION #2
1120 Ribaut Road
City of Beaufort
ELEVATIONS

Revision Number	Schedule	Description

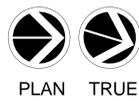
DESIGNED	DRAWN	CHECKED

DATE: 5/30/14
JOB NO. 213 9101 01
SCALE: 1/4" = 1'-0"

DRAWING NUMBER
A-202



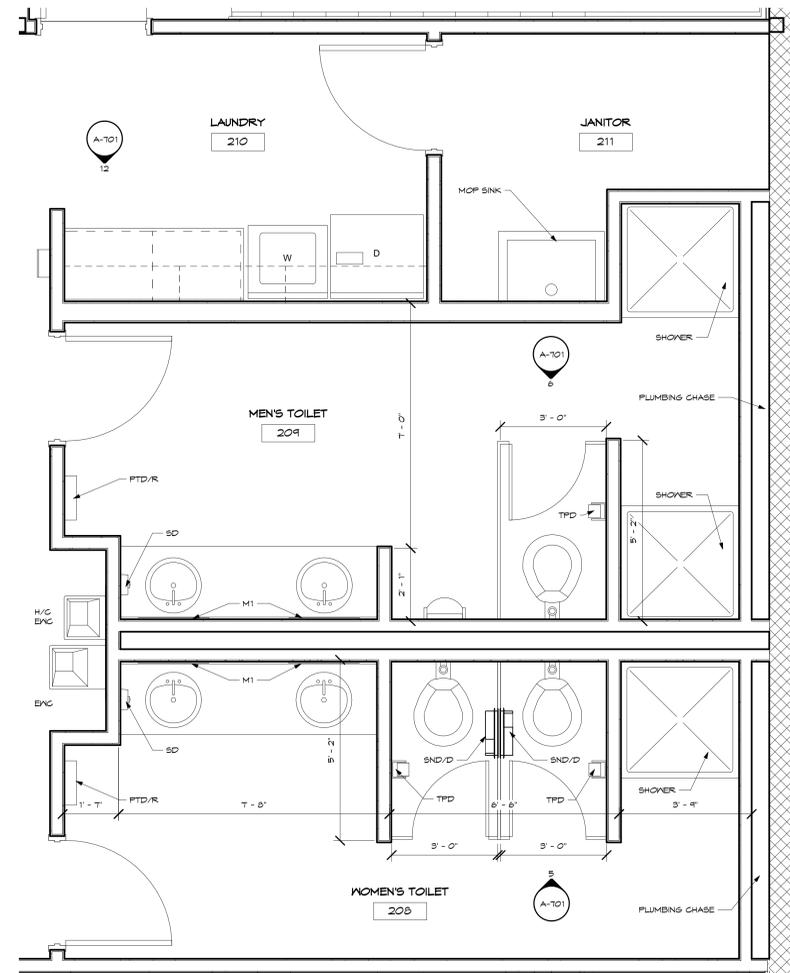
1 ENLARGED TOILETS 1
1/2" = 1'-0"



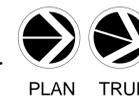
PLAN TRUE

ACCESSORY LEGEND

SD	SOAP DISPENSER	36" G.B.	36" GRAB BAR
TPD	TOILET PAPER DISPENSER	42" G.B.	42" GRAB BAR
SND/R	SANITARY NAPKIN DISPENSER/RECEPTACLE	ENC	ELECTRIC WATER COOLER
PTD/R	PAPER TOWEL DISPENSER/RECEPTACLE	M-1	24" x 42" STAINLESS STEEL MIRROR



2 ENLARGED TOILETS 2
1/2" = 1'-0"



PLAN TRUE

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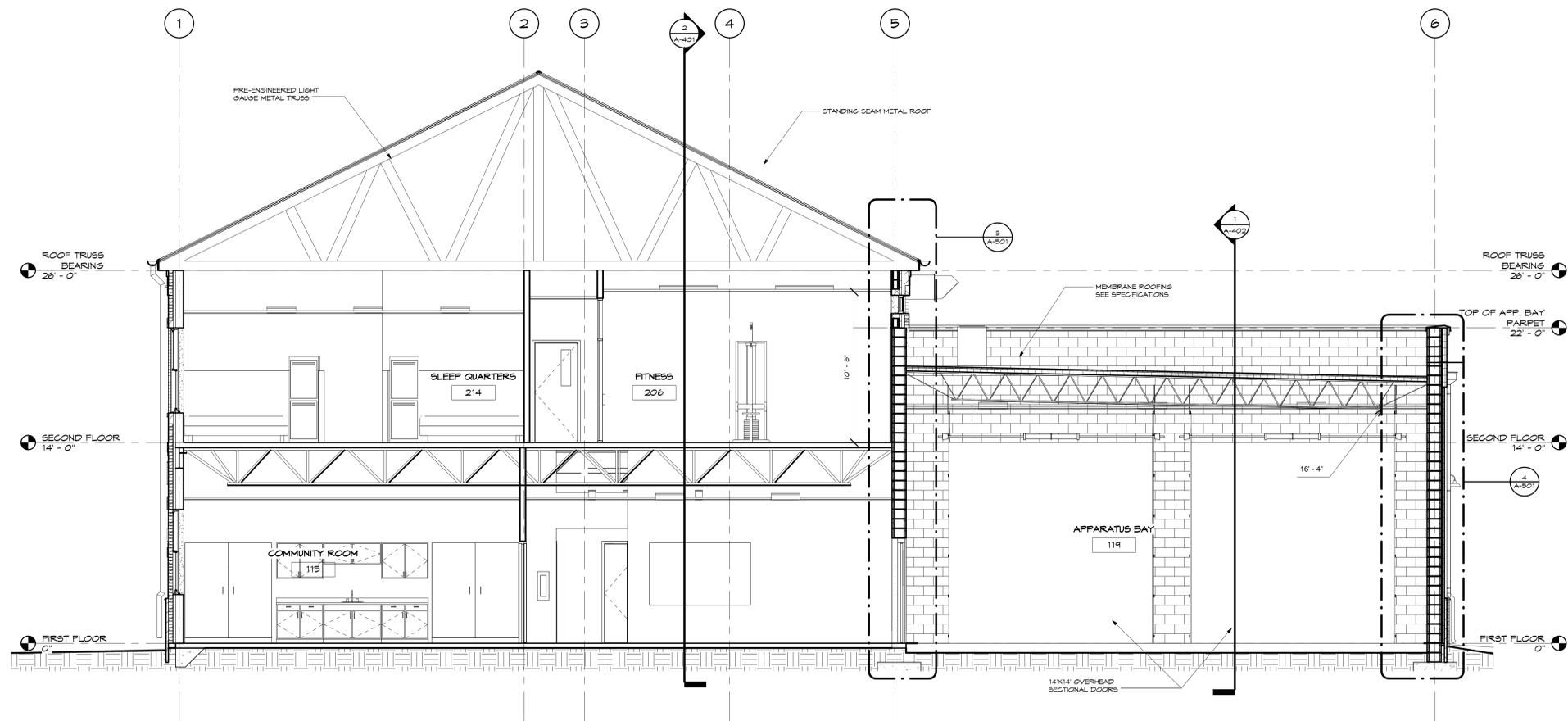
BEAUFORT FIRE STATION #2
 City of Beaufort
 1120 Ribaut Road
 ENLARGED PLANS

