ROOM FINISHES

LOCATION	ROOM NO.	ROOM NAME	FLOORS MAT. 1 CONCRETE	2 LIQUID HARDENER	3 RESINOUS FLOORING	4 CERAMIC TILE	5 EXISTING	BASES MAT. 1 VINYL BASE	2 CERAMIC TILE BASE	3 RESINOUS BASE	WALLS MAT. 1 CONCRETE	2 C.M.U.	3 FRP	4 GYPSUM BOARD	5 CERAMIC TILE	6 EXISTING PAINTED CONCRETE OR C.M.U.	7 EXISTING PAINTED GYPSUM BOARD	P PAINT	CEILINGS MAT. 1 ACOUST. TILE - TYPE A	2 ACOUST. TILE - TYPE B	3 GYPSUM BOARD	4 STEEL OR CONCRETE	5 EXISTING PAINTED CONCRETE OR STEEL	6 EX. ACOUST. TILE	P PAINT	MTG S SUSPENDED	MTG E EXPOSED STRUCTURE	HT.	REMARKS
SPS1	400	BASEMENT					5									6		P					5	6	P		E		
	401	PUMP ROOM					5									6		P					5		P		E		
SPS2	410	BASEMENT					5									6		P					5		P		E		
	411	PUMP ROOM					5									6		P					5		P		E		
CHB	501	BASEMENT					5									6		P					5		P		E		
	502	PUMP ROOM					5									6		P					5		P		E		
	503	BOILER ROOM					5									6		P					5		P		E		
	511	CORRIDOR					5									6		P					5		P		E		
	512	TOILET					5									6		P					5		P		E		
	513	LIME SLAKING ROOM					5									6		P					5		P		E		
	514	CONTAINER (SCALE) ROOM					5									6		P					5		P		E		
	515	CHLORINE ROOM					5									6		P					5		P		E		
	516	ELECTRICAL ROOM					5									6		P					5		P		E		
	517	STAIRS					5									6		P					5		P		E		
PBB	600	BLOWER	1									2						P				4			P		E		
	601	ELECTRICAL ROOM	1									2						P				4			P		E		
SHB	701	FIRST AID & OFFICE					5									6		P						6		S			
	702	LUNCH ROOM					5									6		P						6		S			
	703	HEAT TREATMENT ROOM					5									6		P					5		P		E		
	704	PASSAGE					5									6		P						6		S			
	705	STAIRS					5									6		P						6					
	706	CLOSET					5									6		P						6		S			
	707	MECHANICAL ROOM					5									6		P					5		P		E		
	108	MOTOR CONTROL CENTER ROOM					5									6		P					5		P		E		
	109	PARTS STORAGE					5									6		P					5		P		E		
	710	REPAIR SHOP					5									6		P					5		P		E		
	711	MACHINE SHOP					5									6		P					5		P		E		
	712	CHEMICAL STORAGE					5									6		P					5		P		E		
	713	HOPPER BAY					5									6		P					5		P		E		
	714	GARAGE					5									6		P					5		P		E		
	721	CONTROL ROOM					5									6		P						6		S			
	722	LOCKER ROOM					5									6		P						6		S			
	723	LAUNDRY					5									6		P						6		S			
	724	UPPER REACTOR AREA					5									6		P					5		P		E		
	725	FILTER ROOM					5									6		P					5		P		E		
STO	800	STORAGE					5									6		P					5		P		E		
	801	STORAGE					5									6		P					5		P		E		
OPS	901	PIPE GALLERY					5																				E		NO FINISH WORK IN THIS ROOM
	902	PIPE GALLERY					5																				E		NO FINISH WORK IN THIS ROOM
	903	WOMEN'S LOCKER ROOM				4						2			5	6		P		2						S		9'-0"	WAINSCOT 4'-0" HIGH
	904	MEN'S LOCKER ROOM				4						2			5	6		P		2						S		9'-0"	WAINSCOT 4'-0" HIGH
	905	BOILER ROOM					5																				E		NO FINISH WORK IN THIS ROOM
	911	CONTROL ROOM			3					3						6	7	P	1							S		9'-4"	
	912	VESTIBULE					5									6	7	P								S		9'-4"	
	913	LOCKER ROOM				4									5	6	7	P		2						S		9'-4"	WAINSCOT 4'-0" HIGH
	914	CORRIDOR					5									6	7	P	1							S		9'-4"	
	915	BREAK ROOM			3					3						6	7	P	1							S		9'-4"	
	916	CHEMICAL ANALYSIS LAB					5									6	7	P	1							S		9'-4"	
	917	STORAGE					5									6	7	P	1							S		9'-4"	
	918	MECHANICAL ROOM					5									6	7	P					5		P		E		
	919	CORRIDOR					5									6	7	P	1							S		9'-4"	
	920	COATS					5									6	7	P	1							S		9'-4"	
	921	BACTERIOLOGY					5									6	7	P	1							S		9'-4"	PATCH FLOOR IN AREAS OF CABINET REMOVAL
	922	OFFICE					5									6	7	P	1							S		9'-4"	
	923	ELECTRICAL CLOSET					5									6	7	P	1				5		P		E		
	924	FIRST AID					5									6	7	P	1							S		9'-4"	
	925	WAITING					5									6	7	P	1							S		9'-4"	
	926	ENTRY					5												1				5			S			
	927	RECEPTION					5									6	7	P	1							S		9'-4"	
	928	OFFICE					5									6	7	P	1							S		9'-4"	
	929	CONFERENCE					5									6	7	P	1							S		9'-4"	
	930	MEN'S ROOM				4									5	6	7	P		2						S		9'-4"	WAINSCOT 4'-0" HIGH
	931	WOMEN'S ROOM				4									5	6	7	P		2						S		9'-4"	WAINSCOT 4'-0" HIGH
	932	JANITOR CLOSET				4										6	7	P		2			5		P		E		
	933	FILES					5									6	7	P	1				5		P		E		
	934	PLANT SUPERVISOR					5									6	7	P	1							S		9'-4"	
	935	INDUSTRIAL WASTE INSP. OFFICE					5									6	7	P	1							S		9'-4"	

DOORS AND FRAMES

LOCATION	DOOR NO.	DOOR SIZE W	H	T	DOOR MAT.	DOOR TYPE	GLASS	LOUVER W	H	BOT.	FRAME MAT.	FRAME TYPE	FRAME DETAILS JAMB	HEAD	SILL	FIRE RATING LAB	CON	HARDWARE SET NO.	KEYSIDE ROOM NO.	REMARKS	LINTEL
PBB	600	3'-0"	7'-0"	1-3/4"	STL	C	TEMPERED	-	-	-	STL	III	3	4,5	14	-	-	1	EXTERIOR	-	L-2
	600A	10'-0"	10'-8"	-	STL	E	TEMPERED	-	-	-	STL	V	8	-	-	-	-	-	-	INSULATED STEEL SECTIONAL DOOR (MOTOR OPERATED)	L-1
	601	2'-3'-0"	7'-0"	1-3/4"	STL	B	TEMPERED	-	-	-	STL	II	1	2	-	-	-	6	-	-	L-4
	601A	3'-0"	7'-0"	1-3/4"	STL	B	TEMPERED	-	-	-	STL	I	1	2	-	-	-	2	-	-	L-4
SHB	701	3'-0"	7'-0"	1-3/4"	STL	B	TEMPERED	-	-	-	STL	I	1	2	-	-	-	5	-	-	L-3
	703	3'-0"	7'-0"	1-3/4"	STL	C	TEMPERED	-	-	-	STL	III	1	2	14	-	-	1	-	-	-
	703A	-	-	-	-	-	TEMPERED	-	-	-	STL	-	1	2	-	-	-	-	-	STEEL FRAMING WITH GLAZING	L-3
	711	2-3'-0"	7'-0"	1-3/4"	STL	B	TEMPERED	-	-	-	STL	II	1	2	-	-	-	6	-	-	L-3
	714C	3'-0"	7'-0"	1-3/4"	STL	A	-	-	-	-	STL	I	3 SIM.	5	14	-	-	1	EXTERIOR	-	-
	725	3'-0"	7'-8"	1-3/4"	STL	A	-	-	-	-	STL	III	3 SIM.	4, 5	14	-	-	1	EXTERIOR	-	-
	725A	9'-4"±	10'-6"±	-	STL	E	TEMPERED	-	-	-	STL	V	7	-	-	-	-	-	-	INSULATED STEEL SECTIONAL DOOR (MOTOR OPERATED)	-
OPS	902	3'-0"	7'-0"	1-3/4"	STL	C	TEMPERED	-	-	-	STL	I	1	2	-	-	-	3	-	-	L-3
	902A	10'-0"	10'-0"	-	ALUM	F	-	-	-	-	STL	V	6	-	-	-	-	-	-	INSULATED ALUMINUM COILING DOOR (MOTOR OPERATED)	-
	903	3'-0"	7'-0"	1-3/4"	STL	A	-	-	-	-	STL	I	1	2	15	-	-	4	-	-	L-3
	904	3'-0"	7'-0"	1-3/4"	STL	A	-	-	-	-	STL	I	1	2	15	-	-	3	-	-	L-3
	904A	3'-0"	7'-0"	1-3/4"	STL	A	-	-	-	-	STL	I	1	2	15	-	-	3	-	-	L-3
	911	3'-0"	7'-0"	1-3/4"	STL	C	TEMPERED	-	-	-	STL	I	1	2	13	-	-	5	914	-	-
	913	3'-0"	7'-0"	1-3/4"	STL	A	-	-	-	-	STL	I	1	2	13	-	-	4	914	-	-
	915	3'-0"	7'-0"	1-3/4"	STL	C	TEMPERED	-	-	-	STL	I	1	2	13	-	-	5	914	-	-
	925	3'-0"	7'-8"	1-3/4"	ALUM	D	TEMPERED	-	-	-	ALUM	IV	9, 10, 12	11	14	-	-	7	-	EXIT HARDWARE BY DOOR MANUFACTURER	-
	926	3'-0"	7'-8"	1-3/4"	ALUM	D	TEMPERED	-	-	-	ALUM	IV	9, 10, 12	11	14	-	-	7	EXTERIOR	EXIT HARDWARE BY DOOR MANUFACTURER	-
	930	3'-0"	7'-0"	1-3/4"	STL	A	-	-	-	-	STL	I	1	2	15	-	-	3	-	-	-
	931	3'-0"	7'-0"	1-3/4"	STL	A	-	-	-	-	STL	I	1	2	15	-	-	3	-	-	-

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD.
2. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
3. PAINT ALL NEW WORK AND ALL EXISTING PREVIOUSLY PAINTED SURFACES INCLUDING STEEL DOORS, PIPING, CONDUITS, DUCTWORK, EQUIPMENT, ETC.

PREPARED BY

BETA
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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS REGISTERED ARCHITECT STEVEN V. RUSTEN No. 052019 HARRSBURG PA

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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Schedules

NO.	REVISIONS	DATE

DRAWN BY: K. HANLIN
DESIGNED BY: K. HANLIN
CHECKED BY: E. RUSTEN
ISSUE DATE: 7/2/2021
BETA JOB NO.: 6050

SCALE

4 0 4 8
SCALE IN FEET: 1"=4'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-0.1

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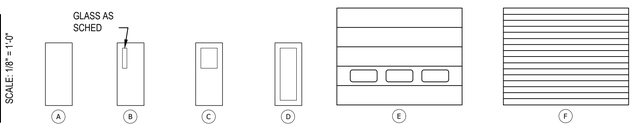
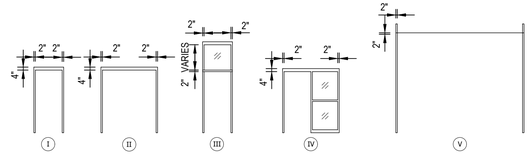
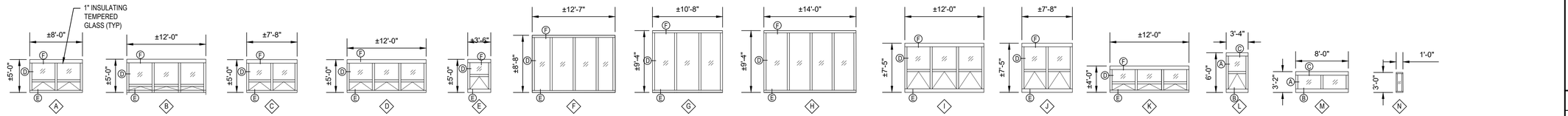
DOOR TYPES
SCALE: 1/8" = 1'-0"



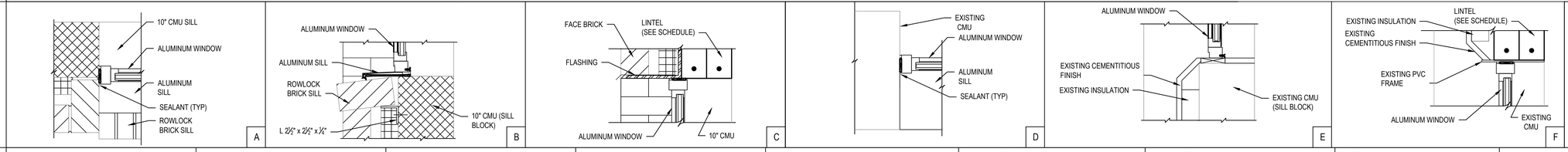
FRAME TYPES
SCALE: 1/8" = 1'-0"



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



WINDOW DETAILS
SCALE: 1 1/2" = 1'-0"



