



CITY OF PERRIS

EARLY CHILDHOOD LEARNING

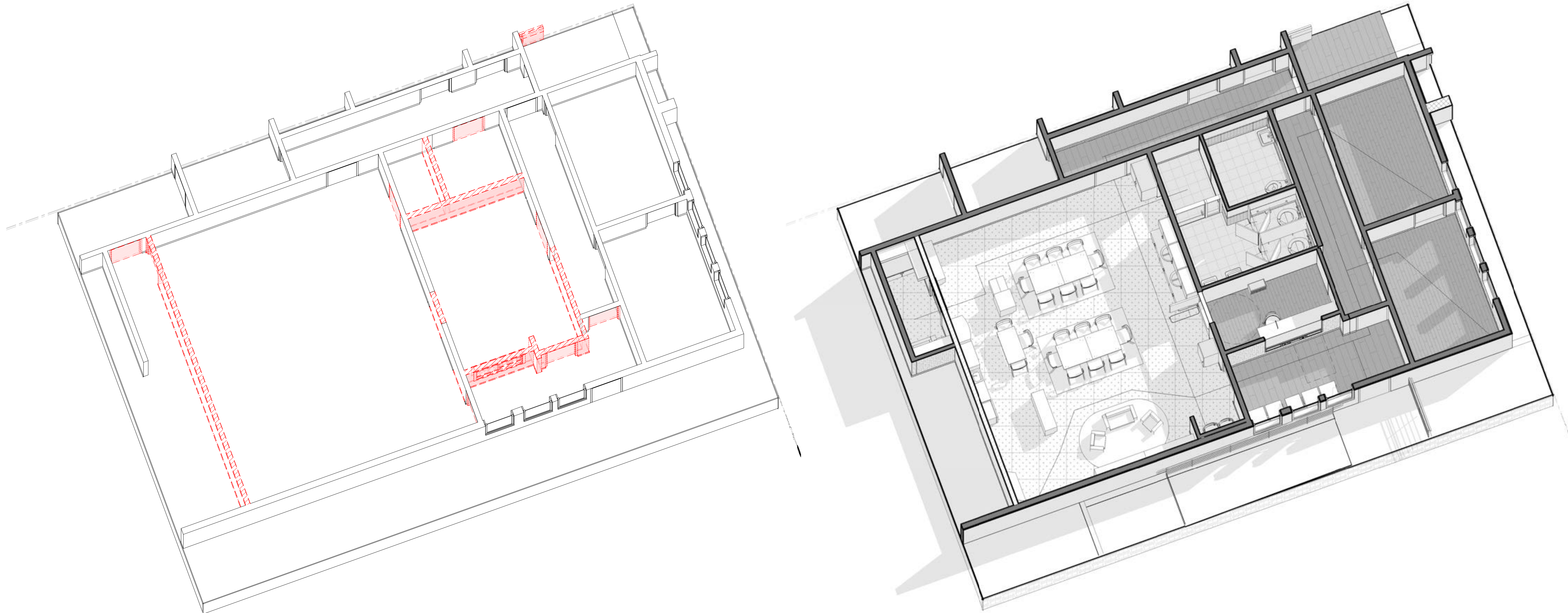
DESIGN TEAM

DESIGN TEAM:
Everett Smith Designs
 PERRIS, CA 92570
 951.323.2187
 everett@everettsmithdesigns.com

MEP:
BLUEBERRY, INC.
 WWW.BLUEBERRYENG.COM
 OFFICE: (949)945-9614 X101
 DIRECT: (949)945-5036

SITE DATA

OWNER: CITY OF PERRIS
 SITE ADDRESS: 227 N. D STREET, PERRIS CA
 SCOPE OF WORK: TENANT IMPROVEMENT
 County: RIVERSIDE, CA
 Assessor: PETER ALDANA, ASSESSOR
 Parcel # (APN): MULTIPLE
 Parcel Status: ACTIVE
 Owner Name: CITY OF PERRIS
 Mailing Address: 101 NORTH D ST PERRIS CA 92570



PREPARED BY:



**EVERETT SMITH
 DESIGNS, INC**

RIVERSIDE COUNTY, CA
 TEL: 951-323-2187

Everett Smith

Email: everett@everettsmithdesigns.com
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101 N. D STREET
 PERRIS, CA

PROJECT:

227 N D St suite A,
 Perris, CA 92570

**227 N D ST. - EARLY
 CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:

227 N D St suite A,
 Perris, CA 92570

CLIENT NAME:

CITY OF PERRIS

Title Sheet

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE PLANS/CONTRACTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HERETOBY THE JURISDICTION PLAN REVIEW ACCEPTANCE OF CALIFORNIA AND HERETOBY AUTHORITY. DATE: 12/06/2023
 THESE SETS OF PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND BE AVAILABLE TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY. OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

Project number 21-2155

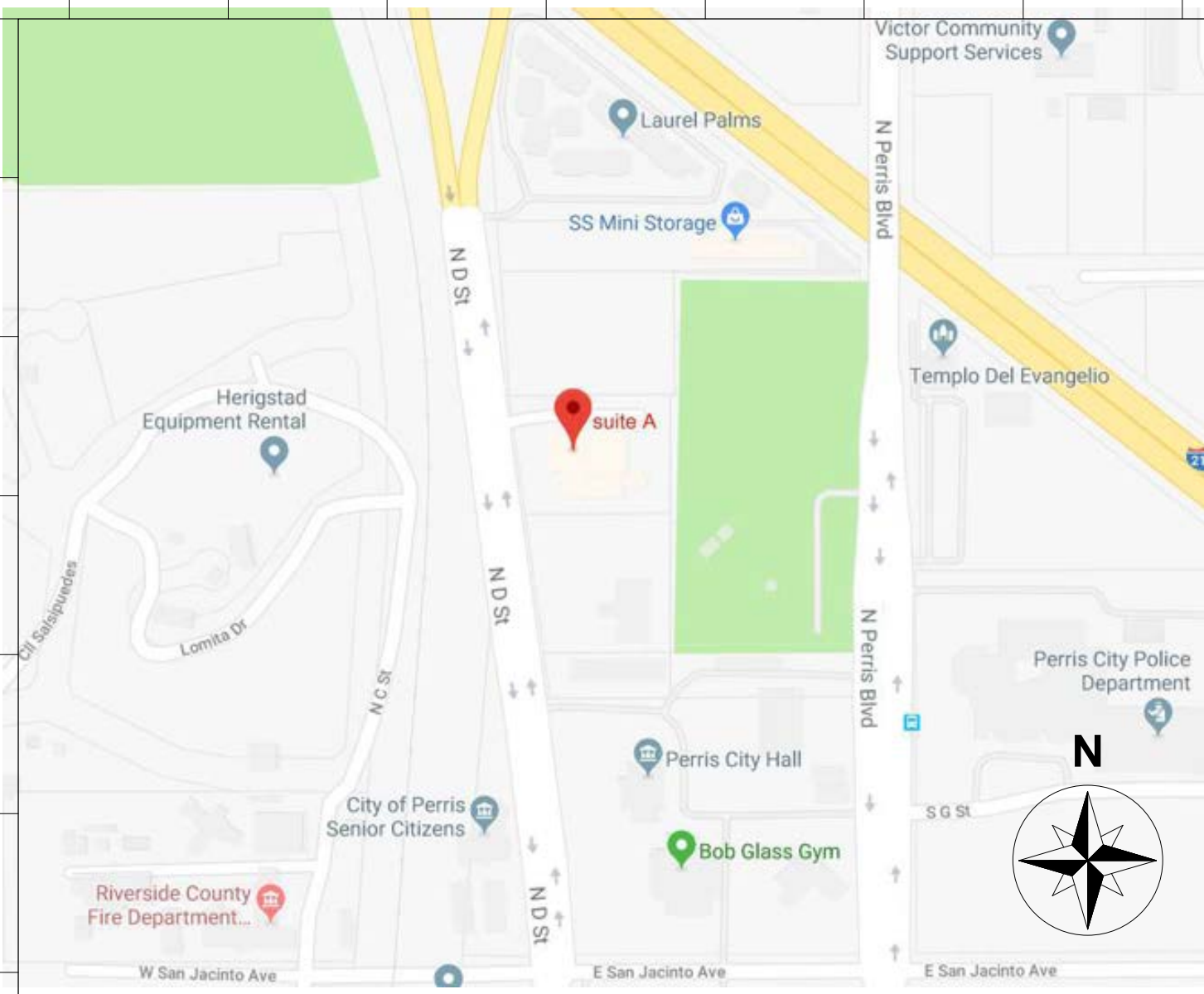
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Drawn by ES

Checked by ES

A0

Scale



PREPARED BY:

EVERETT SMITH DESIGNS, INC
 RIVERSIDE COUNTY, CA
 TEL: 951-323-2187

Email: everett@everettsmithdesigns.com

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CITY OF PERRIS
 INC. 1911

101 N. D STREET
 PERRIS, CA

PROJECT:
 227 N D St suite A,
 Perris, CA 92570

227 N D ST. - EARLY CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date
1	CORRECTIONS	2023.10.14

PROJECT ADDRESS:
 227 N D St suite A,
 Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

Cover Sheet

Project number	21-2155
Date	12/4/2023 8:47:38 AM
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Checked by	ES
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Scale	1" = 20'-0"

GENERAL NOTES

- THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL OF THE FOLLOWING CONDITIONS:
- THE CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE 2022 EDITION OF THE CALIFORNIA BUILDING CODE AND REQUIREMENTS OF THE GOVERNING AGENCY WITH JURISDICTION.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE BEFORE COMMENCING WORK AND SHALL IMMEDIATELY REPORT ANY DISCREPANCIES TO THE DESIGN TEAM.
- OMISSION OR CONFLICTS BETWEEN THE DRAWINGS, NOTES AND DETAILS, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
- TYPICAL DETAILS SHOWN APPLY WHERE NO SPECIAL DETAIL IS SHOWN.
- WRITTEN DIMENSIONS (NOT SCALED DIMENSIONS) SHALL BE USED. DO NOT SCALE DRAWINGS.
- TEMPORARY ERECTION BRACING AND SHORING SHALL BE PROVIDED AS REQUIRED ON ALL BEAMS, WALLS, ETC., ADEQUATE TO PROVIDE FULL STRUCTURAL STABILITY AND SAFETY. BRACKS SHALL NOT BE REMOVED UNTIL THE ELEMENTS ARE FULLY CONNECTED AND ARE CAPABLE OF SUPPORTING THE DESIGN LOADS.
- CONTRACTOR AGREES THAT HE OR SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR SITE CONDITIONS DURING THE COURSE OF THE CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND INDEMNIFY AND HOLD THE OWNER AND DESIGN TEAM HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK IN THIS PROJECT.
- CONTRACTOR SHALL USE EXTREME CARE AND CAUTION DURING CONSTRUCTION SO AS NOT TO DAMAGE ANY EXISTING FACILITIES, PAVING, EQUIPMENT, LANDSCAPE, ETC. ANY DAMAGE DONE BY THE CONTRACTOR TO EXISTING FACILITIES SHALL BE REPAIRED TO THE SATISFACTION OF AND AT NO EXPENSE TO THE OWNER.
- ALL DIMENSIONS ARE FACE OF STUD TO FACE OF STUD (F.O.S.) UNLESS OTHERWISE NOTED.
- PROVIDE SOLID BLOCKING AS REQUIRED FOR ALL WALL MOUNTED AND WALL HUNG EQUIPMENT.
- ALL WALL PARTITIONS SHALL EXTEND TO THE STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL COMPLETELY REMOVE ALL DEMOLISHED MATERIALS FROM THE SITE. ALL DEMOLISHED MATERIALS WILL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS THEY ARE TO BE REUSED, RELOCATED, STORED ON SITE OR AS OTHERWISE NOTED.
- PROPERLY PREPARE AND READY ALL SURFACES TO RECEIVE FINISH MATERIALS.
- CONTRACTOR SHALL SUPPLY ONE (1) SET OF AS-BUILT'S CONSTRUCTION DOCUMENTS TO THE OWNER, WHICH SHALL INCLUDE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTE THAT THERE SHALL BE NO SUBSTITUTIONS FOR ANY MATERIAL WHERE SPECIFIC MANUFACTURERS ARE SPECIFIED. WHERE APPROVED EQUAL IS USED IT SHALL BE UNDERSTOOD THAT THE SUBSTITUTE SHALL BE BY JUDGEMENT AND APPROVAL OF THE ENGINEER, AND NOTIFICATION SHALL BE MADE PRIOR TO ORDERING AND/OR INSTALLATION.
- MANUFACTURERS OF MATERIALS OTHER THAN THOSE SPECIFIED ON THESE PLANS SHALL MEET THE SPECIFIC REQUIREMENTS OF GOVERNING AGENCIES HAVING JURISDICTION OVER THIS PROJECT.
- GENERAL CONTRACTOR OR HIS OR HER SUBCONTRACTORS SHALL BE RESPONSIBLE FOR VERIFICATION AND APPROVALS OF SUBSTITUTED MATERIALS AS REQUESTED BY GOVERNING AGENCIES.
- IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO DISTRIBUTE ADEQUATE COPIES OF ALL DRAWINGS TO ALL TRADES FALLING UNDER THEIR RESPONSIBILITY AT ALL TIMES DURING THE PROGRESS OF THE JOB. (I.E. REVISIONS).
- UPON COMPLETION OF THE JOB, THE GENERAL CONTRACTOR SHALL SUBMIT CERTIFICATES OF INSPECTION OF SATISFACTORY COMPLETION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS IN CONFORMANCE WITH ANY CODE OR CODES OF FEDERAL, STATE, COUNTY OR MUNICIPALITY HAVING JURISDICTION OVER SUCH WORK. ALL APPLICABLE REQUIREMENTS IN THESE REGULATIONS SHALL BE FOLLOWED TO SAME AS IF NOTED ON THE DRAWINGS. CONFLICTS BETWEEN WORK SET FORTH ON THE DRAWINGS AND BUILDING CODES, LAWS OR REGULATIONS NOTED BY THE GENERAL CONTRACTOR SHALL BE SUBMITTED TO THE DESIGN TEAM FOR RESOLUTION, PRIOR TO PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL, AT ALL TIMES KEEP PREMISES FREE FROM ACCUMULATION OF DEBRIS CAUSED BY HIS OR HER OPERATION. AT THE COMPLETION OF THE WORK, HE OR SHE SHALL CLEAN ALL GLASS SURFACES AND LEAVE THE WORK BROOM CLEAN.
- THE GENERAL CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT AND OTHER ITEMS NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN, CALLED FOR, OR REASONABLY IMPLIED BY THE CONTRACT DOCUMENTS EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
- WHERE WORK OR EQUIPMENT IS INDICATED N.I.C., SUCH WORK AND/OR EQUIPMENT SHALL BE PROVIDED BY OTHERS. THE CONTRACTOR SHALL COORDINATE AND COOPERATE TO EFFECT SUCH INSTALLATION.
- ALL REQUESTS FOR CLARIFICATION OF THESE DRAWINGS SHALL BE DIRECTED TO THE DESIGN TEAM.
- ALL DRAWINGS AND NOTES ARE COMPLEMENTARY, AND WHAT IS CALLED FOR BY ANY ONE WILL BE AS BINDING AS IF CALLED FOR BY ALL.
- NOT USED
- THE CONTRACTOR SHALL PROVIDE AN APPROVED FIRE STOP MATERIAL TO MAINTAIN THE 1 HOUR RATING AT ALL ELECTRICAL AND MECHANICAL PIPING PENETRATIONS THROUGH TENANT PARTY WALLS, CEILINGS, FLOOR OR ANY OTHER LOCATIONS AS REQUIRED BY LOCAL CODES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTUAL FLOOR TRUSS LAYOUTS AND QUANTITY IN ORDER TO ALLOW WASTE AND SUPPLY PIPING AND DUCTS TO SERVE UNITS AS SHOWN.
- EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- PLANS SHALL BE SIGNED BY SOILS ENGINEER WHEN REPORTS ARE REQUIRED.
- NOTWITHSTANDING ANY PROVISIONS IN THESE SPECIAL CONDITIONS, GENERAL CONDITIONS OR ANY OTHER MATTERS SPECIFIED IN THE PLANS AND THE SPECIFICATIONS, THE CONTRACTOR IS HEREBY NOTIFIED THAT REPORTS OF GEOTECHNICAL INVESTIGATIONS ARE NOT INCLUDED WITHIN THE SPECIFICATIONS. THE DESIGN TEAM/OWNER MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF THE DATA, THE SOIL AND ROCK MATERIAL ENCOUNTERED, OR THE DIFFICULTY OF EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF OR HERSELF WITH THE SITE, VERIFYING THE DATA AND SATISFYING HIMSELF AS TO THE TYPE, NATURE AND QUANTITIES OF ALL MATERIALS TO BE EXCAVATED. ALL TRENCHING AND EXCAVATING OF MATERIALS ENCOUNTERED, EQUIPMENT OR METHODS REQUIRED FOR EXCAVATION WILL BE UNCLASSIFIED AND THE COST THEREOF SHALL BE CONSIDERED AS BEING INCLUDED IN LUMP SUM BID. NO EXTRA PAYMENT OR CHANGE ORDERS WILL BE ALLOWED FOR EXCAVATION.
- THE MEANS OF EGRESS SERVING ANY OCCUPIED PORTION OF THE BUILDING SHALL BE ILLUMINATED TO AN INTENSITY OF NOT LESS THAN ONE (1) FOOT CANDLE AT THE FLOOR LEVEL. IN THE EVENT OF POWER SUPPLY TO THE ILLUMINATION POWER SUPPLY, AUTOMATIC ILLUMINATION SHALL BE PROVIDED BY A BATTERY BACK-UP SYSTEM.
- THE PATH OF EXIT TRAVEL TO AN WITHIN EXITS IN A BUILDING SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE PERRIS CITY 2022 CODE

