

TRUMAN WATERFRONT 1B

KEY WEST, FL 33040

CITY OF KEY WEST , TRUMAN WATERFRONT PHASE 1B - BUILDING 1287 & SITE

BUILDING 1287 REMODEL & SITE WORK
2018.10.23 - 90% CITY REVIEW SET

K2M DESIGN
1150 Virginia Street
Key West, Florida 33040
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URL: www.k2mdesign.com

ARCHITECT:

K2M DESIGN

Architecture, Engineering,
Interior Design,
Asset Management,
Specialty Consulting

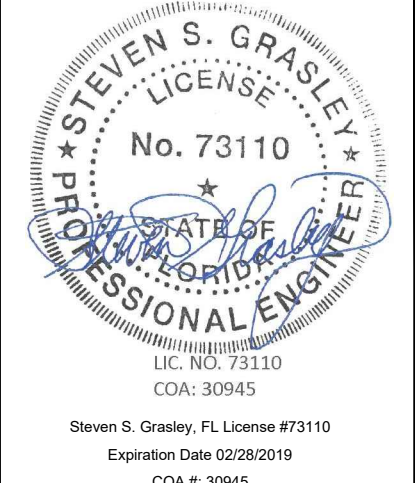
Key Largo, FL
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Marathon, FL

URL: www.k2mdesign.com
PROF. REG. AA26001059

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West | Marathon | Orlando | Baltimore | Bensenville

Seal:



Consultants:

STRUCTURAL ENGINEER:
Meridian Engineering LLC

CIVIL ENGINEER:
Perez Engineering &
Development

IRRIGATION:
Blue Island Lighting & Irrigation
Inc.

Submissions:

DATE: PHASE
2018.05.14 - SD Submittal Set
2018.06.15 - HARC Submittal Set
2018.09.18 - City Review Set
2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/23/2018 11:05 AM

Drawing Size
24x36

Project #:
18070

Drawn By:
EP

Checked By:
SCM

Title:
COVER SHEET

Sheet Number:
G0.0.1

Date: October 23, 2018

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BUILDING CODE:	2017 FLORIDA BUILDING CODE, 6TH EDITION
MECHANICAL CODE:	2017 FLORIDA MECHANICAL CODE
PLUMBING CODE:	2017 FLORIDA PLUMBING CODE
ELECTRICAL CODE:	2017 NATIONAL ELECTRIC CODE (NEC) NFPA
FUEL GAS CODE:	2017 FLORIDA FUEL GAS CODE
ENERGY CODE:	2017 FLORIDA ENERGY CONSERVATION CODE
ADA ACCESSIBILITY CODE:	2017 FLORIDA ACCESSIBILITY CODE
STANDARD LOAD DESIGN CRITERIA:	ASCE 7-10
LOCAL BUILDING REQUIREMENTS:	CITY OF KEY WEST CODES AND ORDINANCES
FEMA REQUIREMENTS:	FLOOD ZONE: AE; 7" NGVD 1929
CURRENT ZONING	SUBURBAN COMMERCIAL
MAX BUILDING HEIGHT	35' FROM COR/LAG

DEMO OF THE FOLLOWING AREAS:

- HORSE RUN 3,900 SF
- HORSE STABLES 1,467 SF
- PARTIAL BUILDING 4,903 SF
- PARKING AREA/PEDESTRIAN WALKS WITHIN SITE

SITE PLANNING AND DESIGN OF THE FOLLOWING AREAS:

- HORSE RUN 12,541 SF - 10,877 SF
- PROPOSED MULTI-USE FACILITY 8,109 SF
- HORSE STABLES 1,266 SF
- SOCCER FIELD 180'X330'
- DOG PARK 9,800 SF
- FRUIT TREE GROVE (BY OTHERS)
- OPEN GRASS AREA FOR ADDITIONAL PARKING
- PARKING 8 SPACES W/ 3 ADA SPACES
- COMPOST STORAGE SITE
- PEDESTRIAN SIDEWALKS

BUILDING DESIGN

- MECHANICAL, ELECTRICAL, PLUMBING AND STRUCTURAL
- CIVIL (BY OTHERS)
- IRRIGATION (BY OTHERS)
- LANDSCAPING (BY CITY)

ISSUED FOR:				
				2018.10.23 - 90% REVIEW SET
				2018.09.18 - CITY REVIEW SET
				2018.05.17 - HARC SUBMITTAL
				2018.05.14 - SD SUBMITTAL

GENERAL				
			●	G0.0.1 COVER SHEET
			●	G0.0.2 DRAWING INDEX, CODE INFO., SYMBOL LEG., ABBREV.
			●	G0.1.1 ADA ACCESSIBILITY GUIDELINES (ADAAG)
			●	G0.2.1 LIFE SAFETY PLAN

ARCHITECTURAL				
			●	AE1.1.1 EXISTING ARCHITECTURAL SITE PLAN
			●	AE2.1.0 EXISTING FIRST FLOOR PLAN
			●	AE3.1.1 EXISTING EXTERIOR ELEVATIONS
			●	AD1.1.1 DEMOLITION SITE PLAN
			●	AD2.1.0 DEMOLITION FLOOR PLANS
			●	A1.1.1 PROPOSED SITE PLAN
			●	A1.1.2 PROPOSED/EXISTING SITE PLAN
			●	A2.1.0 FIRST FLOOR PLAN
			●	A2.1.2 ROOF PLAN
			●	A2.2.1 REFLECTED CEILING PLAN / FINISH FLOOR PLAN
			●	A3.2.1 SECTIONS
			●	A3.1.1 EXTERIOR ELEVATIONS
			●	A4.1.1 WOMEN'S RESTROOM ENLARGED PLAN
			●	A4.1.2 MEN'S RESTROOM ENLARGED PLAN
			●	A4.1.3 BATHROOM ENLARGED PLAN
			●	A4.1.4 ENLARGED ELEVATIONS
			●	A6.1.1 FINISH, EQUIPMENT & DOOR HARDWARE SCHEDULE
			●	A6.2.1 DOOR SCHEDULE AND WINDOW SCHEDULE
			●	A8.1.1 EXTERIOR DETAILS
			●	A9.1.1 WALL TYPES AND INTERIOR DETAILS

STRUCTURAL				
			●	SD-1.0 DEMOLITION PLAN
			●	S-1.0 FOUNDATION PLAN
			●	S-2.0 STRUCTURAL PLAN
			●	S-3.0 ROOF FRAMING PLAN
			●	S-4.0 STRUCTURAL SECTIONS & DETAILS
			●	S-4.1 STRUCTURAL SECTIONS & DETAILS
			●	S-4.3 STRUCTURAL SECTIONS & DETAILS

1. The contract documents consist of this set of drawings, addenda, construction change directives, change orders, the contract between the owner and contractor, conditions of the contract and any other information written and mutually agreed upon between the owner and contractor.
2. These drawings are complementary and interrelated; work of any individual trade is not necessarily confined to specific documents, chapters, or locations.
3. It is the intent of the contract documents to be designed in accordance with all codes and ordinances in effect at the time the permit is issued. Notify architect immediately upon discovery of suspected deviation.
4. If discrepancies or inconsistencies in the documents are discovered, notify the architect immediately using a consistent "request for information" procedure.
5. Construction techniques, procedures, sequencing, and scheduling are solely the responsibility of the contractor.
6. **DO NOT SCALE DRAWINGS:** use dimensions only. All dimensions must be verified on the job and the architect must be notified of any discrepancies before proceeding with the work.
7. Coordinate locations and/or elevations of floor drains, registers, grilles, louvers, ducts, unit heaters, panels, etc. with the Mechanical, Plumbing, and Electrical Contractors and the architectural drawings.
8. Where a detail is shown for one condition, it shall apply to all like or similar conditions, even though not specifically marked on the drawings.
9. All abbreviations, materials and symbols in legends may or may not be used.
10. Follow the manufacturer's instruction specifications for preparation, implementation, and construction of all materials and systems.

STREET ADDRESS: 21 QUAY ROAD, KEY WEST
RE #: 00001630-001000
ZONING: HMC-2 (HISTORIC NEIGHBORHOOD COMMERCIAL - 2) & HPS-1 (HISTORIC PUBLIC & SEMI-PUBLIC SERVICES - 1)
LAND COVER - HABITAT 2009: DEVELOPED LAND
LAND USE: COMMERCIAL EXEMPT

LEGAL DESCRIPTION:
KW PARCEL OF AND LYING WLY OF TRUMAN ANNEX (24.95 AC) U-161-329
OR1839-410/479QC

DEVELOPMENT: TRUMAN WATERFRONT PHASE 1B

HARC DATA:

YEAR BUILT: 1964
NO SANBORN MAP DATA FOR THIS PROPERTY
NO HISTORIC IMAGE FILE FOR THIS PROPERTY

	WINDOW NUMBER	$\pm$	PLUS OR MINUS LAST INDICATED UNIT
→	WALL TYPES		CENTER LINE
	DOOR NUMBER	$\varnothing$	DIAMETER OR ROUND
	REVISION NUMBER	L	ANGLE
ROOM NAME S.F.	ROOM/SPACE NUMBER	[	CHANNEL
		=====	COLUMN LINE
		=====	EXTERIOR ELEVATION NO. DWG. REF. NO.
		=====	WALL SECTION NO. DWG. REF. NO.
		=====	DETAIL NO. DWG. REF. NO.
		=====	INTERIOR ELEVATION NO. DWG. REF. NO.

<u>PRIMARY POINT OF CONTACT:</u> K2M Design, Inc. Erica Poole, Project Contact 1150 Virginia Street Key West, Florida 33040 tel: 305.307.5840	<u>ENGINEER:</u> K2M Design, Inc. Steven S. Grasley 1150 Virginia Street Key West, Florida 33040 tel: 305.307.5840	<u>IRRIGATION DESIGNER:</u> Blue Island Lighting & Irrigation Inc. Rick DeKeyser 3255 Flagler Avenue #307 Key West, Florida 33040 tel: 305.293.8444
<u>CIVIL ENGINEER:</u> Perez Engineering & Development Allen Perez 1010 Kennedy Drive #201 Key West, Florida 33040 tel: 305.293.9440	<u>STRUCTURAL ENGINEER:</u> Meridian Engineering LLC Rick Milelli 201 Front Street Key West, Florida 33040 tel: 305.293.3263	

Diagram illustrating the structure of the drawing code **A2.1.1**:

- A**: DISCIPLINE
- 2**: SERIES NUMBER
- 1**: SUB-SERIES NUMBER
- 1**: NUMBER OF DRAWING WITH IN SUB-SERIES

J:\2018\18070 - City of Key West - Truman Waterfront 1814-CD\Drawings_General\0211_ADAAG.dwg, 10/23/2018 9:18 AM, issued: 1'-0" = 1'-0", byron busy

						GENERAL NOTES: 1. THESE DETAILS GOVERN IN THE EVENT OF ANY DISCREPANCIES ELSEWHERE IN THE DRAWINGS. 2. INCLUDED DETAILS MAY OR MAY NOT BE USED ON THIS PROJECT. 3. DIMENSIONS THAT ARE NOT MARKED MAXIMUM (MAX.) OR MINIMUM (MIN.) ARE ABSOLUTE, UNLESS OTHERWISE NOTED IN FOOT NOTES. 4. DRAWINGS ARE NOT TO BE SCALED.											
NOT USED		SCALE: ---	5	NOT USED		SCALE: ---	4	NOT USED		SCALE: ---	3	GENERAL NOTES		SCALE: N.T.S.	2		
SECTION 304 TURNING SPACE TURNING SPACE		SECTION 305 CLEAR FLOOR AREA		SECTION 308 REACH RANGES FORWARD REACH RANGES		SECTION 308 REACH RANGES SIDE REACH RANGES		SECTION 303 CHANGES IN LEVEL CHANGES IN LEVEL		SECTION 505 HANDRAILS HANDRAILS AT RAMPS		SECTION 504 STAIRWAYS TREADS, RISERS AND NOSINGS					
SECTION 505 HANDRAILS HANDRAILS AT STAIRS		SECTION 407 ELEVATORS ELEVATOR ENTRANCE HEIGHTS		SECTION 407 ELEVATORS ELEVATOR FLOOR PLAN		SECTION 404 DOOR, DOORWAYS, AND GATES MANEUVERING CLEARANCE AT DOORS		SECTION 404 DOOR, DOORWAYS, AND GATES MANEUVERING CLEARANCE AT DOORS		SECTION 404 DOOR, DOORWAYS, AND GATES MANEUVERING CLEARANCE AT DOORS		SECTION 404 DOOR, DOORWAYS, AND GATES MANEUVERING CLEARANCE AT DOORS					
SECTION 404 DOORS, DOORWAYS, AND GATES TWO DOORS IN SERIES		SECTION 404 DOORS, DOORWAYS, AND GATES TWO DOORS IN SERIES		SECTION 404 DOORS, DOORWAYS, AND GATES TWO DOORS IN SERIES		SECTION 604 WATER CLOSETS AND TOILET COMPARTMENTS WATER CLOSET AND GRAB BAR MOUNTING HEIGHTS		SECTION 605 URINALS URINAL MOUNTING HEIGHT		SECTION 606 LAVATORIES LAVATORY MOUNTING HEIGHT		SECTION 603.3 FIGURE 31 MIRROR MOUNTING HEIGHT					
SECTION 607 BATHTUBS CLEAR FLOOR AREA FOR TUB		SECTION 607 BATHTUBS CLEAR FLOOR AREA FOR TUB		SECTION 607 BATHTUBS CLEAR FLOOR AREA FOR TUB		SECTION 607 BATHTUBS GRAB BARS FOR TUB		SECTION 607 BATHTUBS GRAB BARS FOR TUB		SECTION 607 BATHTUBS GRAB BARS FOR TUB		SECTION 607 BATHTUBS GRAB BARS FOR TUB					
SECTION 608 SHOWER COMPARTMENTS GRAB BARS FOR SHOWER STALL		SECTION 608 SHOWER COMPARTMENTS GRAB BARS FOR SHOWER STALL		SECTION 608 SHOWER COMPARTMENTS GRAB BARS FOR SHOWER STALL		SECTION 608 SHOWER COMPARTMENTS GRAB BARS FOR SHOWER STALL		SECTION 608 SHOWER COMPARTMENTS GRAB BARS FOR SHOWER STALL		SECTION 608 SHOWER COMPARTMENTS GRAB BARS FOR SHOWER STALL		SECTION 608 SHOWER COMPARTMENTS GRAB BARS FOR SHOWER STALL					
SECTION 602 DRINKING FOUNTAINS ACCESSIBLE DRINKING FOUNTAINS		SECTION 602 DRINKING FOUNTAINS ACCESSIBLE DRINKING FOUNTAINS		SECTION 602 DRINKING FOUNTAINS ACCESSIBLE DRINKING FOUNTAINS		SECTION 602 DRINKING FOUNTAINS ACCESSIBLE DRINKING FOUNTAINS		SECTION 602 DRINKING FOUNTAINS ACCESSIBLE DRINKING FOUNTAINS		SECTION 602 DRINKING FOUNTAINS ACCESSIBLE DRINKING FOUNTAINS		SECTION 602 DRINKING FOUNTAINS ACCESSIBLE DRINKING FOUNTAINS					

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Seal:

STEVEN S. GRASLEY
LICENSE
No. 73110
FLORIDA
PROFESSIONAL ENGINEER

Steven S. Grasley, FL License #73110
Expiration Date 02/28/2019
COA #: 30945

Consultants:

STRUCTURAL ENGINEER
Meridian Engineering LLC

CIVIL ENGINEER
Perez Engineering &
Development

IRRIGATION:
Blue Island Lighting & Irrigation
Inc.

Submissions:

DATE PHASE

2018.05.14 - SD Submittal Set

2018.05.15 - HARC Submittal Set

2018.09.18 - City Review Set

2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL 33040

PLOTTED: 10/23/2018 9:18 AM

Drawing Size | Project #:
24x36 | 18070

Drawn By: | Checked By:
xxx | xxx

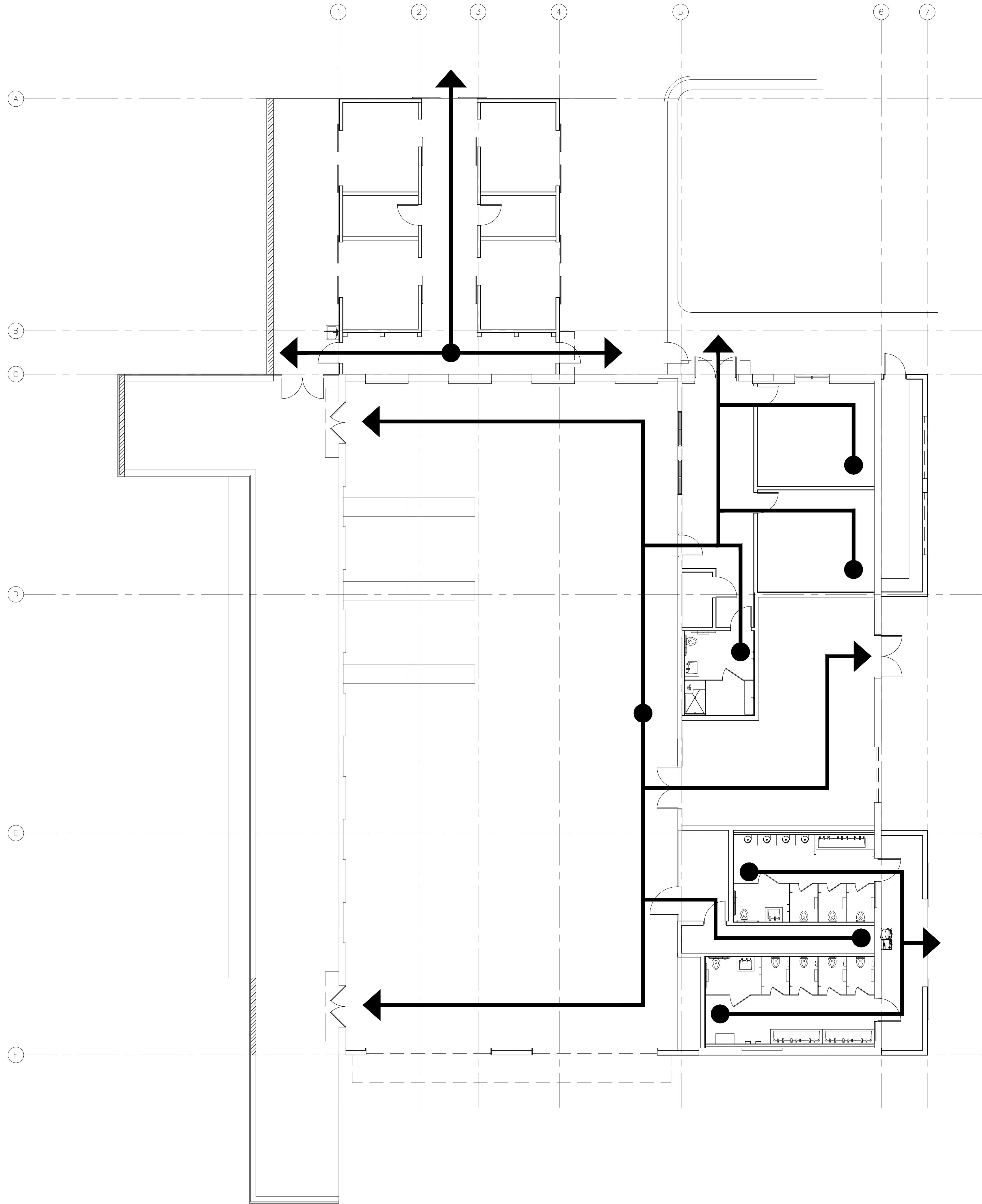
Title:
ACCESSIBILITY
GUIDELINES
ADAAG

Sheet Number:

G0.1.1

Date: October 23, 2018

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GENERAL NOTES

1. FIRE EXTINGUISHER LOCATIONS TBD BY FIRE MARSHAL OR AHJ
2. FIRE SUPPRESSION SYSTEM BY OTHERS (IF REQUIRED)

ARCHITECT:

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WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/23/2018 9:18 AM

Drawing Size 24x36	Project # 18070
Drawn By: NC	Checked By: AA

Title:
LIFE SAFETY PLAN

Sheet Number:
G0.2.1

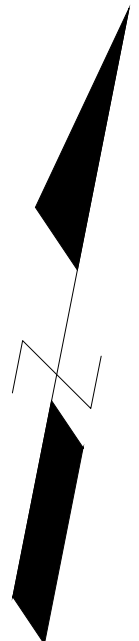
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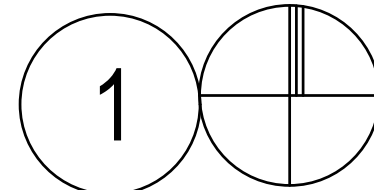
LIFE SAFETY PLAN

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

0 8 16 24
GRAPHIC SCALE: 1/8" = 1'-0"

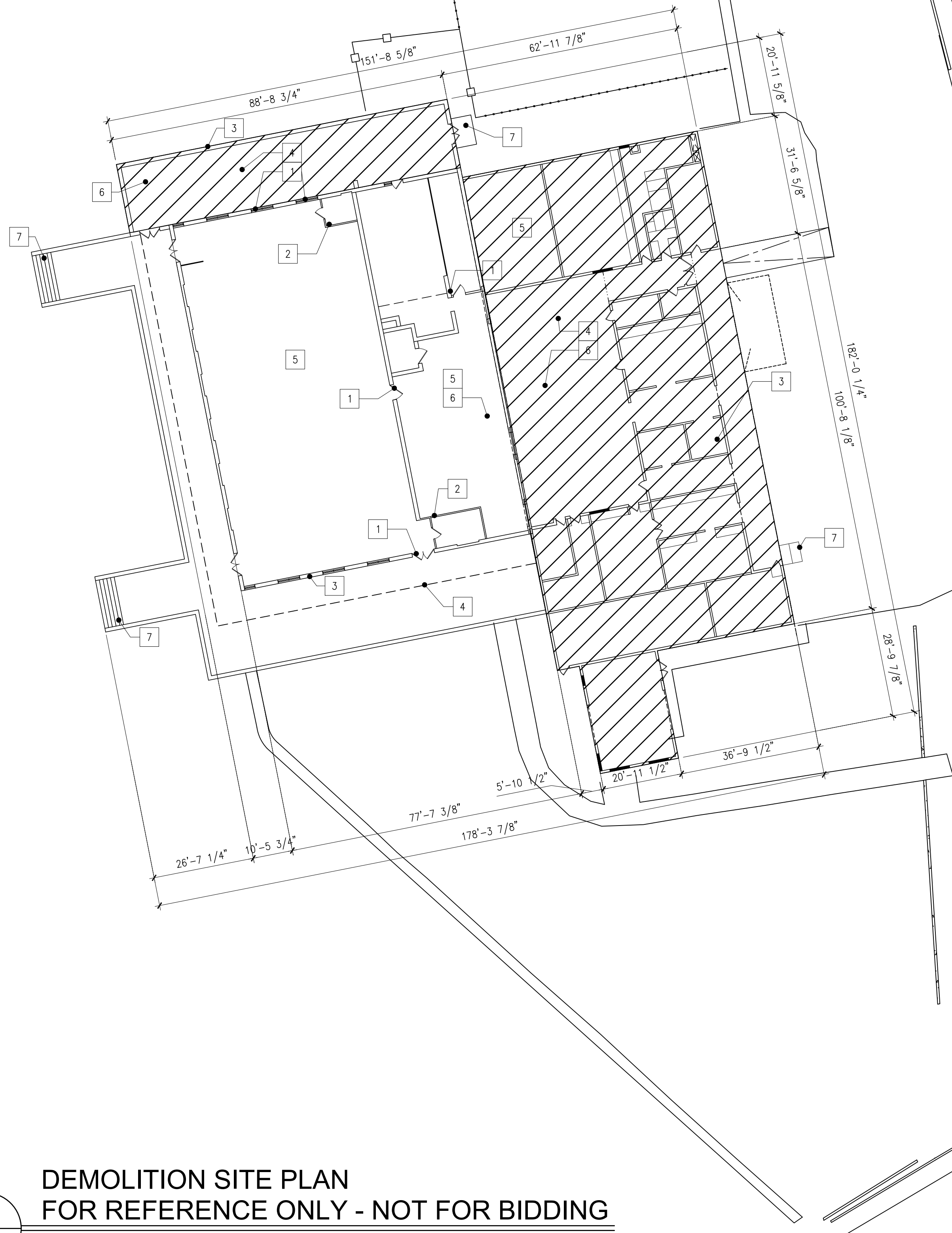


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DEMOLITION SITE PLAN
FOR REFERENCE ONLY - NOT FOR BIDDING

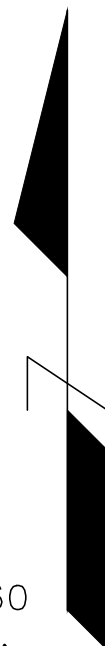
SCALE: 1" = 20'-0"



DEMO CODED NOTES ☐

- 1 DEMO EXISTING DOORS AND WINDOWS
- 2 DEMO EXISTING INTERIOR WALL
- 3 DEMO EXISTING EXTERIOR WALL
- 4 DEMO EXISTING ROOF
- 5 DEMO EXISTING CABINETRY, COUNTERTOPS, AND APPLIANCES
- 6 DEMO EXISTING CONCRETE SLAB
- 7 REMOVE EXISTING SIDE CURB, PATHWAYS , STEPS & PAVEMENT

0 20 40 60
GRAPHIC SCALE: 1" = 20'-0"



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Drawing Size 24x36	Project #: 18070
Drawn By: RV	Checked By: AA

Title:

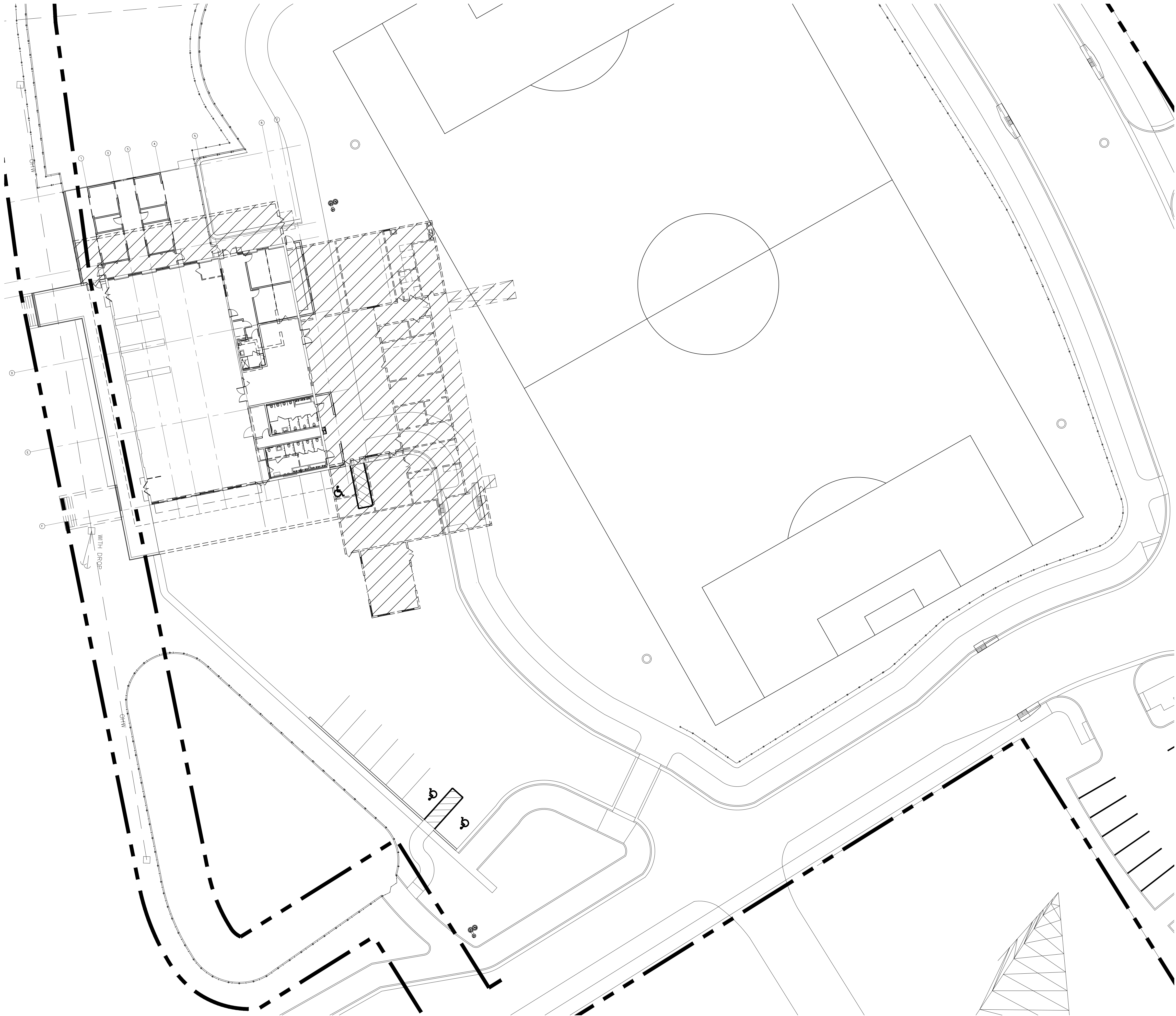
DEMOLITION
SITE PLAN

Sheet Number:

AD1.1.1

Date: October 23, 2018
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GENERAL NOTES

1. FOR GENERAL REFERENCE ONLY - NOT FOR DEMO REFERENCE. SEE AD-SHEETS FOR DEMO INFORMATION

CODED NOTES

1 x

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Drawing Size | Project #
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Drawn By: | Checked By:
RV | AA

Title:

PROPOSED/
EXISTING
SITE PLAN

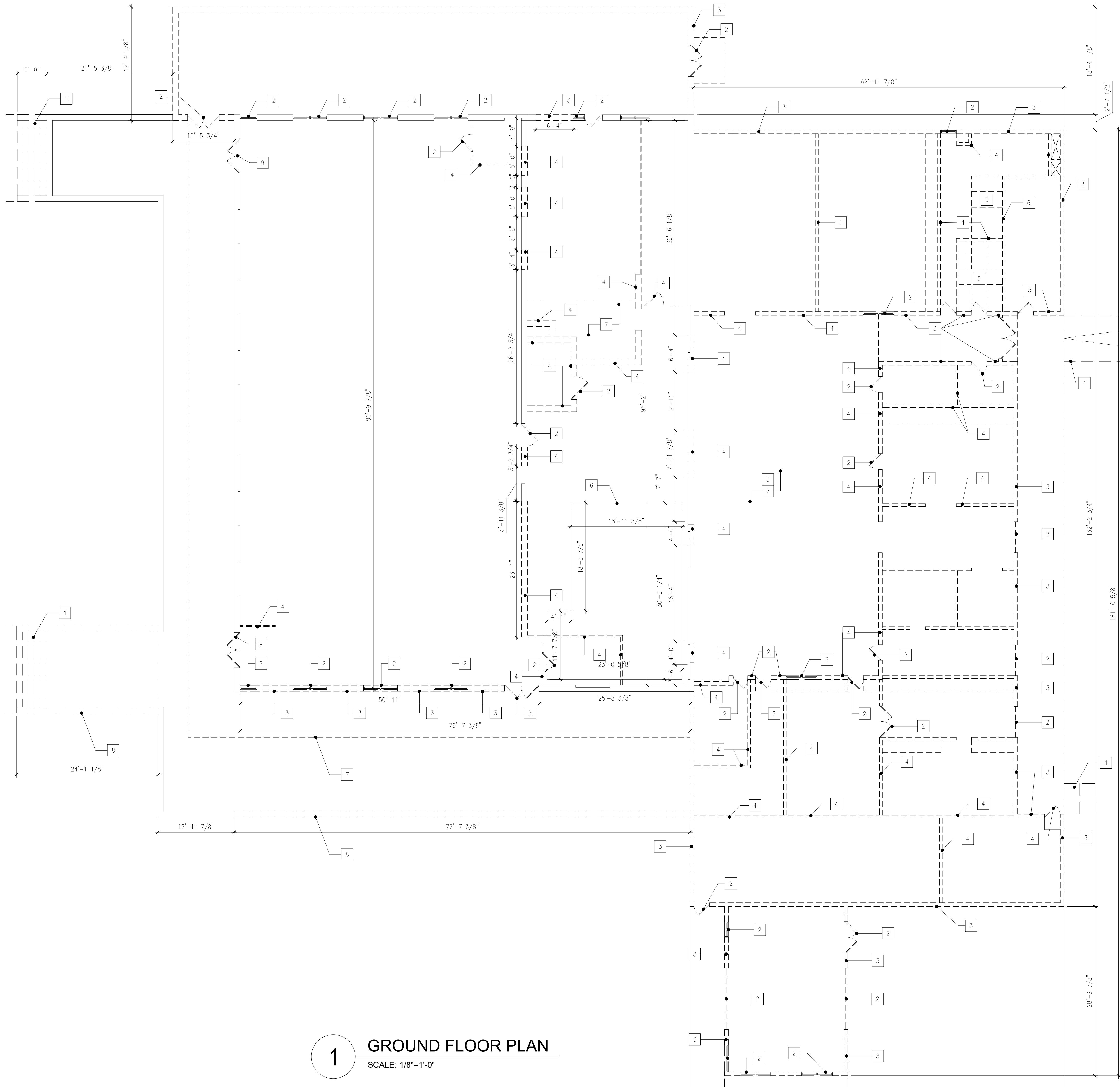
Sheet Number:

A1.1.2

Date: October 23, 2018

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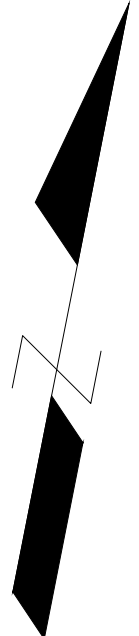
1 GROUND FLOOR PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. DEBRIS TO BE REMOVED BY CONTRACTOR.
2. DEMO TO BE COMPLETE IN LOCATIONS NOTED - FOUNDATION TO ROOF, ASSOCIATED UTILITIES.
3. NOTIFY ARCHITECT/ENGINEER OF ALL UNFORSEEN CONDITIONS.
4. ALL EXISTING TO REMAIN TO BE PRESERVED. DO NOT DAMAGE EXISTING STRUCTURE TO REMAIN.
5. ALL FILL TO BE PRESERVED ON SITE FOR FUTURE USE.
6. SALVAGE ALL EXISTING HVAC/PLUMBING EQUIPMENT FOR REVIEW BY CITY. CITY TO REPURPOSE AS NEEDED AT OTHER SITES.
7. SEE SD-1.0 FOR STRUCTURAL DEMO

CODED NOTES

- | 1 | DEMO EXISTING STAIRS / RAMP |
|---|---|
| 2 | DEMO EXISTING WINDOW/DOORS(ALL) |
| 3 | DEMO PORTION OF EXTERIOR WALL |
| 4 | DEMO INTERIOR WALL AS SHOWN |
| 5 | DEMO EXISTING BATHROOM+KITCHEN CABINETS,COUNTERTOPS,FIXTURES,AND APPLIANCES |
| 6 | DEMO SLAB AND PREPARE SURFACE FOR NEW |
| 7 | DEMO ROOF |
| 8 | DEMO SLAB |
| 9 | DEMO DOOR AND REPLACING THEM WITH IMPACT RATED |



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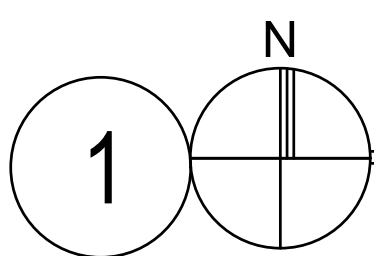
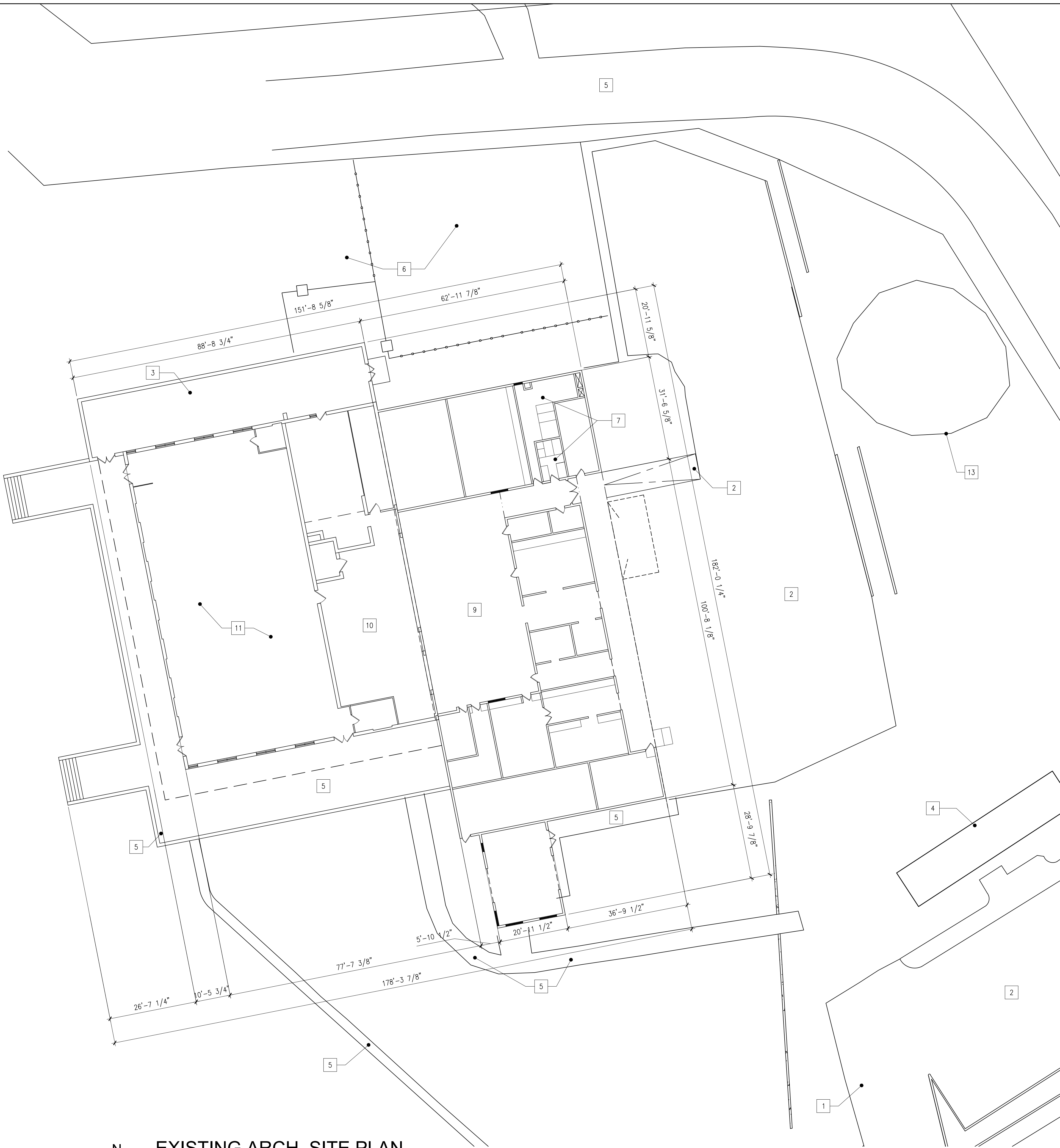
Drawing Size 24x36	Project # 18070
Drawn By: NC	Checked By: AA

Title:
DEMOLITION
GROUND FLOOR PLAN

Sheet Number:
AD2.1.0

Date: October 23, 2018
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**EXISTING ARCH SITE PLAN
FOR REFERENCE ONLY - NOT FOR BIDDING**
SCALE: 1/16" = 20'-0"

EXISTING BUILDING DESCRIPTION:

SQUARE FOOTAGES:
PUBLIC WORKS/PAL GYM - 13,012 SF
HORSE STABLES-1,467 SF
HORSE RUN-3,900 SF
BUILDING INFORMATION:
CMU WALLS-EXTERIOR
WOOD FRAME WALLS-INTERIOR
PRECAST DOUBLE TEE ROOF,LOW SLOPE
(MEMBRANE)
STUCCO FINISH EXTERIOR
PAINTED FINISH INTERIOR
PRECAST DOUBLE TEE ROOF
CONCRETE SLAB FLOOR-EPOXIED

CODED NOTES

- 1 EXISTING DRIVEWAY
- 2 EXISTING PARKING LOT AREA
- 3 EXISTING HORSE STABLES
- 4 EXISTING CONSTRUCTION TRAILER
- 5 EXISTING WALKWAYS
- 6 EXISTING HORSE RUN
- 7 EXISTING BATHROOM
- 8 EXISTING RAMP
- 9 EXISTING PUBLIC WORKS STORAGE
- 10 EXISTING PAL WEIGHT GYM
- 11 EXISTING PAL BOXING GYM/MAT ROOM
- 12 EXISTING PERIMETER WALKWAY
- 13 EXISTING CORRAL
- 14 EXISTING OFFICE
- 15 EXISTING MESS HALL KITCHEN (DECOMMISSIONED, STORAGE)

NOTE: EXISTING DIMENSIONS OF BUILDING TO BE DEMOISHED TO BE VERIFIED IN FIELD WHERE REQUIRED.

ARCHITECT:

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Key West, FL
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Expiration Date 02/28/2019
COA #: 30945

Consultants:

STRUCTURAL ENGINEER:
Meridian Engineering LLC

CIVIL ENGINEER:

Perez Engineering &
Development

IRRIGATION:

Blue Island Lighting & Irrigation
Inc.

Submissions:

DATE PHASE

2018.05.14 - SD Submittal Set

2018.05.15 - HARC Submittal Set

2018.09.18 - City Review Set

2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST
1300 White Street, Key West, FL 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size
24x36

Project #:
18070

Drawn By:
RV

Checked By:
AA

Title:

**EXISTING
ARCHITECTURAL
SITE PLAN**

Sheet Number:

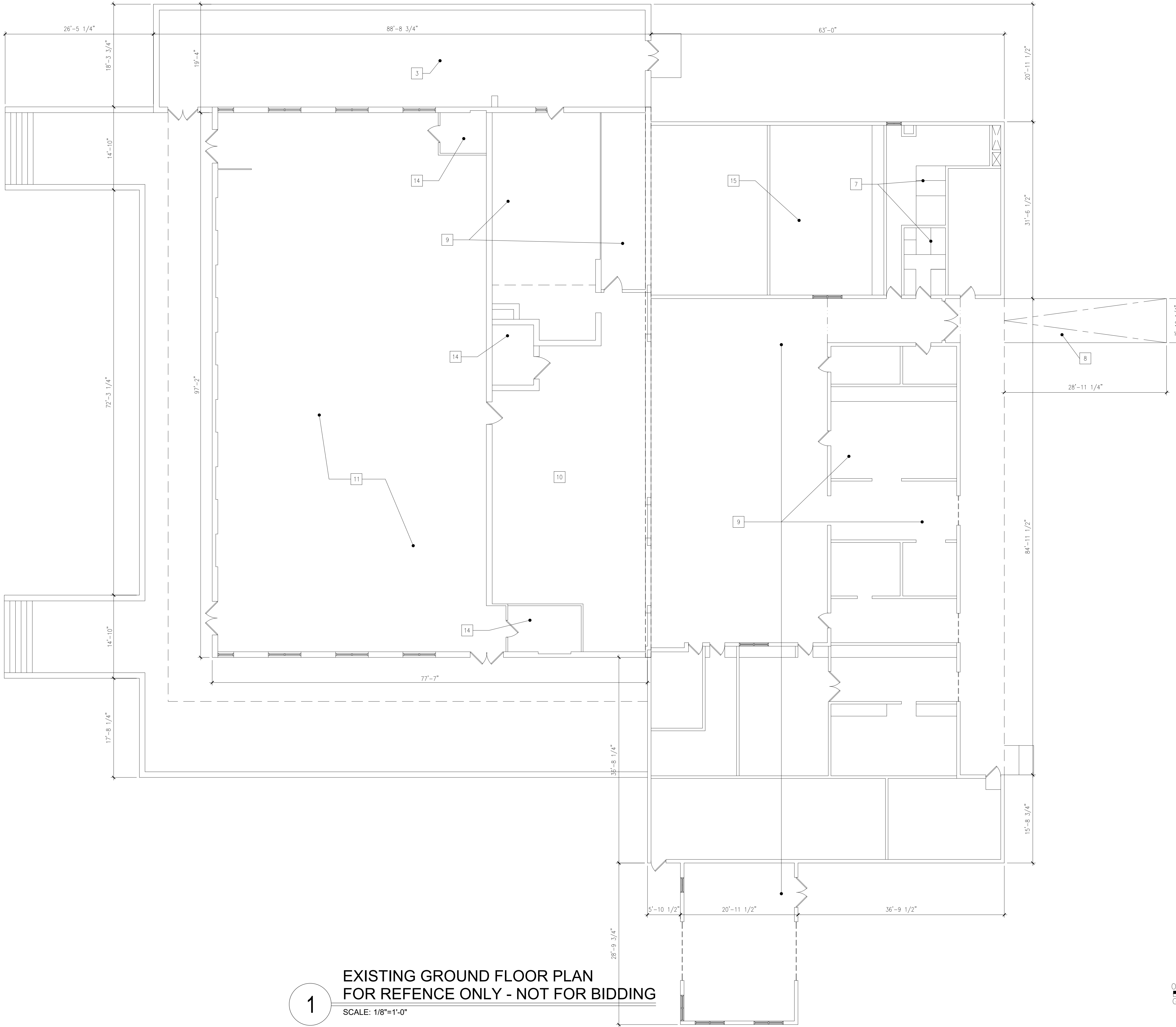
AE1.1.1

Date: October 23, 2018

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0 16 32 48
GRAPHIC SCALE: 1/16" = 1'-0"

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1 EXISTING GROUND FLOOR PLAN
FOR REFERENCE ONLY - NOT FOR BIDDING
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. EXISTING USES NOT ALL UTILIZED.
2. KITCHEN EQUIPMENT NO LONGER CONNECTED OR FUNCTIONAL.
3. EXISTING AIR CONDITIONING SYSTEM FOR PUBLIC WORKS NON FUNCTIONAL.
4. NEW UNITS ON PAL GYM SIDE TO BE SALVAGED.

