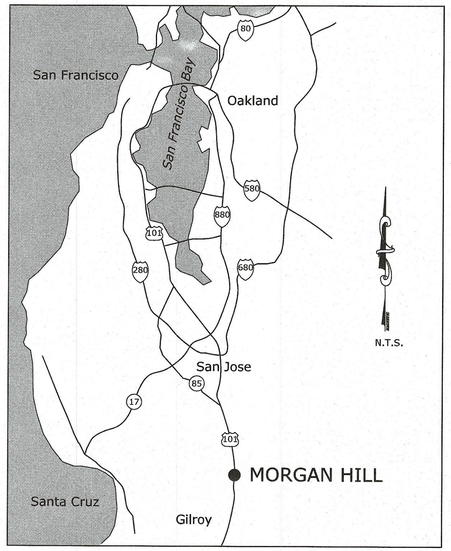
# CITY OF MORGAN HILL
# GALVAN PARK RESTROOM REPLACEMENT PROJECT

LOCATION MAP

N.T.S.

N.T.S.




BAY AREA VICINITY MAP

N.T.S.

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COVER SHEET

GALVAN PARK RESTROOM REPLACEMENT PROJECT

DRAWN: AEV | DESIGN: YC | HOR: N/A

CHECKED: YC | VERT: N/A

APPROVED: | DATE: 11/2/22 | JOB NUMBER:

SCOTT C. CREER-CITY ENGINEER PE 58879 EXP. 6/30/23

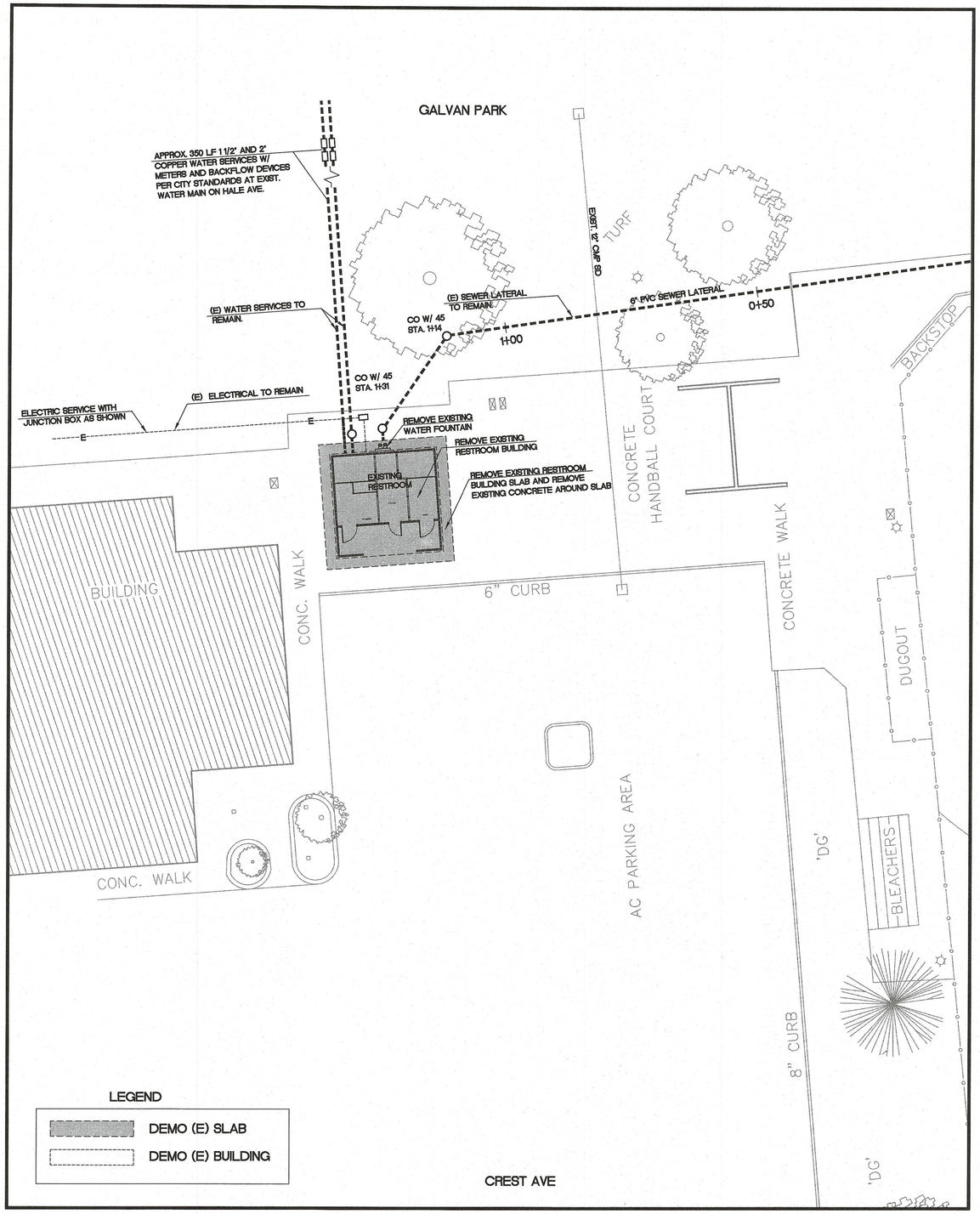

City of Morgan Hill
ENGINEERING AND UTILITIES
CITY OF MORGAN HILL
17575 Peak Ave, Morgan Hill, CA 95037 (408)778-6480 www.morgan-hill.ca.gov


| NO. | DESCRIPTION | DATE | BY |
|---|---|---|---|
| | Revisions | | |

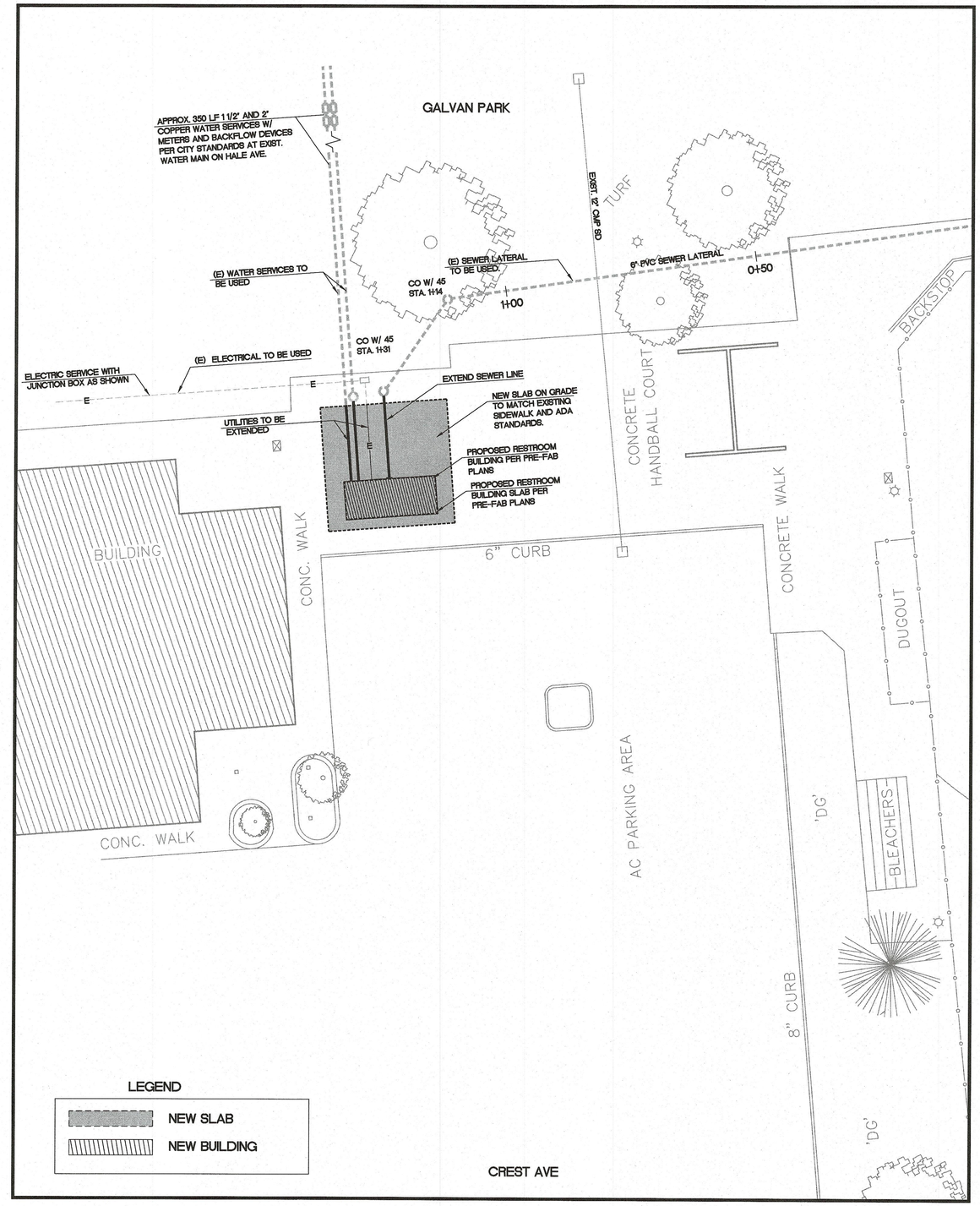
FILE NUMBER: 000.00

PRINT DATE: 10/11/2022

SHEET NUMBER: 1 of 34




## EXISTING SITE PLAN
SCALE: 1"=10'




## PROPOSED SITE PLAN
SCALE: 1"=10'

| NO. | DESCRIPTION | DATE | BY |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

PATH

Revisions

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: N/A
CHECKED: YC | VERT: N/A
APPROVED: DATE: 11/2/22 | JOB NUMBER:

SCOTT C. CREER-CITY ENGINEER
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SITE PLAN
GALVAN PARK RESTROOM REPLACEMENT PROJECT

FILE NUMBER:
PRINT DATE: 10/11/2022
SHEET NUMBER: 2 of 34

# JUPITER TWIN ACCESSIBLE USA

| EXELOO JUPITER TWIN ACCESSIBLE - DRAWING SCHEDULE | | |
|---|---|---|
| SHEET # | DESCRIPTION | REVISION |
| G1 | FINISHES SCHEDULE | 1-H |
| G2 | STANDARD DETAILS | N/A |
| G3 | FRONT PERSPECTIVE | N/A |
| G4 | REAR PERSPECTIVE | 1-H |
| B5 | ELEVATIONS | 1-H |
| B6 | FLOOR PLAN | 1-H |
| B7 | SECTION A-A | 1-H |
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| G16 | SIGN DOOR ASSEMBLY USA - ADA | 1-A |
| G17 | ACCESSIBLE RESTROOM DOOR SIGN | 1-A |
| B18 | FLOOR SLAB - PLAN & SECTION | 1-A |
| B19 | FLOOR SLAB - REINFORCING DETAIL | 1-A |
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| S23 | STEEL FRAME - ELEVATIONS & PLAN | 1-H |
| S24 | STEEL FRAME - ELEVATIONS | 1-H |
| S25 | STEEL FRAME - ELEVATION & DETAILS | 1-H |
| S26 | STEEL FRAME - SWING DOOR OPTION | 1-H |
| B27 | AUXILIARY CONTROL BOX LAYOUT | 1-H |
| B28 | MAIN CONTROL BOX LAYOUT | 1-H |
| B29 | MAX LOAD TABLE | 1-H |
| B30 | ELECTRICAL PANEL SCHEDULE - TWIN BOX | 1-H |
| B31 | APRON DETAIL | 1-H |

THIS DRAWING SET COVERS:
*1. JUPITER 22DD - AUTOMATIC TWIN ACCESSIBLE*
*2. JUPITER 32DD - SEMI-AUTOMATIC TWIN ACCESSIBLE*
*3. JUPITER 42/52DD - MANUAL TWIN ACCESSIBLE*

REFER TO EXELOO QUALITY ASSURANCE MANUAL FOR FIT-OUT OPTIONS

**WORK COMPLETED AT EXELOO FACTORY:**
1. PRE-FABRICATED TOILET UNIT - CONCRETE SLAB, STEEL FRAME STRUCTURE,
WALL CLADDING, INTERNAL WALLS, RESTROOM FITTINGS, ROOF & FLASHINGS (REMOVED FOR TRANSPORT)
2. PLUMBING & ELECTRICAL WORK

**NOTES:**
1. RESTROOM MANUFACTURER WILL DELIVER RESTROOM TO SITE AND CRANE ONTO GRADE BEAMS.
2. CONTRACTOR TO CONSTRUCT GRADE BEAMS AND BASE, EXTEND EXISTING UTILITIES AND PROVIDE FINAL CONNECTIONS (SANITARY SEWER, WATER AND ELECTRICAL).
3. CONTRACTOR TO INSTALL PREFABRICATED FOAM CORE ROOF PANELS AND FLASHING PER MANUFACTURER'S INSTRUCTIONS.
4. CONTRACTOR TO BE RESPONSIBLE FOR PROPER DISPOSAL OF ALL SPOILS AND SITE GENERAL RESTORATION AND CLEAN-UP (NOT INCLUDING TURF ESTABLISHMENT).
5. RESTROOM MANUFACTURER WILL TEST FINAL OPERATION OF FACILITY AND REMOTE COMMUNICATION

**1. SOILS INFORMATION**
A. NO SOILS REPORT PROVIDED. THE FOLLOWING IS AN ASSUMED VALUE:
1. DESIGN SOIL BEARING CAPACITY = 1500 psf
2. THE FOUNDATION IS DESIGNED PER IBC MINIMUM STANDARDS.
B. WITHOUT A SOILS REPORT THOM HUME CONSULTING ENGINEERS CANNOT BE RESPONSIBLE FOR FOUNDATION SETTLEMENTS OR MOVEMENTS.
C. MAINTAIN BOTTOM OF FOOTING SUCH THAT THE HORIZONTAL DISTANCE TO DAYLIGHT IS 40'-0" AND PER SEC 1808.7.2 OF CURRENT CBC EDITION.

**2. FOUNDATION INFORMATION**
A. CONCRETE:
A.A. MAXIMUM 28-DAY STRENGTH OF 3,000 psi
A.B. MAXIMUM WATER TO CEMENT RATIO OF 0.57
A.C. MAXIMUM AGGREGATE SIZE OF 1"
A.D. SLUMP OF 4" ±1"
A.E. NO SPECIAL INSPECTION REQUIRED
B. REINFORCING:
B.A. ALL REINFORCING SHALL BE ASTM A-615 GRADE 60
B.B. CLEAR COVER TO ALL REBAR SHALL BE 3"

**0000 CODES AND REFERENCES**
ALL GENERAL STRUCTURAL NOTES AND SPECIFICATIONS REFLECT THE PROVISIONS OF THE:
2019 CBC (CALIFORNIA BUILDING CODE)
ACI 318-14 (CONCRETE)
AISC 360-16/AISC-16/AISC 358-16 (STEEL)

SEISMIC:
Design Procedure:
**Equivalent Lateral Force Analysis**
Importance :1
Risk Category :2
Occupancy Category :II
Ss :2.72
$S_1$ :1.0
Sds :2.00
$Sd_1$ :1.1
Site Class :D
Seismic Design Cat. :E
Seismic Force Sys :OMF
Base Shear :3.75k
Cs :0.571
R :3.5
Analysis Procedure :LIN. STATIC

WIND:
Basic Wind Speed: 115 mph
Wind Exposure: C
Internal Presure Coefficient: ±0.18
Risk Category II

**PROJECT DATA:**

ADDRESS: ***STATEWIDE APPROVAL***

**CODES & STANDARDS:**

2019 CALIFORNIA BUILDING CODE (BASED ON THE 2018 IBC)
2019 CALIFORNIA MECHANICAL CODE (BASED ON THE 2018 UMC)
2019 CALIFORNIA PLUMBING CODE (BASED ON THE 2018 UPC)
2019 CALIFORNIA ELECTRICAL CODE (BASED ON THE 2017 NEC)
2019 CALIFORNIA GREEN BUILDING STANDARD CODE (CGBSC)
2019 CALIFORNIA ENERGY CODE

**BUILDING INFO:**

BLDG USE: PUBLIC RESTROOM
BLDG OCCUP: B
OCCUPANT LOAD: 1/PER STALL
CONSTRUCTION TYPE: (IBC 602) TYPE V-B
BLDG AREA: 135 SF (TABLE 506.2 ALLOWED 9,000 SF)
BLDG HTG: 9'-0" SINGLE STORY
EXITS REQD: 1/STALL
EXITS PROVIDE: 1/STALL
FIRE SUPRESSION: NON-SPRINKLERED

APPLICABLE LOADS:

ROOF LIVE LOAD: 20
DEAD LOAD: 10
SNOW LOAD: 20

FLOOR LOAD: 40

WIND SPEED: 115
EXPOSURE: C
SEISMIC DESIGN CATEGORY: E
RISK CATEGORY: 2

BLDG HVAC: N/A

**NOTE:**
**1. THIS IS A NON-CONDITIONED BUILDING**
**2. THIS BUILDING HAS NOT BEEN DESIGNED FOR WILDFIRE LOCATIONS (WUI)**
**3. SNOW LOADING NOT CONSIDERED IN THIS DESIGN**


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**USA**
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PO Box 13310 San Luis Obispo CA 93406
T: (800) 676-5290 or 1-800-303-3506


| Description: | Proj: | Units: | Rev. | Rev Date. |
|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA | | in | 1-H | 24/08/2022 |
| | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. G |
| | | | | Drawing No: **ASJUP22DD-US1BON** |

DO NOT SCALE - IF IN DOUBT ASK
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

# EXELOO FINISHES SCHEDULE

**STRUCTURAL**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 1 | Floor | Stresscrete | Steel Reinforced concrete | Slab thickness 6 5/16"/5 1/8" steel reinforced concrete |
| 2 | Walls | Galvanised steel frame | Electro Plated Duragalv | 3/16" & 1/8" thick electroplated galvanised steel |
| 3 | Roof Frame | Galvanised steel frame | Electro Plated Duragalv | 3/16" & 1/8" thick electroplated galvanised steel |

**EXTERIOR LININGS**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 4 | Wall Cladding | Fibre Cement Solutions Ltd | Eterpan MD Fibre cement sheet | 1/2" & 11/16" Fibre cement laminated sheet |
| 5 | Roof | MetalCraft | MetecnoSpan (PIR) | 3-1/8" panel M 4880 Approved Class 1 - Unlimited Height. FM 4881 Approved Class 1 - Unlimited Height. FM 4471 Approved Class 1 -External roof and wall endurance standard. |
| 6 | Gutter & Flashings | Steel & Tube | Coloursteel | 10 -15 years warranty under right maintenence plan |
| 7 | Vent Pipes | Ferguson | Schedule 40 Pipe & Fittings | 4" Schedule 40 pipe and fittings for drain waste and vent applications |
| 8 | Doors | Cavity Sliders | Stainless steel T316 Brushed | Stainless steel sheet skin with alloy interior |
| 9 | Paint | Altex | Epoxy 2 part paint | 5 - 10 years warranty under the right maintenance plan |
| 10 | Grills | Exeloo | Solid grills cut and folded by Exeloo | T316 Stainless Steel Brused #4 |

**INTERIOR LININGS**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 11 | Wall Cladding | Fibre Cement Solutions Ltd | Eterpan MD Fibre cement sheet | 1/2" & 11/16" Fibre cement laminated sheet |
| 12 | Floor Finish | Cutting Edge Tiling | Brasil Nero Charcoal | Ceramic Non Slip tiles 17 11/16" x 17 11/16" |
| 14 | Wall linings - Toilet/Shower | Cutting Edge Tiling | Sanctuary Cool White | Ceramic tiles 11 13/16" x 23 5/8" |

**ELECTRICAL FITTINGS**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 16 | Control Box | PLC Power | PLC Control Box | Proface LT3300-T |

**PLUMBING FITTINGS**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 19 | Toilet pans | Stoddart | Stainless steel | 23 5/8" - 27 9/16" stainless pans. |
| 20 | Zurn Valve | MacDonald Industries | Flushing system | 1.28gal (4.8L) max. per flush |
| 21 | Water supply system | Mico | Stainless steel crimp ring plumbing system | RIIFO Rifeng Pex Pipe & MLP (multilayer pipes) – DZR Universal Fittings |
| 22 | Waste water system (DWV) | Ferguson | Schedule 40 Pipe and Fittings | 1-1/2" to 4" Schedule 40 pipe and fittings for drain waste and vent applications |
| 23 | WS 400 | Duraclenz | Stainless Steel recessed unit | Soap, Water & hand dryer built in wash station, Lavatory Faucet 0.5gpm (max.) @ 60psi (1.9L/m @ 414kPa) |
| 24 | Flush Valve Water Solenoid | SMC | SIRAI L177B04 | PS = 30 bar |

**HARDWARE**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 25 | Door hardware | Legge | Legge 800 Series | Forged Brass and 10 year warranty |
| 26 | Grab rails | Superquip | Stainless Steel | 1 1/4" knurled stainless grab rails |

**SEATING & TABLES**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 27 | Baby Change table | Duraclenz | Stainless Steel & fibreglass inserts | Weight limit 187lbs |

**ACCESSORIES**

| # | ITEM | SUPPLIER | DETAIL | SPECIFICATION |
|---|---|---|---|---|
| 30 | Floor Dry Fans | Fantech | CEG MN80C2 - 0MLT | 1.5kw 230V |
| 31 | Extract Fans | Fantech | Fantech FR150 USA | 120V CFM 263 |
| 32 | Exterior Lights | Dualcom Technology Ltd | Battenpro-300-12V LED SMD2835 | 1000Lm 10W IP65 |
| 33 | Interior Lights | Dualcom Technology Ltd | Battenpro-600-12V LED SMD2835 | 2000Lm 20W IP65 |
| 34 | Speakers | VEXX | For music & instruction | 5" speaker |
| 35 | Security System | Intergrated Consulting | Dahua Starlight pinhole camera | 2MP HDCVI covert camera with 3.6mm lens |
| 36 | Paper Dispenser | Duraclenz | Stainless Steel EMD8200RH | Dual roll holder |
| 37 | Nappy / Sani chute | Duraclenz | Hinged flap chute | Stainless Steel T304 Brushed |


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| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. G 1 |
| | | | | Drawing No: ASJUP22DD-US1BON |

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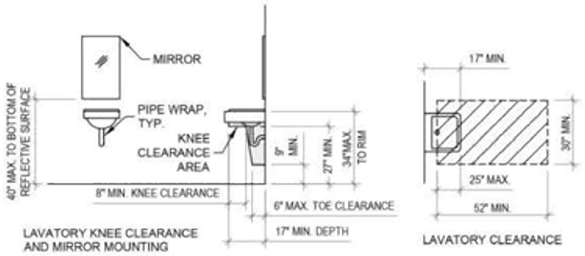
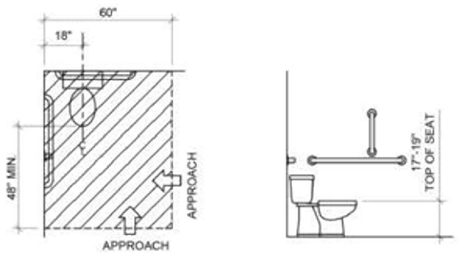
# STANDARD DETAILS