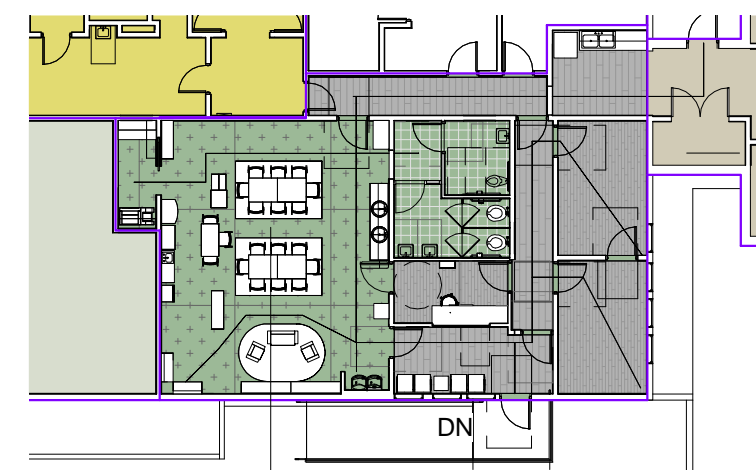
ABBREVIATIONS

(NEW FILL) EARTH		GRAVEL FILL	
CONCRETE/POUR IN PLACE		REGULAR BLOCK	
STONES/MARBLE		STONE	
BRICK		LIGHT WEIGHT BLOCK	
METAL/STEEL		STEEL STUD	
WOOD/CONTINUOUS OR DIMENSION		NON-FINISHED OR CONTINUOUS	
GYPSONUM		RIGID INSULATION	
CERAMIC TILE		FINISHED WOOD	
INSULATION/BATT OR LOOSE			

SYMBOLS

SECTION REFERENCE		SECTION NUMBER SHEET NUMBER
DETAIL REFERENCE		DETAIL NUMBER SHEET NUMBER
DOOR NUMBER		
WINDOW NUMBER KEY		
REVISION		REVISE DROUND AROUND AREA
ROOM NUMBER		ROOM NUMBER INTERIOR ELEVATION SHEET NO. INTERIOR ELEVATION CALL OUT NO. INTERIOR ELEVATION NO.
INTERIOR FINISH MATC H LINE		MATCH LINE NUMBER MATCHING SHEET NUMBER
NORTH POINT		
EXISTING CONTOURS		
FINISH ELEVATION		
EXHAUST FAN		

OCCUPANT LOAD/AREA



EARLY CHILD DEVELOPMENT
 T.L.
 1767 SF

BUILDING SUMMARY

DESCRIPTION OF USE:	CITY BUILDING
BUILDING AREA:	17190
BUILDING HEIGHT:	20'-0"
CONST TYPE:	VB& III-B (SEPARATED)
STORIES:	1
OCC CLASS:	E
SPRINKLERS:	NO
AREA OF WORK:	1767 SF
ADJACENT SPACE:	CODE ENFORCEMENT OFFICE
OCCUPANCY LOAD:	46

PROJECT INFO:

227 N. D STREET BUILDING

County: RIVERSIDE, CA
 Assessor: PETER ALDANA, ASSESSOR
 Parcel # (APN): 311-120-026
 Parcel Status: ACTIVE
 Owner Name: CITY OF PERRIS
 Mailing Address: 101 N D STREET RIVERSIDE CA 92570
 Legal Description: 1.48 ACRES ML IN POR PAR 2 RS 033/094

SCHEDULE - OCCUPANCY (INTERIOR SF)

ROOM NUMBER	ROOM NAME	ROOM AREA	OCCUPANCY	LOAD FACTOR	OCCUPANT LOAD
101	LOBBY	112 SF	B	15 SF	7
102	RECEPTION	77 SF	B	150 SF	1
103	(E) OFFICE #2	131 SF	B	150 SF	1
104	(E) OFFICE #1	129 SF	B	150 SF	1
105	HALL	90 SF	B	150 SF	1
106	OPEN AREA FOR KIDS	674 SF	B	20 SF	34
107	RESTROOM Foyer	32 SF	B	0 SF	
108	ACCESSIBLE RESTROOM	53 SF	B	0 SF	
109	KID RESTROOM	84 SF	B	0 SF	
110	COPY AREA	45 SF	B	150 SF	0
111	(E) HALL	104 SF	B	150 SF	1
112	(E) HALL	100 SF	B	150 SF	1
113	(E) BREAK ROOM	88 SF	B	150 SF	1
		1718 SF			46

EXIT/OCCUPANT ANALYSIS:

TOTAL OCCUPANT LOAD	= 46 OCCUPANTS
EXITS (s) REQUIRED	= 1 EXIT
EXITS (s) PROVIDED	= 2 EXIT

SHEET INDEX

SHEET NUMBER	SHEET NAME
A0	Title Sheet
A0.0	Cover Sheet
A1	Site Plan
A1.0	SITE DETAILS
A1.1	Existing Plan
A1.01	ACCESSIBILITY DETAILS FOR SITE AND SIGNAGE
A1.2	Demo Plan
A2	Proposed Floor Plan (OVERALL)
A2.2	Enlarged Proposed Floor Plan
A2.3	Code Accessibility Plan
A3	Finish Plan & Furniture Plan
A3.1	Interior Elevations
A3.2	Interior Elevations
A3.3	Sections
A4	Enlarged Restroom & Elevations
A4.1	Enlarged Kids Restroom & Elevations
A5	Proposed R.C.P.
A7	Interior Renderings
A7.1	Interior Renderings
AD1	DETAIL SHEET
AGR N1	Green Building
AGR N2	Green Building
AGR N3	Green Building
E100	Electrical Notes
E101	Lighting Schedule
E102	Light Panel & Specs
E200	Lighting Plan
E300	Power Plan
E310	Existing Panel Schedule
E400	T24
E410	T24
M100	Mechanical Notes
M110	Installation Details
M200	Mechanical Plan
M300	T24
M310	T24
P100	Plumbing Notes
P110	Plumbing Calcs & Schedules
P200	Water System Plan
P300	Waster / Vent Plan
P400	Title-24
PP001	Project Info & Drawing index
PP100	Plumbing General Notes
PP101	Plumbing Details
PP110	Plumbing Calculations
PP200	Water System Site Plan
PP210	Water System Plan
PP220	Water System Iso Plan
PP300	Plumbing Title-24

- THIS PROJECT SHALL COMPLY WITH TITLE 24
- ALL WORK SHALL CONFORM TO THE

- 2022 CALIFORNIA BUILDING CODE
- 2022 CALIFORNIA GREEN BUILDING CODE
- 2022 CALIFORNIA PLUMBING CODE
- 2022 CALIFORNIA ELECTRICAL CODE
- 2022 CALIFORNIA MECHANICAL CODE
- 2022 CALIFORNIA FIRE CODE, NFPA 33
- 2022 CALIFORNIA GREEN BUILDING STANDARDS OCE & ENERGY
- 2022 CITY OF PERRIS MUNICIPAL CODE

True North Compliance Services, Inc.

PLAN REVIEW APPROVAL

THIS PLAN REVIEW APPROVAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HAS BEEN DETERMINED TO BE IN COMPLIANCE WITH THE JURISDICTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, AND LOCAL REGULATION.

DATE: 12/06/2023

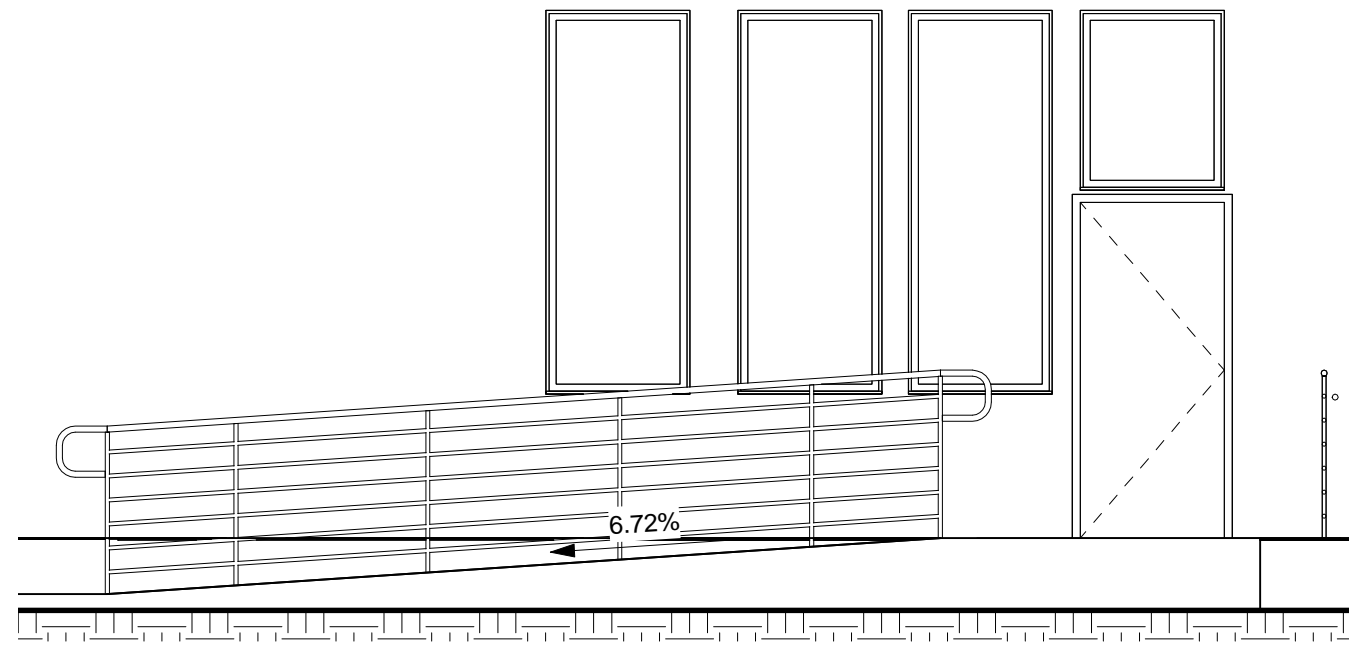
- THE FIRE EXTINGUISHERS ARE TO BE PROVIDED PER NFPA 13, THE FIRE EXTINGUISHER LOCATIONS ARE TO BE DETERMINED DURING THE FRAMING STAGE OF CONSTRUCTION.

NOTE:
FIRE SPRINKLERS: NO

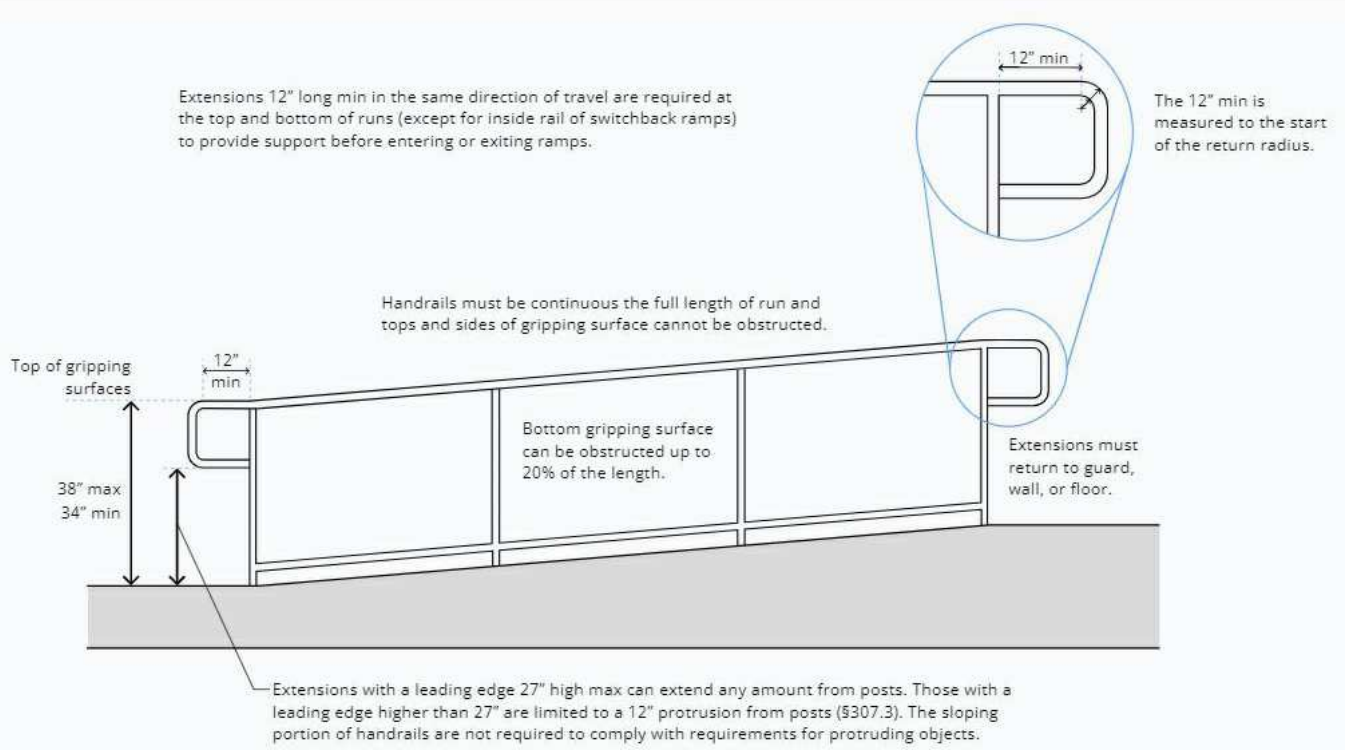
SITE PLAN NOTES

- CITY TO PROVIDE FINAL LOCATION PRIOR TO CONSTRUCTION.
- CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND DEPTH PRIOR TO DEMOLITION.
- CONTRACTOR TO PROTECT IN PLACE EXISTING UTILITIES AND/OR REPAIR AS NEEDED FOR NEW CONSTRUCTION.
- COORDINATE WITH TRADES TO CONNECT NEW UTILITIES TO EXISTING UTILITIES.
- CONTRACTOR TO PROTECT ALL EXISTING SITE IMPROVEMENTS AND ELEMENTS TO REMAIN.
- CONTRACTOR TO CONTACT CITY OR DESIGNER WITH SITE DISCREPANCIES.

THE 5'X5' ACCESSIBLE LANDING AT THE ENTRANCE AND EACH EXIT DOOR. THE LANDING SHALL BE LEVEL (2% MAX. IN ANY DIRECTION) AND BE FLUSH WITH THE FINISH FLOOR. WHEN THE DOOR SWINGS OUT, THE LANDING SHALL EXTEND 24" TO THE SIDE OF STRIKE AND EXTEND OUT 60" PERPENDICULAR TO THE DOOR IN THE CLOSED POSITION. WHEN THE DOOR SWINGS IN, THE LANDING SHALL EXTEND OUT 44" PERPENDICULAR TO THE DOOR IN THE CLOSED POSITION AND IF IT IS EQUIPPED WITH BOTH A CLOSER AND A LATCH, IT SHALL EXTEND 12" TO THE SIDE OF THE STRIKE.