FRAME DETAILS
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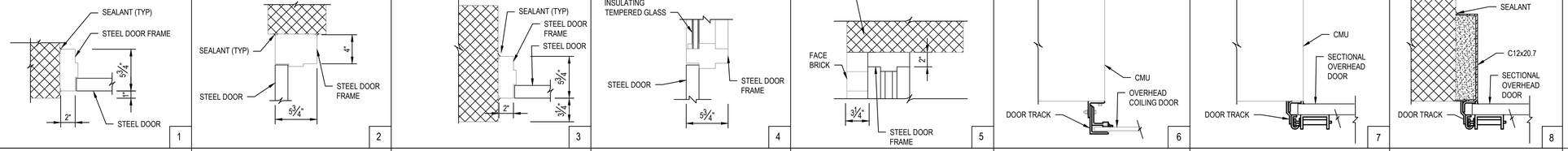
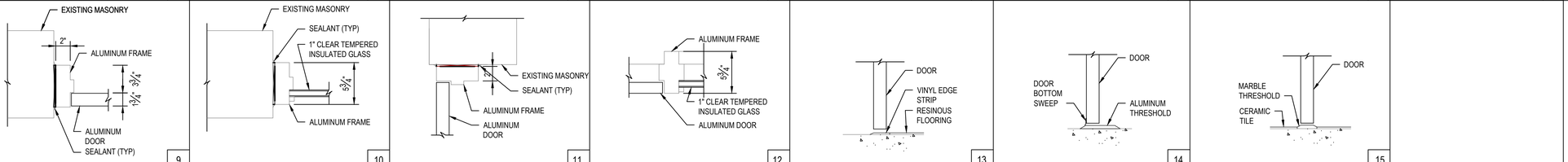
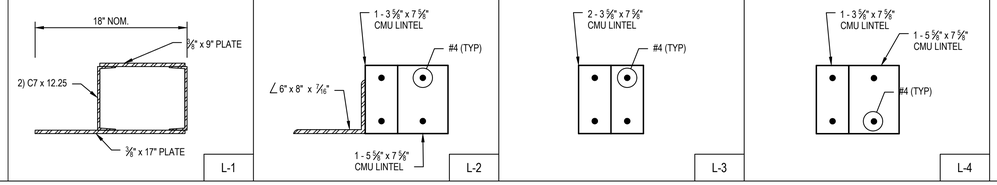


FRAME DETAILS
SCALE: 1 1/2" = 1'-0"



LINTELS
SCALE: 1 1/2" = 1'-0"



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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Details

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

4 0 4 8
SCALE IN FEET: 1"=4'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-0.2

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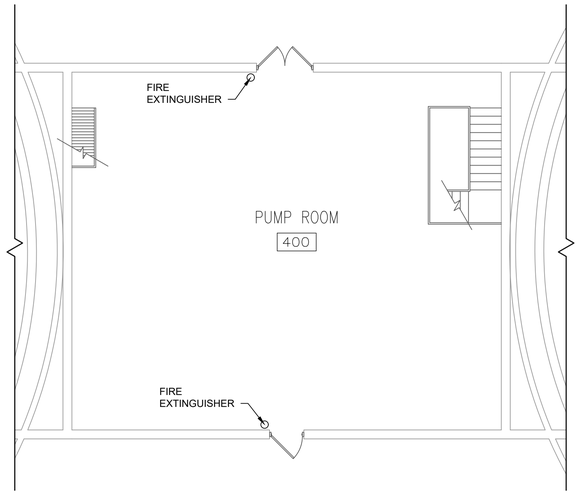
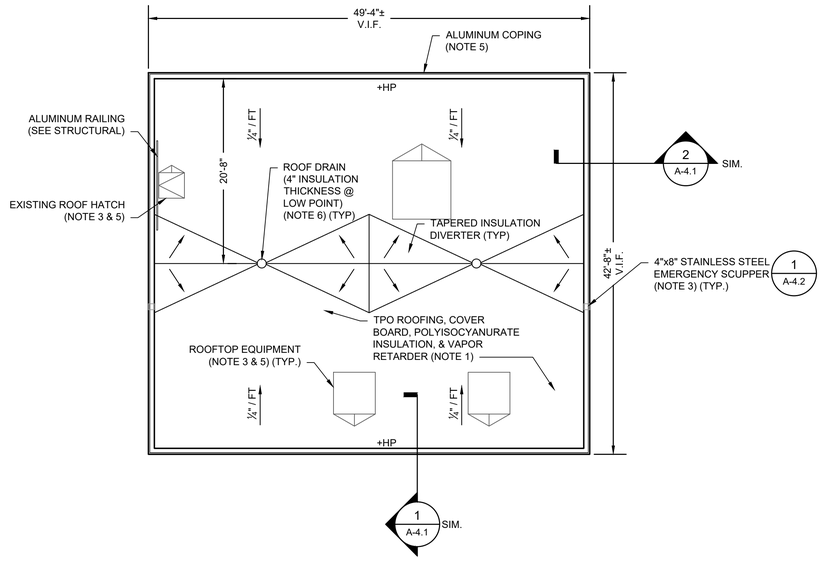


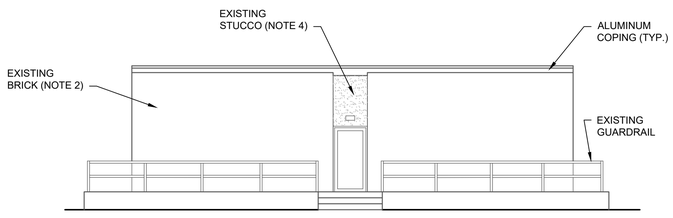
FIRST FLOOR PLAN

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



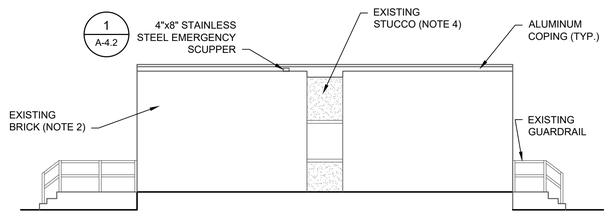
ROOF PLAN

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



SOUTH ELEVATION

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

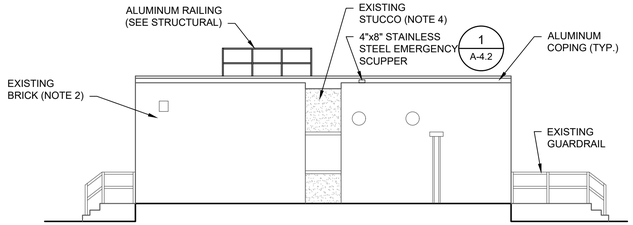


EAST ELEVATION

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

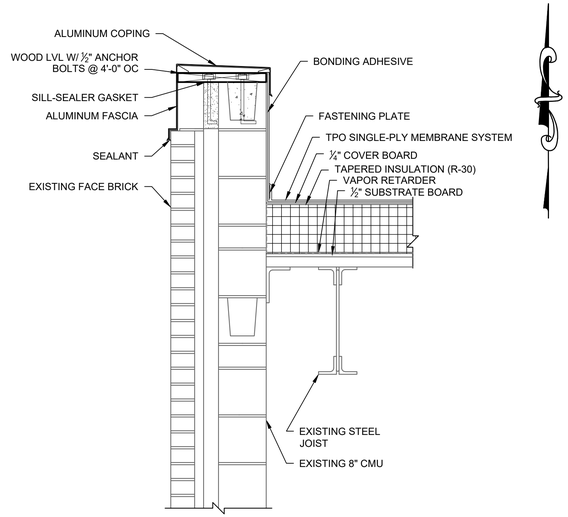
NORTH ELEVATION

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



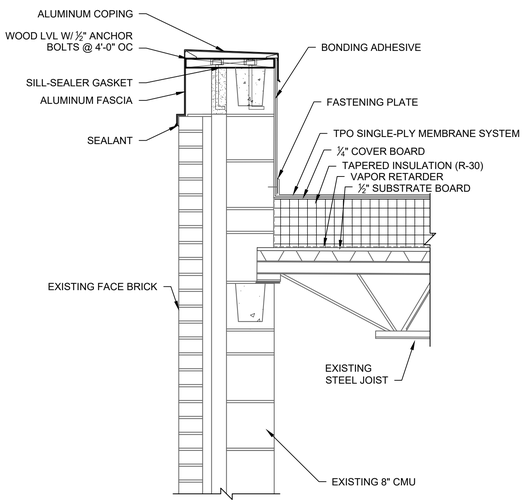
WEST ELEVATION

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



1 / A-4.1 ROOF DETAIL

SCALE: 1"=1'-0"



2 / A-4.1 ROOF DETAIL

SCALE: 1"=1'-0"

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD.
2. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
3. SEE SCHEDULE SHEET FOR DOOR INFORMATION.

NOTES

1. REMOVE EXISTING ROOF MEMBRANE, INSULATION, FASCIA, ROOF DRAINS AND ASSOCIATED FLASHING. INSPECT CONCRETE SUBSTRATE AND REPAIR AS NECESSARY. COORDINATE TEMPORARY REMOVAL AND RE-INSTALLATION OF ROOF HATCHES AND EQUIPMENT WHEN RAISING CURB HEIGHTS FOR NEW INSULATION THICKNESS.
2. CLEAN EXISTING BRICK. REPAIR AND REPOINT AS NECESSARY.
3. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS' STANDARD DETAILS AND WARRANTY REQUIREMENTS.
4. CLEAN EXISTING STUCCO AND REPAIR AS NECESSARY
5. EXTEND EXISTING CURBS AS NEEDED TO ACHIEVE A MINIMUM OF 10 INCHES ABOVE FINISHED ELEVATIONS.
6. INSTALL ROOF DRAIN INTO EXISTING PIPING, ADDING PIPE EXTENSIONS IF NECESSARY TO RAISE IT TO THE NEW INSULATION THICKNESS. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURER' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.

CODE ANALYSIS

2015 INTERNATIONAL EXISTING BUILDING CODE SUMMARY

Alteration Level 1

Work consists of the replacement of existing roof system, and repair and cleaning of existing brick and stucco.

PREPARED BY

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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
STEVEN V RUSTEN
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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Pump Station 1
Plans and Elevations

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

8 0 8 16
SCALE IN FEET: 1"=8'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-4.1

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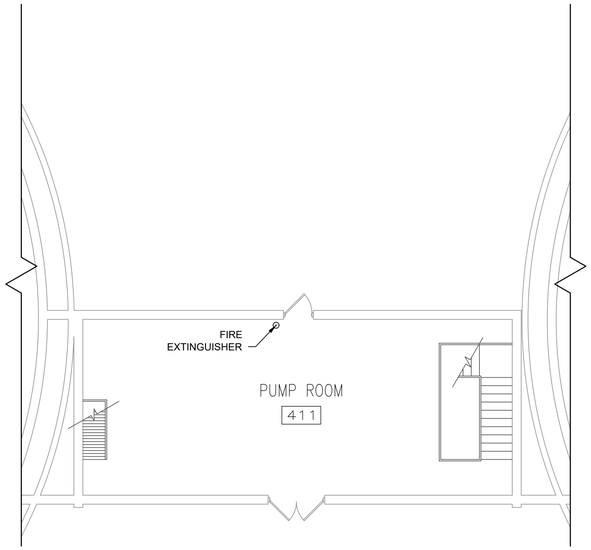
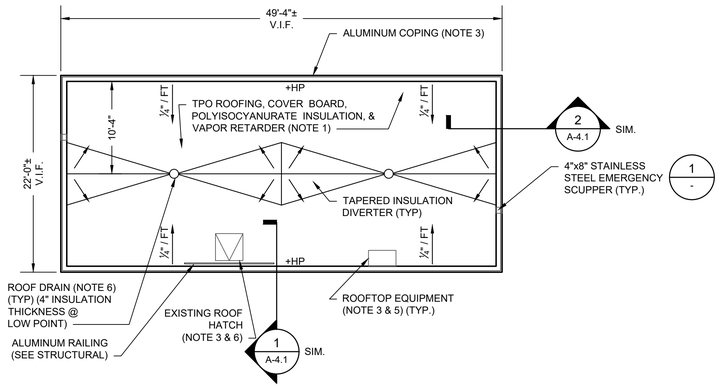


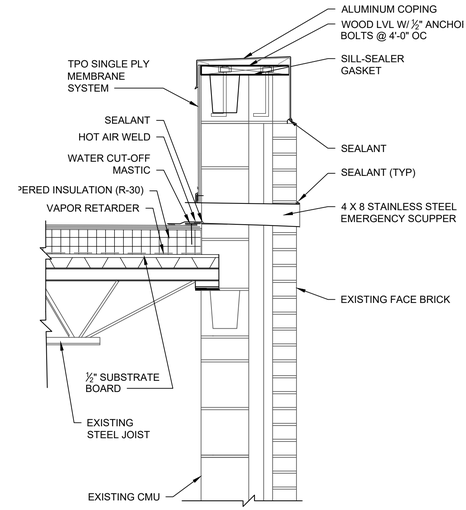
FIRST FLOOR PLAN

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



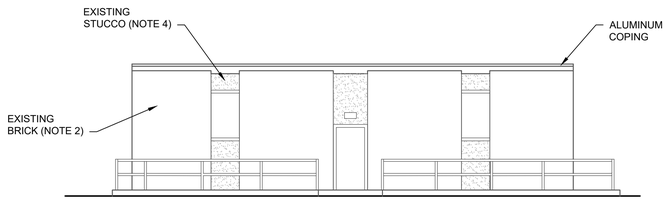
ROOF PLAN

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



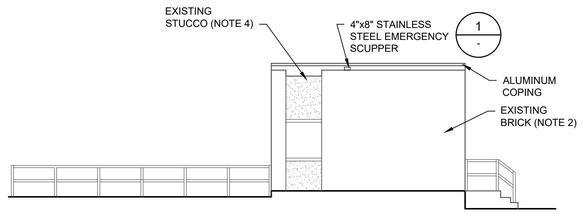
1 / A-4.1 SCUPPER DETAIL

SCALE: 1"=1'-0"



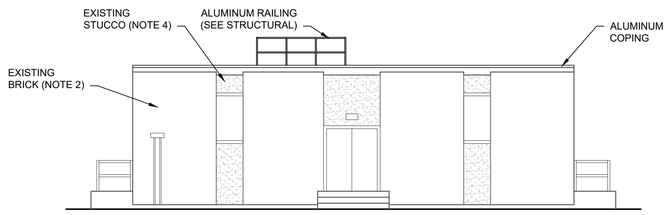
NORTH ELEVATION

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



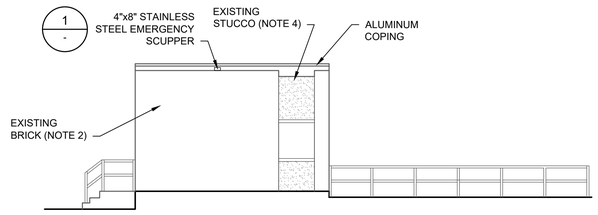
WEST ELEVATION

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



SOUTH ELEVATION

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



EAST ELEVATION

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

CODE ANALYSIS

2015 INTERNATIONAL EXISTING BUILDING CODE SUMMARY

Alteration Level 1

Work consists of the replacement of existing roof system, and repair and cleaning of existing brick and stucco.

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD.
2. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
3. SEE SCHEDULE SHEET FOR DOOR INFORMATION.