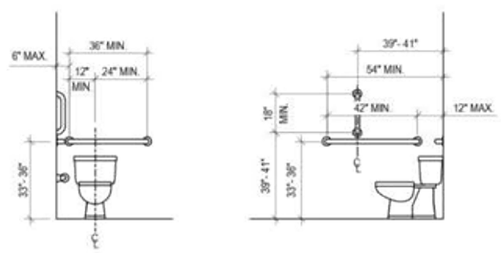
## PLUMBING FIXTURES



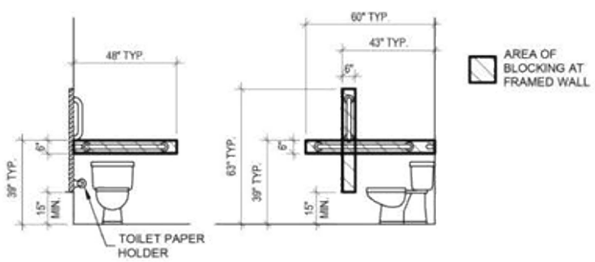

CLEARANCE AT LAVATORIES AND SINKS — ANSI FIGURE C606.2(a) AND FIGURE 306.2



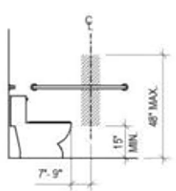

CLEARANCE AT WATER CLOSETS AND HEIGHT — ANSI FIGURE 604.3 AND FIGURE 604.4




GRAB BARS AT WATER CLOSETS — ANSI FIGURE 604.5.1 AND FIGURE 604.5.2



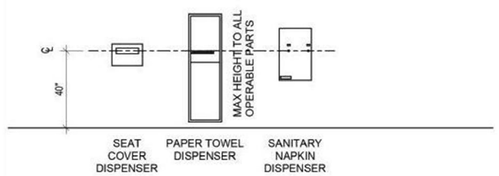

BLOCKING AT WATER CLOSET GRAB BARS



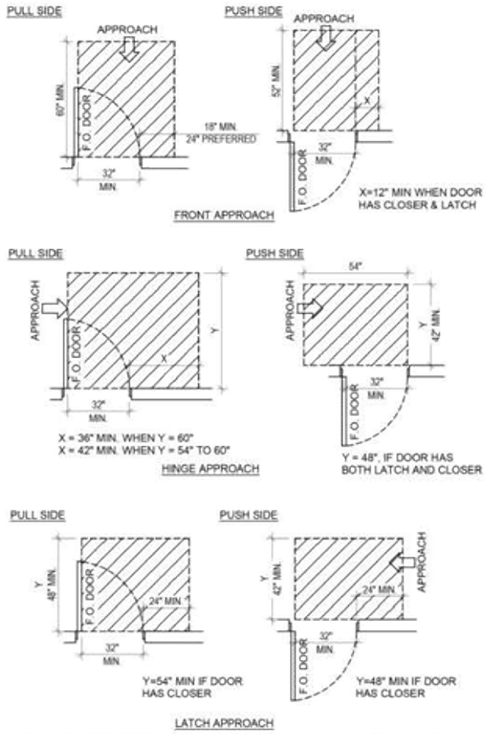

TOILET PAPER DISPENSER OUTLET LOCATION — FIGURE 604.7

WALL MOUNTED DEVICES AND APPLIANCES

NOTE:
1. WALL MOUNTED DEVICES SHALL NOT EXTEND MORE THAN 4" BEYOND WALL SURFACE WHEN LOCATED BELOW 6'-8"

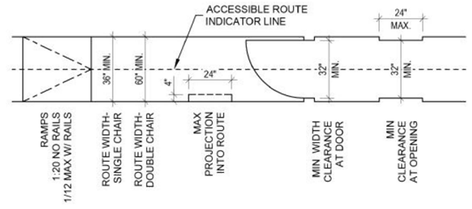



## DOORS

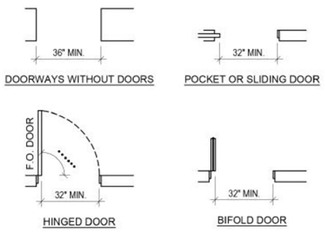



MANEUVERING CLEARANCES AT SWINGING DOORS — ANSI SECTION 404.2.3

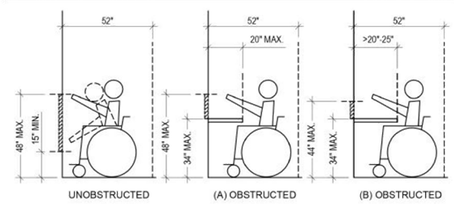
## CLEARANCES



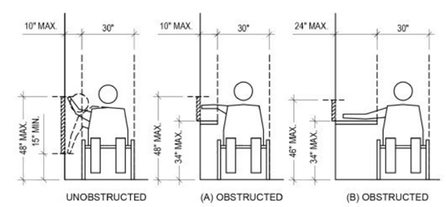

CLEAR WIDTH OF AN ACCESSIBLE ROUTE — ANSI FIGURE 403.5 AND FIGURE C403.5



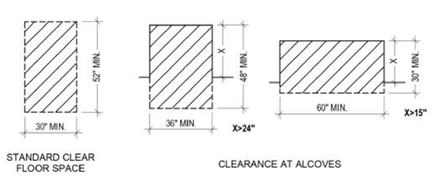

CLEAR WIDTH OF DOORWAYS — ANSI FIGURE 404.2.2



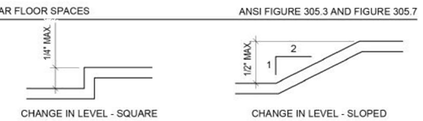

FORWARD REACH REQUIREMENTS — ANSI FIGURE 308.2.1 AND FIGURE 308.2.2



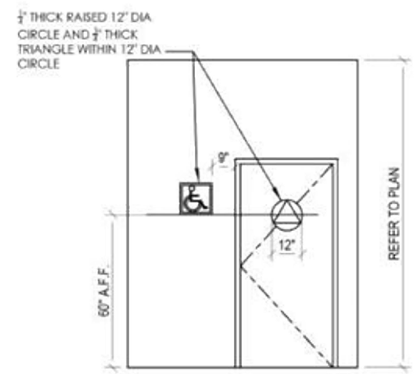

SIDE REACH REQUIREMENTS — ANSI FIGURE 308.3.1 AND FIGURE 308.3.2




CLEAR FLOOR SPACES — ANSI FIGURE 305.3 AND FIGURE 305.7




LEVEL CHANGE ON ACCESSIBLE ROUTE — ANSI FIGURE 303.2 AND FIGURE 303.3




1. PROVIDE GEOMETRIC SYMBOLS ON RESTROOM COLOR AND CONTRAST SHALL BE IDENTIFIED FROM THE COLOR AND CONTRAST OF THE DOOR.
2. ALSO PROVIDE SIGNAGE WITH RAISED LETTERING AND BRAILLE LOCATED ON THE WALL ADJACENT TO THE STRIKE THE RESTROOM.

DOOR SIGNAGE ELEVATION

N.T.S.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| Description: | Proj: | Units: | Rev. | Rev Date. |
|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA | | in | 1-H | 24/08/2022 |
| | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. G 2 |
| | | | | Drawing No: ASJUP22DD-US1BON |

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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

# JUPITER | TWIN ACCESSIBLE | USA

| REV | DESCRIPTION | DATE |
|---|---|---|
| 1-H | CONTROL BOX, AUX CONTROL BOX LAYOUT & LOAD TABLE | 15/010/2020 |
| 1-G | BABY CHANGE TABLE & HAND RAIL COMPLIANCE | 05/08/2020 |
| 1-F | PLAN REVISION AS PER HCD MARKUP 11/6/2020 | 10/07/2020 |
| 1-E | INCREASE SLAB 2in (50mm) OVERALL | 03/04/2020 |
| 1-D | PLAN REVISION AS PER HCD MARKUP 15/8/2019 | 30/08/2019 |
| 1-C | ELONGATED TOILET PANS | 03/12/2018 |
| 1-B | 700mm PANS | 14/11/2018 |
| 1-A | UPDATED FROM COMMENTS 18/10/2018 | 18/10/2018 |

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|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA | | in | 1-H | 24/08/2022 |
| | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. G 3 |
| | | | | Drawing No: **ASJUP22DD-US1BON** |

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# REAR PERSPECTIVE

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| | | | | | |
|---|---|---|---|---|---|
| Description: JUPITER TWIN ACCESSIBLE USA | | Proj: | Units: in | Rev. 1-H | Rev Date. 24/08/2022 |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. G 4 | Drawing No: ASJUP22DD-US1BON |

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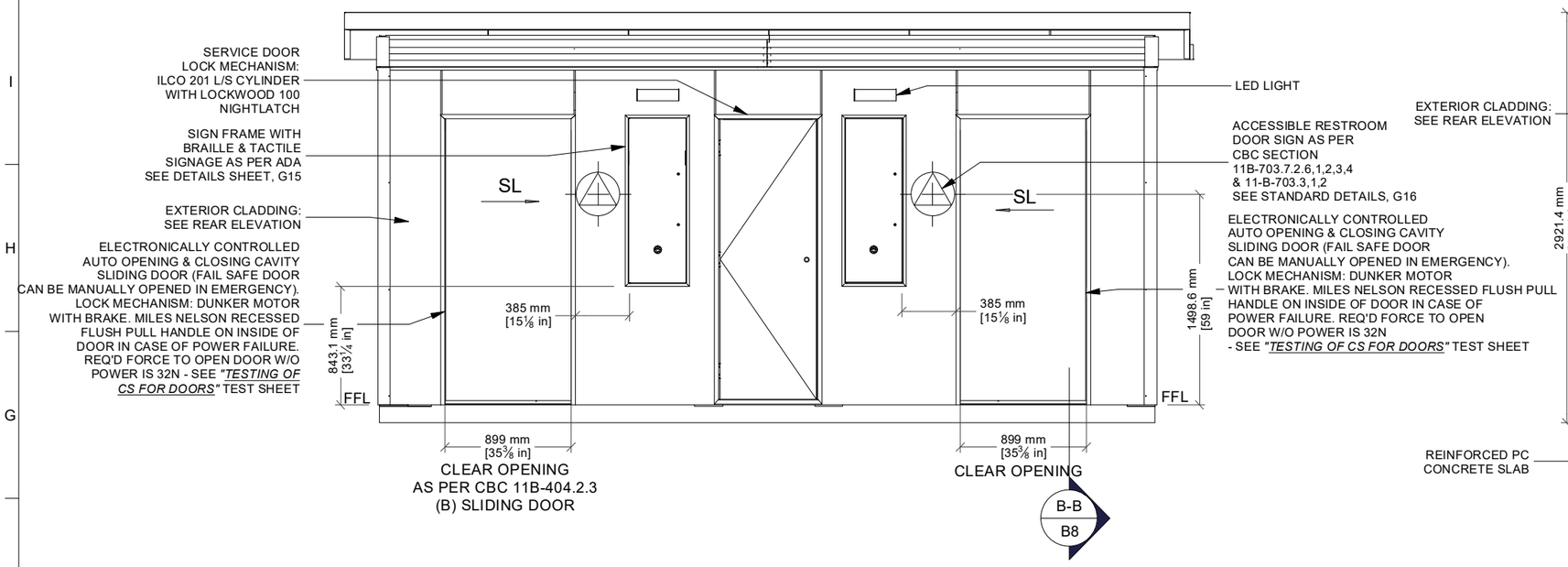
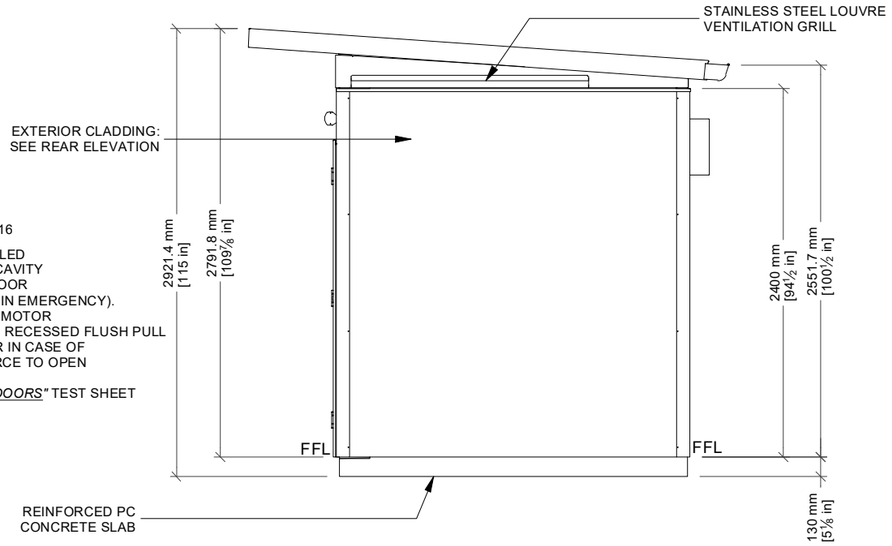
## 4. FRONT ELEVATION

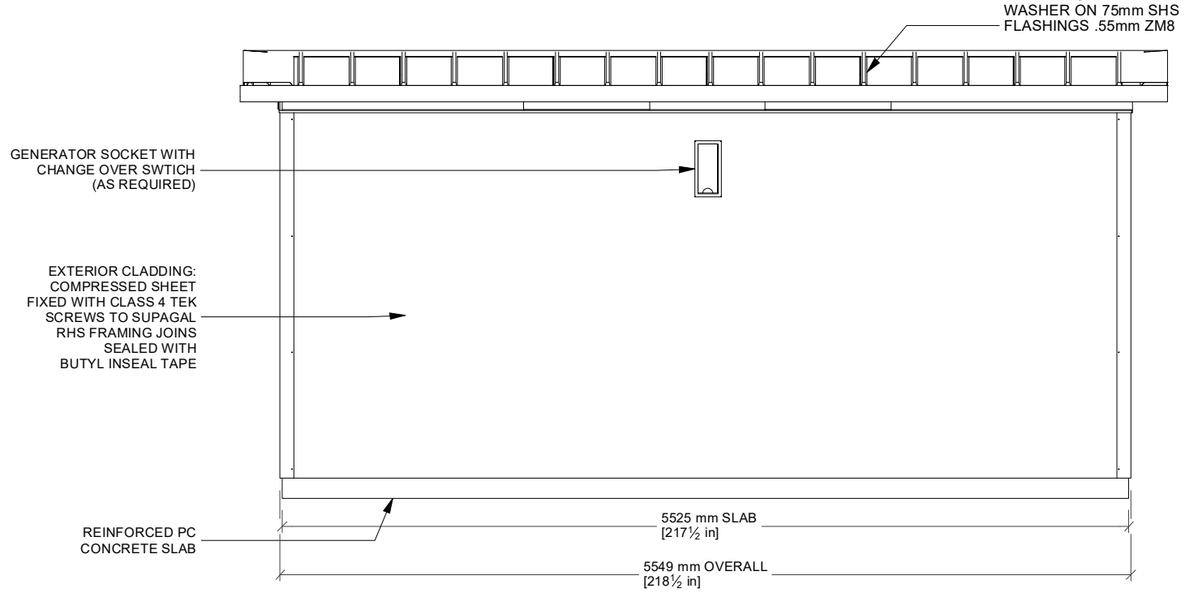



## 2. R-H ELEVATION

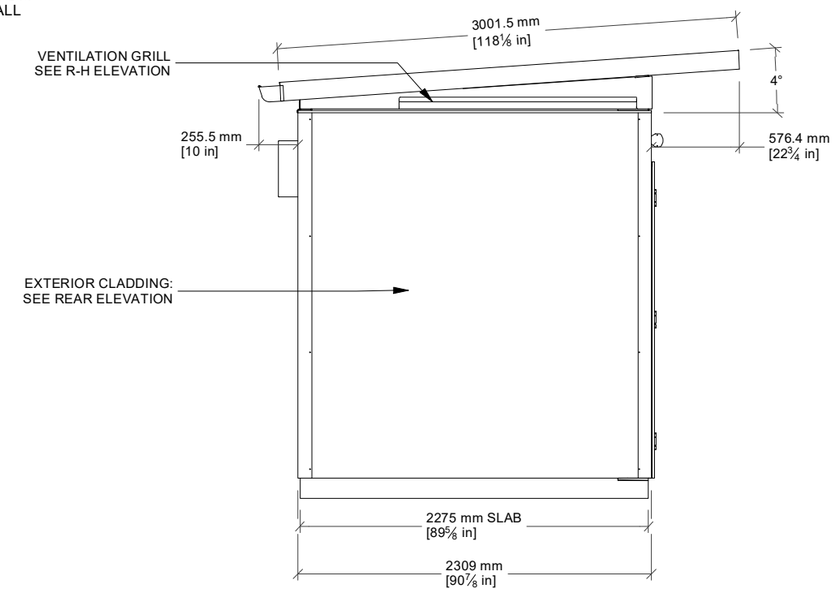



## 3. REAR ELEVATION

ROOFING: 3⅛" METECONOSPAN (PIR) STRUCTURAL INSULATED PANEL FIXED WITH STEEL TITE HWF CLASS 5 14g 14x150mm TEK SCREW WITH AS 3566/EPDM SEAL, PAINTED GALVANISED PROFILE WASHER & 30mm EPDM WASHER ON 75mm SHS SUPAGAL ROOF RAFTERS ALL FLASHINGS .55mm ZM8




## 1. L-H ELEVATION




THE UNISEX GEOMETRIC SYMBOL WITH THE PICTOGRAM, RAISED CHARACTERS AND GRADE II BRAILLE IS LOCATED FOR CLEAR AND SAFE ACCESS AND MOUNTED ADJACENT TO THE PUBLIC RESTROOM ACCESSWAYS.

NOTE:
NO BRAILLE ON SIGNS OR BUTTONS BETWEEN FFL & 48" ABOVE FFL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|---|---|---|---|---|
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| | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. B 5 |
| | | | Drawing No: ASJUP22DD-US1BON | |

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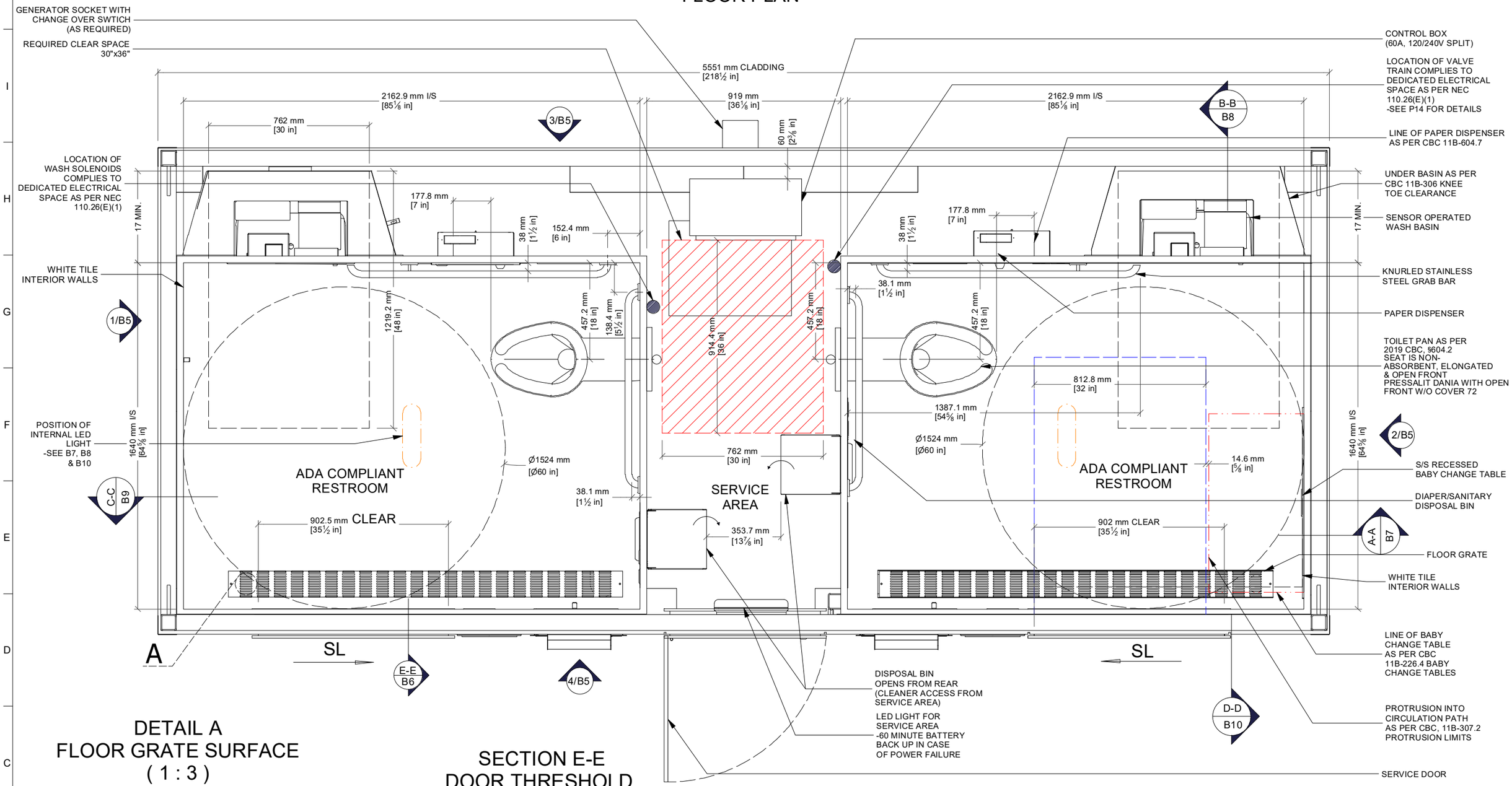
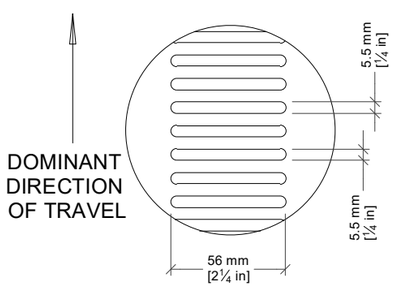
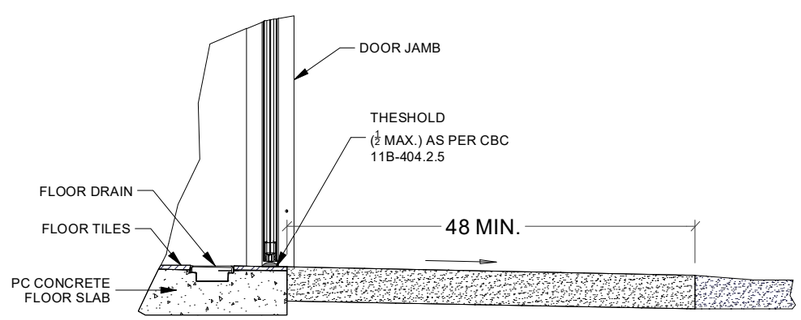
# FLOOR PLAN




## DETAIL A
## FLOOR GRATE SURFACE
## ( 1 : 3 )




## SECTION E-E
## DOOR THRESHOLD





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| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. B 6 | Drawing No: ASJUP22DD-US1BON |

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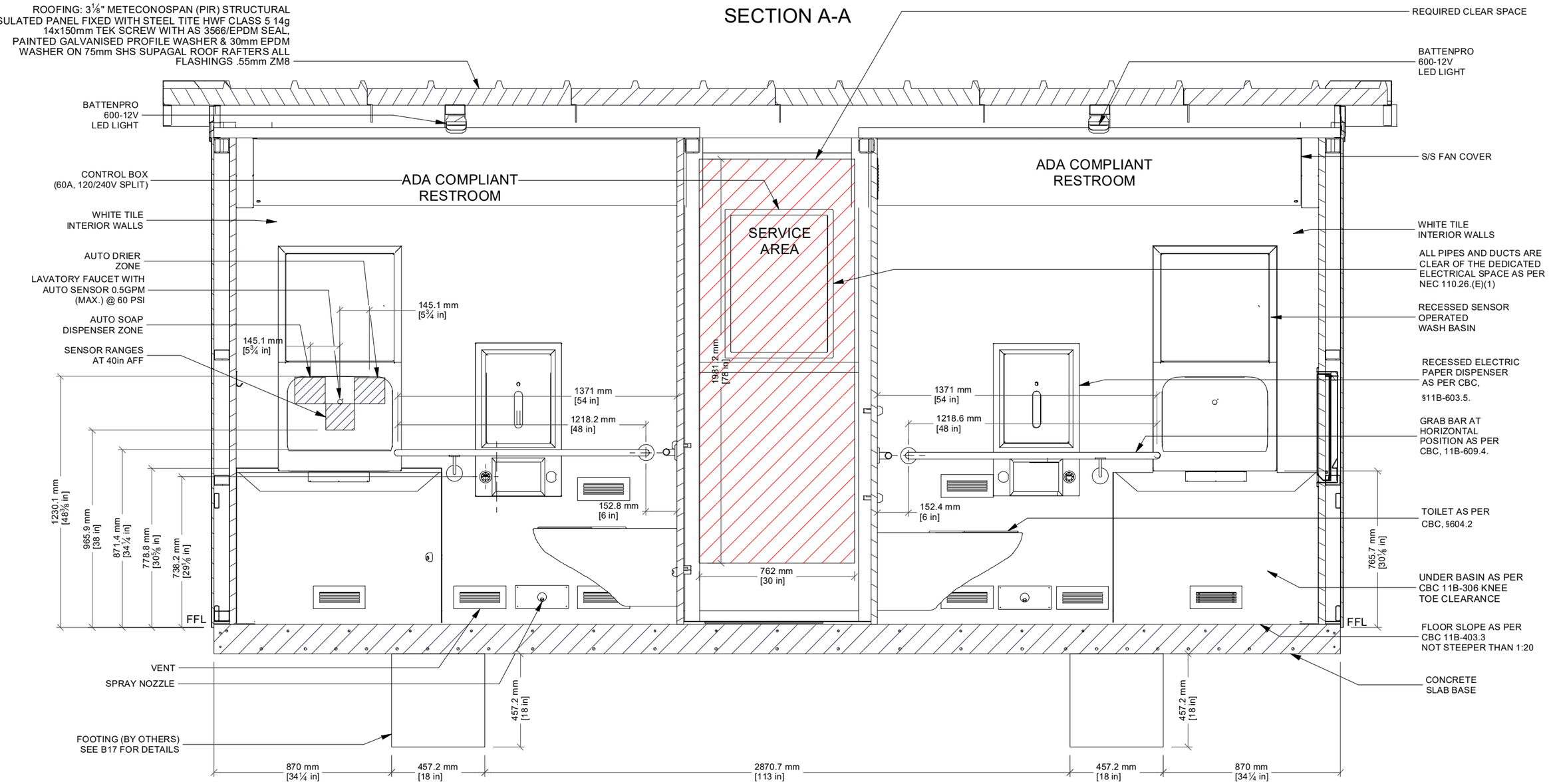
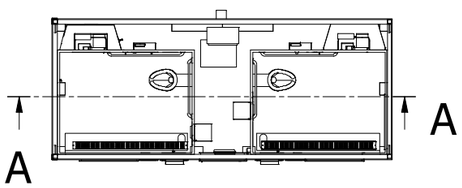
# SECTION A-A