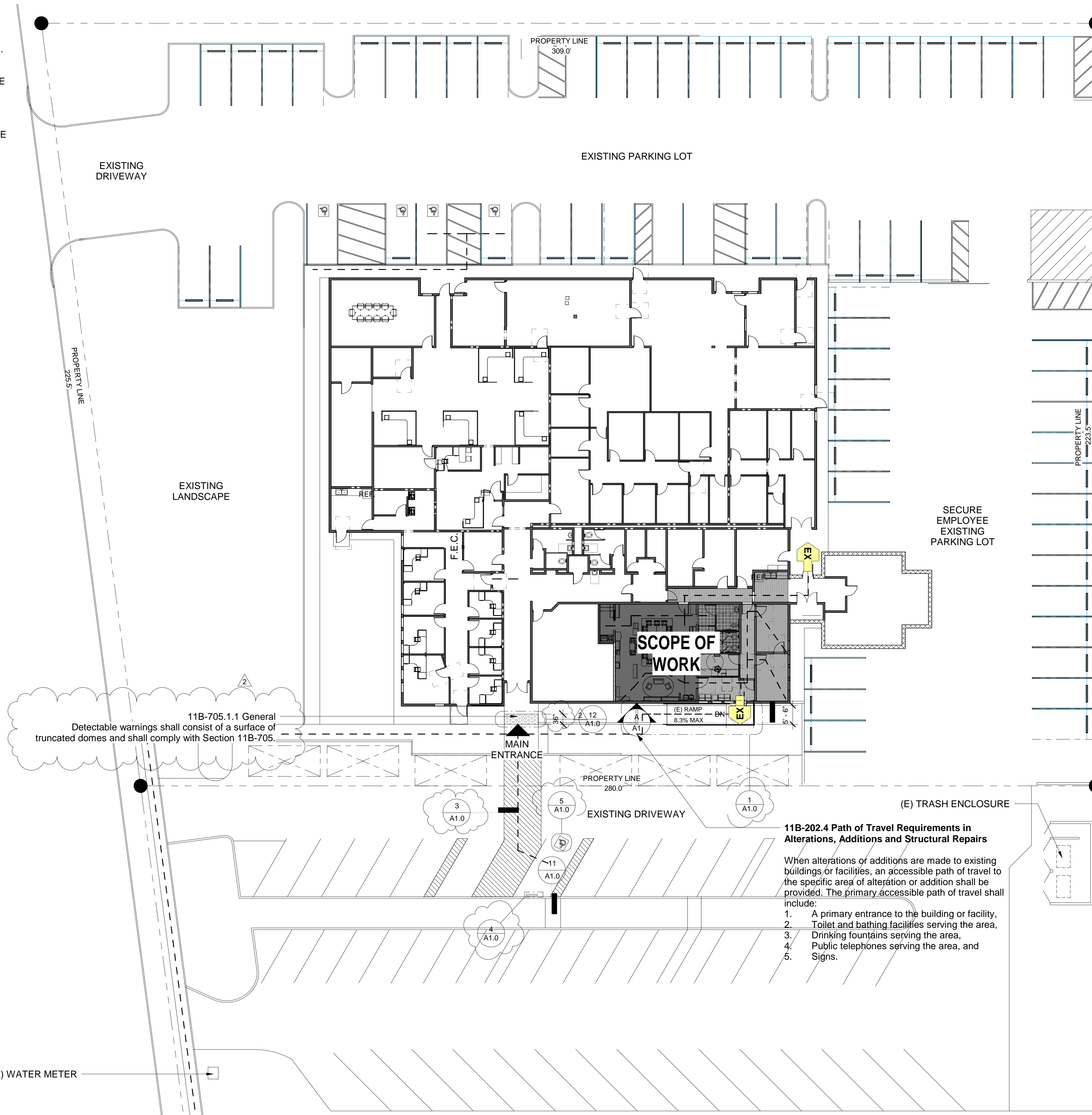


Section "A"
1/4" = 1'-0"



PATH OF TRAVEL IS A BARRIER FREE ACCESSIBLE ROUTE AT LEAST 48 INCH WIDE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:12 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL. MAXIMUM CROSS-SLOPE 2% TYPICAL AND MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL IS 5% OR LESS, UNLESS OTHERWISE NOTED. P.O.T. SHALL BE MAINTAINED FREE OF OVERHEAD OBSTRUCTIONS TO 80" MINIMUM (CBC 11338.8.2) AND SIDE OBJECTS PROTRUDING GREATER THAN 4" INTO P.O.T. BETWEEN 27 AND 80 INCHES ABOVE THE FINISHED (CBC 11338.8.6).

1 SITE PLAN
1/16" = 1'-0"



11B-705.1.1 General
Detectable warnings shall consist of a surface of truncated domes and shall comply with Section 11B-705.

11B-202.4 Path of Travel Requirements in Alterations, Additions and Structural Repairs

When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel shall include:

- A primary entrance to the building or facility,
- Toilet and bathing facilities serving the area,
- Drinking fountains serving the area,
- Public telephones serving the area, and
- Signs.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
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THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY. OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.

PREPARED BY:



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DESIGNS, INC**

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Everett Smith
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REVISIONS:

No.	Description	Date
1	CORRECTIONS	2023.10.14
2	Revision 2	2023.11.20

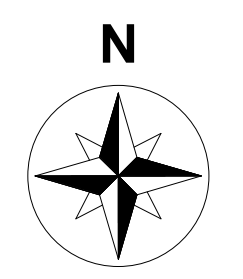
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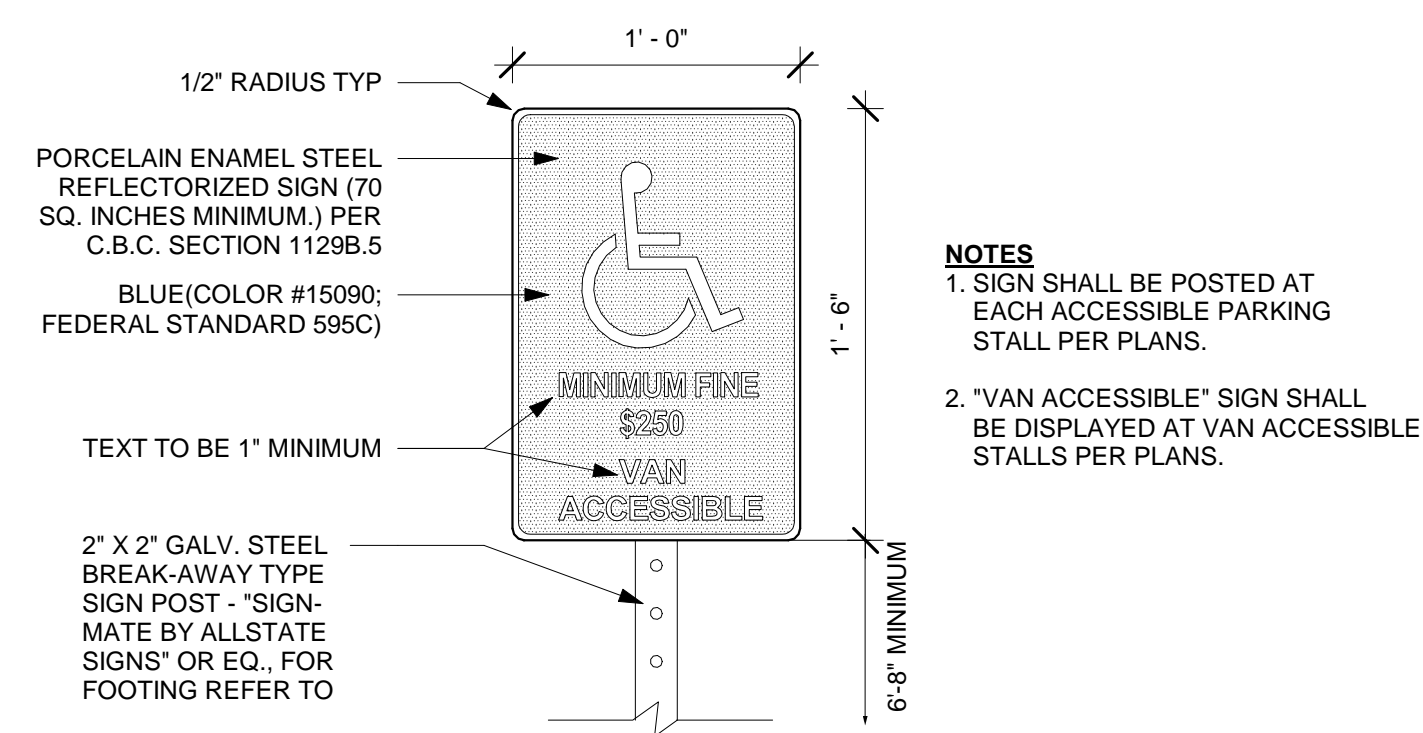
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Site Plan

Project number 21-2155
Date 12/4/2023 8:47:39 AM
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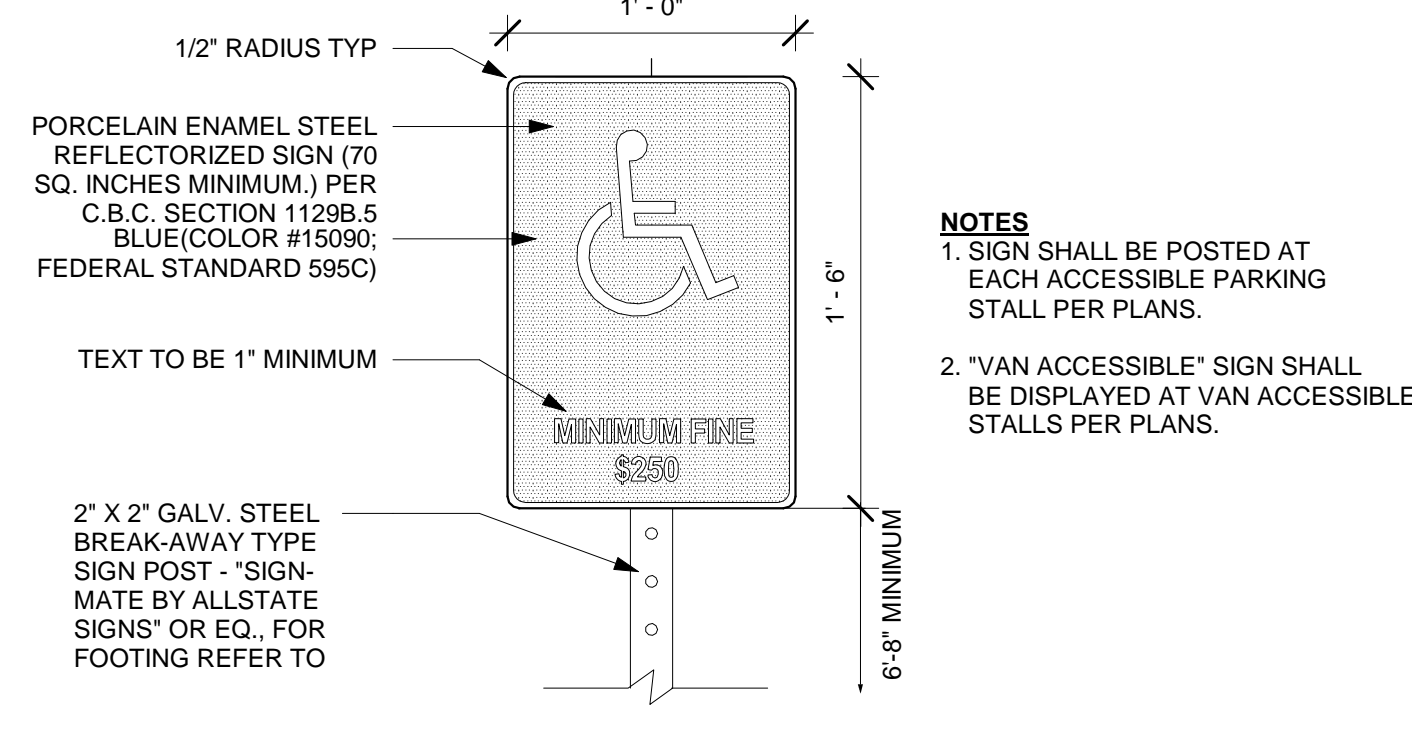
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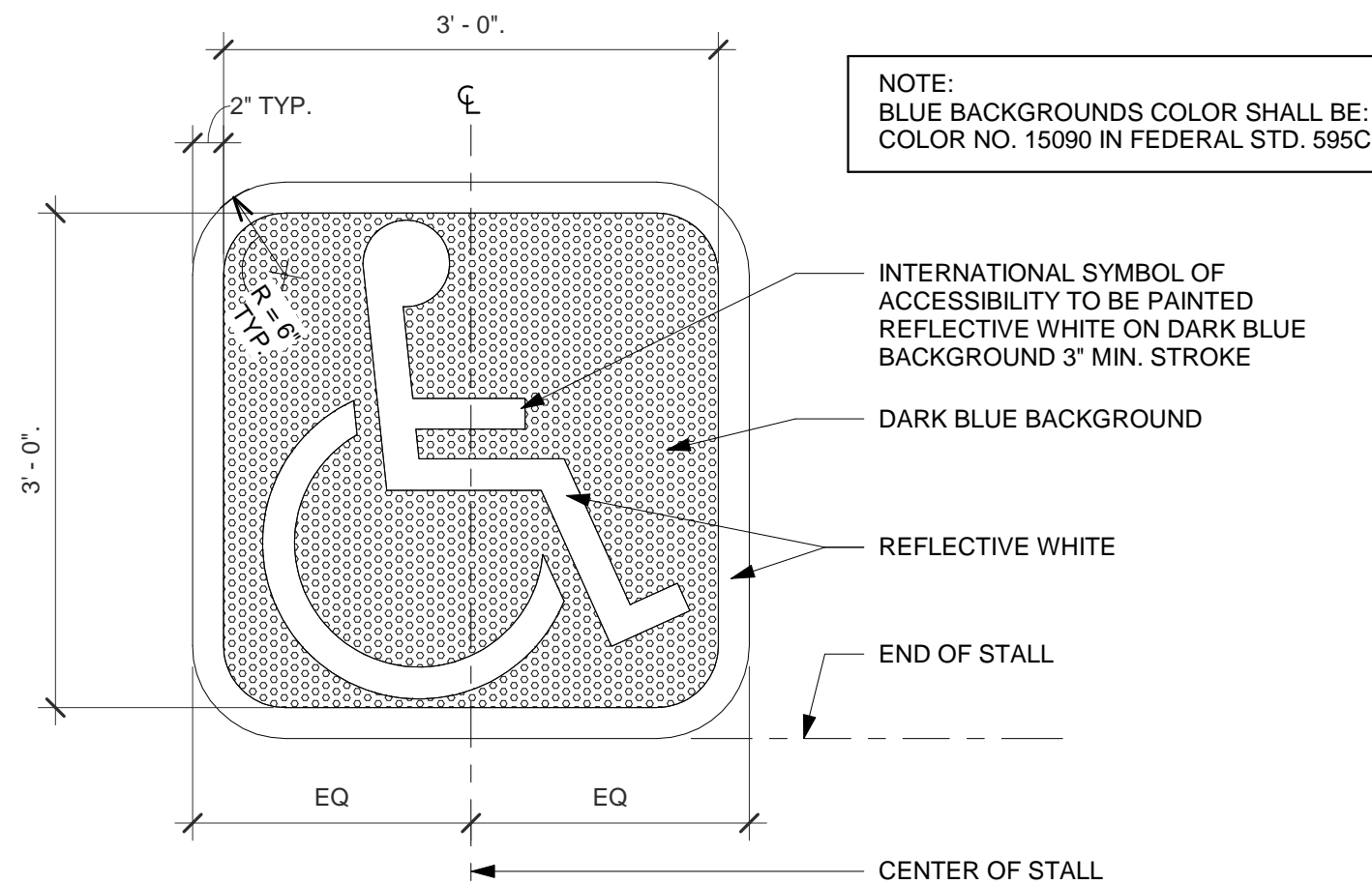
- NOTES:
- LOCATE SIGNS PER PLANS AND AS DIRECTED BY DESIGNER
 - PROVIDE MECHANICAL MOUNTING W/ VANDAL RESISTANT FASTENERS. COMPLY W/ TITLE 24 AND THE AMERICANS WITH DISABILITIES ACT (A.D.A.) REQUIREMENTS
 - LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10 PER CBC 11B-703.2.4 AND 11B-703.7.6
 - CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND PER CBC 11B-703.5.1
 - LETTERS, NUMBERS AND GRAPHICS ON SIGNS SHALL BE SANS-SERIF UPPERCASE CHARACTERS.