REVISIONS:

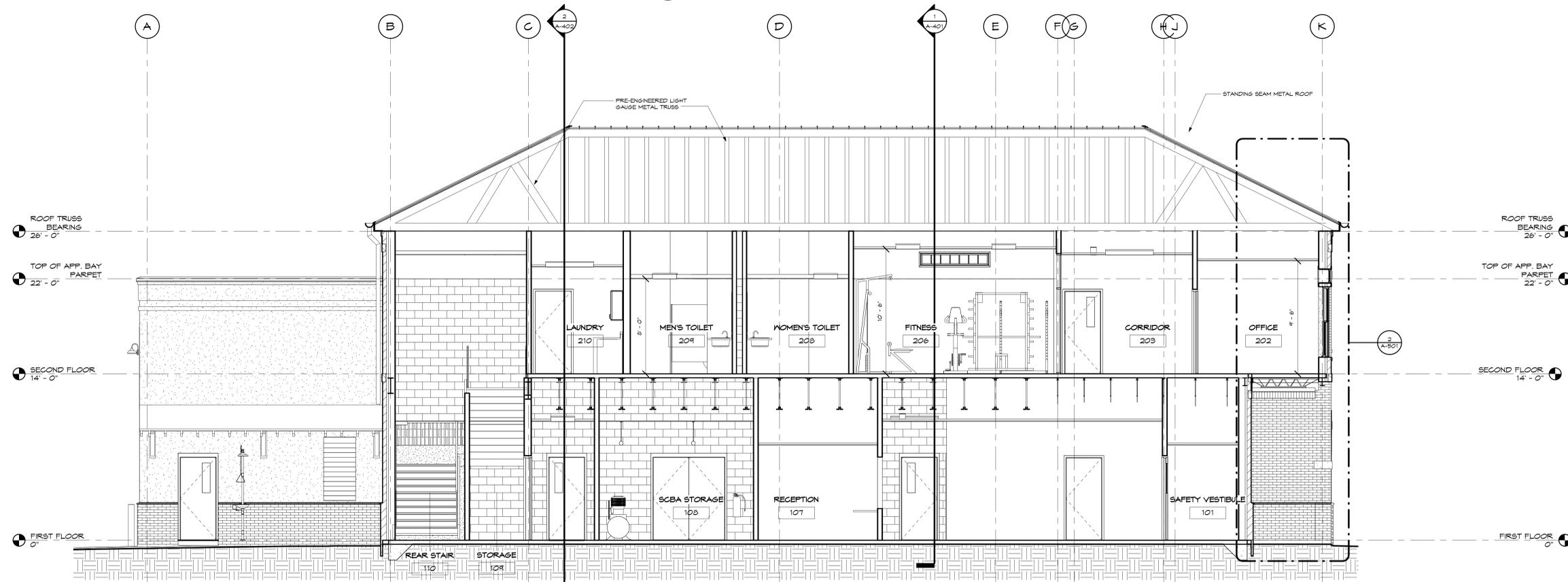
DESIGNED	DRAWN	CHECKED
Designer	Author	Checker
DATE: 5/30/14		
JOB NO. 213 9101 01		
SCALE: As indicated		

DRAWING NUMBER
A-301

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1 BUILDING SECTION
1/4" = 1'-0"



2 BUILDING SECTION 2
1/4" = 1'-0"

DATE: 6/6/2014 8:45:17 AM

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BEAUFORT FIRE STATION #2
City of Beaufort
1120 Ribaut Road
SECTIONS

REVISIONS:

DESIGNED	DRAWN	CHECKED
Designer	Author	Checker

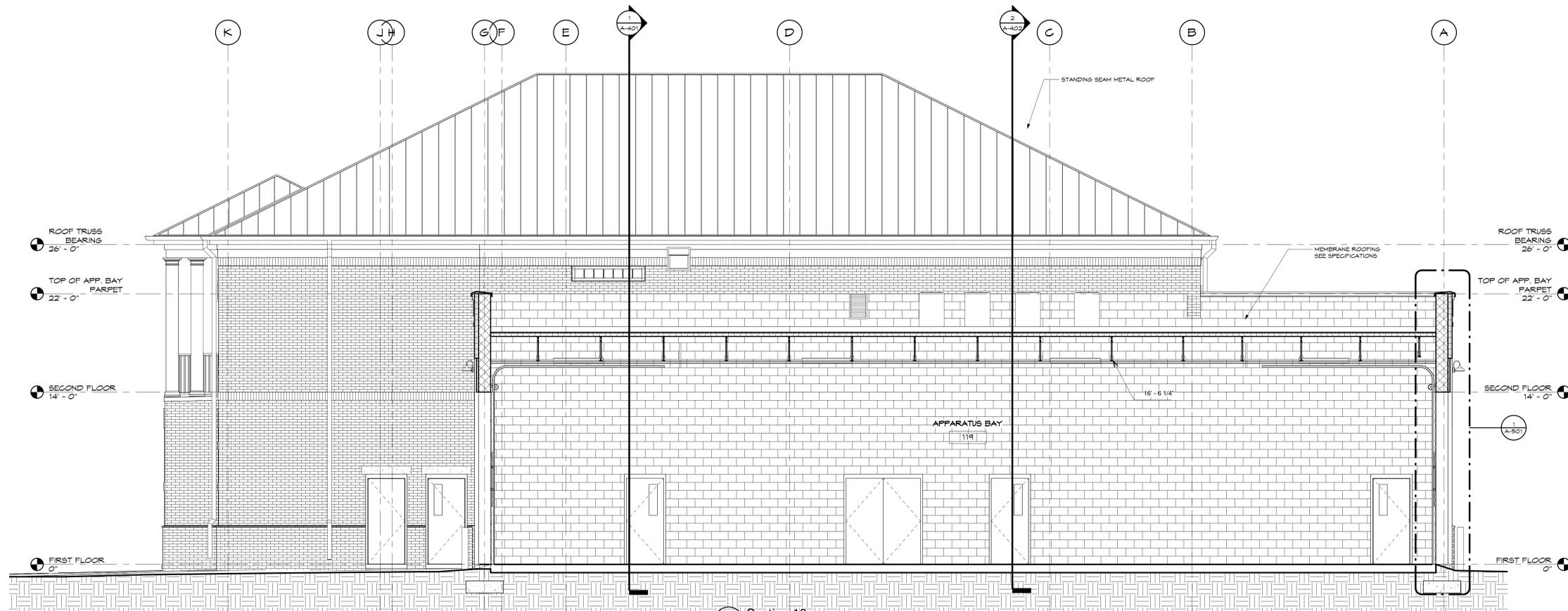
DATE: 5/30/14

JOB NO. 213 9101 01

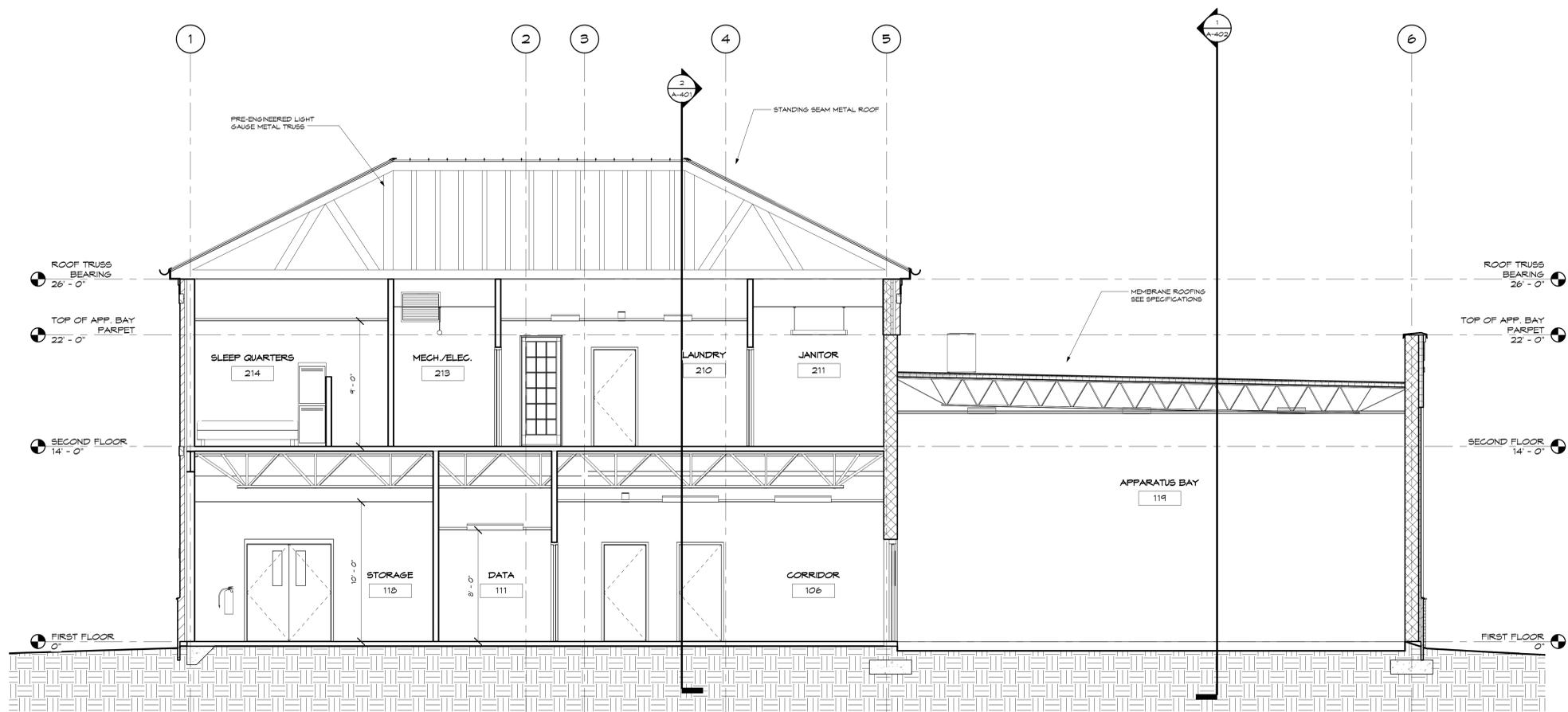
SCALE: 1/4" = 1'-0"