NOTES

1. REMOVE EXISTING ROOF MEMBRANE, INSULATION, FASCIA, ROOF DRAINS AND ASSOCIATED FLASHING. INSPECT CONCRETE SUBSTRATE AND REPAIR AS NECESSARY. COORDINATE TEMPORARY REMOVAL AND RE-INSTALLATION OF ROOF HATCHES AND EQUIPMENT WHEN RAISING CURB HEIGHTS FOR NEW INSULATION THICKNESS.
2. CLEAN EXISTING BRICK. REPAIR AND REPOINT AS NECESSARY.
3. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS' STANDARD DETAILS AND WARRANTY REQUIREMENTS.
4. CLEAN EXISTING STUCCO AND REPAIR AS NECESSARY
5. EXTEND EXISTING CURBS AS NEEDED TO ACHIEVE A MINIMUM OF 10 INCHES ABOVE FINISHED ELEVATIONS.
6. INSTALL ROOF DRAIN INTO EXISTING PIPING, ADDING PIPE EXTENSIONS IF NECESSARY TO RAISE IT TO THE NEW INSULATION THICKNESS. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURER' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.

PREPARED BY

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COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
STEVEN V RUSTEN
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PA

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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Pump Station 2
Plans and Elevations

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

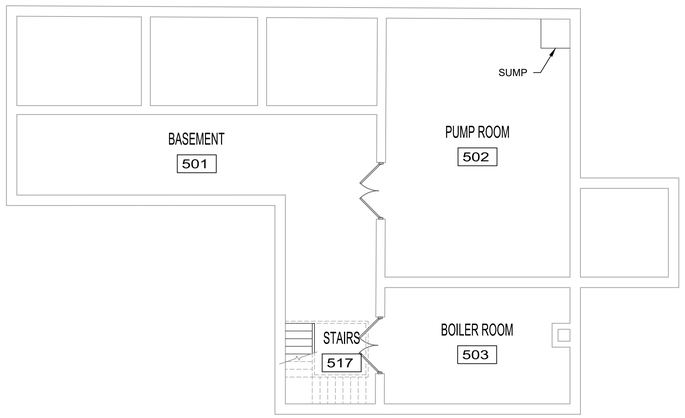
8 0 8 16
SCALE IN FEET: 1"=8'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

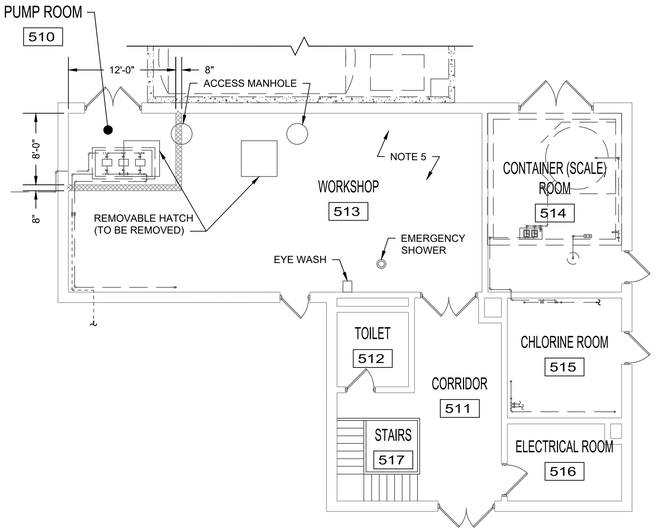
A-4.2

6/30/2021 4:42 PM N:\USI\HYANNIS\PROJECTS\11\11186884 TAUNTON WWTF DESIGN SERVICES\CADD\DRAWINGS\ARCHITECTURAL\11186844-AMOD-A-4.2 BETA.DWG (BETA STB BW.STB)



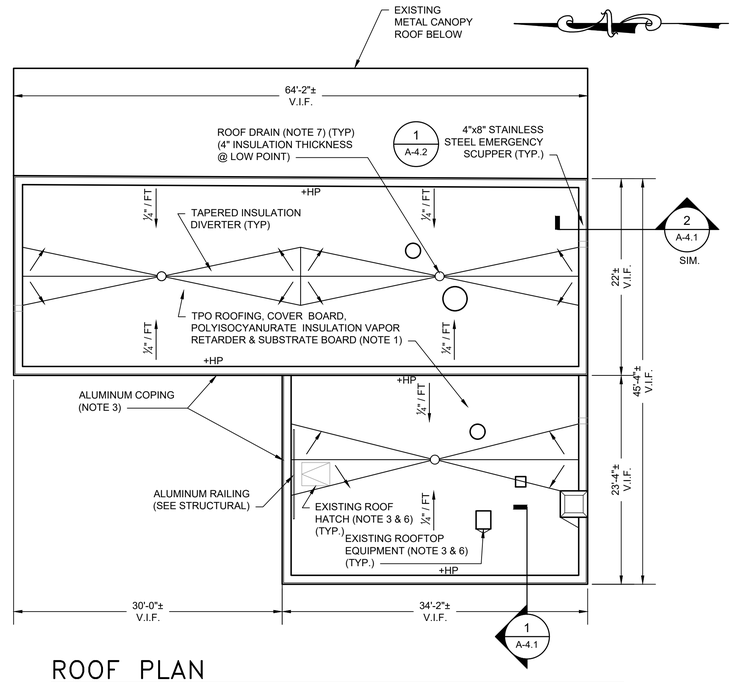
BASEMENT PLAN

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



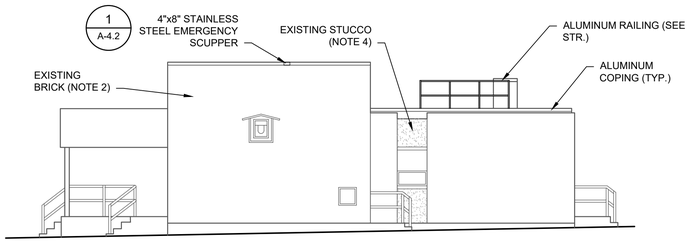
FIRST FLOOR PLAN

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

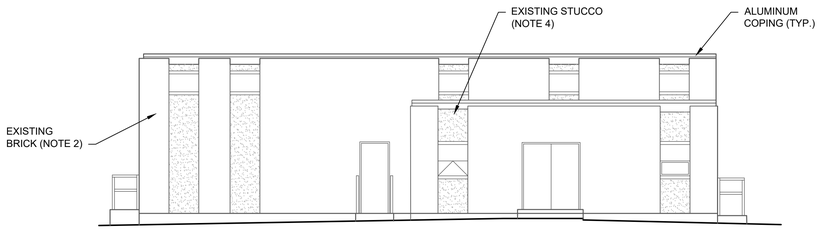


ROOF PLAN

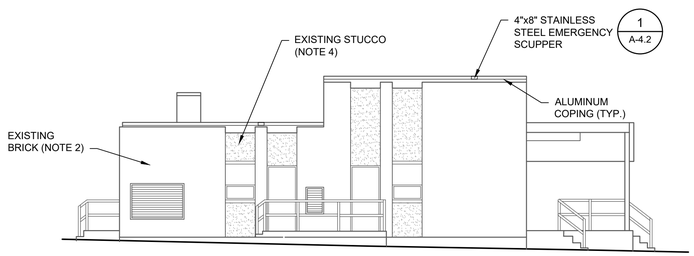
SCALE: 1/8"=1'-0"



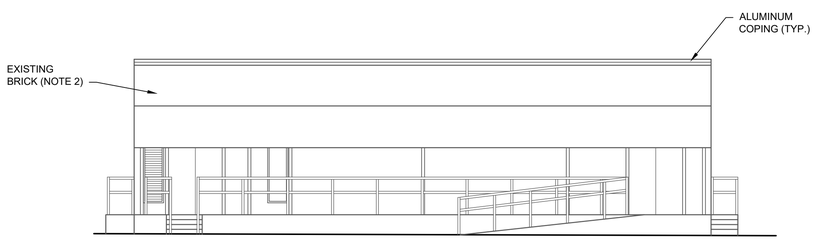
NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

ELEVATIONS

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

CODE ANALYSIS

2015 INTERNATIONAL EXISTING BUILDING CODE SUMMARY

Alteration Level 2

Work consists of the replacement of existing roof system and repair and cleaning of existing brick and stucco. Walls will be added, adding a pump room.

Building Area: 1980 SF
Work Area: 110 SF, 6%

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD.
2. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
3. SEE SCHEDULE SHEET FOR DOOR INFORMATION.

NOTES

1. REMOVE EXISTING ROOF MEMBRANE, INSULATION, FASCIA, ROOF DRAINS AND ASSOCIATED FLASHING. INSPECT SUBSTRATE AND REPAIR AS NECESSARY. COORDINATE TEMPORARY REMOVAL AND RE-INSTALLATION OF ROOF HATCHES AND EQUIPMENT WHEN RAISING CURB HEIGHTS FOR NEW INSULATION THICKNESS.
2. CLEAN EXISTING BRICK. REPAIR AND REPOINT AS NECESSARY.
3. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.
4. CLEAN EXISTING STUCCO WITH APPROPRIATE CLEANING METHOD. REPAIR AND PAINT ANY DAMAGED AREAS.
5. WORKSHOP 513 TO BE CLEANED AND PREPARED FOR PAINTING. REMOVE ANY LIME OR OTHER CHEMICAL BUILDUP ON FLOORS, WALLS AND CEILING.
6. EXTEND EXISTING CURBS AS NEEDED TO ACHIEVE A MINIMUM OF 10 INCHES ABOVE FINISHED ELEVATIONS.
7. INSTALL ROOF DRAIN INTO EXISTING PIPING, ADDING PIPE EXTENSIONS IF NECESSARY TO RAISE IT TO THE NEW INSULATION THICKNESS. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS' DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.

PREPARED BY

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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
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No. 052019
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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Chemical Handling Building
Plans and Elevations

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

8 0 8 16
SCALE IN FEET: 1"=8'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-5.1

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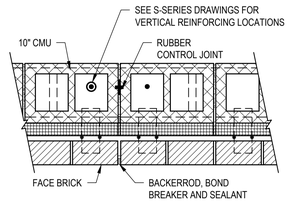
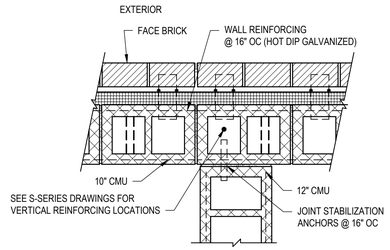


NOTE: BLOCK CONTROL JOINT MAY BE OFFSET FROM BRICK CONTROL JOINT TO COINCIDE WITH BLOCK JOINTS.

1 CONTROL JOINT
A-6.1 SCALE: 1"=1'-0"



2 JOINT STABILIZATION ANCHOR
A-6.1 SCALE: 1"=1'-0"

CODE ANALYSIS

2015 INTERNATIONAL BUILDING CODE

USE:	U (UTILITY OCCUPANCY)	
CONSTRUCTION TYPE:	II B	
BUILDING AREA:	PERMITTED (TABLE 506.2)	8500 SF
	PROVIDED	2440 SF
BUILDING HEIGHT:	PERMITTED (TABLE 504.3)	2 STORY
	PROVIDED	1 STORY
AUTOMATIC SPRINKLER SYSTEM (SECTION 903):		NOT REQUIRED
ACCESSIBILITY (SECTION 1103.2.9):		NOT APPLICABLE
PLUMBING FIXTURES:		NOT REQUIRED

2018 INTERNATIONAL ENERGY CONSERVATION CODE

ZONE 5A

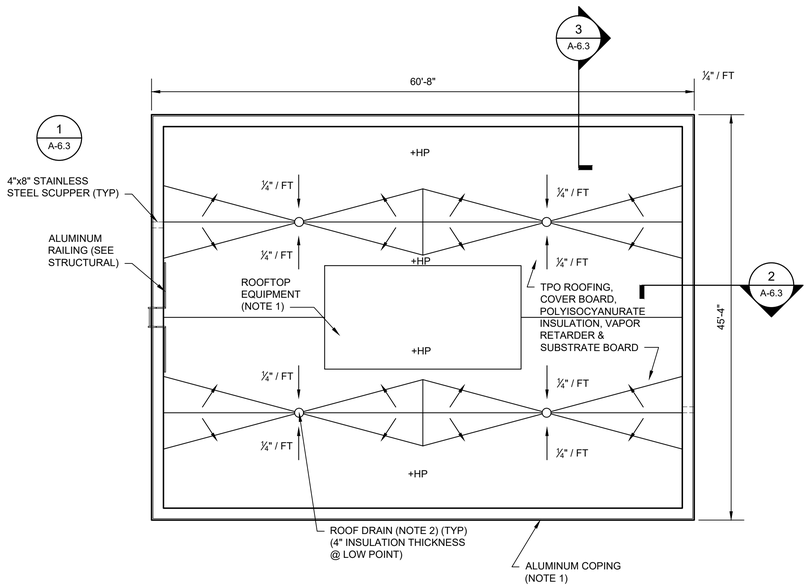
	REQUIRED	PROVIDED
SLAB	R-10	R-10
ROOF	R-30	R-30
WALLS	R-11.4	R-12
OPAQUE DOOR		
SWINGING	U-0.37	U-0.10
NON-SWINGING	R-4.75	R-17.4
WINDOWS	U-0.38	U-0.10