TOP VIEW




NOTE:
NO BRAILLE ON SIGNS OR BUTTONS BETWEEN FFL & 48" ABOVE FFL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| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. B 7 | Drawing No: ASJUP22DD-US1BON |

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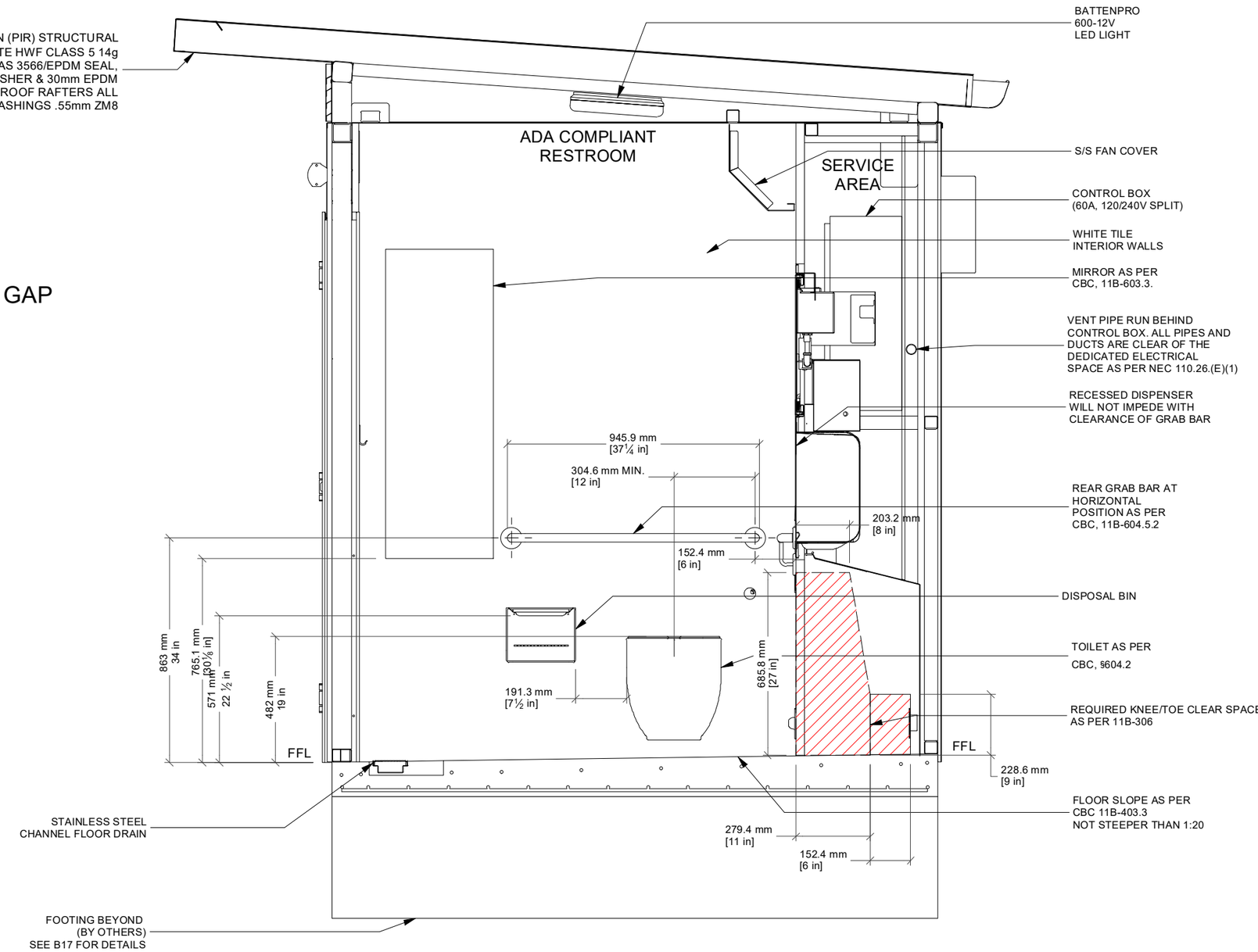
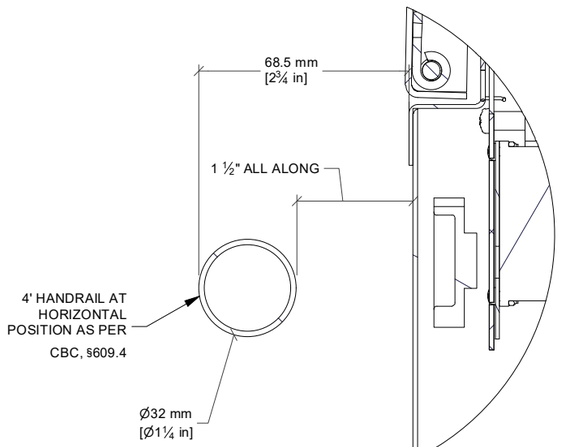
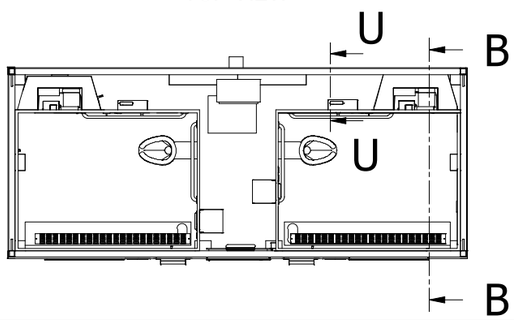
# SECTION B-B




## SECTION DETAIL U
## PAPER DISPENSER-HANDRAIL GAP




TOP VIEW




NOTE:
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|---|---|---|---|---|---|
| Description: JUPITER TWIN ACCESSIBLE USA | | Proj: | Units: in | Rev. 1-H | Rev Date. 24/08/2022 |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. B 8 | Drawing No: ASJUP22DD-US1BON |

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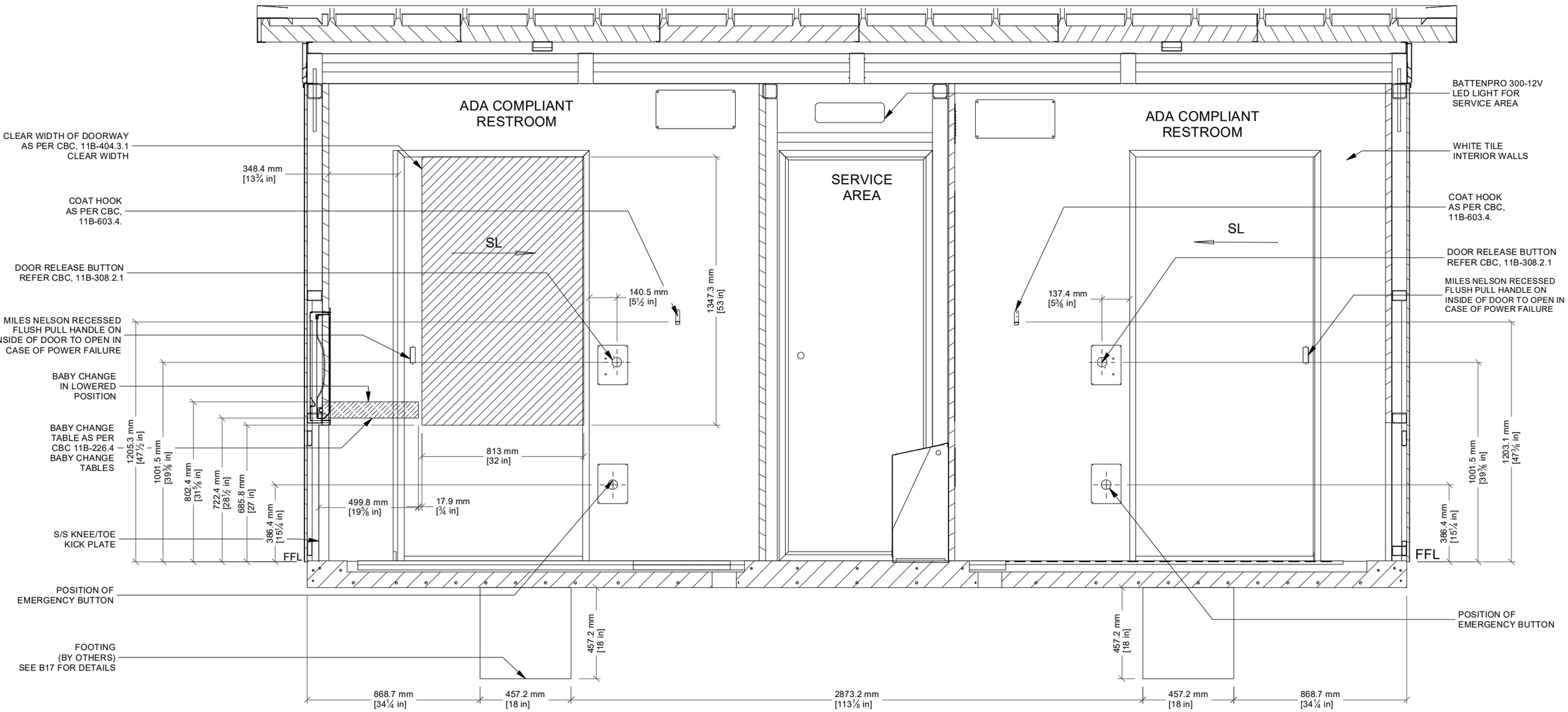
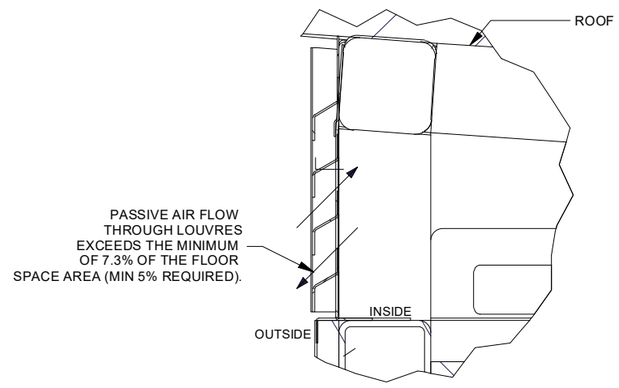
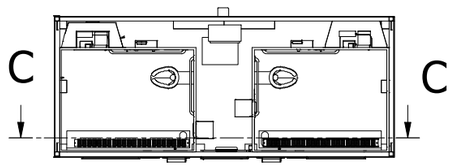
# SECTION C-C




# PASSIVE AIR FLOW REQUIREMENT




TOP VIEW




NOTE:
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|---|---|---|---|---|---|
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| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. B 9 | Drawing No: ASJUP22DD-US1BON |

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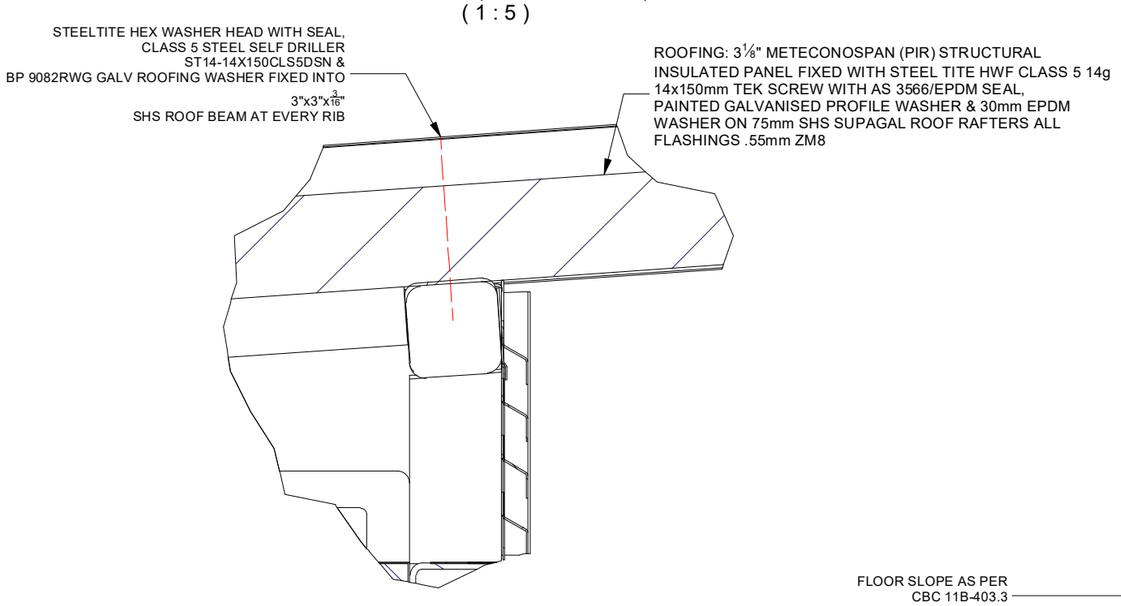
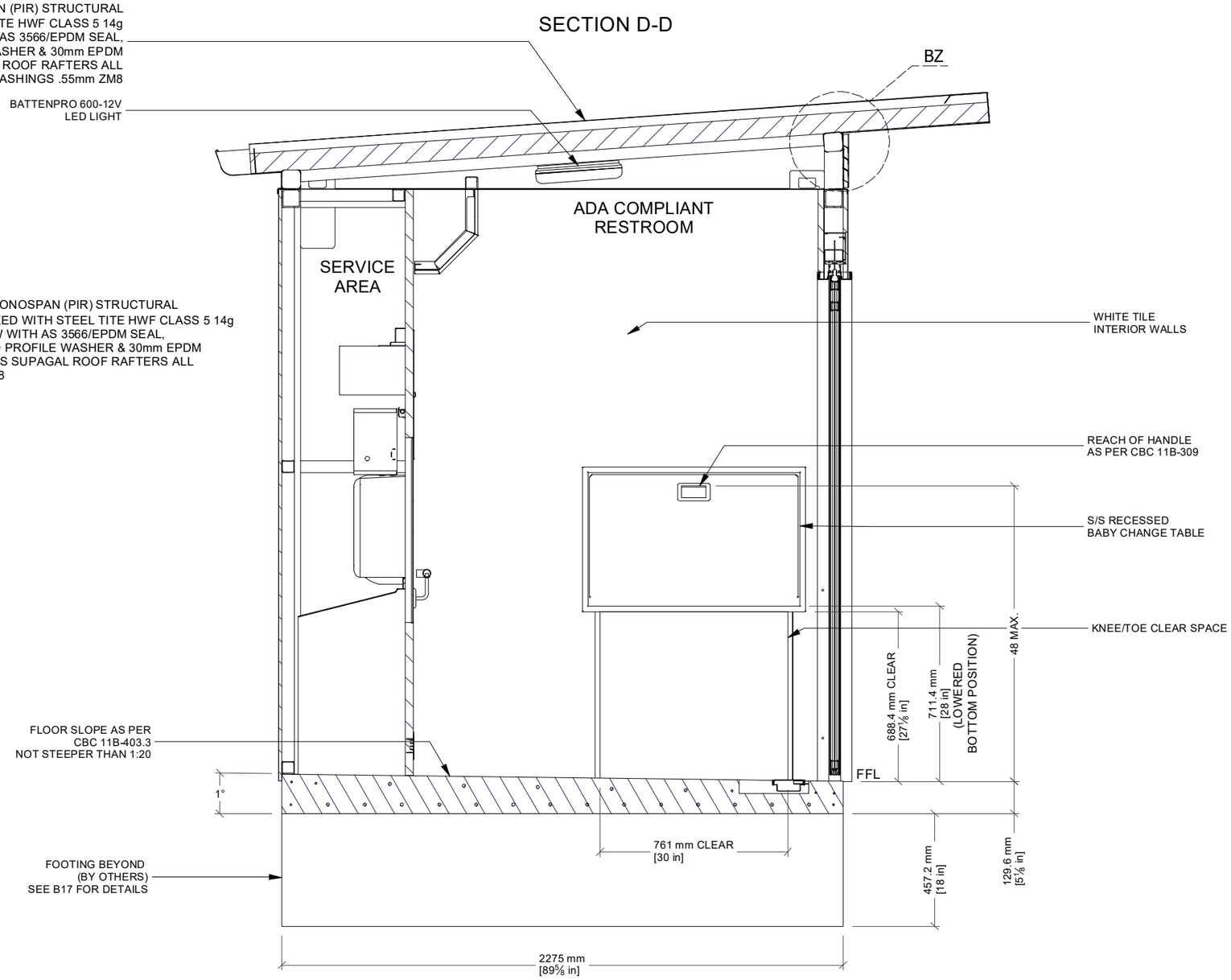
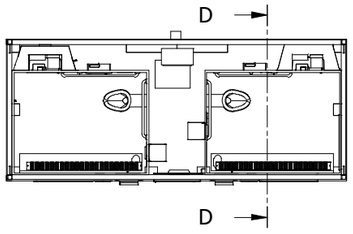
## DETAIL BZ
## SIP PANEL FIXING INTO ROOF BEAM (FRONT & REAR)
( 1 : 5 )




## SECTION D-D




## TOP VIEW

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| Description: | Proj: | Units: | Rev. | Rev Date. |
|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA | | in | 1-H | 24/08/2022 |
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| | | | | Drawing No: ASJUP22DD-US1BON |

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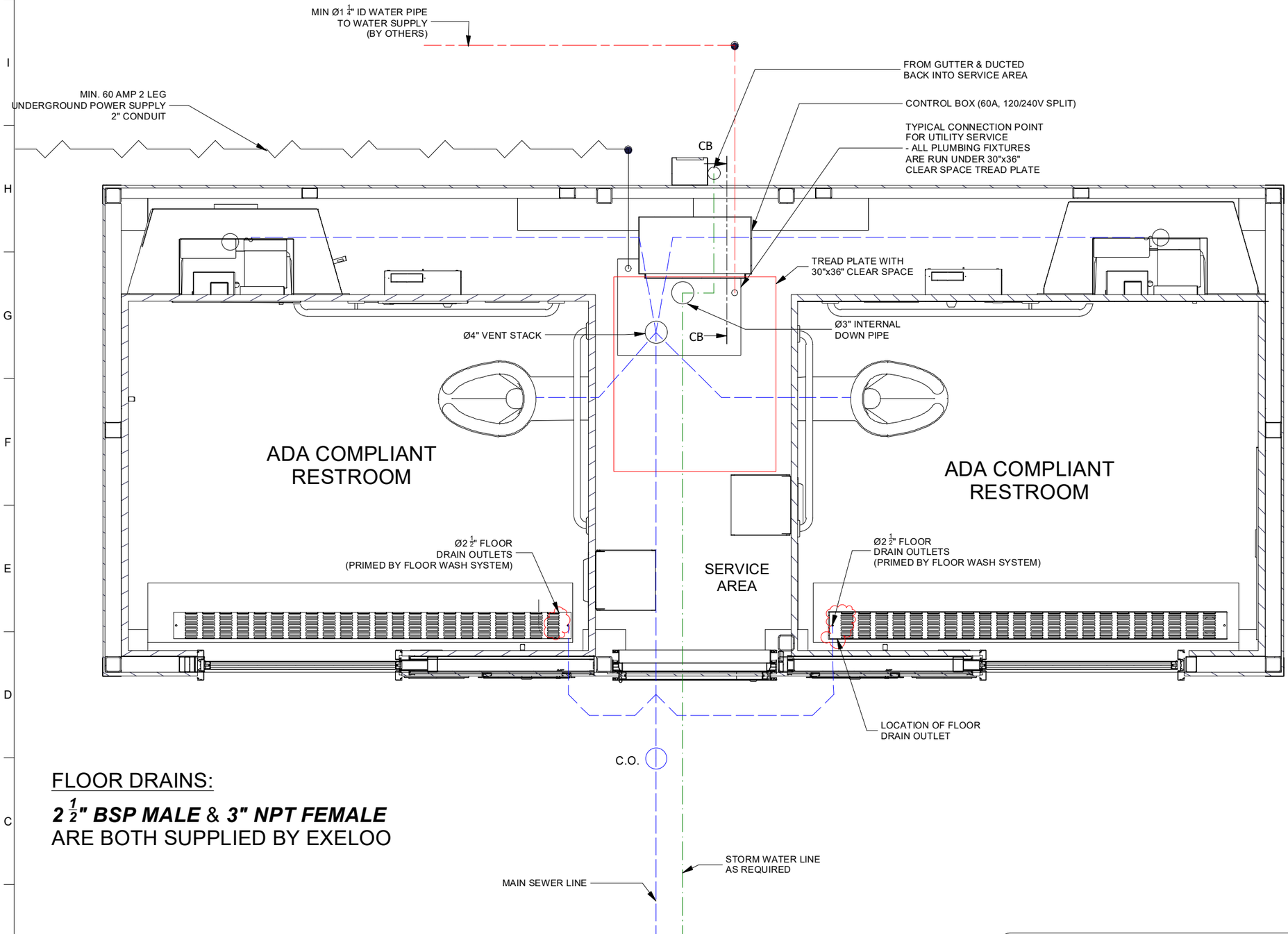
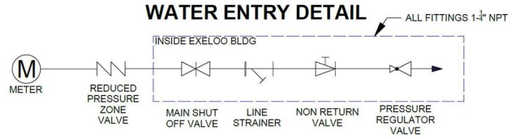
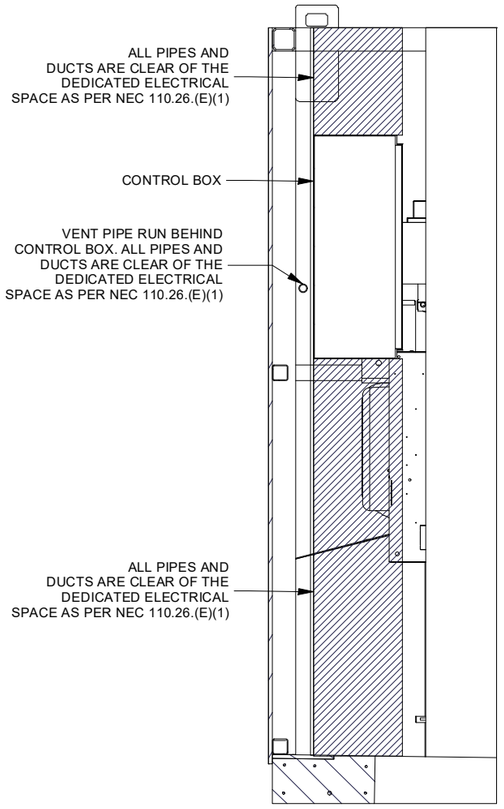
# SCHEMATIC SERVICES PLAN




## WATER ENTRY DETAIL




## SECTION CB-CB
## DEDICATED ELECTRICAL CLEAR SPACE




## FLOOR DRAINS:

***2 1/2" BSP MALE*** & ***3" NPT FEMALE***
ARE BOTH SUPPLIED BY EXELOO

**NOTE:**
1. THIS DIAGRAM IS A VISUAL REPRESENTATION AND INDICATIVE ONLY - NOT TO SCALE
2. CIVIL CONTRACTOR/ENGINEER IS RESPONSIBLE FOR PROVIDING CONNECTIONS TO THE UNIT.