CODED NOTES

- | | |
|----|--|
| 1 | EXISTING DRIVEWAY |
| 2 | EXISTING PARKING LOT AREA |
| 3 | EXISTING HORSE STABLES |
| 4 | EXISTING CONSTRUCTION TRAILER |
| 5 | EXISTING WALKWAYS |
| 6 | EXISTING HORSE RUN |
| 7 | EXISTING BATHROOM |
| 8 | EXISTING RAMP |
| 9 | EXISTING PUBLIC WORKS STORAGE |
| 10 | EXISTING PAL WEIGHT GYM |
| 11 | EXISTING PAL BOXING GYM/MAT ROOM |
| 12 | EXISTING PERIMETER WALKWAY |
| 13 | NOT USED |
| 14 | EXISTING OFFICE |
| 15 | EXISTING MESS HALL KITCHEN (DECOMMISSIONED, STORAGE) |

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LIC. NO. 73110
COA: 30945

Steven S. Grasley, FL License #73110
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CIVIL ENGINEER:
Perez Engineering &
Development

IRRIGATION:
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Inc.

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DATE/PHASE

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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size 24x36	Project # 18070
Drawn By: NC	Checked By: AA

Title:

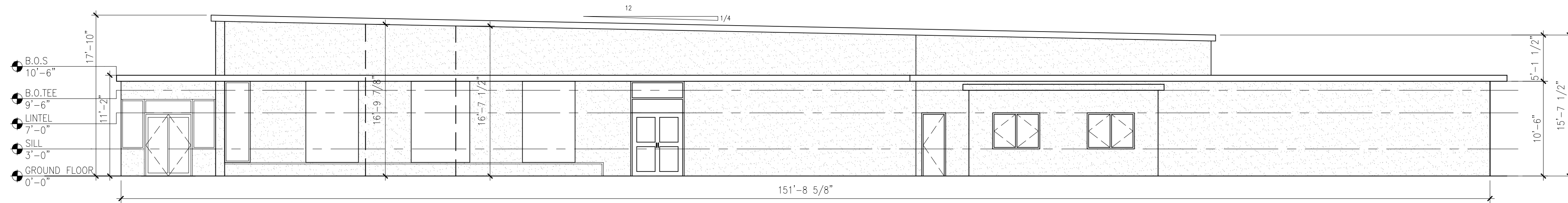
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GROUND FLOOR PLAN

Sheet Number:

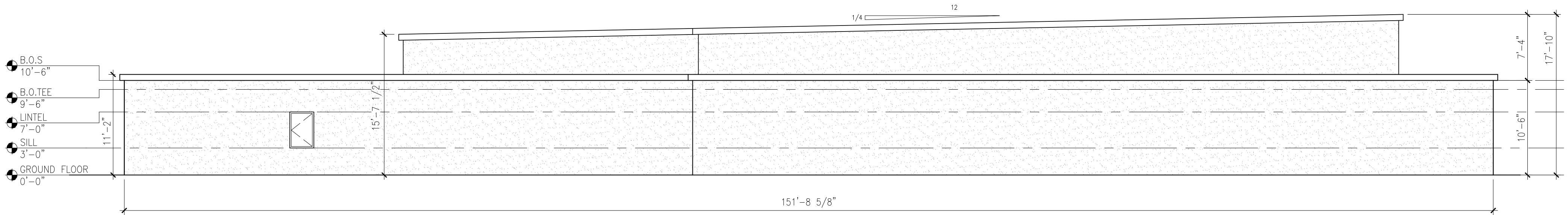
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Date: October 23, 2018
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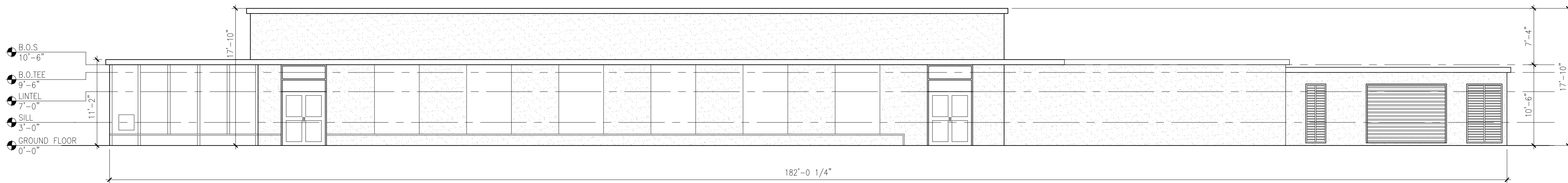
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FOR REFERENCE ONLY - NOT FOR BIDDING



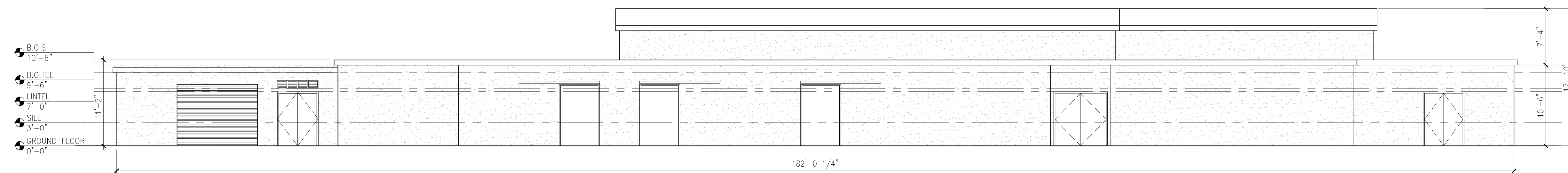
4 SOUTH ELEVATION
SCALE: 1/8"=1'-0"



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

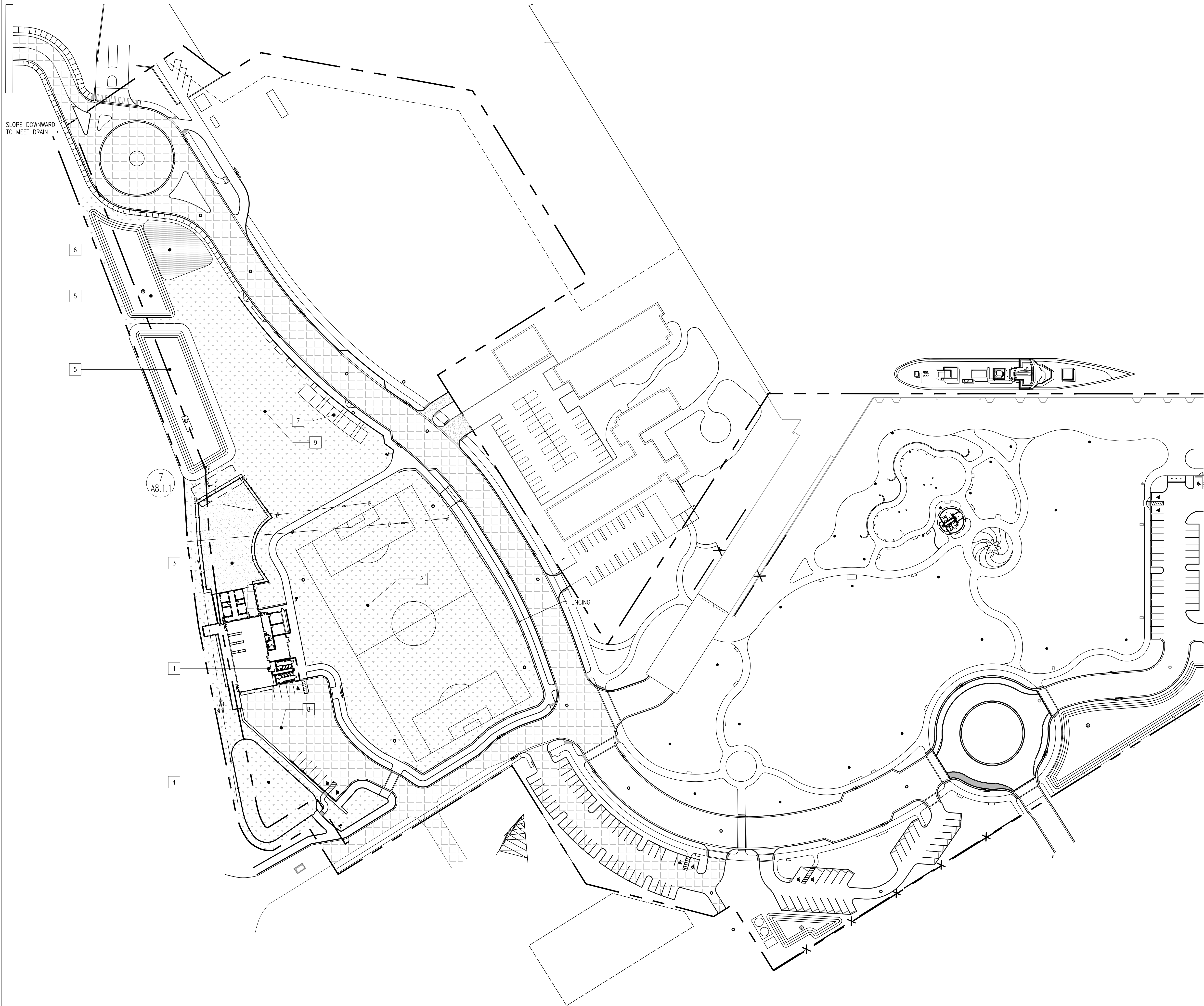


2 WEST ELEVATION
SCALE: 1/8"=1'-0"



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

\\2018\18070 - City of Key West - Truman Waterfront 1B\CD\Drawings\Key\A1.1.dwg, 10/17/2018 9:36 AM, scale: 1"=0", layer: study



GENERAL NOTES

1. NEW FENCING AND SITE LIGHT POLES THROUGHOUT TO MATCH EXISTING ALREADY PRESENT AT THE TRUMAN WATERFRONT PARK DEVELOPMENT.
2. HORSE STABLE FENCING TO BE TWO-FOLD
-EXTERIOR FENCELINE MATCHING EXISTING
-OFFSET 2' INWARDS TO BE BARN FENCING FOR HORSE SEPARATION FROM PUBLIC CONTACT

CODED NOTES

- | | |
|---|--|
| 1 | PUBLIC WORKS BUILDING W/ BATHROOMS, CONCESSIONS STAND, HORSE STABLES |
| 2 | SOCCER FIELD |
| 3 | HORSE RUN |
| 4 | DOG PARK |
| 5 | EXISTING RETENTION POND |
| 6 | FRUIT TREE GROVE |
| 7 | EXISTING PARKING TO REMAIN |
| 8 | NEW PARKING LOT/STAGING AREA |
| 9 | NEW GRASS FIELD |

ARCHITECT:

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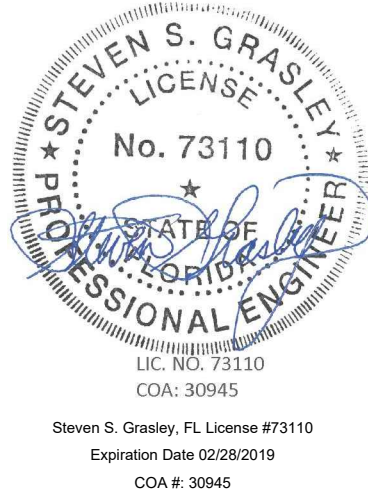
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CIVIL ENGINEER:
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IRRIGATION:
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2018.05.14 - SD Submittal Set
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2018.05.18 - City Review Set
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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size | Project #
24x36 | 18070

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BK | AA

Title:
PROPOSED
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SITE PLAN

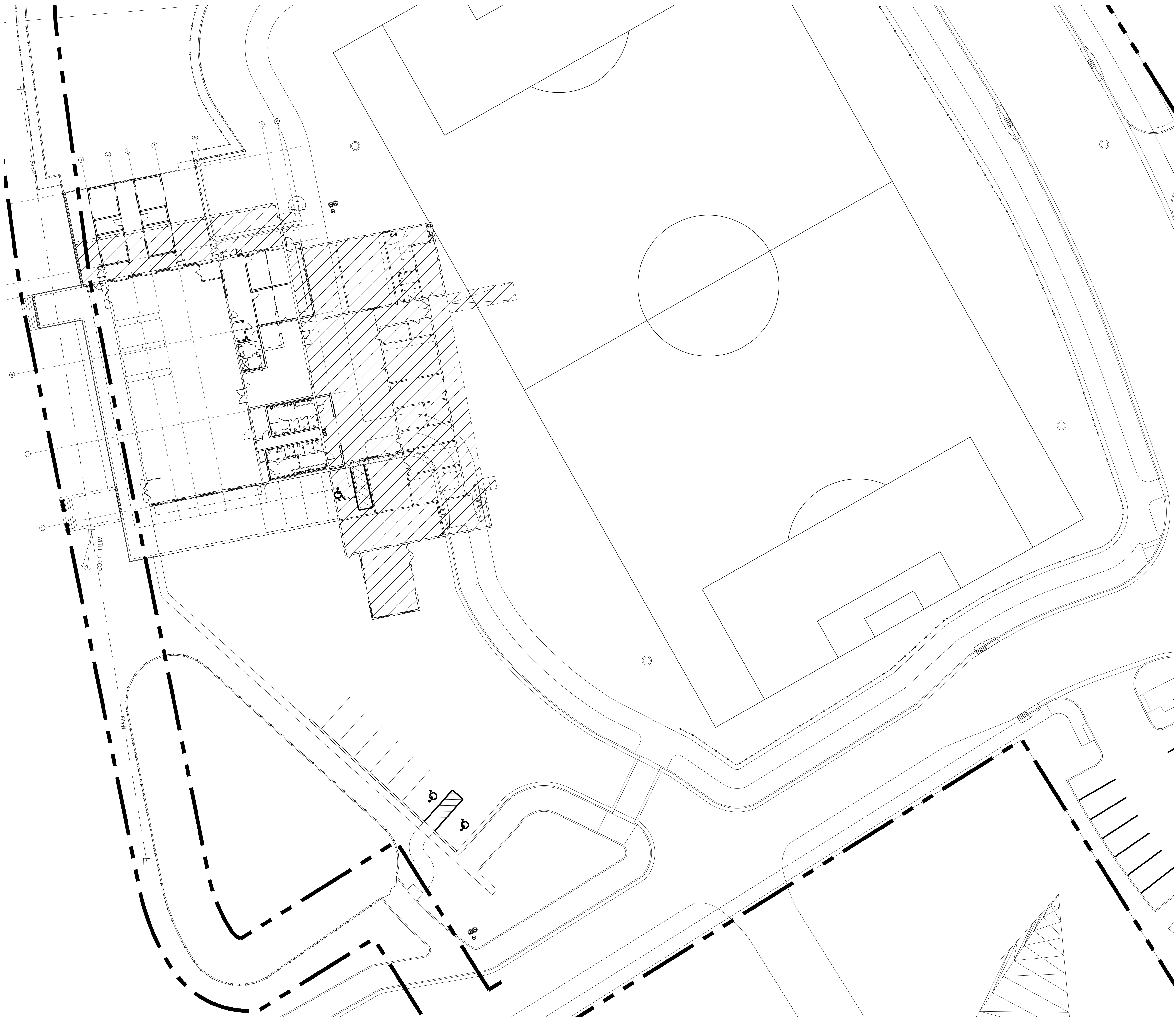
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A1.1.1

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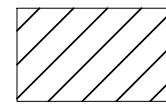
GENERAL NOTES

1. FOR GENERAL REFERENCE ONLY - NOT FOR DEMO REFERENCE. SEE AD-SHEETS FOR DEMO INFORMATION. SEE SD-1.0 FOR STRUCTURAL DEMO.

CODED NOTES

1 x

PLAN LEGEND:



TO BE DEMOLISHED

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Expiration Date 02/28/2019
COA #: 30945

Consultants:

STRUCTURAL ENGINEER:
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CIVIL ENGINEER:
Perez Engineering &
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IRRIGATION:
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2018.05.14 - SD Submittal Set
2018.05.15 - HARC Submittal Set
2018.05.18 - City Review Set
2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST

1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size | Project #
24x36 | 18070

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Title:

**PROPOSED/
EXISTING
SITE PLAN**

Sheet Number:

A1.1.2

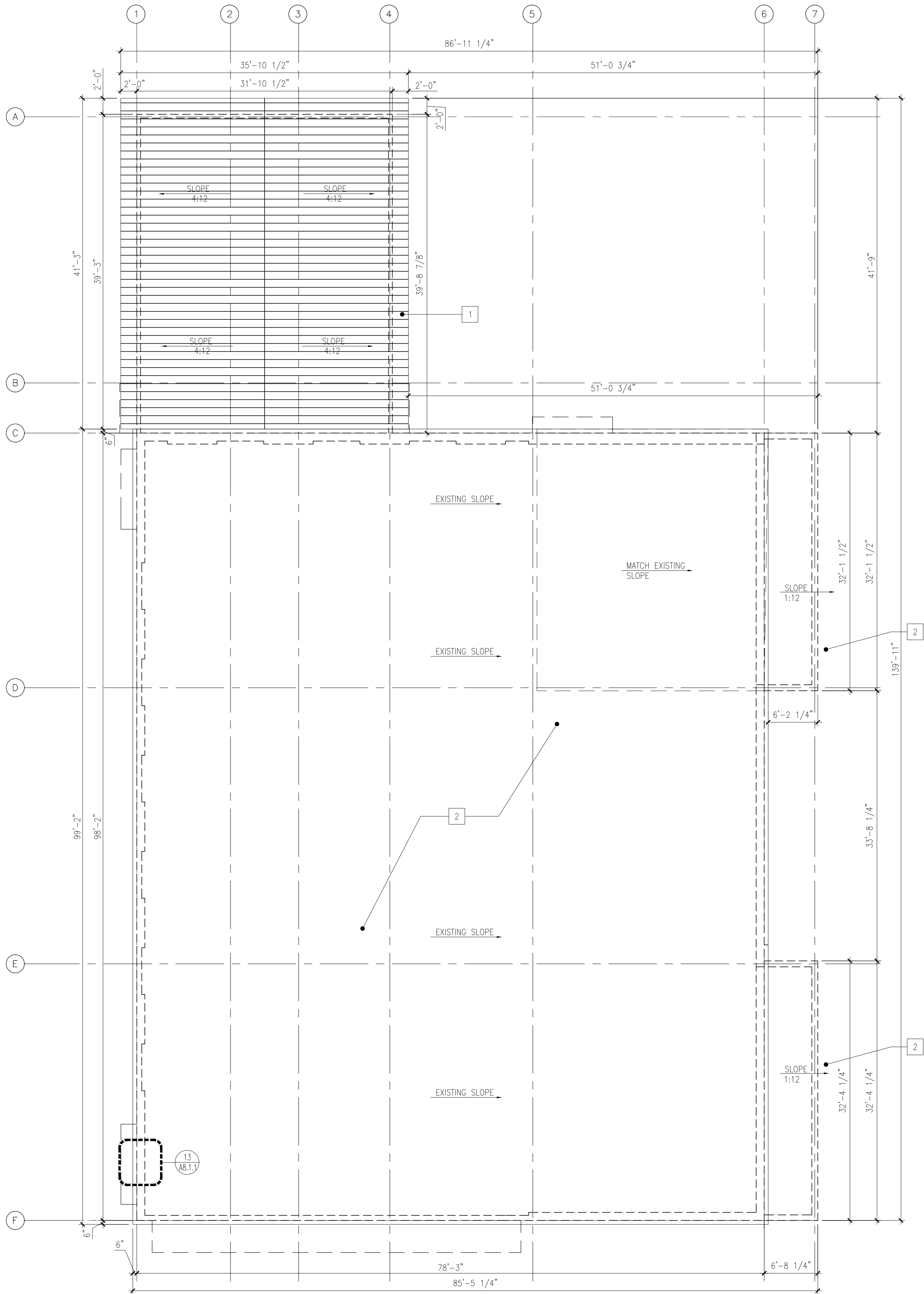
Date: October 23, 2018

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1. SHELVING UNITS BY OTHERS
2. RAILING TO MATCH EXISTING STYLE/TYPE OF TRUMAN WATERFRONT PARK EXISTING RAILS.
3. SEE A9.1.1 FOR WALL SCHEDULE AND DETAILS
4. SEE A6.1.1 FOR ARCHITECTURAL DETAILS.
5. SEE STRUCTURAL FOR LOCATIONS OF NEW SLAB



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



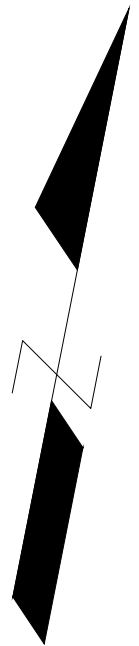
1 ROOF PLAN
SCALE: 1/8"=1'-0"

GENERAL NOTES

1. EXISTING ROOF TO RECEIVE NEW MEMBRANE ROOFING.
2. MATCH EXISTING DOUBLE TEE OVERHANG DETAIL AT NEW RAISED ROOF.

CODED NOTES

- | | |
|---|--------------------------|
| 1 | METAL STANDING SEAM ROOF |
| 2 | MEMBRANE ROOF |



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STATE OF FLORIDA
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Expiration Date 02/28/2019
COA #: 30945

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CIVIL ENGINEER:
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IRRIGATION:
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Submissions:
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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
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Drawing Size 24x36 Project # 18070
Drawn By: NC Checked By: AA
Title: ROOF PLAN

Sheet Number:
A2.1.2
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1

REFLECTED CEILING PLAN

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

2

FINISH FLOOR PLAN

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

CEILING LEGEND:

- NEW RETURN AIR. REFER TO MECH.
- NEW SUPPLY AIR. REFER TO MECH.
- NEW 2X4 CEILING GRID
- NEW 2X4 PARABOLIC LIGHT FIXTURE. REFER TO ELECTRICAL PLANS.
- NEW 8' UTILITY LIGHT. REFER TO ELECTRICAL PLANS.
- CLG_TYP — CEILING TYPE
- CLG_HT — CEILING HEIGHT

O.T.S. = OPEN TO STRUCTURE
A.C.T. = ACOUSTICAL CEILING TILE
E.T.R. = EXISTING TO REMAIN

FLOOR FINISH LEGEND

FL	00		
F	01		CONCRETE
F	02		EPOXY PAINTED CONCRETE
F	03		CONCRETE W/METAL DIAMOND GRATE
FT	01		12X24 TILE
FT	02		12X24 CERAMIC TILE
FT	03		6X24 CERAMIC TILE - WOOD LOOK

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COA #: 30945

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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

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Drawing Size | Project #:
24x36 | 18070
Drawn By: xxx | Checked By: xxx

Title:
REFLECTED
CEILING PLAN
& FINISH FLOOR
PLAN

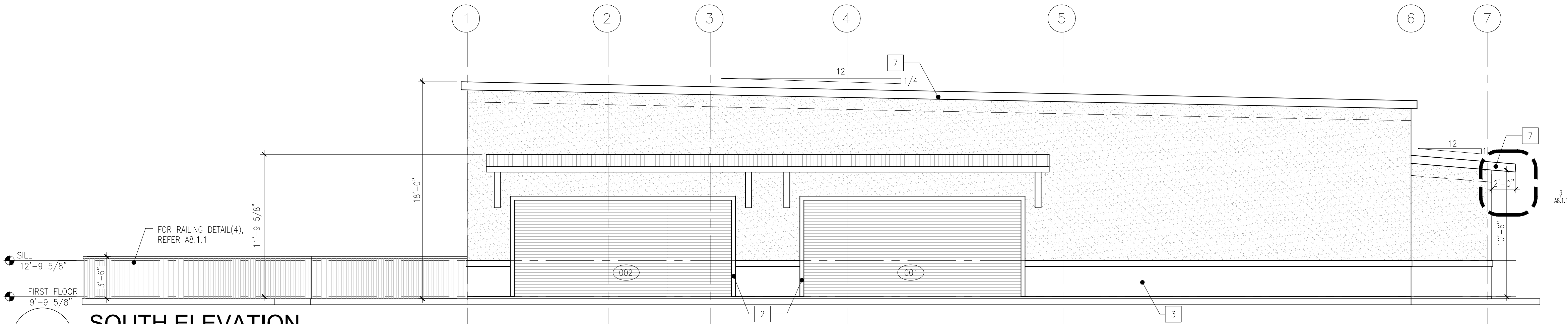
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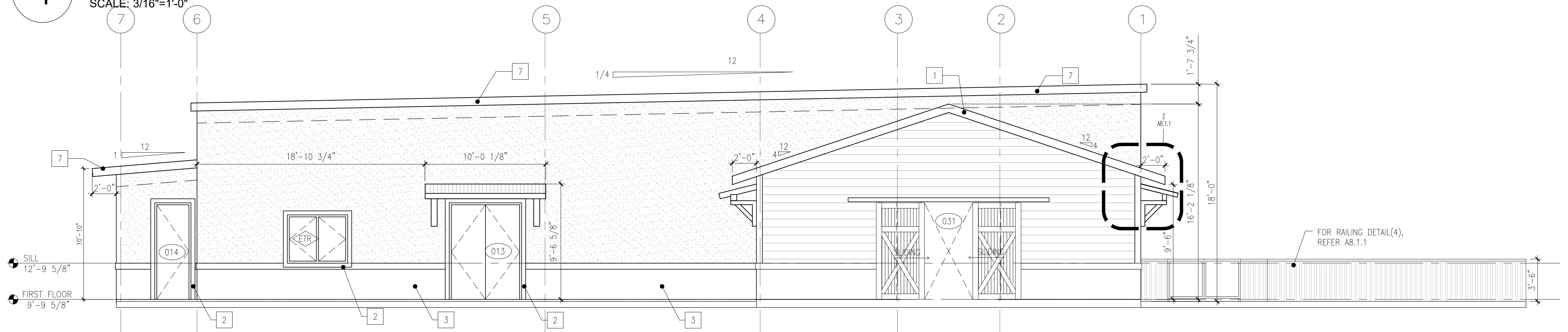
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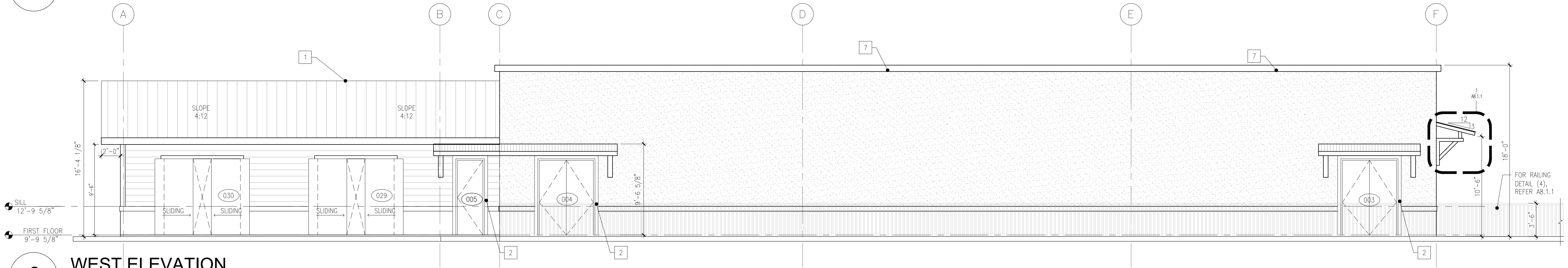
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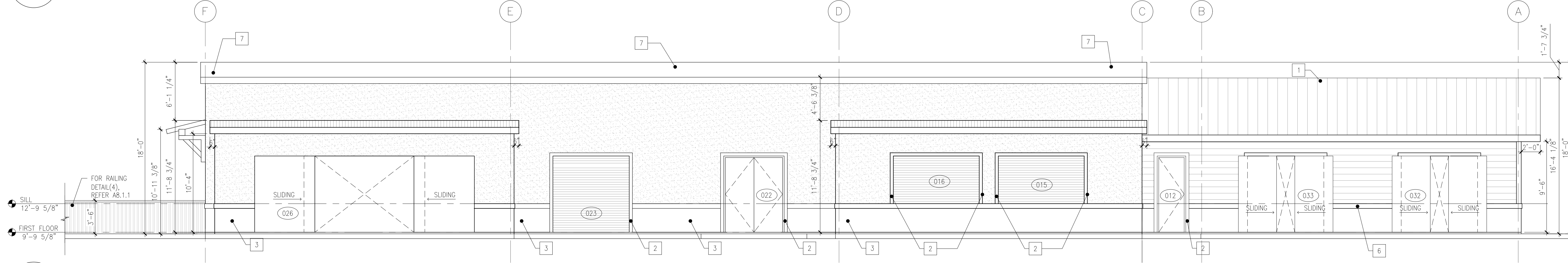
4 SOUTH ELEVATION
SCALE: 3/16"=1'-0"



3 NORTH ELEVATION
SCALE: 3/16"=1'-0"



2 WEST ELEVATION
SCALE: 3/16"=1'-0"



1 EAST ELEVATION
SCALE: 3/16"=1'-0"

GENERAL NOTES

- EXISTING DOUBLE TEE ROOF (ABOVE PAL GYM) TO REMAIN
- REMAINING PORTIONS OF LOWER ROOF TO BE RAISED TO MATCH LINE OF EXISTING UPPER DOUBLE TEE ROOF. VIF.
- REFINISH EXISTING TO REMAIN EXTERIOR WALLS - STUCCO PATCH, REPAINT, NEW WATERTABLE LINE.
- WATERTABLE TO MATCH EXISTING @ FULL PERIMETER OF BUILDING

CODED NOTES

- | | |
|---|------------------------|
| 1 | 5V CRIMP METAL ROOF |
| 2 | 1"x4" STUCCO TRIM, TYP |
| 3 | SMOOTH STUCCO |
| 4 | GUTTER |
| 5 | DOWN SPOUT |
| 6 | HARDI-BEARD SIDING |
| 7 | MEMBRANE ROOF |

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LIC. NO. 73110
COA: 30945

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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

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Drawing Size | Project #:
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Title:
EXTERIOR ELEVATIONS

Sheet Number:
A3.1.1
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ACCESSORY SCHEDULE

- (A) TOILET PAPER DISPENSER (ADA COMPLIANT)
(B) UNDER-COUNTER SOAP DISPENSERS
(C) SANITARY NAPKIN RECEPTACLE
(D) COAT BUMPER HOOK
(E) 42" GRAB BAR 1-1/2"x
(F) 36" GRAB BAR 1-1/2"x
(G) TOILET SEAT COVER DISPENSER
(H) HAND DRYER
(I) BABY CHANGING STATION

NOT USED

INTERIOR ELEVATION-WOMEN'S RESTROOMS#001 SCALE: 1/2"=1'-0"

7

INTERIOR ELEVATION-WOMEN'S RESTROOMS#001

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

3

NOT USED

INTERIOR ELEVATION-WOMEN'S RESTROOMS#001 SCALE: 1/2"=1'-0"

6

INTERIOR ELEVATION-WOMEN'S RESTROOMS#001

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

2

INTERIOR ELEVATION-WOMEN'S RESTROOMS#001

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

5

INTERIOR ELEVATION-WOMEN'S RESTROOMS#001

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

WOMEN'S RESTROOM #001

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

1

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STEVEN S. GRASLEY
FLORIDA
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No. 73110
Professional Engineer
Steven S. Grasley, FL License #73110
Expiration Date 02/28/2019
COA # 30945

Consultants:
STRUCTURAL ENGINEER:
Meridian Engineering LLC
CIVIL ENGINEER:
Perez Engineering &
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IRRIGATION:
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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM
Drawing Size | Project #:
24x36 | 18070
Drawn By: | Checked By:
RV | AA

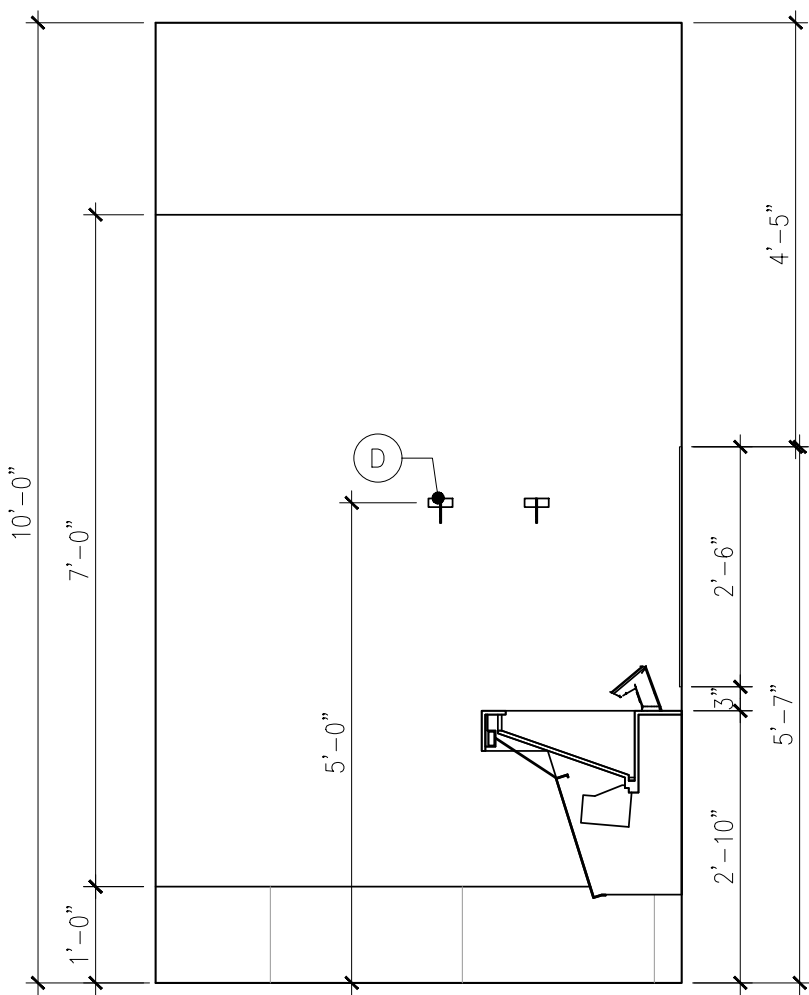
Title:
WOMEN'S
RESTROOM
ENLARGED
PLAN

Sheet Number:
A4.1.1
Date: October 23, 2018
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ACCESSORY SCHEDULE

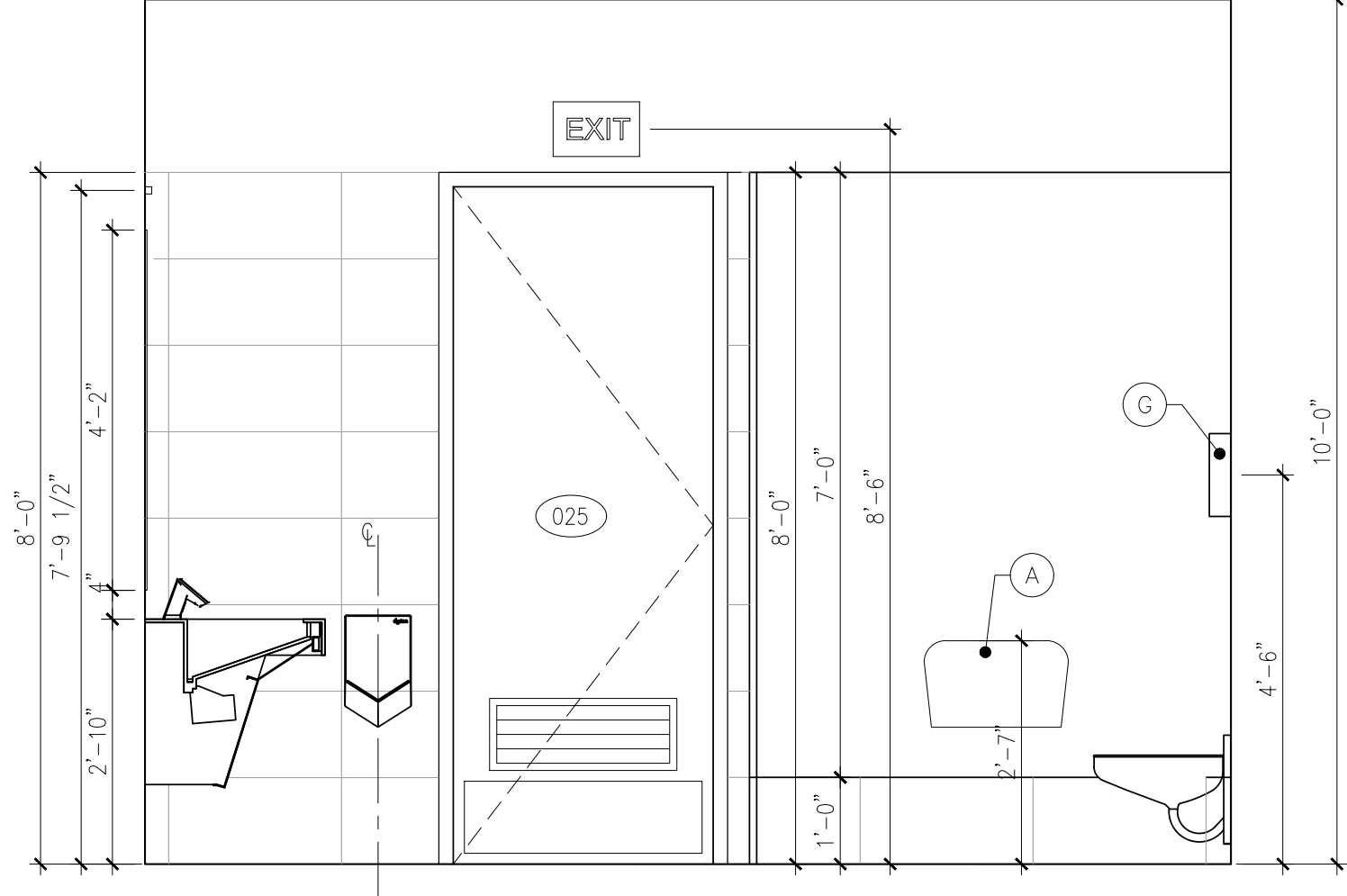
- (A) TOILET PAPER DISPENSER (ADA COMPLIANT)
(B) UNDER-COUNTER SOAP DISPENSERS
(C) SANITARY NAPKIN RECEPTACLE
(D) COAT BUMPER HOOK
(E) 42" GRAB BAR 1-1/2"Ø
(F) 36" GRAB BAR 1-1/2"Ø
(G) TOILET SEAT COVER DISPENSER
(H) HAND DRYER
(I) BABY CHANGING STATION



INTERIOR ELEVATION-MEN'S RESTROOMS#002

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

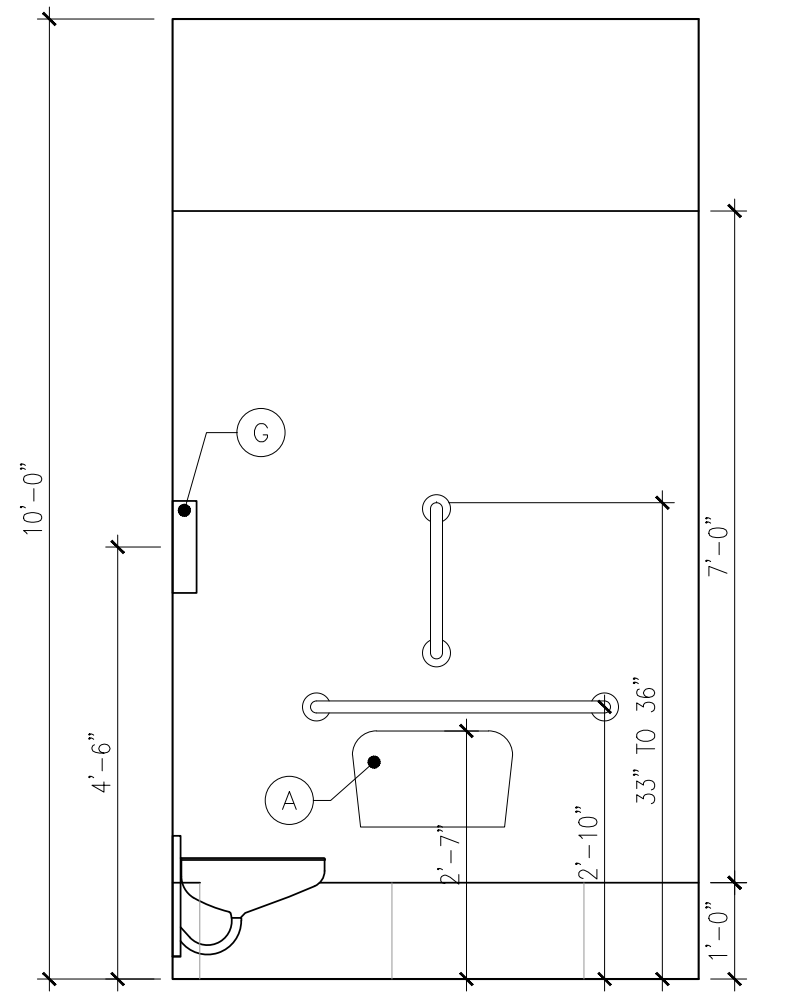
7



INTERIOR ELEVATION-MEN'S RESTROOMS#002

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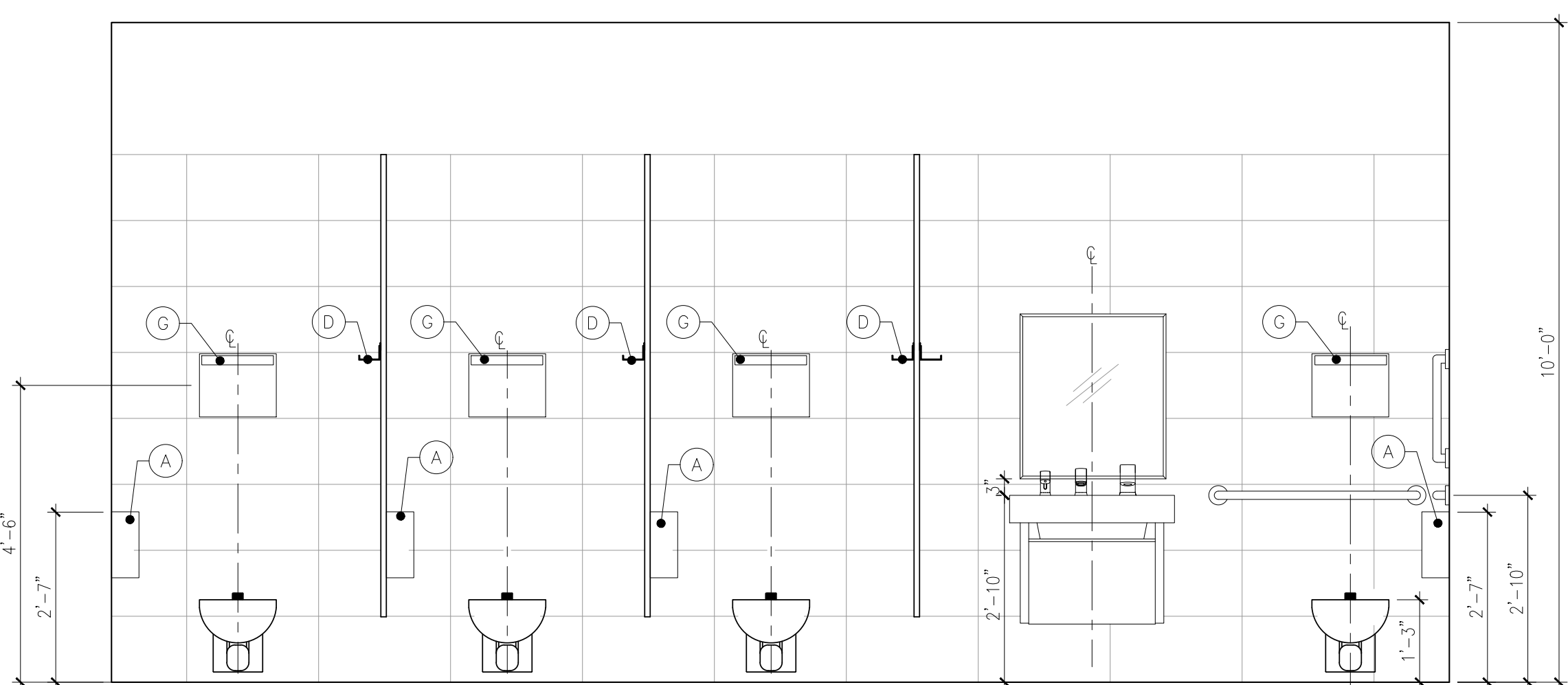
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INTERIOR ELEVATION-MEN'S RESTROOMS#002