GENERAL NOTES

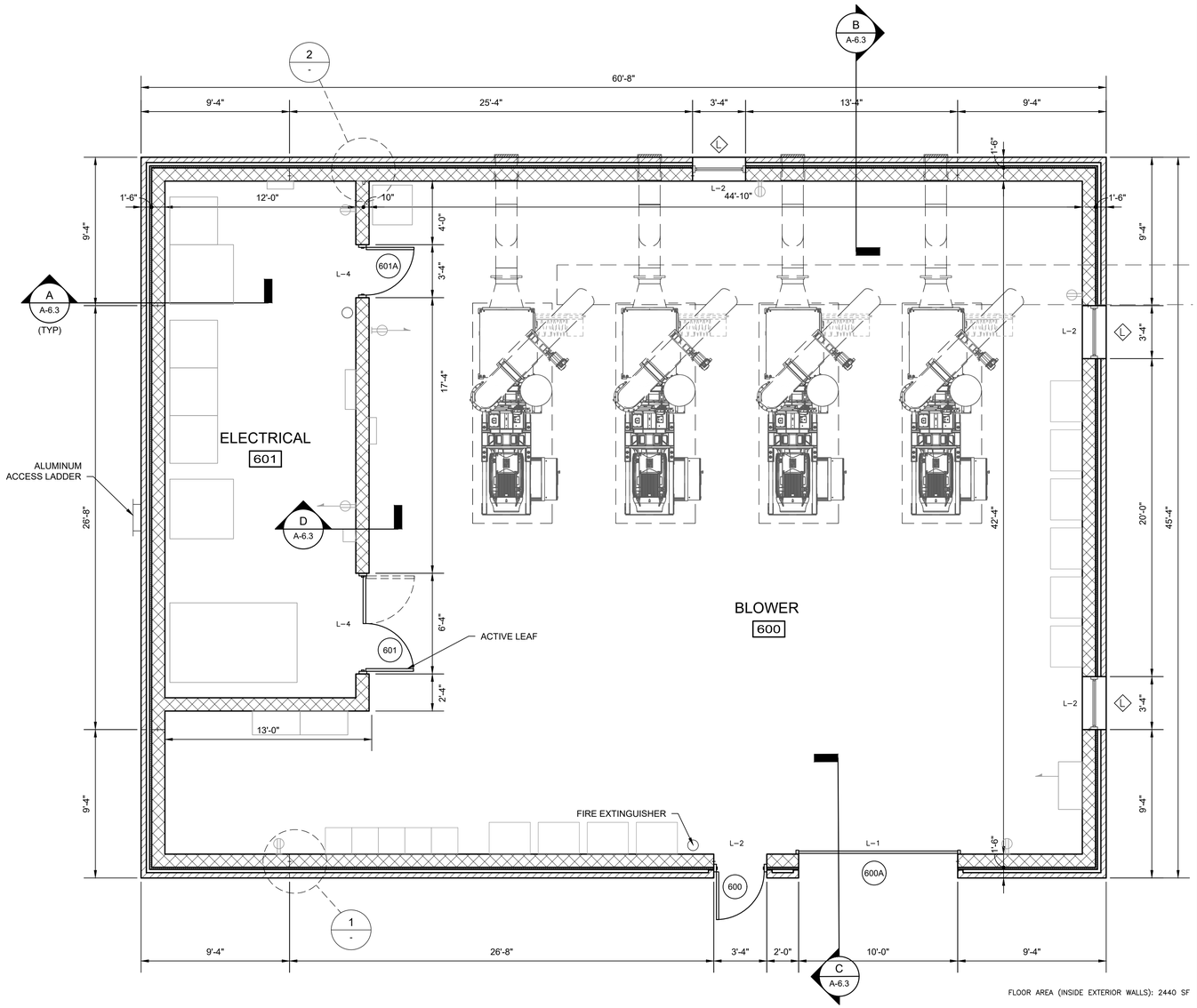
1. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
2. SEE SCHEDULE SHEET FOR DOOR INFORMATION.

NOTES

1. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.



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



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

PREPARED BY

BETA
www.BETA-Inc.com

REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS REGISTERED ARCHITECT STEVEN V RUSTEN No. 052018 HARRSBURG PA

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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Proposed Blower Building Plans

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

4 0 4 8
SCALE IN FEET: 1"=4'
8 0 8 16
SCALE IN FEET: 1"=8'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-6.1

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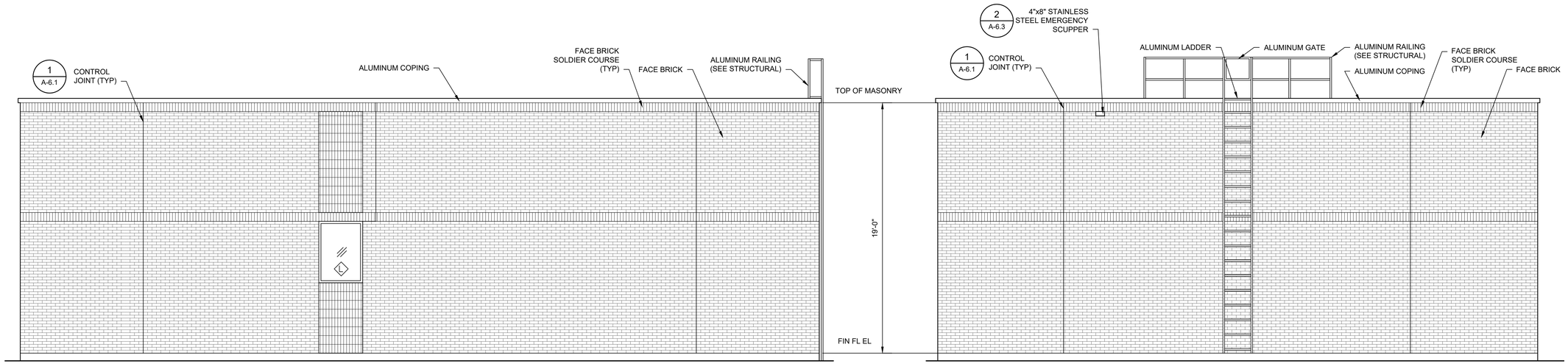
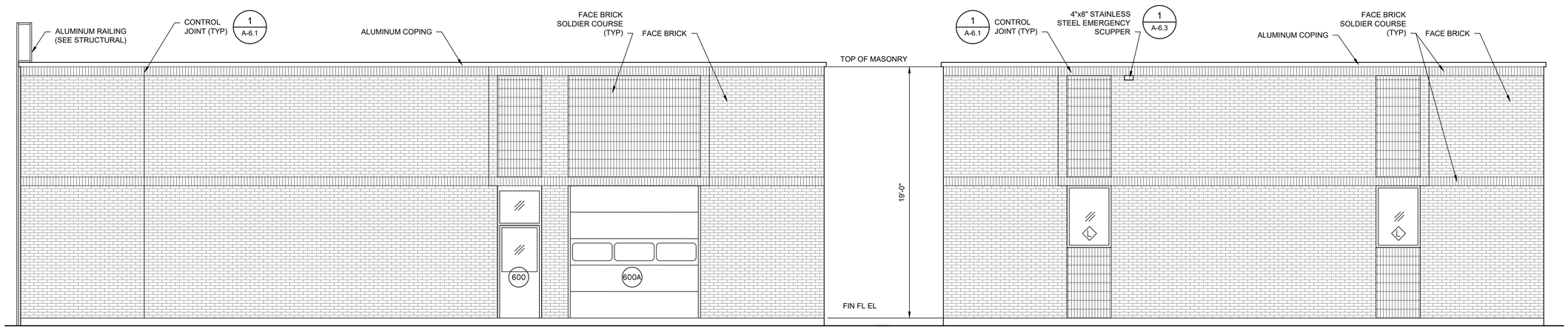


NORTH ELEVATION

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

WEST ELEVATION

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



SOUTH ELEVATION

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

EAST ELEVATION

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

PREPARED BY

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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
STEVEN V RUSTEN
No. 052019
HARRSBURG
PA

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Hyannis MA 02601 USA
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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Proposed Blower Building Elevations

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

4 0 4 8
SCALE IN FEET: 1"=4'
8 0 8 16
SCALE IN FEET: 1"=8'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-6.2

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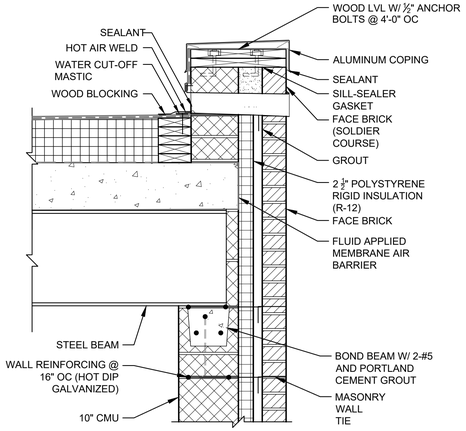
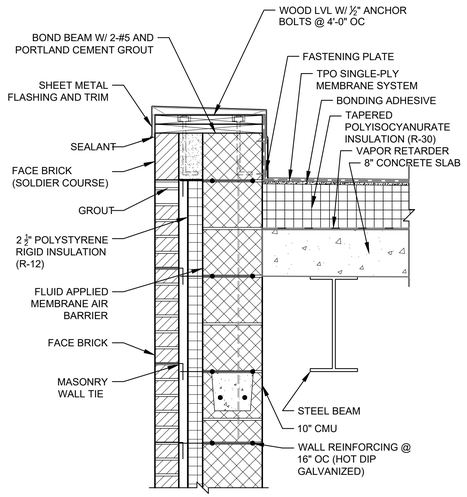


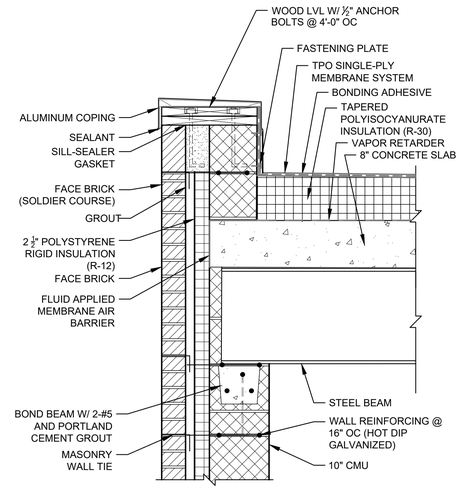
SCUPPER DETAIL 1

SCALE: 1"= 1'-0"



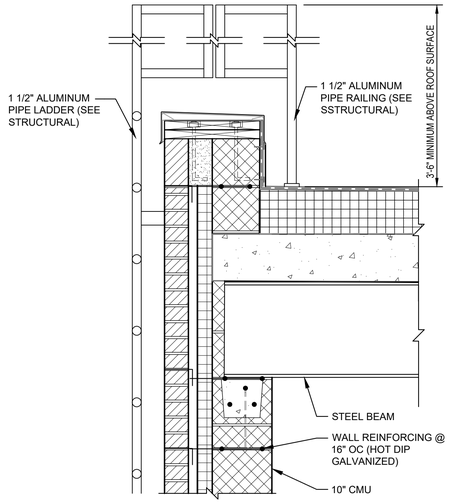
EAVE DETAIL 2

SCALE: 1"= 1'-0"



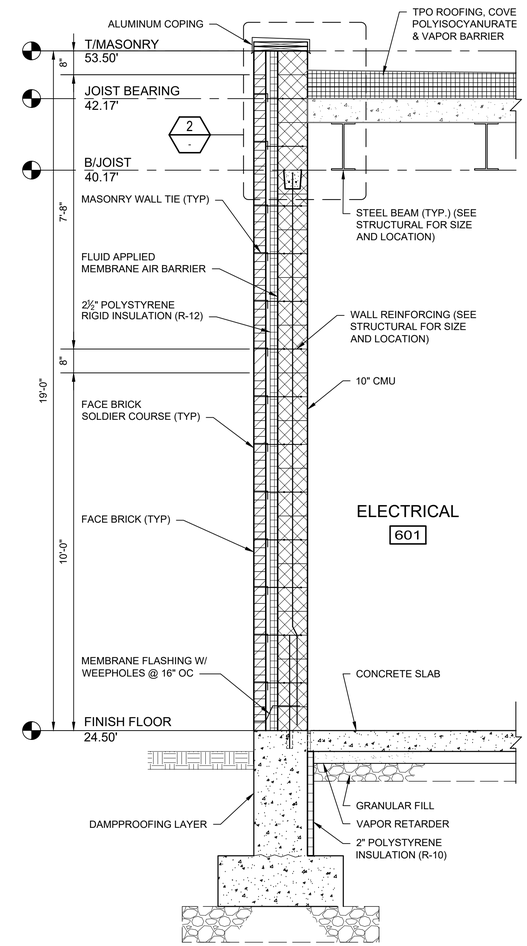
EAVE DETAIL 3

SCALE: 1"= 1'-0"



LADDER DETAIL 4

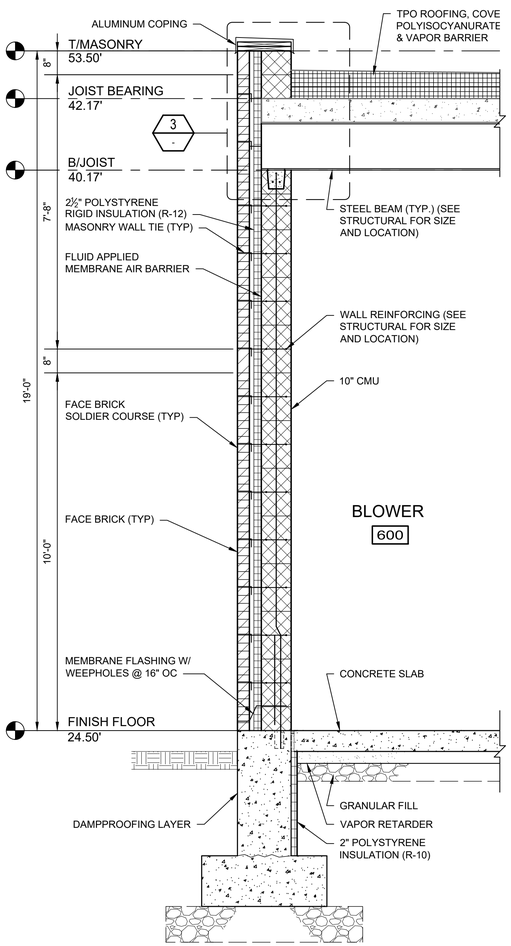
SCALE: 1"= 1'-0"



SECTION A

SCALE: 1/2"= 1'-0"

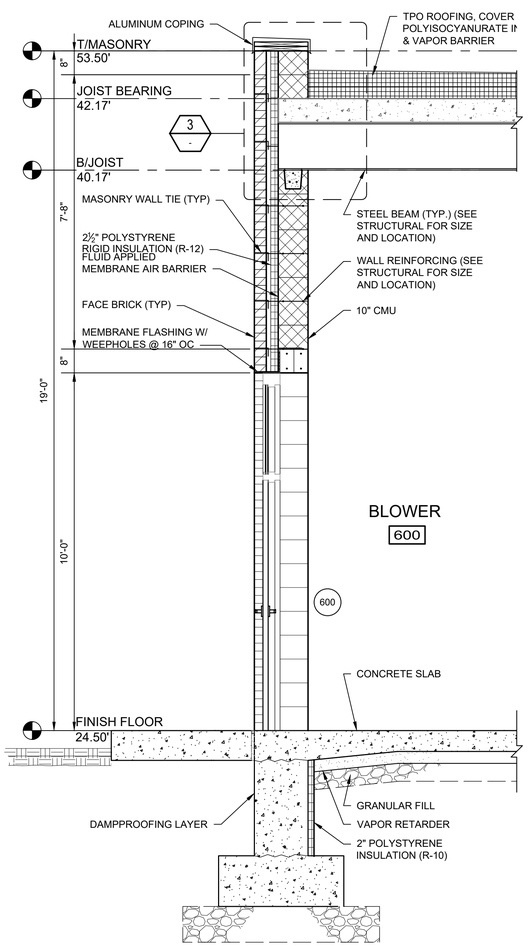
A-6.1



SECTION B

SCALE: 1/2"= 1'-0"