DRAWING NUMBER

A-401



1 Section 10
1/4" = 1'-0"



2 Section 7
1/4" = 1'-0"

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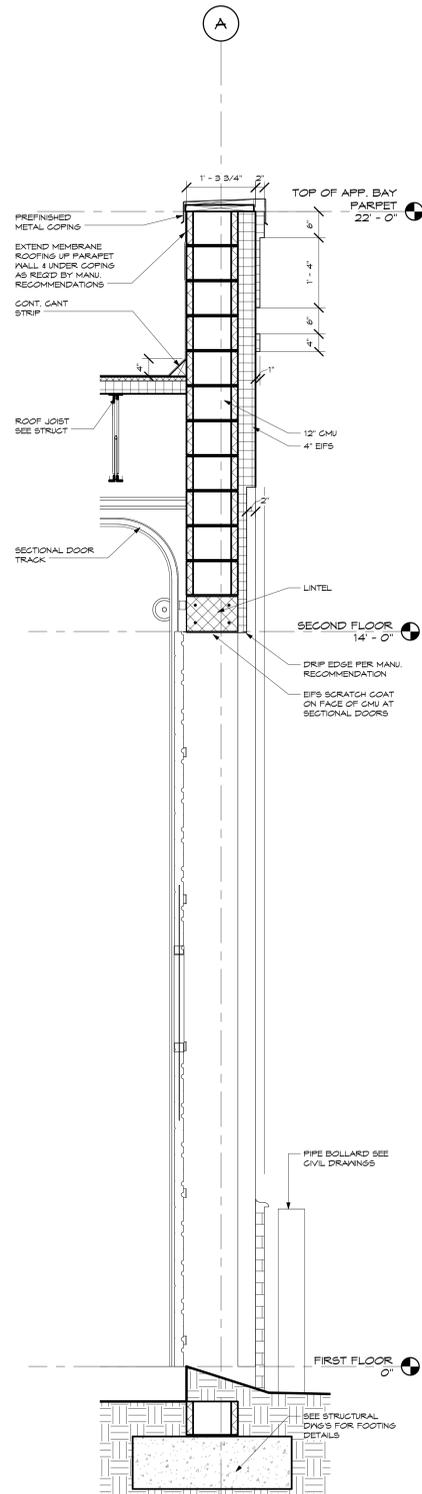
BEAUFORT FIRE STATION #2
City of Beaufort
1120 Ribaut Road
SECTIONS

REVISIONS:

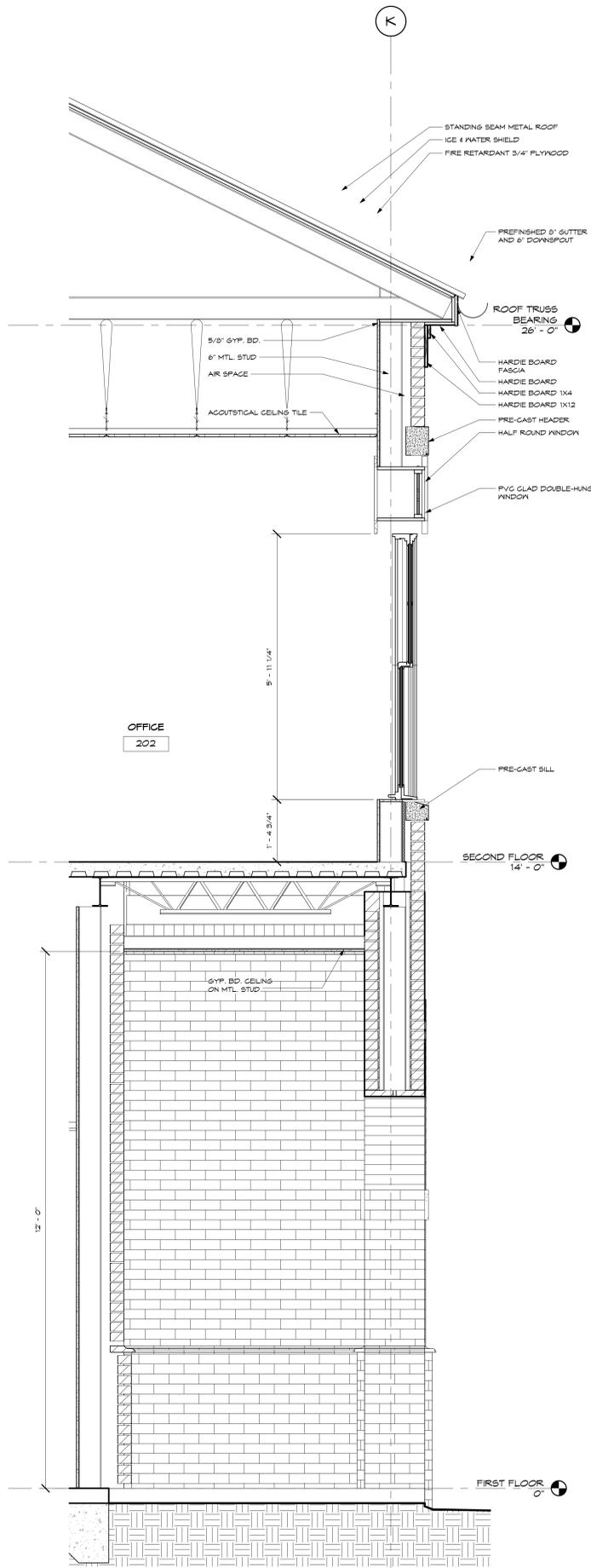
DESIGNED	DRAWN	CHECKED
Designer	Author	Checker
DATE: 5/30/14		
JOB NO. 213 9101 01		
SCALE: 1/4" = 1'-0"		