8 TYP. VAN ACCESSIBLE PARKING STALL SIGNAGE
1 1/2" = 1'-0"

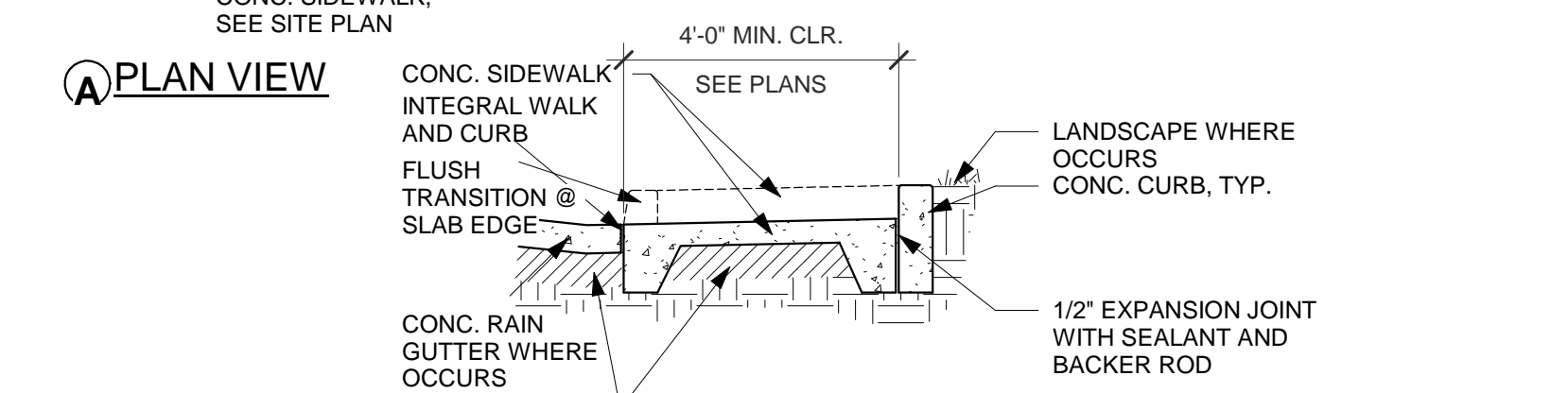
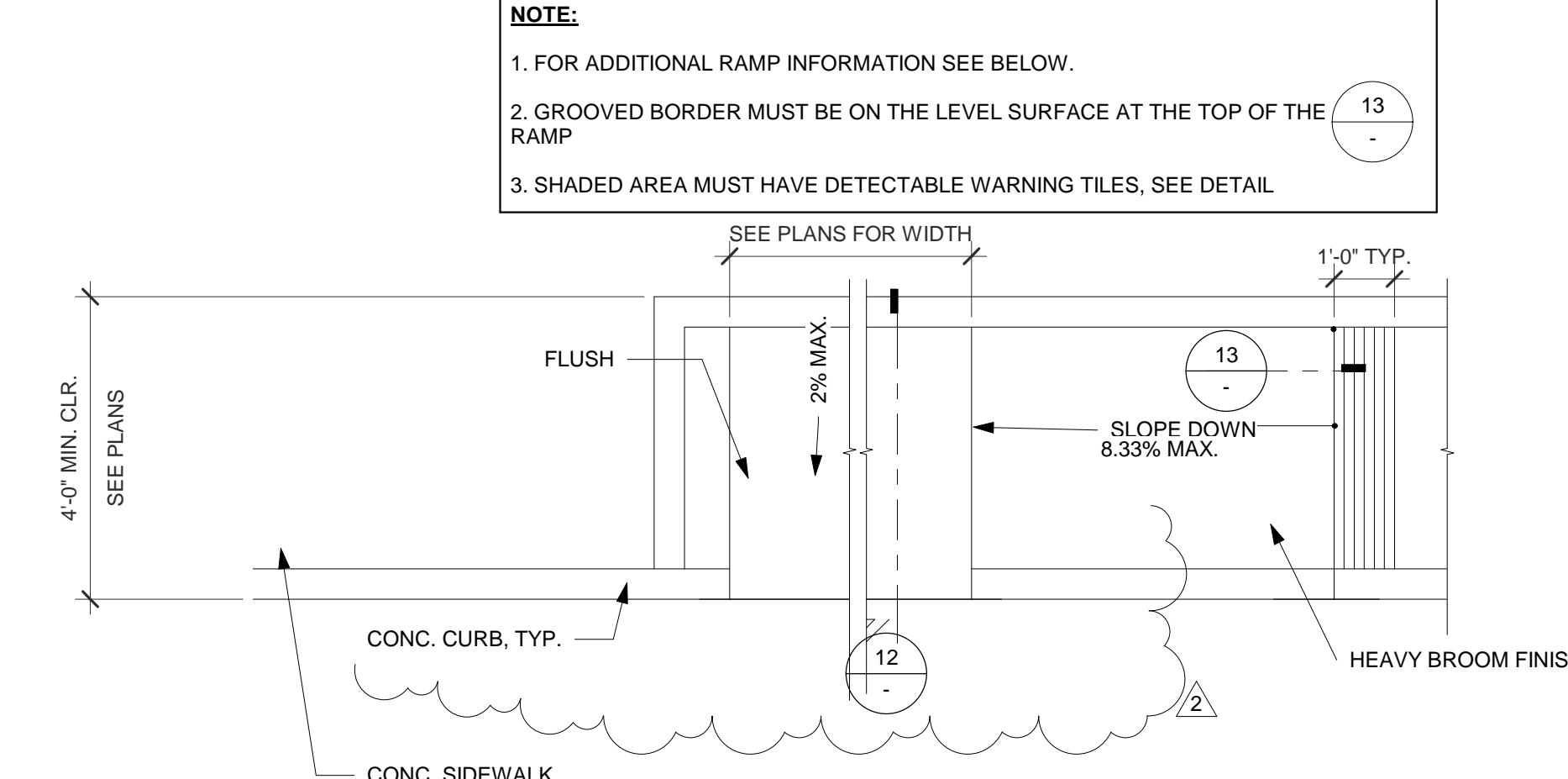


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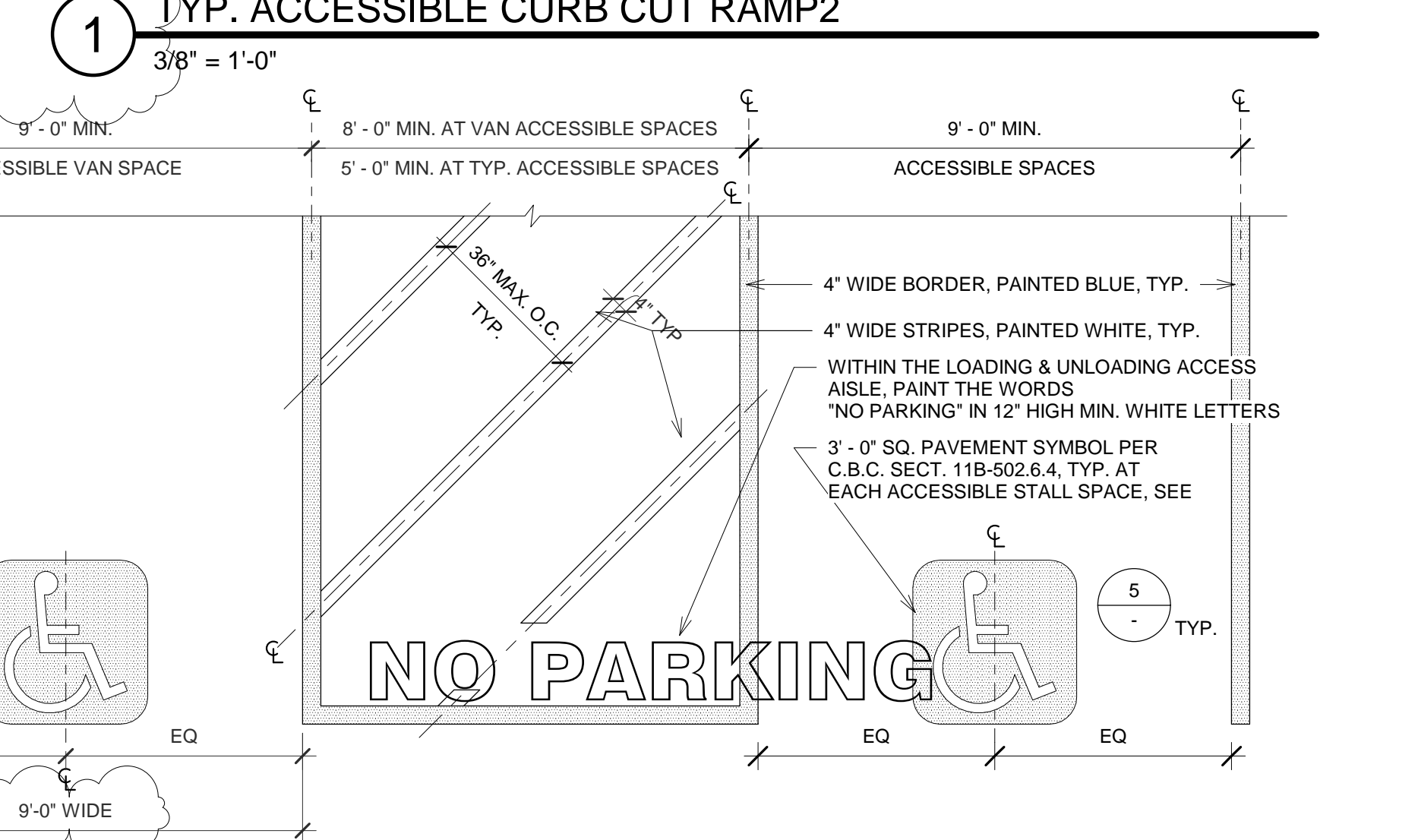
4 TYP. ACCESSIBLE PARKING STALL SIGNAGE2
1 1/2" = 1'-0"



5 TYP. ACCESSIBLE PARKING STALL SYMBOL2
1" = 1'-0"



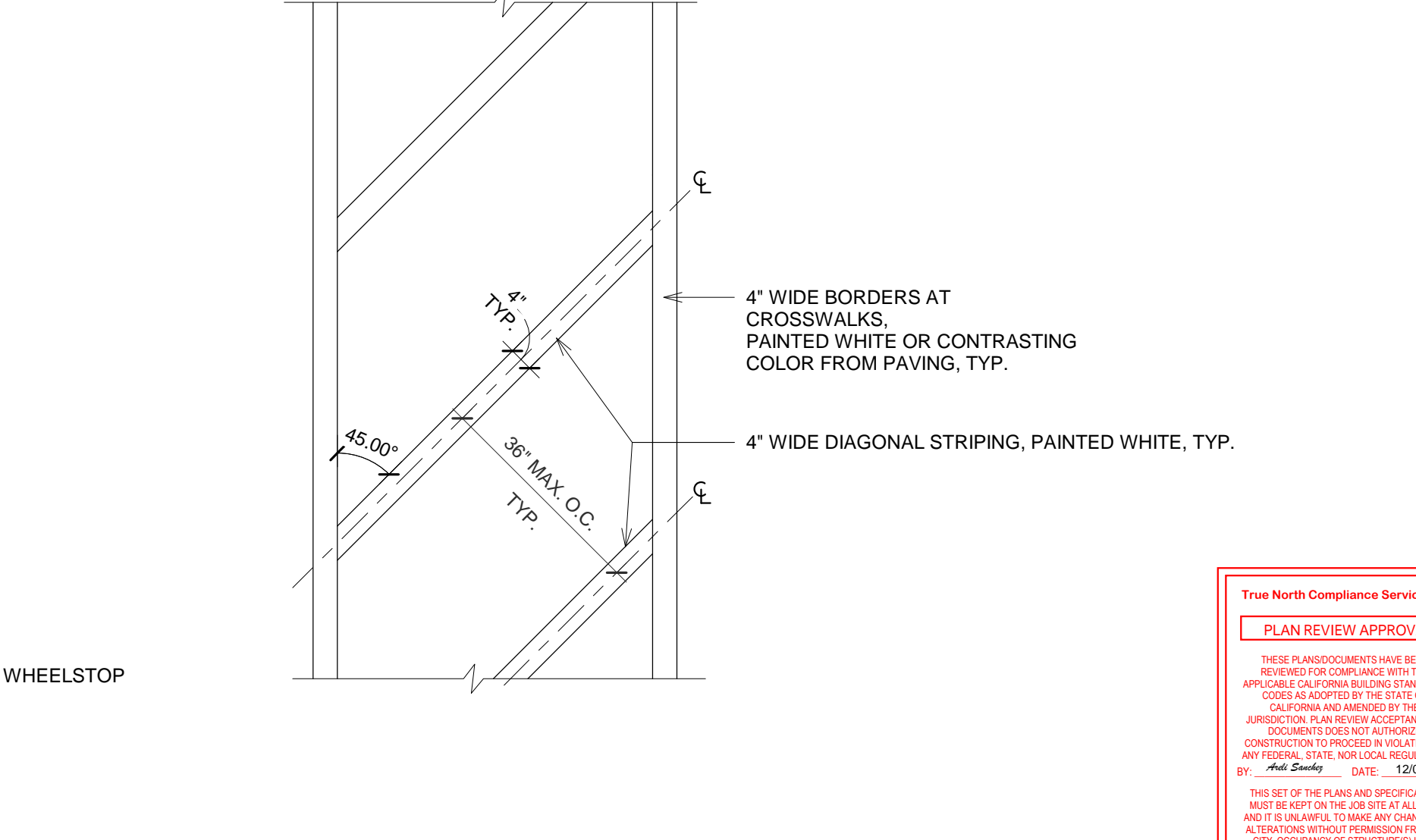
A PLAN VIEW



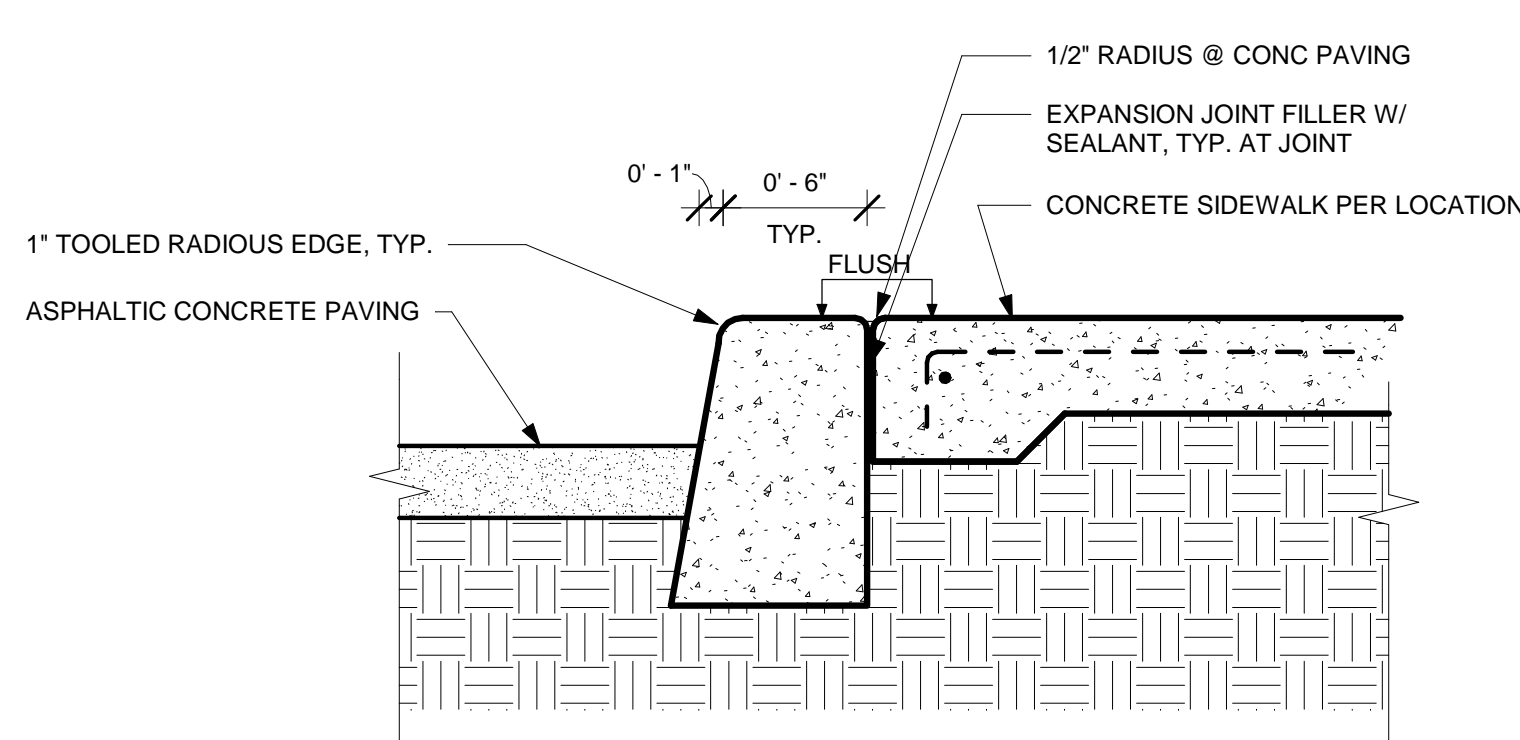
B RAMP SECTION

1 TYP. ACCESSIBLE CURB CUT RAMP2
3/8" = 1'-0"

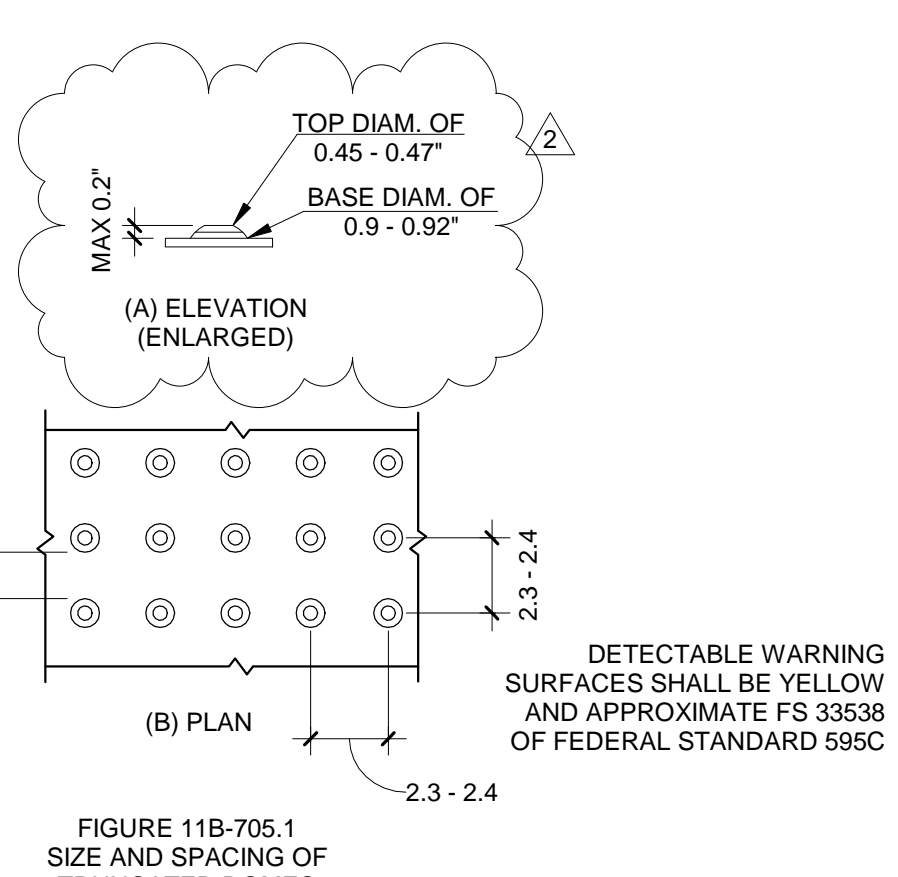
2 TYP. ACCESSIBLE PARKING ACCESS AISLE2
3/8" = 1'-0"