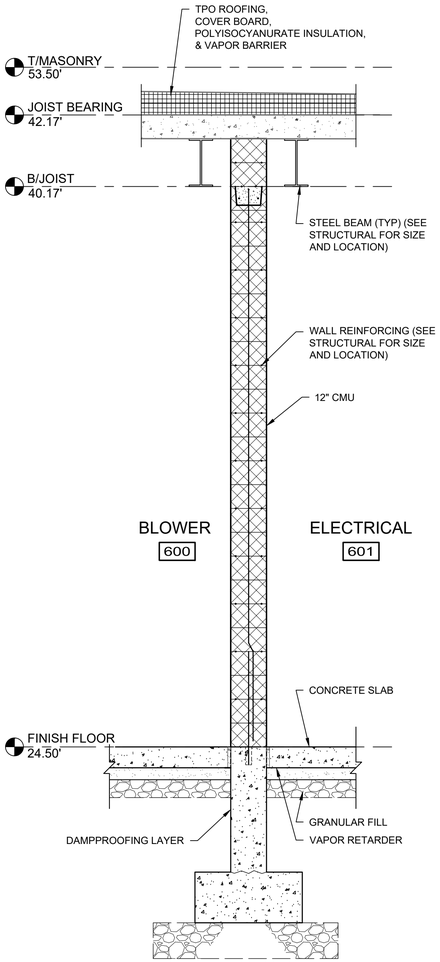
A-6.1



SECTION C

SCALE: 1/2"= 1'-0"

A-6.1



SECTION D

SCALE: 1/2"= 1'-0"

A-6.1

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PREPARED BY

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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
STEVEN V. RUSTEN
No. 052018
HARRSBURG
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Hyannis MA 02601 USA
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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Proposed Blower Building Wall Sections

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

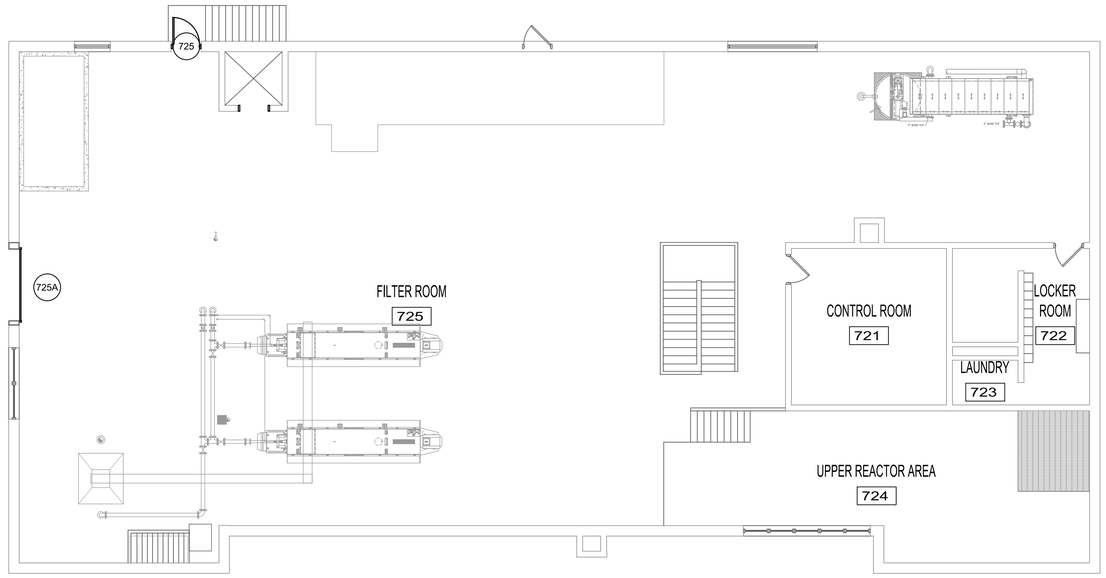
SCALE

4 0 2 4
SCALE IN FEET: 1"=2'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

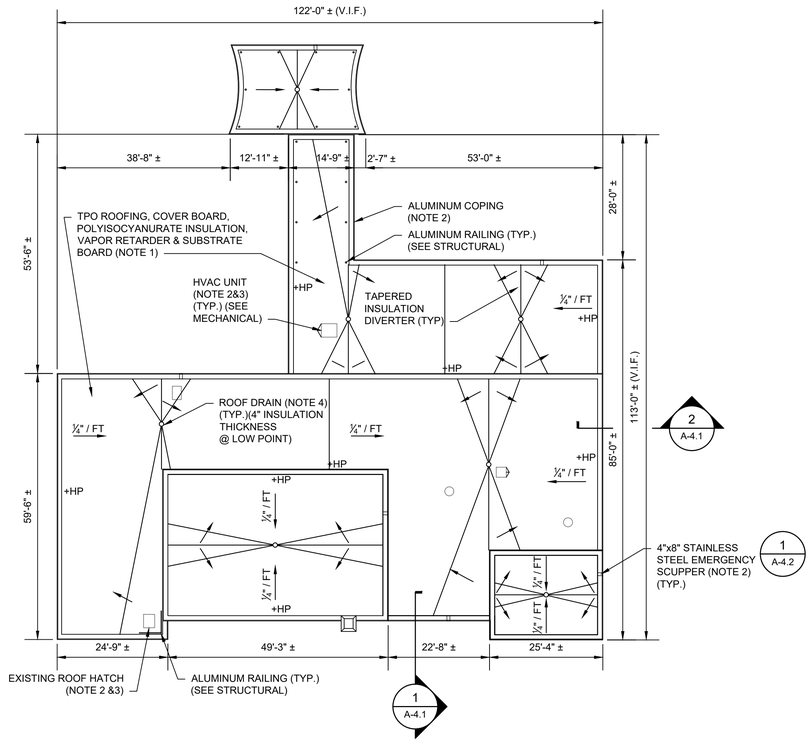
SHEET NO.

A-6.3



SECOND FLOOR PLAN

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



ROOF PLAN

SCALE: 1/16"=1'-0"

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD.
2. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
3. SEE SCHEDULE SHEET FOR DOOR INFORMATION.

NOTES

1. REMOVE EXISTING ROOF MEMBRANE, INSULATION, FASCIA, ROOF DRAINS AND ASSOCIATED FLASHING. INSPECT SUBSTRATE AND REPAIR AS NECESSARY. COORDINATE TEMPORARY REMOVAL AND RE-INSTALLATION OF ROOF HATCHES AND EQUIPMENT WHEN RAISING CURB HEIGHTS FOR NEW INSULATION THICKNESS.
2. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.
3. EXTEND EXISTING CURBS AS NEEDED TO ACHIEVE A MINIMUM OF 10 INCHES ABOVE FINISHED ELEVATIONS.
4. INSTALL ROOF DRAIN INTO EXISTING PIPING, ADDING PIPE EXTENSIONS IF NECESSARY TO RAISE IT TO THE NEW INSULATION THICKNESS. FLASH IN ACCORDANCE WITH MANUFACTURERS' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.

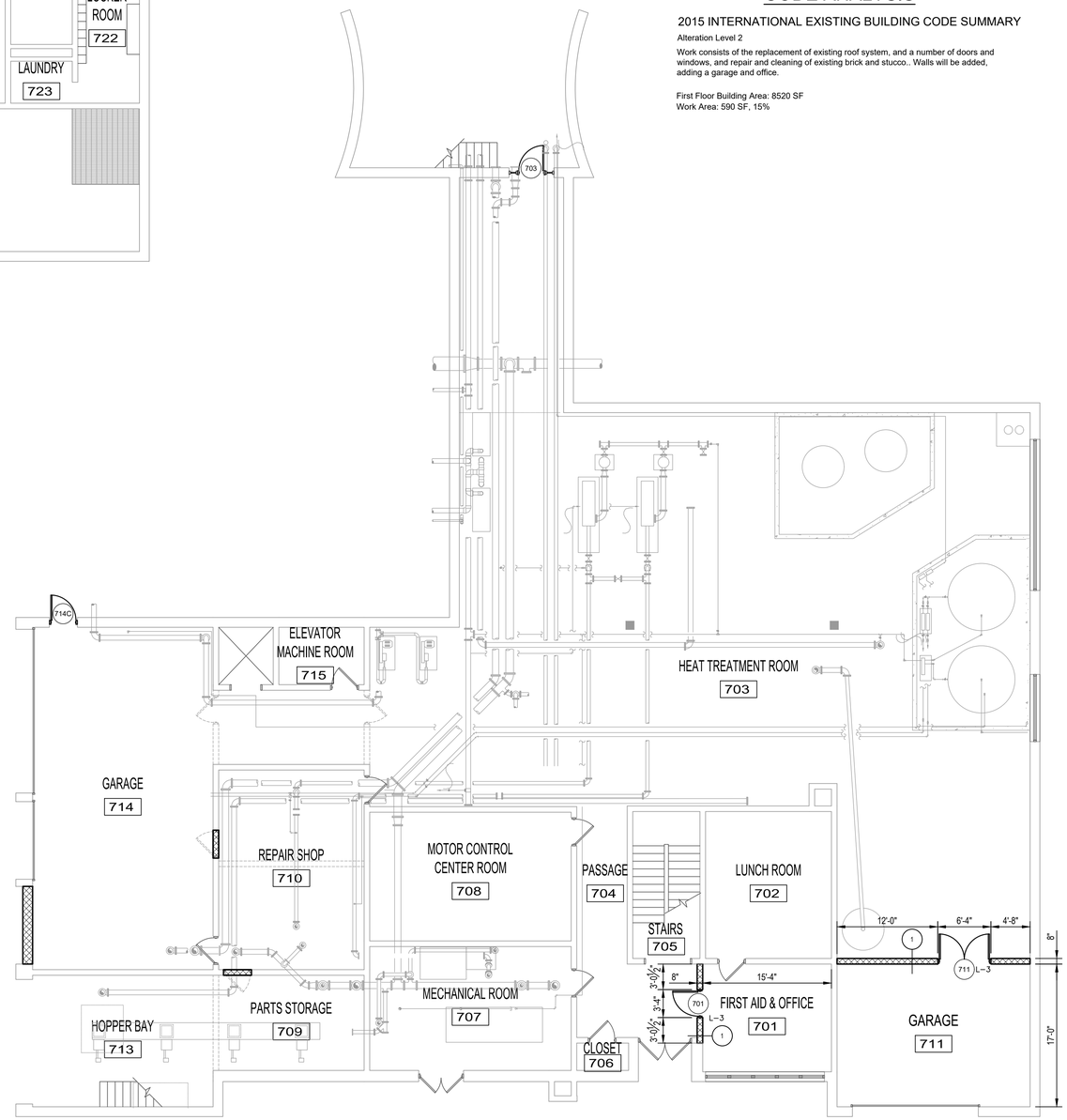
CODE ANALYSIS

2015 INTERNATIONAL EXISTING BUILDING CODE SUMMARY

Alteration Level 2

Work consists of the replacement of existing roof system, and a number of doors and windows, and repair and cleaning of existing brick and stucco.. Walls will be added, adding a garage and office.

First Floor Building Area: 8520 SF
Work Area: 590 SF, 15%



FIRST FLOOR PLAN

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

PREPARED BY

BETA
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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
STEVEN V. RUSTEN
No. 052018
REGISTERED ARCHITECT
HARRISBURG
PA

SUBCONSULTANT

GHD

GHD Inc.
1545 Iyannough Road
Hyannis MA 02601 USA
T 1 774 470 1630 **F** 1 774 470 1631 **W** www.ghd.com
GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Solids Handling Building Plans

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

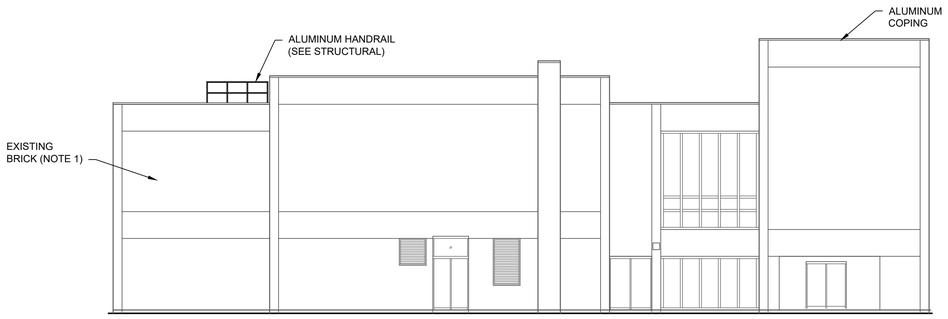
16 0 16 32
SCALE IN FEET: 1"=16'
8 0 8 16
SCALE IN FEET: 1"=8'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

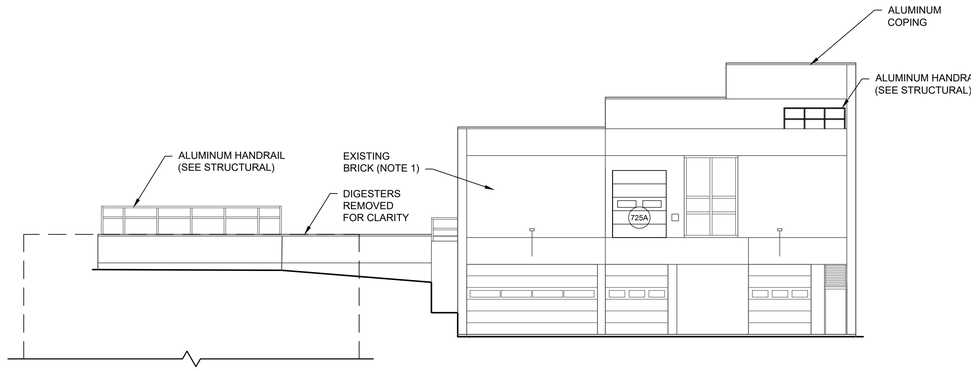
SHEET NO.