DRAWING NUMBER

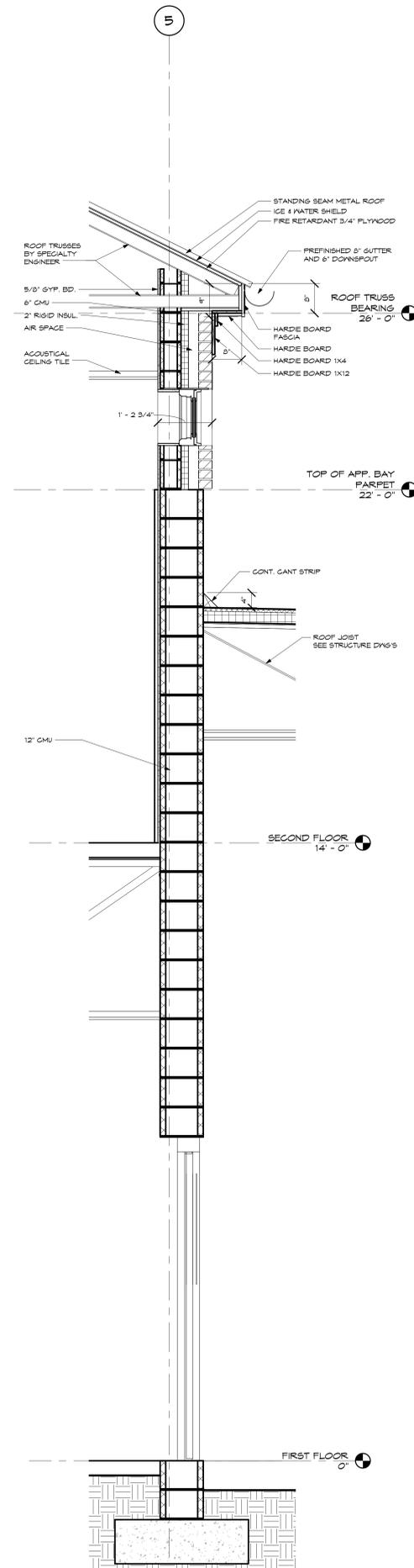
A-402



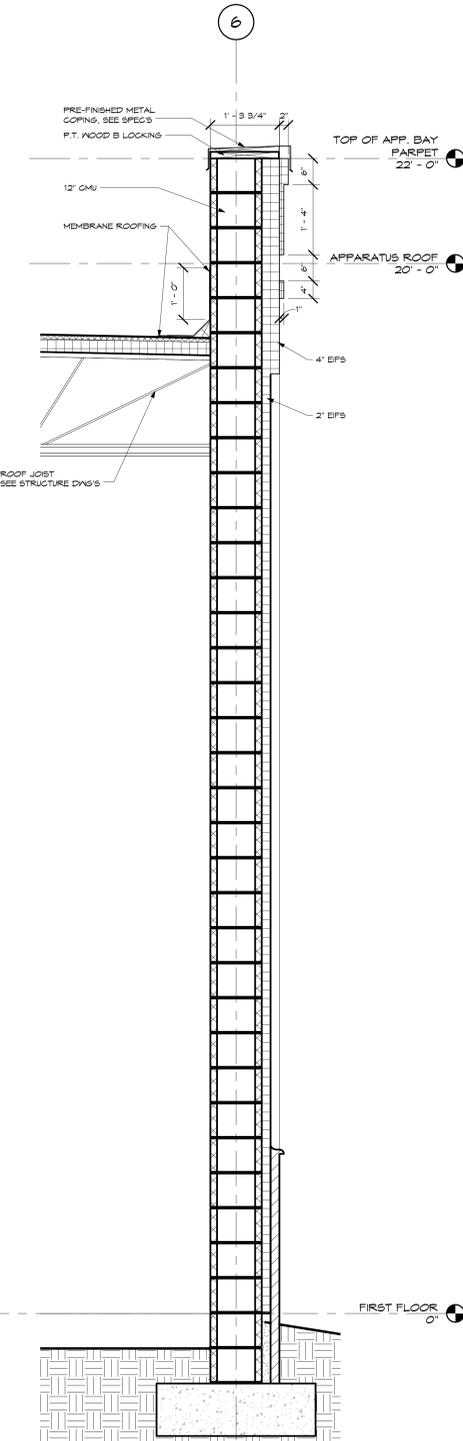
1 WALL SECTION @ OVERHEAD DOOR
3/4" = 1'-0"



2 WALL SECTION @ MAIN ENTRY
3/4" = 1'-0"



3 WALL SECTION @ LOW/HIGH ROOF
3/4" = 1'-0"



4 WALL SECTION @ APPARATUS BAY
3/4" = 1'-0"

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BEAUFORT FIRE STATION #2
City of Beaufort
1120 Ribaut Road
WALL SECTIONS

REVISIONS:

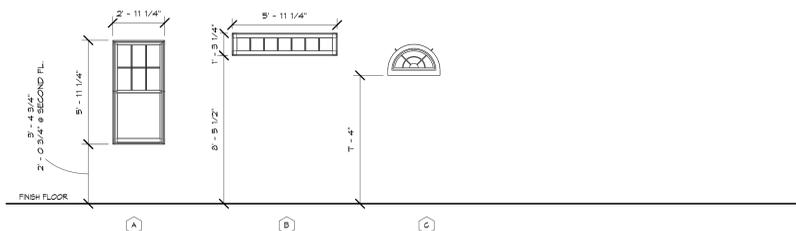
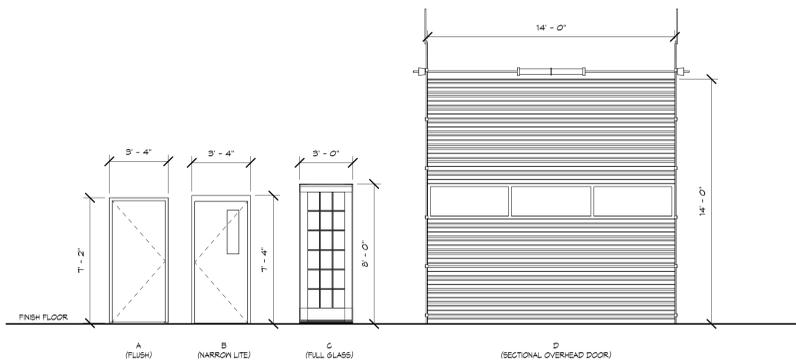
NO.	DATE	BY	CHKD.

DESIGNED	DRAWN	CHECKED

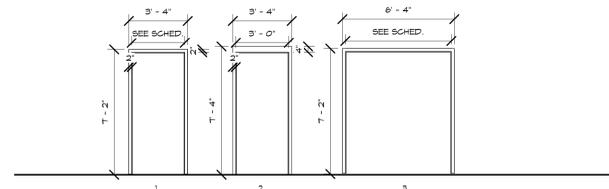
DATE: 5/30/14
JOB NO. 213 9101 01
SCALE: 3/4" = 1'-0"

DRAWING NUMBER
A-501

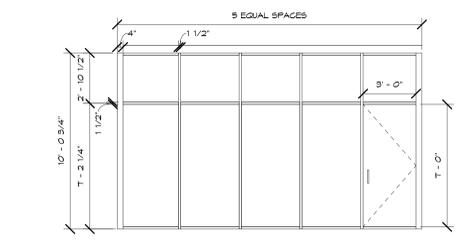
MARK	DOOR			TYPE	MAT	FRAME			FINISH		FIRE RATING	REMARKS		
	WIDTH	HT	THK			MAT	TYPE	HEAD	JAMB	SILL			DOOR	FRAME
101A	8'-0"	8'-0"	1 3/4"	C	PCOOD	MD	N/A		PT	PT				
102A	3'-0"	7'-0"	1 3/4"	B	Metal	HM	1		PT	PT				
102B	3'-0"	7'-0"	1 3/4"	A	Metal	HM	A		PT	PT	60 MIN.			
102B	3'-0"	7'-0"	1 3/4"	B	Metal	HM	B		PT	PT				
104A	3'-0"	7'-0"	1 3/4"	A	Metal	HM	1		PT	PT				
105A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		ST	PT				
107A	3'-0"	7'-0"	1 3/4"	B	PCOOD	HM	1		ST	PT				
105A	3'-0"	7'-0"	1 3/4"	A	Metal	HM	2		PT	PT	60 MIN.			
109A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT	60 MIN.			
110A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT				
110B	3'-0"	7'-0"	1 3/4"	B	Metal	HM	2		PT	PT				
111A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		ST	PT				
112A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		ST	PT				
113A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		ST	PT				
118A	3'-0"	7'-0"	1 3/4"	B	PCOOD	HM	1		ST	PT				
118B	8'-0"	8'-0"	1 3/4"	C	PCOOD	MD	N/A		ST	PT				
118C	6'-0"	8'-0"	1 3/4"	C	PCOOD	MD	N/A		ST	PT				
116A	4'-11"	7'-0"	1 3/4"	A	PCOOD	MD	1		ST	PT				
117A	3'-0"	7'-0"	1 3/4"	B	Metal	MD	N/A		PT	PT				
112A	3'-0"	7'-0"	1 3/4"	A	Metal	HM	2		PT	PT				
114A	3'-0"	7'-0"	1 3/4"	B	Metal	HM	2		PT	PT	60 MIN.			
118B	3'-0"	7'-0"	1 3/4"	B	Metal	HM	2		PT	PT	60 MIN.			
118C	3'-0"	7'-0"	1 3/4"	B	Metal	HM	2		PT	PT				
114D	14'-0"	14'-0"	2"	D	Metal	--	--		PT	--	As Specified in OS 36 00			
114E	14'-0"	14'-0"	2"	D	Metal	--	--		PT	--	As Specified in OS 36 00			
114F	14'-0"	14'-0"	2"	D	Metal	--	--		PT	--	As Specified in OS 36 00			
114S	14'-0"	14'-0"	2"	D	Metal	--	--		PT	--	As Specified in OS 36 00			
201A	3'-0"	7'-0"	1 3/4"	B	Metal	HM	1		PT	PT	60 MIN.			
202A	3'-0"	7'-0"	1 3/4"	B	Metal	HM	1		PT	PT				
205A	6'-0"	8'-0"	1 3/4"	C	PCOOD	MD	N/A		ST	PT				
205B	6'-0"	8'-0"	1 3/4"	C	PCOOD	MD	N/A		ST	PT				
206A	3'-0"	7'-0"	1 3/4"	A	GLASS	ALUM	ALUM		GLASS	ALUM				
207A	3'-0"	7'-0"	1 3/4"	B	PCOOD	HM	1		ST	PT				
208A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT				
209A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT				
211A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT				
212A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT	60 MIN.			
213A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT	60 MIN.			
214A	3'-0"	7'-0"	1 3/4"	A	PCOOD	HM	1		PT	PT	60 MIN.			
215A	3'-0"	7'-0"	1 3/4"	C	PCOOD	MD	N/A		ST	PT				