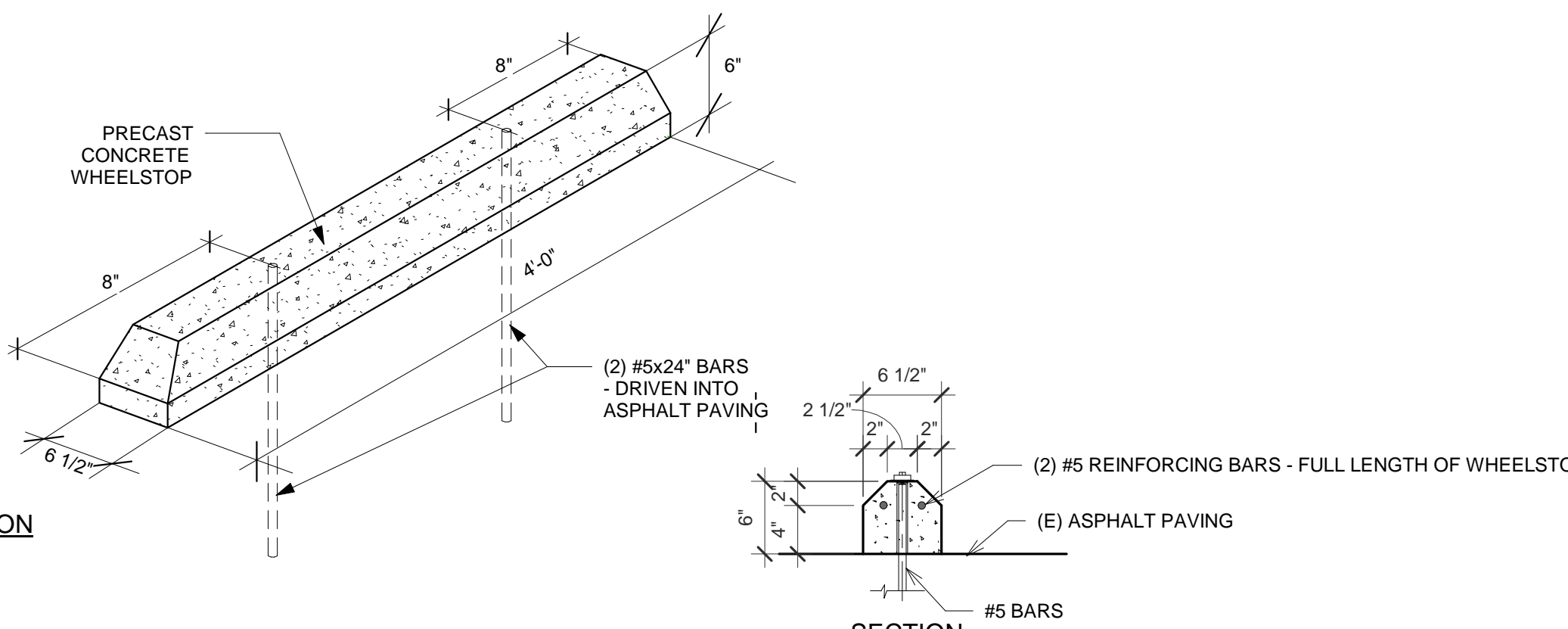
3 TYP. ACC. PEDESTRIAN P.O.T. CROSSWALK
1/2" = 1'-0"



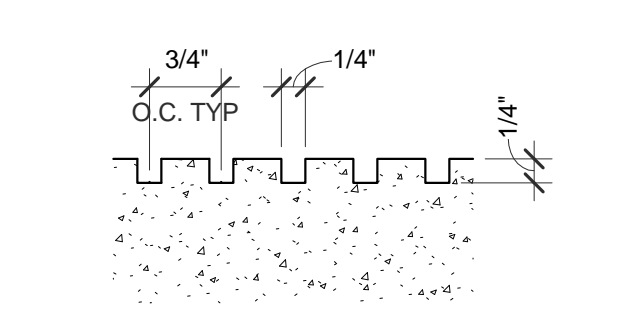
11 TYP. CONCRETE CURB TO ASPHALT PAVING
1 1/2" = 1'-0"



12 TRUNCATED DOMES
1/2" = 1'-0"



7 TYP. PRECAST CONCRETE WHEEL STOP2
1" = 1'-0"



13 GROOVING DETAIL
3/4" = 1'-0"

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS PLAN REVIEW APPROVAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HEREBY APPROVED FOR CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, AND LOCAL REGULATIONS BY THE CITY OF PERRIS. DATE: 12/06/2023.
THIS SET OF PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND NOT TO BE ALTERED OR CHANGED WITHOUT PERMISSION FROM THE CITY. OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

PREPARED BY:

ENGINEER OF RECORD:

RAHMAN ENGINEERING
13611 12TH ST, SUITE-B, CHINO, CA 91710
Tel: (213)-400-8078
MOKSUD.RAHMAN@GMAIL.COM

Stamp: REGISTERED PROFESSIONAL ENGINEER, CIVIL, STATE OF CALIFORNIA, No. C69263, Exp. 06/30/22

PROJECT:

227 N D ST. - EARLY CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date
2	Revision 2	2023.11.20

PROJECT ADDRESS:
227 N D St suite A, Perris, CA 92570

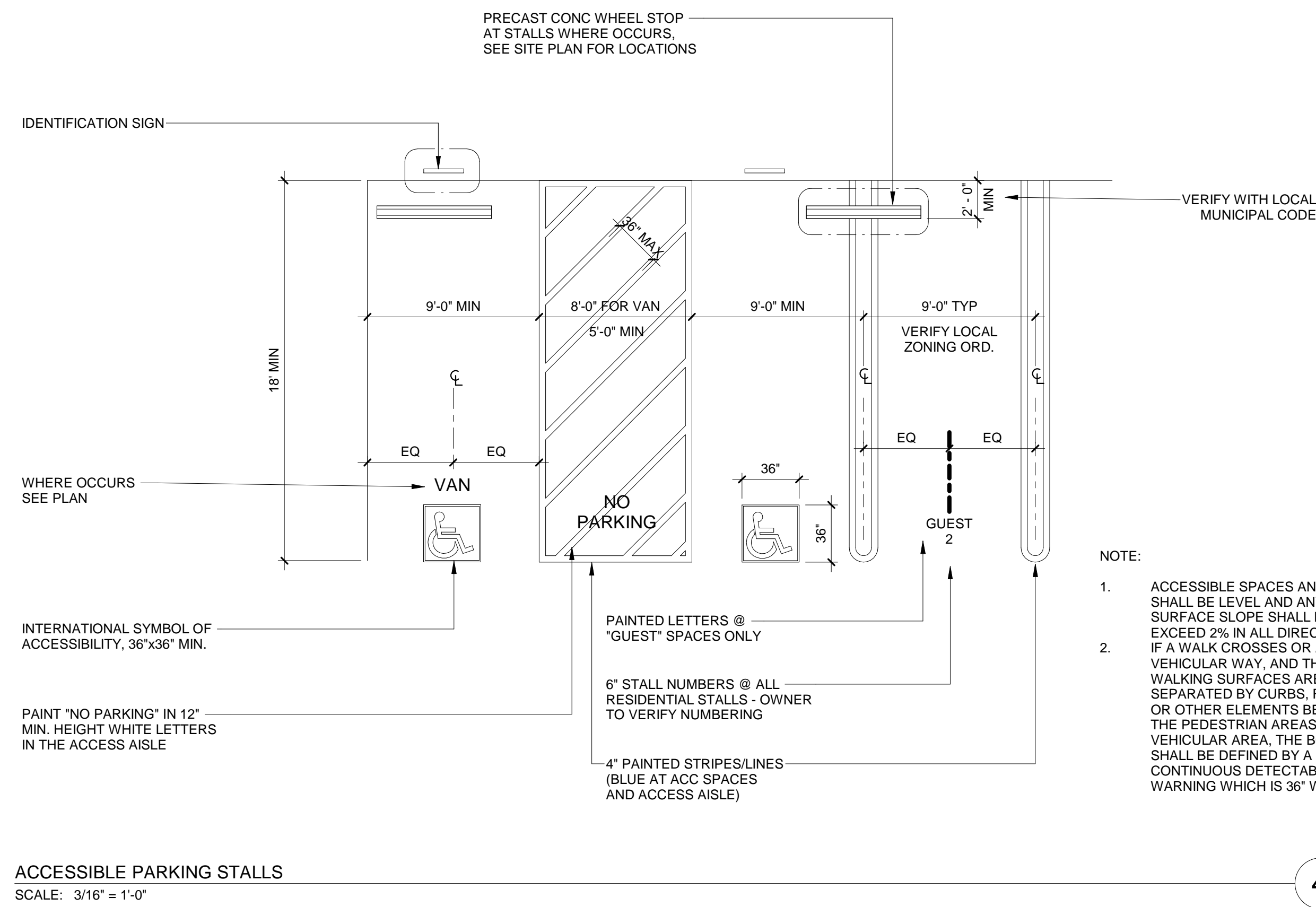
CLIENT NAME:
CITY OF PERRIS

SITE DETAILS

Project number: 21-2155
Date: 12/4/2023 8:47:40 AM
Drawn by: RM
Checked by: ES

A1.0

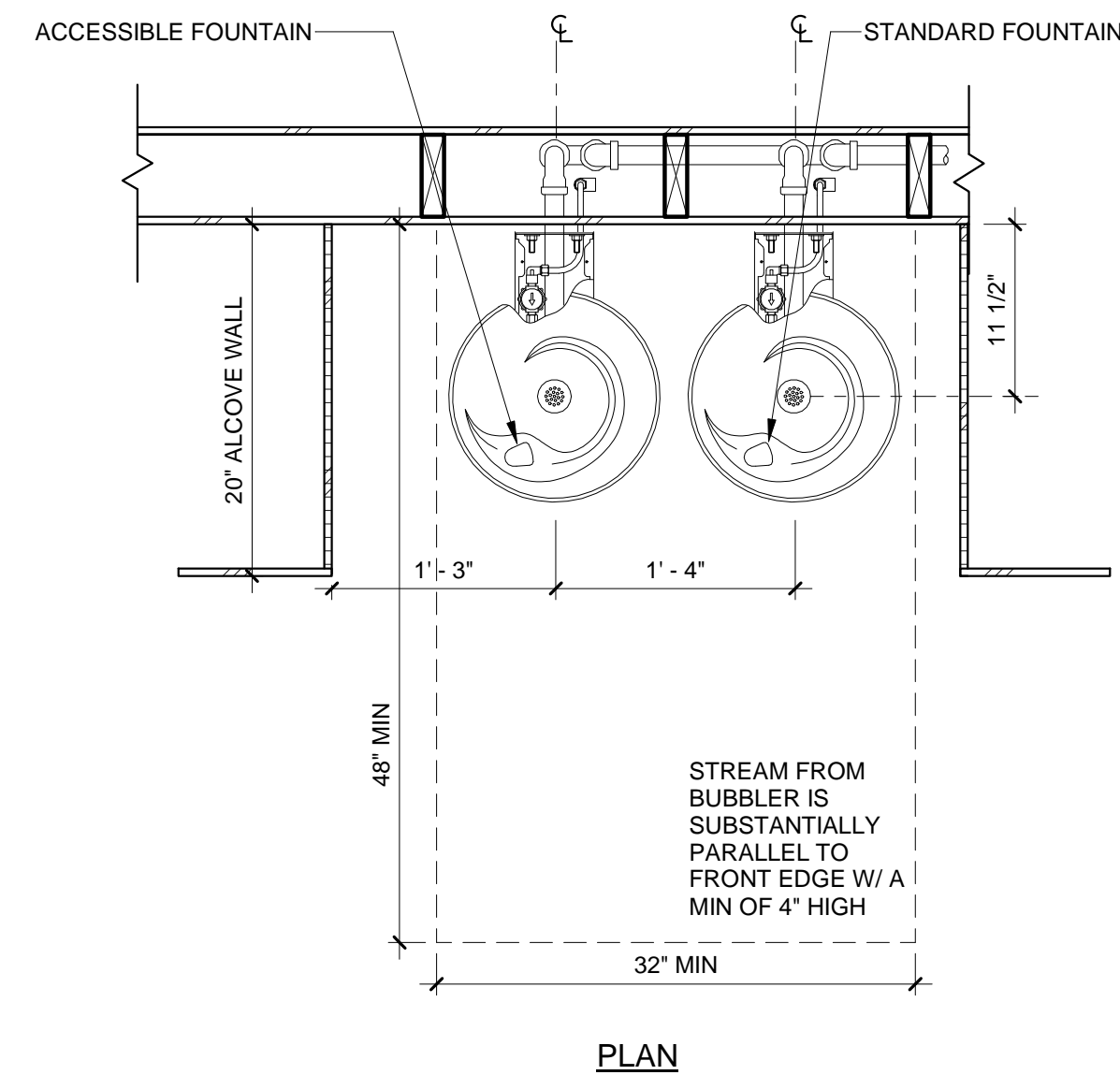
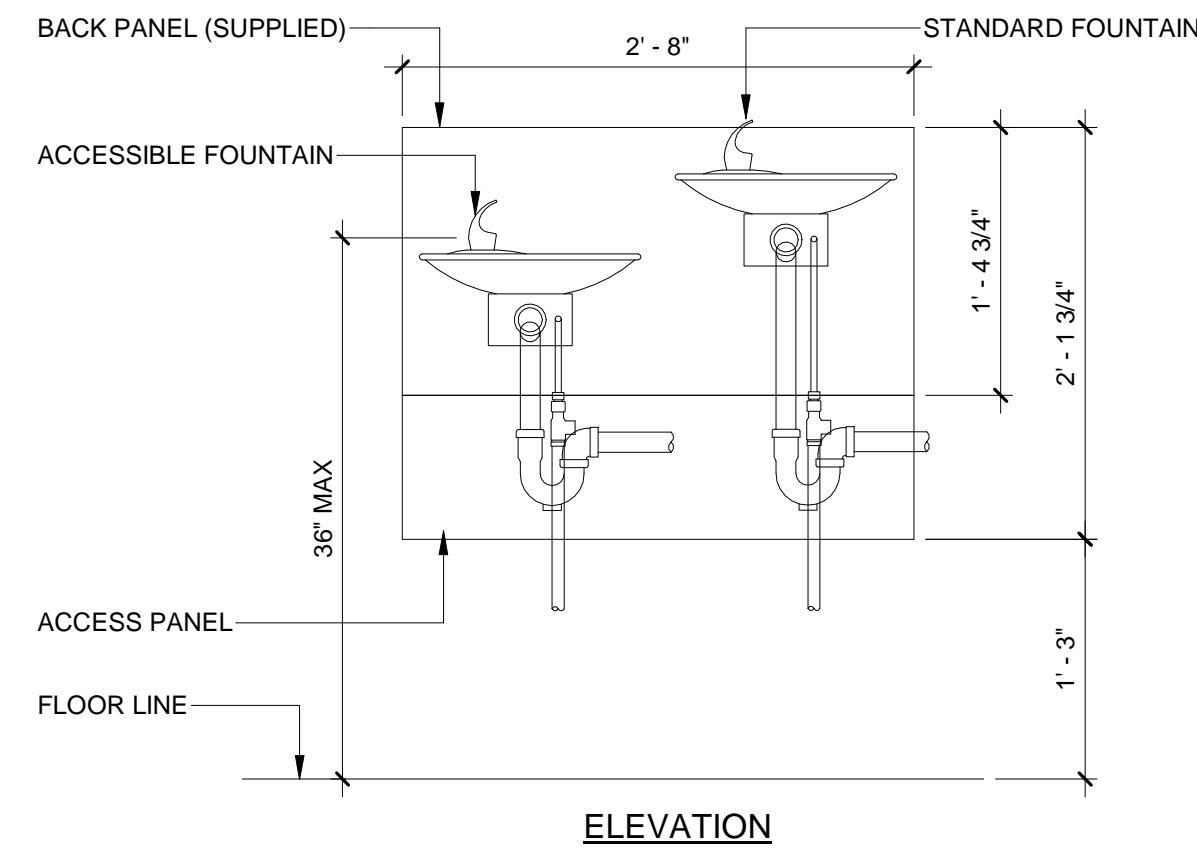
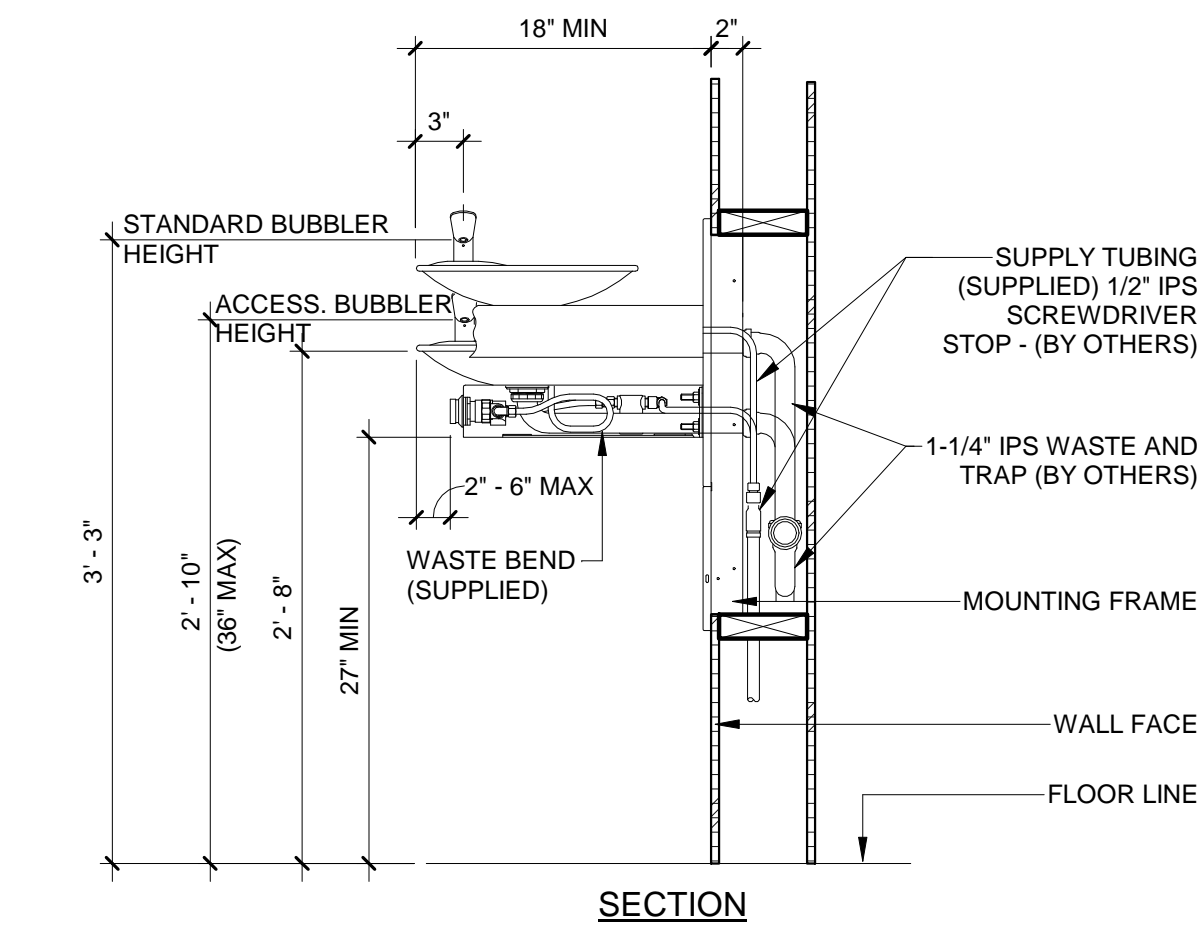
Scale: As indicated