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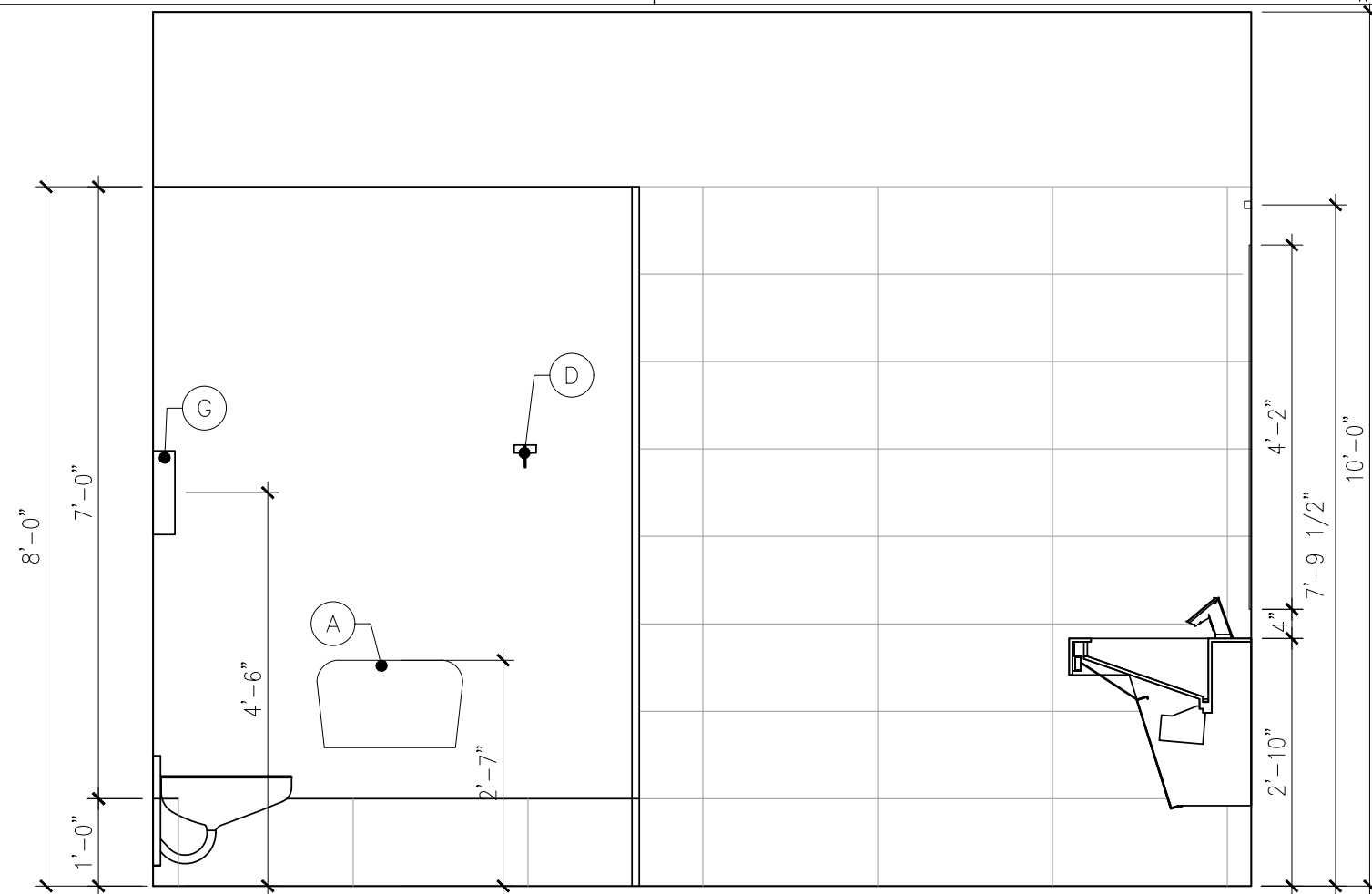
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INTERIOR ELEVATION-MEN'S RESTROOMS#002

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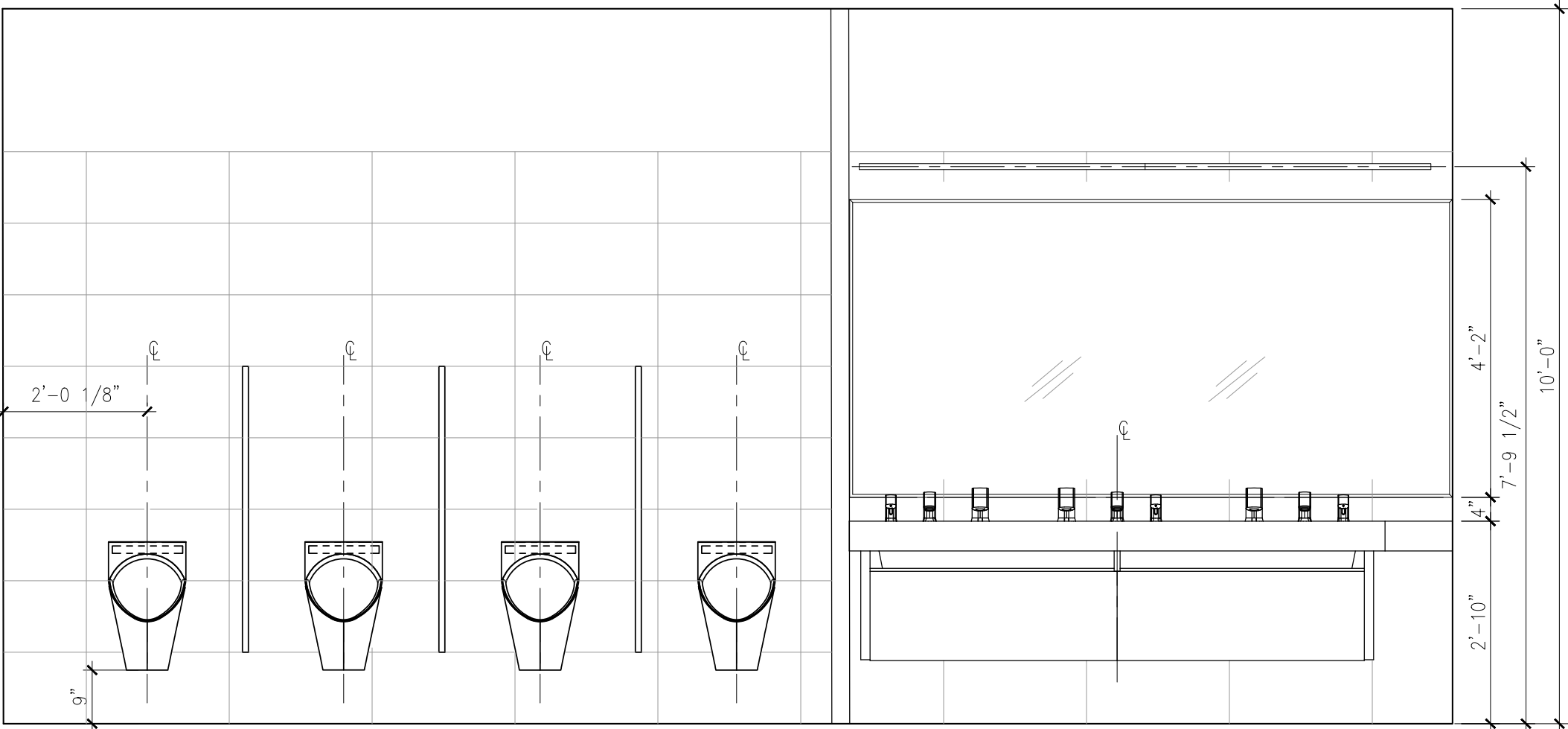
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INTERIOR ELEVATION-MEN'S RESTROOMS#002

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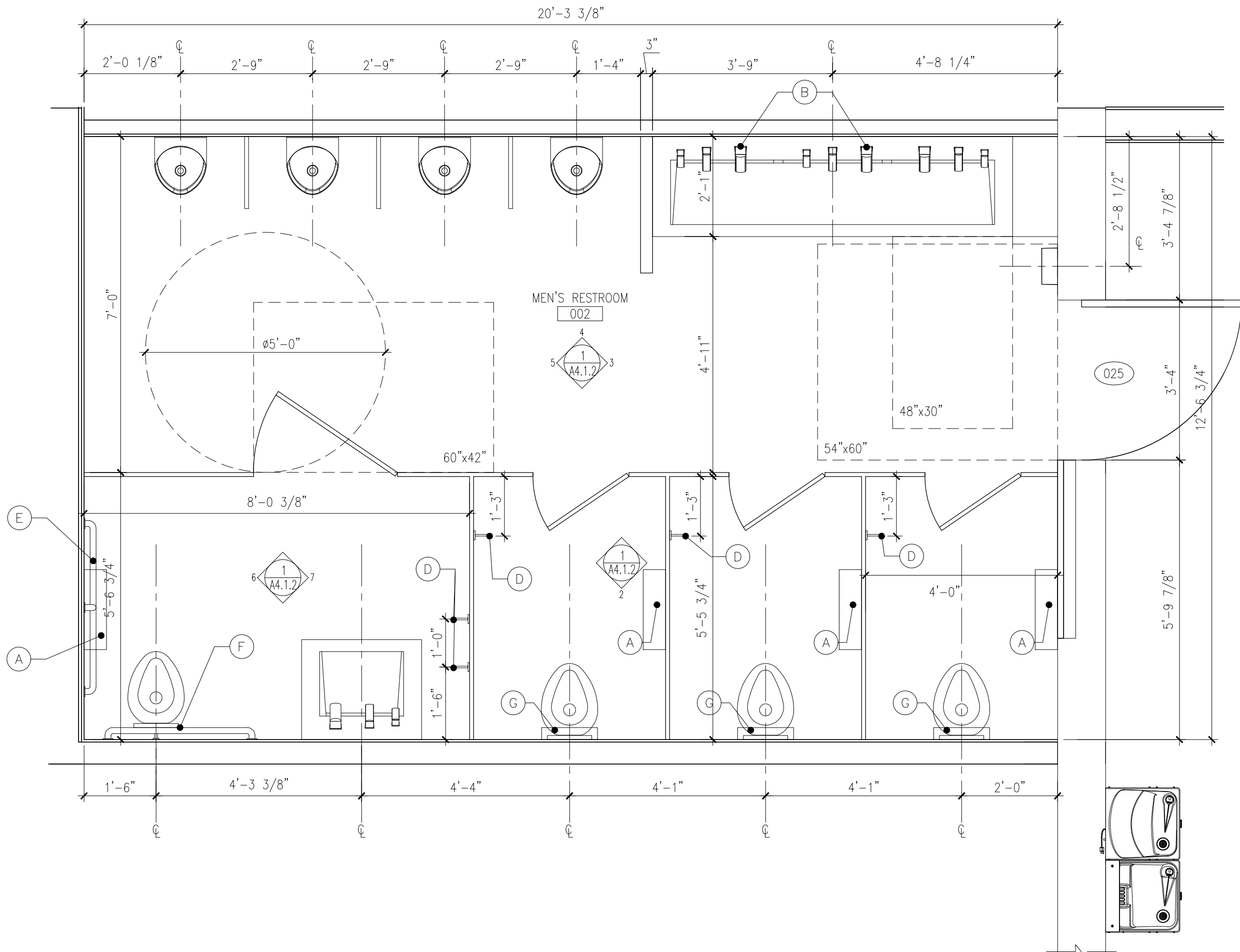
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INTERIOR ELEVATION-MEN'S RESTROOMS#002

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

4



WOMEN'S RESTROOM #002

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

1

ARCHITECT:

K2M DESIGN

Architecture, Engineering,
Interior Design,
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Specialty Consulting

Key Largo, FL
Key West, FL
Marathon, FL

URL: www.k2mdesign.com
PROF. REG. AA26001059

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STEVEN S. GRASLEY
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COA: 30945

Steven S. Grasley, FL License #73110
Expiration Date 02/28/2019
COA # 30945

Consultants:

STRUCTURAL ENGINEER:
Meridian Engineering LLC

CIVIL ENGINEER:
Perez Engineering &
Development

IRRIGATION:
Blue Island Lighting & Irrigation
Inc.

Submissions:

DATE/PHASE

2018.05.14 - SD Submittal Set

2018.05.15 - HARC Submittal Set

2018.05.18 - City Review Set

2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size | Project #
24x36 | 18070

Drawn By: | Checked By:
RV | AA

Title:

MEN'S RESTROOM
ENLARGED
PLAN

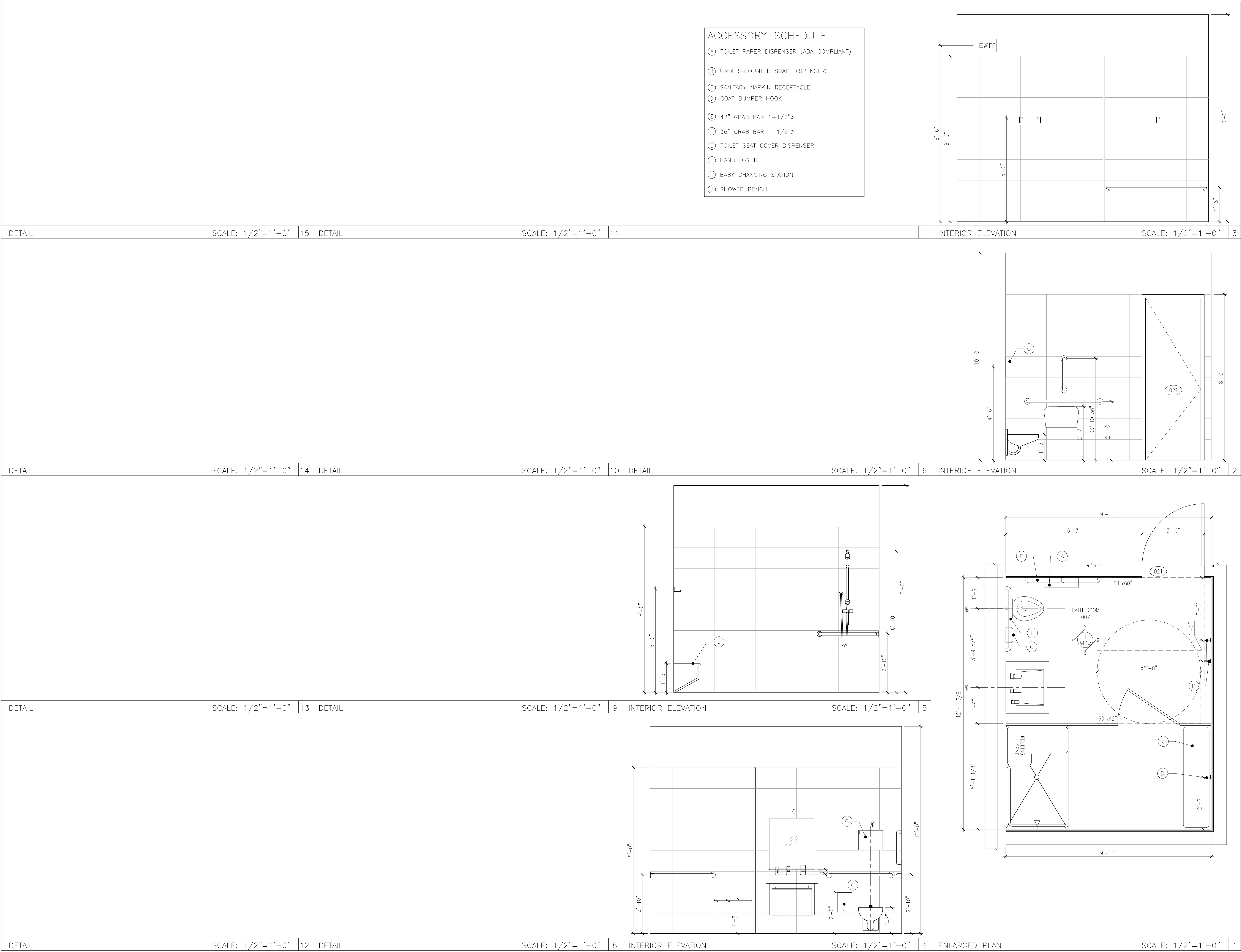
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A4.1.2

Date: October 23, 2018

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ACCESSORY SCHEDULE

- (A) TOILET PAPER DISPENSER (ADA COMPLIANT)
- (B) UNDER-COUNTER SOAP DISPENSERS
- (C) SANITARY NAPKIN RECEPTACLE
- (D) COAT BUMPER HOOK
- (E) 42" GRAB BAR 1-1/2"Ø
- (F) 36" GRAB BAR 1-1/2"Ø
- (G) TOILET SEAT COVER DISPENSER
- (H) HAND DRYER
- (I) BABY CHANGING STATION
- (J) SHOWER BENCH

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IRRIGATION:
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Inc.

Submissions:

DATE: PHASE

2018.06.14 - SD Submittal Set

2018.06.15 - HARC Submittal Set

2018.06.18 - City Review Set

2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size 24x36	Project # 18070
Drawn By: PS	Checked By: AA

Title:
BATHROOM
ENLARGED PLAN

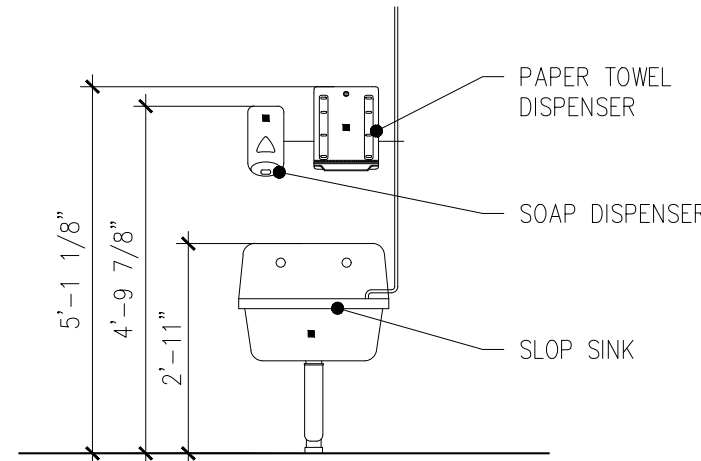
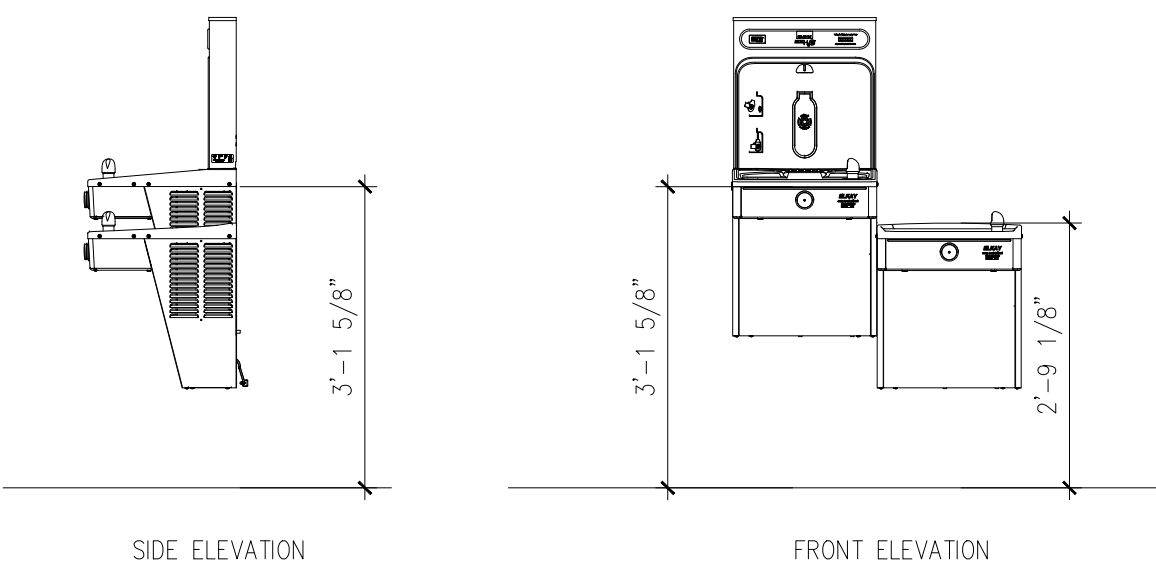
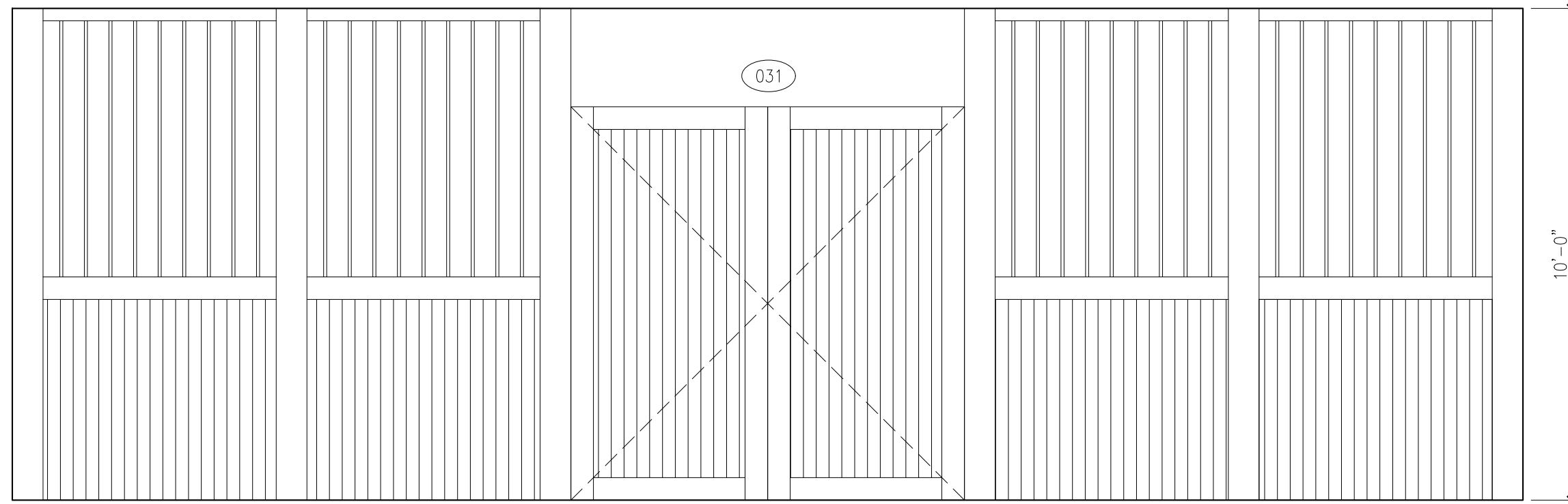
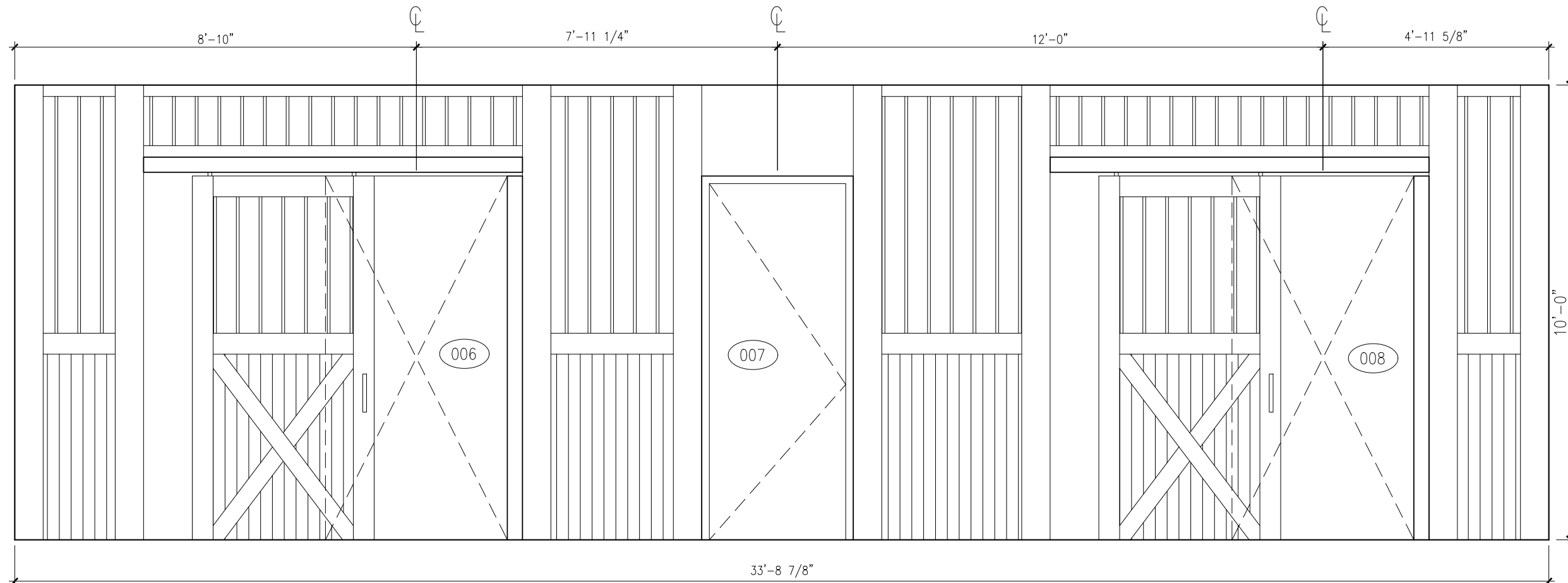
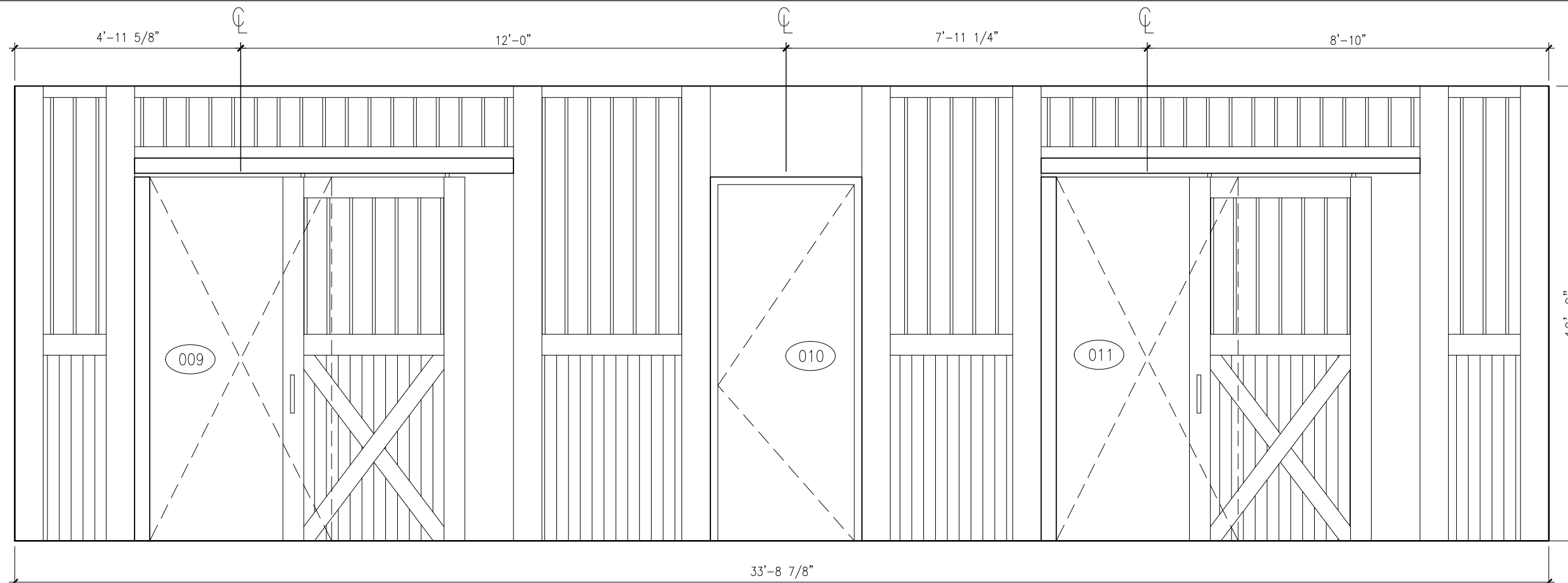
Sheet Number:

A4.1.3

Date: October 23, 2018

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NOT USED	SCALE: 1/2"=1'-0"	14	NOT USED	SCALE: 1/2"=1'-0"	10	INTERIOR ELEVATION	SCALE: 3/8"=1'-0"	3			
											
NOT USED	SCALE: 1/2"=1'-0"	13	NOT USED	SCALE: 1/2"=1'-0"	9	INTERIOR ELEVATION	SCALE: 3/8"=1'-0"	2			
											
NOT USED	SCALE: 1/2"=1'-0"	12	NOT USED	SCALE: 1/2"=1'-0"	8	INTERIOR ELEVATION	SCALE: 3/8"=1'-0"	1			

ARCHITECT:

K2MDESIGN

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Submissions:

DATE: PHASE

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2018.05.15 - HARC Submittal Set

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2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size
24x36

Project #:
18070

Drawn By:
RV

Checked By:
AA

Title:

HORSE BARN
CORRIDOR
ENLARGED ELEVATIONS

Sheet Number:

A4.1.4

Date: October 23, 2018

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FINISH SCHEDULE LEGEND					
FLOOR					
NOTE	DESCRIPTION	MANUFACTURER	STYLE/MODEL	COLOR	REMARKS
CT1	12"x12" CERAMIC FLOOR TILE, COLOR AND TYPE BY OWNER.				
PTD	EPOXY PAINTED-COLOR AND TYPE BY OWNER				
CT2	12"x24" CERAMIC FLOOR TILE AT RESTROOMS	CERAMIC TECHNICS	CUMBERLAND EARTHSTONE	WARM GREY	
BASE					
NOTE	DESCRIPTION	MANUFACTURER	STYLE/MODEL	COLOR	REMARKS
PTD.	PTD. - 3/4"x6" PAINTED WOOD BASE W/ OGEE PROFILE. ALL WOOD TO BE PRE-PRIMED FINGER JOINTED PINE PAINT GRADE TYPE.				
CT1	6"x12" CERAMIC TILE TO MATCH FLOOR. COLOR & TYPE BY OWNER.				
CT2	3"x12" BULLNOSE BASE AT RESTROOMS TO MATCH FLOOR. COLOR & TYPE BY OWNER.	CERAMIC TECHNICS	CUMBERLAND EARTHSTONE	WARM GREY	
WALLS					
NOTE	DESCRIPTION	MANUFACTURER	STYLE/MODEL	COLOR	REMARKS
PTD 1	PAINTED, EGGSHELL FINISH	SHERWIN WILLIAMS	EMERALD INTERIOR LATEX	SW 6476	
PTD 2	PAINTED, EGGSHELL FINISH	SHERWIN WILLIAMS	EMERALD INTERIOR LATEX	SW 6471	
T 1	GENERAL TILE AT RESTROOMS	CERAMIC TECHNICS	SASSUOLO DIMENSIONAL	WHITE LINE MATTE	
T 2	ACCENT TILE AT RESTROOMS	CERAMIC TECHNICS	SASSUOLO DIMENSIONAL	DEEP BLUE CHEVRON	
T 3	TILE BEHIND SINK AT RESTROOMS	CERAMIC TECHNICS	SASSUOLO DIMENSIONAL	DEEP BLUE	
CEILING					
NOTE	DESCRIPTION	MANUFACTURER	STYLE/MODEL	COLOR	REMARKS
GYP.	GYPSUM BOARD, PAINTED WHITE, FLAT FINISH.				
CONC.	EXISTING EXPOSED PRE-CAST DOUBLE T				
DUR.	DURROCK, PAINTED WHITE , FLAT FINISH				
ACT1	2X4 ACOUSTICAL CEILING TILE				
ACT2	1X6 ACOUSTICAL CEILING TILE				
WD.	EXPOSED WOOD TRUSSES				
MISC.					
NOTE	DESCRIPTION	MANUFACTURER	STYLE/MODEL	COLOR	REMARKS
DOOR	PAINTED WHITE, SEMI-GLOSS FINISH.				
TRIM	3/4x6" COLONIAL PROFILES TRIM AROUND ALL DOORS AND WINDOWS. ALL WOOD TO BE PRE-PRIMED FINGER JOINTED PINE PAINT GRADE TYPE. PAINT WHITE SEMI-GLOSS FINISH.				

FINISH SCHEDULE						
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
001	WOMEN'S BATHROOM	CT2	CT2	PTD1	ACT2	
002	MEN'S BATHROOM	CT2	CT2	PTD1	ACT2	
003	STORAGE	PTD	N/A	PTD1	CONC.	
004	STORAGE OF EQUIPMENT	PTD	N/A	PTD1	CONC.	
006	CLIMATE CONTROLLED STORAGE	PTD	N/A	PTD1	CONC.	
007	BATHROOM	CT2	CT2	PTD1	ACT1	
008	OFFICE-1	CT1	PTD.	PTD1	ACT1	
009	OFFICE-2	CT1	PTD.	PTD1	ACT1	
010	CONCESSIONS	CT1	CT1	PTD1	DUR.	CACTUS MAT 3'X5' - (3) TO BE PROVIDED
011	HORSE STABLES	PTD	N/A	WD1	WD.	¾" RUBBER DIAMOND TOP HORSE MAT
012	FEED ROOM	PTD	N/A	WD1	WD.	DIAMOND GRATE OVERLAY
013	HORSE STABLES	PTD	N/A	WD1	WD.	¾" RUBBER DIAMOND TOP HORSE MAT
014	HORSE STABLES	PTD	N/A	WD1	WD.	¾" RUBBER DIAMOND TOP HORSE MAT
015	TACK ROOM	PTD	N/A	WD1	WD.	DIAMOND GRATE OVERLAY
016	HORSE STABLES	PTD	N/A	WD1	WD.	¾" RUBBER DIAMOND TOP HORSE MAT
017	RACK SPACE	CT1	PTD.	PTD1	GYP.	
018	HALL	CT1	PTD.	PTD1	ACT1	

NOTE: "CONTRACTOR SHALL SUBMIT ALL FINISH SAMPLES, WHETHER INTERIOR OR EXTERIOR, AT THE SAME TIME SO A UNIFORMED, FINAL COLOR AND TEXTURE SELECTION / COORDINATION MAY OCCUR. IF FINISH SAMPLES ARE NOT SUBMITTED AT ONE TIME THEY SHALL BE HELD UNTIL SUCH TIME THAT ALL FINISH SELECTION CAN BE MADE. NOTE: IF CONTRACTOR FAILS TO SUBMIT FINISH SAMPLES IN A TIMELY, COHESIVE FASHION AND CAUSES DELAY IN MATERIAL ORDERING, IT SHALL NOT BE GROUNDS FOR CONTRACT EXTENSION OR REQUEST FOR ADDITIONAL FUNDING BY CONTRACTOR NOR REPRESENTS ANY NEGLIGENT ACT, ERROR, OR OMISSION BY DESIGN PROFESSIONAL. THE CONTRACTOR IS SOLELY LIABLE FOR DELAYS OR MATERIAL COST INCREASES."

EQUIPMENT SCHEDULE							
ROOM	FIXTURE	DESCRIPTION	MANUFACTURER	MODEL NO.	MAT./FIN.	COLOR	REMARKS
001	HAND DRYER	DYSON AIRBLADE V	DYSON	AB08	STEEL	SILVER	2/BATHROOM
	EXHAUST FAN	EXHAUST FAN ON ROOF	GREENHECK	G	ALUMINUM	TBD	1/BATHROOM
	BABY CHANGING STATION	CHANGING STATION	KOALA	KB200-01	POLYETHYLENE	GRAY	1/WOMENS ROOM
007	HAND DRYER	DYSON AIRBLADE V	DYSON	AB08	STEEL	SILVER	1/BATHROOM
011/012/013/014/015/016	WALL MOUNTED FANS	OSCILLATING WALL MOUNT FAN (24" DIAMETER)	GLOBAL INDUSTRIAL	607050	ALUMINUM	SILVER	CAN ADJUST SIZE PER REQUIREMENTS OF INDIVIDUAL SPACES. (4) FOR HALLWAY, (1) PER STABLE, (1) TACK ROOM, (1) FEED ROOM

DOOR HARDWARE SCHEDULE				
QUANTITY	ITEM	MANUFACTURER	MODEL #	FINISH
GROUP 1 - OFFICE LOCK				
3	HINGES - 4 ½ X 4 ½	HAGER	BB1279	CHROME
1	LOCKSET W/KEY	SCHLAGE	AL50PD ANSI F82	US626
1	LEVEL STYLE HANDLE	SATURN OR EQUAL		
1	WALL MOUNTED STOP	IVES	WS40QCCV	US32D
1	CLOSER	LCN QUEST	1260 SERIES	ALBHMA
3	SILENCER	GLYNN JOHNSON		
GROUP 2 - ENTRY LOCK - TO BE UNLOCKED DURING BUSINESS HOURS				
3	HINGES - 4 ½ X 4 ½	HAGER		
1	ENTRANCE LOCKSET WITH DEAD BOLT	SCHLAGE		
1	PUSH/PULL HANDLE	E.T.R.		
1	WEATHER STRIPPING			
1	CLOSER	LCN QUEST	1260 SERIES	ALBHMA
REF: 1008.1.8.3 (2.2) A readily visible sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. The sign shall be in letters 1 inch (25 mm) high on a contrasting back-ground.				
GROUP 3 - RESTROOM LOCK - PRIVACY LOCK				
3	HINGES - 4 ½ X 4 ½	HAGER	BB1279	
1	PRIVACY LOCK SET	SCHLAGE	AL40S 01 LEVER	
1	LEVER STYLE HANDLE	SATURN		
1	CLOSER	LCN QUEST	1260 SERIES	ALBHMA
1	WALL MOUNTED STOP	IVES	WS40QCCV	US32D
3	SILENCER	GLYNN JOHNSON		
GROUP 4 - PASSAGE LATCH				
3	HINGES - 4 ½ X 4 ½	HAGER	BB1279	SATIN
1	PASSAGE SET	SCHLAGE	AL10S	US262
1	LEVER STYLE HANDLE	SATURN		
1	CLOSER	LCN QUEST	1260 SERIES	ALBHMA
3	SILENCER	GLYNN JOHNSON		
1	STAINLESS STEEL KICKPLATE	IVES	8400	
1	WALL MOUNTED STOP	IVES	WS40QCCV	US32D
GROUP 5 - STOREROOM LOCK				
3	HINGES - 4 ½ X 4 ½	HAGER	BB1279	CHROME
1	LOCKSET W/KEY	SCHLAGE	AL80PD ANSI F82	US626
1	LEVEL STYLE HANDLE	SATURN OR EQUAL		
1	WALL MOUNTED STOP	IVES	WS40QCCV	US32D
1	CLOSER	LCN QUEST	1260 SERIES	ALBHMA
3	SILENCER	GLYNN JOHNSON		
GROUP 6 - EXIT DOOR - EXTERIOR				
3	HINGES - 4 ½ X 4 ½	HAGER	BB1279	CHROME
1	LOCKSET	SCHLAGE	20-057	
1	EXIT DEVICE	VON DUPRIN PANIC BAR	99L	
1	CLOSER	LCN QUEST - ALUM	1370	ALBHMA 689
1	THRESHOLD	36" NATIONAL GUARD	#613	
1	SWEEP	36" NATIONAL GUARD	C627A	
1	WALL MOUNTED STOP	IVES	WS407CCV	US32D
3	SILENCER	GLYNN JOHNSON		
1	AUTOMATIC SWING OPENER			
GROUP 7 - EXIT DOOR - CORRIDOR				
3	HINGES - 4 ½ X 4 ½	HAGER	BB1279	CHROME
1	HANDLE	SATURN OR EQUAL		
1	EXIT DEVICE	VON DUPRIN PANIC BAR	99L	
1	CLOSER	LCN QUEST - ALUM	1370	ALBHMA 689
1	WALL MOUNTED STOP	IVES	WS407CCV	US32D
3	SILENCER	GLYNN JOHNSON		
1	ASTRAGAL	NATIONAL GUARD	114NA	
	AUTOMATIC FLUSH BOLTS	IVES	FB41	
1	COORDINATOR	IVES	COR60	

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TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST

1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size 24x36 | Project # 18070

Drawn By: RV | Checked By: AA

Title:

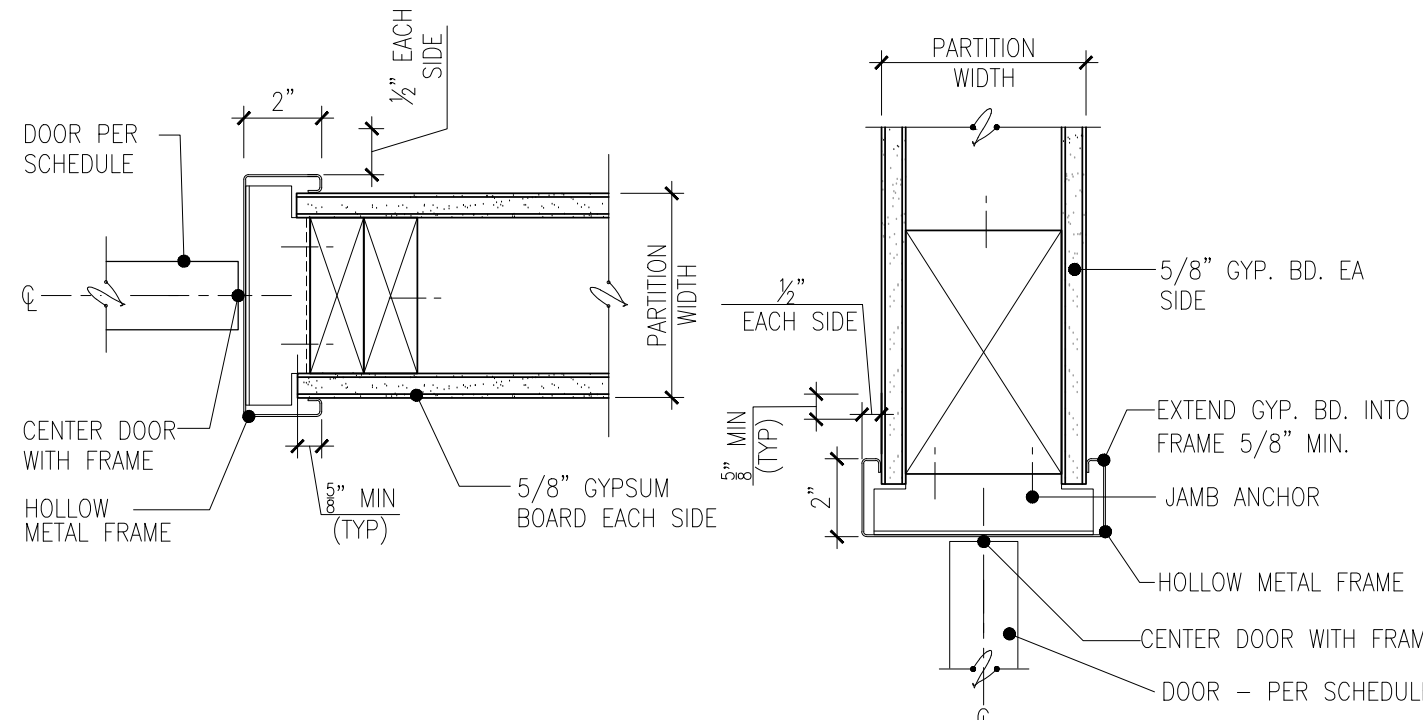
FINISH, EQUIPMENT
& DOOR HARDWARE
SCHEDULES

Sheet Number:

A6.1.1

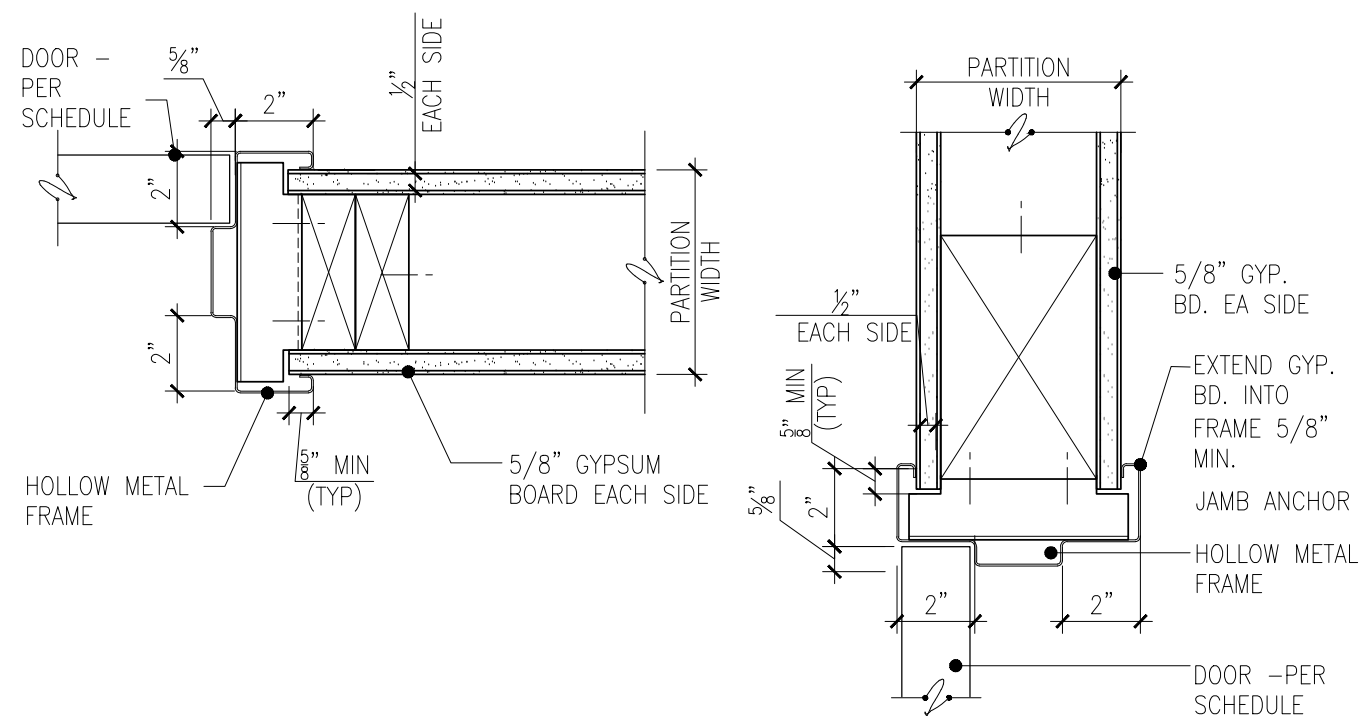
Date: October 23, 2018

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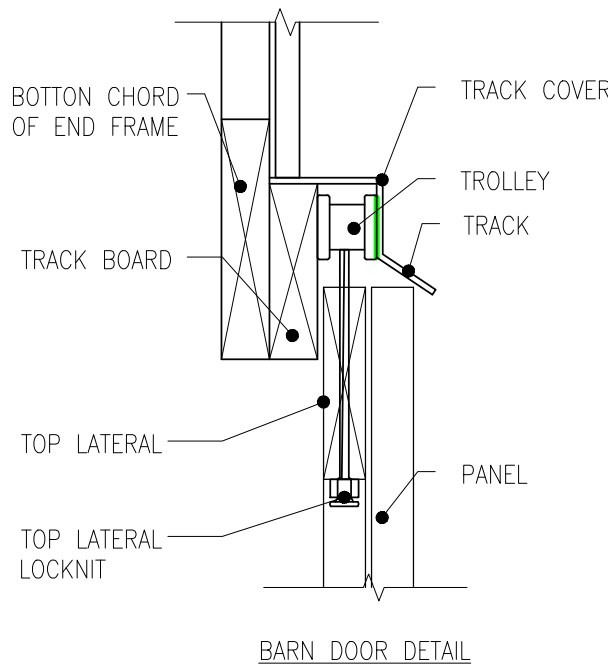
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SCALE: 3/8"=1'-0"