Exeloo Corp. does not guarantee that information shown on these drawings indicate any more than the presence or absence of such services and will not accept liability for any damage or losses caused to any party, by the actions of the Contractor or its agents and subcontractors. The Contractor is required to make its own investigations, contact all service providers and verify the type and location of all services prior to commencement of any construction work on site.

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|---|---|---|---|---|
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| Material: / Finish: REF | Drawn by: JJG / Creation Date: 16/04/2012 | Sheet No. B 11 | Drawing No: ASJUP22DD-US1BON | |

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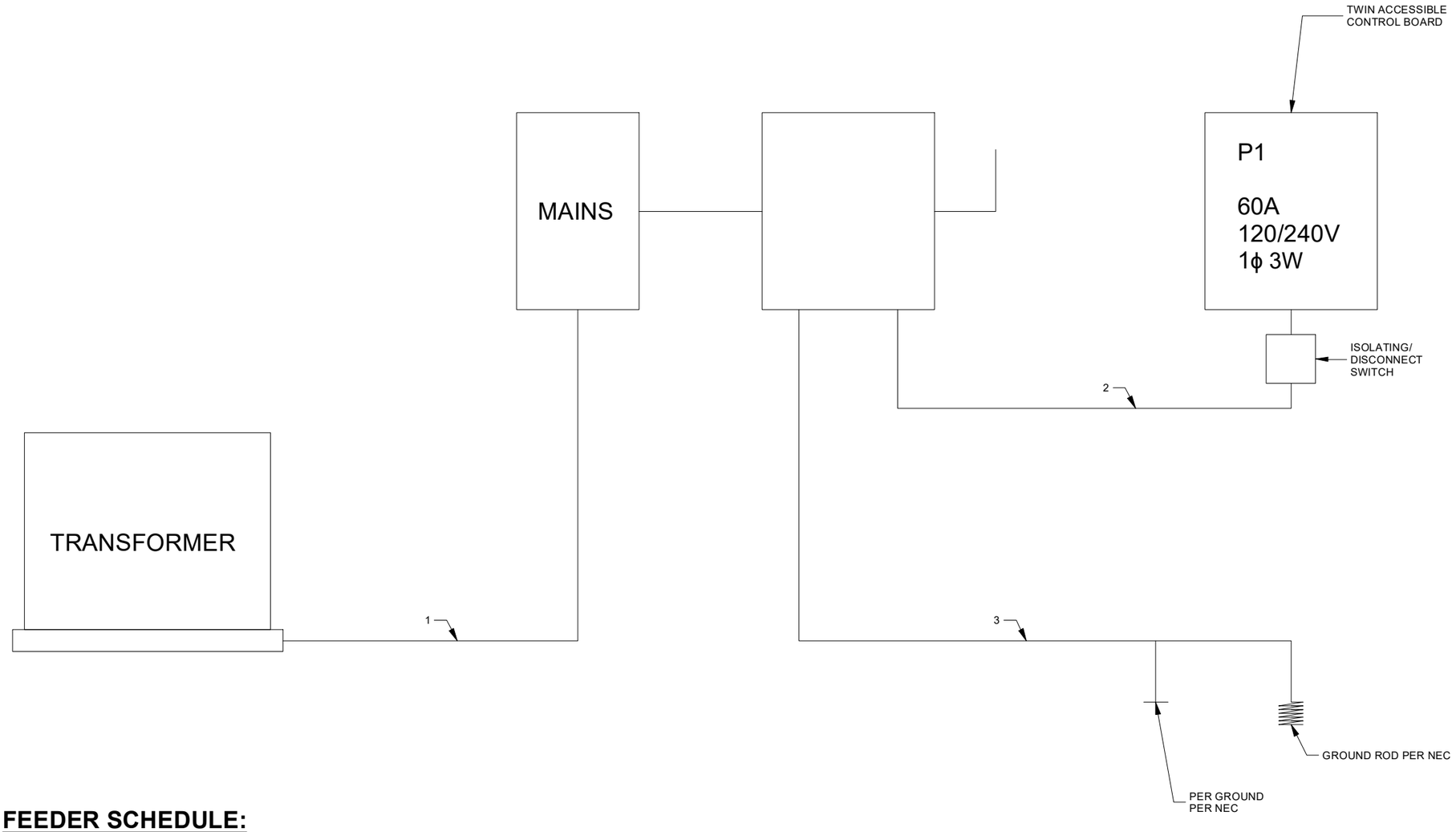
# ONE LINE DIAGRAM




## FEEDER SCHEDULE:

SIZE REQUIREMENTS TO MEET P1 CONTROL BOARD SPECIFICATIONS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| Description: | Proj: | Units: | Rev. | Rev Date. |
|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA | | in | 1-H | 24/08/2022 |

| Tolerance: | Scale: | Checked by: | Approved by: |
|---|---|---|---|
| +/-0.5 | N.T.S. | | |

| Material: | Finish: | Drawn by: | Creation Date: | Sheet No. | Drawing No: |
|---|---|---|---|---|---|
| | REF | JJG | 16/04/2012 | B 12 | ASJUP22DD-US1BON |

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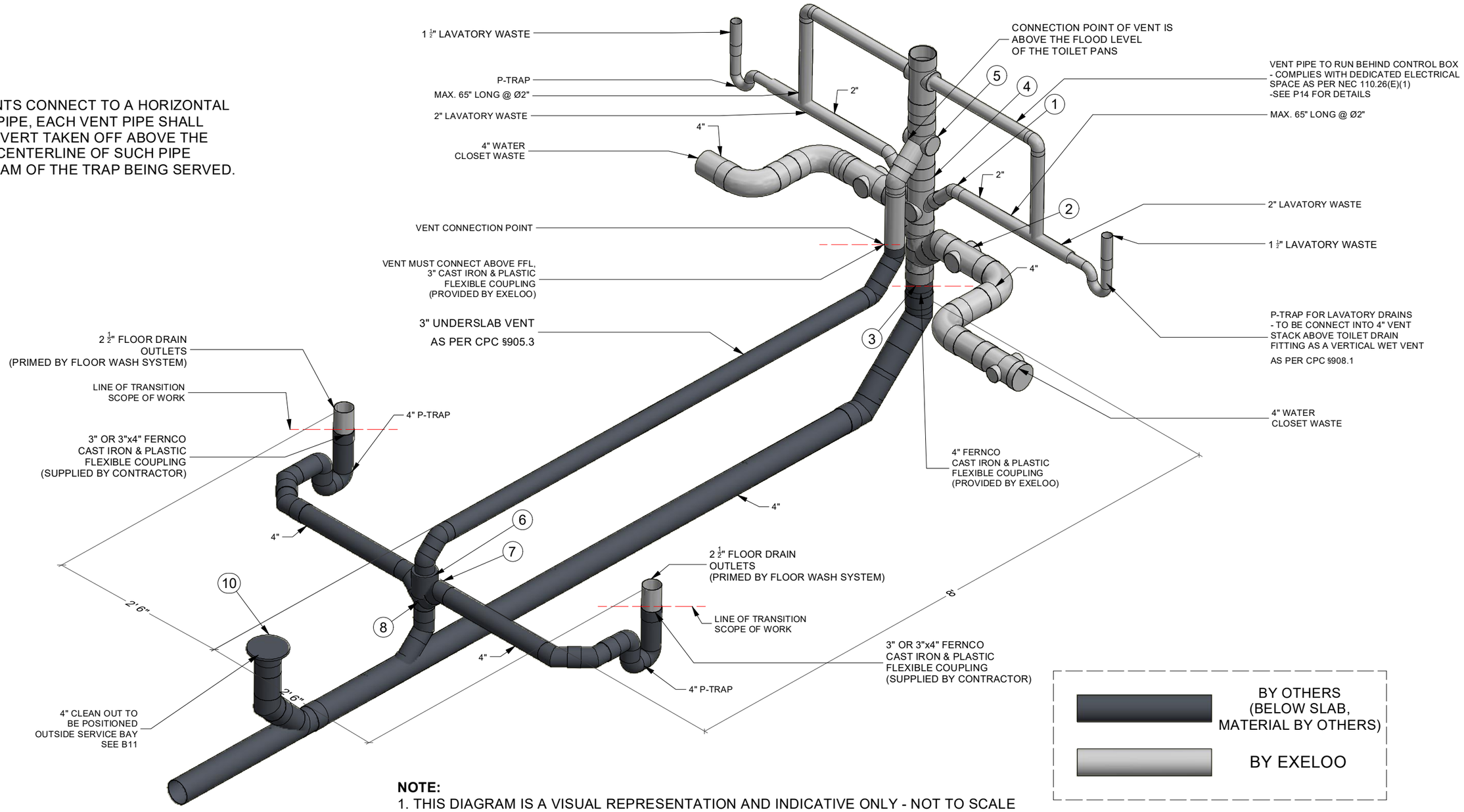
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

# ISOMETRIC - WASTEWATER JUPITER DD US
# SINGLE UNDERSLAB FLOOR VENT

CPC §905.2.
WHERE VENTS CONNECT TO A HORIZONTAL DRAINAGE PIPE, EACH VENT PIPE SHALL HAVE ITS INVERT TAKEN OFF ABOVE THE DRAINAGE CENTERLINE OF SUCH PIPE DOWNSTREAM OF THE TRAP BEING SERVED.




**NOTE:**
1. THIS DIAGRAM IS A VISUAL REPRESENTATION AND INDICATIVE ONLY - NOT TO SCALE

| Parts List | | |
|---|---|---|
| ITEM | EXELOO DESCRIPTION | MATERIAL |
| 1 | 2" STREET 45 | SCHEDULE 40 DWV |
| 2 | 4" STREET 45 | SCHEDULE 40 DWV |
| 3 | 4"x4"x4"x4" DOUBLE Y | SCHEDULE 40 DWV |
| 4 | 4"x4"x2"x2" DOUBLE Y | SCHEDULE 40 DWV |
| 5 | 4"x3" SANI TEE | SCHEDULE 40 DWV |
| 6 | 4"x4"x4"x4" DOUBLE SAN TEE | BY CONTRACTOR |
| 7 | 4" COMBY | BY CONTRACTOR |
| 8 | 4"x3"ADAPTOR COUPLING | BY CONTRACTOR |
| 9 | 4" LONG SWEEP | BY CONTRACTOR |
| 10 | 4" CLEANOUT SQUARE CAP | BY CONTRACTOR |

FLOOR DRAINS:

***2 ½" BSP MALE*** & ***3" NPT FEMALE***
ARE BOTH SUPPLIED BY EXELOO

| REV | DESCRIPTION | DATE |
|---|---|---|
| 1-B | NOTES AS PER BUREAU VERITAS MARK UP 29/01/2020 | 29/01/2020 |
| 1-C | REMOVE FLOOR DRAIN VENTS, 3" FLOOR DRAINS, 2" LAVATORY WASTE PIPE @ 65" MAX LENGTH | 31/01/2020 |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**USA**
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| | | | | | |
|---|---|---|---|---|---|
| Description: JUPITER PLATINUM TWIN ACCESSIBLE US - WASTEWATER SYSTEM | | Proj: | Units: in | Rev. 1-C | Rev Date. 31/01/2020 |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 12/12/2019 | Sheet No. P 13 | Drawing No. JUP22DD-US-WASTE SYSTEM |

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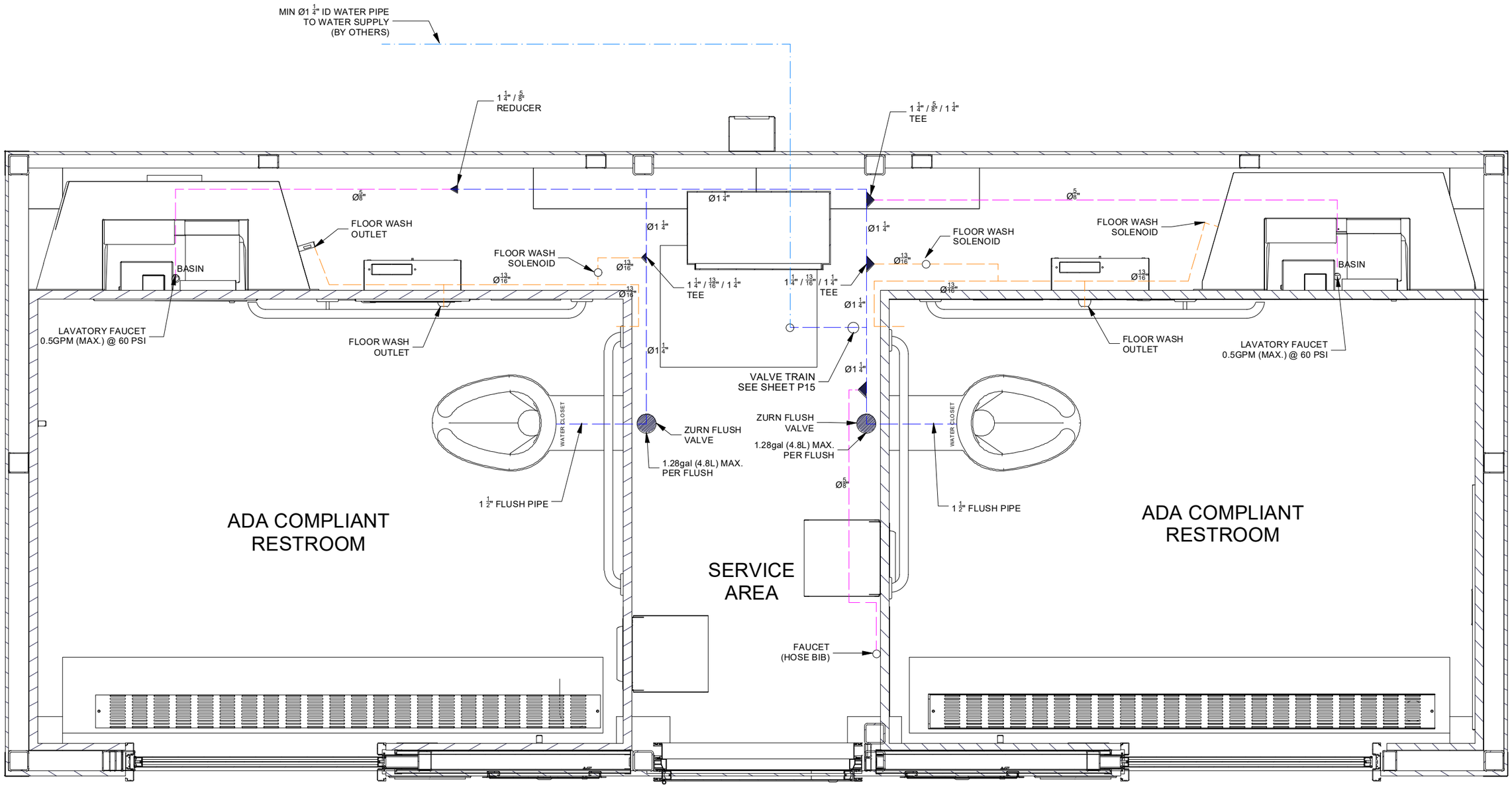
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

# WATER SUPPLY SCHEMATIC PLAN




NOTE:
1. THIS DIAGRAM IS A VISUAL REPRESENTATION AND INDICATIVE ONLY - NOT TO SCALE
2. ALL PIPES AND DUCTS ARE CLEAR OF THE DEDICATED ELECTRICAL SPACE AS PER NEC 110.26.(E)(1)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| Description: | Proj: | Units: | Rev. | Rev Date. |
|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA | | in | 1-H | 24/08/2022 |
| | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. P 14 |
| | | | | Drawing No: **ASJUP22DD-US1BON** |

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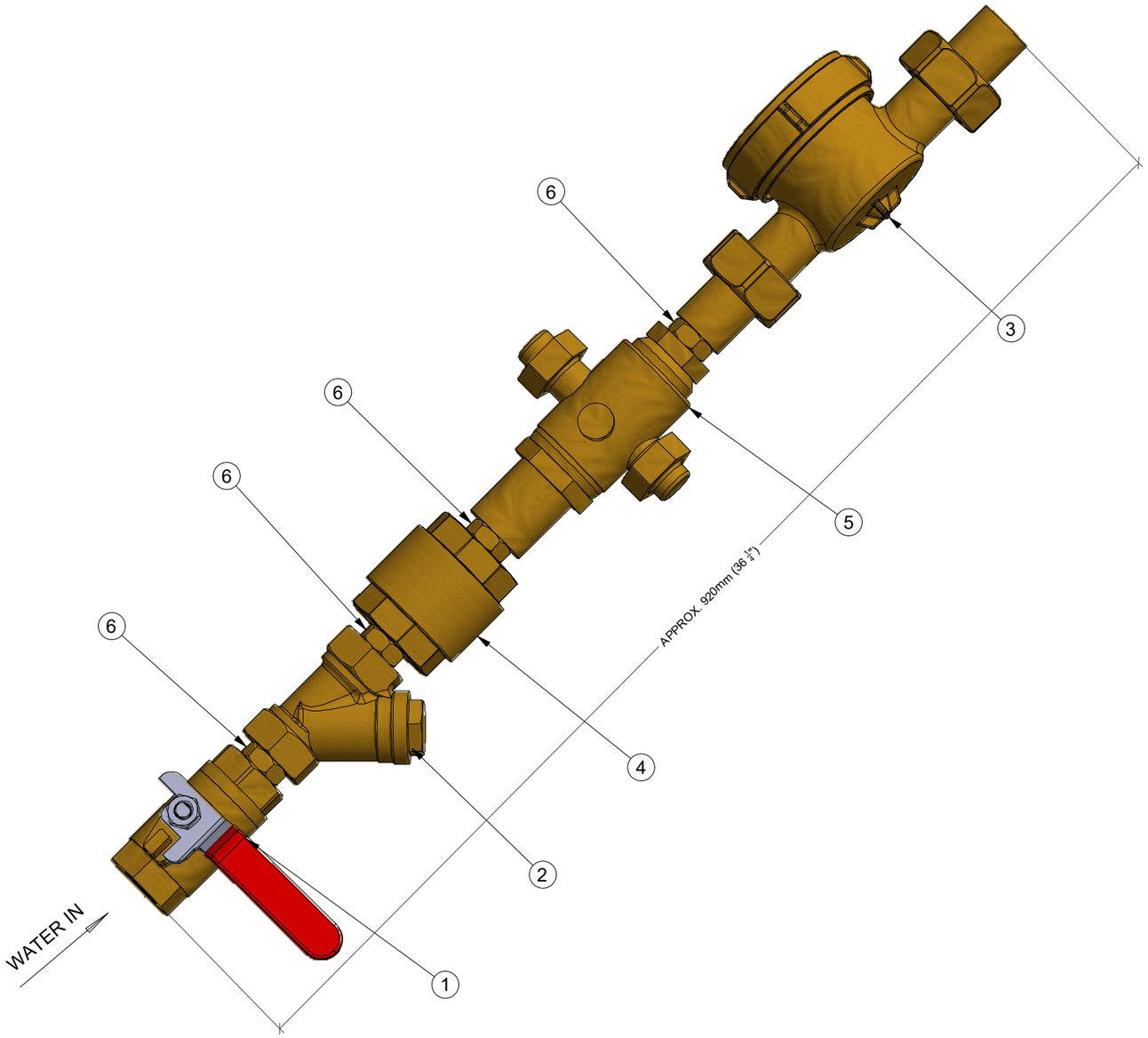
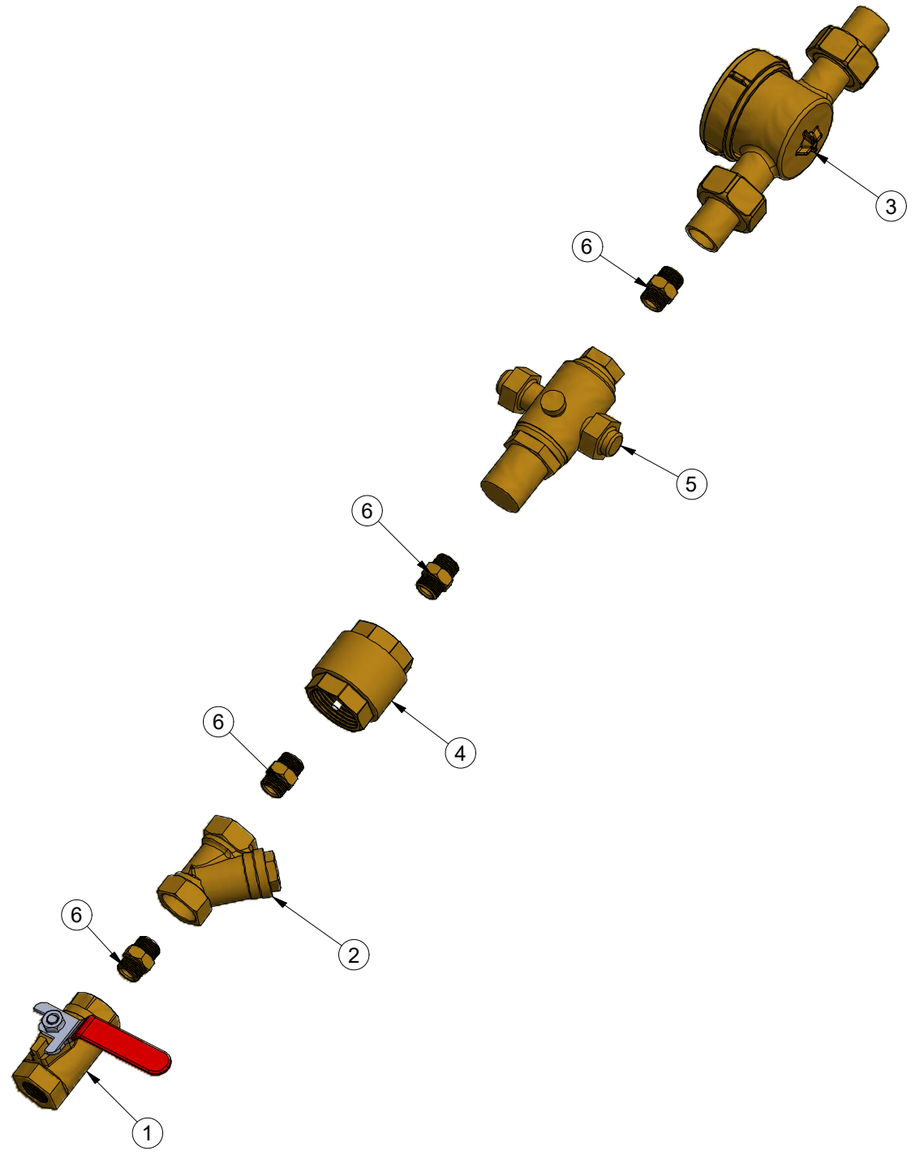
ISOMETRIC VIEW




EXPLODED VIEW




APPROXIMATE LENGTH OF TRAIN = 920mm (36 $\frac{1}{4}$")