11B-602.6 WATER FLOW
THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" HIGH MAXIMUM AND SHALL BE LOCATED 5" MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3" OF THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3" AND 5" MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM.

11B-602.7 DRINKING FOUNTAINS FOR STANDING PERSONS
SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38" MIN. AND 43" MAX. ABOVE THE FINISH FLOOR OR GROUND.

11B-602.9 PEDESTRIAN PROTECTION
ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR OTHERWISE POSITIONED SO AS NOT TO ENCROACH INTO PEDESTRIAN WAYS. THE PROTECTED AREA WITHIN WHICH A DRINKING FOUNTAIN IS LOCATED SHALL BE 32" WIDE MIN, AND 18" DEEP MIN, AND SHALL COMPLY WITH SECTION 11B-305.7. WHEN USED, WING WALLS OR BARRIERS SHALL PROJECT HORIZONTALLY AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6" VERTICALLY FROM THE FLOOR OR GROUND SURFACE.

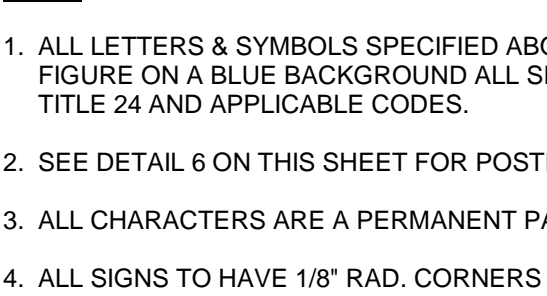
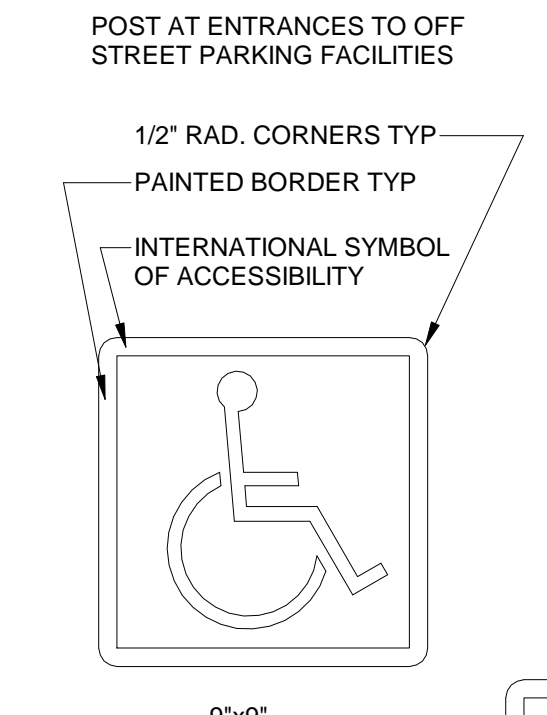
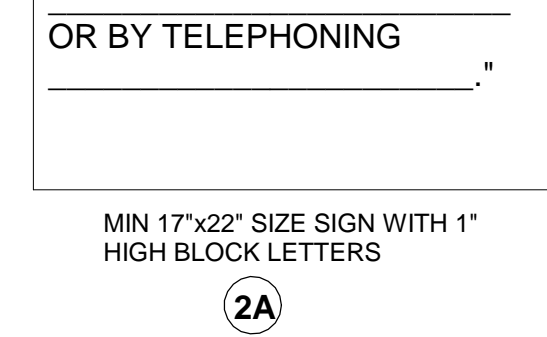


DUAL HEIGHT DRINKING FOUNTAIN
SCALE: 1" = 1'-0"

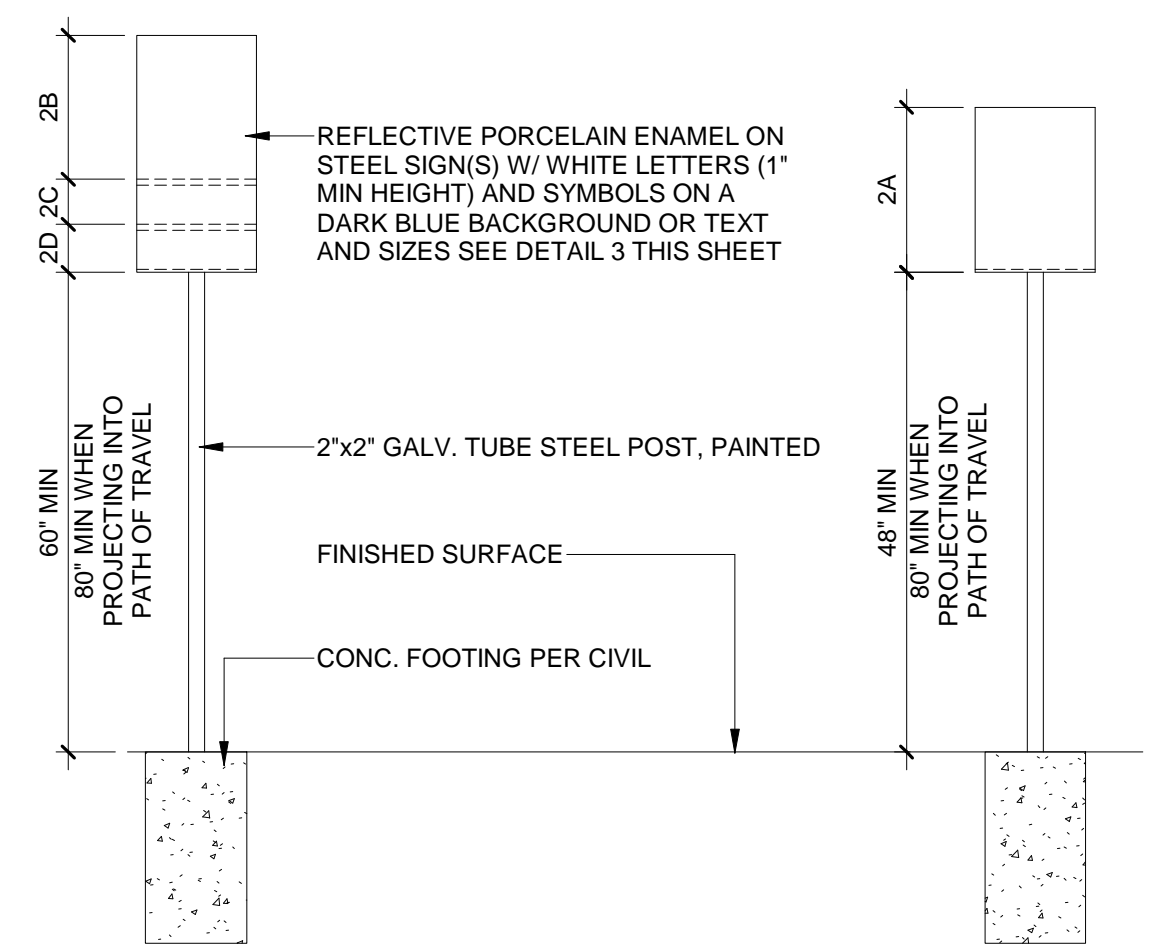
True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THESE PLANDOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND APPROVED BY THE JURISDICTION PLAN REVIEW. ACCEPTANCE OF CONSTRUCTION THROUGHOUT IS IN VIOLATION OF ANY FEDERAL, STATE, NOR CALIF. REGULATION.
By: *[Signature]* DATE: 12/06/2023
THIS SET OF THE PLANS AND SPECIFICATIONS MADE BE OPEN FOR THE JOB SITE AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY, OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.

THE ADDITIONAL SIGN SHALL CLEARLY STATE IN LETTERS WITH A MINIMUM HEIGHT OF 1 INCH (25 MM) THE FOLLOWING:

"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT:
OR BY TELEPHONING _____"

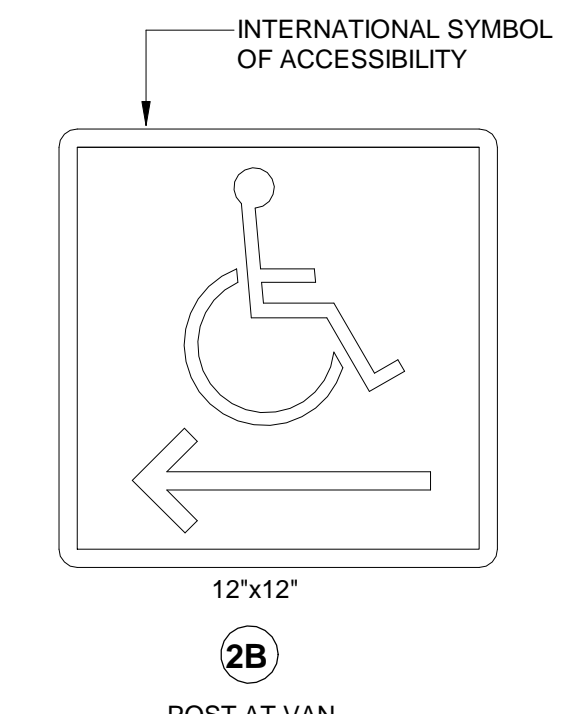


ACCESSIBILITY SIGNAGE
SCALE: 1/2" = 1'-0"

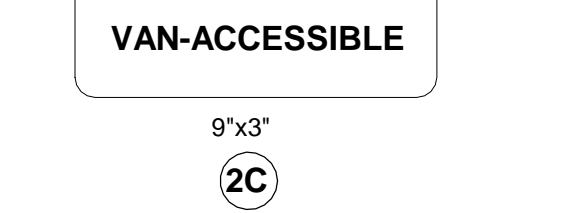


ACCESSIBILITY SIGNAGE
SCALE: 1/2" = 1'-0"

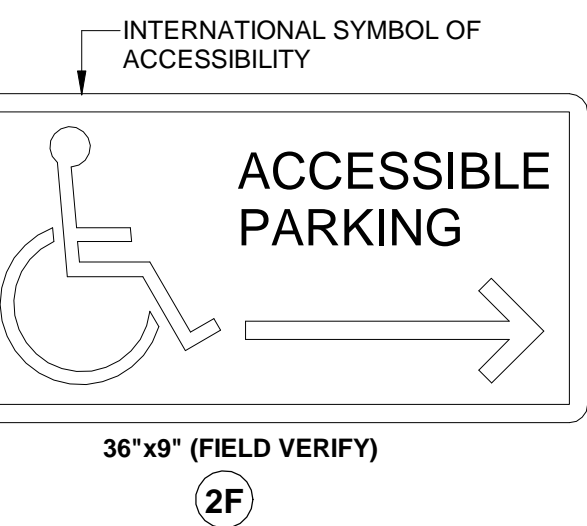
BLANK SPACES SHALL BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN.



POST AT VAN ACCESSIBLE PARKING SPACES



POST AT ACCESSIBLE PARKING SPACES



- NOTE:
- ALL LETTERS & SYMBOLS SPECIFIED ABOVE SHALL CONSIST OF A REFLECTIVE WHITE FIGURE ON A BLUE BACKGROUND ALL SIGNAGE TO COMPLY WITH ACCESSIBILITY TITLE 24 AND APPLICABLE CODES.
 - SEE DETAIL 6 ON THIS SHEET FOR POSTING HEIGHT.
 - ALL CHARACTERS ARE A PERMANENT PART OF THE SIGN.
 - ALL SIGNS TO HAVE 1/8" RAD. CORNERS MIN.