2 IMPACT DOOR HEAD
SCALE: 3/8"=1'-0"

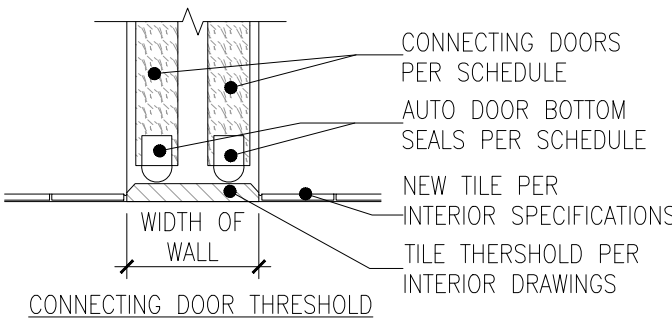


3 INTERIOR DOOR JAMB
SCALE: 3/8"=1'-0"

4 INTERIOR DOOR JAMB
SCALE: 3/8"=1'-0"



BARN DOOR DETAIL



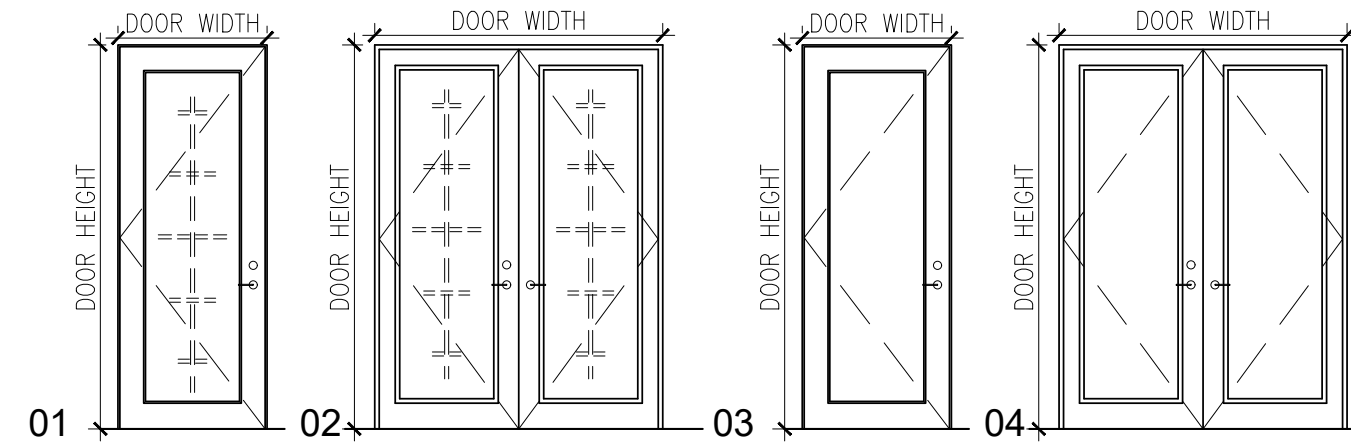
DOOR SCHEDULE										
DOOR NO.	ROOM		DOOR				GLAZING	HARDWARE	FIRE RATING	REMARKS
	FROM	TO	NOMINAL SIZE	TYPE	MATL	FINISH				
001	STORAGE OF EQUIPMENT	OUTSIDE	18'-0"x10'-0"	7	STEEL	WHITE	NO	TBD - CLIENT		IMPACT RATED OVERHEAD ROLLING DOOR
002	STORAGE OF EQUIPMENT	OUTSIDE	18'-0"x10'-0"	7	STEEL	WHITE	NO	TBD - CLIENT		IMPACT RATED OVERHEAD ROLLING DOOR
003	STORAGE OF EQUIPMENT	OUTSIDE	6'-0"x7'-0"	2	ALUMINUM	WHITE	YES	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
004	STORAGE OF EQUIPMENT	OUTSIDE	6'-0"x7'-0"	2	ALUMINUM	WHITE	YES	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
005	HORSE STABLE HALL	OUTSIDE	3'-0"x8'-0"	1	ALUMINUM	WHITE	NO	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
006	HORSE STABLES	HORSE STABLE HALL	4'-0"x7'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
007	TACK ROOM	HORSE STABLE HALL	3'-0"x7'-0"	3	HOLLOW METAL	WHITE	NO	TBD - CLIENT		INTERIOR DOOR
008	HORSE STABLES	HORSE STABLE HALL	4'-0"x7'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
009	HORSE STABLES	HORSE STABLE HALL	4'-0"x7'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
010	FEED ROOM	HORSE STABLE HALL	3'-0"x7'-0"	3	HOLLOW METAL	WHITE	NO	TBD - CLIENT		INTERIOR DOOR
011	HORSE STABLES	HORSE STABLE HALL	4'-0"x7'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
012	HORSE STABLE HALL	OUTSIDE	3'-0"x8'-0"	1	ALUMINUM	WHITE	NO	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
013	OFFICE HALL	OUTSIDE	6'-0"x8'-0"	2	ALUMINUM	WHITE	YES - FROSTED	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
014	CONCESSIONS	OUTSIDE	3'-0"x8'-0"	1	ALUMINUM	WHITE	NO	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
015	CONCESSIONS	OUTSIDE	9'-0"x8'-0"	7	STEEL	WHITE	NO	TBD - CLIENT		IMPACT RATED OVERHEAD ROLLING DOOR
016	CONCESSIONS	OUTSIDE	9'-0"x8'-0"	7	STEEL	WHITE	NO	TBD - CLIENT		IMPACT RATED OVERHEAD ROLLING DOOR
017	OFFICE-2	OFFICE HALL	3'-0"x7'-0"	3	HOLLOW METAL	WHITE	YES - FROSTED	TBD - CLIENT		INTERIOR DOOR
018	OFFICE-1	OFFICE HALL	3'-0"x7'-0"	3	HOLLOW METAL	WHITE	YES - FROSTED	TBD - CLIENT		INTERIOR DOOR
019	HALL	STORAGE OF EQUIPMENT	3'-4"x7'-0"	3	HOLLOW METAL	WHITE	NO	TBD - CLIENT	1-HOUR	INTERIOR DOOR
020	RACK SPACE	OFFICE HALL	3'-0"x7'-0"	3	HOLLOW METAL	WHITE	NO	TBD - CLIENT		INTERIOR DOOR
021	BATH ROOM	OFFICE HALL	3'-0"x7'-0"	3	HOLLOW METAL	WHITE	NO	TBD - CLIENT		INTERIOR DOOR
022	CLIMATE CONTROLLED STORAGE	OUTSIDE	6'-4"x8'-0"	2	ALUMINUM	WHITE	NO	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
023	COMMUNITY SERVICES STORAGE	OUTSIDE	8'-0"x8'-0"	7	STEEL	WHITE	NO	TBD - CLIENT		IMPACT RATED OVERHEAD ROLLING DOOR
024	COMMUNITY SERVICES STORAGE	STORAGE OF EQUIPMENT	3'-4"x7'-0"	4	HOLLOW METAL	WHITE	NO	TBD - CLIENT		INTERIOR DOOR
025	MEN'S RESTROOM	OUTSIDE	4'-0"x7'-0"	1	ALUMINUM	WHITE	NO	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
026	RESTROOM VESTIBULE	OUTSIDE	12'-8"x8'-0"	5	ALUMINUM	BLACK	NO	TBD - CLIENT		GATE TO MATCH EXISTING FENCING ON SITE - 2 PANEL SLIDING
027	WOMEN'S RESTROOM	OUTSIDE	4'-0"x7'-0"	1	ALUMINUM	WHITE	NO	TBD - CLIENT		IMPACT RATED ALUMINUM ENTRY DOOR
028	CHASE SPACE	STORAGE OF EQUIPMENT	3'-0"x7'-0"	3	HOLLOW METAL	WHITE	NO	TBD - CLIENT		INTERIOR DOOR
029	OUTSIDE	HORSE STABLE	8'-0"x8'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
030	OUTSIDE	HORSE STABLE	8'-0"x8'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
031	OUTSIDE	HORSE STABLE	8'-0"x8'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
032	OUTSIDE	HORSE STABLE	8'-0"x8'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR
033	OUTSIDE	HORSE STABLE	8'-0"x8'-0"	6	TBD	WOOD	NO	TBD - CLIENT		HORSE STABLE DOOR - TBD BY CONTRACTOR

NOTES:

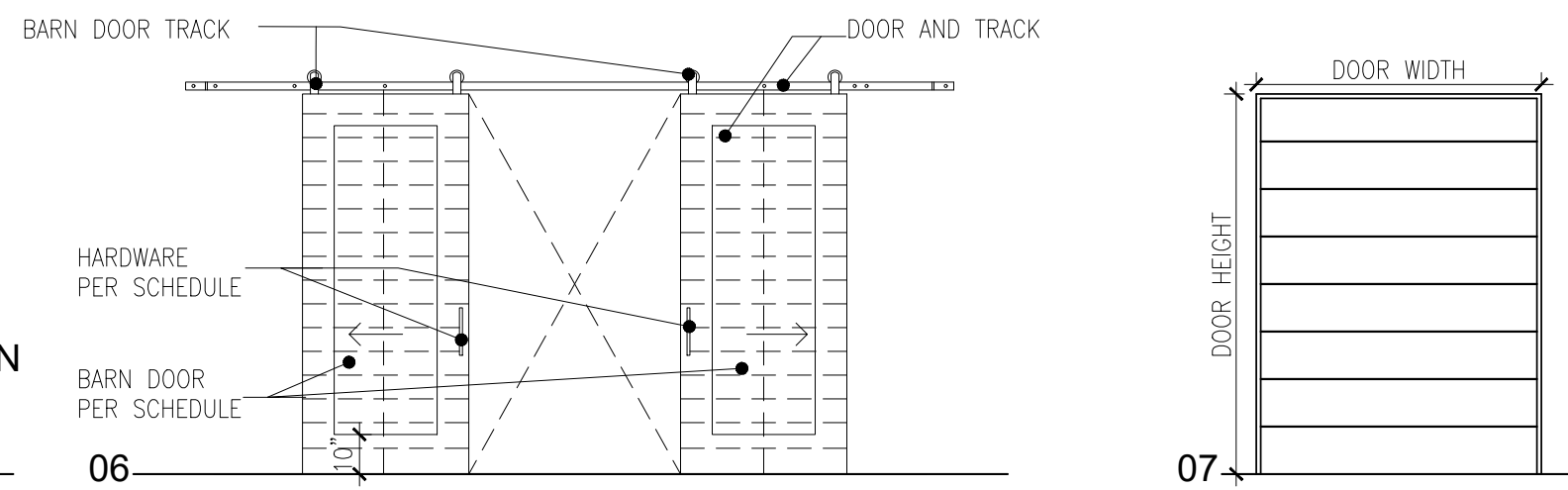
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DOOR TYPES

* = REFER TO DOOR SCHEDULE FOR SIZE & GLAZING REQUIREMENT



GATE TO MATCH
EXISTING FENCING ON
SITE



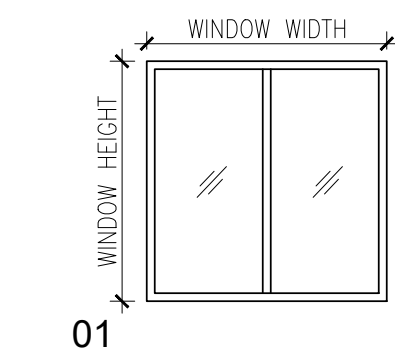
SYMBOLS		GLAZING TYPES		GENERAL NOTES	
	TEMPERED SAFETY GLASS			- CONTRACTOR SHALL VERIFY SPECIFIC ROUGH OPENING SIZES PRIOR TO ORDERING ALL WINDOWS AND DOORS. - REFER TO EXTERIOR ELEVATIONS, A311 SERIES, FOR EXTERIOR FINISH SCHEDULE. - ALL DOOR GLAZING, SIDELIGHTS, AND TRANSITIONS TO BE TEMPERED SAFETY GLASS WHETHER NOTED OR NOT. - ANY HOLLOW METAL FRAME IN CONTACT WITH ANY WET AREAS SHALL BE GALVANIZED MIN. G-60 WHETHER NOTED OR NOT. - EGRESS DOORS TO THE EXTERIOR, TO A STAIRWELL, OR TO EXIT PASSAGEWAY SHALL RECEIVE A TACTILE SIGN STATING "EXIT" ADJACENT TO THE DOOR. - ANY ENTRY DOORS WITH DEADBOLT TO RECEIVE A SIGN ON OR ADJACENT TO THE DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." THE SIGN SHALL BE IN LETTERS 1" HIGH ON A CONTRASTING BACKGROUND.	
ALUM.	ALUMINUM, FINISHED BY MANUFACTURER.				
HM	HOLLOW METAL, PAINTED.				
SWD	SOLID WOOD DOOR.				
HWD	HOLLOW WOOD DOOR.				

WINDOW SCHEDULE

WINDOW NO. ◀10▶	WINDOW	FRAME				DETAILS							WINDOW NO.
	NOMINAL SIZE	TYPE	MANUFACTURER	MODEL	MATERIAL	HEAD	JAMB	INTER.	SILL	GLAZING	REMARKS		
001	5'-0"x4'-0"	1	CGI WINDOWS & DOORS	SENTINEL SERIES	ALUMINUM	PER NOA	PER NOA	PER NOA	4'-0"	YES	INTERIOR WINDOW FROM OFFICE HALL TO PUBLIC WORKS STORAGE	001	
002	5'-0"x4'-0"	1	CGI WINDOWS & DOORS	SENTINEL SERIES	ALUMINUM	PER NOA	PER NOA	PER NOA	4'-0"	YES	INTERIOR WINDOW FROM OFFICE HALL TO PUBLIC WORKS STORAGE	002	
002	5'-0"x4'-0"	1	CGI WINDOWS & DOORS	SENTINEL SERIES	ALUMINUM	PER NOA	PER NOA	PER NOA	4'-0"	YES	IMPACT RATED HORIZONTAL SLIDER WINDOW W/ SCREEN	003	

WINDOW TYPES

* = REFER TO WINDOW SCHEDULE FOR SIZE



SYMBOLS		GLAZING TYPES		ABBREVIATIONS		GENERAL NOTES	
	TEMPERED GLASS					- CONTRACTOR SHALL VERIFY SPECIFIC ROUGH OPENING SIZES PRIOR TO ORDERING ALL WINDOWS. - REFER TO EXTERIOR ELEVATIONS, A311 SERIES, FOR EXTERIOR FINISH SCHEDULE. - ALL GLAZING DIRECTLY ADJACENT TO DOORS TO BE TEMPERED SAFETY GLASS WHETHER NOTED OR NOT. - SHUTTERS TO BE PROVIDED BY OTHERS FOR HORSE STABLE WINDOW OPENINGS AND EXTERIOR BARN DOOR OPENING.	
HM	HOLLOW METAL						
WD	SOLID CORE WOOD DOOR.						
ALUM	ALUMINUM.						
PTD	PAINTED, REFER TO FINISH SCHEDULE.						
MANUF	FACTORY APPLIED FINISH, REFER TO FINISH SCHEDULE.						
STN	STAINED, REFER TO FINISH SCHEDULE.						
STL	STEEL						
S	SMOKE LABELED / SEALED						

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Expiration Date 02/28/2019
COA #: 30945

Consultants:

STRUCTURAL ENGINEER:
Meridian Engineering LLC

CIVIL ENGINEER:
Perez Engineering & Development

IRRIGATION:
Blue Island Lighting & Irrigation Inc.

Submissions:

DATE/PHASE
2018.05.14 - SD Submittal Set
2018.05.15 - HARC Submittal Set
2018.05.18 - City Review Set
2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size 24x36 Project # 18070

Drawn By: RV Checked By: AA

Title:

DOOR
AND
WINDOW
SCHEDULE

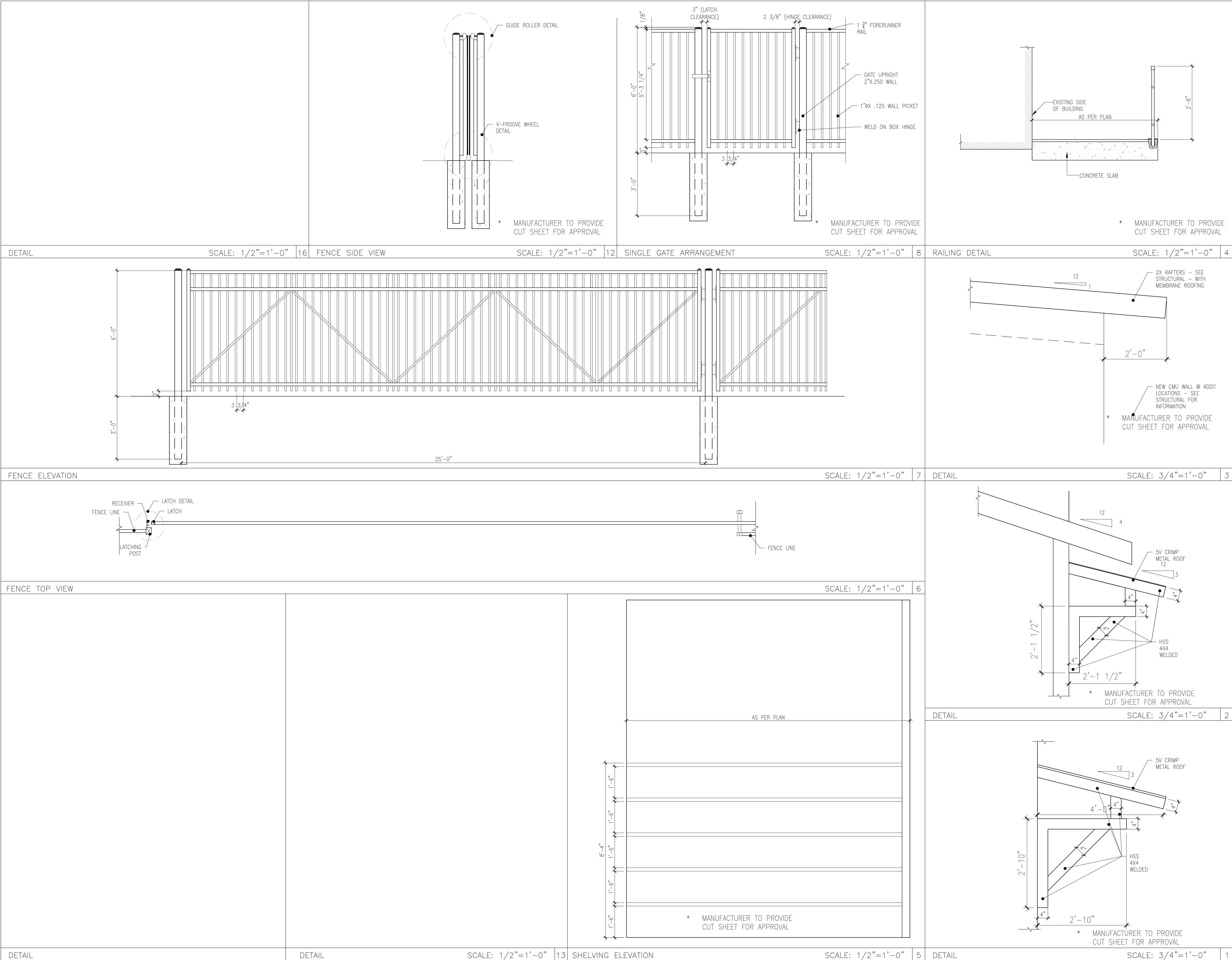
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COA: 30945

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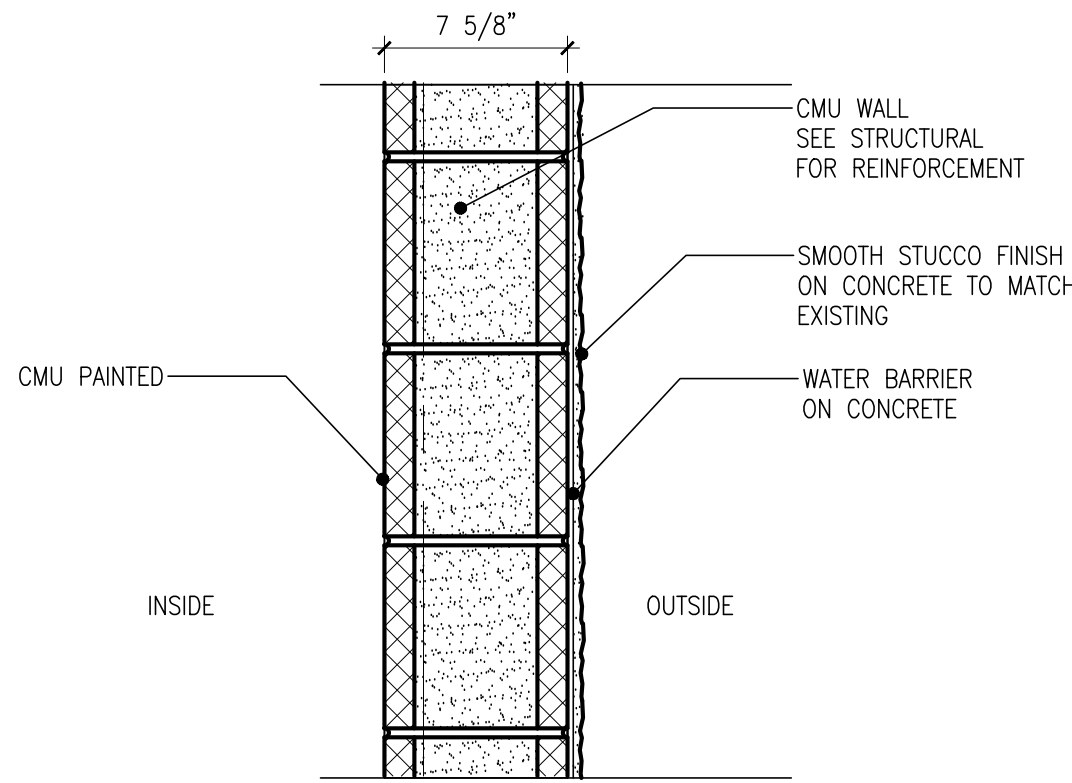
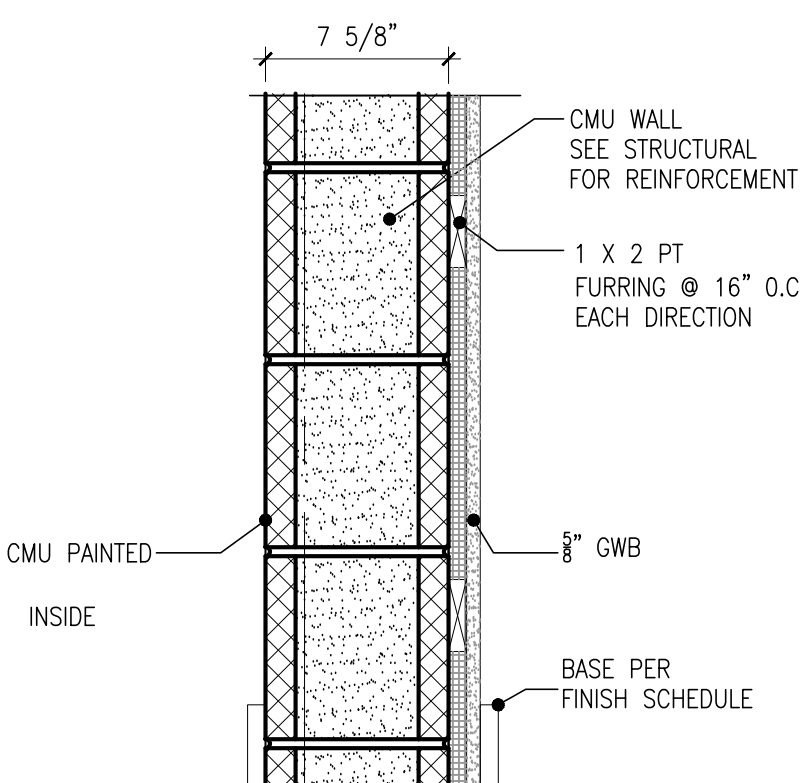
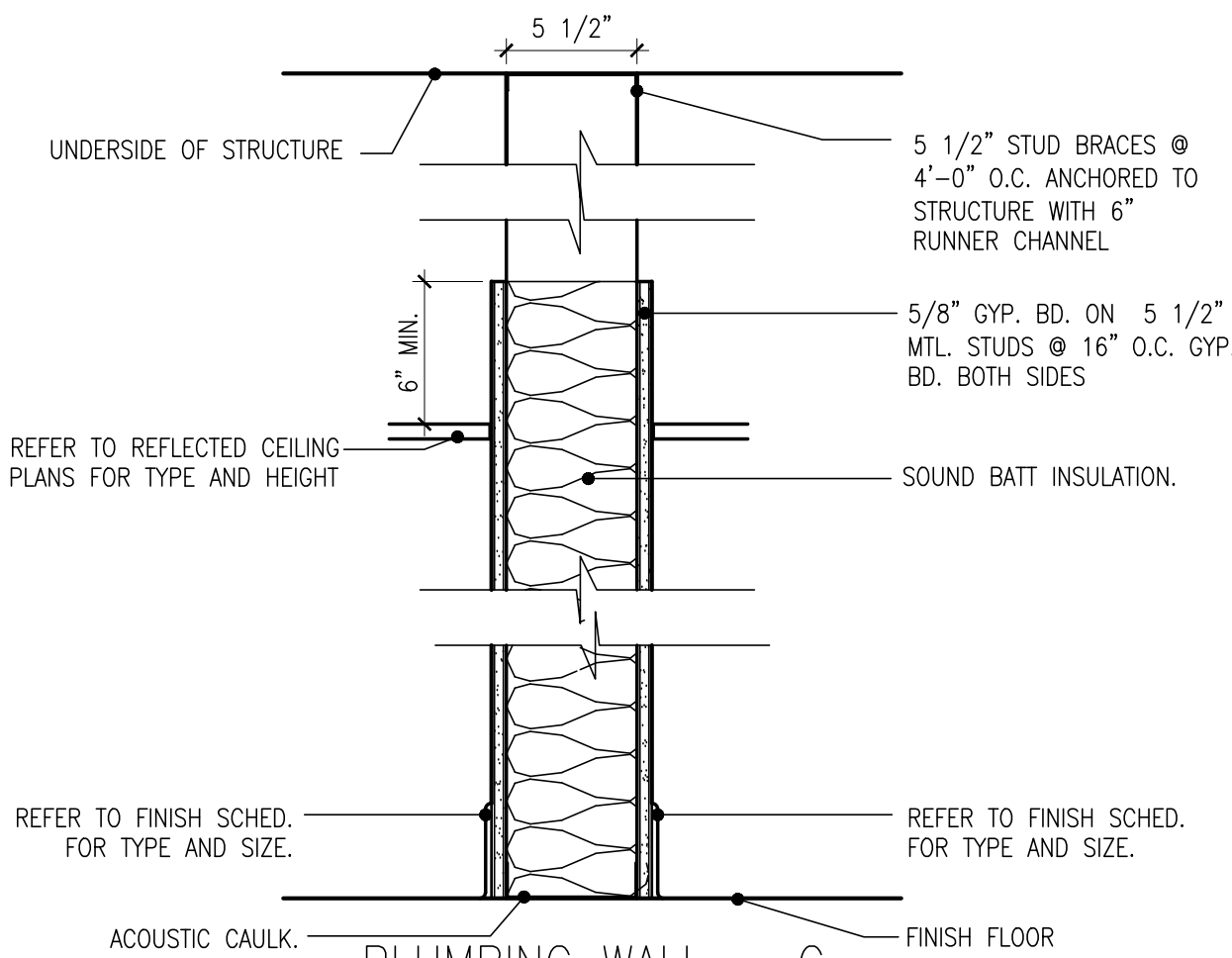
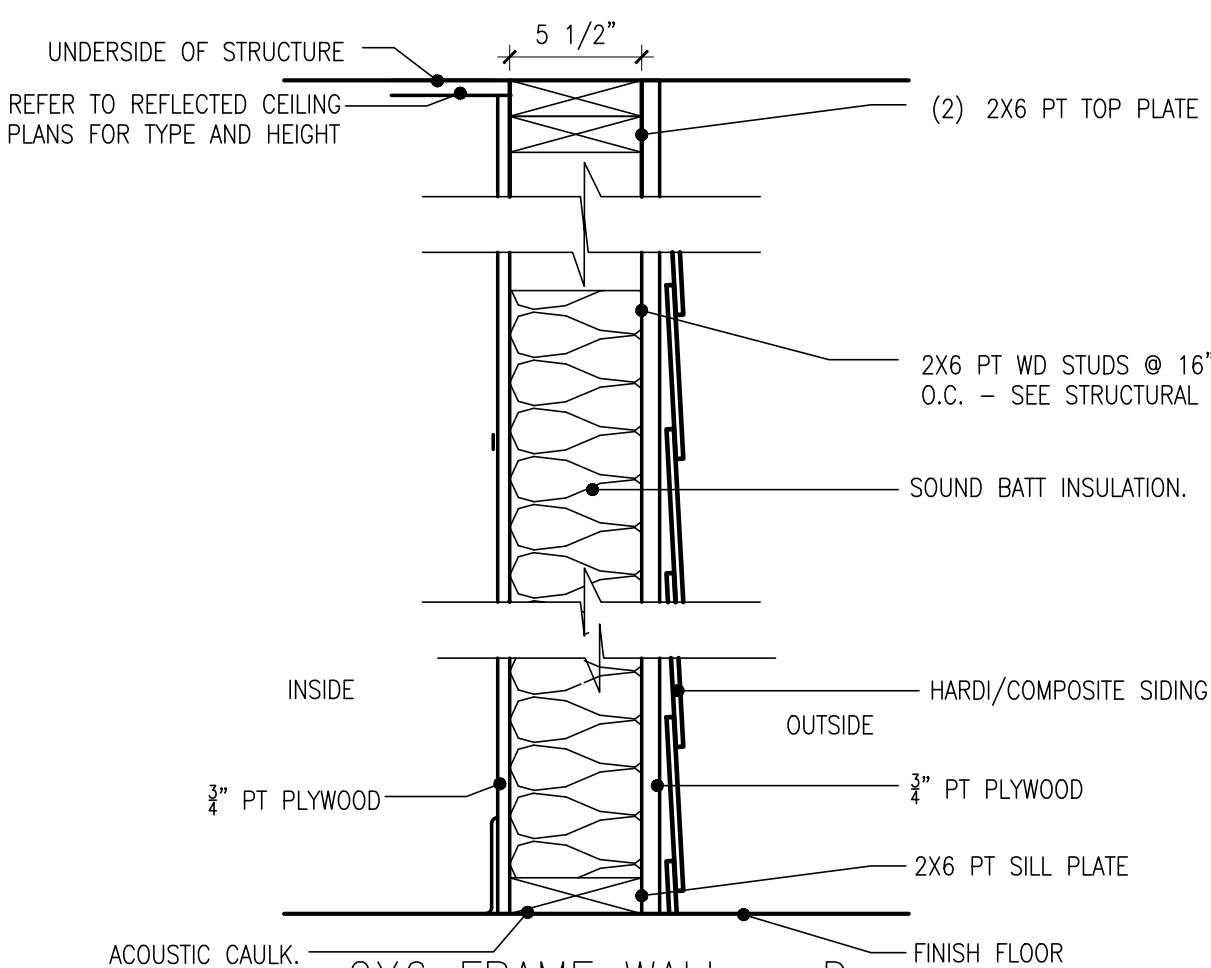
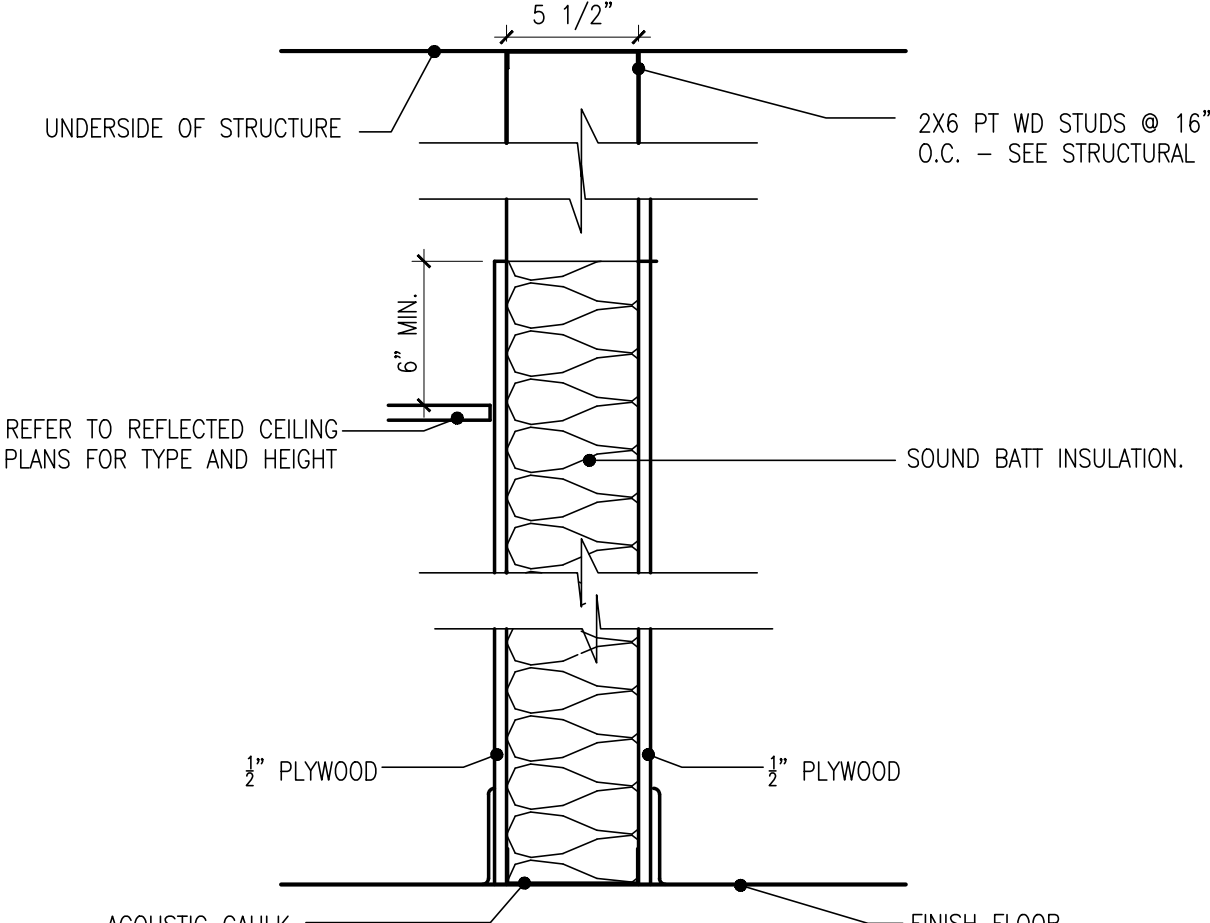
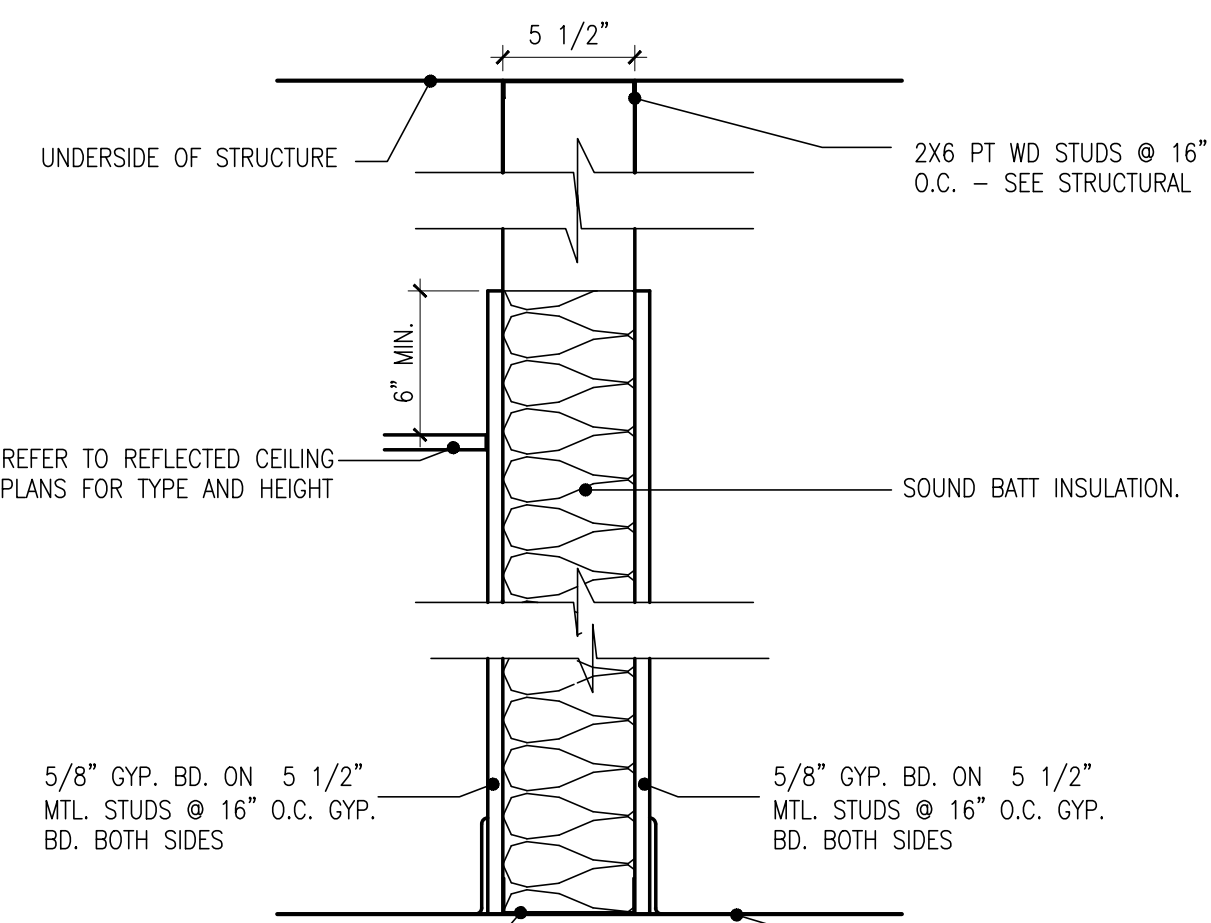
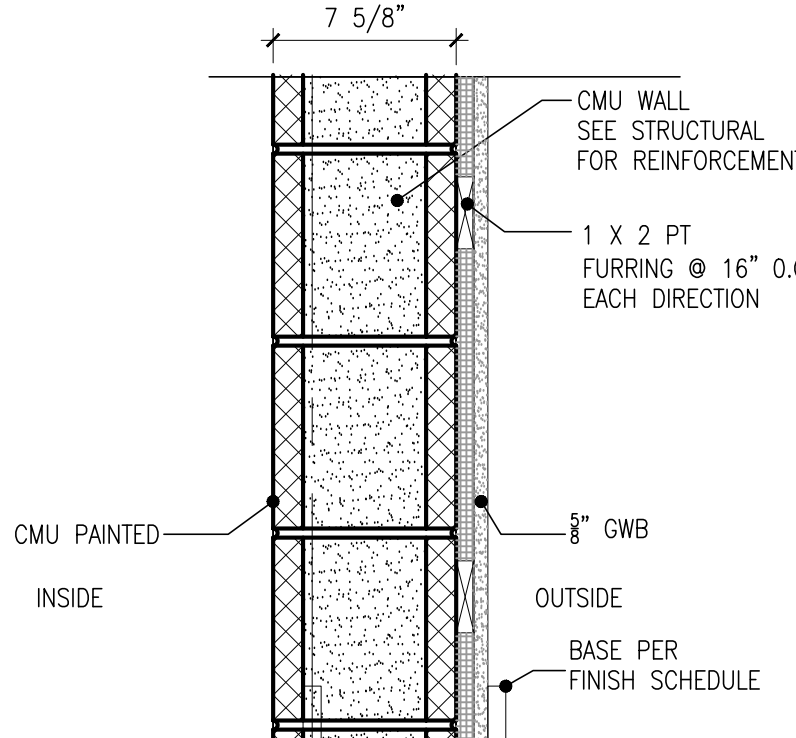
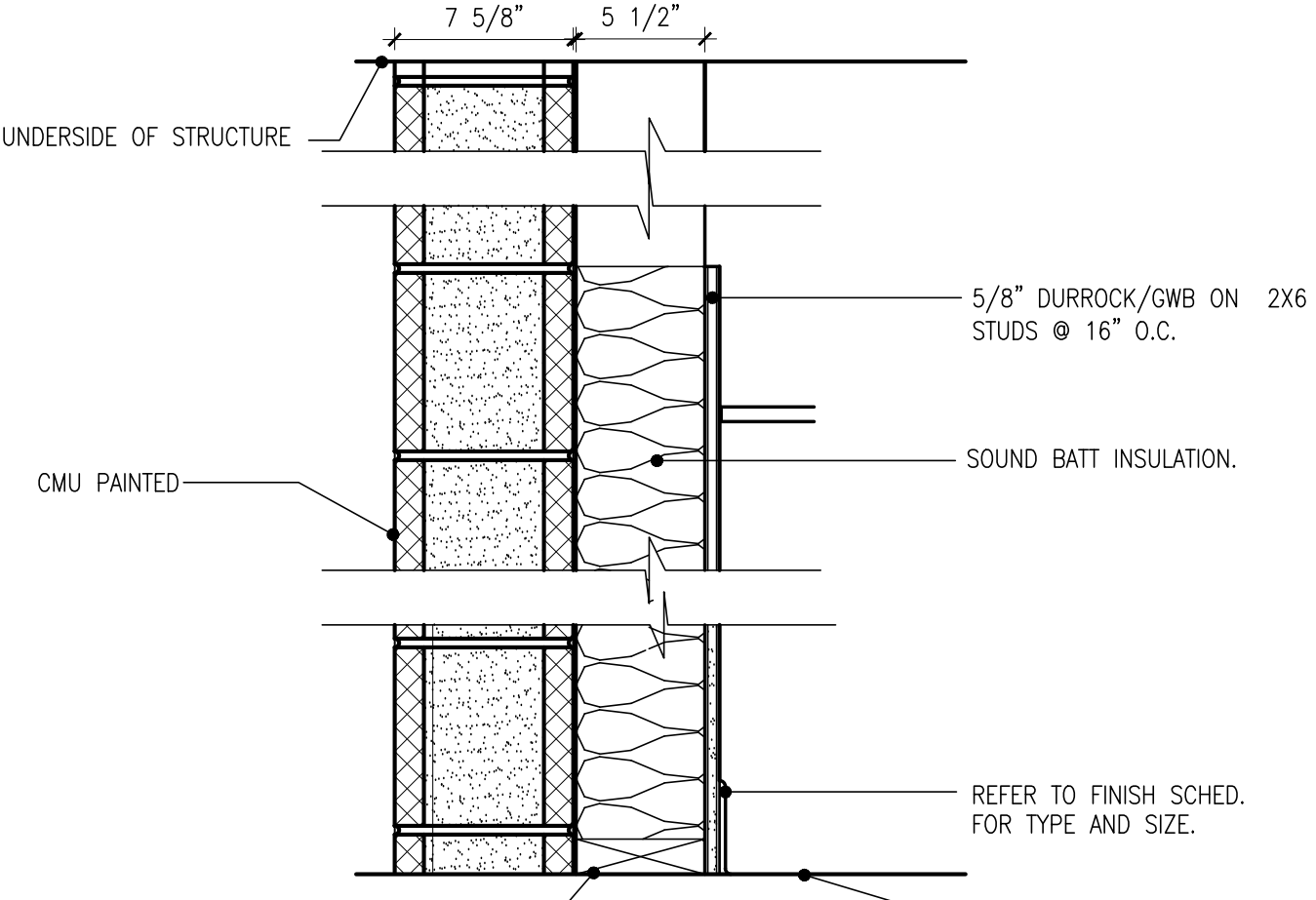
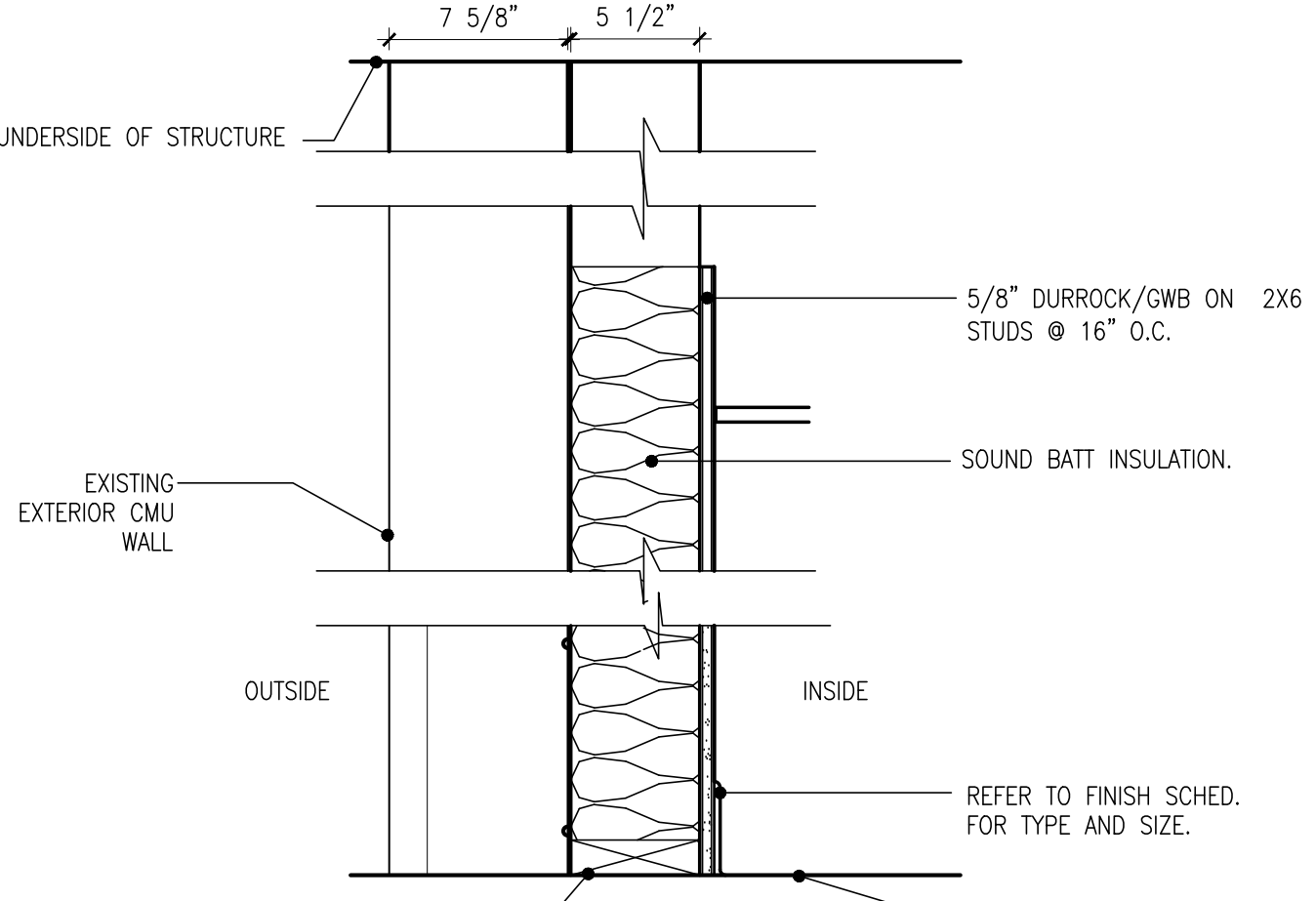
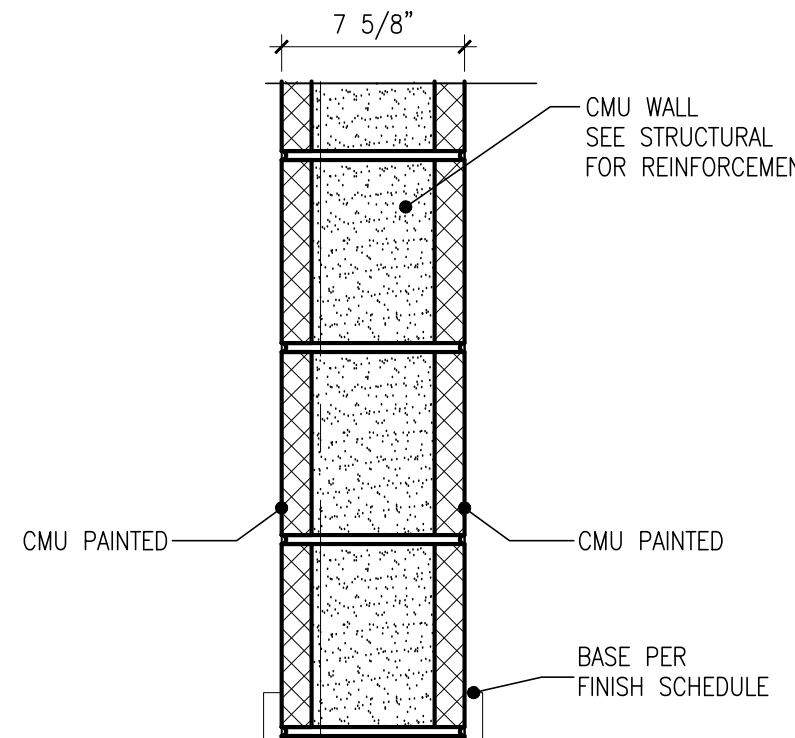
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 CMU WALL - A	WALL TYPE - A	SCALE: 1/2"=1'-0"	16	 CMU WALL - B	WALL TYPE - B	SCALE: 1/2"=1'-0"	12	 PLUMBING WALL - C	WALL TYPE -C	SCALE: 1/2"=1'-0"	8	 2X6 FRAME WALL - D	WALL TYPE - D	SCALE: 1/2"=1'-0"	4
 2X6 FRAME WALL- E	WALL TYPE - E	SCALE: 1/2"=1'-0"	15	 2X6 FRAME WALL- F	WALL TYPE - F	SCALE: 1/2"=1'-0"	11	* MANUFACTURER TO PROVIDE CUT SHEET FOR APPROVAL	WALL TYPE - G	SCALE: 1/2"=1'-0"	7	 CMU WALL - H	WALL TYPE - H	SCALE: 1/2"=1'-0"	3
 PLUMBING WALL- J	WALL TYPE - J	SCALE: 1/2"=1'-0"	14	 PLUMBING WALL- K	WALL TYPE - K	SCALE: 1/2"=1'-0"	10	 CMU WALL - L	WALL TYPE - L	SCALE: 1/2"=1'-0"	6	* MANUFACTURER TO PROVIDE CUT SHEET FOR APPROVAL	WALL TYPE - M	SCALE: 1/2"=1'-0"	2
* MANUFACTURER TO PROVIDE CUT SHEET FOR APPROVAL	WALL TYPE - N	SCALE: 1/2"=1'-0"	13	DETAIL	WALL TYPE - N	SCALE: 1/2"=1'-0"	9	DETAIL	WALL TYPE -E	SCALE: 1/2"=1'-0"	5	WALL TYPE -E	WALL TYPE -E	SCALE: 1/2"=1'-0"	1