A-7.1

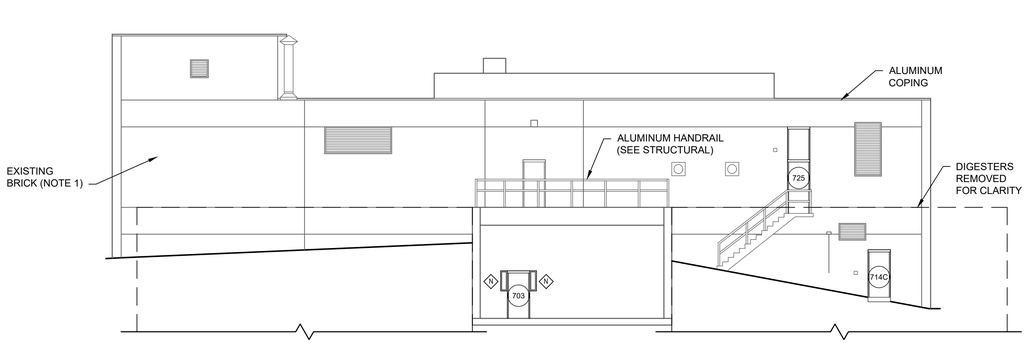
6/30/2021 4:45 PM N:\USH\YANNIS\PROJECTS\11\11186884 TAUNTON WWTF DESIGN SERVICES\CADD\DRAWINGS\ARCHITECTURAL\11186844-AMOD-A-7.1 BETA.DWG (BETA STB BW.STB)



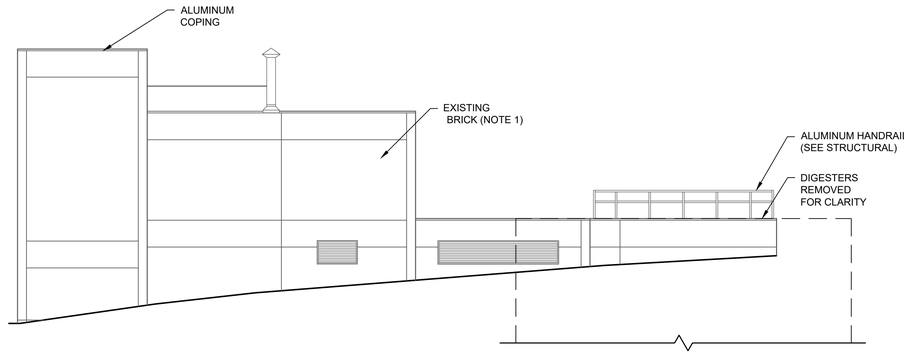
SOUTH ELEVATION



WEST ELEVATION



NORTH ELEVATION



EAST ELEVATION

ELEVATIONS

SCALE: 3/32"=1'-0"

NOTES

1. CLEAN EXISTING BRICK. REPAIR AND REPOINT AS NECESSARY.

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REGISTERED PROFESSIONAL

REGISTERED ARCHITECT
STEVEN V RUSTEN
No. 052018
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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Solids Handling Building Elevations

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

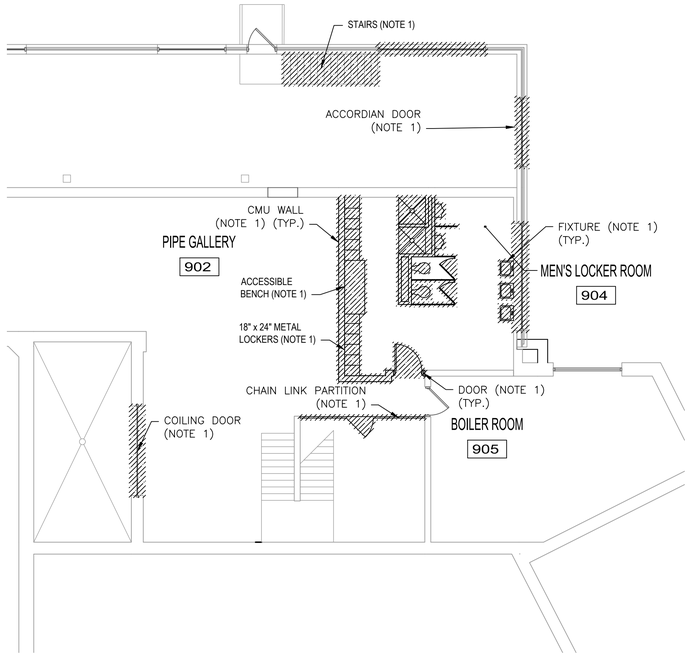
4 0 4 8
SCALE IN FEET: 1"=4'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

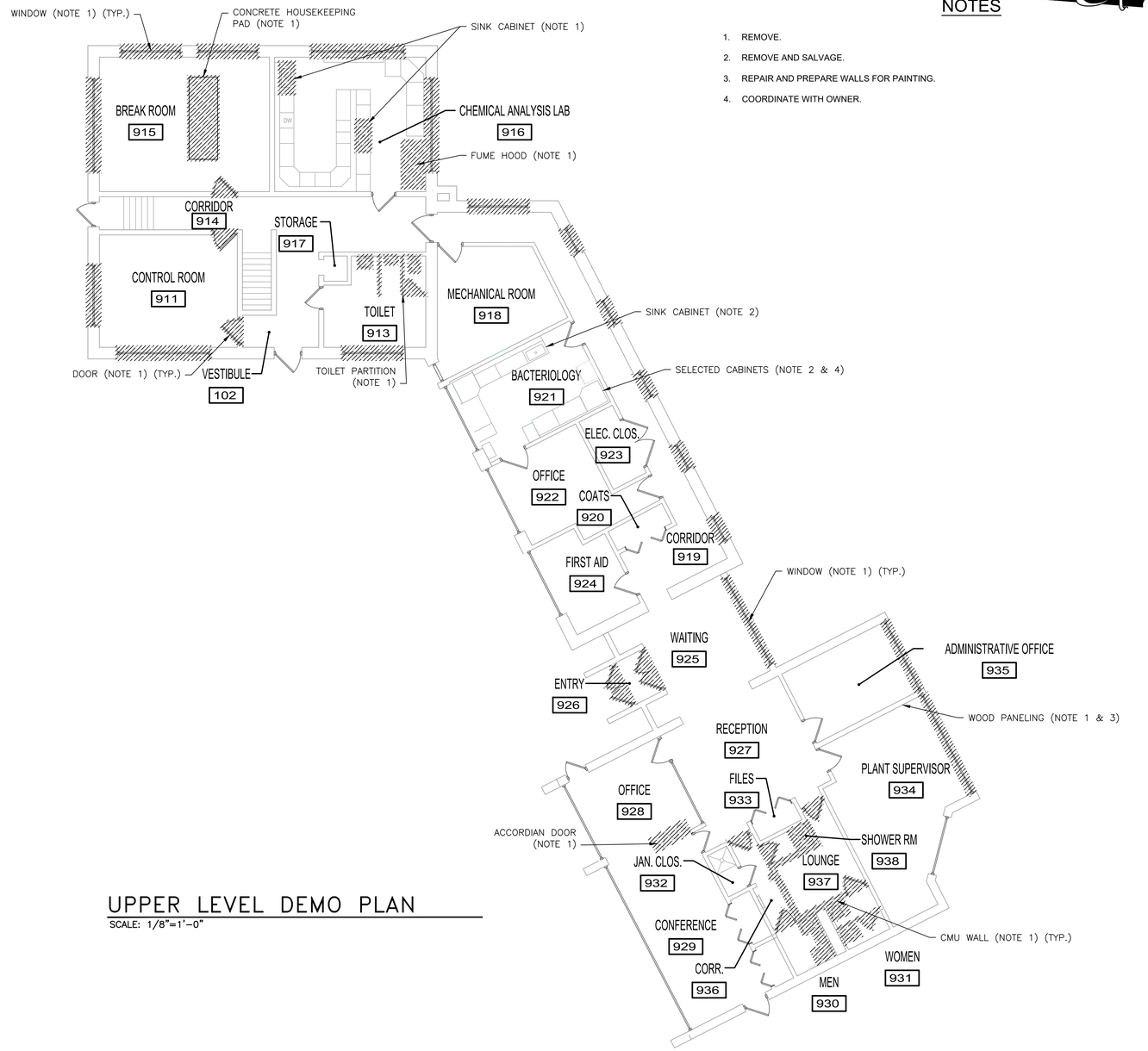
A-7.2

6/30/2021 4:45 PM N:\US\HYANNIS\PROJECTS\11\11186884 TAUNTON WWTF DESIGN SERVICES\CADD\DRAWINGS\ARCHITECTURAL\11186844-AMOD-A-7.2 BETA.DWG (BETA STB BW STB)



LOWER LEVEL DEMO PLAN

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



UPPER LEVEL DEMO PLAN

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

NOTES

1. REMOVE.
2. REMOVE AND SALVAGE.
3. REPAIR AND PREPARE WALLS FOR PAINTING.
4. COORDINATE WITH OWNER.

PREPARED BY

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COMMONWEALTH OF MASSACHUSETTS
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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Operations Building Demolition Plans

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

AS SHOWN

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SHEET NO.

A-9.1

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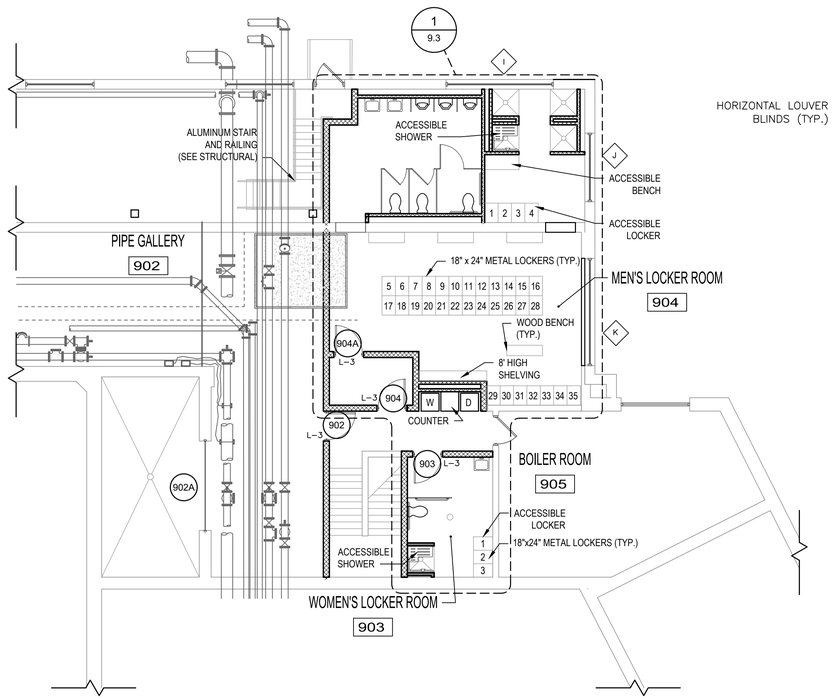
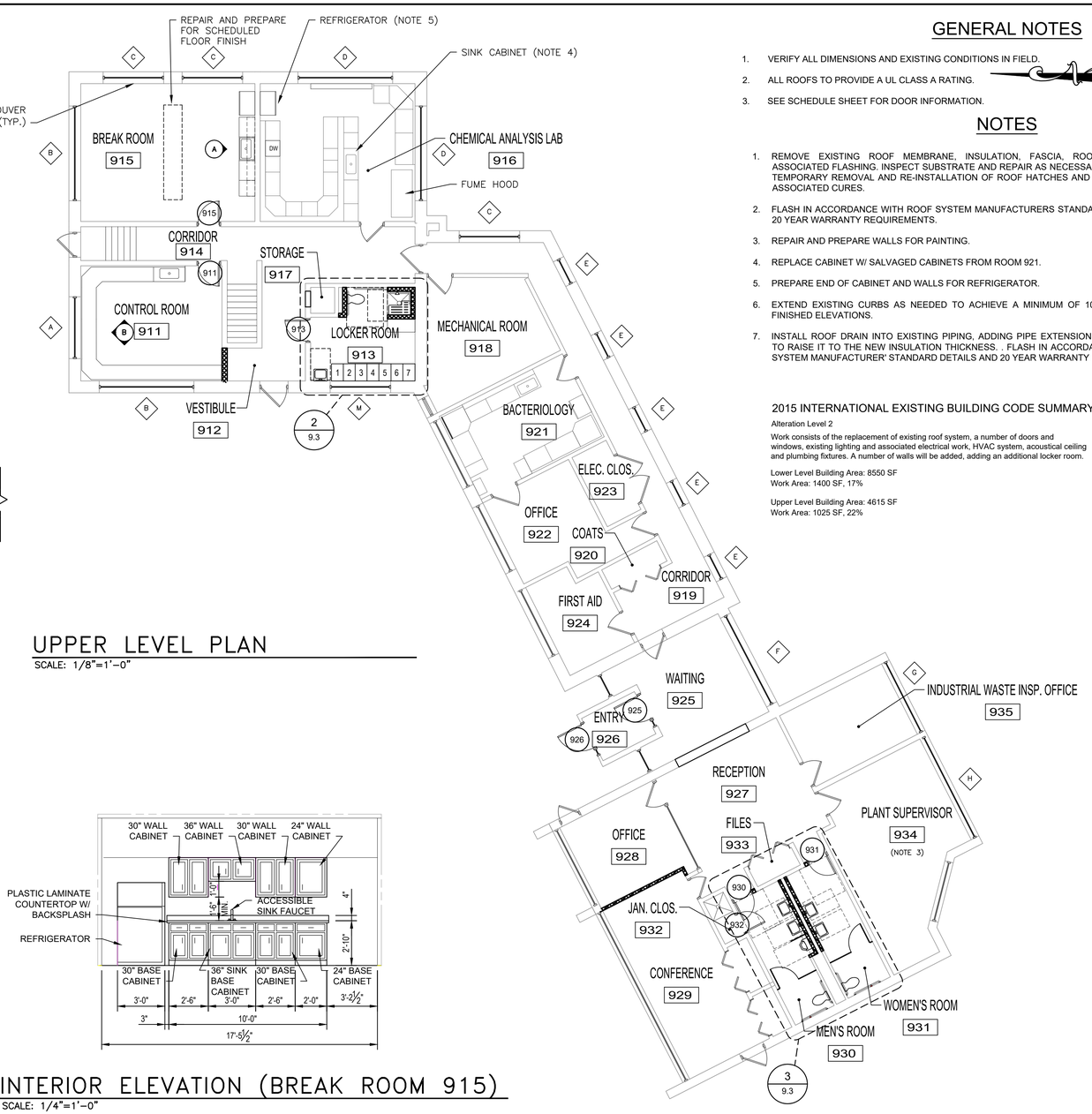