PREPARED BY:



EVERETT SMITH DESIGNS, INC

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Email: everett@everettsmithdesigns.com
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ENGINEER OF RECORD:

RAHMAN ENGINEERING

13611 12TH ST, SUITE-B,
CHINO, CA 91710
Tel: (213)-400-8078
MOKSUD.RAHMAN@GMAIL.COM

Stamp:



PROJECT:

227 N D ST. - EARLY CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:

227 N D St suite A,
Perris, CA 92570

CLIENT NAME:

CITY OF PERRIS

ACCESSIBILITY DETAILS FOR SITE AND SIGNAGE

Project number 21-2155

Date 12/4/2023 8:47:40 AM

Drawn by Author

Checked by Checker

A1.01

Scale As indicated

PREPARED BY:



**EVERETT SMITH
DESIGNS, INC**

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Everett Smith

Email: everett@everettsmithdesigns.com
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101 N. D STREET
PERRIS, CA

PROJECT:
227 N D St suite A,
Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:
227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

Existing Plan

Project number 21-2155
Date 12/4/2023 8:47:42 AM
Drawn by ES
Checked by ES

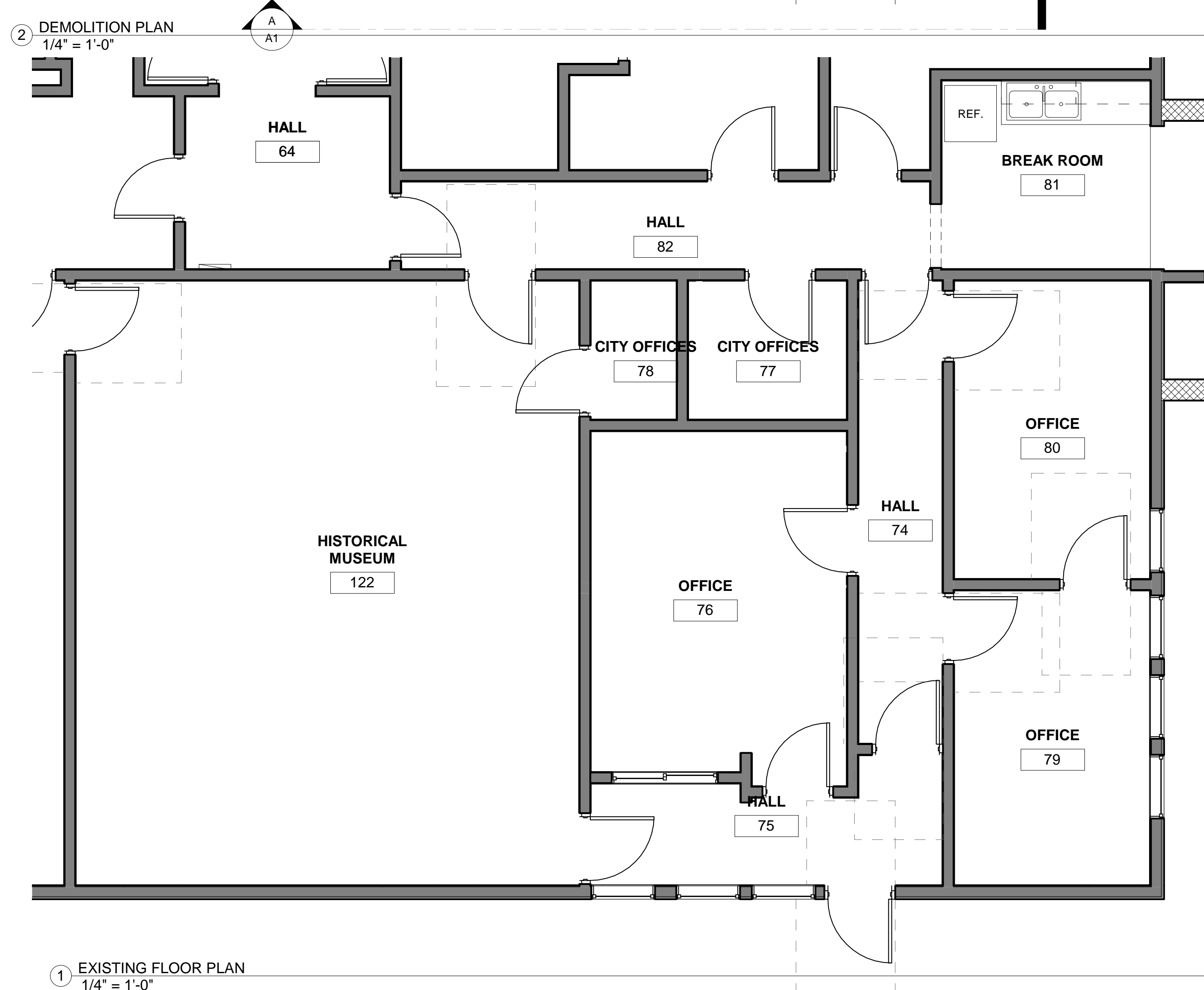
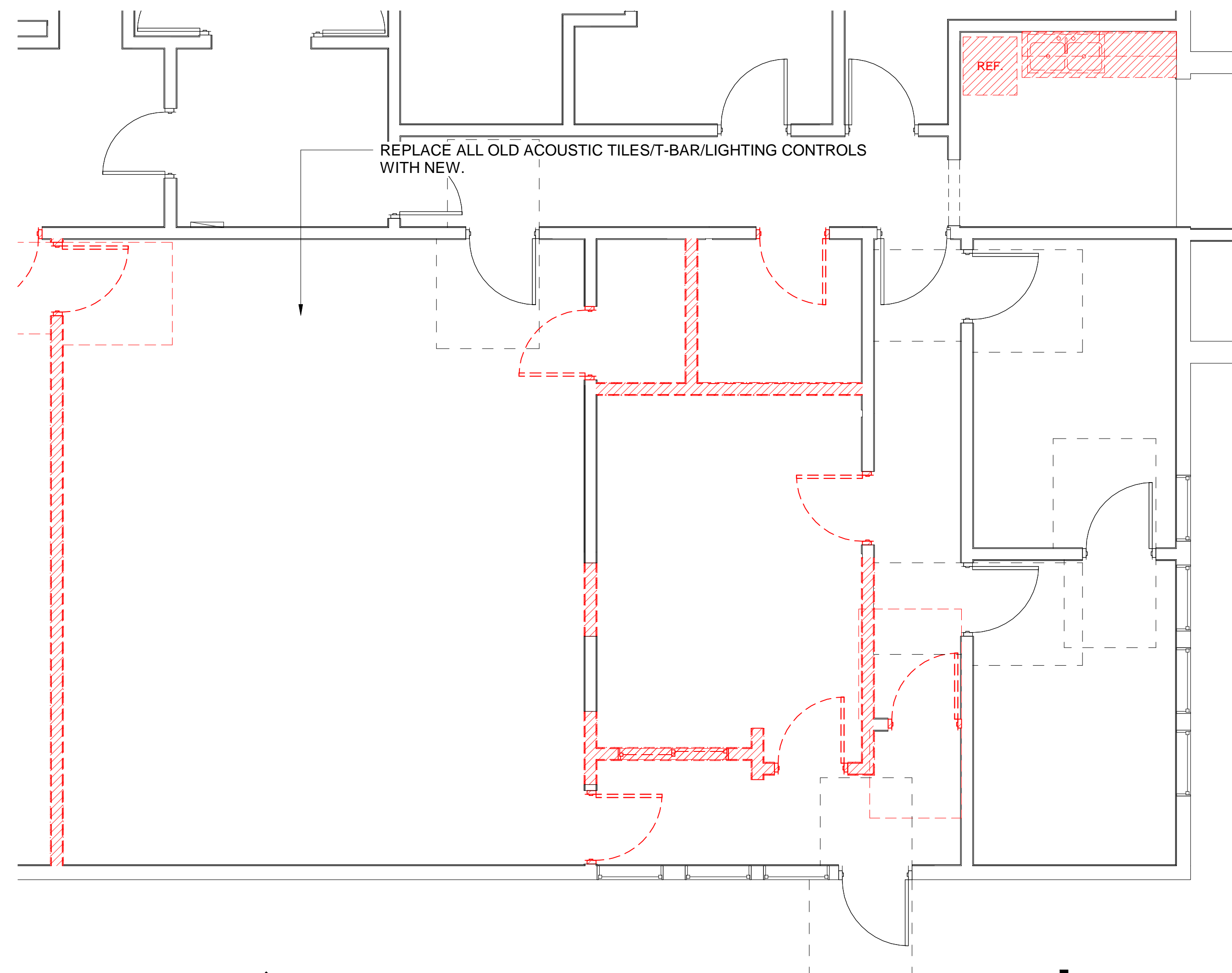
A1.1
Scale 1/8" = 1'-0"



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

THE DIMENSIONS WILL NEED TO BE VERIFIED, THIS IS NOT AN ASBUILT DESIGN. WALL FINISHES AND SIZE MAY DIFFER FROM EXISTING CONDITIONS.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HERETOBY THE JURISDICTION PLAN REVIEW ACCEPTANCE OF ANY FEDERAL, STATE AND LOCAL REGULATION BY DATE 12/06/2023.
 THESE SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND NO ALTERATIONS TO BE MADE OR CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY. OCCUPANCY FOR STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.



GENERAL NOTES
 1. FOR DEMOLITION REQUIREMENTS REFER TO SHEET

- DEMOLITION LEGEND**
- AREA OF EXISTING CEILING TILES TO BE REMOVED. PREPARE AND PAINT FOR NEW CEILING TILES PER NEW WORK PLANS.
 - AREA OF EXISTING CEILING FINISH BE REMOVED. PROTECT, AND PREPARE STRUCTURE FOR NEW CEILING FINISH PER NEW WORK PLANS.
 - REMOVE EXISTING LIGHTING FIXTURE AND PROVIDE NEW PER NEW WORK PLANS. SEE CONSULTANT PLANS FOR MORE INFORMATION.
 - REMOVE EXISTING HVAC FIXTURE AND PROVIDE NEW PER NEW WORK PLANS. SEE CONSULTANT PLANS FOR MORE INFORMATION.
 - REMOVE EXISTING ELECTRICAL / AUDIO-VIDEO COMPONENT AND PROVIDE NEW PER NEW WORK PLANS. SEE CONSULTANT PLANS FOR MORE INFORMATION.
- SEE CONSULTANT PLANS FOR MORE INFORMATION ON BUILDING UTILITY DEMO AND PREP FOR NEW WORK.

- GENERAL NOTES**
1. FOR DEMOLITION REQUIREMENTS REFER TO SHEET **G012**
 2. REMOVE EXISTING INTERIOR ROOM IDENTIFICATION AND DIRECTIONAL SIGNAGE AND PROVIDE NEW IN PLACE.
 3. PREPARE ALL DOORS, WINDOWS, FRAMES AND SURFACES IN ROOMS WITH NEW FLOORING TO RECEIVE NEW FINISHES.
 4. PROTECT (E) WINDOW COVERINGS, REMOVE AND REINSTALL AFTER COMPLETED WORK.
 5. PROTECT ALL (E) BUILDING STRUCTURE.

- DEMOLITION LEGEND**
- AREA OF EXISTING FINISH FLOOR TO BE REMOVED. PROTECT AND PREPARE SUBFLOOR FOR NEW FLOORING PER NEW WORK PLANS.
 - EXISTING WALL TO REMAIN.
 - EXISTING WALL, OR PORTION OF TO BE DEMOLISHED.
 - EXISTING WALL FINISH, OR PORTION OF TO BE DEMOLISHED. DASH INDICATES SIDE OF WALL TO BE DEMOLISHED. PROTECT AND PREPARE EXISTING WALL FRAMING AND SUBSTRATE TO RECEIVE NEW FINISH PER NEW WORK PLANS.
 - REMOVE EXISTING COUNTERTOPS/ BASE, UPPER AND ALL CASEWORK / LABWORK/ STORAGE AND GAS AND PLUMBING FIXTURES WITHIN THE CASEWORK. U.N.O. PREPARE & PATCH WALL/ FLOOR/ CEILING FOR INSTALLATION OF NEW CASEWORK PER NEW WORK PLANS.
 - REMOVE EXISTING DOOR, DOOR FRAME, THRESHOLD AND HARDWARE.
 - REMOVE EXISTING ELECTRICAL / AUDIO-VIDEO COMPONENT AND PROVIDE NEW PER NEW WORK PLANS. SEE CONSULTANT PLANS FOR MORE INFORMATION.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND ARE HEREBY APPROVED FOR CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, AND LOCAL REGULATIONS BY _____ DATE: 12/06/2023.
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PREPARED BY:

EVERETT SMITH DESIGNS, INC.
 RIVERSIDE COUNTY, CA
 TEL: 951-323-2187
 Email: everett@everettsmithdesigns.com
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101 N. D STREET
 PERRIS, CA

PROJECT:
 227 N D St suite A,
 Perris, CA 92570

227 N D ST. - EARLY CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:
 227 N D St suite A,
 Perris, CA 92570

CLIENT NAME:
 CITY OF PERRIS

Demo Plan

Project number: 21-2155
 Date: 12/4/2023 8:47:43 AM
 Drawn by: ES
 Checked by: ES

A1.2
 Scale: As indicated

- FLOOR PLAN**
- (E) WALL TO REMAIN
 - INFILL OF EXISTING WALL
 - NEW WALL TYPE
 - (E) 1-HOUR RATED CORRIDOR PARTITION
PROVIDE 1-HOUR FIRE PROTECTION FOR ALL PENETRATIONS
 - (N) NON BEARING PARTITION WALL
PROVIDE 2x4 UNLESS EXISTING CONDITION SIZE DIFFERS.
 - (E) SUITE DEMISING PARTITION - BUILD PARTITION TO UNDERSIDE OF FLOOR DECK STRUCTURE ABOVE SIM. AS WALL TYPE **A3** PER **1/A900**
 - ADA DOOR CLEARANCE
 - DOOR TAG SEE DOOR SCHEDULE **A200**
 - NEW STORAGE / CASEWORK:
SEE FINISH INTERIOR ELEVATIONS SHEET A4
 - FIRE EXTINGUISHER CABINET 13/AD1
 - NEW ELECTRICAL / AUDIO-VIDEO COMPONENT:
SEE CONSULTANT PLANS FOR MORE INFORMATION.



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

THE DIMENSIONS WILL NEED TO BE VERIFIED, THIS IS NOT AN ASBUILT DESIGN. WALL FINISHES AND SIZE MAY DIFFER FROM EXISTING CONDITIONS.

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PREPARED BY:

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DESIGNS, INC**
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101 N. D STREET
PERRIS, CA
 PROJECT:
 227 N D St suite A,
Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:
 227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
 CITY OF PERRIS

**Proposed Floor Plan
(OVERALL)**

Project number: 21-2155
 Date: 12/4/2023 8:47:44 AM
 Drawn by: ES
 Checked by: ES