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WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

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24x36 | 18070

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WALL TYPES
AND
INTERIOR DETAILS

Sheet Number:

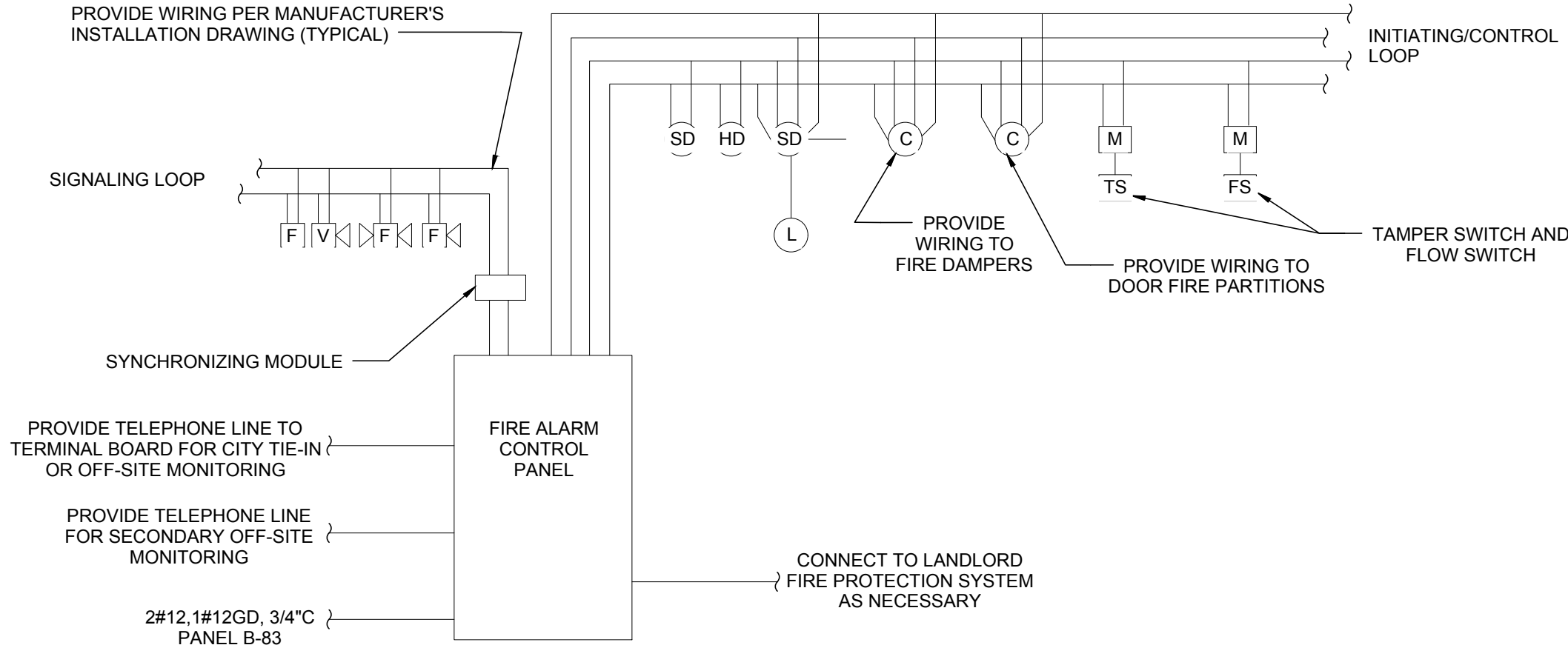
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ABBREVIATIONS	
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AL	ALUMINUM
BAS	BUILDING AUTOMATION SYSTEM
CF	CEILING FAN
CU	COPPER
DDC	DIRECT DIGITAL CONTROL
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
EM	EMERGENCY LIGHTING
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
GC	GENERAL CONTRACTOR
GFCI/GFI	GROUND FAULT CIRCUIT INTERRUPTER
GR	GROUND
IG	ISOLATED GROUND
HD	HAND DRYER
LTG	LIGHTING
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MIN	MINIMUM
MLO	MAIN LUG ONLY
NL	NIGHT LIGHT
PC	PLUMBING CONTRACTOR
PNLBD	PANELBOARD
RC	REFRIGERATION CONTRACTOR
RCPTS	RECEPTACLES
REF	REFERENCE
RH	RADIANT HEATER
RTU	ROOF TOP UNIT
SC	SECURITY CAMERA
TYP	TYPICAL
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
WH	WATER HEATER
WP	WEATHER PROOF COVERPLATE
WR	WEATHER RESISTANT RECEPTACLE
XFMR	TRANSFORMER

ELECTRICAL SYMBOLS	
(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)	
SYMBOL	DESCRIPTION
	INCANDESCENT OR HID FIXTURE (WALL MOUNTED / CEILING MOUNTED)
	PENDANT LIGHT
	CEILING LIGHT FIXTURE
	CEILING LIGHT FIXTURE, NIGHT LIGHT
	DOWN LIGHT FIXTURE (STANDARD / NIGHT LIGHT)
	EXIT FIXTURE (WALL MOUNTED / CEILING MOUNTED) (SHADED QUADRANT DENOTES LIT FACE)
	UTILITY LIGHT
	TRACK LIGHT
	EMERGENCY FIXTURE
	SWITCH, SINGLE POLE
	SWITCH, OCCUPANCY SENSOR
	SWITCH, BI-LEVEL OCCUPANCY SENSOR
	OCCUPANCY SENSOR, CEILING MOUNTED
	SWITCH, 3-WAY
	SWITCH, 4-WAY
	SWITCH, DIMMER
	SWITCH, MANUAL MOTOR
	SWITCH, TIMER
	SWITCH, 3-WAY TIMER
	SWITCH, KEYED
	RECEPTACLE, DUPLEX
	RECEPTACLE, DUPLEX, ISOLATED GROUND
	RECEPTACLE, DOUBLE DUPLEX
	RECEPTACLE, DOUBLE DUPLEX, ISOLATED GROUND
	RECEPTACLE, SIMPLEX
	RECEPTACLE, SIMPLEX, TWIST LOCK
	RECEPTACLE, SIMPLEX, TWIST LOCK, ISOLATED GROUND
	RECEPTACLE, DUPLEX, TWIST LOCK
	RECEPTACLE, DUPLEX, TWIST LOCK, ISOLATED GROUND
	RECEPTACLE, SPECIAL
	RECEPTACLE, DUPLEX (CEILING MOUNTED / FLOOR MOUNTED)
	RECEPTACLE, DUPLEX, FLOOR MOUNTED, ISOLATED GROUND
	RECEPTACLE, SPECIAL, FLOOR MOUNTED
	RECEPTACLE, PLUG-MOLD
	JUNCTION BOX
	ALARM JUNCTION BOX
	REMOTE TEST/RESET JUNCTION BOX
	DISCONNECT (FUSED / NON-FUSED)
	CONDUIT SLEEVE
	PANEL (SURFACE / FLUSH MOUNTED)
	DATA (WALL / FLOOR MOUNTED)
	TELEPHONE (WALL / FLOOR MOUNTED)
	LOW VOLTAGE CABLE BOX FOR OTHER
	MOTOR
	TELEPOWER POLE
	PUSH BUTTON
	BUZZER
	SMOKE DETECTOR
	THERMOSTAT
	SPEAKER
	HORN / STROBE
	PANEL HOMERUN
	CIRCUIT
ANNOTATION	
	PLAN KEYNOTE
	CONNECTION POINT OF NEW WORK TO EXISTING
	DETAIL REFERENCE: UPPER NUMBER INDICATES DETAIL NUMBER, LOWER NUMBER INDICATES SHEET NUMBER
	SECTION CUT DESIGNATION



TYPICAL FIRE ALARM SYSTEM WIRING DIAGRAM

FIRE ALARM SYSTEM NOTES

- THIS DIAGRAM REPRESENTS A TYPICAL SYSTEM AND IS NOT INTENDED FOR INSTALLATION. SYSTEM SUPPLIER SHALL PROVIDE INSTALLATION DRAWINGS AND SCHEMATIC WIRING DIAGRAM TO LOCAL AHJ. EXACT SYSTEM REQUIREMENTS SHALL BE COORDINATED WITH THE SYSTEM SUPPLIER. INSTALLER SHALL BE NICET CERTIFIED.
- SYSTEM SUPPLIER SHALL SUPERVISE INSTALLATION, PROGRAM AND TEST SYSTEM, AND INSTRUCT OWNER ON SYSTEM OPERATION. IT IS FIRE ALARM CONTRACTOR'S RESPONSIBILITY TO INSTALL A SYSTEM THAT MEETS ALL LOCAL FIRE CODE REQUIREMENTS.
- ALL FIRE ALARM WIRING SHALL BE PLENUM RATED. EXPOSED FIRE ALARM WIRING, 10'-0" AFF AND BELOW SHALL BE INSTALLED IN CONDUIT TO ABOVE ACCESSIBLE CEILING SPACE OR STRUCTURE.
- ALL CONTROL CABINETS SHALL BE GROUNDED PER NEC REQUIREMENTS.
- COORDINATE CITY TIE-IN REQUIREMENTS WITH LOCAL AUTHORITY HAVING JURISDICTION.
- DEVICES THAT MAY BE SHOWN ON PLANS ARE TYPICAL LOCATIONS AND AMOUNTS. REVISE AS NECESSARY TO MEET LOCAL CODE REQUIREMENTS. THE FIRE ALARM SUBMITTAL IS TO BE A DEFERRED SUBMITTAL THAT IS SUBMITTED BY THE FIRE ALARM SYSTEM SUPPLIER.
- FIRE ALARM SYSTEM SHALL BE SIMPLEX, NOTIFIER, FCI, SIEMENS, OR GAMEWELL.
- INSTALL FIRE ALARM PULL STATION AT EACH EXIT.
- INSTALL SMOKE DETECTOR IN EACH ROOM, HORN/STROBE IN EACH CORRIDOR AND EGRESS PATH, AND DUCT SMOKE DETECTORS FOR EACH RTU.
- FIRE ALARM SYSTEM SUPPLIER TO PROVIDE ALL MATERIALS NECESSARY TO MAKE A FULLY OPERATIONAL AND CODE COMPLIANT SYSTEM.
- SUPPLIER AND INSTALLER TO FOLLOW ALL NFPA 72 AND NFPA 13 REQUIREMENTS AND ANY AMENDMENTS BY LOCAL JURISDICTION.
- FACP SHALL HAVE A MINIMUM 24 HR BATTERY BACKUP.
- FACP SHALL BE FULLY ANALOG ADDRESSABLE.

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10/16/2018

10/16/2019

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TRUMAN WATERFRONT 1B

CITY OF KEY WEST

WATERFRONT PARK

CITY OF KEY WEST

1300 White Street, Key West, FL, 33040

PLOTTED: 10/16/2018 8:23 AM

Drawing Size | Project #
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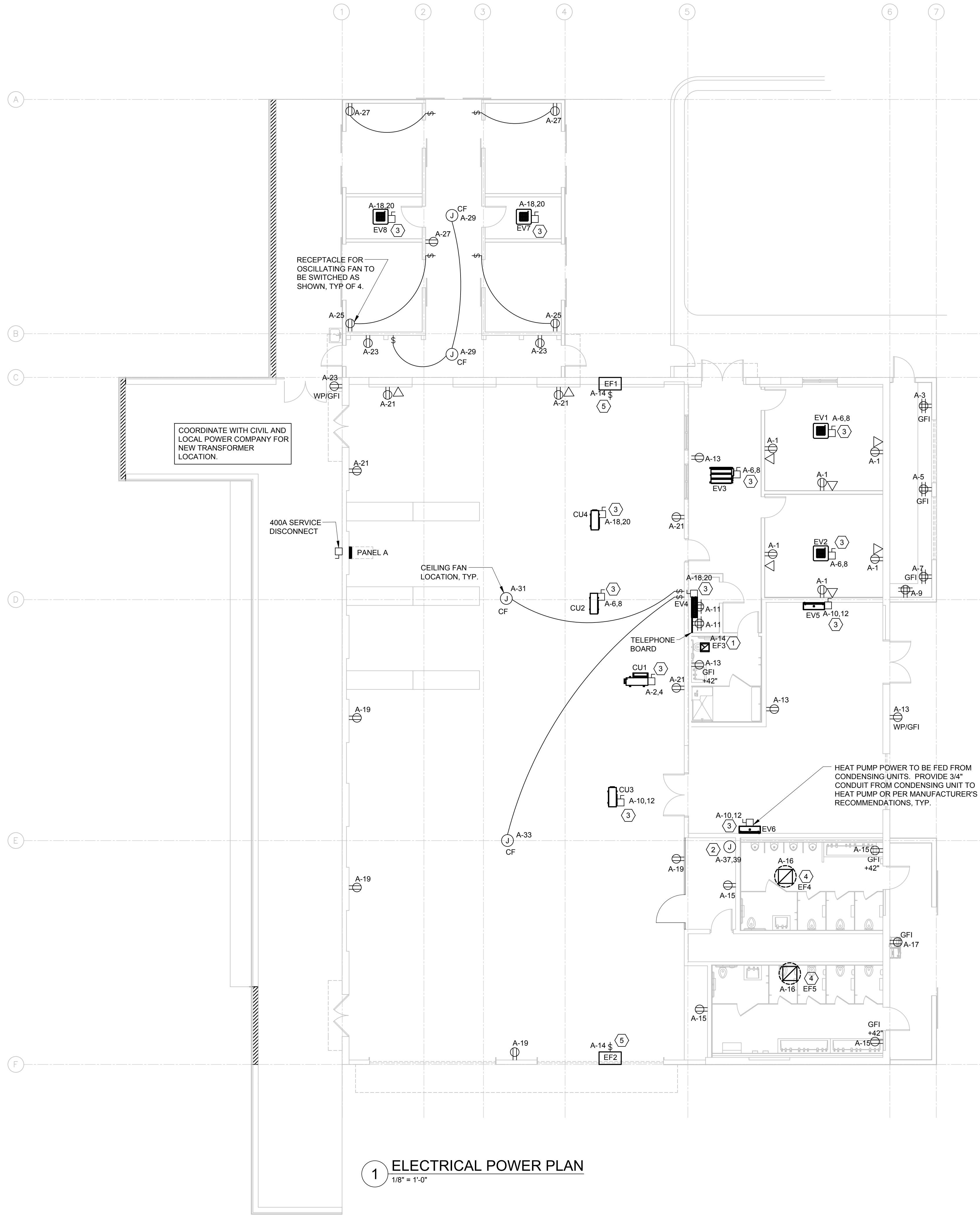
Title:
ELECTRICAL
NOTES AND
SPECIFICATIONS

Sheet Number:
E0.1.1

Date: October 23, 2018

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1 ELECTRICAL POWER PLAN
1/8" = 1'-0"

GROUND WIRE SIZING CHART

BRKR AMPS		WIRE SIZE					
15-20	PHASE	12	10	8	6	4	
	GROUND	12	10	8	6	4	
25-30	PHASE	10	8	6	4	3	
	GROUND	10	8	6	4	3	
35-50	PHASE	8	6	4	3	2	
	GROUND	10	8	4	4	4	
60	PHASE	6	4	3	2	1	
	GROUND	10	6	6	4	4	
70	PHASE	6	4	3	2	1	
	GROUND	8	4	4	3	2	
80-90	PHASE	4	3	2	1	1/0	
	GROUND	8	6	4	4	3	
100	PHASE	3	2	1	1/0	2/0	
	GROUND	8	6	4	4	3	

PER NEC 250.122(B)

GENERAL NOTES

- PROVIDE SEALS AT RACEWAY PENETRATIONS TO THE EXTERIOR. REFER TO ARCHITECTURAL DOCUMENTS FOR SEALING REQUIREMENTS AT ALL EXTERIOR MOUNTED DEVICES, FIXTURES, ENCLOSURES AND RACEWAY PENETRATIONS.
- PROVIDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR (SIZE PER NEC) IN PVC TYPE CONDUIT, POWER CIRCUITS, ISOLATED GROUND CIRCUITS, OR AS SHOWN ON PLANS. CONDUIT SHALL BE SIZED PER NEC BASED ON THWN 600 VOLT COPPER SINGLE CONDUCTORS, PLUS THE EQUIPMENT GROUNDING CONDUCTOR.
- WIRING DEVICES: DEVICE MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTER OF OUTLET BOX UNLESS NOTED OTHERWISE ON PLANS. COORDINATE THE STANDARD MOUNTING HEIGHTS WITH MASONRY:
 - SWITCHES +46"
 - RECEPTACLES +20"
 - VOICE/DATA +20"
- WIRING SHALL INCLUDE FINAL CONNECTION TO ALL EQUIPMENT IN CONFORMANCE WITH EQUIPMENT SUPPLIER WIRING DIAGRAMS.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING COMPLETE PANELBOARD IDENTIFICATION SCHEDULES. SCHEDULES SHALL IDENTIFY THE USE OF LOAD SERVED FOR EACH CIRCUIT AND THE DEVICE OR EQUIPMENT THE PANEL IS FED FROM.
- BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE IN SCHEDULES. WHERE 20A BRANCH CIRCUITS HAVE #8 AND LARGER WIRE SPECIFIED, #10 AWG WIRE SHALL BE USED FOR THE FINAL CONNECTION (15-FT MAXIMUM).
- WHERE BRANCH CIRCUITS ARE GROUPED, SIZE CONDUIT AND DERATE CURRENT CARRYING CONDUCTORS PER NEC.
- PROVIDE HANDLE TIES ON ALL MULTI-WIRE BRANCH CIRCUITS TO MEET NEC REQUIREMENTS.
- CONDUITS EXTENDING BEYOND EXTERIOR WALL: STUB OUT 2'-0" BELOW GRADE TO 5'-0" BEYOND EXTERIOR WALLS UNLESS NOTED OTHERWISE. COORDINATE LOCATION AND PROVIDE CONNECTION TO SITE CONDUITS.
- SUPPORTS FROM STRUCTURE: NO ATTACHMENT OF ANY TYPE SHALL BE MADE TO BRIDGING OR JOIST WEB MEMBERS. UTILIZE ONLY THE TOP AND BOTTOM CHORDS FOR SUPPORTING THE ELECTRICAL SYSTEM INSTALLATIONS.
- ALL ATTACHMENTS TO STRUCTURE ARE TO BE MADE IN CONFORMANCE WITH LOCAL REQUIREMENTS. NO ATTACHMENT TO THE METAL DECOR OR CONCRETE SHALL BE ALLOWED.
- PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND WIRING FROM DISCONNECT SWITCH OR JUNCTION BOX TO EQUIPMENT KNOCKOUT OR ELECTRICAL CONNECTION POINT.
- UPON COMPLETION OF ELECTRICAL INSTALLATION AND PRIOR TO ENERGIZING CIRCUIT, INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE, PHYSICAL DAMAGE.

KEYNOTES

- CONNECT EXHAUST FAN TO LIGHT SWITCH CONTROLLING ROOM LIGHTING. ONLY CONNECT TO MOTOR RATED SWITCH.
- INSTALL JUNCTION BOX FOR WATER HEATER PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE FINAL LOCATION WITH PLUMBING PLANS.
- PROVIDE NEMA 1, 240V, 30A-2P NON-FUSED DISCONNECT FOR MAINTENANCE.
- CONNECT EXHAUST FAN TO TIMER. FAN TO BE POWERED FROM LIGHTS IN ROOM. REFER TO MECHANICAL SCHEDULE.
- EXHAUST FAN TO BE CONTROLLED BY THERMOSTAT, REFER TO MECHANICAL PLANS FOR LOCATION. FURNISH AND INSTALL SWITCH FOR DISCONNECTING MEANS.

FINAL ELECTRICAL UNDER
REVIEW BY KEYS ENERGY

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2018.05.14 - SD Submittal Set
2018.05.15 - HARC Submittal Set
2018.05.18 - City Review Set
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TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST

1300 White Street, Key West, FL, 33040

PLOTTED: 10/16/2018 8:23 AM

Drawing Size | Project #
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Drawn By: JMC | Checked By: JDL

Title:

ELECTRICAL
POWER PLAN

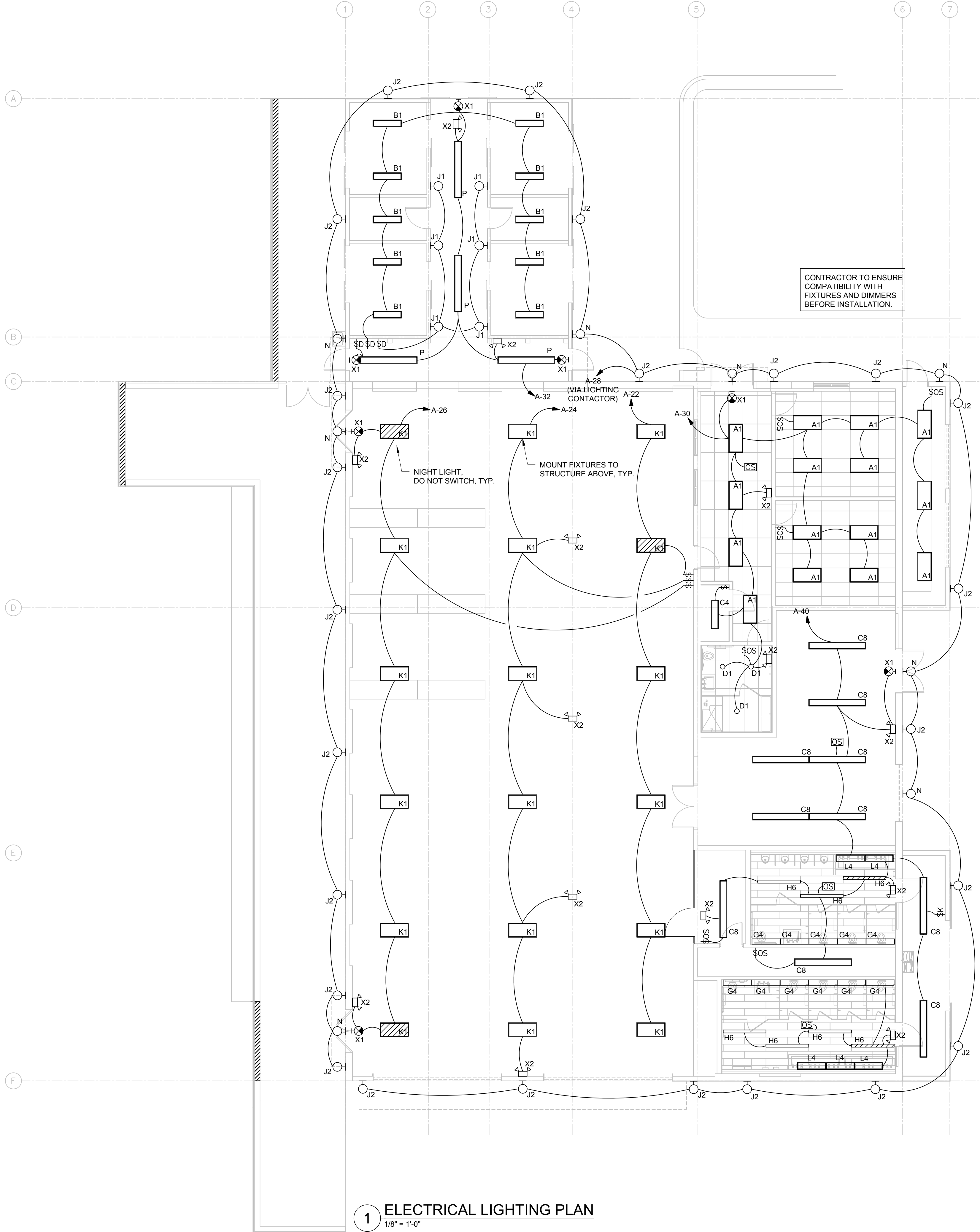
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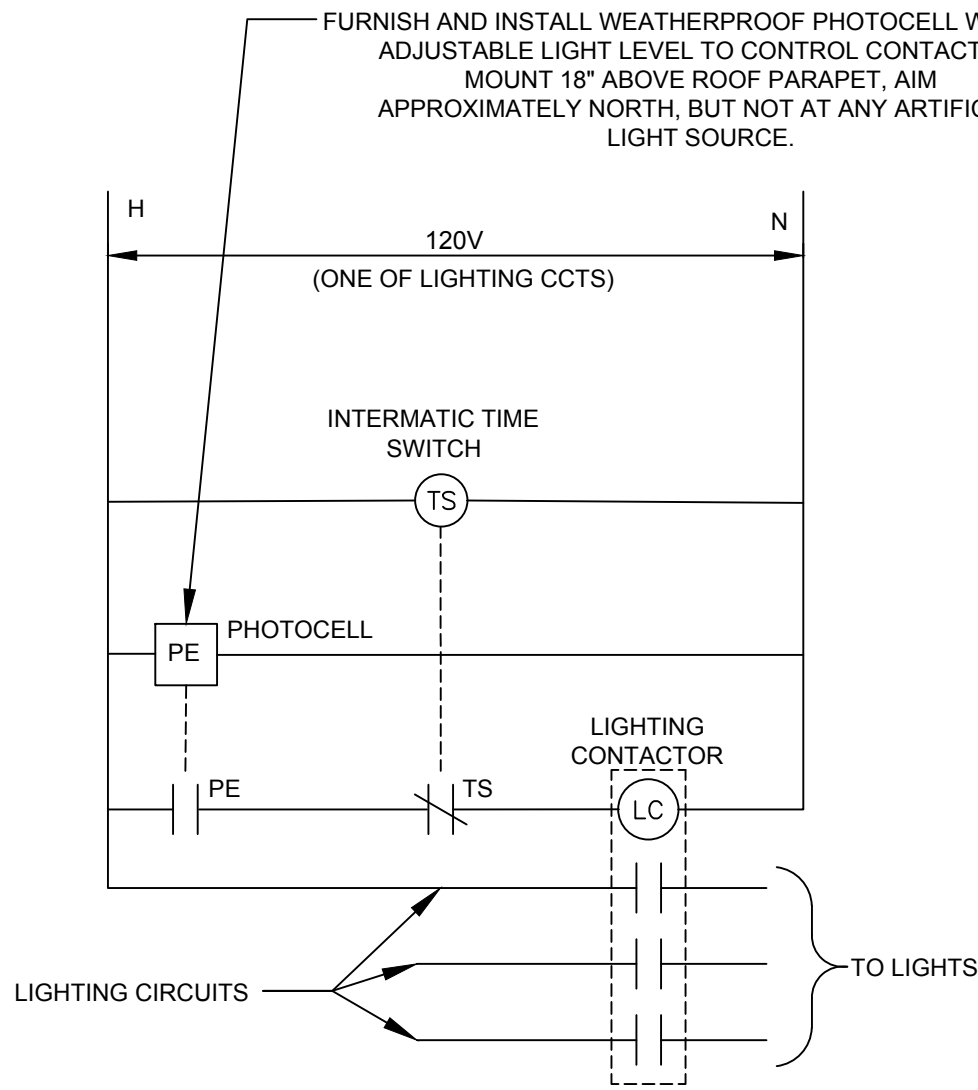
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LIGHTING FIXTURE SCHEDULE								
TYPE	VENDOR	FURNISHED BY	CATALOG NUMBER	VOLTS	WATTS	LAMP	MOUNTING	DESCRIPTION
A1	COLUMBIA	CONTRACTOR	CFP24-4135	MVOLT	41	INTEGRAL LED	LAY-IN	2' x 4' FLAT PANEL FIXTURE
B1	COLUMBIA	CONTRACTOR	LXEN4-35LW-RFA-ED-U	MVOLT	37	INTEGRAL LED	SURFACE	4' SURFACE MOUNT VAPORTITE
C4	COLUMBIA	CONTRACTOR	LCL4-35-ML-ED-U-CSHC	MVOLT	19	INTEGRAL LED	SURFACE	4' SURFACE MOUNT LENSED STRIP
C8	COLUMBIA	CONTRACTOR	LCL8-40HL-EU	MVOLT	38	INTEGRAL LED	SURFACE	8' SURFACE MOUNT LENSED STRIP
D1	PRESCOLITE	CONTRACTOR	LF6SL-6LFSL-15L35K8-B24	MVOLT	16	INTEGRAL LED	RECESSED	4" LED DOWNLIGHT
G4	FOCAL POINT	CONTRACTOR	FWSL-FL-450-35K-1C-UNV-LD1-U-WH-4'	MVOLT	42	INTEGRAL LED	COVE LIGHT	PERIMETER COVE WALL WASH
H6	FOCAL POINT	CONTRACTOR	FSM4L-FL-375LF-35K-1C-UNV-LD1-WH-6FT	MVOLT	26	INTEGRAL LED	RECESSED	4" RECESSED LINEAR STRIP
J1	HI-LITE	CONTRACTOR	H-7512-91/HL-D-91-LED-BCM-120V	MVOLT	12	INTEGRAL LED	WALL MOUNTED	INTERIOR WALL SCONCE
J2	HI-LITE	CONTRACTOR	H-7412-B-91-LED/20W-BCM-120V	MVOLT	12	INTEGRAL LED	WALL MOUNTED	EXTERIOR WALL SCONCE
K1	COLUMBIA	CONTRACTOR	LLHV-4-35M-WST-ED-U-SFAWG-LHVQM5	MVOLT	138	INTEGRAL LED	SUSPENDED	LED HIGH BAY
L4	SONNEMAN LIGHTING	CONTRACTOR	STIX PLUS/SATIN WHITE	MVOLT	26	INTEGRAL LED	SURFACE	4' VANITY FIXTURE
M	SENTRY SPORTS	CONTRACTOR	DRAWING REFERENCE #SC360X225-30SB-50FC	MVOLT	64.8KW TOTAL	INTEGRAL LED	POLE MOUNTED	SPORTS LIGHTING ON POLE
N	ACUITY	CONTRACTOR	AFN	MVOLT	10	INTEGRAL LED	SURFACE	EXTERIOR EMERGENCY LIGHT
P	LUMENWERX	CONTRACTOR	VSPLPDI-PYC-HLO-LED-80-750-500-35-8FT-UNV-D1-2-TF-55ALSA-AL	MVOLT	53	INTEGRAL LED	SUSPENDED	SUSPENDED DIRECT/INDIRECT
R	HINKLEY	CONTRACTOR	HARBOR 2571SK-LED	MVOLT	42	INTEGRAL LED	POST MOUNTED	POST MOUNTED FIXTURE
X1	ACUITY	CONTRACTOR	LQM-S-W-1-G-120/277-EL N-SD	MVOLT	1	INTEGRAL LED	SURFACE MOUNTED	EXIT SIGN (SINGLE FACE)
X2	ACUITY	CONTRACTOR	ELM2 LED	MVOLT	2	INTEGRAL LED	WALL	EMERGENCY LIGHT

GENERAL LIGHTING NOTES

- EXIT SIGN MOUNTING
 - WALL FIXTURE: CENTER 12" ABOVE DOOR OPENING.
 - CEILING/PENDANT FIXTURE: ON CEILING OR AT HEIGHT SPECIFIED ON DRAWINGS.
- EMERGENCY LIGHT INSTALLATION
FIXTURE MOUNTING
 - WALL FIXTURE: 12" BELOW FINISHED CEILING OR +10'-0" IN AREAS OF EXPOSED STRUCTURE, UNLESS NOTED OTHERWISE.
 - PENDANT FIXTURE: BOTTOM CHORD OF BAR JOIST OR AT HEIGHT SPECIFIED ON DRAWINGS.
 - REMOTE HEAD FIXTURE: HEADS CENTERED ABOVE DOOR OPENING +9'-0", UNLESS NOTED OTHERWISE AND BATTERY PACK MOUNTED ON INTERIOR SIDE OF WALL 12" BELOW FINISHED CEILING OR AT BAR JOIST IN AREAS OF EXPOSED STRUCTURE.
ELECTRICAL CONNECTION
 - REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS. ALLOW BATTERY TO CHARGE CONTINUOUSLY FOR A MINIMUM OF 168 HOURS BEFORE INITIAL TESTING.
 - AFTER EMERGENCY LIGHT HAS BEEN POWERED DO NOT TURN OFF FOR EXTENDED PERIODS OF TIME.
- EXIT SIGNS, EMERGENCY LIGHTS, AND NIGHT LIGHTS SHALL NOT BE SWITCHED.
- FURNISH AND INSTALL UNISTRUT AS REQUIRED TO MOUNT FIXTURE TO BAR JOIST.



- NOTES:
- CONTROL SHALL BE "ON" WITH PHOTOCELL, "OFF" WITH TIME SWITCH. VERIFY TIME SWITCH SETTING WITH OWNER.
 - FOR ACTUAL CIRCUITS CONTROLLED, AND CONTACTOR INFORMATION REFERENCE DRAWINGS.

2 TYPICAL LIGHTING CONTACTOR CONTROL DETAIL

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COA #: 30945

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CIVIL ENGINEER:
Perez Engineering &
Development

IRRIGATION:
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2018.09.18 - City Review Set

2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

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18070

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Title: ELECTRICAL LIGHTING PLAN

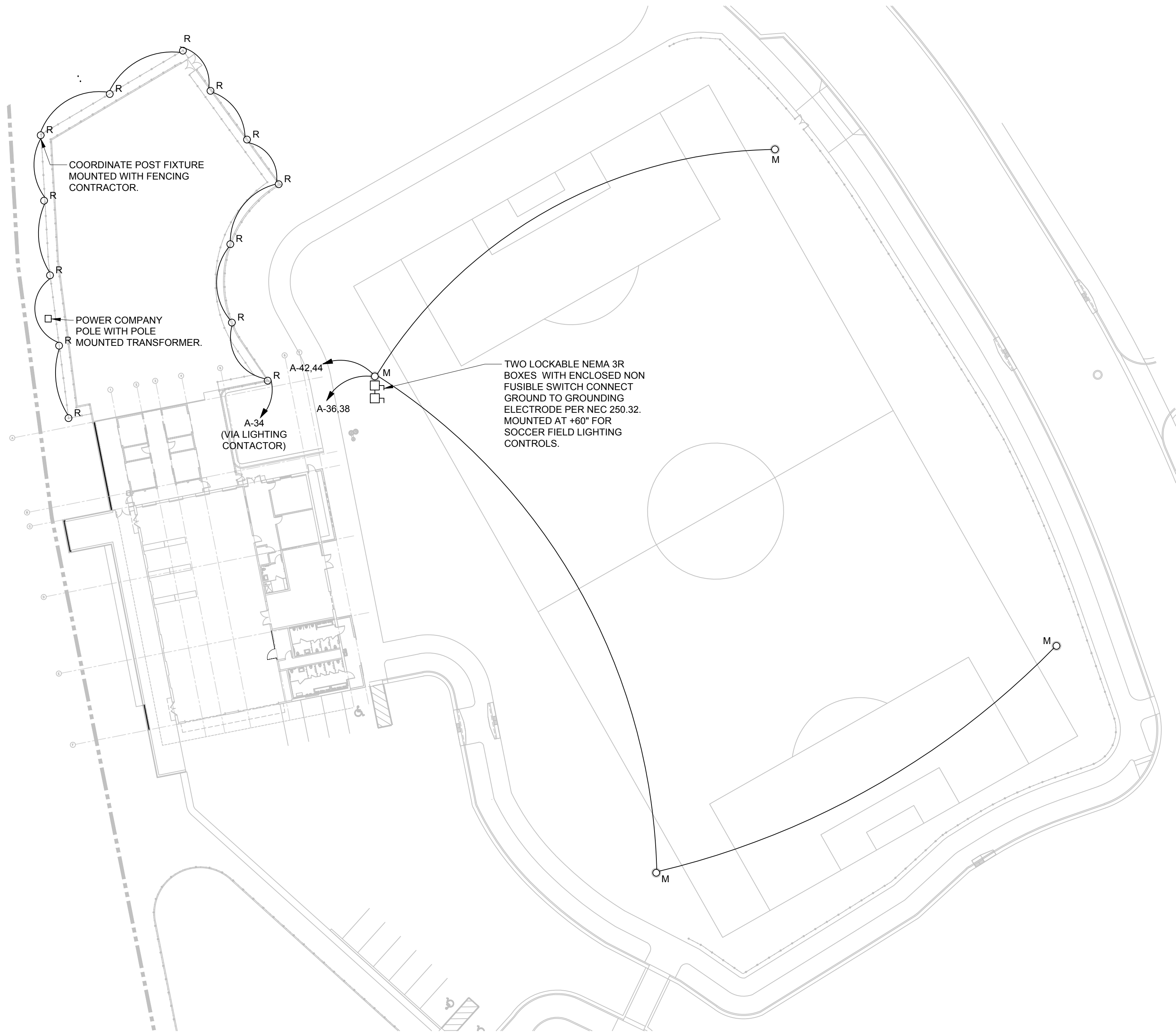
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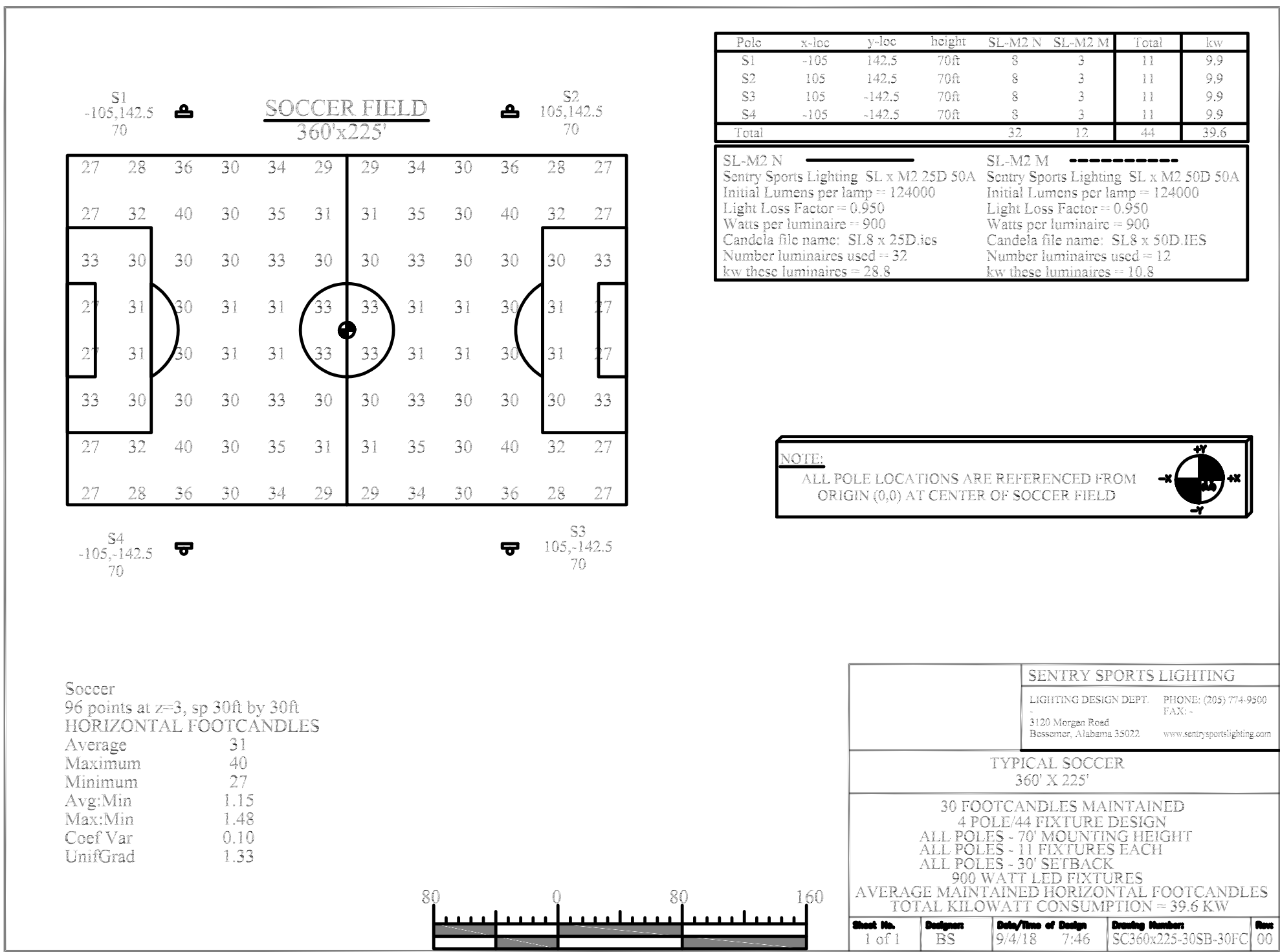
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1 SOCCER FIELD/HORSE RUN ELECTRICAL LIGHTING PLAN
1/32" = 1'-0"



2 SOCCER FIELD LIGHTING CALCULATIONS
SEE PLAN

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WATERFRONT PARK
CITY OF KEY WEST
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SITE LIGHTING PLAN

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GENERAL NOTES

1. MAHOGANY TREES ON SITE TO BE CUT DOWN FOR FUTURE USE BY LOCAL ARTISTS - DO NOT DEMOLISH TREE - CUT AND TOSS REQUIRED
2. ALL PALMS TO BE 4' TALL MINIMUM PER CODE
3. TREES TO BE RELOCATED TO BE REMOVED WITH SPUD AND MAINTAINED/WATERED DURING CONSTRUCTION AT A SAFE LOCATION.