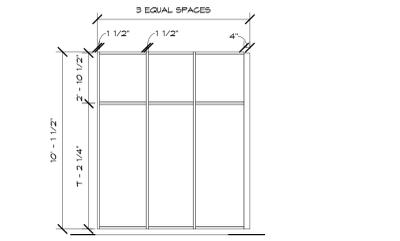
Door & Window Types
1/4" = 1'-0"



Hollow Metal Frame Types
1/4" = 1'-0"



1 STOREFRONT ELEVATION - 1 RM #219
1/4" = 1'-0"



2 STOREFRONT ELEVATION - 2 RM #219
1/4" = 1'-0"

HUSSEY, GAY, BELL & DEYOUNG
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SAVANNAH, GEORGIA 31416-1247
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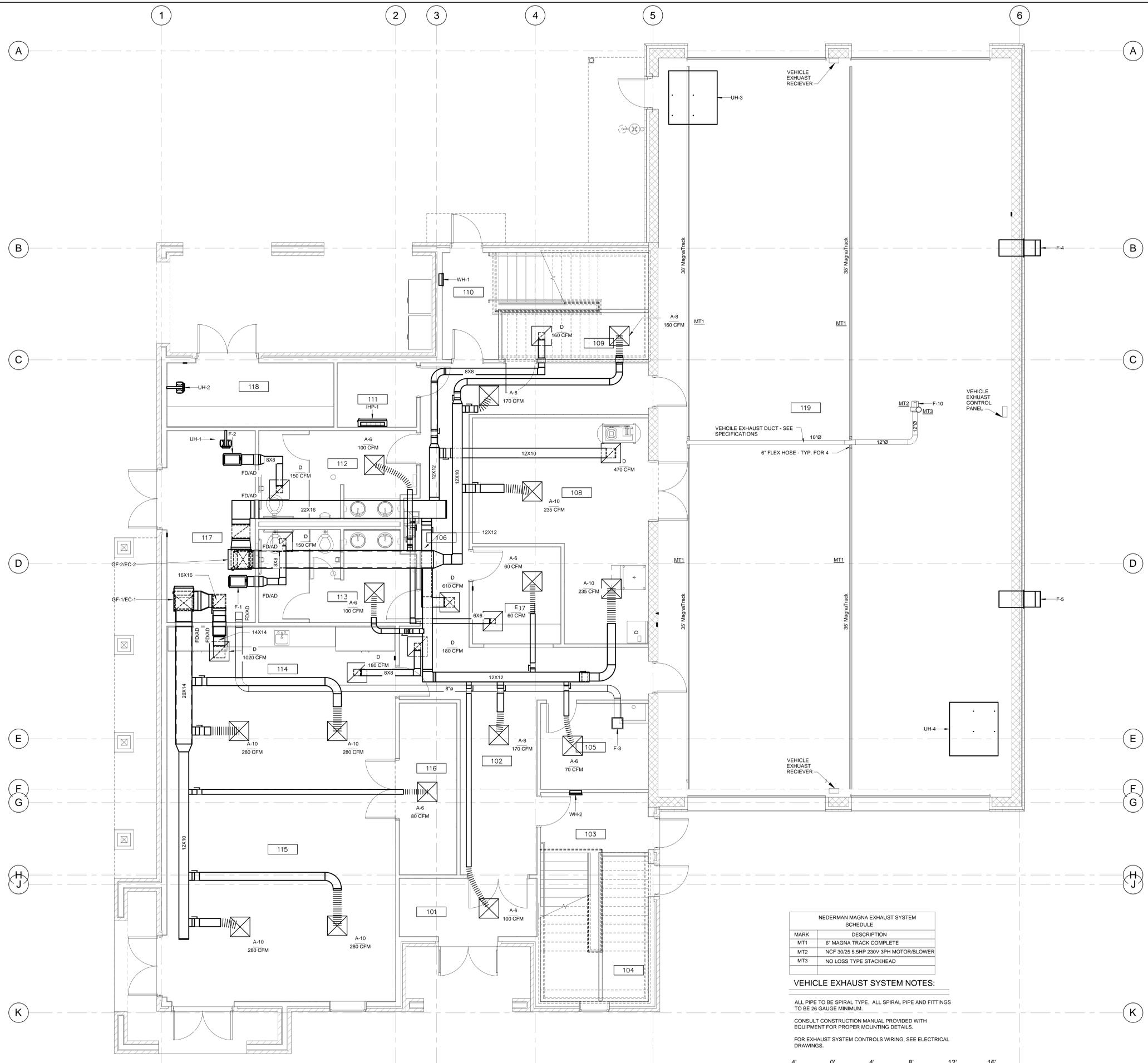
BEAUFORT FIRE STATION #2
City of Beaufort
1120 Ribaut Road
DOOR SCHEDULE

REVISIONS:

DESIGNED	DRAWN	CHECKED
Designer	Author	Checker
DATE:	5/30/14	
JOB NO.	213 9101 01	
SCALE:	1/4" = 1'-0"	

DRAWING NUMBER
A-601

DATE: 5/12/2014 2:02:11 PM
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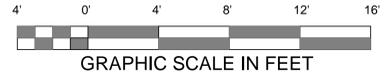


1 HVAC FIRST FLOOR PLAN
 M-101 SCALE: 1/4" = 1'-0"

NEIDERMAN MAGNA EXHAUST SYSTEM SCHEDULE

MARK	DESCRIPTION
MT1	6" MAGNA TRACK COMPLETE
MT2	NCF 30/25 5.5HP 230V 3PH MOTOR/BLOWER
MT3	NO LOSS TYPE STACKHEAD

VEHICLE EXHAUST SYSTEM NOTES:
 ALL PIPE TO BE SPIRAL TYPE. ALL SPIRAL PIPE AND FITTINGS TO BE 26 GAUGE MINIMUM.
 CONSULT CONSTRUCTION MANUAL PROVIDED WITH EQUIPMENT FOR PROPER MOUNTING DETAILS.
 FOR EXHAUST SYSTEM CONTROLS WIRING, SEE ELECTRICAL DRAWINGS.