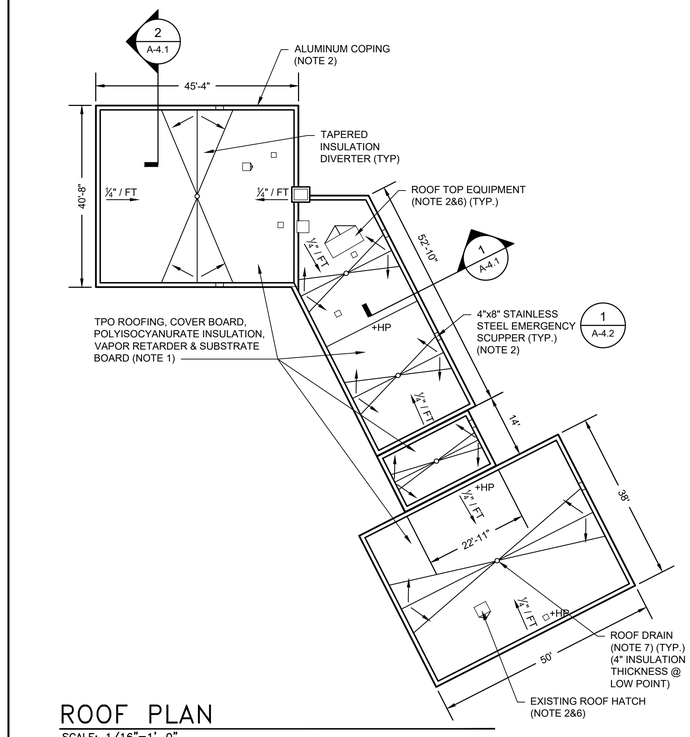
LOWER LEVEL PLAN

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



UPPER LEVEL PLAN

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

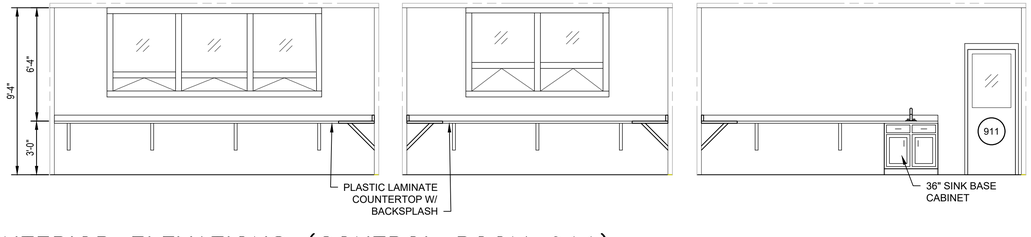


ROOF PLAN

SCALE: 1/16"=1'-0"

INTERIOR ELEVATION (BREAK ROOM 915)

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



INTERIOR ELEVATIONS (CONTROL ROOM 911)

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

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD.
2. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
3. SEE SCHEDULE SHEET FOR DOOR INFORMATION.

NOTES

1. REMOVE EXISTING ROOF MEMBRANE, INSULATION, FASCIA, ROOF DRAINS AND ASSOCIATED FLASHING. INSPECT SUBSTRATE AND REPAIR AS NECESSARY. COORDINATE TEMPORARY REMOVAL AND RE-INSTALLATION OF ROOF HATCHES AND EQUIPMENT AND ASSOCIATED CURES.
2. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.
3. REPAIR AND PREPARE WALLS FOR PAINTING.
4. REPLACE CABINET W/ SALVAGED CABINETS FROM ROOM 921.
5. PREPARE END OF CABINET AND WALLS FOR REFRIGERATOR.
6. EXTEND EXISTING CURBS AS NEEDED TO ACHIEVE A MINIMUM OF 10 INCHES ABOVE FINISHED ELEVATIONS.
7. INSTALL ROOF DRAIN INTO EXISTING PIPING, ADDING PIPE EXTENSIONS IF NECESSARY TO RAISE IT TO THE NEW INSULATION THICKNESS. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURER' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.

2015 INTERNATIONAL EXISTING BUILDING CODE SUMMARY

Alteration Level 2

Work consists of the replacement of existing roof system, a number of doors and windows, existing lighting and associated electrical work, HVAC system, acoustical ceiling and plumbing fixtures. A number of walls will be added, adding an additional locker room.

Lower Level Building Area: 8550 SF
Work Area: 1400 SF, 17%

Upper Level Building Area: 4615 SF
Work Area: 1025 SF, 22%

PREPARED BY

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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
STEVEN V. RUSTEN
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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Operations Building Plans

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

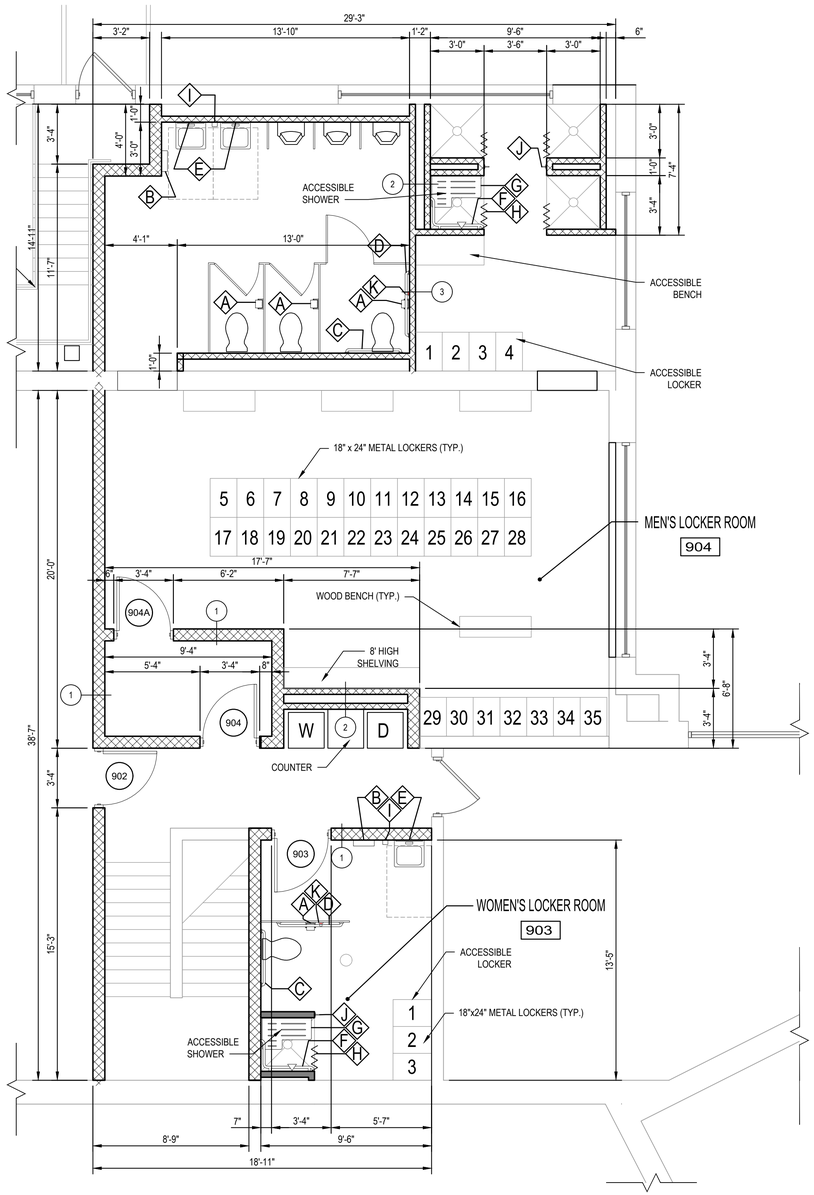
AS SHOWN

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

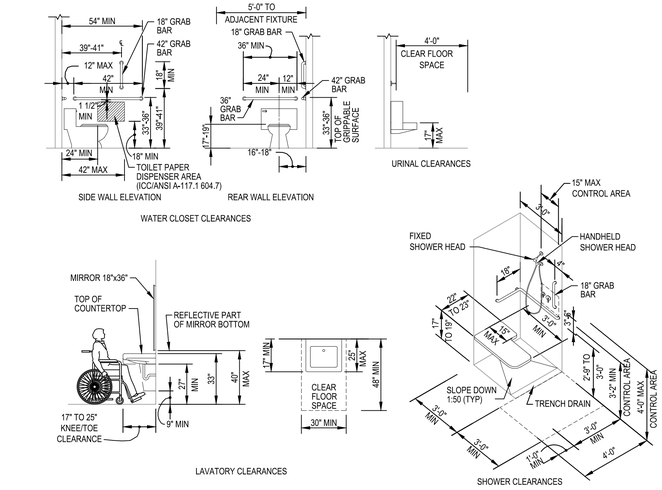
SHEET NO.

A-9.2

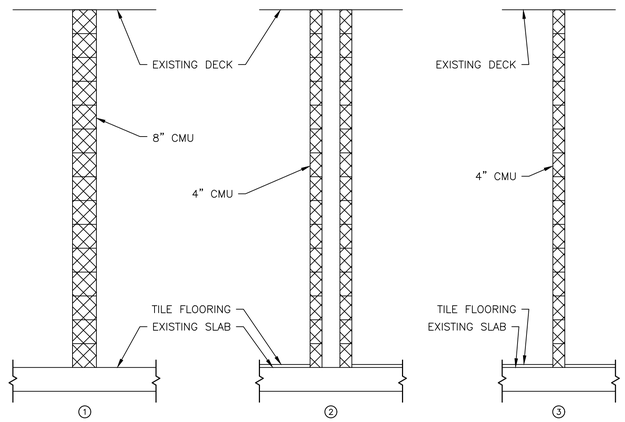
6/30/2021 4:46 PM N:\USH\YANNIS\PROJECTS\11\11186884 TAUNTON WWTF DESIGN SERVICES\CADD\DRAWINGS\ARCHITECTURAL\11186844-AMOD-A-9.2 BETA.DWG (BETA, STB BW, STB)



ENLARGED LOCKER ROOM PLAN
SCALE: 1/4"=1'-0"



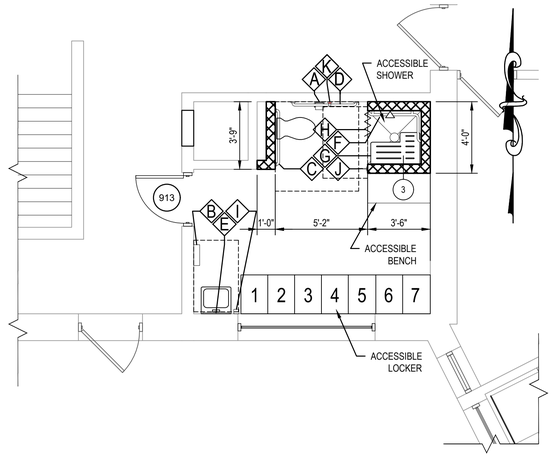
DETAILS
SCALE: 1/4"=1'-0"



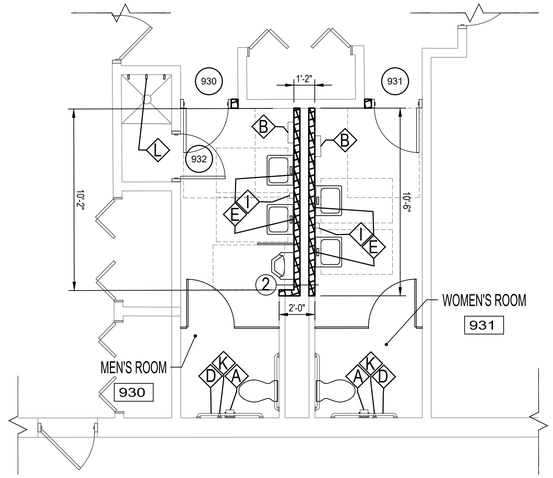
WALL TYPES
SCALE: 1/2"=1'-0"

ITEM NO.	DESCRIPTION	BOBRICK MODEL NUMBER	MOUNTING HEIGHT [MOUNT IN ACCORDANCE WITH ICC/ANSI A117.1 (2010)]
A	TOILET TISSUE HOLDER	B-2740	24" TO CENTER
B	COMBINATION TOWEL & WASTE RECEPTOR	B-3944	48" MAX. TO DISPENSER
C	36" GRAB BAR	B-6806	33"-36"
D	42" GRAB BAR	B-6806	33"-36"
E	MIRROR 24"x36"	B-165	40" TO BOTTOM OF REFLECTIVE SURFACE
F	L-SHAPED GRAB BAR	B-6861	33"-36"
G	FOLDING SEAT	B-5181	18"
H	SHOWER CURTAIN, ROD, CURTAIN HOOKS	B-6047, 204-2, 204-1	-
I	SOAP DISPENSER	B-2112	48" MAX TO DISPENSER
J	TOWEL PIN	B-677	46" - 48"
K	18" VERTICAL GRAB BAR	B-6806	39" - 41" TO BOTTOM
L	MOP AND BROOM HOLDER	B-223 X 24	-

TOILET ACCESSORY SCHEDULE
NO SCALE



ENLARGED LOCKER ROOM PLAN
SCALE: 1/4"=1'-0"



ENLARGED BATHROOM PLAN
SCALE: 1/4"=1'-0"

PREPARED BY

BETA
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REGISTERED PROFESSIONAL

COMMONWEALTH OF PENNSYLVANIA REGISTERED ARCHITECT STEVEN V RUSTEN No. RA012018 HARRISBURG PA
COMMONWEALTH OF MASSACHUSETTS

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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Operations Building Enlarged Plans

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

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SHEET NO.