LEGENDS:

- TREES TO BE RELOCATED
- TREES TO BE REMOVED
- STORM REMOVED

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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

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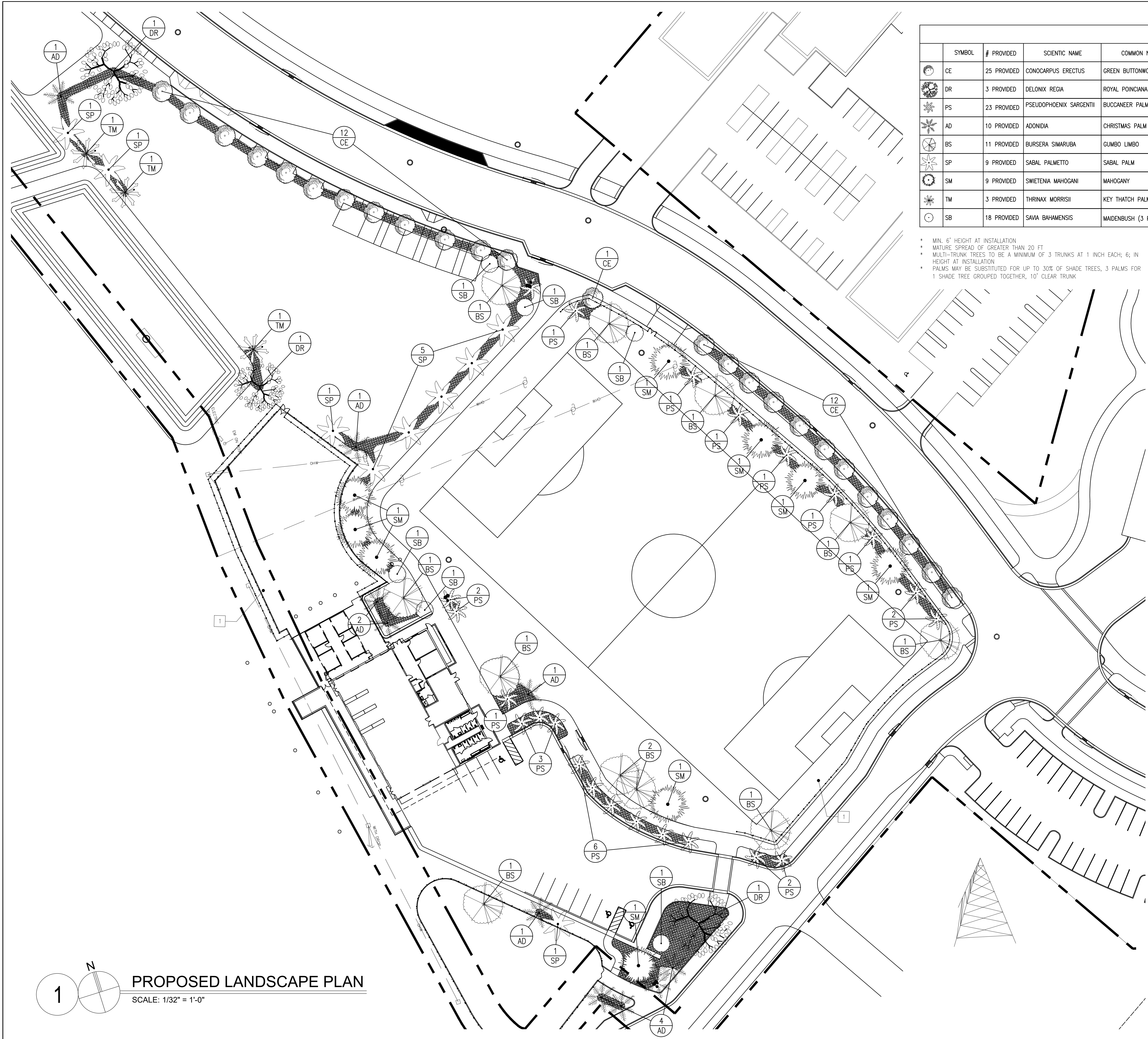
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PLAN

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PLANT LIST							
	SYMBOL	# PROVIDED	SCIENTIFIC NAME	COMMON NAME	SIZE REQUIREMENTS	NATIVE FLORIDA	DROUGHT TOLERANT
	CE	25 PROVIDED	CONOCARPUS ERECTUS	GREEN BUTTONWOOD	EXISTING	YES	YES
	DR	3 PROVIDED	DELONIX REGIA	ROYAL POINCIANA	65 GALLON - 3" CALIPER	YES	YES
	PS	23 PROVIDED	PSEUDOPHOENIX SARGENTII	BUCCANEER PALM	8' TALL	YES	YES
	AD	10 PROVIDED	ADONIDIA	CHRISTMAS PALM	8' TALL - (2) TRUNK	YES	YES
	BS	11 PROVIDED	BURSERA SIMARUBA	GUMBO LIMBO	45 GALLON - 3" CALIPER	YES	YES
	SP	9 PROVIDED	SABAL PALMETTO	SABAL PALM	8' TALL	YES	YES
	SM	9 PROVIDED	SWIETENIA MAHOGANI	MAHOGANY	45 GALLON - 3" CALIPER	YES	YES
	TM	3 PROVIDED	THRINAX MORRISII	KEY THATCH PALM	8' TALL	YES	YES
	SB	18 PROVIDED	SAVA BAHAMENSIS	MAIDENBUSH (3 PER)	7 GALLON	YES	YES

- * MIN. 6' HEIGHT AT INSTALLATION
- * MATURE SPREAD OF GREATER THAN 20 FT
- * MULTI-TRUNK TREES TO BE A MINIMUM OF 3 TRUNKS AT 1 INCH EACH; 6; IN HEIGHT AT INSTALLATION
- * PALMS MAY BE SUBSTITUTED FOR UP TO 30% OF SHADE TREES, 3 PALMS FOR 1 SHADE TREE GROUPED TOGETHER, 10' CLEAR TRUNK

GENERAL NOTES

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2. ALL PALMS TO BE 4' TALL MINIMUM PER CODE
3. TREES TO BE RELOCATED TO BE REMOVED WITH SPUD AND MAINTAINED/WATERED DURING CONSTRUCTION AT A SAFE LOCATION.
4. SEE IRRIGATION PLANS FOR IRRIGATION SYSTEM

CODED NOTES

- 1

GRAVEL (TYPICAL)
- 2

SPADE EDGE (TYPICAL)

1
N
PROPOSED LANDSCAPE PLAN
SCALE: 1/32" = 1'-0"

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TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST

1300 White Street, Key West, FL, 33040

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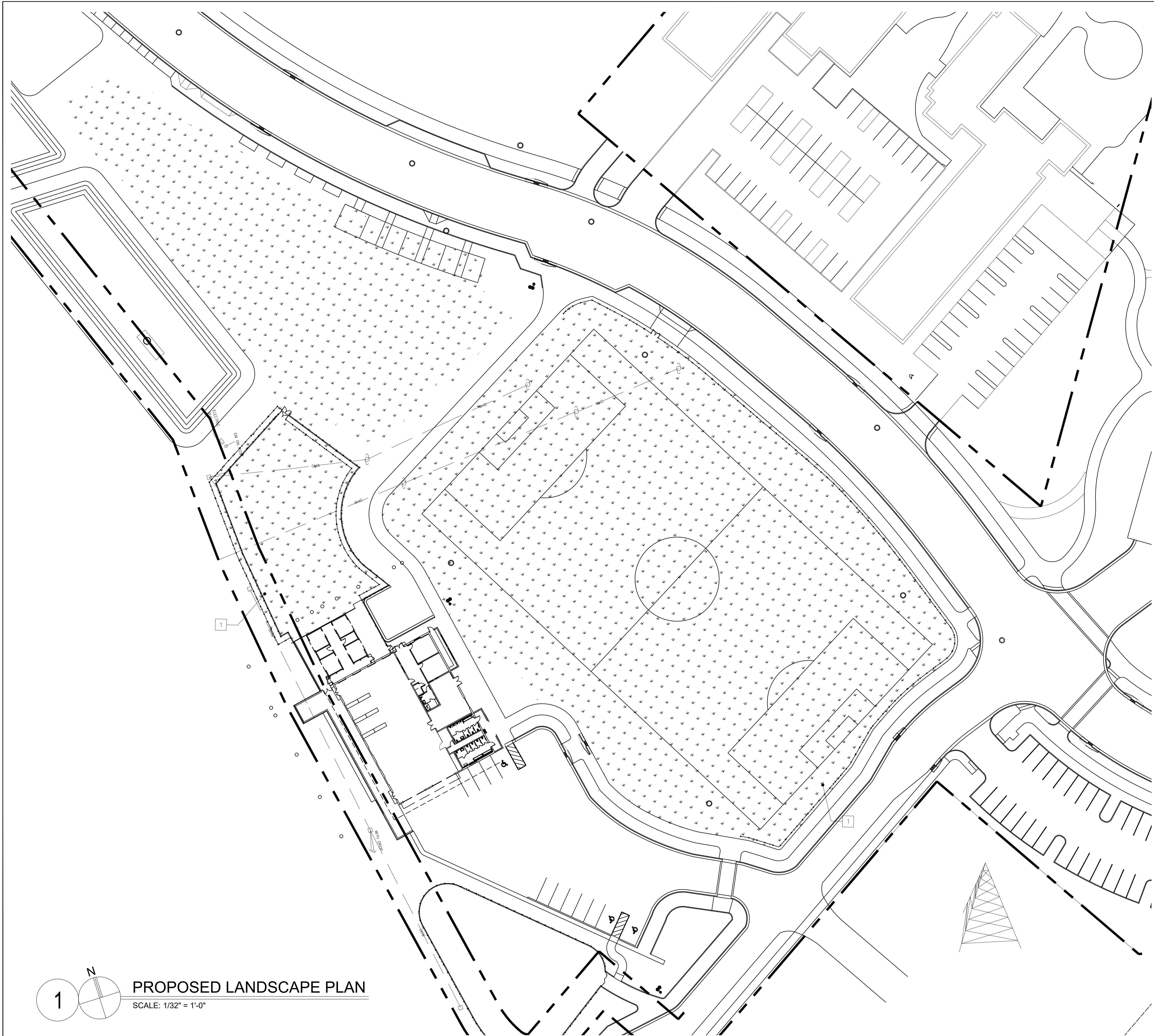
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4. SEE IRRIGATION PLANS FOR IRRIGATION SYSTEM

CODED NOTES

- 1 PLACE AND FINE GRADE TOPSOIL TO MATCH EXISTING GRADES, MAINTAIN EXISTING DRAINAGE PATTERN. SEED WITH CHAMPIONSHIP BERMUDA GRASS TO ESTABLISH TURF LAWN.

* GRASS AREA = 138,890 SQ. FT

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ORIGINAL #	PLAN #	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	DISPOSITION	REQUIRED MITIGATION	PROPOSED REPLACEMENT (AS REQUIRED)	NEW #
N	1	Swietenia Magohani	Mahogany	16' x 12' - 5' DBH	Poor	Remove	3.5" Caliper		
N1	2	Swietenia Magohani	Mahogany	24" DBH	Poor	Remove	15" Caliper		
AA4	3	Swietenia Magohani	Mahogany	35' x 40' - 16" DBH	Good	Relocate	N/A	Relocated on Site	3
AA6	4	Swietenia Magohani	Mahogany	16' X14' - M7" DBH	Poor	Remove	5.7" Caliper		
AA5	5	Swietenia Magohani	Mahogany	20'X14' - 11" DBH	Poor	Remove	8" Caliper		
AA8	6	Swietenia Magohani	Mahogany	30' x 20' - 14" DBH	Poor	Remove	10" Caliper		
AA2	7	Swietenia Magohani	Mahogany	30' x 40' - 8" DBH	Poor	Remove	6" Caliper		
AA3	8	Swietenia Magohani	Mahogany	16" DBH	Poor	Remove	10" Caliper		
L	9	Bursera Simaruba	Gumbo Limbo	20' x 20' - 10" DBH	Poor	Remove	7" Caliper		
K	10	Bursera Simaruba	Gumbo Limbo	20' x 20' - 12" DBH	Poor	Remove	7.9" Caliper		
11	11	Swietenia Magohani	Mahogany	40' x 30' - 18" DBH	Poor	Remove	13.6" Caliper		
BB	12	Cocos Nucifera	Coconut Palm	12"	Poor	Remove	1 Native - 4' Tall	Pseudophoenix Sargentii - Buccaneer Palm	12
H	13	Sabal Palmetto	Sabal Palm	12"	Good	Relocate	N/A	Relocated on Site	13
H2	14	Swietenia Magohani	Mahogany	1" DBH	Poor	Remove	7" Caliper		
D	15	Swietenia Magohani	Mahogany	38" DBH	Poor	Remove	22.8" Caliper		
F	16	Bursera Simaruba	Gumbo Limbo	25" DBH	Poor	Remove	1.8" Caliper		
E	17	Sabal Palmetto	Sabal Palm	12"	Poor	Remove	1 Native - 4' Tall	Pseudophoenix Sargentii - Buccaneer Palm	17
C	18	Thrinax Morrisii	Key Thatch Palm	6' Overall Height	Good	Relocate	N/A	Relocated on Site	18
25	19	Swietenia Magohani	Mahogany	28' x 30' - 18" DBH	Poor	Remove	12" Caliper		
76	20	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
77	21	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
78	22	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
79	23	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
80	24	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
81	25	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
82	26	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
83	27	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
84	28	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
126	29	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
127	30	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
118	31	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
117	32	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
107	33	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
108	34	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
115	35	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
99	36	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
98	37	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
97	38	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
70	39	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
66	40	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
65	41	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
63	42	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
62	43	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
61	44	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
35	45	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
34	46	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
116	47	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
113	48	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
112	49	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
106	50	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
95	51	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
111	52	Conocarpus Erectus	Buttonwood	3'X2' Shrub	Not Regulated	Remove	N/A	N/A	
97A	53	Chrysobalanus Icaco	Coco Plum	2" Shrub	Not Regulated	Remove	N/A	N/A	
A	54	Bursera Simaruba	Gumbo Limbo	5' x 4' - 1" DBH	Poor	Remove	6" Caliper		
29	55	Casuarina Spp.	Australian Pine	40' x 40' - 24" DBH	Invasive Species	Remove	N/A	N/A	
BB	56	Bursera Simaruba	Gumbo Limbo	1" DBH	Poor	Remove	7" Caliper		
30	57	Cocos Nucifera	Coconut Palm	25' Overall Height	Good	Remove	1 Native - 4' Tall	Pseudophoenix Sargentii - Buccaneer Palm	57
26	58	Cocos Nucifera	Coconut Palm	15' Overall Height	Poor	Remove	1 Native - 4' Tall	Pseudophoenix Sargentii - Buccaneer Palm	58
27	59	Cocos Nucifera	Coconut Palm	20' Overall Height	Poor	Remove	1 Native - 4' Tall	Pseudophoenix Sargentii - Buccaneer Palm	59
125	60	Conocarpus Erectus	Buttonwood	3' x 2' Shrub	Not Regulated	Remove	N/A	N/A	
124	61	Chrysobalanus Icaco	Coco Plum	4" Shrub	Not Regulated	Remove	N/A	N/A	
124A	62	Chrysobalanus Icaco	Coco Plum	3' x 2' Shrub	Not Regulated	Remove	N/A	N/A	
123	63	Chrysobalanus Icaco	Coco Plum	2" Shrub	Not Regulated	Remove	N/A	N/A	
124B	64	Chrysobalanus Icaco	Coco Plum	3' x 2' Shrub	Not Regulated	Remove	N/A	N/A	
122	65	Conocarpus Erectus	Silver Buttonwood	2" Shrub	Not Regulated	Remove	N/A	N/A	
31	66	Bucida Buceras	Black Olive	12" DBH	Not Regulated	Remove	N/A	N/A	
MM	67	Chrysobalanus Icaco	Coco Plum	25" DBH	Poor	Remove	12.5" Caliper		
NN2	68	Bursera Simaruba	Gumbo Limbo	14' x 12" - 8" DBH	Good	Relocate	N/A	Relocated on Site	68
NN1	69	Bursera Simaruba	Gumbo Limbo	16' x 6' - 2" DBH	Good	Relocate	N/A	Relocated on Site	69
NN	70	Coccoloba Uvifera	Seagrape	25' x 30' - 24" DBH	Good	Remove	16" Caliper		70
LL5	71	Bursera Simaruba	Gumbo Limbo	11" DBH	Poor	Remove	7.7" Caliper		
LL4	72	Bursera Simaruba	Gumbo Limbo	2.5" DBH	Poor	Remove	1.7" Caliper		
LL3	73	Bursera Simaruba	Gumbo Limbo	3.5" DBH	Poor	Remove	2.4" Caliper		
KK	74	Bucida Buceras	Black Olive	24" DBH	Nuisance	Remove	N/A	N/A	
LL2	75	Bursera Simaruba	Gumbo Limbo	1" DBH	Poor	Remove	1" Caliper		
LL1	76	Bursera Simaruba	Gumbo Limbo	5.5" DBH	Poor	Remove	3.5" Caliper		
100	77	Bursera Simaruba	Gumbo Limbo	6' x 2' - 15" DBH	Poor	Remove	10" Caliper		
103	78	Bursera Simaruba	Gumbo Limbo	12' x 8' - 3" DBH	Good	Remove	2" Caliper		
V	79	Bursera Simaruba	Gumbo Limbo	12' x 15' - 8" DBH	Good	Remove	5.3" Caliper		
93	80	Bursera Simaruba	Gumbo Limbo	1" DBH	Good	Remove	1" Caliper		
U	81	Bursera Simaruba	Gumbo Limbo	14' x 12' - 8" DBH	Good	Remove	5.3" Caliper		
89	82	Coccoloba Uvifera	Seagrape	14' x 20' - 16" DBH	Good	Remove	10.6" Caliper		
P	83	Bursera Simaruba	Gumbo Limbo	12' x 8' - 5" DBH	Good	Remove	3.3" Caliper		
O	84	Sabal Palmetto	Sabal Palm	12' Overall Height	Poor	Remove	1 Native - 4' Tall	Adonidia - Christm as Palm	84
R	85	Bursera Simaruba	Gumbo Limbo	18' x 20' - 10" DBH	Poor	Remove	7.6" Caliper		
17B	86	Cocos Nucifera	Coconut Palm	20' Overall Height	Good	Remove	1 Native - 4' Tall	Adonidia - Christm as Palm	86
17A	87	Cocos Nucifera	Coconut Palm	20' Overall Height	Good	Remove	1 Native - 4' Tall	Adonidia - Christm as Palm	87
X	88	Coccoloba Uvifera	Seagrape	14" Clump	Poor	Remove	10.6" Caliper		
W	89	Bursera Simaruba	Gumbo Limbo	12' x 8' - 5" DBH	Poor	Remove	3.3" Caliper		
13	90	Cocos nucifera	Coconut Palm	20' Overall Height	Good	Remove	1 Native - 4' Tall	Adonidia - Christmas Palm	90
GG	91	Bucida Buceras	Black Olive	28" DBH	Nuisance	Remove	1.6" Caliper		
DD1	92	Bursera Simaruba	Gumbo Limbo	W x 20" - 7" DBH	Poor	Remove	4.6" Caliper		
EE1	93	Swietenia Magohani	Mahogany	18" x 8' - 6" DBH	Poor	Remove	40" Caliper		
FF	94	Bursera Simaruba	Gumbo Limbo	30' x 18' - 10" DBH	Good	Relocate	N/A	Relocated on Site	94
Y	95	Sabal Palmetto	Sabal Palm	6' Overall Height	Good	Remove	1 Native - 4' Tall	Adonidia - Christm as Palm	95
Z3	96	Bursera Simaruba	Gumbo Limbo	16' x 15' - 8" DBH	Poor	Remove	5.6" Caliper		
Z2	97	Bursera Simaruba	Gumbo Limbo	14' x 15' - 10" DBH	Poor	Remove	7.5" Caliper		
Z1	98	Bursera Simaruba	Gumbo Limbo	14' x 15' - 6" DBH	Poor	Remove	4.2" Caliper		
Z4	99	Bursera Simaruba	Gumbo Limbo	5' x 5' - 1.5" DBH	Poor	Remove	1" Caliper		
10	100	Swietenia Magohani	Mahogany	30' x 30' - 30" CAL	Good	Remove	27" Caliper		
FF	101	Bursera Simaruba	Gumbo Limbo	30' x 18' - 10" DBH	Good	Relocate	N/A	Relocated on Site	101
FF1	102	Conocarpus Erectus	Buttonwood	40" DBH	Poor	Remove	29" Caliper		
DD3	103	Bursera Simaruba	Gumbo Limbo	14' x 5' - 2" DBH	Poor	Remove	1.4" Caliper		
EE2	104	Swietenia Magohani	Mahogany	18' x 8' - 4" DBH	Poor	Remove	2.8" Caliper		
DD4	105	Bursera Simaruba	Gumbo Limbo	6' x 4' - 1.5" DBH	Poor	Remove	1" Caliper		
DD5	106	Bursera Simaruba	Gumbo Limbo	22' x 15' - 7" DBH	Poor	Remove	5.2" Caliper		
DD6	107	Bursera Simaruba	Gumbo Limbo	12' x 4' - 4" DBH	Poor	Remove	2.5" Caliper		
DD2	108	Bursera Simaruba	Gumbo Limbo	20' x 14' - 7" DBH	Good	Relocate	N/A	Relocated on Site	108
CC1	109	Sabal Palmetto	Sabal Palm	4' Overall Height	Good	Relocate	N/A	Relocated on Site	109
J	110	Psidium Piscipula	Jamaican Dogwood	21" DBH	Poor	Remove	12.6" Caliper		
Disposition in BOLD indicates the tree was modified from relocate to remove. Reason is due to salvagability of tree not being possible (rooting/current condition)									

STORM DAMAGED TREES ALREADY REMOVED FROM SITE			
ORIGINAL #	EXISTING #	BOTANICAL NAME	COMMON NAME
12	A	Sabal Palmetto	Sabal Palm
AA7	B	Swietenia Mahagani	Mahogany
I	C	Ficus Aurea	Strangler Fig
DD6.5	D	Bursera Simaruba	Gumbo Limbo
Z5	E	Bursera Simaruba	Gumbo Limbo
9	F	Phoenix Reclinata	Date Palm
7	G	Phoenix Reclinata	Date Palm
8	H	Casuarina Spp.	Australian Pine
102	J	Bursera Simaruba	Gumbo Limbo
101	K	Bursera Simaruba	Gumbo Limbo
16	L	Sabal Palmetto	Sabal Palm
114	M	Schinus Terebinthifolius	Brazilian Pepper
101A	N	Chrysobalanus Icaco	Coco Plum
15	P	Ficus Aurea	Strangler Fig
S	Q	Bursera Simaruba	Gumbo Limbo
MM1	R	Bursera Simaruba	Gumbo Limbo
94	S	Cocos Nucifera	Coconut Palm

GENERAL NOTES

- MAHOGANY TREES ON SITE TO BE CUT DOWN FOR FUTURE USE BY LOCAL ARTISTS - DO NOT DEMOLISH TREE - CUT AND TOSS REQUIRED
- ALL PALMS TO BE 4' TALL MINIMUM PER CODE
- TREES TO BE RELOCATED TO BE REMOVED WITH SPUD AND MAINTAINED/WATERED DURING CONSTRUCTION AT A SAFE LOCATION.

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K2M DESIGN

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Interior Design,
Asset Management,
Specialty Consulting

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Marathon, FL

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Seal:



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COA #: 30945

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Meridian Engineering LLC

CIVIL ENGINEER:
Perez Engineering &
Development

IRRIGATION:
Blue Island Lighting & Irrigation Inc.

Submissions:

DATE/PHASE
2018.05.14 - SD Submittal Set
2018.05.15 - HARC Submittal Set
2018.05.18 - City Review Set
2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:36 AM

Drawing Size | Project #
24x36 | 18070

Drawn By: | Checked By:
BK | AA

Title:

LANDSCAPE
CHARTS

Sheet Number:

L2.1.1

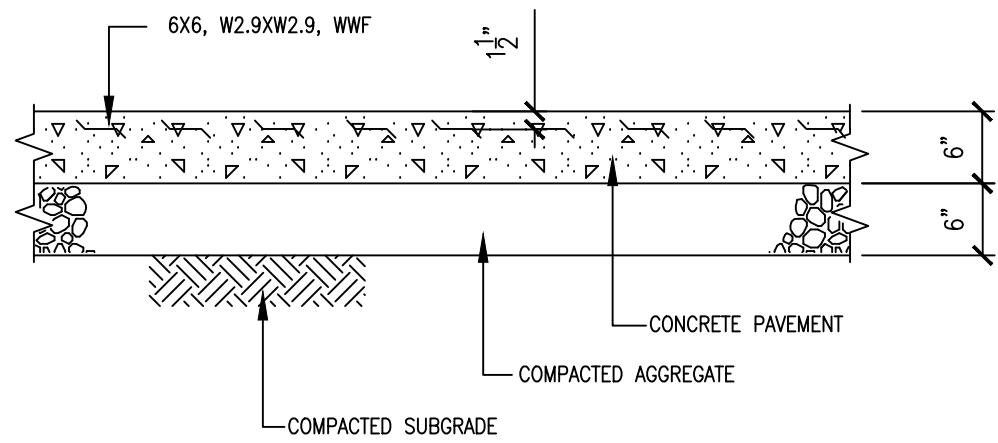
Date: October 23, 2018

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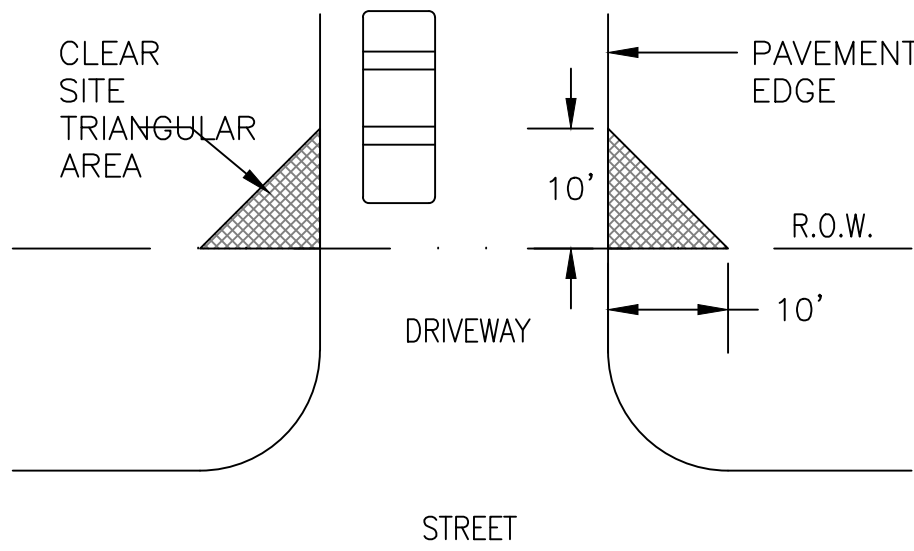


GRADING & DRAINAGE NOTES:

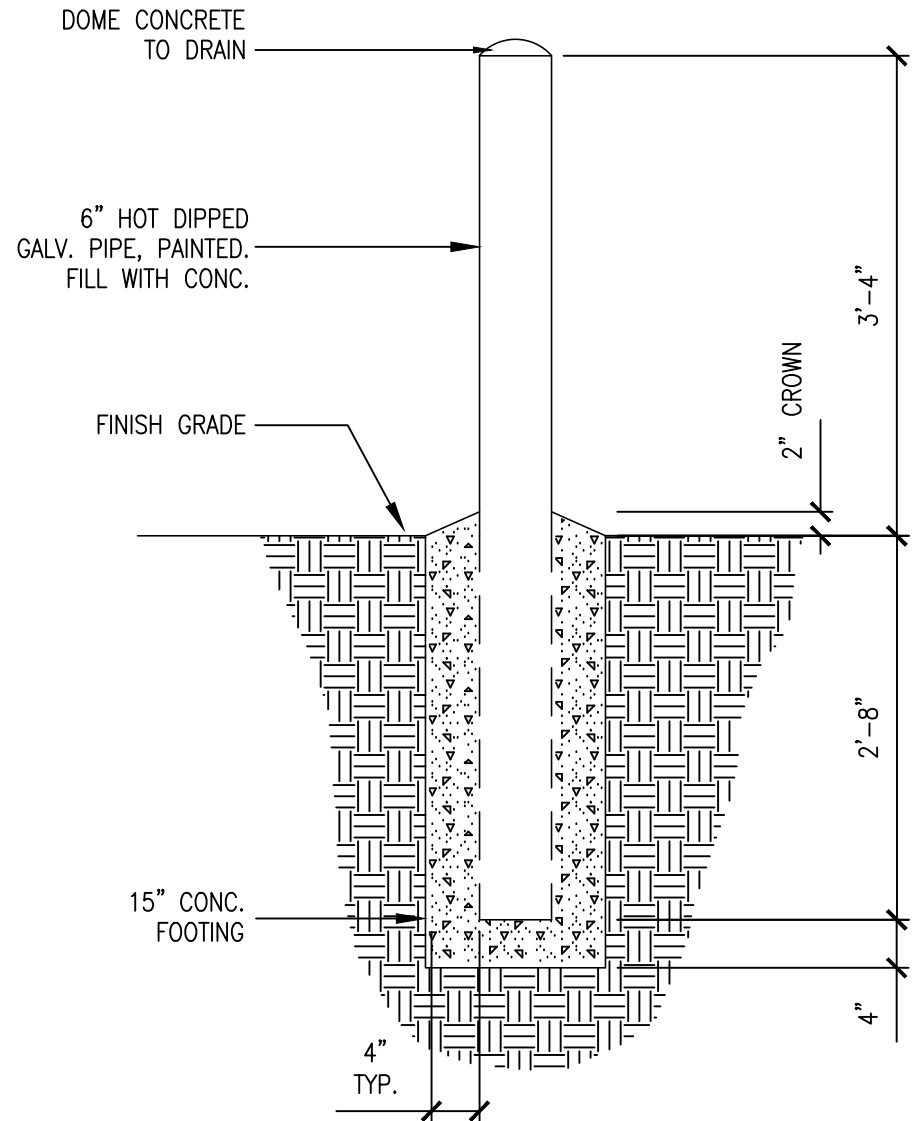
- ① ALL EXCAVATED AREAS TO BE SEEDED OR SODDED AFTER FINAL GRADING UNLESS OTHERWISE NOTED. SEE LANDSCAPE PLAN AND/OR EROSION CONTROL PLAN FOR DIRECTIONAL VERIFICATION
- ② PROVIDE POSITIVE DRAINAGE IN ALL PAVED AREAS WITH OUT PONDING WATER. THE PAVING CONTRACTOR SHALL TEST ALL PAVED AREAS FOR BIRD BATH CONDITIONS BY FLOODING THE ENTIRE AREA WITH WATER AND MARKING THE POND AREA PRIOR TO THE INSTALLATION OF THE TOPPING COURSE. CORRECTION SHALL BE MADE IF NECESSARY.
- ③ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND ELEVATIONS DURING THE ENTIRE CONSTRUCTION SCHEDULE. IF ANY DISCREPANCIES ARE FOUND IN THESE ENGINEERING PLANS, LANDSCAPE PLANS, OR SURVEY PLANS FROM ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL CONTACT THE A/E IMMEDIATELY
- ④ ALL CONTRACTOR(S) BUT NOT LIMITED TO THE EXCAVATING CONTRACTOR(S) MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. ACTUAL FIELD LOCATION OF ALL EXISTING UTILITIES ARE THE CONTRACTOR'S RESPONSIBILITY AND MUST BE LOCATED EITHER BY THE REPRESENTATIVE OF THE UTILITY COMPANY OR BY A PRIVATE UNDERGROUND UTILITY LOCATION COMPANY PRIOR TO THE START OF EXCAVATING. VERIFY MINIMUM COVERAGE REQUIREMENTS BY THE UTILITY COMPANY OR CONTRACTOR(S) SO AS NOT TO CAUSE DAMAGE.
- ⑤ IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL THE UTILITY COMPANIES AND DEPARTMENTS 72 HOURS BEFORE COMMENCING CONSTRUCTION ACTIVITIES TO VERIFY AND UTILITIES THAT MAY BE PRESENT ON THE SITE. ALL VERIFICATIONS, LOCATIONS, SIZE AND DEPTHS SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES OR DEPARTMENTS. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY OR DEPARTMENT SO A REPRESENTATIVE OF THE UTILITY CAN BE PRESENT DURING THE EXCAVATING TO INSTRUCT AND OBSERVE THE EXCAVATION.
- ⑥ TRENCHES FOR ALL UTILITIES SHALL BE BACKFILLED COMPLETELY WITH APPROVED ENGINEERED GRANULAR MATERIAL SUITABLE TO THE A/E. SEE THE APPROPRIATE DETAILS AND SPECIFICATIONS FOR THE APPROVED MATERIALS.
- ⑦ ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL TOP OF PAVEMENT, TOP OF CURB OR FINAL GRADE ELEVATION. TO DETERMINE THE SUBGRADE ELEVATION REQUIRED BELOW, SEE APPROPRIATE DETAIL.
- ⑧ HEAVY CONSTRUCTION EQUIPMENT AND TRAFFIC MAY CREATE PUMPING AND GENERAL DETERIORATION OF THE SHALLOWER SOILS IF EXCESS SURFACE WATER IS PRESENT. PROPER PRECAUTIONARY STEPS MUST BE TAKEN DURING THE ENTIRE CONSTRUCTION SCHEDULE TO ALLEVIATE SUCH DAMAGE.
- ⑨ ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY, OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
- ⑩ EXISTING PAVEMENTS, SIDEWALKS, CURBS, DRIVEWAYS, ELECTRICAL TRANSFORMERS AND PADS, DITCHES, DRAINAGE PIPES AND STRUCTURES, FENCES, LAWNS, TREES, BUSHES, MAILBOXES, SIGNS, POWER POLES, ETC.. TO REMAIN AND BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE DURING CONSTRUCTION SHALL BE RESTORED, RECONSTRUCTED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE. ALL DAMAGES SHALL BE RESTORED OR REPLACED TO AT LEAST THEIR ORIGINAL CONDITION OR AS REQUIRED OR DICTATED BY FEDERAL, STATE, COUNTY, CITY, OR LOCAL AGENCIES.
- ⑪ IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, COUNTY, CITY, OR LOCAL PERMITS FOR ANY AND ALL WORK REQUIRED UNLESS OTHERWISE NOTED. THE CONTRACTOR IS RESPONSIBLE TO PAY FOR ALL REQUIRED PERMITS BY ANY OR ALL AGENCIES MENTIONED ABOVE UNLESS OTHERWISE NOTED IN THE CONTRACT OR SPECIFICATION.
- ⑬ THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AT HIS EXPENSE ALL AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY FEDERAL, STATE, COUNTY, CITY, OR LOCAL AGENCIES.
- ⑭ IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT EACH DAY AND REMOVE ALL MUD, DIRT, GRAVEL, AND LOOSE MATERIALS TRACTED, DUMPED, SPILLED OR WIND BLOWN FROM THE SITE ONTO OTHER SITES, RIGHT OF WAYS, PUBLIC OR PRIVATE, STREETS OR ROADS, DRIVEWAYS, YARDS, OR SIDEWALKS. THE CONTRACTOR MUST CLEAN OR PICK UP DAILY IF NECESSARY. THE CONTRACTOR SHALL REDUCE THE AIRBORNE DUST DURING THE ENTIRE CONSTRUCTION SCHEDULE. WATER MAY BE USED AS A REDUCER.



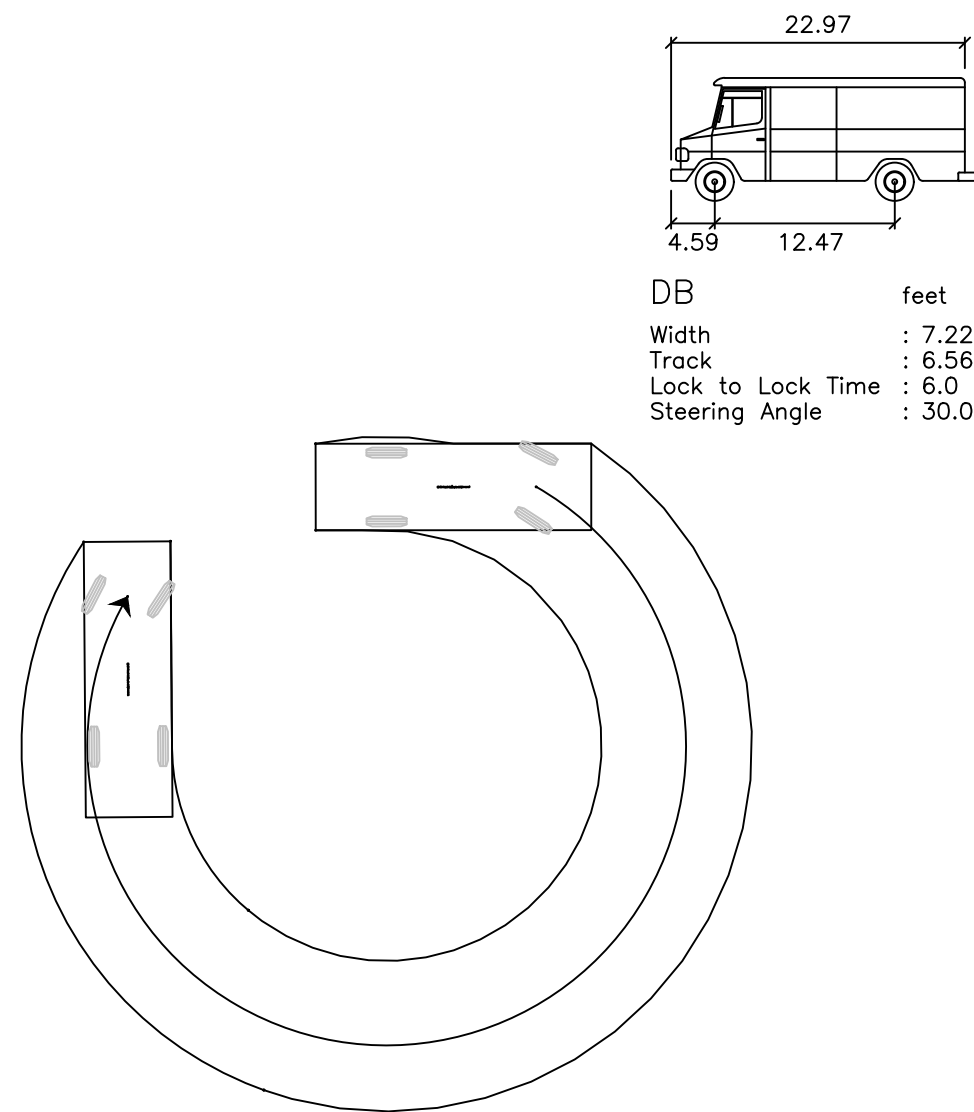
1 DUMPSTER PAD DETAIL (IF APPLICABLE)
L512 3/4"-1'-0"



2 CLEAR SIGHT TRIANGLE DETAIL
L512 NTS



3 TYPICAL BOLLARD DETAIL
L512 NTS



4 DELIVERY TRUCK TURN RADIUS DETAIL
L512 NTS

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Interior Design,
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CIVIL ENGINEER:
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IRRIGATION:
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Inc.

Submissions:

DATE/PHASE

2018.05.14 - SD Submittal Set

2018.05.15 - HARC Submittal Set

2018.05.18 - City Review Set

2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST

1300 White Street, Key West, FL, 33040

PLOTTED: 10/17/2018 9:37 AM

Drawing Size | Project #
24x36 | 18070

Drawn By: | Checked By:
BK | AA

Title:
LANDSCAPE/SITE
DETAILS

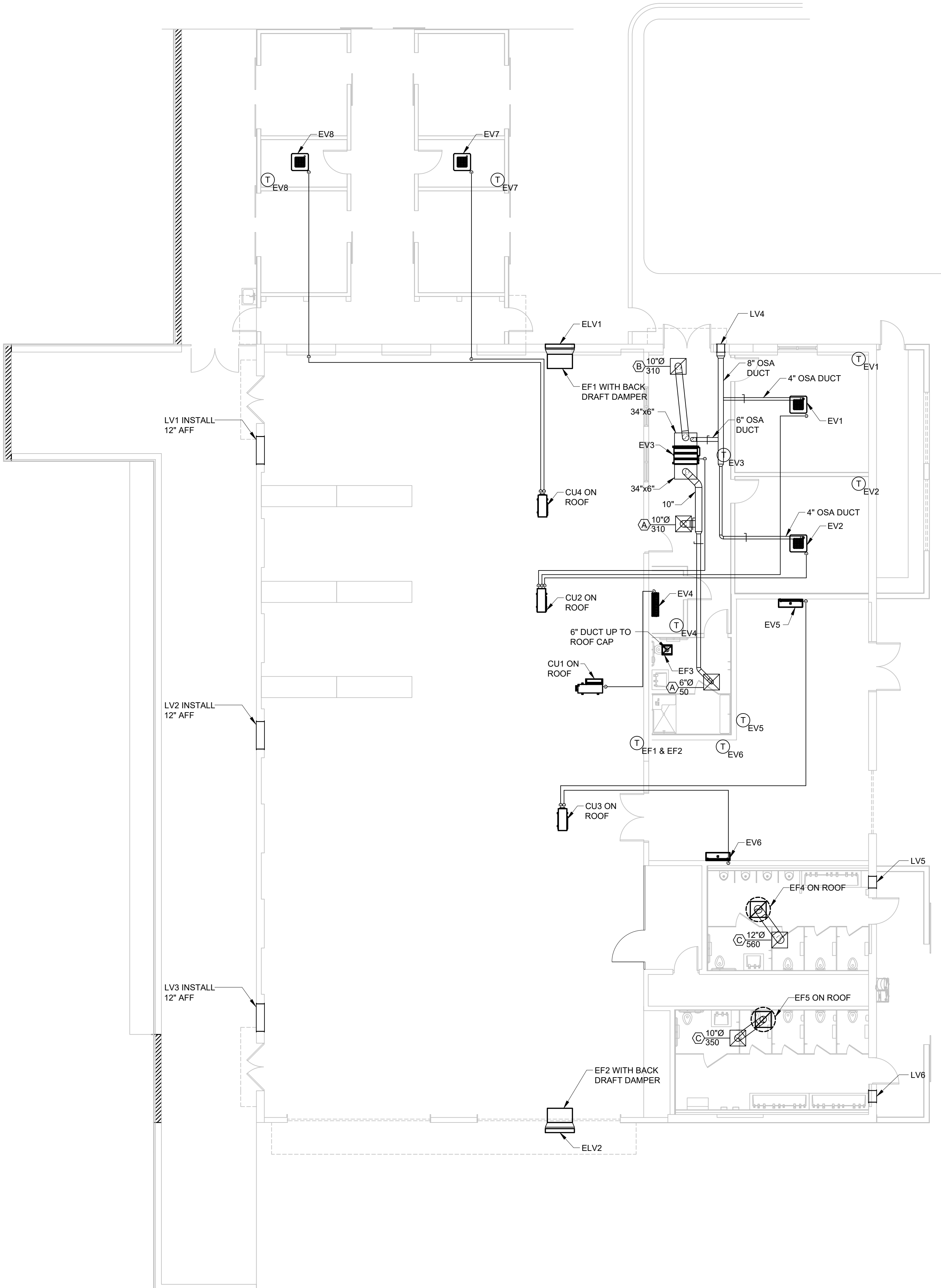
Sheet Number:

L5.1.2

Date: October 23, 2018

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J:\2018\18070 - City of Key West - Truman Waterfront 1B-4-2202\Drawings\Mech\180701 MECH- SHEET SET.dwg, 10/19/2018, 10:56 AM, Issue: 1.0, Plot: 10/23/2018



1 MECHANICAL PLAN
1/8" = 1'-0"

MECHANICAL GENERAL NOTES

- NOTES APPLY TO ALL MECHANICAL SHEETS.
- EACH CONTRACTOR IS RESPONSIBLE FOR HAVING THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS AS THEY RELATE TO THIS WORK.
- PROVIDE ALL MATERIALS FOR A COMPLETE INSTALLATION IN ALL RESPECTS READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS.
- EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. COORDINATE NEW WORK AND DEMOLITION WITH OTHER DISCIPLINES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- COORDINATE THE INSTALLATION OF THE MECHANICAL SYSTEMS WITH OTHER TRADES TO ENSURE A NEAT AND ORDERLY INSTALLATION. INSTALL DUCTWORK AND PIPING AS TIGHT TO STRUCTURE AS POSSIBLE. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS. COORDINATE INSTALLATION OF DUCTWORK AND PIPING TO AVOID CONFLICTS WITH ELECTRICAL PANELS, LIGHTING FIXTURES, ETC. ANY MODIFICATIONS REQUIRED DUE TO LACK OF COORDINATION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO EXTRA COST TO THE OWNER.
- DURING INSTALLATION OF NEW WORK, AVOID DAMAGING EXISTING SURFACES AND EQUIPMENT TO REMAIN. REPAIR DAMAGE CAUSED DURING CONSTRUCTION AT NO EXTRA COST TO THE OWNER.
- ALL MECHANICAL EQUIPMENT SHOWN ON THE MECHANICAL PLANS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE.
- NEW MECHANICAL EQUIPMENT, DUCTWORK AND PIPING ARE SHOWN AT APPROXIMATE LOCATIONS. FIELD MEASURE FINAL DUCTWORK AND PIPING LOCATIONS PRIOR TO FABRICATION AND MAKE ADJUSTMENTS AS REQUIRED TO FIT THE DUCTWORK AND PIPING WITHIN THE AVAILABLE SPACE. VERIFY THAT FINAL EQUIPMENT LOCATIONS MEET MANUFACTURER'S RECOMMENDATIONS REGARDING SERVICE CLEARANCE AND PROPER AIRFLOW CLEARANCE AROUND EQUIPMENT.
- DUCTWORK IDENTIFICATION AND INSTALLATION SHALL ADHERE TO GOVERNING CODES.
- INSTALL DUCTWORK AND PIPING PARALLEL TO BUILDING COLUMN LINES UNLESS OTHERWISE SHOWN OR NOTED.
- OVERHEAD HANGERS AND SUPPORTS FOR EQUIPMENT, DUCTWORK AND PIPING SHALL BE FASTENED TO BUILDING JOISTS OR BEAMS. DO NOT ATTACH HANGERS AND SUPPORTS TO THE ABOVE FLOOR SLAB OR ROOF.
- COORDINATE LOCATION OF EQUIPMENT SUPPORTS WITH LOCATION OF EQUIPMENT ACCESS PANELS/DOORS TO ENABLE SERVICE OF EQUIPMENT.
- SEAL PENETRATIONS THROUGH THE BUILDING COMPONENTS IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS. FIREPROOF PENETRATIONS THROUGH FIRE RATED COMPONENTS IN ACCORDANCE WITH U.L. REQUIREMENTS.
- COORDINATE THE EXACT MOUNTING SIZE AND FRAME TYPE OF DIFFUSERS, REGISTERS AND GRILLES WITH THE SUPPLIER TO MEET THE CEILING, WALL AND DUCT INSTALLATION REQUIREMENTS.
- SPRINKLER HEAD AND LIGHTING FIXTURE LOCATIONS TAKE PRECEDENCE OVER DIFFUSER LOCATIONS. ADJUST LOCATION OF CEILING DIFFUSERS, REGISTERS AND GRILLES AS REQUIRED TO ACCOMMODATE FINAL CEILING GRID, SPRINKLER, AND LIGHTING LOCATIONS.
- ALL CEILING DIFFUSERS ARE 4-WAY PATTERN UNLESS NOTED OTHERWISE.
- LOCATE AND SET THERMOSTATS AT LOCATIONS SHOWN ON PLANS. VERIFY EXACT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. INSTALL DEVICES WITH TOP OF DEVICE AT MAXIMUM 48" AFF TO MEET ADA REQUIREMENTS UNLESS NOTED OTHERWISE ON PLANS. INSTALL WIRING IN CONDUIT PROVIDED BY ELECTRICAL CONTRACTOR.
- DUCTWORK CROSSING FIRE RATED WALLS OR OTHER FIRE RATED ASSEMBLIES SHALL BE MINIMUM 26 GAUGE SHEET METAL.
- PROVIDE FIRE OR FIRE/SMOKE DAMPERS, AS APPLICABLE, IN DUCTWORK AT CEILINGS AND WALLS AT LOCATIONS SHOWN ON THE PLANS. FIRE AND FIRE/SMOKE DAMPERS SHALL CONFORM TO NFPA AS APPLICABLE. COORDINATE SLEEVE LENGTH WITH REQUIREMENTS OF INSTALLED LOCATION.
- PROVIDE WALL OR DUCT ACCESS PANELS OR DOORS FOR ACCESS TO FIRE AND FIRE/SMOKE DAMPERS. ACCESS PANEL OR DOOR SHALL BE MINIMUM SIZE OF 10" BY 10" AND SHALL BE INSTALLED WITHIN 12" OF DAMPER. PROVIDE A REMOVABLE DUCT SECTION WHERE DUCT SIZE IS TOO SMALL FOR A 10" BY 10" ACCESS DOOR.
- PROVIDE A MANUAL BALANCING DAMPER IN EACH BRANCH DUCT TAKEOFF FROM MAIN SUPPLY, RETURN, OUTDOOR AND EXHAUST AIR DUCTS. LOCATE DAMPERS A MINIMUM 4'-0" AWAY FROM DIFFUSERS. PROVIDE ACCESS AS REQUIRED.
- PROVIDE A PREFABRICATED 45 DEGREE, HIGH EFFICIENCY, RECTANGULAR/ROUND BRANCH DUCT TAKEOFF FITTING WITH MANUAL BALANCING DAMPER AND LOCKING QUADRANT FOR BRANCH DUCT CONNECTIONS AND TAKE-OFFS TO INDIVIDUAL DIFFUSERS, REGISTERS AND GRILLES.
- BRANCH DUCTWORK TO AIR OUTLETS SHALL BE SAME SIZE AS OUTLET NECK SIZE UNLESS NOTED OTHERWISE. TYPICAL BRANCH DUCT FITTING DETAIL IS APPLICABLE THROUGHOUT.
- RIGID DUCTWORK INSULATION: PROVIDE 3/4 LB DENSITY, 2" R-6 THICK INSULATION WRAP ON RIGID ROUND AND RECTANGULAR CONCEALED, SUPPLY AND RETURN AIR DUCTS AND ON OUTSIDE AIR DUCTS. CONTRACTOR'S OPTION TO FURNISH AND INSTALL 1-1/2 LB DENSITY, 1-1/2" R-6 THICK INTERNAL DUCT LINER ON RECTANGULAR SUPPLY AND RETURN AIR DUCTS IN LIEU OF DUCTWRAP.
- DUCT SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS AND REPRESENTATIVE OF THE INSIDE EQUIVALENT FREE AREA REQUIRED TO MAINTAIN THE AIR FLOW SPECIFIED. IF DUCT LINING IS REQUIRED, INCREASE DUCT SIZE TO MAINTAIN ORIGINAL INSIDE DIMENSIONS. IF DUCT SIZES NEED TO BE ALTERED FOR SPACE REQUIREMENTS, ENSURE THE ORIGINAL INSIDE DUCT EQUIVALENT FREE AREA IS MAINTAINED.
- CONTRACTOR'S OPTION TO SUBSTITUTE ROUND DUCT OF EQUAL FREE AREA FOR RECTANGULAR DUCT AND VICE VERSA. DIMENSIONS OF RECTANGULAR DUCT MAY BE ADJUSTED AS NECESSARY TO INSTALL DUCT IN AVAILABLE SPACE AS LONG AS FREE AREA IS MAINTAINED.
- PROVIDE THERMAFLEX TYPE G-KM, M-KE, FLEXMASTER TYPE 8, OR APPROVED EQUAL FLEXIBLE DUCTWORK. FLEXIBLE DUCTWORK SHALL BE LISTED UNDER UL 181 AS CLASS 1 AIR DUCT AND BE PROVIDED WITH INTEGRAL R-6, 3/4 LB DENSITY FIBERGLASS INSULATION. FLEXIBLE DUCTWORK SHALL NOT EXCEED 5'-0" IN LENGTH AND SHALL BE INSTALLED AND SUPPORTED TO AVOID SHARP BENDS AND SAGGING.
- FOR ALL EXPOSED DUCTWORK, PROVIDE DUCT THAT IS SUITABLE FOR PAINTING, ENSURE THAT ALL EXPOSED DUCTWORK IS PROPERLY PREPARED AND READY FOR PAINTING. COORDINATE COLOR WITH ARCHITECT.
- PROVIDE A NEW SET OF AIR FILTERS IN UNITS PRIOR TO TESTING, ADJUSTING AND BALANCING AND BEFORE TURNING SYSTEM(S) OVER TO OWNER.
- PROVIDE A COMPLETE TEST AND BALANCE FOR HVAC SYSTEM. AIR BALANCE SHALL BE WITHIN 5% OF SCHEDULED AIRFLOWS.
- INSTALL VTR'S AND EXHAUST FANS A MINIMUM OF 10 FT FROM OUTSIDE AIR INTAKE.