Parts List

| ITEM | PART NUMBER | DESCRIPTION | QTY |
|---|---|---|---|
| 1 | 5505008 | VALVE TRAIN USA 1-1/4 VALVE BALL FEM/FEM LONG HANDLE WATER | 1 |
| 2 | 5505015 | VALVE TRAIN USA 1-1/4 BRONZE 150 SWP THREADED Y STRAINER | 1 |
| 3 | 55160056 | WATER METER - FOR REMOTE MONITORING (AS REQUIRED) | 1 |
| 4 | 5505016 | VALVE TRAIN USA 1-1/4 BRASS THREADED SPRING CHECK VALVE | 1 |
| 5 | 5505013 | VALVE TRAIN USA 1-1/4 BRONZE PRESSURE REDUCING VALVE FNPT X FNPT | 1 |
| 6 | 5505017 | VALVE TRAIN USA 1-1/4 X 2 BRASS NIPPLE GLOBAL | 4 |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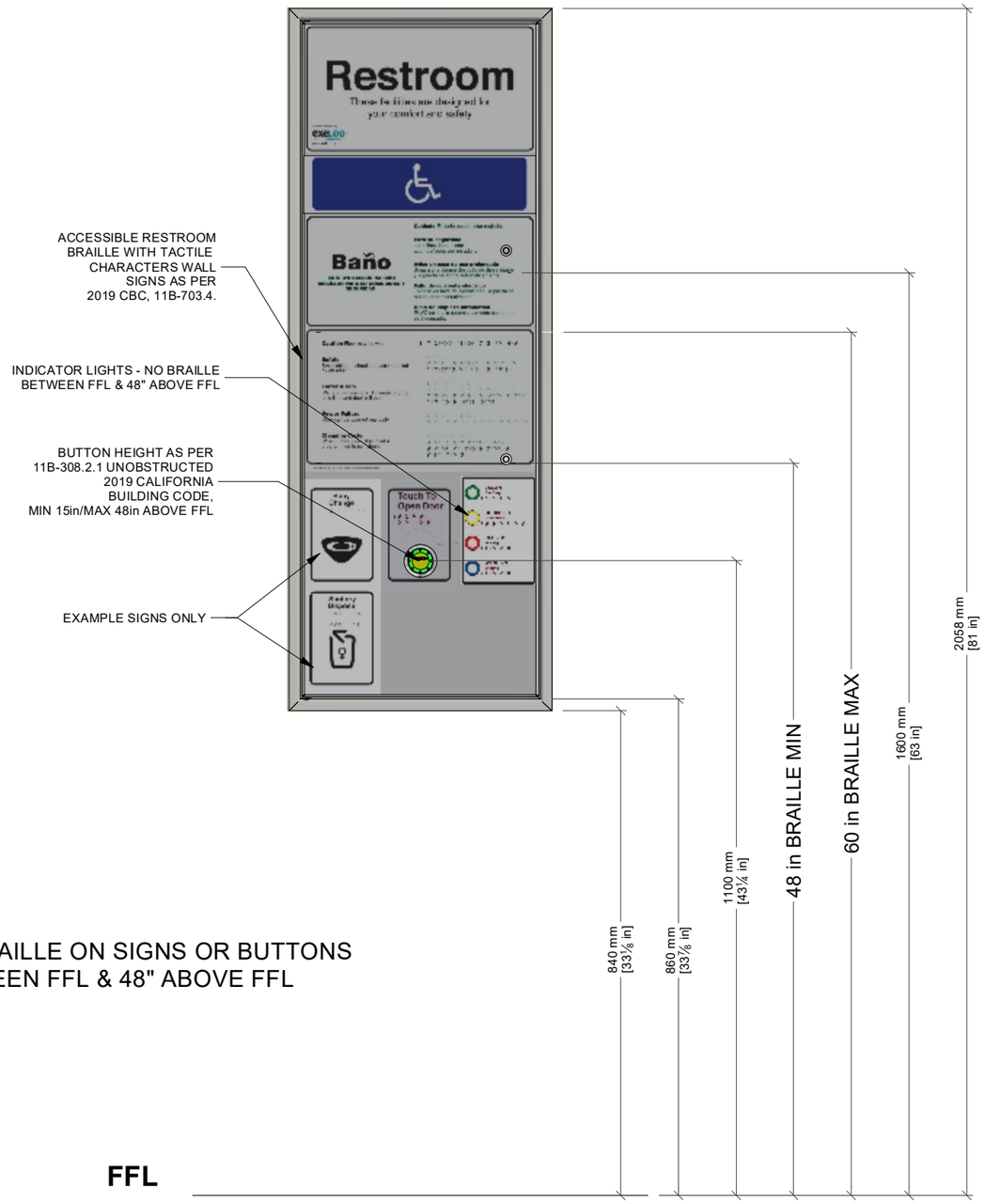
| | | | | | |
|---|---|---|---|---|---|
| Description: VALVE TRAIN ASSEMBLY - USA | | Proj: | Units: in | Rev. **1-A** | Rev Date. **15/09/2021** |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 15/09/2021 | Sheet No. P 15 | Drawing No: **VALVE TRAIN - USA** |

DO NOT SCALE - IF IN DOUBT ASK

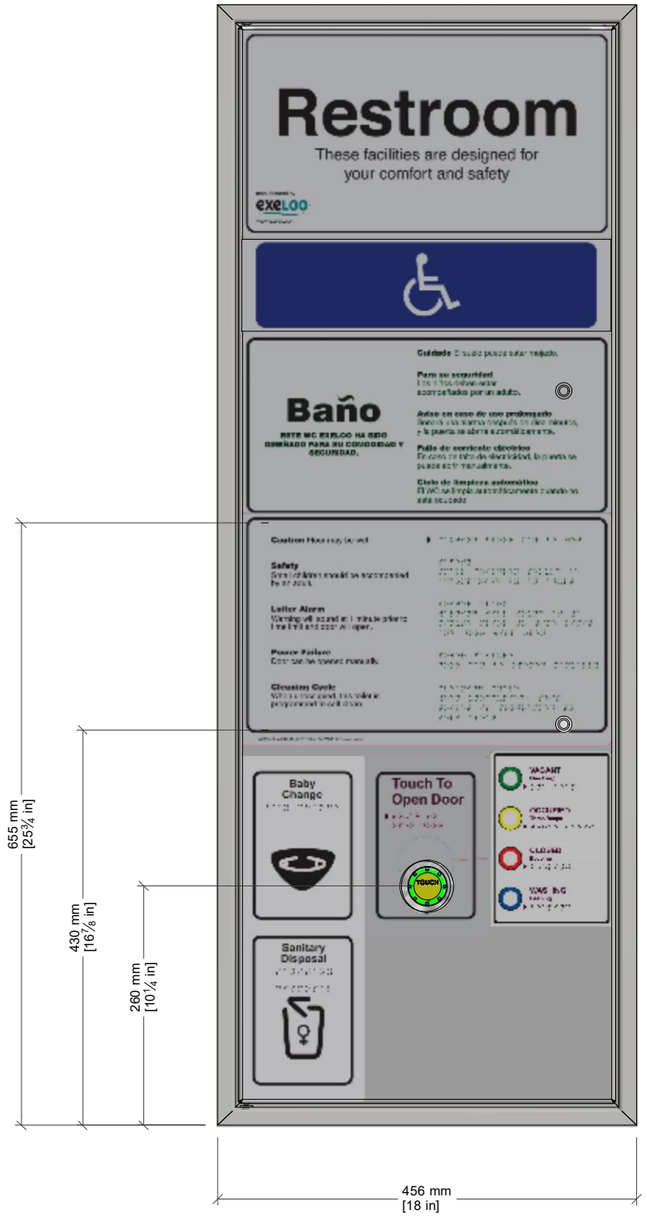
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

BUTTON, LIGHT AND BRAILLE POSITIONS




NOTE:
NO BRAILLE ON SIGNS OR BUTTONS BETWEEN FFL & 48" ABOVE FFL

BUTTON, LIGHT AND BRAILLE POSITIONS





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| | | | | | |
|---|---|---|---|---|---|
| Description: SIGN DOOR ASSEMBLY USA - ADA | | Proj: | Units: in | Rev. 1-A | Rev Date. 17/03/2020 |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 1/05/2006 | Sheet No. G 16 | Drawing No. SIGN FRAME MU001 - ADA |

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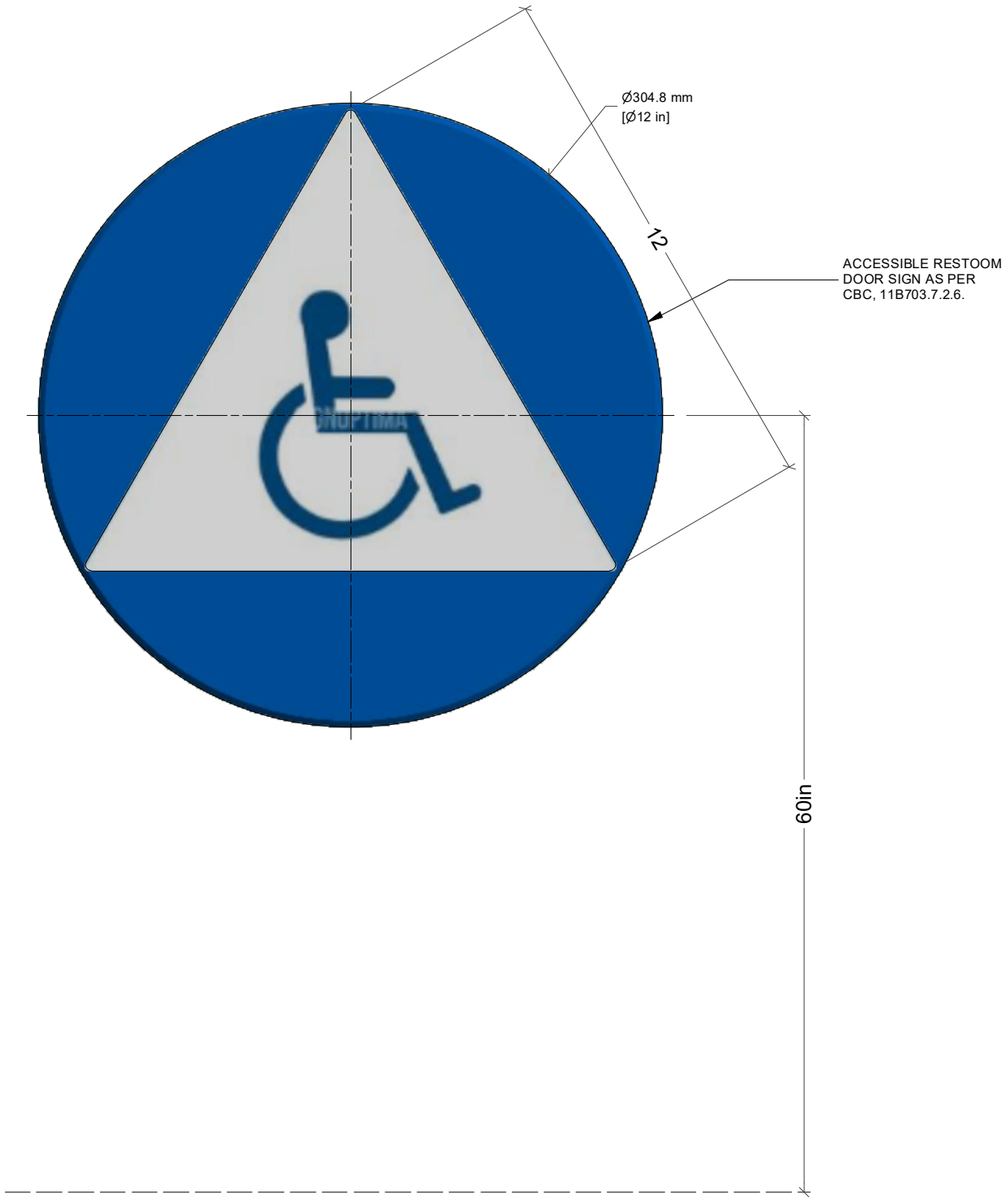
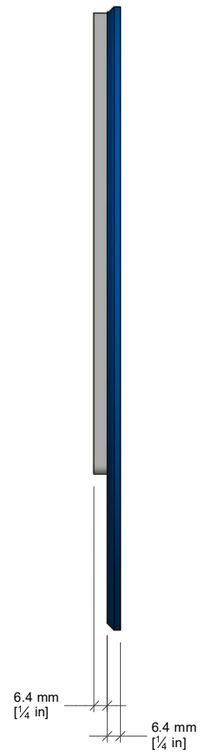
SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

FRONT VIEW




SIDE




THE UNISEX GEOMETRIC SYMBOL WITH THE PICTOGRAM, RAISED CHARACTERS AND GRADE II BRAILLE IS LOCATED FOR CLEAR AND SAFE ACCESS AND MOUNTED ADJACENT TO THE PUBLIC RESTROOM ACCESSWAYS.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| | | | | | |
|---|---|---|---|---|---|
| Description: ACCESSIBLE RESTROOM DOOR SIGN | | Proj: | Units: in | Rev. 1-A | Rev Date. 21/09/2018 |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: Generic | Finish: REF | Drawn by: JJG | Creation Date: 20/09/2018 | Sheet No. G 17 | Drawing No. US ADA GENDER NEUTRAL SIGN |

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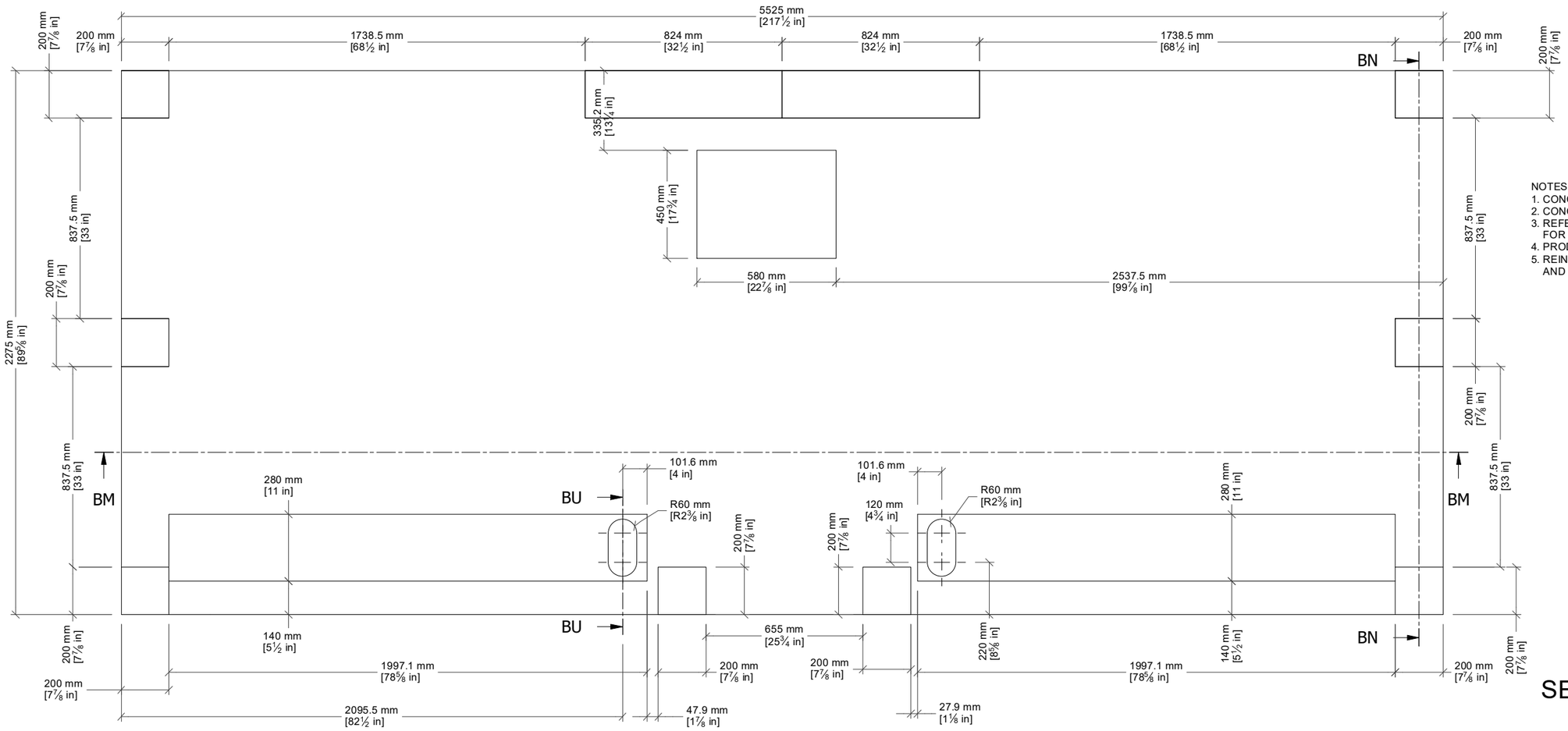
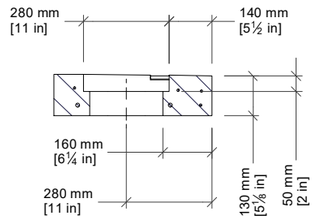
## MAIN VIEW

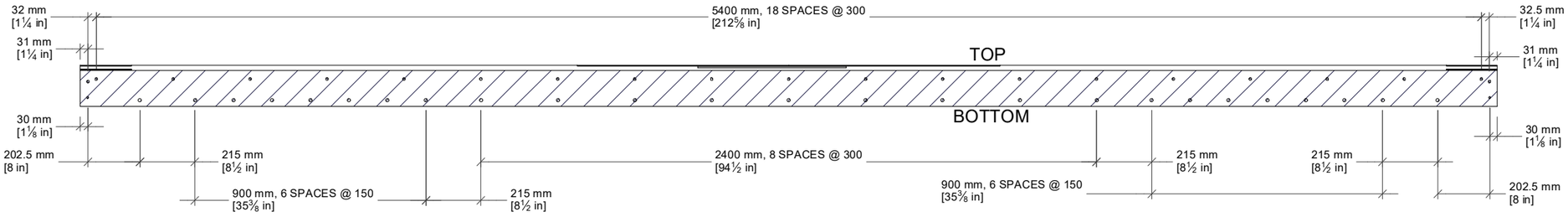



NOTES (IMPERIAL):
1. CONCRETE STRENGTH TO BE 40 MPa
2. CONCRETE COVER TO BE 30mm U.N.O
3. REFER TO NZ 3109:1997 TABLE 5.1 FOR PRECASTE TOLERANCES
4. PRODUCT CODE - WX
5. REINFORCING TO BE GRADE 430 AND HD10

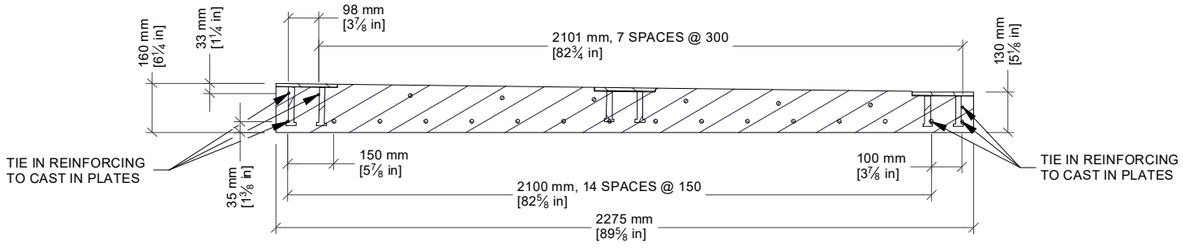
## SECTION VIEW BT-BT (1 : 20)




## SECTION VIEW BP-BP (1 : 20)




## SECTION VIEW BR-BR (1 : 20)





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| | | | | | |
|---|---|---|---|---|---|
| Description: JUPITER SUPER TWIN BASE - USA | | Proj: | Units: in | Rev. **1-A** | Rev Date. **15/07/2021** |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/06/2011 | Sheet No. B 18 | Drawing No: 3D-2755 |

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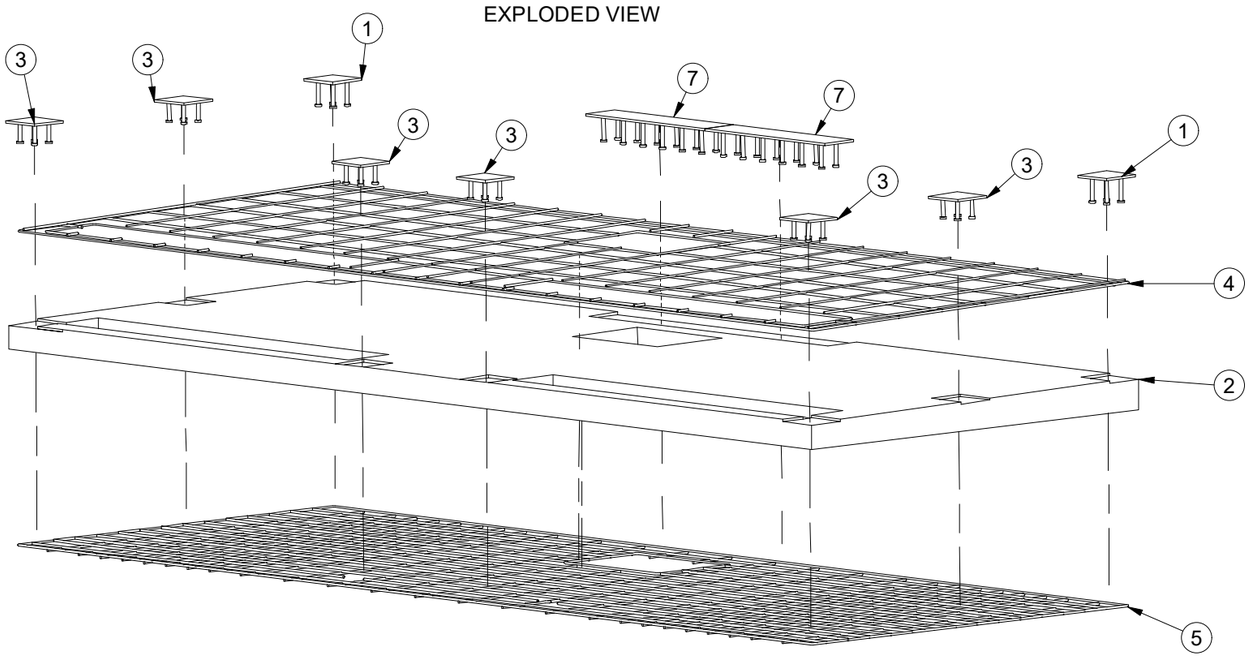
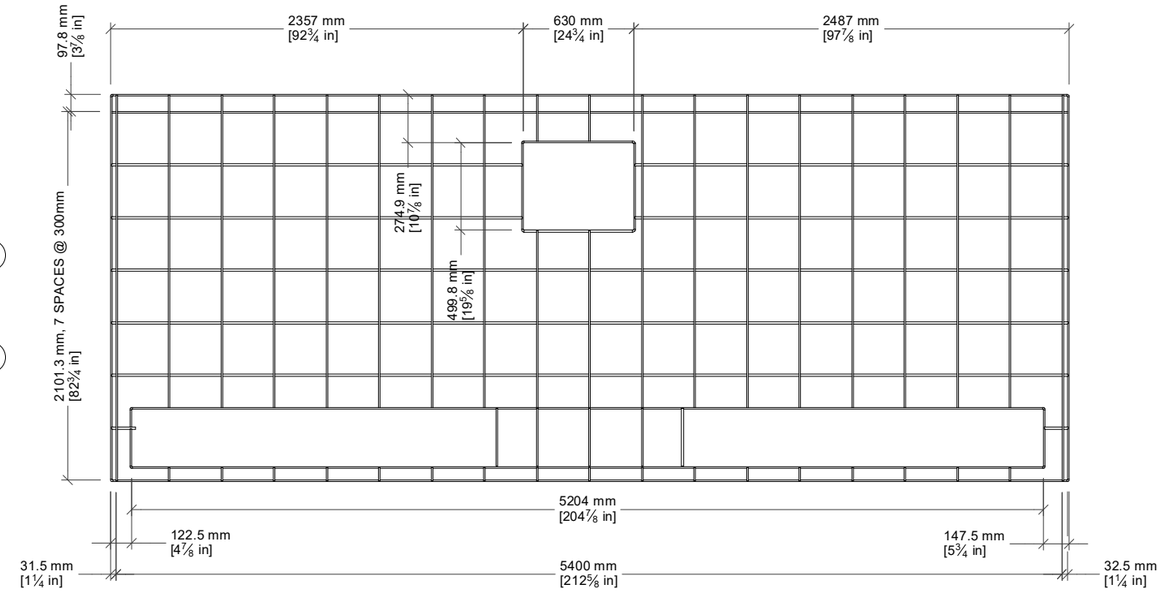
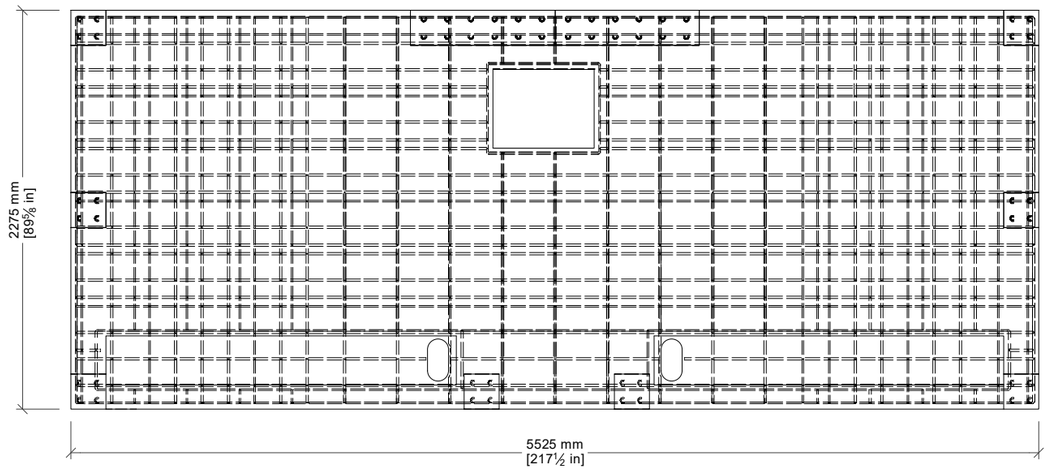
## EXPLODED VIEW