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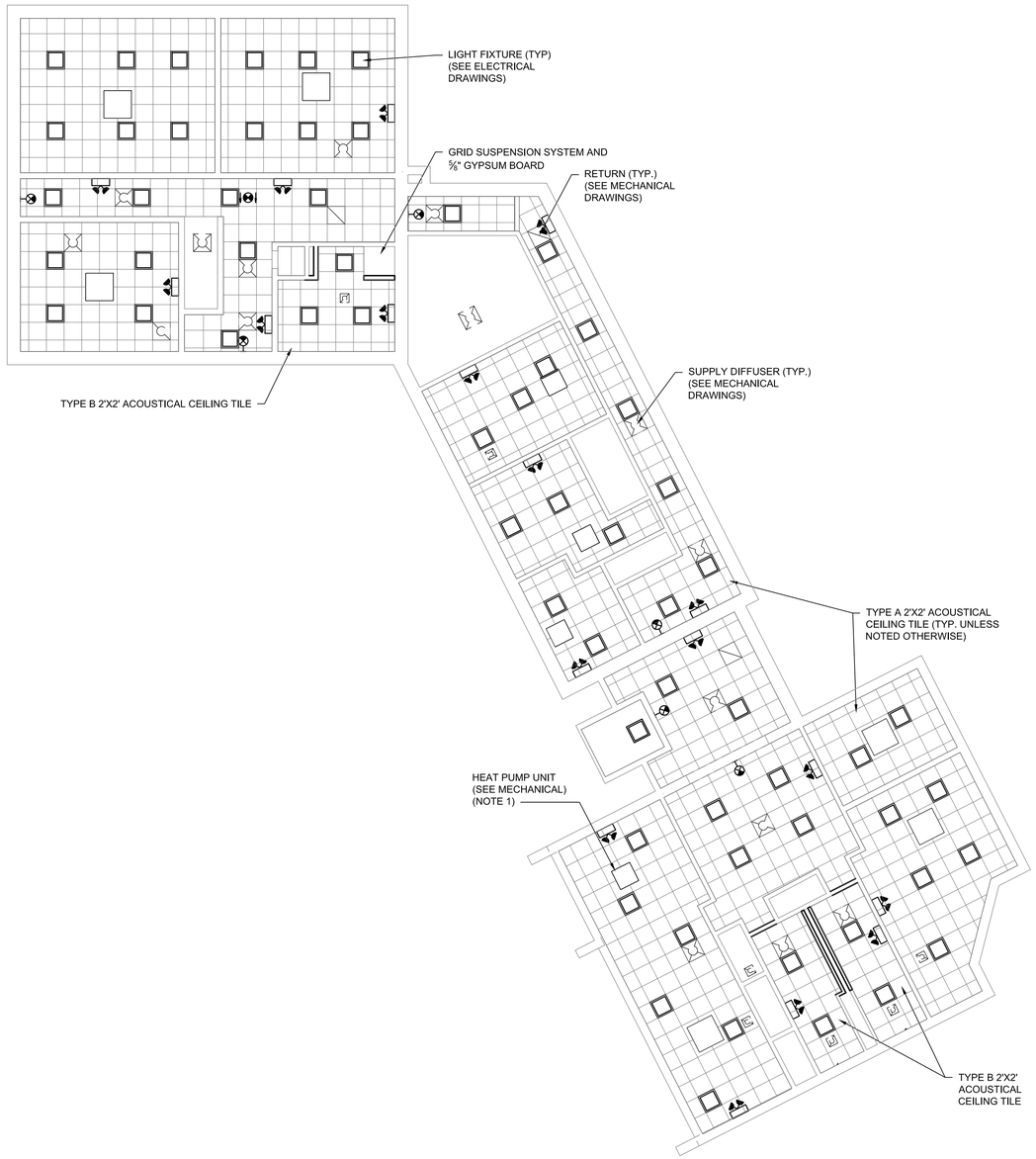
LOWER LEVEL REFLECTED CEILING PLAN

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



UPPER LEVEL REFLECTED CEILING PLAN

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

NOTES

1. COORDINATE CEILING GRID WITH HVAC.

6/30/2021 4:52 PM N:\US\HYANNIS\PROJECTS\11111186884 TAUNTON WWTF DESIGN SERVICES\CADD\DRAWINGS\ARCHITECTURAL\11186844-AMOD-A-9.4 BETA.DWG (BETA STB BW.STB)

PREPARED BY

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REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
ERIC V. RUSTEN
No. 952019
HARRISBURG
PA

SUBCONSULTANT

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GHD REF: 11186884

PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Operations Building
Reflected Ceiling Plans

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

4 0 4 8
SCALE IN FEET: 1"=4'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

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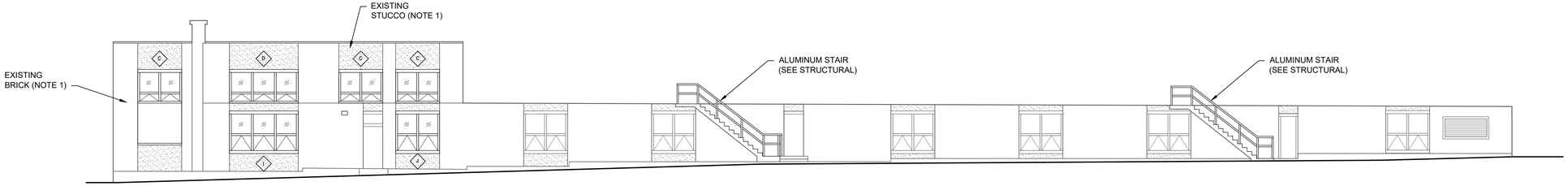
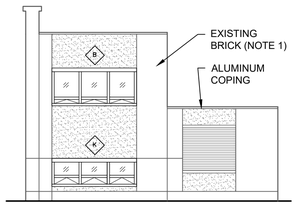
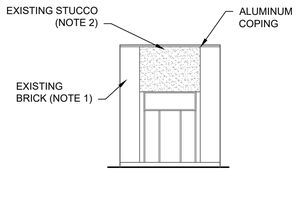


ELEVATION 1
SCALE: 3/32"=1'-0"

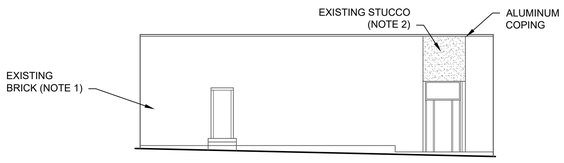


ELEVATION 2
SCALE: 3/32"=1'-0"

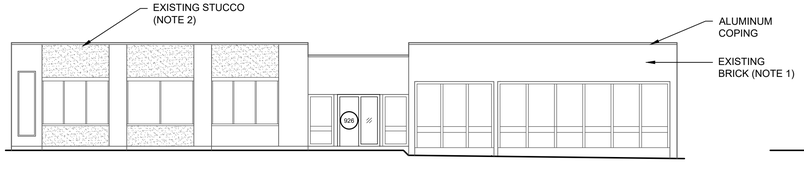
ELEVATION 3
SCALE: 3/32"=1'-0"



ELEVATION 4
SCALE: 3/32"=1'-0"



ELEVATION 5
SCALE: 3/32"=1'-0"



ELEVATION 6
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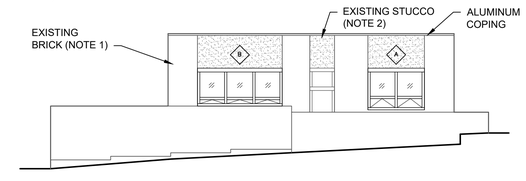
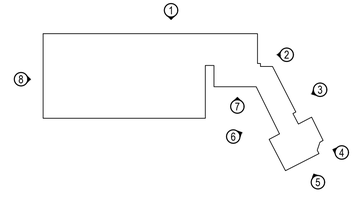


ELEVATION 7
SCALE: 3/32"=1'-0"



KEY PLAN
SCALE: NTS

ELEVATION 8
SCALE: 3/32"=1'-0"

NOTES

1. CLEAN EXISTING BRICK AND REPAIR AND REPOINT AS NECESSARY.
2. CLEAN EXISTING STUCCO AND REPAIR AS NECESSARY.

PREPARED BY

BETA
www.BETA-Inc.com

REGISTERED PROFESSIONAL

COMMONWEALTH OF MASSACHUSETTS
REGISTERED ARCHITECT
STEVEN V RUSTEN
No. 052019
HARRSBURG
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PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Operations Building Elevations

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

4 0 4 8
SCALE IN FEET: 1"=4'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-9.5

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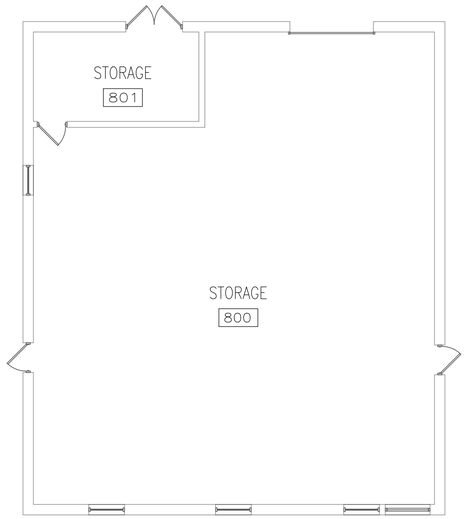
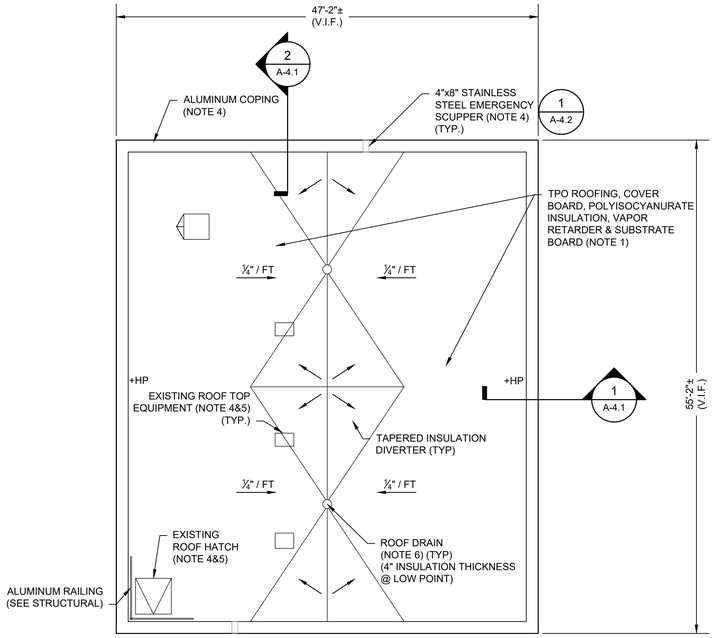


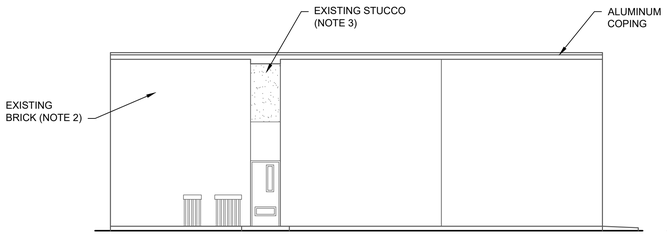
LOWER LEVEL PLAN

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

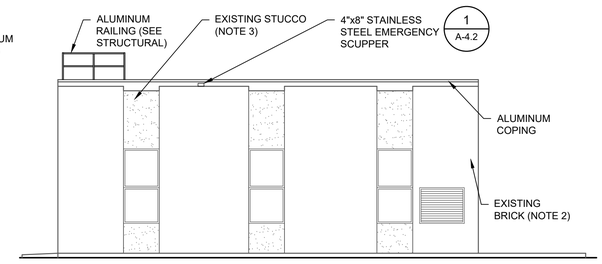


ROOF PLAN

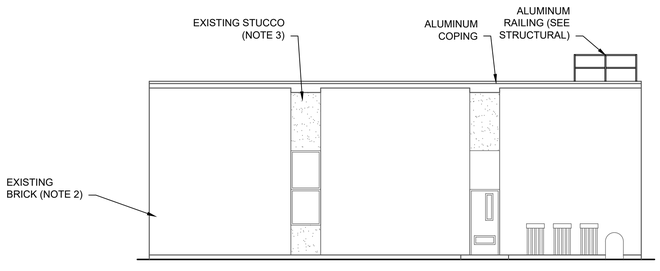
SCALE: 1/8"=1'-0"



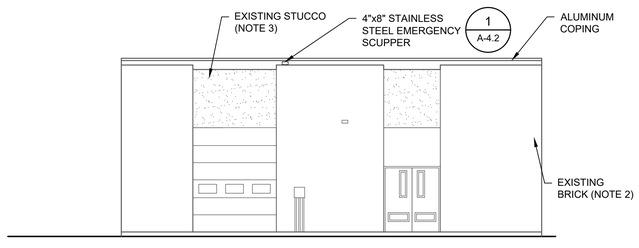
NORTH ELEVATION



EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION

ELEVATIONS

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

CODE ANALYSIS

2015 INTERNATIONAL EXISTING BUILDING CODE SUMMARY

Alteration Level 1

Work consists of the replacement of existing roof system, and repair and cleaning of existing brick and stucco.

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD.
2. ALL ROOFS TO PROVIDE A UL CLASS A RATING.
3. SEE SCHEDULE SHEET FOR DOOR INFORMATION.

NOTES

1. REMOVE EXISTING ROOF MEMBRANE, INSULATION, FASCIA, ROOF DRAINS AND ASSOCIATED FLASHING. INSPECT SUBSTRATE AND REPAIR AS NECESSARY. COORDINATE TEMPORARY REMOVAL AND RE-INSTALLATION OF ROOF HATCHES AND EQUIPMENT.
2. CLEAN EXISTING BRICK. REPAIR AND REPOINT AS NECESSARY.
3. CLEAN EXISTING STUCCO AND REPAIR AS NECESSARY
4. FLASH IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURERS' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.
5. EXTEND EXISTING CURBS AS NEEDED TO ACHIEVE A MINIMUM OF 10 INCHES ABOVE FINISHED ELEVATIONS.
6. INSTALL ROOF DRAIN INTO EXISTING PIPING, ADDING PIPE EXTENSIONS IF NECESSARY TO RAISE IT TO THE NEW INSULATION THICKNESS. FLASH IN ACCORDANCE WITH MANUFACTURERS' STANDARD DETAILS AND 20 YEAR WARRANTY REQUIREMENTS.

PREPARED BY

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PROJECT

Taunton Wastewater Treatment Facility Improvements Phase 1

Taunton, MA

TITLE

Storage Building
Plans and Elevations

NO.	REVISIONS	DATE

DRAWN BY:	K. HANLIN
DESIGNED BY:	K. HANLIN
CHECKED BY:	E. RUSTEN
ISSUE DATE:	7/2/2021
BETA JOB NO.:	6050

SCALE

4 0 4 8
SCALE IN FEET: 1"=4'

UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

A-9.6

6/30/2021 4:48 PM N:\USH\YANNIS\PROJECTS\11111186884 TAUNTON WWTF DESIGN SERVICES\CADD\DRAWINGS\ARCHITECTURAL\11186844-AMOD-A-9.6 BETA.DWG (BETA STB BW STB)