MECHANICAL SYMBOLS

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

SYMBOL	DESCRIPTION			
	RECTANGULAR DUCT 18" WIDE BY 12" DEEP (INSIDE CLEAR DIMENSIONS)			
	12"Ø DIAMETER ROUND DUCT (INSIDE CLEAR DIMENSIONS)			
	SUPPLY DUCT IN SECTION (UP / DOWN)			
	RETURN OR EXHAUST DUCT IN SECTION (UP / DOWN)			
	ELBOW WITH TURNING VANES			
	VOLUME/BALANCE DAMPER			
	MOTORIZED DAMPER			
	SUPPLY AIR DIFFUSER			
	RETURN OR EXHAUST AIR GRILLE			
<table border="1"><tr><td>CD</td></tr><tr><td>12"Ø</td></tr><tr><td>500</td></tr></table>	CD	12"Ø	500	DIFFUSER OR GRILLE TYPE BRANCH DUCT & NECK SIZE CFM
CD				
12"Ø				
500				
	THERMOSTAT			
	TEMPERATURE SENSOR			
	CO2 SENSOR			
	HUMIDISTAT			
	SMOKE DETECTOR			
	TIMER			
	FIRE DAMPER			

ANNOTATION

	PLAN KEYNOTE
	MECHANICAL EQUIPMENT DESIGNATION (CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE)
	CONNECTION POINT OF NEW WORK TO EXISTING
	DETAIL REFERENCE: UPPER NUMBER INDICATES DETAIL NUMBER, LOWER NUMBER INDICATES SHEET NUMBER
	SECTION CUT DESIGNATION

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
BAS	BUILDING AUTOMATION SYSTEM
BFF	BELOW FINISHED FLOOR
CD	CEILING SUPPLY AIR DIFFUSER
CF	CEILING FAN
CFM	CUBIC FEET PER MINUTE
CU	CONDENSING UNIT
DDC	DIRECT DIGITAL CONTROL
EA	EXHAUST AIR
EAG	EXHAUST AIR GRILLE
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ETR	EXISTING TO REMAIN
GC	GENERAL CONTRACTOR
IN WC	INCHES OF WATER COLUMN
MAX	MAXIMUM
MBH	1000 BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MIN	MINIMUM
MS	MOP SINK
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
RA	RETURN AIR
RAG	RETURN AIR GRILLE
RAW	RETURN AIR WALL GRILLE
RC	REFRIGERATION CONTRACTOR
REF	REFERENCE
RH	RADIANT HEATER
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SAW	SUPPLY AIR WALL REGISTER
TYP	TYPICAL
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
VTR	VENT THRU ROOF
WH	WATER HEATER

ARCHITECT:

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Interior Design,
Asset Management,
Specialty Consulting

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Key West, FL
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Seal:



Consultants:

STRUCTURAL ENGINEER:
Meridian Engineering LLC

CIVIL ENGINEER:
Perez Engineering &
Development

IRRIGATION:
Blue Island Lighting & Irrigation
Inc.

Submissions:

DATE: PHASE
2018.05.14 - SD Submittal Set
2018.05.15 - HARC Submittal Set
2018.05.18 - City Review Set
2018.10.23 - 90% Review Set

TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/19/2018 10:56 AM

Drawing Size | Project #:
18070

Drawn By: JBC | Checked By: JCW

Title:

MECHANICAL
PLAN

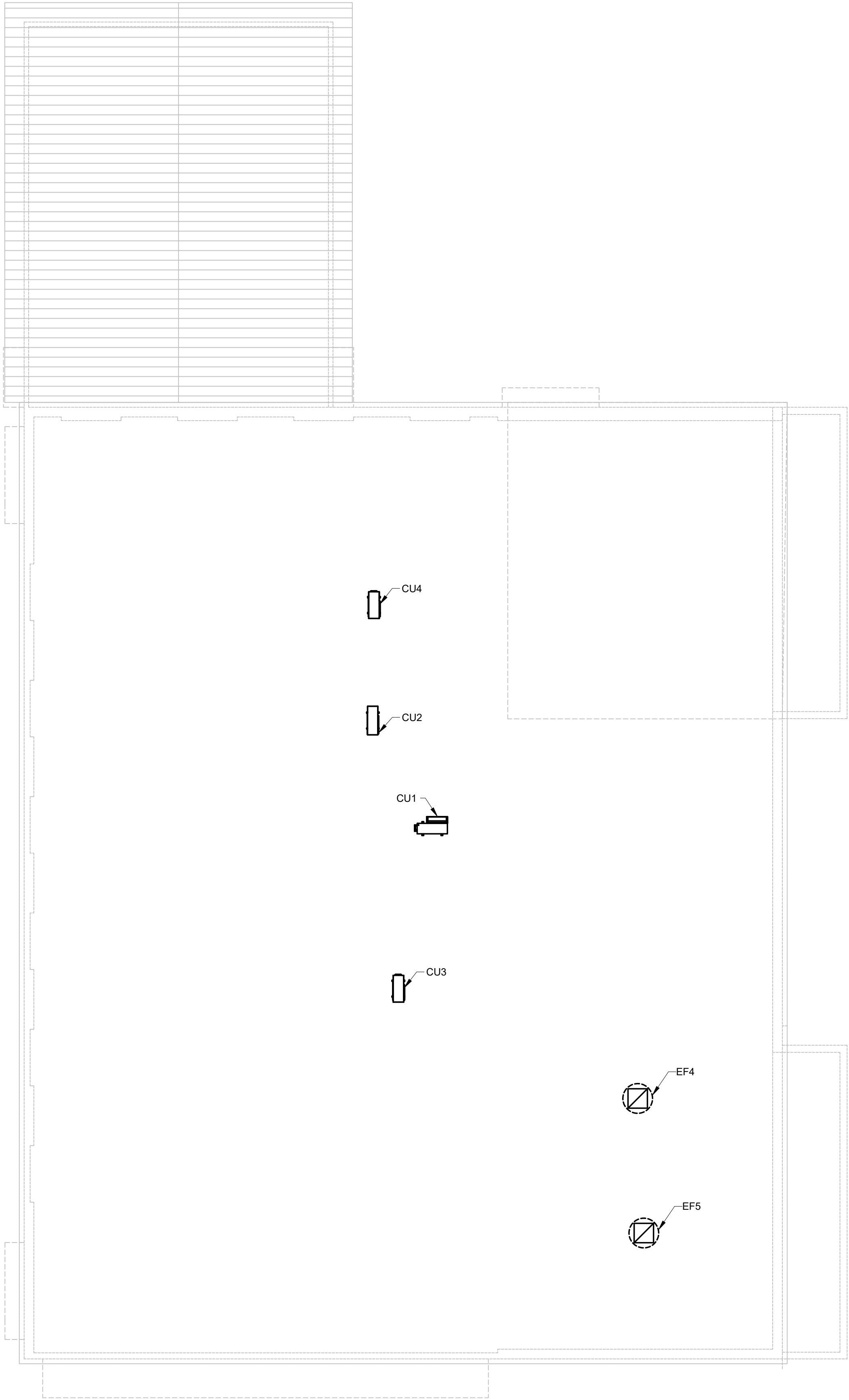
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Date: October 23, 2018

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1 MECHANICAL ROOF PLAN
1/8" = 1'-0"

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CIVIL ENGINEER:
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IRRIGATION:
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TRUMAN WATERFRONT 1B
CITY OF KEY WEST
WATERFRONT PARK
CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

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MECHANICAL
ROOF PLAN

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LOUVER SCHEDULE							
MARK	MANUFACTURER	MODEL	SIZE	NET FREE AREA (FT²)	AIRFLOW (CFM)	FINISH	NOTES
LV1	GREENHECK	ESD-635DE	42" X 36"	5.81	4500	TO BE CHOSEN BY ARCH	A, B
LV2	GREENHECK	ESD-635DE	42" X 36"	5.81	4500	TO BE CHOSEN BY ARCH	A,B
LV3	GREENHECK	ESD-635DE	42" X 36"	5.81	4500	TO BE CHOSEN BY ARCH	A, B
LV4	GREENHECK	ESD-635DE	12" X 12"	0.19	100	TO BE CHOSEN BY ARCH	A
LV5	GREENHECK	ESD-635DE	18" X 18"	0.80	560	TO BE CHOSEN BY ARCH	A
LV6	GREENHECK	ESD-635DE	18" X 18"	0.80	350	TO BE CHOSEN BY ARCH	A
ELV1	GREENHECK	ESD-635DE	44" X 44"	7.7	6750	TO BE CHOSEN BY ARCH	A
ELV2	GREENHECK	ESD-635DE	44" X 44"	7.7	6750	TO BE CHOSEN BY ARCH	A
GENERAL INFORMATION: 1. ALL LOUVERS SHALL BE MIAMI-DADE COUNTRY APPROVED. NOTES: A. PROVIDE INSECT SCREEN B. PROVIDE MECHANICAL MOTORIZED DAMPER INTERLOCKED WITH EXHAUST FAN.							

EXHAUST FAN SCHEDULE												
MARK	MANUFACTURER	MODEL	MOUNTING	CFM	E.S.P. (IN. WC)	DRIVE	FAN HP	WATTS	FAN RPM	V/Ph	CONTROL	NOTES
EF-1,2	GREENHECK	SBE-3H30	WALL	6750	0.32"	BELT	1		835	120/1	THERMOSTAT	A-C, E, G, H
EF-3	GREENHECK	SP-A50-90-VG	CEILING	100	0.25"	DIRECT		22.3	910	120/1	W/ LIGHTS	A-G
EF-4	GREENHECK	G-095-G	ROOF	560	0.25"	DIRECT	1/12		1300	120/1	W/ LIGHTS	A-C, F
EF-5	GREENHECK	G-095-E	ROOF	350	0.25"	DIRECT	1/30		1050	120/1	W/ LIGHTS	A-C, F
NOTES: A. PROVIDE GRAVITY BACKDRAFT DAMPER. B. PROVIDE DISCONNECT SWITCH. C. PROVIDE MOTOR MOUNTED ELECTRONIC SPEED CONTROL. D. PROVIDE WITH INTEGRAL GRILLE. E. PROVIDE WITH VIBRATION ISOLATION KIT. F. INTERLOCK FAN OPERATION WITH RESTROOM LIGHTING CONTROLS. G. PROVIDE LINE VOLTAGE THERMOSTAT. H. REFER TO LOUVER SCHEDULE.												

OSA CALCULATIONS					
CLASSIFICATION	AREA FT2 (Az)	CFM PER AREA FT2 (Ra)	OCCUPANT DENSITY (#/1000 FT²)	CFM PER PERSON (Rp)	ZONE EFFECTIVENESS (Ez)
OFFICE	450	0.06	5	5.0	0.8
CORRIDOR	352	0.06	0	5.0	0.8
$V_{bz} = R_p P_z + R_a A_z$ (5.0*5*450/1000)+(450*0.06+352*0.06) = 59.4 $V_{bz} = V_{bz} / E_z$ 59.4 / 0.8 = 74.2 TOTAL REQUIRED: 74.2 TOTAL SUPPLIED: 100					

HEAT PUMP SCHEDULE																	
MARK	SERVICE	MANUFACTURER	MODEL	STYLE	NOMINAL TONS	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	SEER	SUPPLY FAN		OSA (CFM)	ELECTRICAL			REFRIGERATION LINESET		WEIGHT (LBS)
									CFM	E.S.P. (IN. WC)		V/PH	MCA	MOCP	GAS	LIQUID	
EV1	OFFICE	MITSUBISHI	SLZ-KA09NA	CEILING CASSETTE	0.75	8.2	9.4	---	320	---	25	208/1	1	15	3/8	1/4	36
EV2	OFFICE	MITSUBISHI	SLZ-KA09NA	CEILING CASSETTE	0.75	8.1	9.4	---	320	---	25	208/1	1	15	3/8	1/4	36
EV3	CORRIDOR & BATHROOM	MITSUBISHI	SEZ-KD12NA4	CEILING CONCEALED	1.0	11.0	12.4	---	360	0.25"	50	208/1	1	15	3/8	1/4	47
EV4	DATA RACK	MITSUBISHI	PKA-A12HA6	WALL MOUNTED	1.0	11.0	---	---	370	---	---	208/1	1	15	1/2	1/4	29
EV5	CLIMATE STORAGE	MITSUBISHI	MSZ-FH09NA	WALL MOUNTED	0.75	8.6	12.0	---	300	---	---	208/1	1	15	3/8	1/4	29
EV6	CLIMATE STORAGE	MITSUBISHI	MSZ-FH09NA	WALL MOUNTED	0.75	8.6	12.0	---	300	---	---	208/1	1	15	3/8	1/4	29
EV7	FEED ROOM	MITSUBISHI	SLZ-KA09NA	CEILING CASSETTE	0.75	8.1	9.1	---	320	---	---	208/1	1	15	3/8	1/4	36
EV8	TRACK ROOM	MITSUBISHI	SLZ-KA09NA	CEILING CASSETTE	0.75	8.2	9.1	---	320	---	---	208/1	1	15	3/8	1/4	36
CU1	EV4	MITSUBISHI	PUY-A12NHA6	---	1.0	11.0	---	15.2	---	---	---	208/1	13	15			37
CU2	EV1, EV2, & EV3	MITSUBISHI	MXZ-3B30NA	---	2.5	27.3	31.2	17.5	---	---	---	208/1	18	25			150
CU3	EV5 & EV6	MITSUBISHI	MXZ-2B20NA	---	1.5	17.2	24.0	18.0	---	---	---	208/1	15	20			130
CU4	EV7 & EV8	MITSUBISHI	MXZ-2B20NA	---	1.5	16.3	18.2	15.2	---	---	---	208/1	15	20			130
NOTES: A. R410-A REFRIGERANT B. EQUIPMENT SHALL BE BY THE SAME MANUFACTURER. C. PROVIDE WITH CONDENSER COIL COATING FOR COASTAL APPLICATIONS. D. PROVIDE WITH FLOAT SWITCH IN AUXILIARY DRAIN PAN TO SHUT OFF UNIT WHEN WATER IS PRESENT. E. PROVIDE FLEXIBLE DUCT CONNECTORS AT ALL CONNECTIONS TO DUCTED UNITS. F. SPECIFIED FAN ESP ACCOUNTS FOR DUCT LOSSES EXTERNAL TO UNIT. G. PROVIDE WITH PROGRAMMABLE 7-DAY THERMOSTAT WITH AUTOMATIC CHANGEOVER FROM COOLING/HEATING. H. PROVIDE DISCONNECT SWITCH. I. ROUTE CONDENSATE TO APPROVED LOCATION. J. PROVIDE CONDENSATE PUMP. K. PROVIDE FILTER BOX. L. COORDINATE EXACT UNIT LOCATIONS AND ACCESS PANELS WITH ARCHITECT PRIOR TO INSTALLATION. M. REFRIGERATION LINE SETS ARE TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR. COORDINATE THE HORIZONTAL AND VERTICAL REFRIGERANT PIPE ROUTING AND FITTINGS TO DETERMINE PIPE SIZES FOR REFRIGERANT PIPING. MANUFACTURER SHALL PROVIDE DETAILED REFRIGERANT PIPING DIAGRAMS INCLUDING DIMENSIONAL DATA FOR ALL REFRIGERANT PIPING DEVICES. THE MANUFACTURER SHALL SIZE AND LOCATE THE ASSOCIATED REFRIGERANT TRAPS BASED ON THE ACTUAL ROUTING AND PROVIDE OTHER APPURTENANCES AS REQUIRED TO PROVIDE A FULLY FUNCTIONAL AND OPERATIONAL SYSTEM. COORDINATE WITH THE MANUFACTURER LOCATIONS FOR ALL REFRIGERANT PIPING DEVICES TO MAINTAIN SERVICEABILITY AND ACCESSIBILITY. FOLLOW ALL MANUFACTURER'S REQUIREMENTS FOR MAXIMUM BRANCH LINESET LENGTH AND TOTAL LINESET LENGTH. N. SECURE TO ROOF AND PLATFORM PER FBC. COORDINATE WITH ARCHITECTURE AND STRUCTURAL. O. CONTACT WILL McGEHEE WITH AIRETECH CORPORATION (479-756-8600, WILL@AIRETECHCORP.COM) FOR ADDITIONAL INFORMATION AND ASSISTANCE WITH MITSUBISHI PRODUCTS.																	

AIR DEVICE SCHEDULE									
MARK	SERVICE	MANUFACTURER	MODEL	STYLE	FRAME TYPE	FACE SIZE	NECK SIZE	MAX NC	NOTES
A	SUPPLY	TITUS	TDC-AA	ALUMINUM LOUVERED FACE DIFFUSER	SURFACE	24" X 24"	REF PLAN	30	A-E
B	RETURN	TITUS	PAR-AA	ALUMINUM PERFORATED RETURN DIFFUSER	SURFACE	24" X 24"	REF PLAN	30	A-E
C	EXHAUST	TITUS	50F	ALUMINUM EGGCRATE EXHAUST WITH ALUMINUM BORDER AND GRID	SURFACE	24" X 24"	REF PLAN	30	A-E
NOTES: A. NECK SIZE SHOWN ON DRAWINGS. B. DAMPER AT TAKE-OFF TO DEVICE. C. FINISH TO BE SELECTED BY ARCHITECT. D. PROVIDE NECK FOR DUCT CONNECTION. E. FRAME TYPE TO MATCH CEILING CONSTRUCTION, COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN.									

ARCHITECT:

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Interior Design,
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CIVIL ENGINEER:
Perez Engineering & Development
IRRIGATION:
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TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

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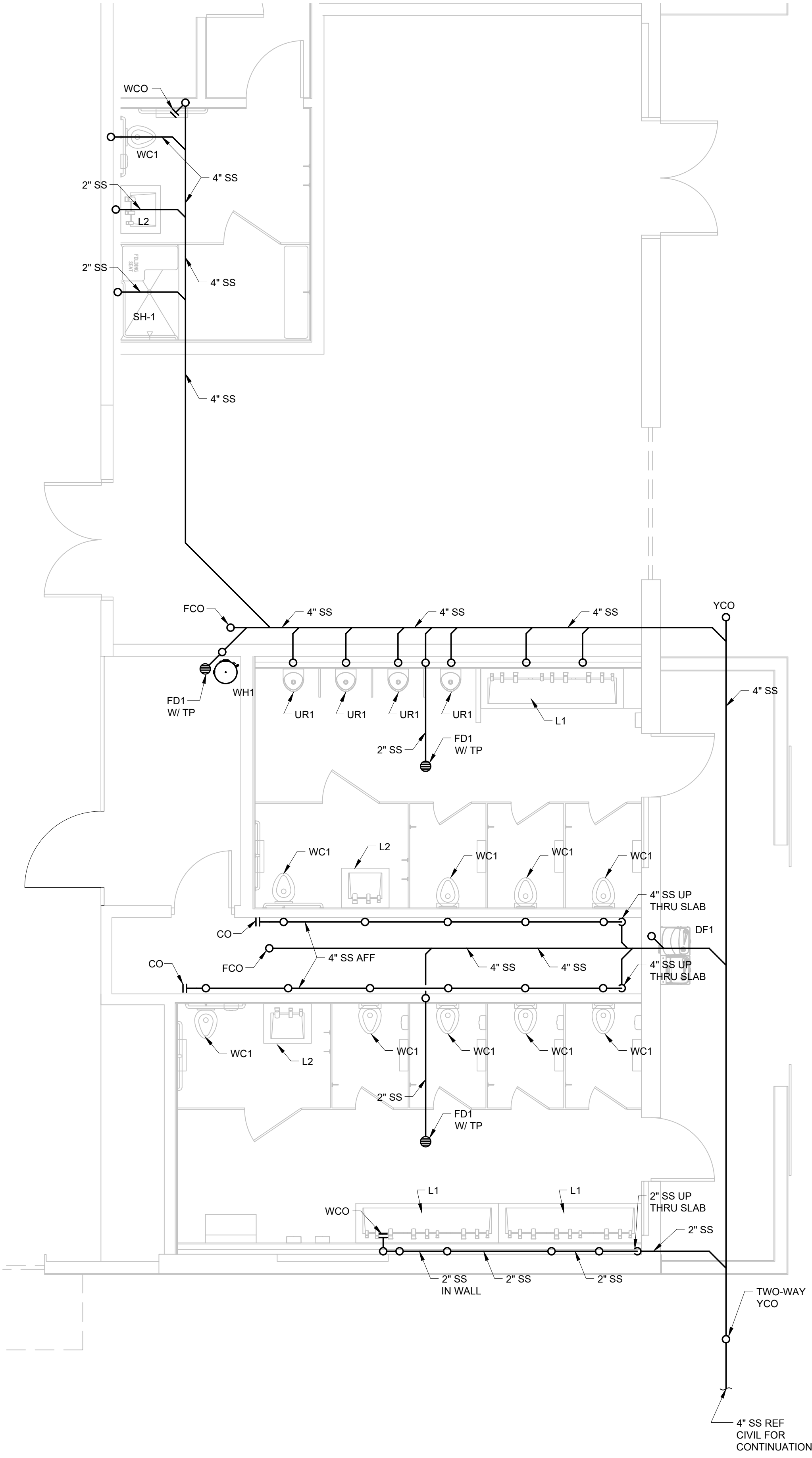
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18070

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JBC | JCW

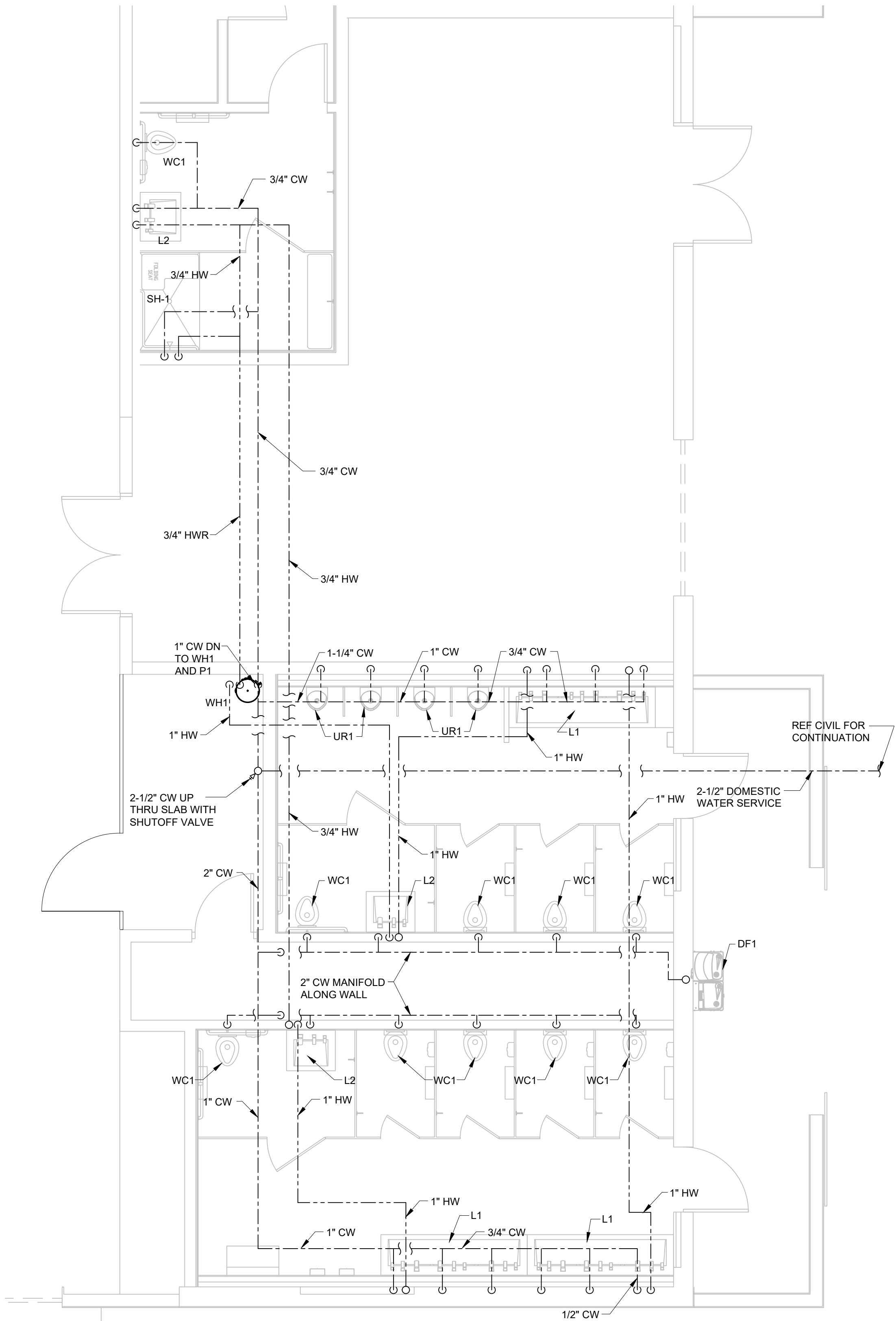
Title:
MECHANICAL
SCHEDULES

Sheet Number:
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Date: October 23, 2018
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1 DWV PLUMBING PLAN
1/4" = 1'-0"



2 WATER PLUMBING PLAN
1/4" = 1'-0"

PLUMBING GENERAL NOTES

- NOTES APPLY TO ALL PLUMBING SHEETS.
- EACH CONTRACTOR IS RESPONSIBLE FOR HAVING THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS AS THEY RELATE TO THIS WORK. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED DUE TO LACK OF THIS KNOWLEDGE.
- PROVIDE ALL MATERIALS FOR A COMPLETE INSTALLATION IN ALL RESPECTS READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS. OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY THIS WORK.
- EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND SITE VISITS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. COORDINATE NEW WORK AND DEMOLITION WITH OTHER DISCIPLINES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF WORK. REVIEW THE GENERAL NOTES AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES.
- PROVIDE A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS.
- REFER TO THE ARCHITECT OR OWNER'S CONSTRUCTION MANAGER A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS.
- PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.
- INSTALL CONCEALED PIPING TIGHT TO THE STRUCTURE AND AS HIGH AS POSSIBLE. INSTALL EXPOSED PIPING TIGHT TO THE STRUCTURE, WALL OR CEILING AND AS HIGH AS POSSIBLE. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS. COORDINATE LOCATIONS OF PIPING IN EXPOSED AREAS WITH ARCHITECT.
- COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTINGS, ETC. WHERE REQUIRED AND AS NOTED ON PLANS.
- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT INSTALL PIPING OVER ELECTRICAL PANELS.
- COORDINATE SEWER AND WATER CONNECTIONS WITH CIVIL AND AHJ. PROVIDE PRESSURE REDUCING VALVE AND BACKFLOW PREVENTER AS SHOWN OR REQUIRED BY AHJ. VERIFY INVERT AND SLOPE OF INCOMING SANITARY SEWER BEFORE TRENCHING.
- REFER TO RISER DIAGRAMS AND PLUMBING FIXTURE SCHEDULE FOR ALL PIPING AND PIPE SIZES NOT SHOWN ON PLAN.
- SANITARY AND STORM SEWER PIPING SHOWN IS BASED ON 1/4" PER FOOT FALL FOR ALL PIPE SMALLER THAN 3" DIAMETER AND 1/8" PER FOOT FALL FOR PIPE 3" DIAMETER AND LARGER.
- ALL SEWER PIPING BELOW SLAB TO BE 2" DIAMETER MINIMUM.
- PROVIDE ACCESS DOORS TO ALL CONCEALED VALVES AND CLEAN-OUTS; AND NOT ABOVE AN ACCESSIBLE CEILING.
- PROVIDE TRAP GUARDS OR TRAP SEAL PRIMERS AND 1/2" COPPER TUBING CONNECTION TO ALL FLOOR DRAINS AS SHOWN OR AS REQUIRED BY AHJ. CONTRACTOR SHALL VERIFY REQUIREMENTS.
- INSTALL VTR'S, EXHAUST FANS, AND FLUES A MINIMUM 5'-0" FROM PARAPET OR OUTSIDE WALL AND 10'-0" FROM EQUIPMENT WITH OUTSIDE AIR INTAKE.
- PROVIDE INSULATION ON HOT AND COLD WATER PIPING, ROOF DRAIN BODIES, AND HORIZONTAL ROOF DRAIN PIPING.
- INSTALL WATER PIPE ON INSIDE OF EXTERIOR WALL INSULATION TO PREVENT FREEZING.
- WHEN DEEP FROST LOCATIONS ARE ENCOUNTERED, ROUTE SANITARY LINES UNDER BUILDING AS MUCH AS POSSIBLE.
- PROVIDE PVC SLEEVE FOR ALL COLD/HOT WATER FLOOR PIPE PENETRATIONS. MAKE SLEEVE LARGE ENOUGH FOR INSULATION. SEAL WITH GRAY MASTIC AND ENSURE OF NO WATER PENETRATIONS.
- PROVIDE FIRE SEAL WHERE PIPES PENETRATE FIRE RATED ASSEMBLY.
- PROVIDE AND INSTALL WATTS 8A VACUUM BREAKER ON ANY THREADED EXTERIOR OR INTERIOR FAUCETS.
- VALVES SHALL BE LINE SIZE UNLESS NOTED OTHERWISE.
- ALL WATER SHUT-OFF VALVES SHALL BE "BALL LOCK" TYPE. PROVIDE SHUT-OFF VALVES AT EACH TERMINATION POINT OF ASSOCIATED EQUIPMENT.
- WATER HAMMER ARRESTORS SHALL BE SIZE "A" UNLESS NOTED OTHERWISE. PROVIDE WATER HAMMER ARRESTORS AS REQUIRED BY AHJ AND/OR CODE OR AS RECOMMENDED BY EQUIPMENT MANUFACTURERS.
- CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- FIELD ADJUST WATER CLOSET FLUSHING MECHANISM FOR PROPER FLUSHING OPERATION.
- PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC ZONE REQUIREMENTS PER LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR PERMITTING.

PLUMBING SYMBOLS

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)	
SYMBOL	DESCRIPTION
---	DOMESTIC COLD WATER (CW)
----	DOMESTIC HOT WATER (HW)
----	DOMESTIC HOT WATER RETURN (HWR)
—SS—	SANITARY SEWER (SS)
—GW—	GREASE WASTE (GW)
--FW--	FILTERED WATER (FW)
---RO---	REVERSE OSMOSIS WATER (RO)
—A—	COMPRESSED AIR (A)
—V—	VENT (V)
—T—	TEPID WATER (T)
—110—	TEMPERED WATER (110°F)
—G—	NATURAL GAS (G)
—LP—	LIQUID PROPANE (LP)
—CD—	CONDENSATE (CD)
—O—	PIPE: RISE / FALL / TEE DOWN
—S—	SHUT-OFF VALVE (SOV)
—C—	SHUT-OFF VALVE IN VERTICAL
—U—	UNION
—C—	CAP
—V—	VACUUM RELIEF VALVE
—O—	FLOOR CLEANOUT (FCO)
—FD—	FLOOR DRAIN, ROUND (FD)
—S—	FLOOR DRAIN, SQUARE (FD)
—FS—	FLOOR SINK (FS), FULL / HALF GRATE
—C—	CHECK VALVE
—S—	DOUBLE CHECK VALVE
—R—	REDUCED PRESSURE ZONE (RPZ)
—G—	GAS PRESSURE REGULATOR
—H—	GAS VALVE
—A—	AUTOMATIC GAS VALVE
—F—	FREEZE PROOF WALL HYDRANT (FPWH)
—H—	HOSE BIBB (HB)
—W—	WALL CLEANOUT (WCO)
—P—	PUMP
—X—	EXISTING ITEMS TO BE REMOVED OR RELOCATED (SHOWN HATCHED AND NOTED)

ANNOTATION	
—X—	PLAN KEYNOTE
—XXX—	PLUMBING EQUIPMENT DESIGNATION (CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE)
—C—	CONNECTION POINT OF NEW WORK TO EXISTING
—1—	DETAIL REFERENCE: UPPER NUMBER INDICATES DETAIL NUMBER, LOWER NUMBER INDICATES SHEET NUMBER
—1—	SECTION CUT DESIGNATION

ABBREVIATIONS

3CS	THREE-COMPARTMENT SINK
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
BAS	BUILDING AUTOMATION SYSTEM
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
EC	ELECTRICAL CONTRACTOR
ETR	EXISTING TO REMAIN
EW	EYE WASH
EWC	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
FPWH	FREEZE PROOF WALL HYDRANT
GC	GENERAL CONTRACTOR
IN WC	INCHES OF WATER COLUMN
HB	HOSE BIBB
HS	HAND SINK
I.E.	INVERT ELEVATION
MAX	MAXIMUM
MBH	1000 BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MHB	MIXING HOSE BIBB
MIN	MINIMUM
MS	MOP SINK
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
PS	PREP SINK
RC	REFRIGERATION CONTRACTOR
REF	REFERENCE
RH	RADIANT HEATER
RPZ	REDUCED PRESSURE ZONE
RTU	ROOF TOP UNIT
SOV	SHUT-OFF VALVE
TYP	TYPICAL
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VBF	VENT BELOW FLOOR
VBG	VENT BELOW GRADE
VTR	VENT THRU ROOF
WC	WATER CLOSET
WH	WATER HEATER

ARCHITECT:

K2M DESIGN

Architecture, Engineering,
Interior Design,
Asset Management,
Specialty Consulting

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Seal:



Consultants:

STRUCTURAL ENGINEER:
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CIVIL ENGINEER:
Perez Engineering &
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IRRIGATION:
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Inc.

Submissions:

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2018.05.14 - SD Submittal Set
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TRUMAN WATERFRONT 1B

CITY OF KEY WEST
WATERFRONT PARK

CITY OF KEY WEST
1300 White Street, Key West, FL, 33040

PLOTTED: 10/19/2018 10:56 AM

Drawing Size | Project #
18070

Drawn By: JBC | Checked By: JCW

Title:

PLUMBING PLANS

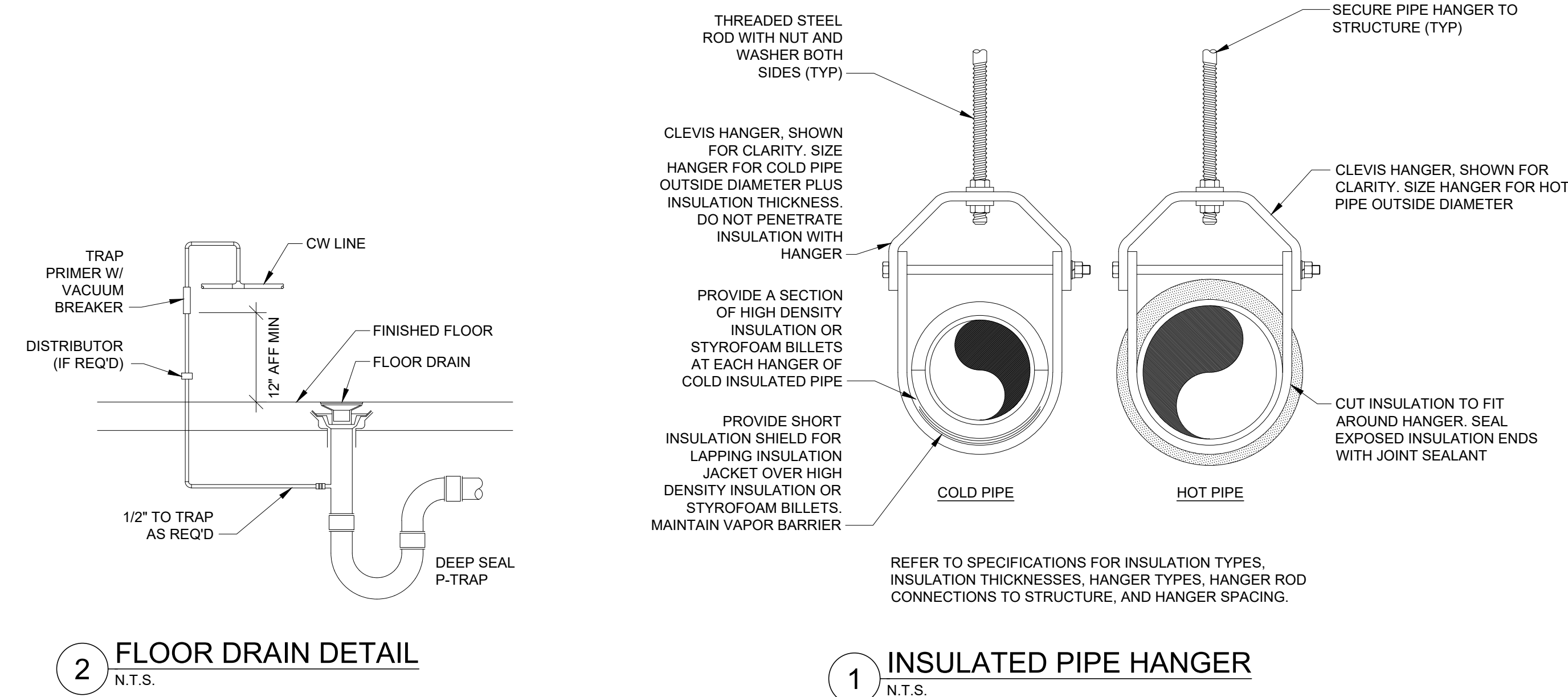
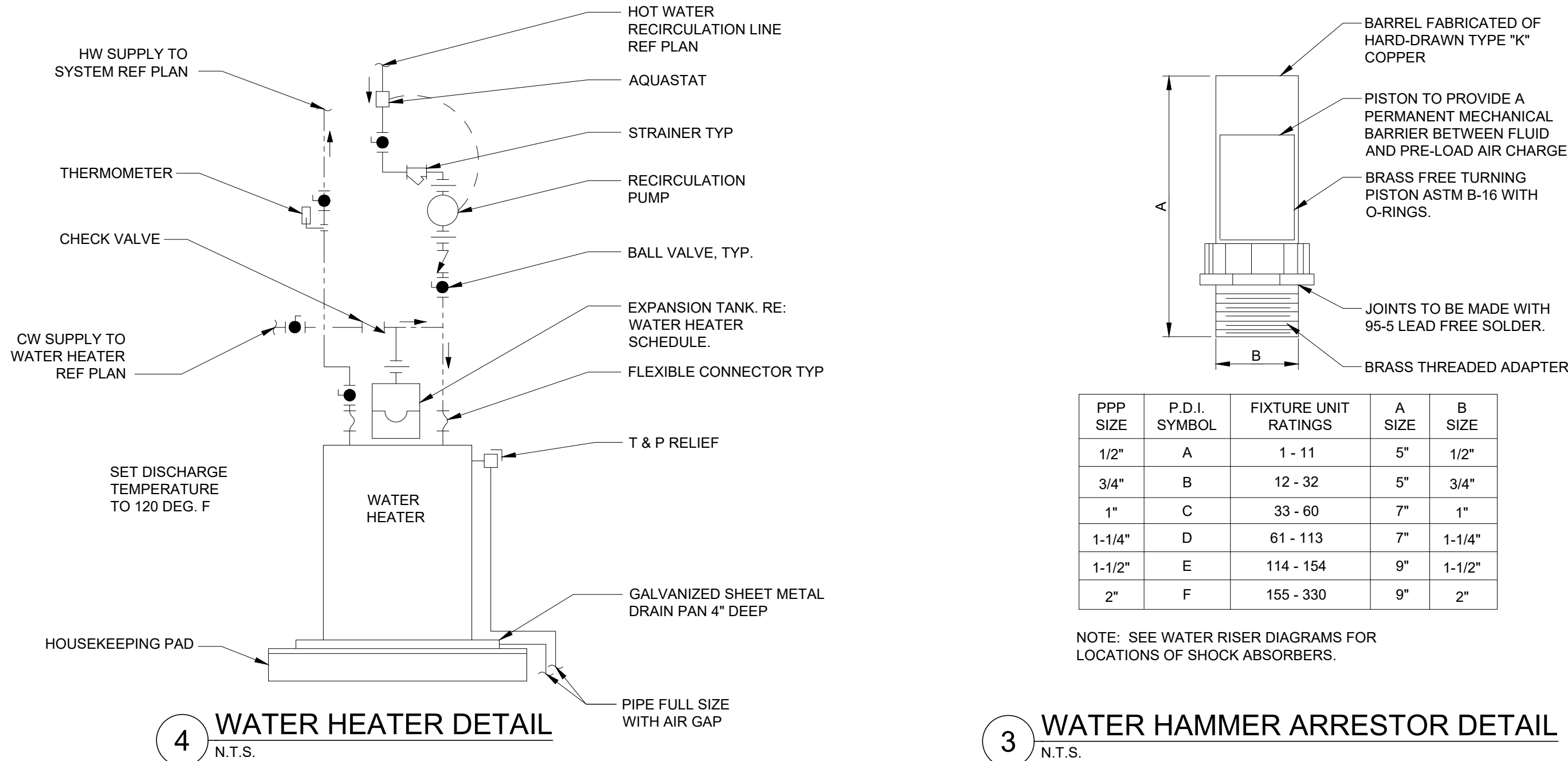
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Date: October 23, 2018

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SHOWER SCHEDULE							
FIXTURE	BRANCH SIZES (MIN.)				DESCRIPTION		
	CW	HW	WASTE	VENT			
ROLL-IN ACCESSIBLE SHOWER	1/2"	1/2"	2"	1-1/2"	ACCESSIBLE ROLL IN SHOWER REFER TO ARCH FOR SURROUND & OTHER ACCESSORIES.		
	COMPONENT		MANUFACTURER		MODEL	DESCRIPTION	ALTERNATES
	SHOWER TRIM		KOHLER		K-T8979-4-CP	CHROME (POLISHED), SHOWER TRIM. ADA COMPLIANT	
	SHOWER HEAD WALL MOUNT		SPEAKMAN COMPANY		S-2005-HB-E175	CHROME (POLISHED), 1.75 GPM FLOW RATE. PROVIDE SHOWER ARM AND FLANGE	
	SHOWER PAN		MINCEY MARBLE		SP-3162-C/SF	MATTE/TEXTURED NON-SLIP FLOOR. SHOWER DRAIN FOR USE WITH PRE-FORMED SHOWER BASE AND WITH 2" CAULKING CONNECTION. #2250 SOLID WHITE COLOR. (DRAIN CUTOUT PROVIDED VERIFY CONNECTION LOCATION PRIOR TO ORDER)	
	SHOWER PRESSURE BALANCING VALVE		KOHLER		RITE - TEMP PRESSURE, K-11748-KS-NA	DIVERTER INCLUDED.	
	SHOWER FLOOR DRAIN		KOHLER		K-9135-CP	POLISHED CHROME FINISH. COORDINATE DRAIN CONNECTION SIZES WITH EXISTING CONDITIONS	
	HANDHELD SHOWER ASSEMBLY		SPEAKMAN COMPANY		WLG-141.1	CHROME-PC FINISH. 2.0 GPM FLOW RATE. HANDHELD SHOWER ASSMBLY. SHOWER BAR INCLUDED. PROVIDE FLEXIBLE HOSE CONNECTION.	
FIXTURES LISTED ARE FOR BIDDING PURPOSES ONLY. FIXTURE MANUFACTURER, MODEL, STYLE, COLOR, ETC. SHALL BE APPROVED BY ARCHITECT AND OWNER.							