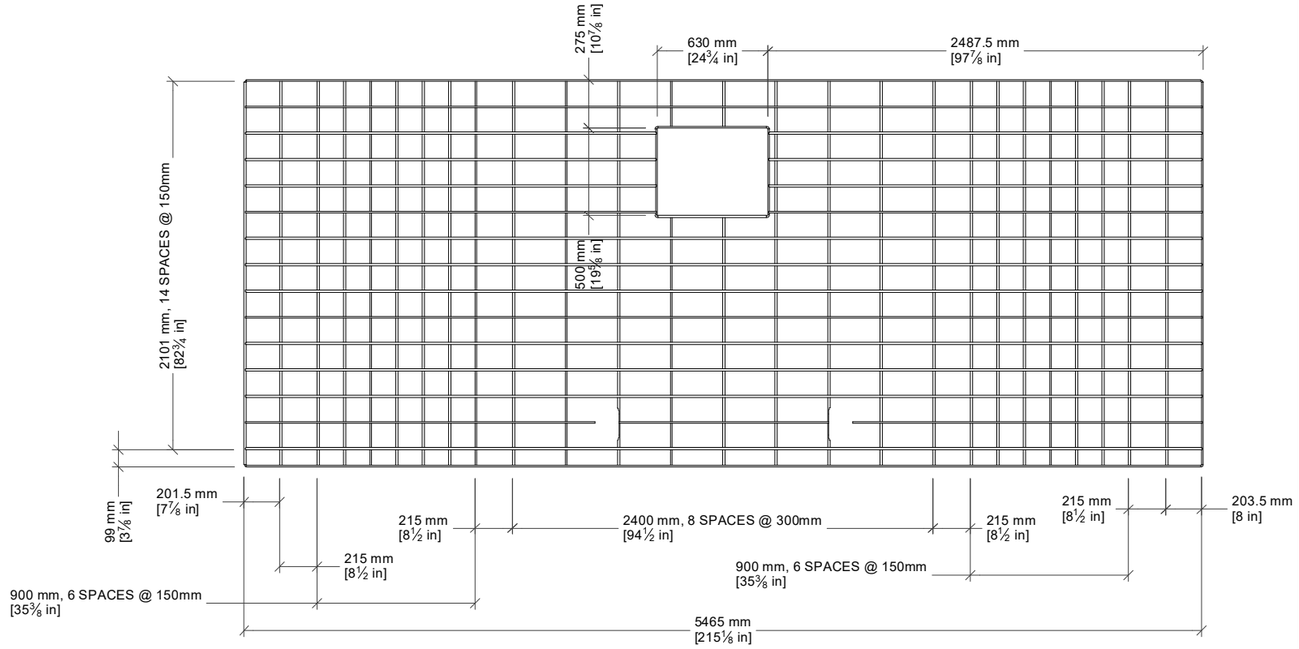

## TOP REINFORCING




## REINFORCING - HIDDEN VIEW




## BOTTOM REINFORCING




| Parts List | | | |
|---|---|---|---|
| ITEM | PART NUMBER | DESCRIPTION | QTY |
| 1 | JUP 10025 | CORNER REAR CASTING PLATE | 2 |
| 2 | JUP32 80002-USA | JUPITER 32 CONCRETE FLOOR SLAB | 1 |
| 3 | JUP 10024 | CORNER FRONT CASTING PLATE | 6 |
| 4 | JUP32 50012-JUP22US | JUPITER 32 TOP REINFORCING | 1 |
| 5 | JUP32 50022-jup22us | JUPITER 32 BOTTOM REINFORCING | 1 |
| 7 | JUP 10023 | REAR CASTING PLATE | 2 |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| | | | | | |
|---|---|---|---|---|---|
| Description: JUPITER SUPER TWIN BASE - USA | Proj: | Units: in | Rev. 1-A | Rev Date. 15/07/2021 | |
| | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: | |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/06/2011 | Sheet No. B 19 | Drawing No: 3D-2755 |

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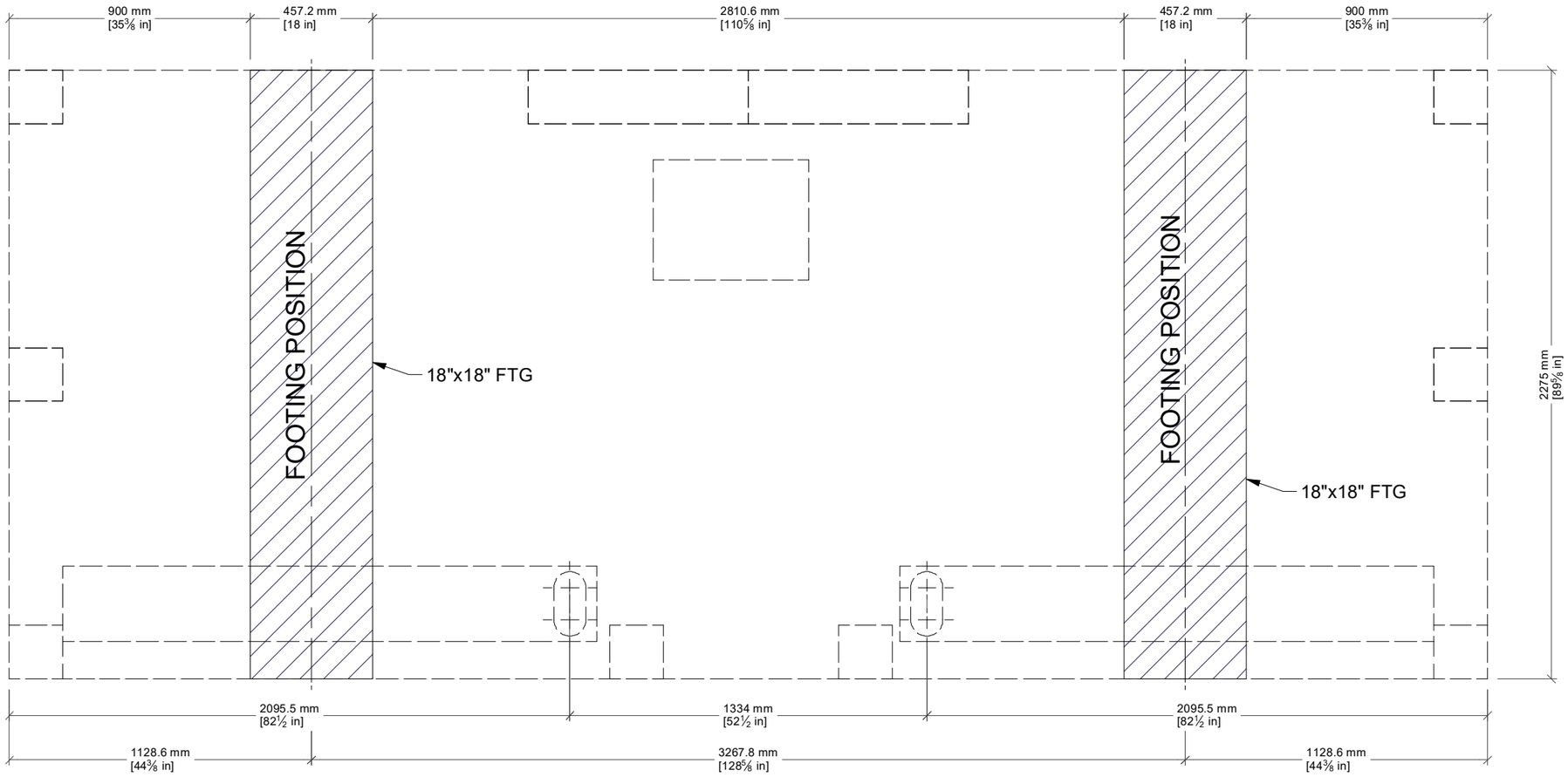
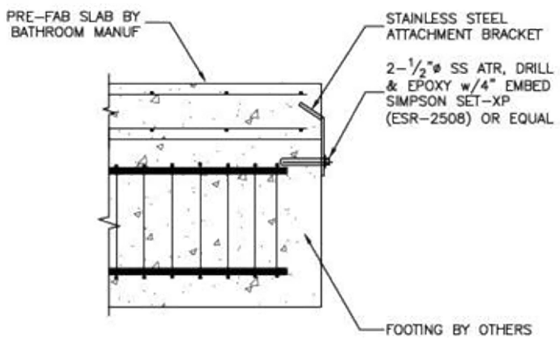
**NOTE:**
SLAB SLOPES FROM 5-1/8" (5-5/8" INC TILES) AT FRONT TO 6-1/4" (6-3/4" INC TILES) AT REAR.
FOOTING IS NOT PART OF THE BASE
- CONTRACTOR TO SUPPLY.

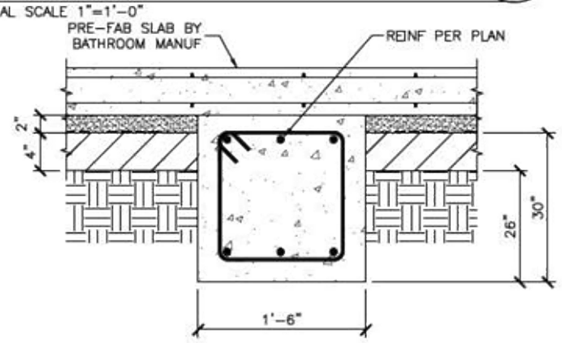
FOUNDATION PLAN




## SLAB TO FTG TIE (9)

PARTIAL SCALE 1"=1'-0"




NOTE:
1. THE SUBGRADE (BELOW THE AGGREGATE BASE) SHOULD BE SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES, MOISTURE CONDITIONED TO AT LEAST 3 PERCENT ABOVE OPTIMUM MOISTURE CONTENT, AND RE-COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION PER ASTM D-1557.
2. THE BOTTOM OF THE FOOTING EXCAVATION SHOULD BE COMPACTED WITH A JUMPING JACK COMPACTOR WITH AT LEAST 4 PASSES.
3. THE SLAB SHOULD BE UNDERLAIN BY 2 INCHES OF MASON SAND (ASTM C-144) COMPACTED WITH A VIBRATORY PLATE OVER A MINIMUM 4 INCHES OF CLASS 2 AGGREGATE BASE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION.

## FOOTING @ SLAB (10)

PARTIAL SCALE 1"=1'-0"

## FOUNDATION

1.GROUND CONDITIONS TO BE AT LEAST CAPABLE OF AN ALLOWABLE WORKING LOAD (DEAD AND LIVE) STRENGTH OF 2,000 psf
2.GROUND BEAM TO BE FILLED WITH 3,000 psi 28 DAY STRENGTH CONCRETE FOR 7 DAYS MIN. BEFORE PLACING EXELOO UNIT INTO POSITION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| Description: | Proj: | Units: | Rev. | Rev Date. |
|---|---|---|---|---|
| JUPITER SUPER TWIN/TRIPLE BASE FOR MODELS 22,23,32,33,42,43,52,53 | | in | 1-P | 27/05/2022 |

| Tolerance: | Scale: | Checked by: | Approved by: |
|---|---|---|---|
| +/-0.5 | N.T.S. | | |

| Material: | Finish: | Drawn by: | Creation Date: | Sheet No. | Drawing No: |
|---|---|---|---|---|---|
| | REF | JJG | 16/06/2011 | B 20 | 3D-2712 |

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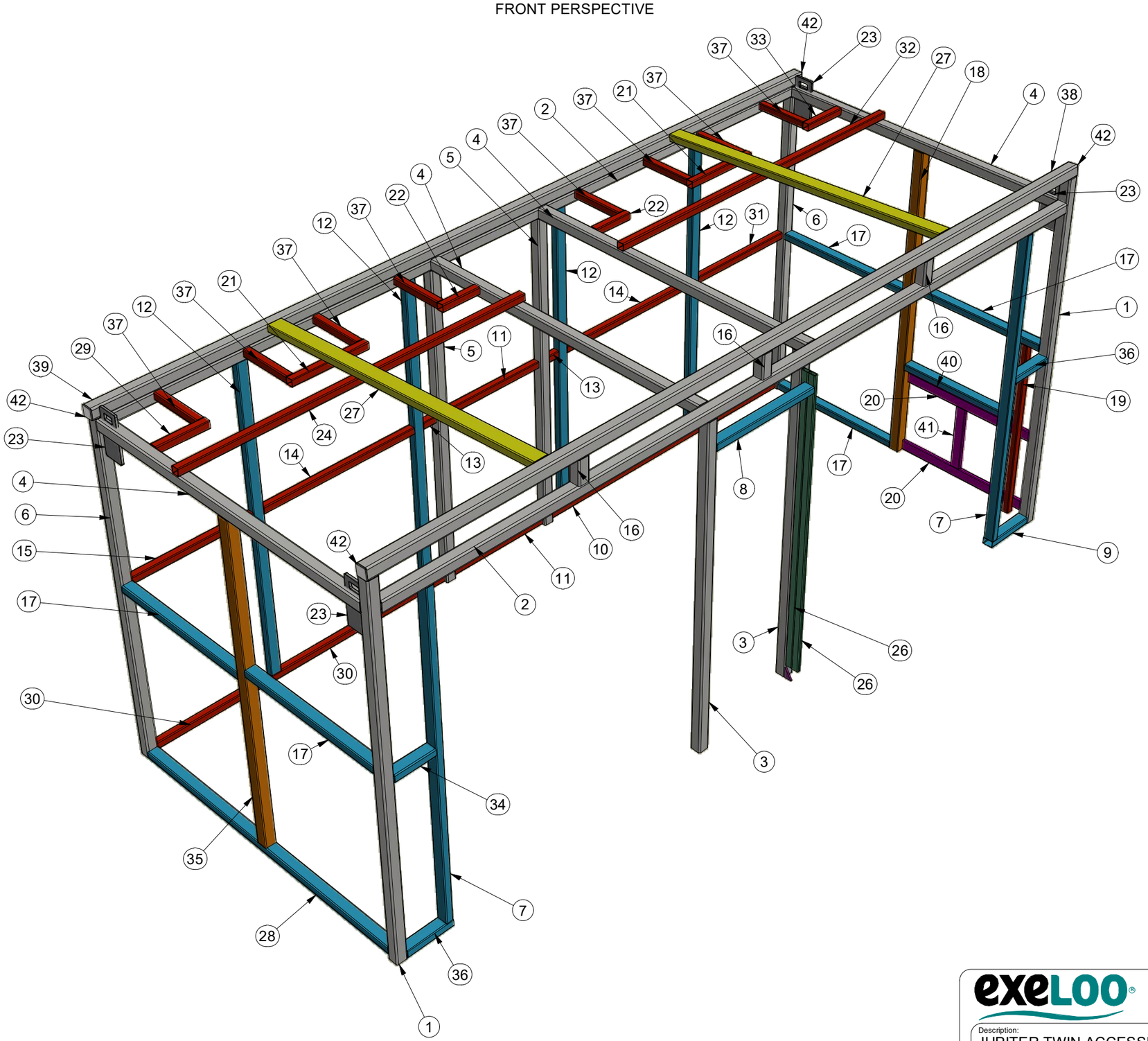
FRONT PERSPECTIVE



| Parts List | | | | |
|---|---|---|---|---|
| ITEM | PART NUMBER | ITEM QTY | UNIT QTY | QTY |
| 1 | AS 1163 - C350L0 75x75x5.0 SHS - 2558 | 2 | 100 11/16 in | 201 7/16 in |
| 2 | AS 1163 - C350L0 75x75x5.0 SHS - 5375 | 2 | 211 5/8 in | 423 1/4 in |
| 3 | AS 1163 - C350L0 75x75x5.0 SHS - 2325 | 3 | 91 9/16 in | 274 5/8 in |
| 4 | AS 1163 - C350L0 75x75x5.0 SHS - 2125 | 4 | 83 11/16 in | 334 5/8 in |
| 5 | AS 1163 - C350L0 75x75x5.0 SHS - 2295 | 2 | 90 3/8 in | 180 11/16 in |
| 6 | AS 1163 - C350L0 75x75x5.0 SHS - 2370 | 2 | 93 5/16 in | 186 5/8 in |
| 7 | AS 1163 - C350L0 75x50x3.0 RHS - 2275 | 6 | 89 9/16 in | 537 3/8 in |
| 8 | AS 1163 - C350L0 75x50x3.0 RHS - 780 | 1 | 30 11/16 in | 30 11/16 in |
| 9 | AS 1163 - C350L0 75x50x3.0 RHS - 372.5 | 1 | 14 11/16 in | 14 11/16 in |
| 10 | AS 1163 - C350L0 50x50x3.0 SHS - 2212.5 | 1 | 87 1/8 in | 87 1/8 in |
| 11 | AS 1163 - C350L0 50x50x3.0 SHS - 780 | 2 | 30 11/16 in | 61 7/16 in |
| 12 | AS 1163 - C350L0 75x50x3.0 RHS - 2245 | 4 | 88 3/8 in | 353 9/16 in |
| 13 | AS 1163 - C350L0 50x50x3.0 SHS - 99.5 | 2 | 3 15/16 in | 7 13/16 in |
| 14 | AS 1163 - C350L0 50x50x3.0 SHS - 1135 | 2 | 44 11/16 in | 89 3/8 in |
| 15 | AS 1163 - C350L0 50x50x3.0 SHS - 848 | 1 | 33 3/8 in | 33 3/8 in |
| 16 | AS 1163 - C350L0 75x75x5.0 SHS - 158 | 3 | 6 1/4 in | 18 11/16 in |
| 17 | AS 1163 - C350L0 75x50x3.0 RHS - 1025 | 6 | 40 3/8 in | 242 1/8 in |
| 18 | AS 1163 - C350L0 75x75x3.0 SHS - 2295 | 2 | 90 3/8 in | 180 11/16 in |
| 19 | AS 1163 - C350L0 50x50x3.0 SHS - 1311 | 2 | 51 5/8 in | 103 1/4 in |
| 20 | AS 1163 - C350L0 75x25x2.5 RHS - 1025 | 4 | 40 3/8 in | 161 7/16 in |
| 21 | AS 1163 - C350L0 50x50x3.0 SHS - 533 | 2 | 21 in | 41 15/16 in |
| 22 | AS 1163 - C350L0 50x50x3.0 SHS - 279 | 2 | 11 in | 21 15/16 in |
| 23 | 55254235 | 4 | 1/16 in | 3/16 in |
| 24 | AS 1163 - C350L0 50x50x3.0 SHS - 2382.5 | 1 | 93 13/16 in | 93 13/16 in |
| 25 | 55250622 | 2 | 1/16 in | 1/16 in |
| 26 | AS 1163 - C350L0 50x25x3.0 RHS - 2125 | 2 | 83 11/16 in | 167 5/16 in |
| 27 | AS 1163 - C350L0 100x50x3.0 RHS - 2126.126 | 2 | 83 11/16 in | 167 7/16 in |
| 28 | AS 1163 - C350L0 75x50x3.0 RHS - 2125 | 2 | 83 11/16 in | 167 5/16 in |
| 29 | AS 1163 - C350L0 50x50x3.0 SHS - 340.5 | 1 | 13 3/8 in | 13 3/8 in |
| 30 | AS 1163 - C350L0 50x50x3.0 SHS - 2232.5 | 1 | 87 7/8 in | 87 7/8 in |
| 31 | AS 1163 - C350L0 50x50x3.0 SHS - 828 | 1 | 32 5/8 in | 32 5/8 in |
| 32 | AS 1163 - C350L0 50x50x3.0 SHS - 2362.5 | 1 | 93 in | 93 in |
| 33 | AS 1163 - C350L0 50x50x3.0 SHS - 320.5 | 1 | 12 5/8 in | 12 5/8 in |
| 34 | AS 1163 - C350L0 75x50x3.0 RHS - 272.5 | 1 | 10 3/4 in | 10 3/4 in |
| 35 | AS 1163 - C350L0 75x75x3.0 SHS - 2245 | 1 | 88 3/8 in | 88 3/8 in |
| 36 | AS 1163 - C350L0 75x50x3.0 RHS - 322.5 | 2 | 12 11/16 in | 25 3/8 in |
| 37 | AS 1163 - C350L0 50x50x3.0 SHS - 374 | 8 | 14 3/4 in | 117 13/16 in |
| 38 | AS 1163 - C350L0 75x75x5.0 SHS - 5513 | 1 | 217 1/16 in | 217 1/16 in |
| 39 | AS 1163 - C350L0 75x75x5.0 SHS - 5558 | 1 | 218 13/16 in | 218 13/16 in |
| 40 | AS 1163 - C350L0 75x50x3.0 RHS - 891 | 2 | 35 1/16 in | 70 3/16 in |
| 41 | AS 1163 - C350L0 75x25x2.5 RHS - 478 | 2 | 18 13/16 in | 37 5/8 in |
| 42 | 55254335 | 4 | 1/16 in | 3/16 in |

| REV | DESCRIPTION | DATE |
|---|---|---|
| 1-B | REMOVE ROOF OUTRIGGERS | 29/04/2022 |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| | | | | | |
|---|---|---|---|---|---|
| Description: JUPITER TWIN ACCESSIBLE USA FRAME - SINGLE BABY CHANGE | | Proj: | Units: in | Rev. 1-B | Rev Date. 27/05/2022 |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 11/05/2021 | Sheet No. S 21 | Drawing No: JUP22DD-US-TF1001 |