DELTA ENGINEERING GROUP, LLC
 205 NEW PETERSBURG DRIVE SUITE B
 MARTINEZ, GEORGIA 30907
 706-364-1770

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BEAUFORT FIRE STATION #2
 1120 Ribaut Road
 City of Beaufort
 HVAC FIRST FLOOR PLAN

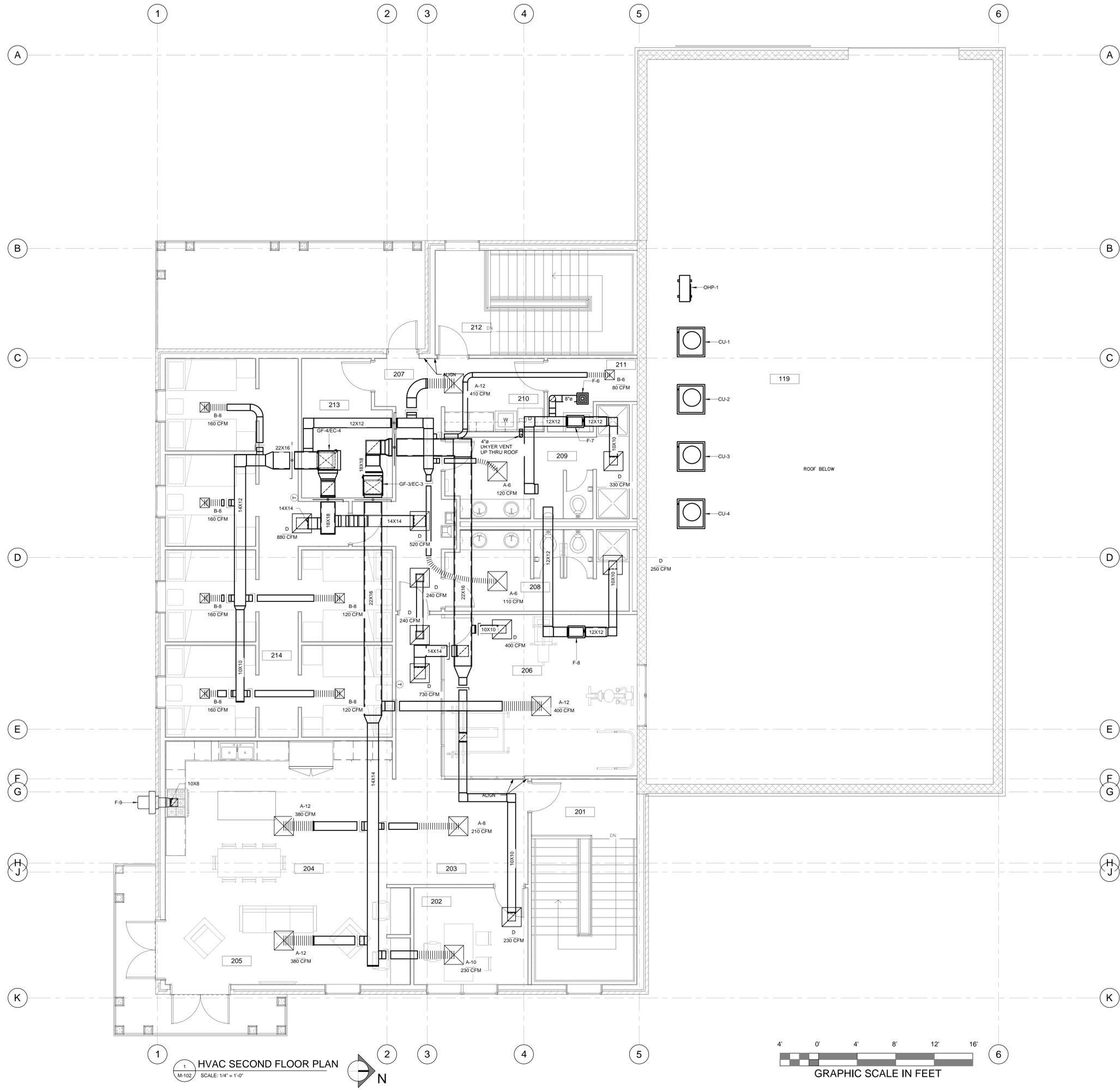
Revision Number	Revision Date	Revision Description

DESIGNED: DRAWN: CHECKED:
 DATE: 5/30/14
 JOB NO.: 213 9101 01
 SCALE:

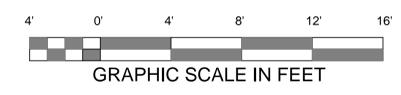
DRAWING NUMBER
M-101

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DATE: 5/12/2014 2:03:11 PM



1 HVAC SECOND FLOOR PLAN
M-102 SCALE: 1/4" = 1'-0"



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BEAUFORT FIRE STATION #2
1120 Ribaut Road
City of Beaufort
HVAC SECOND FLOOR PLAN

Revision Number	Revision Date	Revision Description

DESIGNED: DRAWN: CHECKED:
DATE: 5/30/14
JOB NO. 213 9101 01
SCALE:

DRAWING NUMBER
M-102