PLUMBING FIXTURE SCHEDULE								
MARK	FIXTURE	MANUFACTURER	MODEL	BRANCH SIZES (MIN.)				NOTES
				CW	HW	WASTE	VENT	
WC1	WATER CLOSET (ACCESSIBLE)	ZURN	Z5615.258	1-1/4"	---	4"	2"	MOUNT CONTROLS ON ACCESSIBLE SIDE OF TOILET. COORDINATE WITH FIXTURE SUPPLIER FOR LEFT/RIGHT HAND FLUSH LEVER TO COMPLY WITH ADA REQUIREMENTS, WHERE APPLICABLE.
UR1	URINAL (ACCESSIBLE)	ZURN	Z5768.207	1"	---	2"	2"	MOUNT CONTROLS ON ACCESSIBLE SIDE OF TOILET. COORDINATE WITH FIXTURE SUPPLIER FOR LEFT/RIGHT HAND FLUSH LEVER TO COMPLY WITH ADA REQUIREMENTS, WHERE APPLICABLE.
L1	LAVATORY (ACCESSIBLE)	SLOAN	AD-83000	1/2"	1/2"	1-1/2"	1-1/2"	PROVIDE P-TRAP WITH CLEANOUT. STOP VALVES, SUPPLIES, ESCUTCHEONS. PROVIDE TRUBRO LAV GUARD 2 E-Z SERIES PROTECTIVE PIPE COVERS FOR ALL EXPOSED PIPING. PROVIDE TMV, SET FOR 105°F DISCHARGE.
L2	LAVATORY	SLOAN	AD-81000	1/2"	1/2"	1-1/2"	1-1/2"	PROVIDE P-TRAP WITH CLEANOUT. STOP VALVES, SUPPLIES, ESCUTCHEONS. PROVIDE TRUBRO LAV GUARD 2 E-Z SERIES PROTECTIVE PIPE COVERS FOR ALL EXPOSED PIPING. PROVIDE TMV, SET FOR 105°F DISCHARGE.
DF1	DRINKING FOUNTAIN	ELKAY	VRCTLFR8SC	1/2"	---	1-1/2"	1-1/2"	BI-LEVEL, NON-FILTERED, REFRIGERATED, ADA VANDAL-RESISTANT, STAINLESS STEEL DRINKING FOUNTAIN.

SPECIALTY PLUMBING FIXTURE SCHEDULE					
MARK	FIXTURE	MANUFACTURER	MODEL	DESCRIPTION	NOTES
WHA	WATER HAMMER ARRESTOR	ZURN	1250 SERIES	CONFORM TO PDI WH-201, ANSI A112.26.1M, ASSE 1010; TEMP TO 250°F, MAX 350 PSIG WORKING PRESSURE	A
TMV	TEMPERATURE MIXING VALVE	WATTS	USG-B	+/- 3°F UP TO 120°F. WITH BUILT-IN CHECK VALVES, BRASS BODY, AND COPPER THERMOSTAT.	
TP	TRAP PRIMER	SIOUX CHIEF	695	BRONZE PRIMER VALVE WITH REMOVABLE OPERATING PARTS, INTEGRAL VACUUM BREAKER, AND GASKETED ACCESS COVER.	
FD1	FLOOR DRAIN	ZURN	Z415B	CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS. "TYPE B" POLISHED NICKEL-BRONZE, LIGHT DUTY STRAINER.	
FCO	FLOOR CLEANOUT	ZURN	ZN1400	CAST IRON BODY, ABS TAPERED THREAD PLUG, SCORIATED POLISHED NICKEL-BRONZE LIGHT DUTY TOP, ADJUSTABLE TO FINISHED FLOOR.	B
WCO	WALL CLEANOUT	ZURN	Z1470	THREADED, COUNTERSUNK BRONZE OR POLYPROPYLENE CLEANOUT PLUG, PROVIDE DRILLED TAP FOR CENTER SCREW AND STAINLESS STEEL COVER.	
YCO	YARD CLEANOUT	ZURN	Z1449	CAST IRON FERRULE AND PLUG, DURA-COATED CAST IRON, DOUBLE-FLANGED HOUSING, AND EXTRA HEAVY DUTY SCORIATED CAST IRON COVER WITH LIFTING DEVICE AND VANDAL-PROOF SCREWS.	B
--	VALVES	NIBCO	FP-600-A	FULL PORT BRASS BALL VALVE WITH PLASTIC JACKETED LEVER TYPE HANDLE.	
NOTES: A. SIZE PER MANUFACTURER'S RECOMMENDATION. B. CLEANOUT SHALL BE SAME SIZE AS PIPE BEING SERVED.					

ELECTRIC WATER HEATING SYSTEM SCHEDULE						
WATER HEATERS						
MARK	MANUFACTURER	MODEL	TANK SIZE (GAL)	INPUT (KW)	ELECTRICAL V/PH	MOCP
WH-1	A.O. SMITH	DRE-52-6	50	6.0	240/1	35
EXPANSION TANKS						
MANUFACTURER		MODEL	DESCRIPTION			
WATTS		PLT-12	FIXED BLADDER TYPE EXPANSION TANK. 4.5 GALLON MINIMUM TOTAL CAPACITY, FACTORY STANDARD PRECHARGE CAPACITY.			
PUMPS						
MARK	MANUFACTURER	MODEL	HP - V/PH/HZ	GPM - HEAD	DESCRIPTION	
P-1	BELL & GOSSETT	NBF 9U/LW	41W - 120/1/60	5 - 5 FT	BRONZE WET ROTOR INLINE CIRCULATOR PUMP WITH 3/4" SWEATED CONNECTIONS.	
NOTES:						
A. PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE.						
B. PROVIDE 4" THICK CONCRETE HOUSEKEEPING PAD OR WATER HEATER STAND.						
C. 120°F OUTLET TEMPERATURE.						
D. ROUTE DRAIN PAN AND T&P DRAIN PIPING TO FLOOR DRAIN.						

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WATERFRONT PARK
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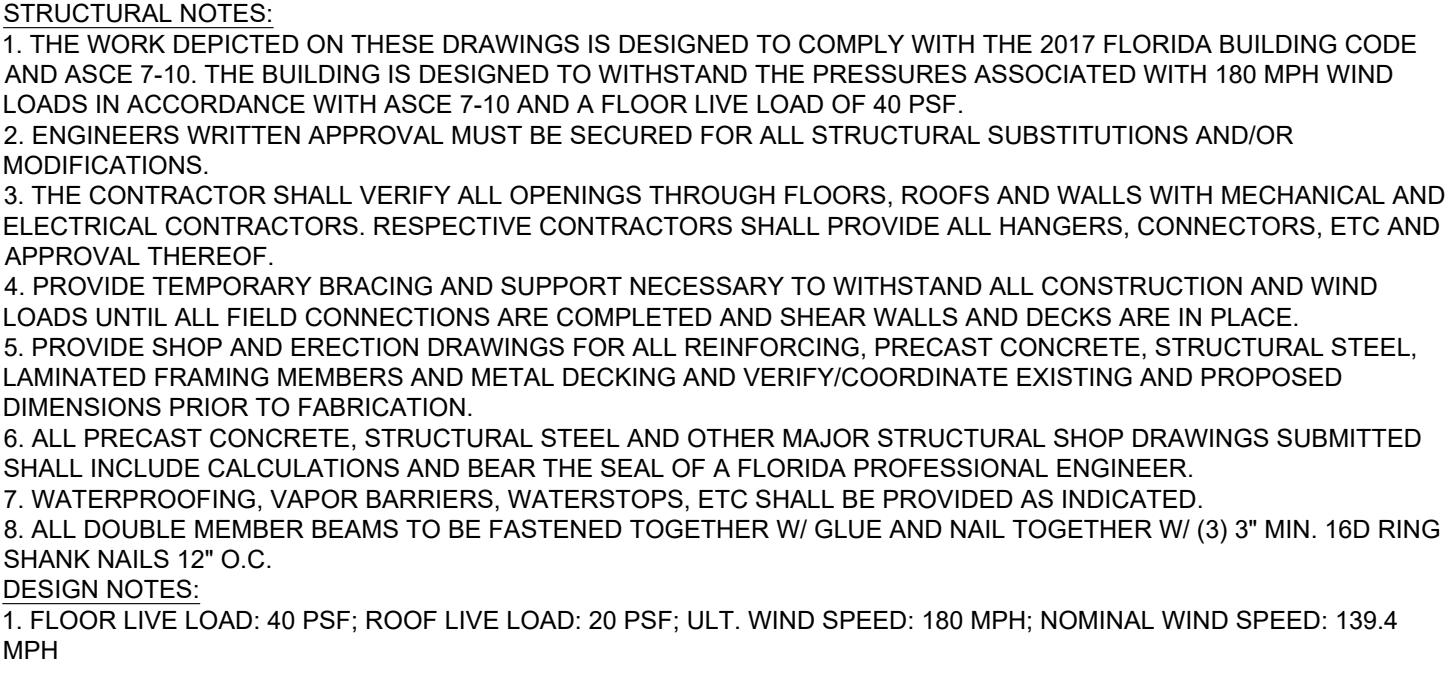
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DETAILS
AND
SCHEDULES

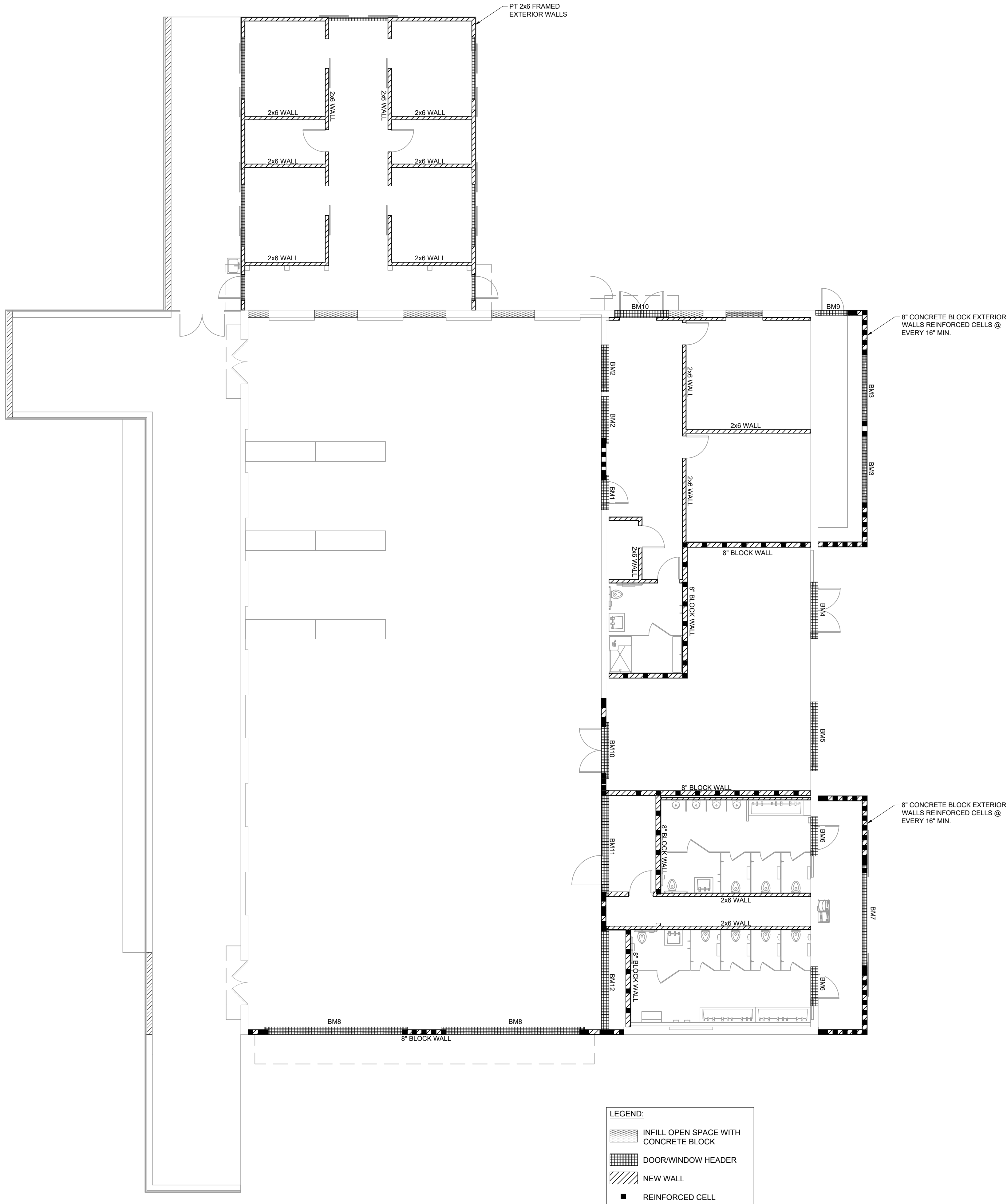
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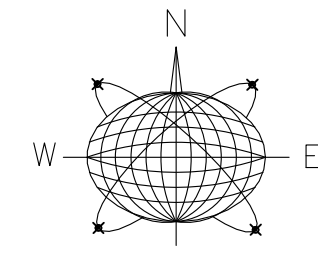
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BEAM SCHEDULE

BEAM	QUANTITY	SIZE & DESCRIPTION
BM1	1	1'-0"x1'-4"x4'-8" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM2	2	1'-0"x1'-4"x6'-4" CONCRETE BEAM W/ (2) #6 TOP BARS, (2) #6 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM3	2	0'-8"x2'-2"x10'-4" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 MIDDLE BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM4	1	0'-8"x1'-4"x7'-8" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM5	1	0'-8"x1'-4"x9'-4" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM6	2	0'-8"x1'-4"x5'-4" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM7	1	0'-8"x2'-2"x14'-0" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 MIDDLE BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM8	2	0'-8"x2'-0"x19'-4" CONCRETE BEAM W/ (2) #6 TOP BARS, (2 LAYERS) (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM9	1	0'-8"x1'-4"x4'-8" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM10	1	1'-0"x1'-4"x7'-4" CONCRETE BEAM W/ (2) #5 TOP BARS, (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM11	1	1'-0"x2'-0"x14'-5" CONCRETE BEAM W/ (2) #6 TOP BARS, (2 LAYERS) (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.
BM12	1	1'-0"x2'-0"x14'-8" CONCRETE BEAM W/ (2) #6 TOP BARS, (2 LAYERS) (2) #5 BOTTOM BARS, & #3 HOOPS @ 10" O.C.



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RICHARD J. MILELLI
PE #58315

General Notes:

TRUMAN WATERFRONT 1B

REMODEL

KEY WEST, FLORIDA

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ANF	RJM
Project No.	Scale:
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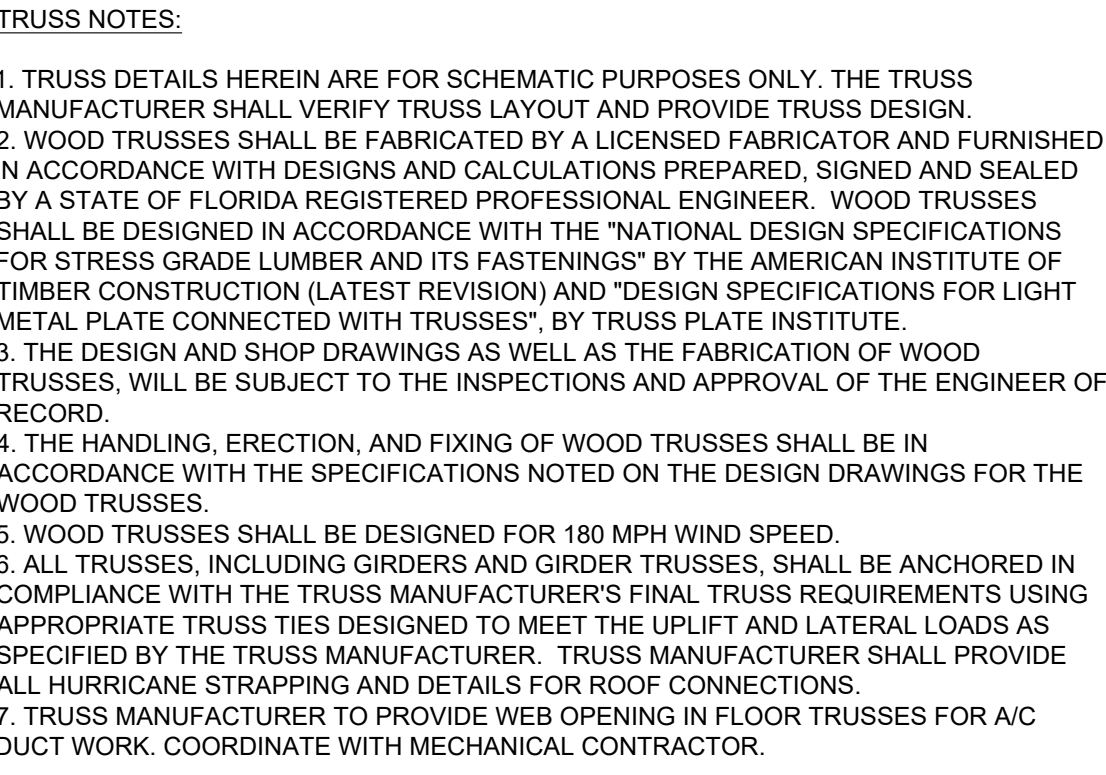
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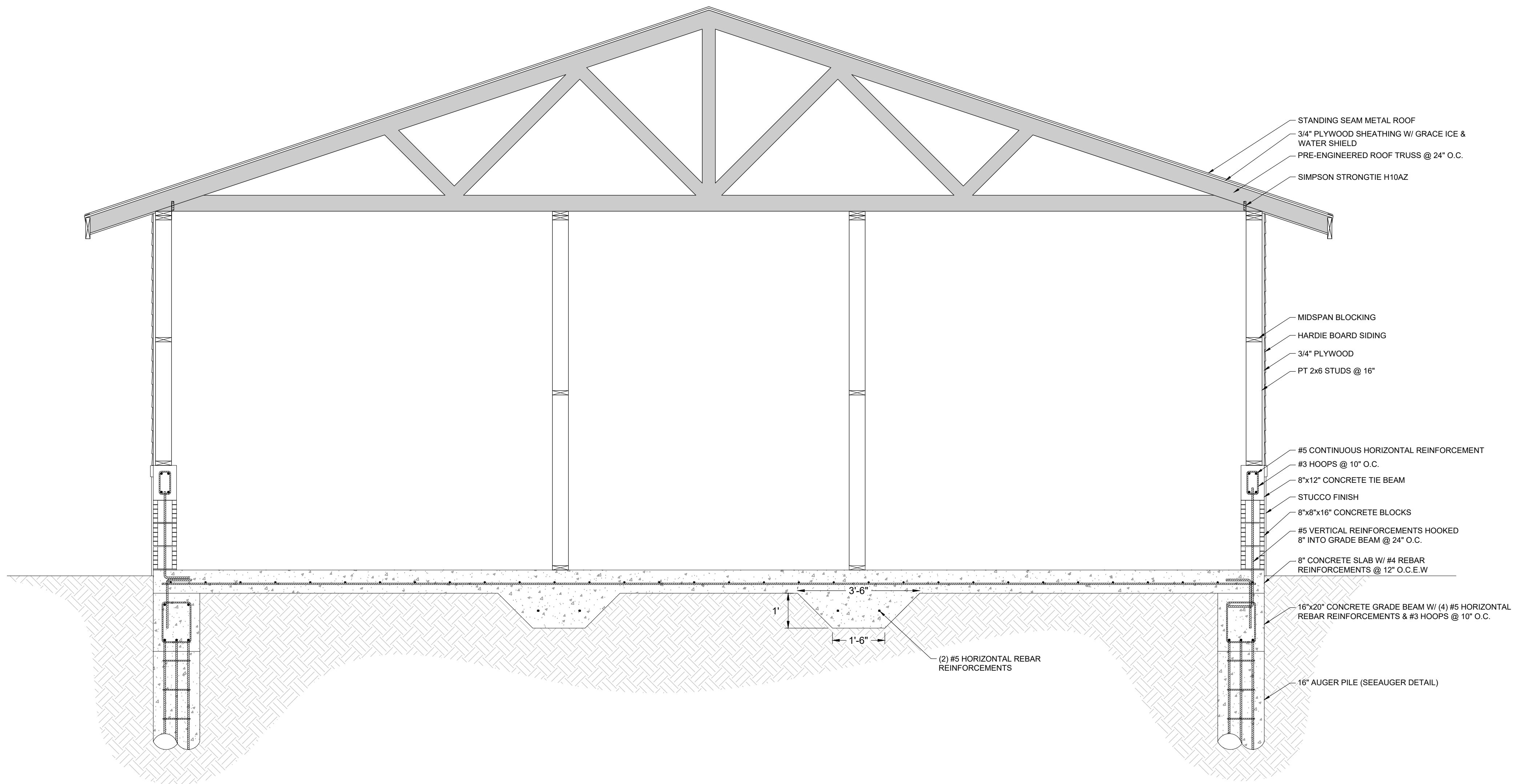
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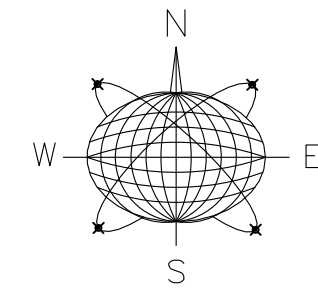
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1
S-4.0
HORSE STABLE SECTION
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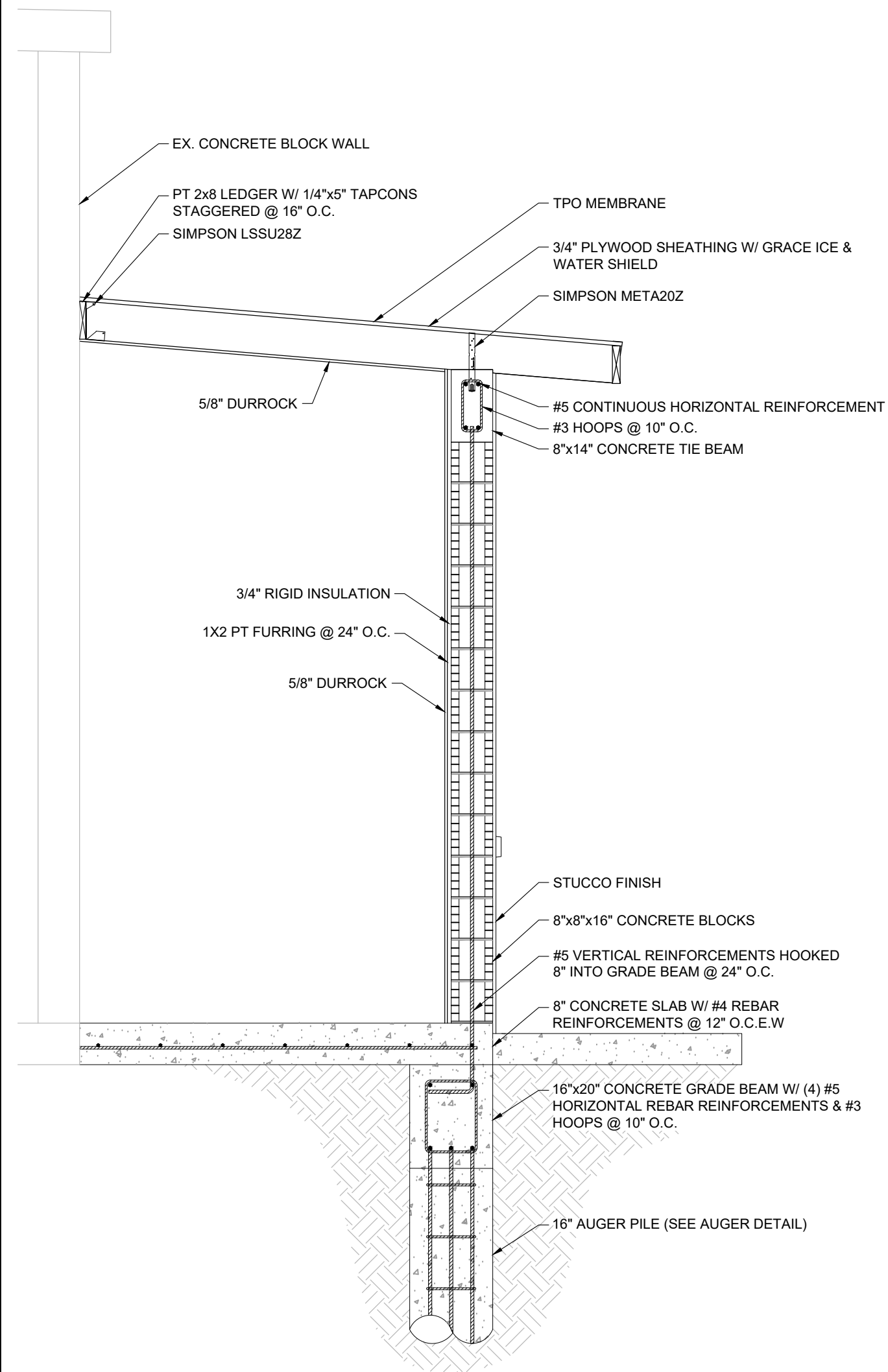
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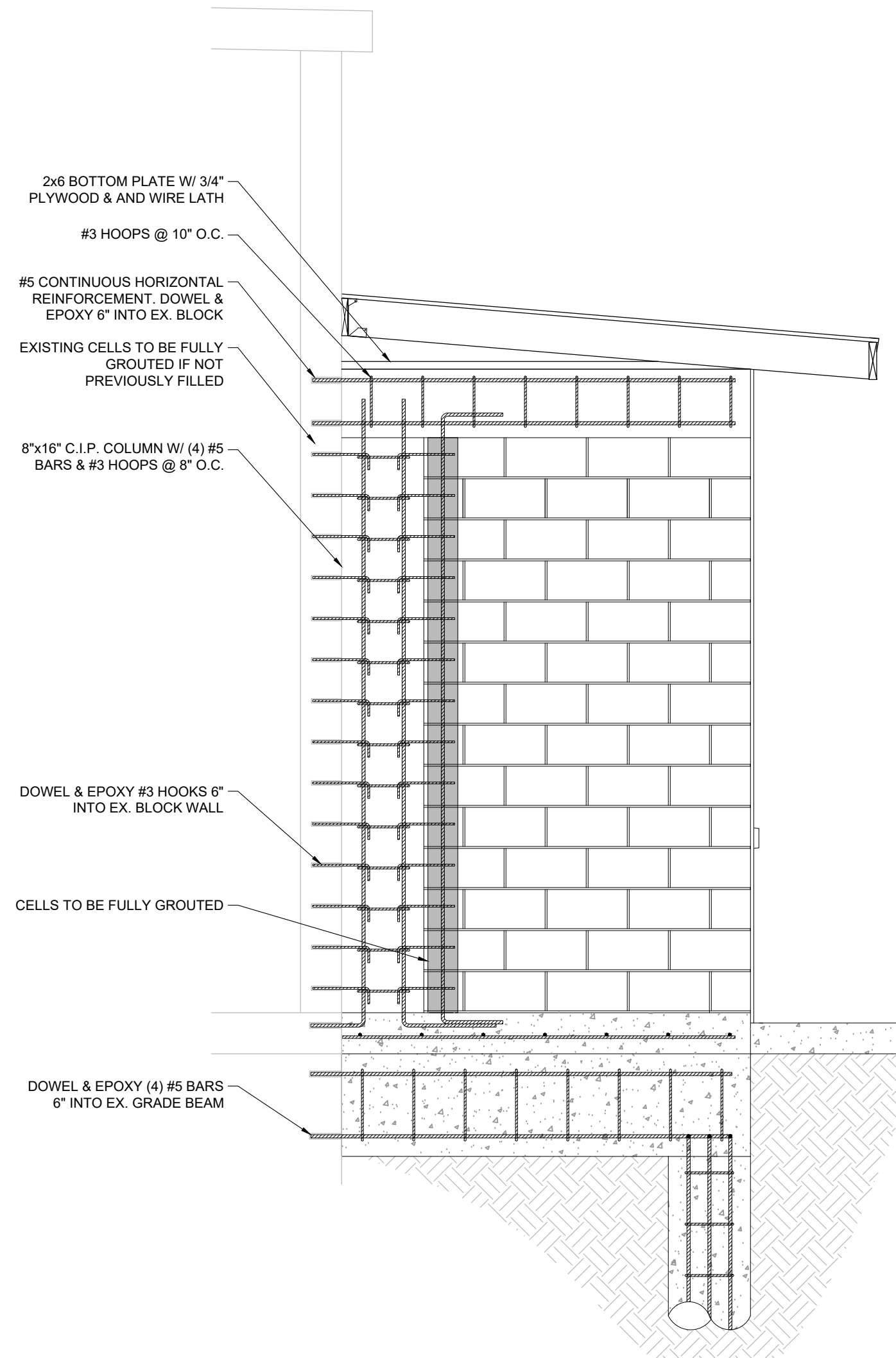
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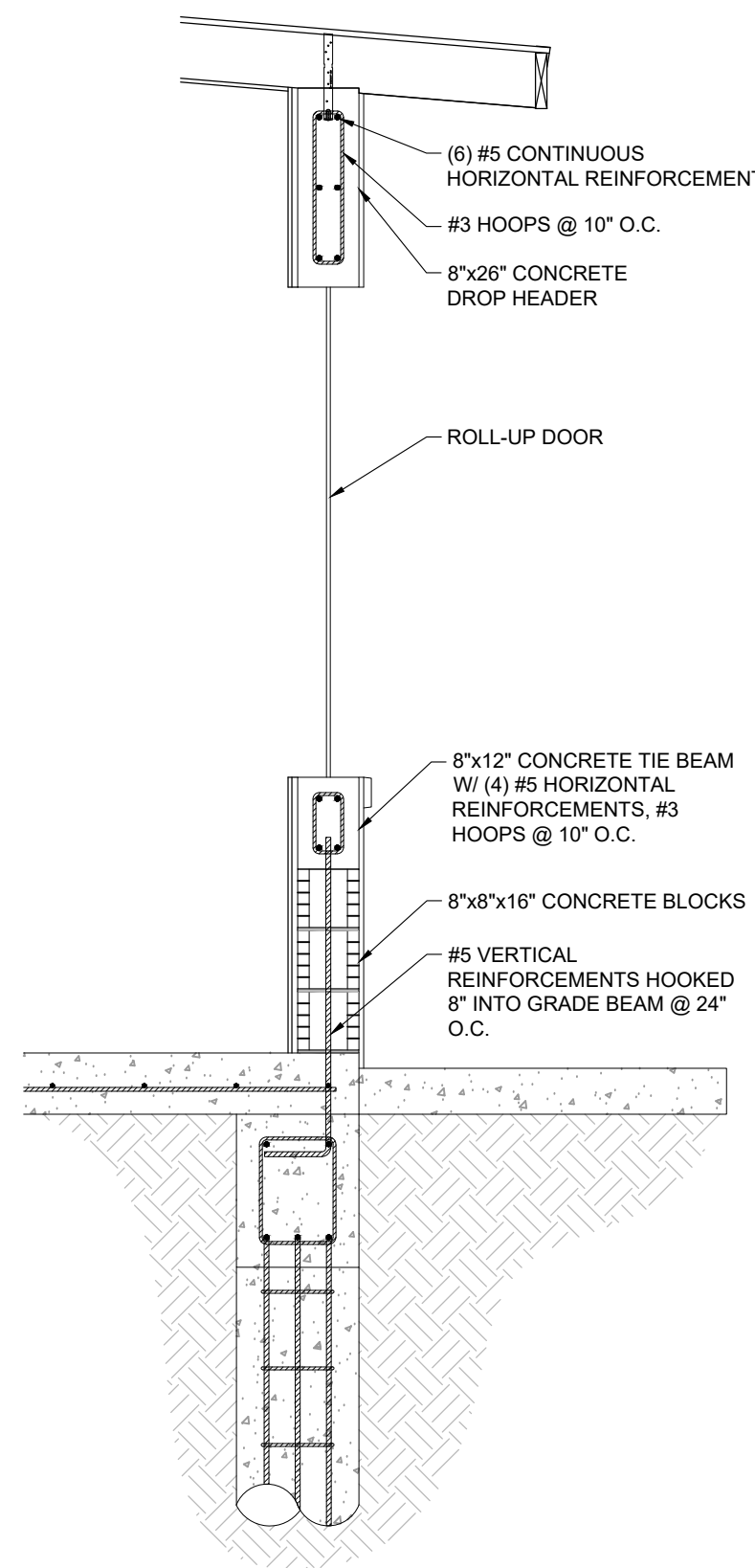
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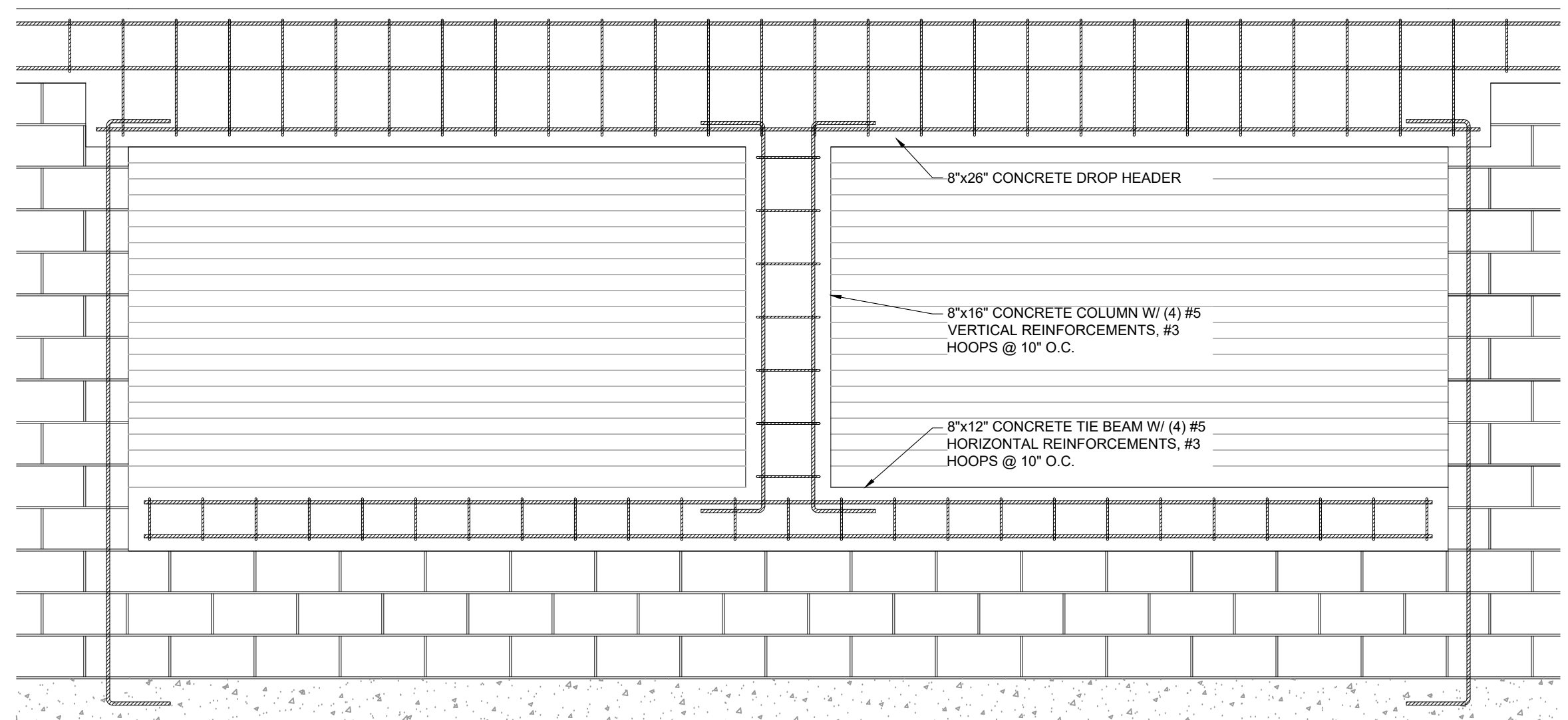
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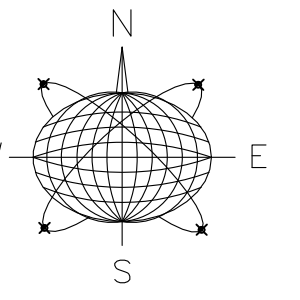
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3 CONCESSTION STAND SECTION
SCALE: N.T.S.



4 CONCESSTION STAND SECTION
SCALE: N.T.S.



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TRUMAN WATERFRONT 1B
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KEY WEST, FLORIDA

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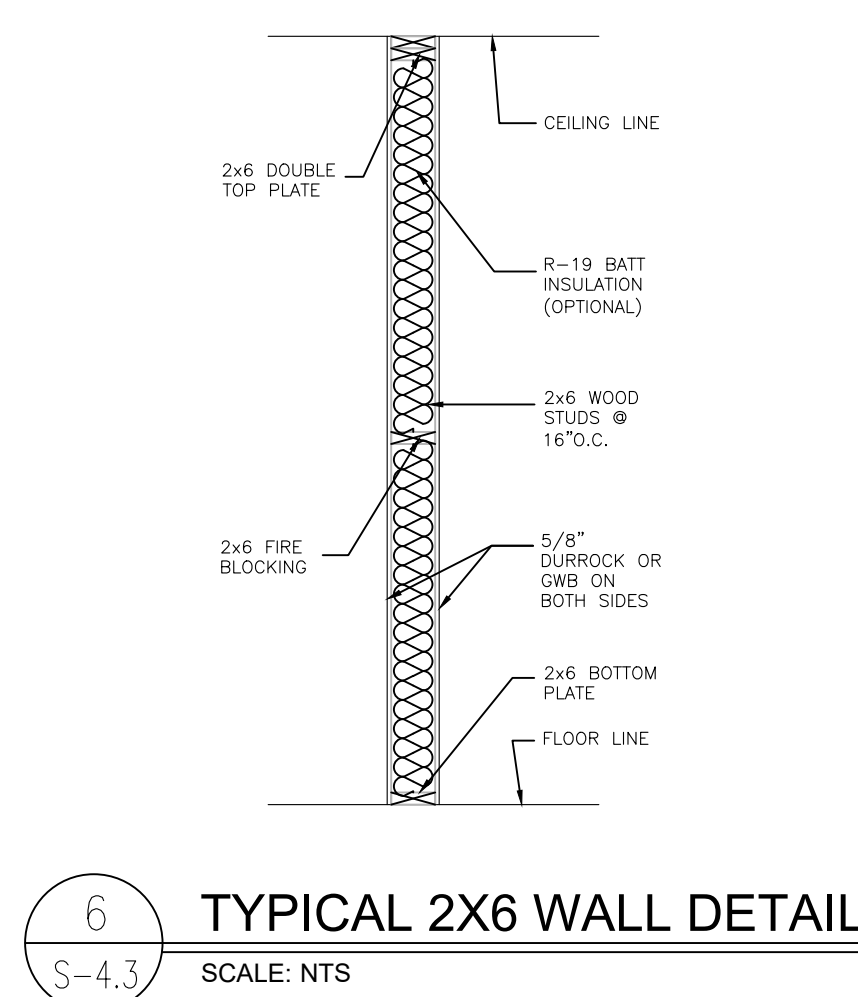
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1. TRUSS DETAILS HEREIN ARE FOR SCHEMATIC PURPOSES ONLY. THE TRUSS MANUFACTURER SHALL VERIFY TRUSS LAYOUT AND PROVIDE TRUSS DESIGN.
2. WOOD TRUSSES SHALL BE FABRICATED BY A LICENSED FABRICATOR AND FURNISHED IN ACCORDANCE WITH DESIGNS AND CALCULATIONS PREPARED, SIGNED AND SEALED BY A STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER. WOOD TRUSSES SHALL BE DESIGNED TO RESIST WIND WITH THE FOLLOWING DESIGN SPECIFICATIONS:
 - A. STRESS GRADE LUMBER AND ITS FASTENINGS BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (LATEST REVISION) AND "DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WITH TRUSSES" BY TRUSS PLATE INSTITUTE.
 - B. THE DESIGN AND SHOP DRAWINGS AS WELL AS THE FABRICATION OF WOOD TRUSSES, WILL BE SUBJECT TO THE INSPECTIONS AND APPROVAL OF THE ENGINEER OF RECORD.
3. THE HANDLING, ERECTION, AND FIXING OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS NOTED ON THE DESIGN DRAWINGS FOR THE WOOD TRUSSES.
4. WOOD TRUSSES SHALL BE DESIGNED FOR 180 MPH WIND SPEED.
5. ALL TRUSSES, INCLUDING GIRDERS AND GIRDER TRUSSES, SHALL BE ANCHORED IN COMPLIANCE WITH THE TRUSS MANUFACTURER'S FINAL TRUSS REQUIREMENTS USING APPROPRIATE TRUSS TIES DESIGNED TO MEET THE UPLIFT AND LATERAL LOADS AS NOTED ON THE TRUSS MANUFACTURER'S FINAL TRUSS REQUIREMENTS. THIS SHALL PROVIDE ALL HURRICANE STRAPPING AND DETAILS FOR ROOF CONNECTIONS.
6. TRUSS MANUFACTURER TO PROVIDE WEB OPENING IN FLOOR TRUSSES FOR A/C DUCT WORK. COORDINATE WITH MECHANICAL CONTRACTOR.



5 TYPICAL HEADER DETAIL
S-4.3 SCALE: NTS



DOOR PRESSURE CALCULATIONS			
DOOR NO.	SIZE	ZONE	MINIMUM ALLOWABLE PRESSURES
001	18'-0"x10'-0"	4	+54.1 / -59.6
002	18'-0"x10'-0"	5	+54.1 / -64.0
003	6'-0"x7'-0"	5	+60.3 / -76.3
004	6'-0"x7'-0"	5	+60.3 / -76.3
005	3'-0"x8'-0"	4	+62.6 / -68.2
012	3'-0"x8'-0"	4	+62.6 / -68.2
013	6'-0"x8'-0"	4	+59.7 / -65.2
014	3'-0"x8'-0"	5	+62.6 / -68.2
015	9'-0"x8'-0"	5	+58.0 / -71.7
016	9'-0"x8'-0"	5	+58.0 / -71.7
022	6'-4"x8'-0"	4	+59.5 / -65.0
023	8'-0"x8'-0"	4	+58.5 / -64.0
026	12'-8"x8'-0"	5	+56.5 / -68.8
029	8'-0"x8'-0"	4	+58.5 / -64.0
030	8'-0"x8'-0"	5	+58.5 / -72.7
031	8'-0"x8'-0"	5	+58.5 / -72.7
032	8'-0"x8'-0"	5	+58.5 / -72.7
033	8'-0"x8'-0"	4	+58.5 / -64.0
WINDOW PRESSURE CALCULATIONS			
WINDOW	SIZE	ZONE	MINIMUM ALLOWABLE PRESSURES
003	4'-0"x5'-0"	5	+63.4 / -82.6

 **Corner Zones**
Roofs - Zone 3