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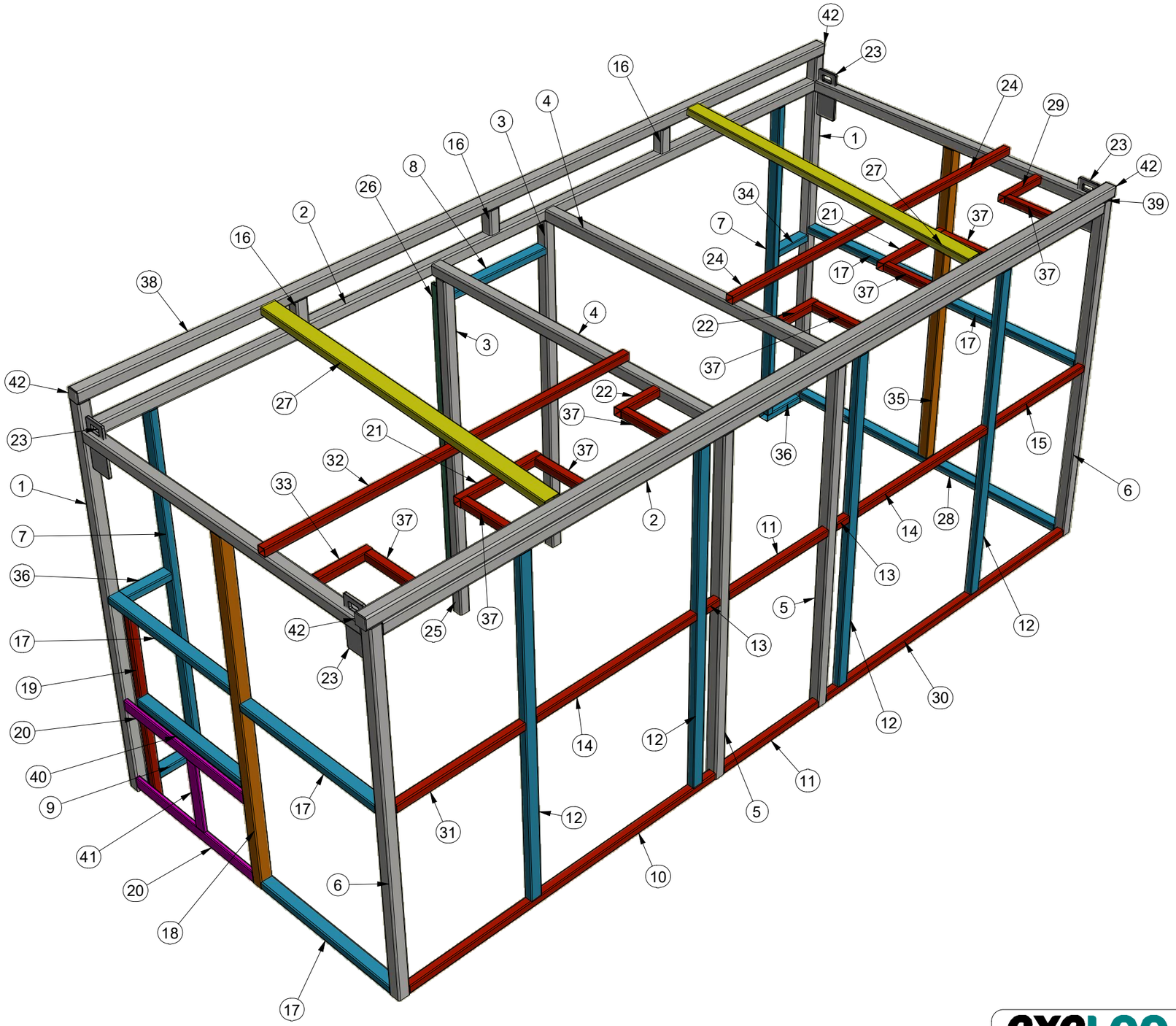
REAR PERSPECTIVE



| Parts List | | | | |
|---|---|---|---|---|
| ITEM | PART NUMBER | ITEM QTY | UNIT QTY | QTY |
| 1 | AS 1163 - C350L0 75x75x5.0 SHS - 2558 | 2 | 100 11/16 in | 201 7/16 in |
| 2 | AS 1163 - C350L0 75x75x5.0 SHS - 5375 | 2 | 211 5/8 in | 423 1/4 in |
| 3 | AS 1163 - C350L0 75x75x5.0 SHS - 2325 | 3 | 91 9/16 in | 274 5/8 in |
| 4 | AS 1163 - C350L0 75x75x5.0 SHS - 2125 | 4 | 83 11/16 in | 334 5/8 in |
| 5 | AS 1163 - C350L0 75x75x5.0 SHS - 2295 | 2 | 90 3/8 in | 180 11/16 in |
| 6 | AS 1163 - C350L0 75x75x5.0 SHS - 2370 | 2 | 93 5/16 in | 186 5/8 in |
| 7 | AS 1163 - C350L0 75x50x3.0 RHS - 2275 | 6 | 89 9/16 in | 537 3/8 in |
| 8 | AS 1163 - C350L0 75x50x3.0 RHS - 780 | 1 | 30 11/16 in | 30 11/16 in |
| 9 | AS 1163 - C350L0 75x50x3.0 RHS - 372.5 | 1 | 14 11/16 in | 14 11/16 in |
| 10 | AS 1163 - C350L0 50x50x3.0 SHS - 2212.5 | 1 | 87 1/8 in | 87 1/8 in |
| 11 | AS 1163 - C350L0 50x50x3.0 SHS - 780 | 2 | 30 11/16 in | 61 7/16 in |
| 12 | AS 1163 - C350L0 75x50x3.0 RHS - 2245 | 4 | 88 3/8 in | 353 9/16 in |
| 13 | AS 1163 - C350L0 50x50x3.0 SHS - 99.5 | 2 | 3 15/16 in | 7 13/16 in |
| 14 | AS 1163 - C350L0 50x50x3.0 SHS - 1135 | 2 | 44 11/16 in | 89 3/8 in |
| 15 | AS 1163 - C350L0 50x50x3.0 SHS - 848 | 1 | 33 3/8 in | 33 3/8 in |
| 16 | AS 1163 - C350L0 75x75x5.0 SHS - 158 | 3 | 6 1/4 in | 18 11/16 in |
| 17 | AS 1163 - C350L0 75x50x3.0 RHS - 1025 | 6 | 40 3/8 in | 242 1/8 in |
| 18 | AS 1163 - C350L0 75x75x3.0 SHS - 2295 | 2 | 90 3/8 in | 180 11/16 in |
| 19 | AS 1163 - C350L0 50x50x3.0 SHS - 1311 | 2 | 51 5/8 in | 103 1/4 in |
| 20 | AS 1163 - C350L0 75x25x2.5 RHS - 1025 | 4 | 40 3/8 in | 161 7/16 in |
| 21 | AS 1163 - C350L0 50x50x3.0 SHS - 533 | 2 | 21 in | 41 15/16 in |
| 22 | AS 1163 - C350L0 50x50x3.0 SHS - 279 | 2 | 11 in | 21 15/16 in |
| 23 | 55254235 | 4 | 1/16 in | 3/16 in |
| 24 | AS 1163 - C350L0 50x50x3.0 SHS - 2382.5 | 1 | 93 13/16 in | 93 13/16 in |
| 25 | 55250622 | 2 | 1/16 in | 1/16 in |
| 26 | AS 1163 - C350L0 50x25x3.0 RHS - 2125 | 2 | 83 11/16 in | 167 5/16 in |
| 27 | AS 1163 - C350L0 100x50x3.0 RHS - 2126.126 | 2 | 83 11/16 in | 167 7/16 in |
| 28 | AS 1163 - C350L0 75x50x3.0 RHS - 2125 | 2 | 83 11/16 in | 167 5/16 in |
| 29 | AS 1163 - C350L0 50x50x3.0 SHS - 340.5 | 1 | 13 3/8 in | 13 3/8 in |
| 30 | AS 1163 - C350L0 50x50x3.0 SHS - 2232.5 | 1 | 87 7/8 in | 87 7/8 in |
| 31 | AS 1163 - C350L0 50x50x3.0 SHS - 828 | 1 | 32 5/8 in | 32 5/8 in |
| 32 | AS 1163 - C350L0 50x50x3.0 SHS - 2362.5 | 1 | 93 in | 93 in |
| 33 | AS 1163 - C350L0 50x50x3.0 SHS - 320.5 | 1 | 12 5/8 in | 12 5/8 in |
| 34 | AS 1163 - C350L0 75x50x3.0 RHS - 272.5 | 1 | 10 3/4 in | 10 3/4 in |
| 35 | AS 1163 - C350L0 75x75x3.0 SHS - 2245 | 1 | 88 3/8 in | 88 3/8 in |
| 36 | AS 1163 - C350L0 75x50x3.0 RHS - 322.5 | 2 | 12 11/16 in | 25 3/8 in |
| 37 | AS 1163 - C350L0 50x50x3.0 SHS - 374 | 8 | 14 3/4 in | 117 13/16 in |
| 38 | AS 1163 - C350L0 75x75x5.0 SHS - 5513 | 1 | 217 1/16 in | 217 1/16 in |
| 39 | AS 1163 - C350L0 75x75x5.0 SHS - 5558 | 1 | 218 13/16 in | 218 13/16 in |
| 40 | AS 1163 - C350L0 75x50x3.0 RHS - 891 | 2 | 35 1/16 in | 70 3/16 in |
| 41 | AS 1163 - C350L0 75x25x2.5 RHS - 478 | 2 | 18 13/16 in | 37 5/8 in |
| 42 | 55254335 | 4 | 1/16 in | 3/16 in |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|---|---|---|---|---|---|
| Description: JUPITER TWIN ACCESSIBLE USA FRAME - SINGLE BABY CHANGE | | Proj: | Units: in | Rev. **1-B** | Rev Date. **27/05/2022** |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 11/05/2021 | Sheet No. S 22 | Drawing No: **JUP22DD-US-TF1001** |

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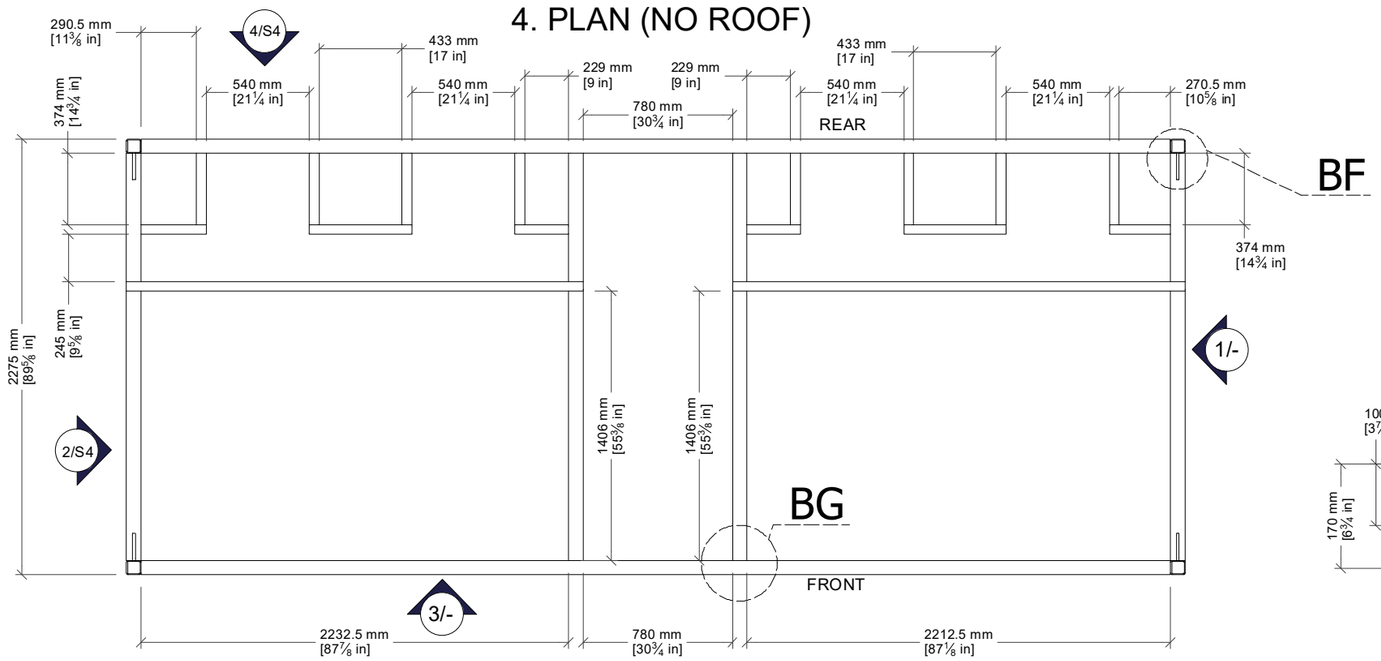
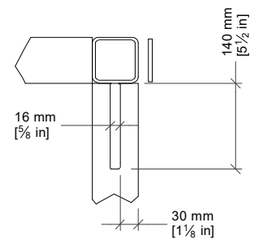
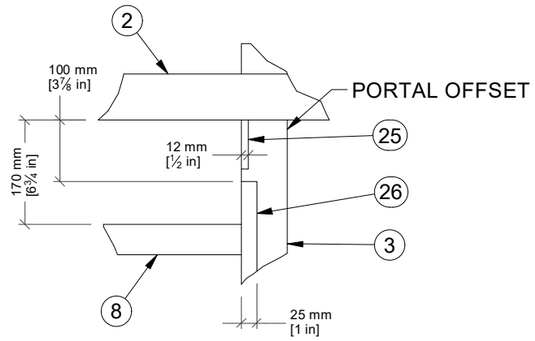
## 4. PLAN (NO ROOF)



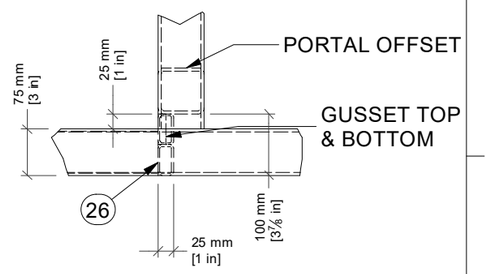

BF ( 1:10 )



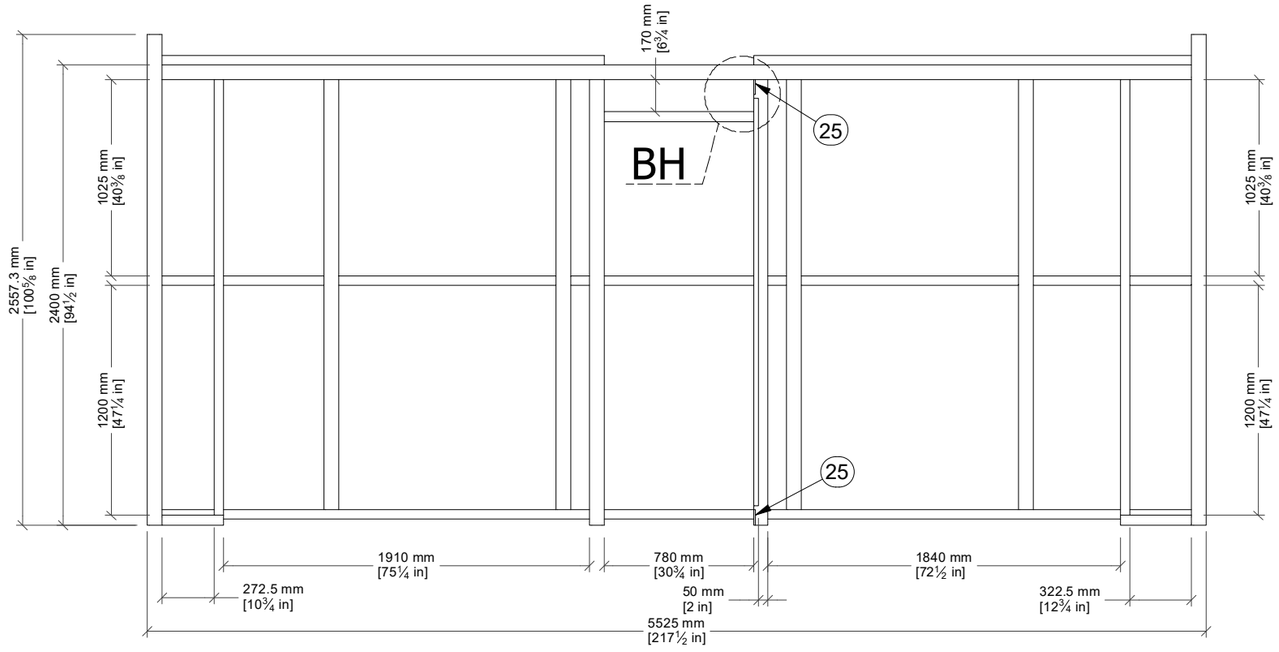

BH ( 1 : 10 )



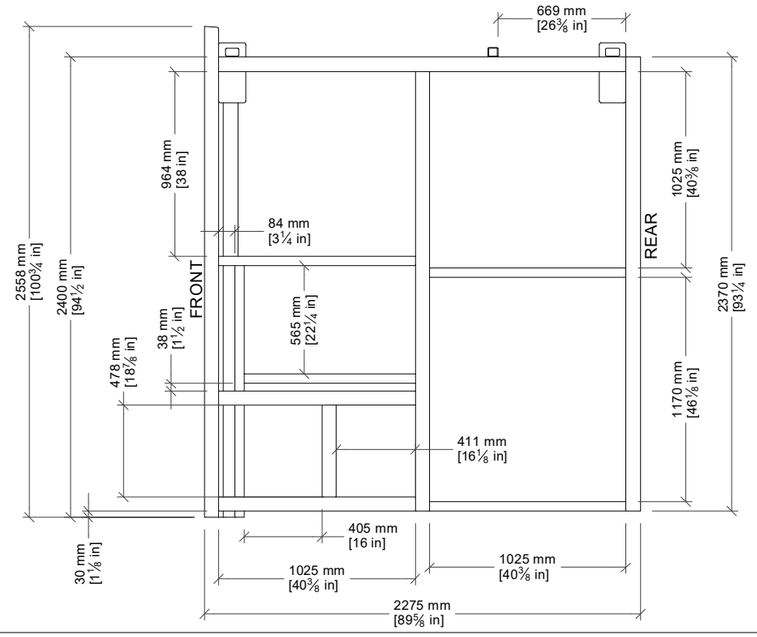

BG ( 1 : 10 )




## 3. FRONT ELEVATION (NO ROOF)




## 1. RIGHT ELEVATION (NO ROOF)

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| JUPITER TWIN ACCESSIBLE USA FRAME - SINGLE BABY CHANGE | | in | 1-B | 27/05/2022 |
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| | | | | Drawing No: **JUP22DD-US-TF1001** |

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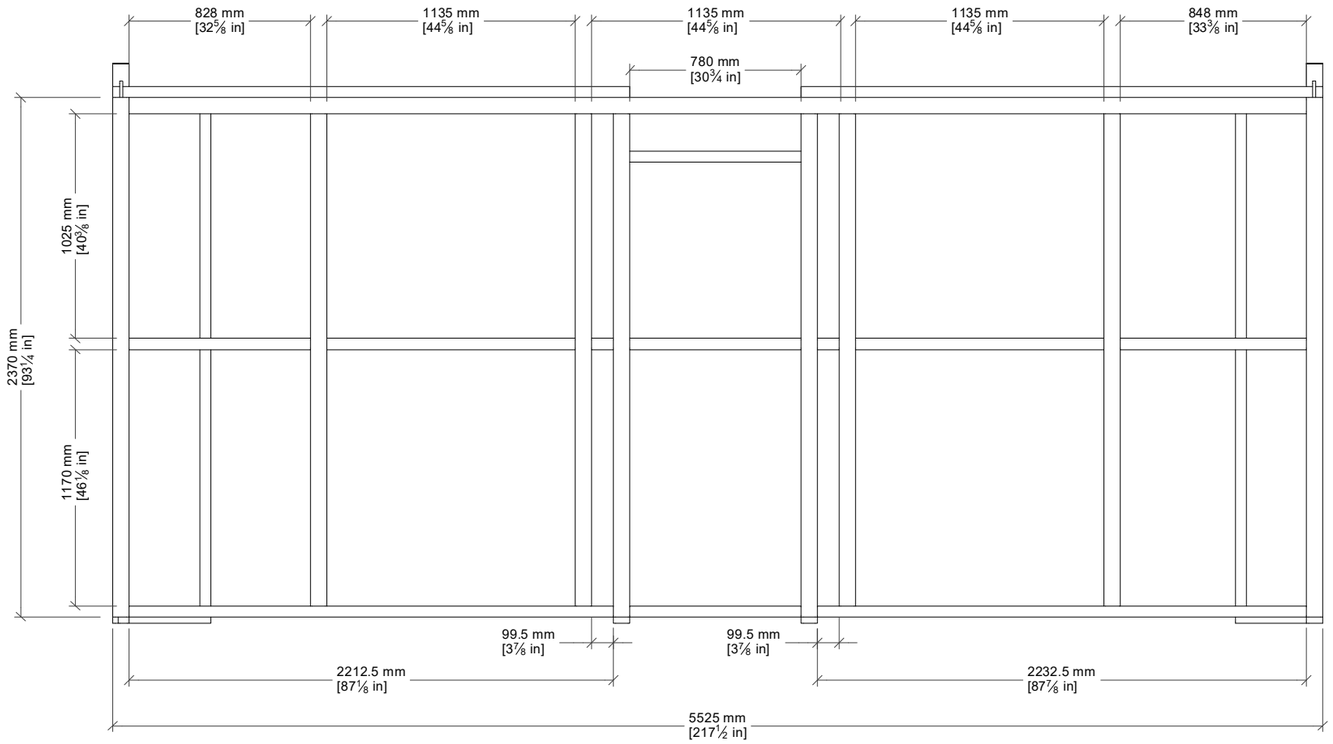
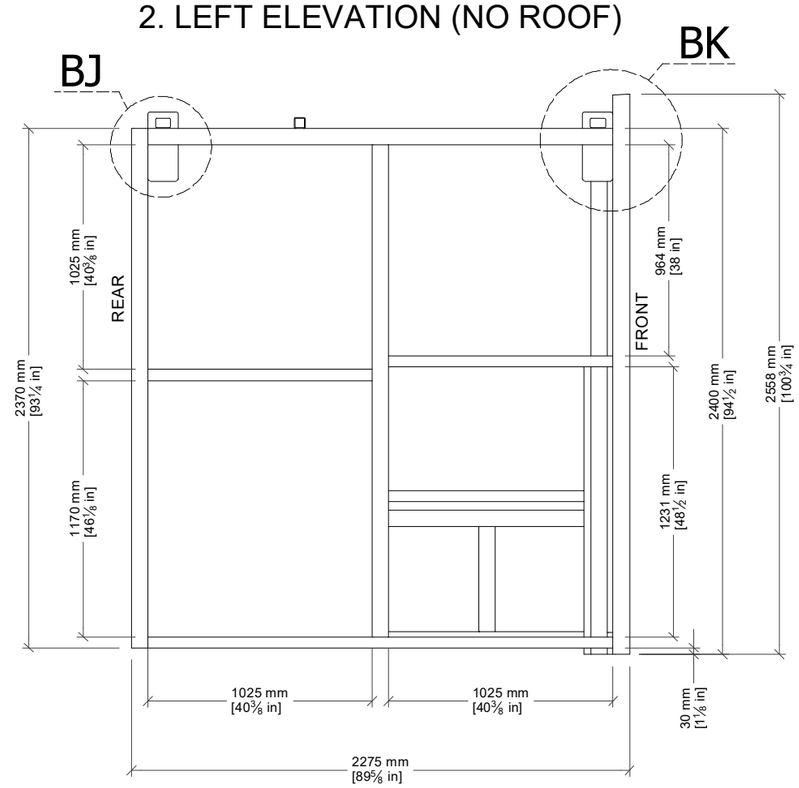
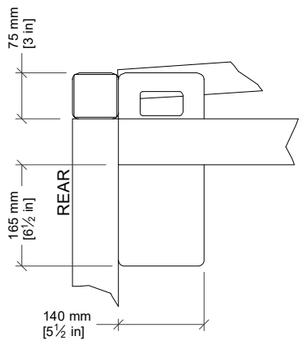
## 5. REAR ELEVATION (NO ROOF)



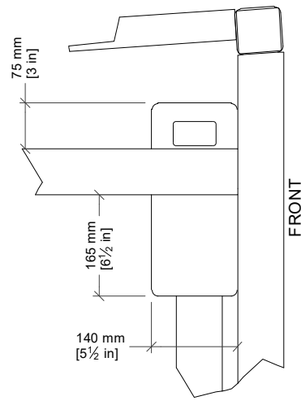

## 2. LEFT ELEVATION (NO ROOF)




## 6. FRONT LIFTING PLATE DETAIL VIEW BJ




## 7. FRONT LIFTING PLATE DETAIL VIEW BK

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| | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 11/05/2021 | Sheet No. S 24 |
| | | | | Drawing No: **JUP22DD-US-TF1001** |

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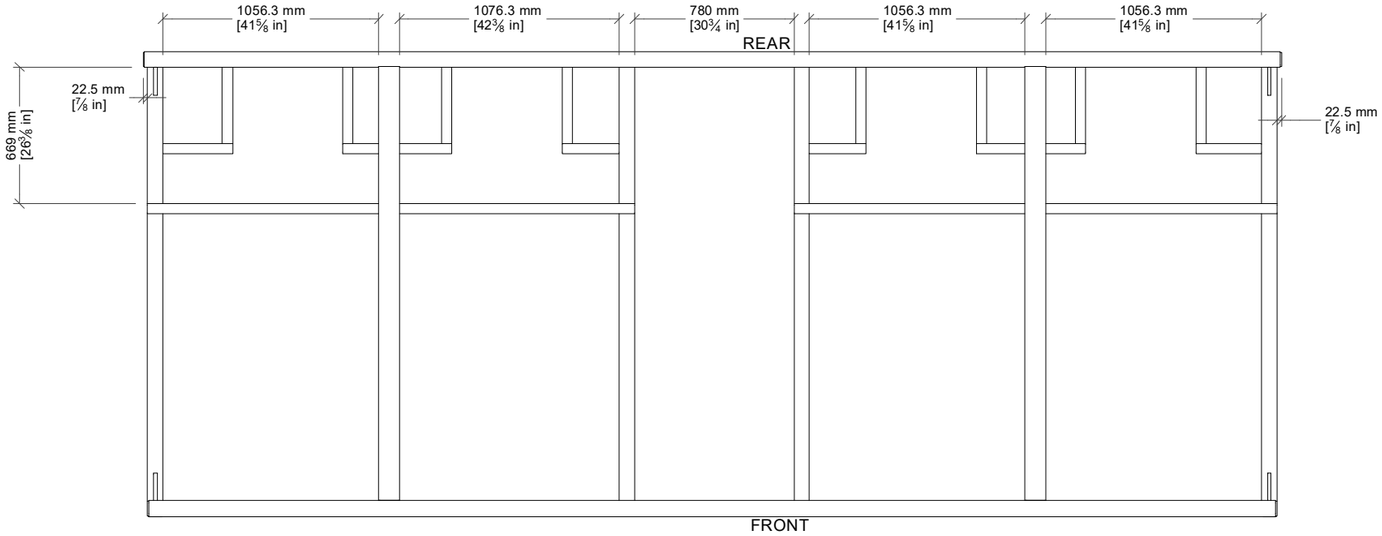
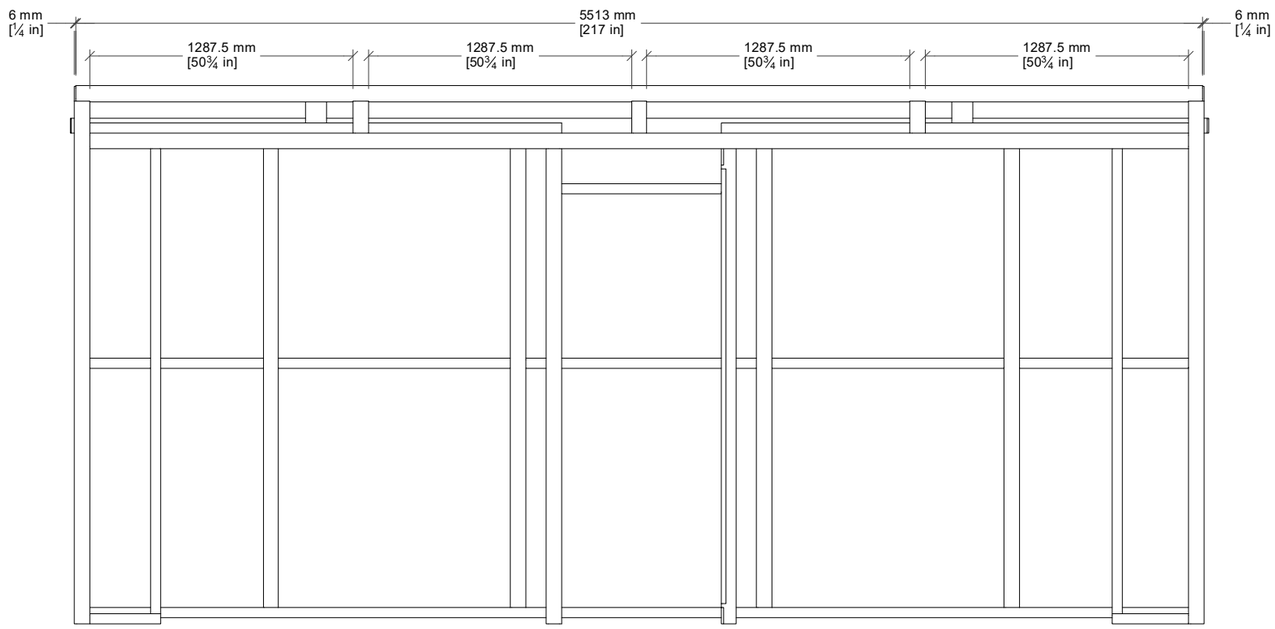
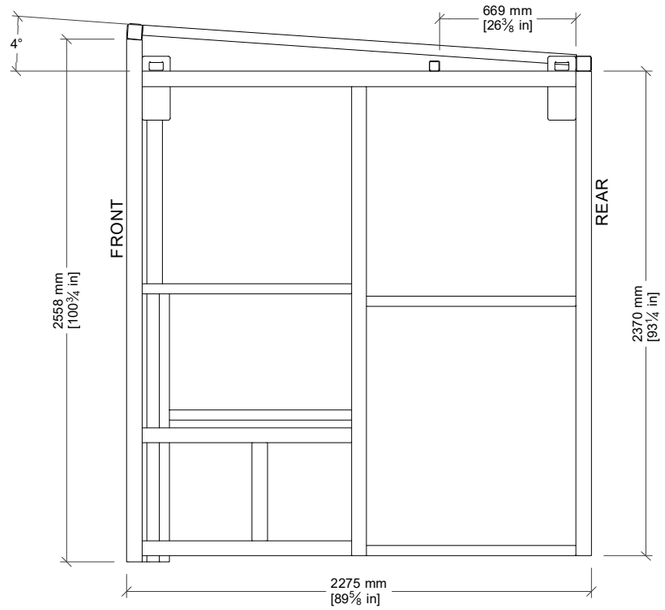
## PLAN VIEW




## FRONT ELEVATION




## RIGHT ELEVATION

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|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA FRAME - SINGLE BABY CHANGE | | in | **1-B** | **27/05/2022** |

| Tolerance: | Scale: | Checked by: | Approved by: |
|---|---|---|---|
| +/-0.5 | N.T.S. | | |

| Material: | Finish: | Drawn by: | Creation Date: | Sheet No. | Drawing No: |
|---|---|---|---|---|---|
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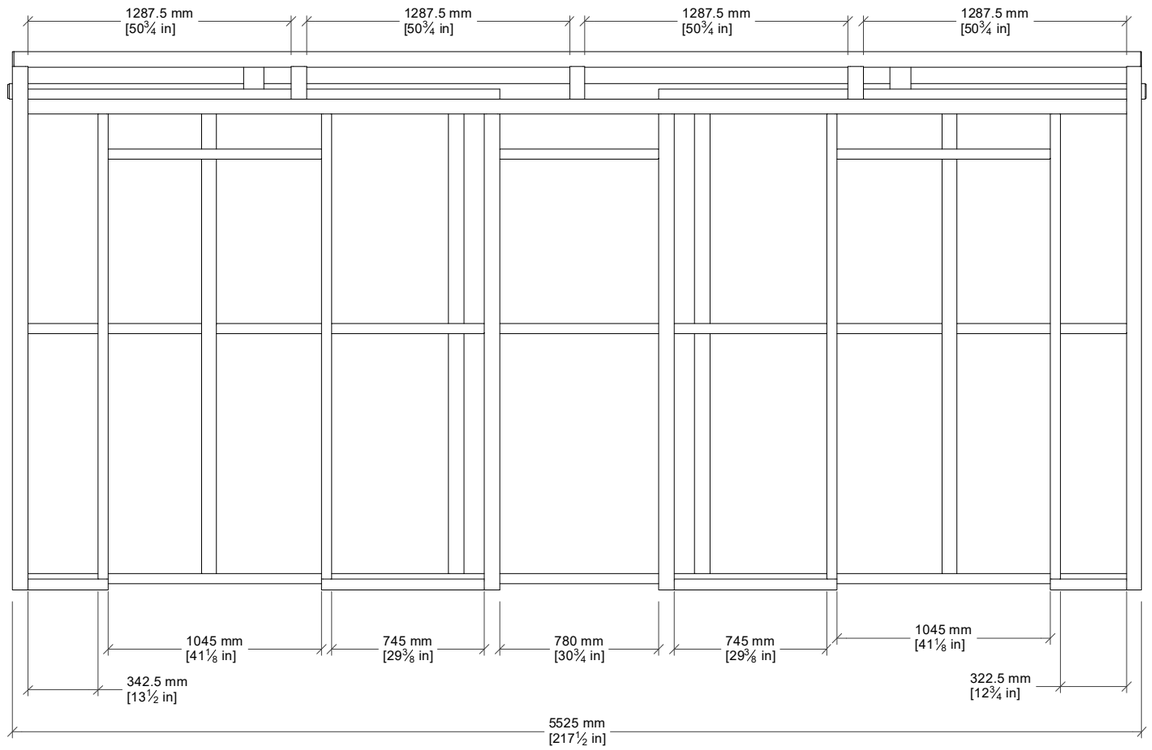
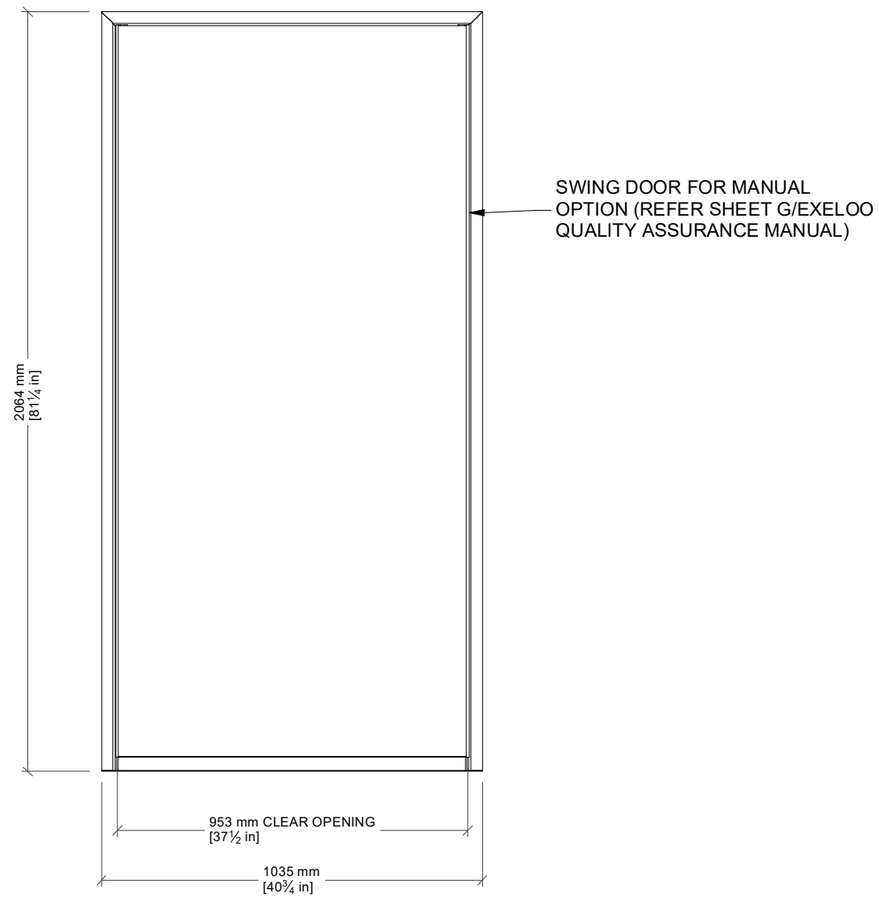
FRONT ELEVATION




FRONT - ACCESSIBLE SWING DOOR





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| Tolerance: | Scale: | Checked by: | Approved by: |
|---|---|---|---|
| +/-0.5 | N.T.S. | | |

| Material: | Finish: | Drawn by: | Creation Date: | Sheet No. | Drawing No: |
|---|---|---|---|---|---|
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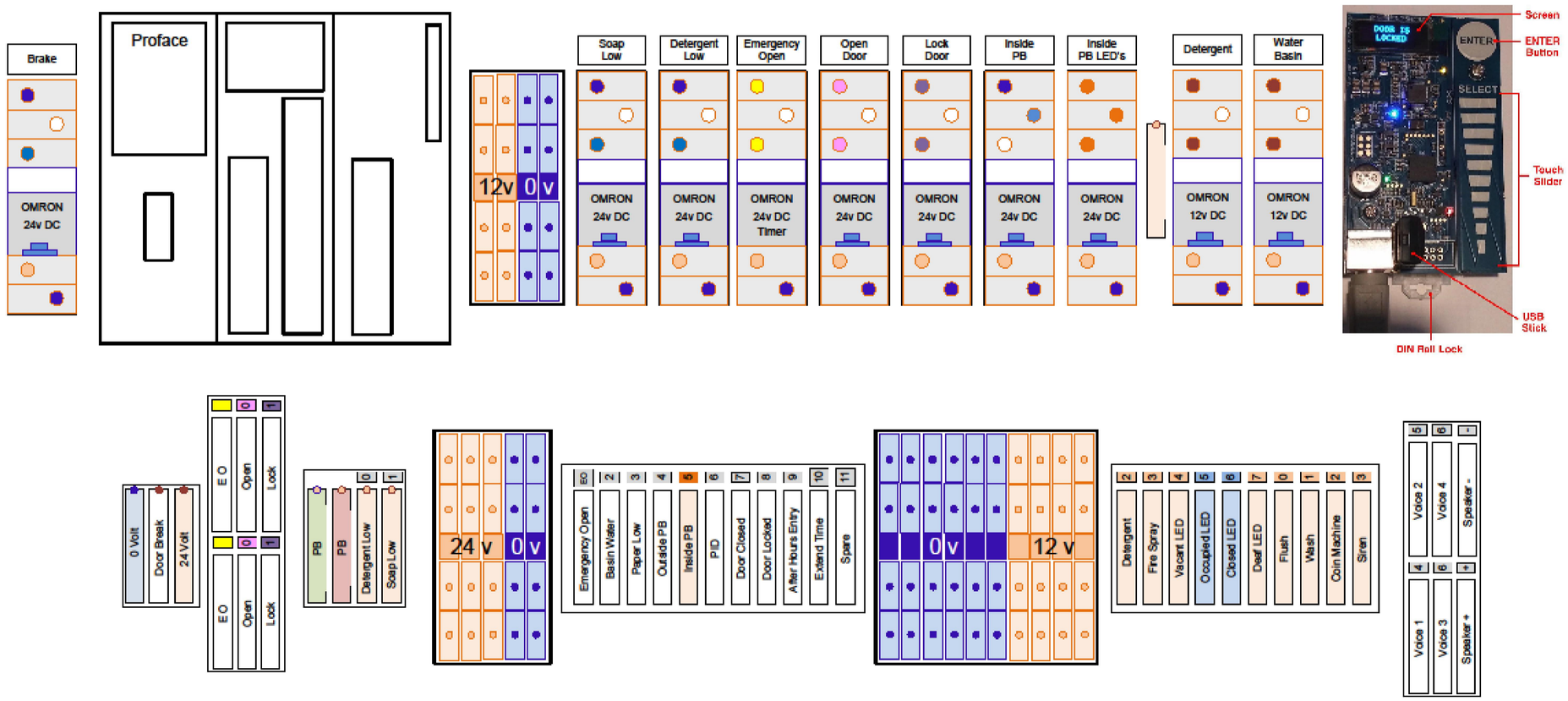
# Auxillary Control Box

# Layout





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|---|---|---|---|---|
| JUPITER TWIN ACCESSIBLE USA | | in | 1-H | 24/08/2022 |

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|---|---|---|---|
| +/-0.5 | N.T.S. | | |

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|---|---|---|---|---|---|
| | REF | JJG | 16/04/2012 | B 27 | ASJUP22DD-US1BON |

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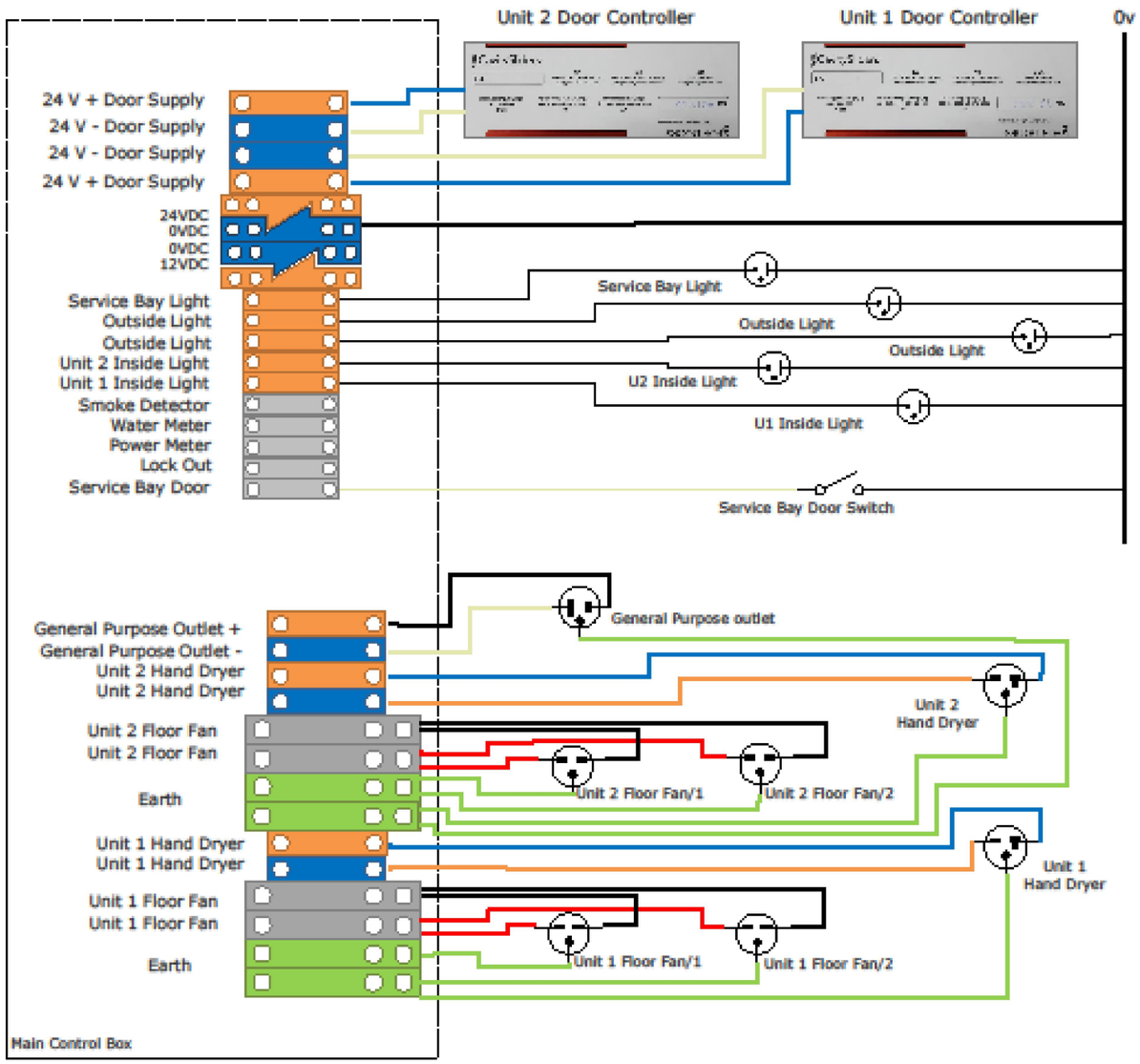
# Main Control Box





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954 Toro St San Luis Obispo CA 93401
PO Box 13310 San Luis Obispo CA 93406
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| | | | | | |
|---|---|---|---|---|---|
| Description: JUPITER TWIN ACCESSIBLE USA | | Proj: | Units: in | Rev. 1-H | Rev Date. 24/08/2022 |
| | | Tolerance: +/-0.5 | Scale: N.T.S. | Checked by: | Approved by: |
| Material: | Finish: REF | Drawn by: JJG | Creation Date: 16/04/2012 | Sheet No. B 28 | Drawing No: ASJUP22DD-US1BON |

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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

## Max Load = General Load + Heating + Floor Fan + 1 Hand Dryer + Extra's

| | Watts Black | Watts Red | Amps Black | Amps Red |
|---|---|---|---|---|
| General Load | 315 | 480 | 2.63 | 4.00 |
| Heating | 0 | 0 | 0.00 | 0.00 |
| One Unit Drying | 3,000 | 3,000 | 12.50 | 12.50 |
| One Unit Hand Dryer | 2,000 | 2,000 | 8.33 | 8.33 |
| Extra's | 0 | 0 | 0.00 | 0.00 |
| | 5,315 | 5,480 | 23.46 | 24.83 |


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| | | | | Drawing No: ASJUP22DD-US1BON |

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Electrical Panel Schedule Box 1

Twin Control Box

Mounted on the wall in the Service Bay

| Main | 63 Amp | Volts 120/240 | Single Phase Three Wire |
|---|---|---|---|

| Load Description | Watts A Ø | Watts B Ø | Breaker | Poles | Circuit | WS |
|---|---|---|---|---|---|---|
| Unit 1 Floor Fans | 1500 | | 20 Amps | 2 | AC 1 | 12 |
| Unit 1 Hand Dryer | 1600 | | 15 Amps | 2 | AC 2 | 14 |
| Box 1 General Power | 0 | | 15 Amps | 1 | AC 3 | 10 |
| Unit 2 Floor Fans | 1500 | | 20 Amps | 2 | AC 4 | 12 |
| Unit 2 Hand Dryer | 1600 | | 15 Amps | 2 | AC 5 | 14 |
| Unit 1 12 Volt DC Power Supply | 120 | | 6 Amps | 1 | AC 6 | 18 |
| Unit 2 12 Volt DC Power Supply | 120 | | 6 Amps | 1 | AC 7 | 18 |
| PLC Power 24 Volt DC Power Supply | 75 | | 6 Amps | 1 | AC 8 | 18 |
| Door Power 24 Volt DC Power Supply | | 480 | 6 Amps | 1 | AC 9 | 18 |
| | | | | | | |
| Unit 1 DC Lighting | | | 6 Amps | 1 | DC 10 | 16 |
| Unit 1 12 Volt DC | DC | | 6 Amps | 1 | DC 11 | 16 |
| PLC Power 24 Volt | | | 3 Amps | 1 | DC 12 | 16 |
| Unit 1 Door Power 24 Volt DC | | | 20 Amps | 1 | DC 13 | 10 |
| | | | | | | |
| Unit 2 DC Lighting | | | 6 Amps | 1 | DC 14 | 16 |
| Unit 2 12 Volt DC | DC | | 6 Amps | 1 | DC 15 | 16 |
| Unit 2 Door Power 24 Volt DC | | | 20 Amps | 1 | DC 16 | 10 |

| | Watts | | Amps | |
|---|---|---|---|---|
| | A Ø | B Ø | A Ø | B Ø |
| Vacant Mode | 315 | 48 | 2.63 | 0.40 |
| Max Running Load | 4915 | 5080 | 21.79 | 23.17 |
| Full Load - Not Possible | 9515 | 9680 | 40.96 | 42.33 |

Box 1 Twin

| | Watts | | Amps | |
|---|---|---|---|---|
| | A Ø | B Ø | A Ø | B Ø |
| Vacant Mode | 315 | 48 | 2.63 | 0.40 |
| Max Running Load | 4915 | 5080 | 21.79 | 23.17 |
| Full Load - Not Possible | 9515 | 9680 | 40.96 | 42.33 |

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| | | | | Drawing No: ASJUP22DD-US1BON |

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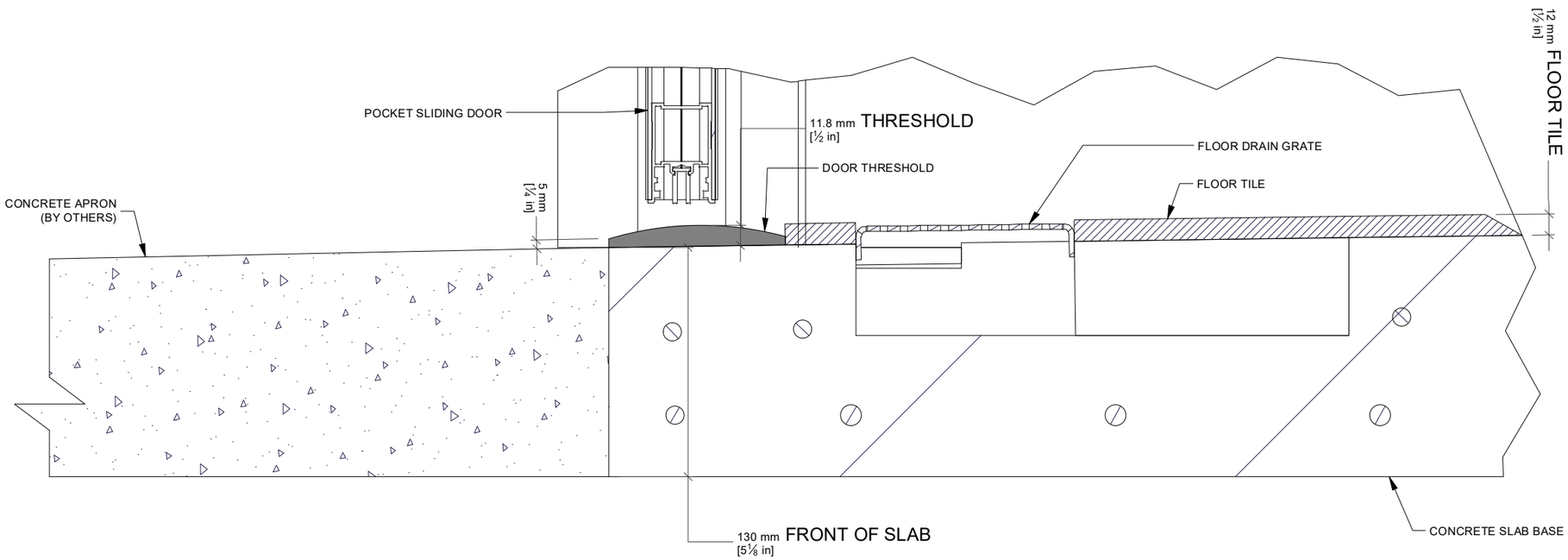
# DOOR ENTRY & CONCRETE APRON
( 1 : 3 )





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|---|---|---|---|
| +/-0.5 | N.T.S. | | |

| Material: | Finish: | Drawn by: | Creation Date: | Sheet No. | Drawing No: |
|---|---|---|---|---|---|
| | REF | JJG | 16/04/2012 | B 31 | ASJUP22DD-US1BON |

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