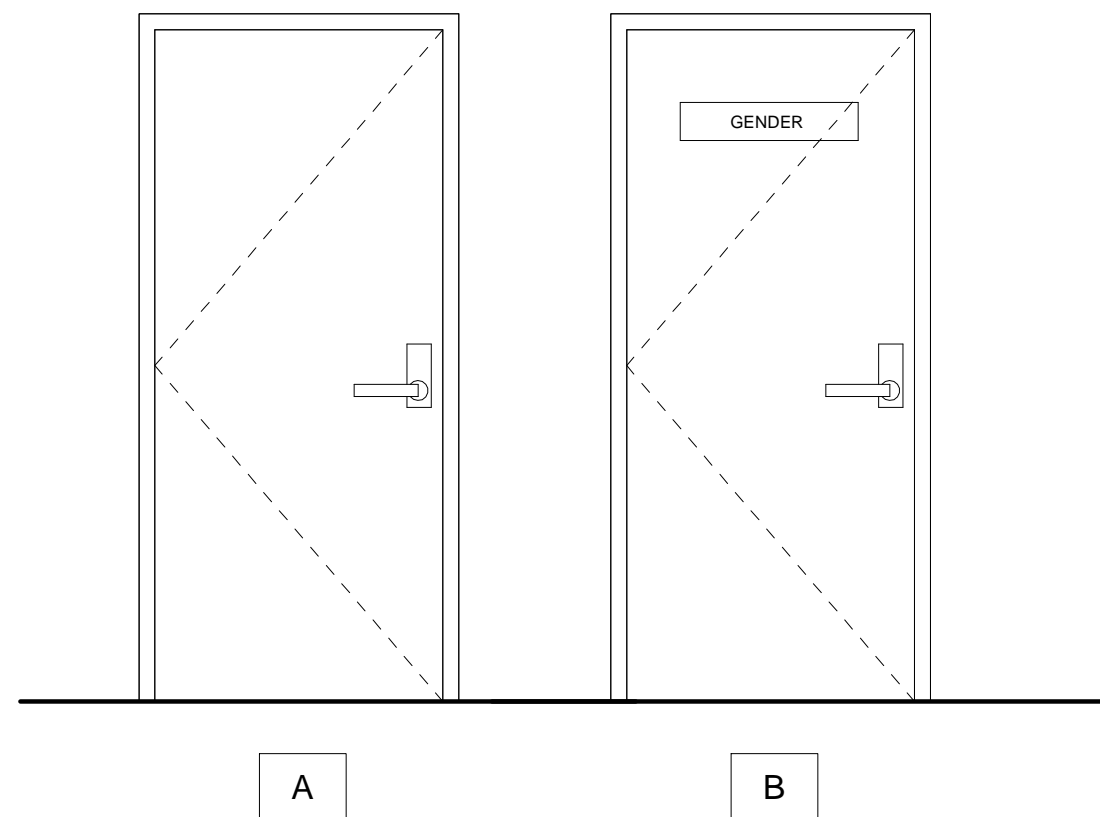
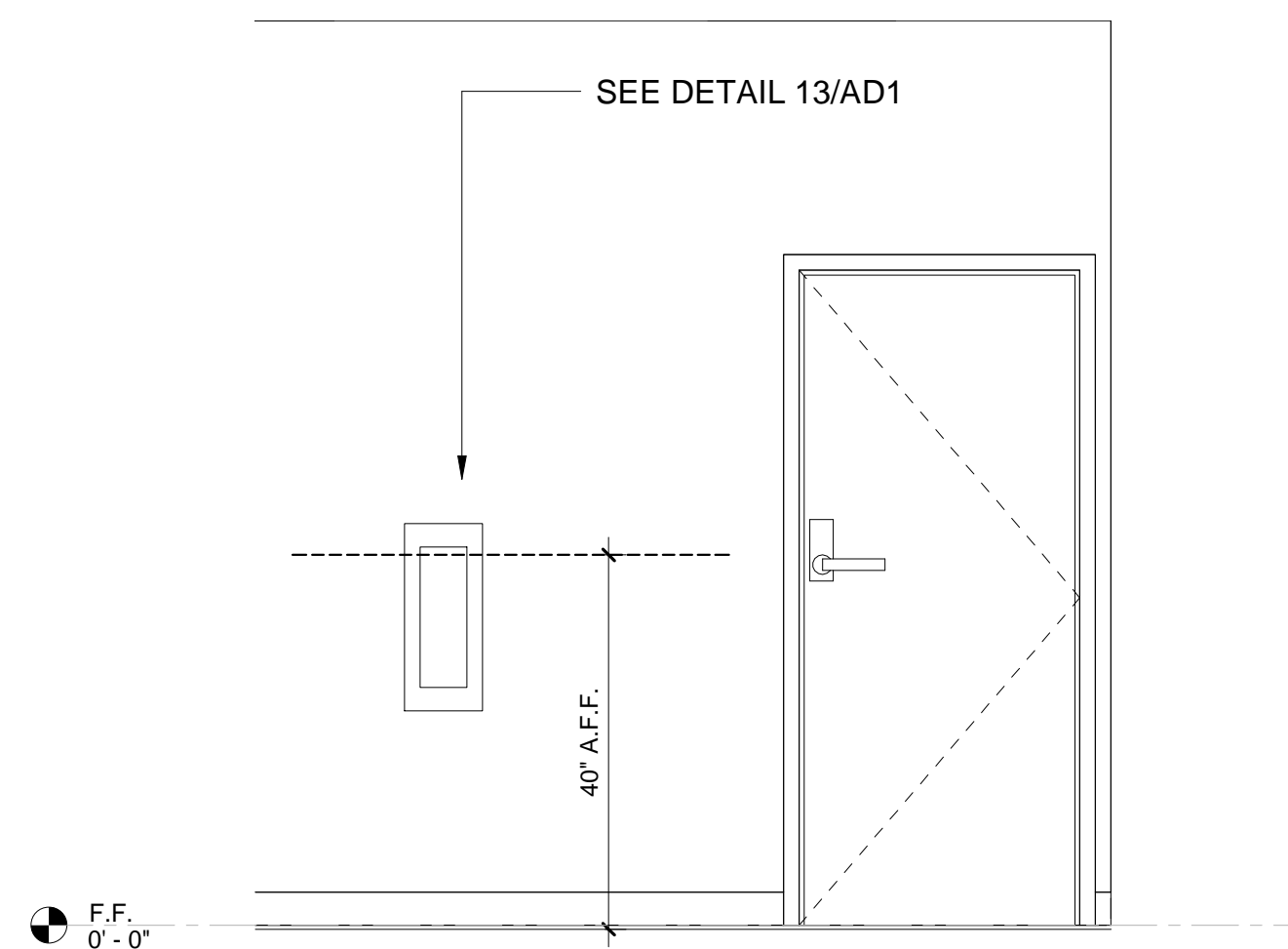
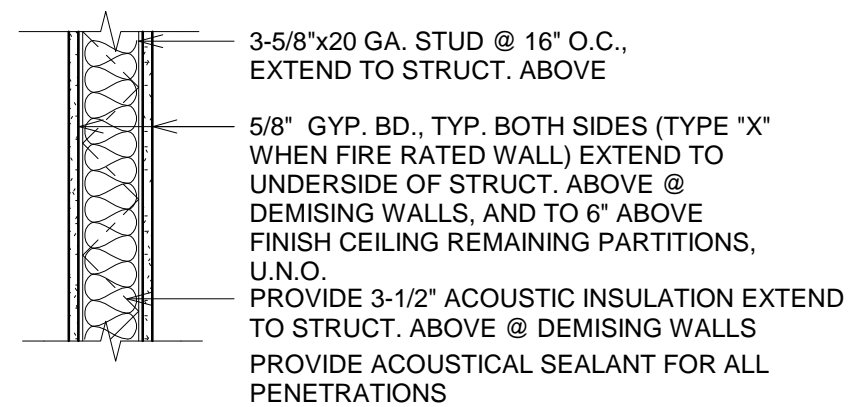
A2

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

DOOR SCHEDULE

Door Number	Description	Width	Height	DOOR TYPE	HARDWARE GROUP	LOCKSET	FRAME TYPE	FRAME MATERIAL
D1	WOOD, PAINT GRADE 1-3/4" Thick, Solid Core Construction	3' - 0"	7' - 0"					
D2	WOOD, PAINT GRADE 1-3/4" Thick, Solid Core Construction	3' - 0"	7' - 0"					
D3	WOOD, PAINT GRADE 1-3/4" Thick, Solid Core Construction	3' - 0"	7' - 0"					
D4	WOOD, PAINT GRADE 1-3/4" Thick, Solid Core Construction	3' - 0"	7' - 0"					
D5	WOOD, PAINT GRADE 1-3/4" Thick, Solid Core Construction	3' - 0"	7' - 0"					
D6	POCKET DOOR	3' - 0"	7' - 0"					
D7	CASED OPENING	0' - 0"	0' - 0"					
D8	GLASS DOOR FOR CHILDREN RESTROOM	3' - 0"	7' - 0"					

SCALE:	1" = 1'-0"
FIRE RATING:	NONE
ASSEMBLY REF:	U465
SOUND RATING:	N/A
REMARKS:	INTERIOR GENERAL PARTITION

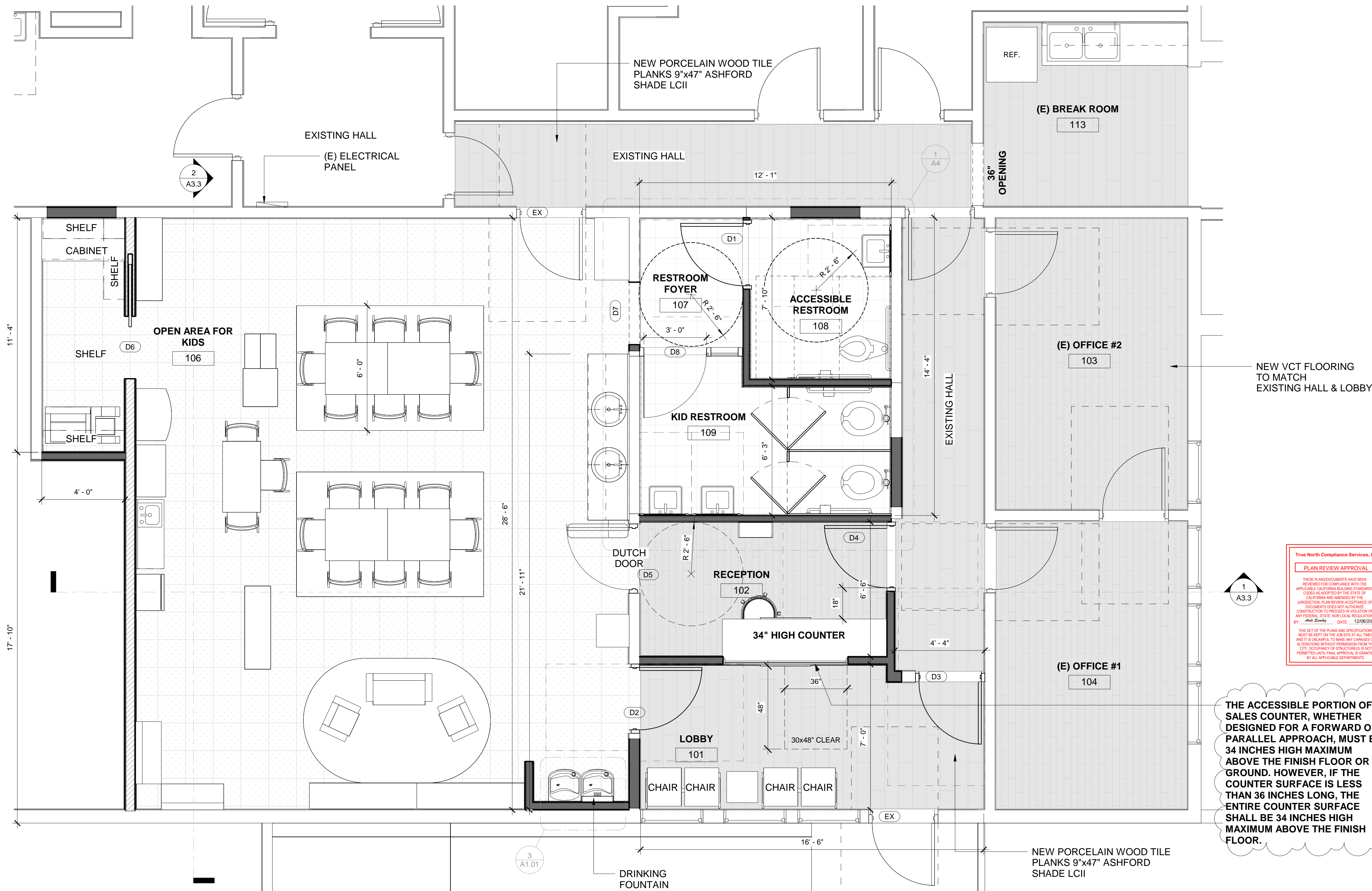


WOOD DOOR

METAL DOOR TO MATCH (E)

FLOOR PLAN

- (E) WALL TO REMAIN
- INFILL OF EXISTING WALL
- NEW WALL TYPE
- (E) 1-HOUR RATED CORRIDOR PARTITION PROVIDE 1-HOUR FIRE PROTECTION FOR ALL PENETRATIONS
- (N) NON BEARING PARTITION WALL PROVIDE 2x4 UNLESS EXISTING CONDITION SIZE DIFFERS.
- (E) SUITE DEMISING PARTITION - BUILD PARTITION TO UNDERSIDE OF FLOOR DECK STRUCTURE ABOVE SIM. AS WALL TYPE A3 PER 1/A900
- ADA DOOR CLEARANCE
- DOOR TAG SEE DOOR SCHEDULE A200
- NEW STORAGE / CASEWORK: SEE FINISH INTERIOR ELEVATIONS SHEET A4
- FIRE EXTINGUISHER CABINET 13/AD1
- NEW ELECTRICAL / AUDIO-VIDEO COMPONENT: SEE CONSULTANT PLANS FOR MORE INFORMATION.



PROPOSED FLOOR PLAN
3/8" = 1'-0"

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THESE PLANS AND DOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND NEEDED BY THE JURISDICTION. PLAN REVIEWER'S SIGNATURE OF APPROVAL DOES NOT AUTHORIZE CONSTRUCTION OF THIS PROJECT OR ANY FEDERAL, STATE, OR LOCAL REGULATION BY: *[Signature]* DATE: 12/08/2023

THIS SET OF PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND TO REMAIN UNLESS AND UNLESS OTHERWISE SPECIFIED BY THE ARCHITECT OR ENGINEER FROM THE CITY OF PERRIS. ANY CHANGES OR MODIFICATIONS TO THESE PLANS MUST BE APPROVED BY ALL APPLICABLE DEPARTMENTS.

THE ACCESSIBLE PORTION OF A SALES COUNTER, WHETHER DESIGNED FOR A FORWARD OR PARALLEL APPROACH, MUST BE 34 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. HOWEVER, IF THE COUNTER SURFACE IS LESS THAN 36 INCHES LONG, THE ENTIRE COUNTER SURFACE SHALL BE 34 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR.

PREPARED BY:



EVERETT SMITH
DESIGNS, INC

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

[Signature]

Email: everett@everettsmithdesigns.com
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101 N. D STREET
PERRIS, CA

PROJECT:
227 N D St suite A,
Perris, CA 92570

227 N D ST. - EARLY
CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date
1	CORRECTIONS	2023.10.14

PROJECT ADDRESS:

227 N D St suite A,
Perris, CA 92570

CLIENT NAME:

CITY OF PERRIS

Enlarged Proposed
Floor Plan

Project number 21-2155

Date 12/4/2023 8:47:47 AM

Drawn by ES

Checked by ES

A2.2

Scale As indicated



EXISTING ADA RAMP WITH (E) DETECTABLE WARNINGS

EXIT PLAN NOTES

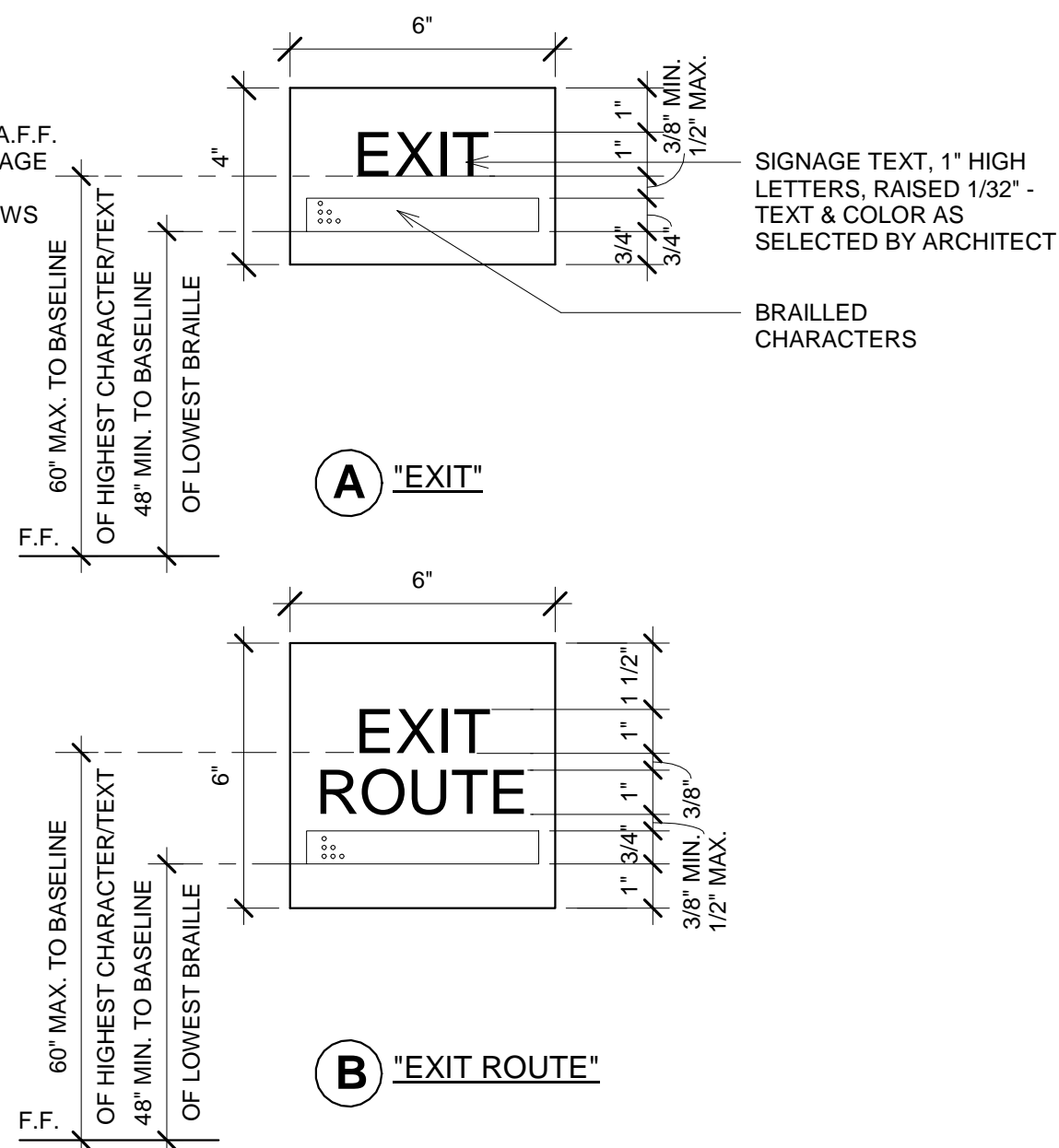
CONTRACTOR TO PROVIDE TACTILE EXIT SIGNAGE THAT COMPLIES WITH C.B.C. SECTION 1011.3 AT THE FOLLOWING LOCATIONS WITH THE FOLLOWING WORDS:

- EACH GRADE-LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD, "EXIT."
- EACH EXIT DOOR THAT LEAD DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
 - EXIT STAIR DOWN"
 - "EXIT RAMP DOWN"
 - "EXIT STAIR UP"
 - "EXIT RAMP UP"
- EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE THAT DOES NOT UTILIZE A STAIR OR RAMP, OR BY MEANS OF AN EXIT PASSAGEWAY, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE."
- EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, & SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE."
- EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "TO EXIT."

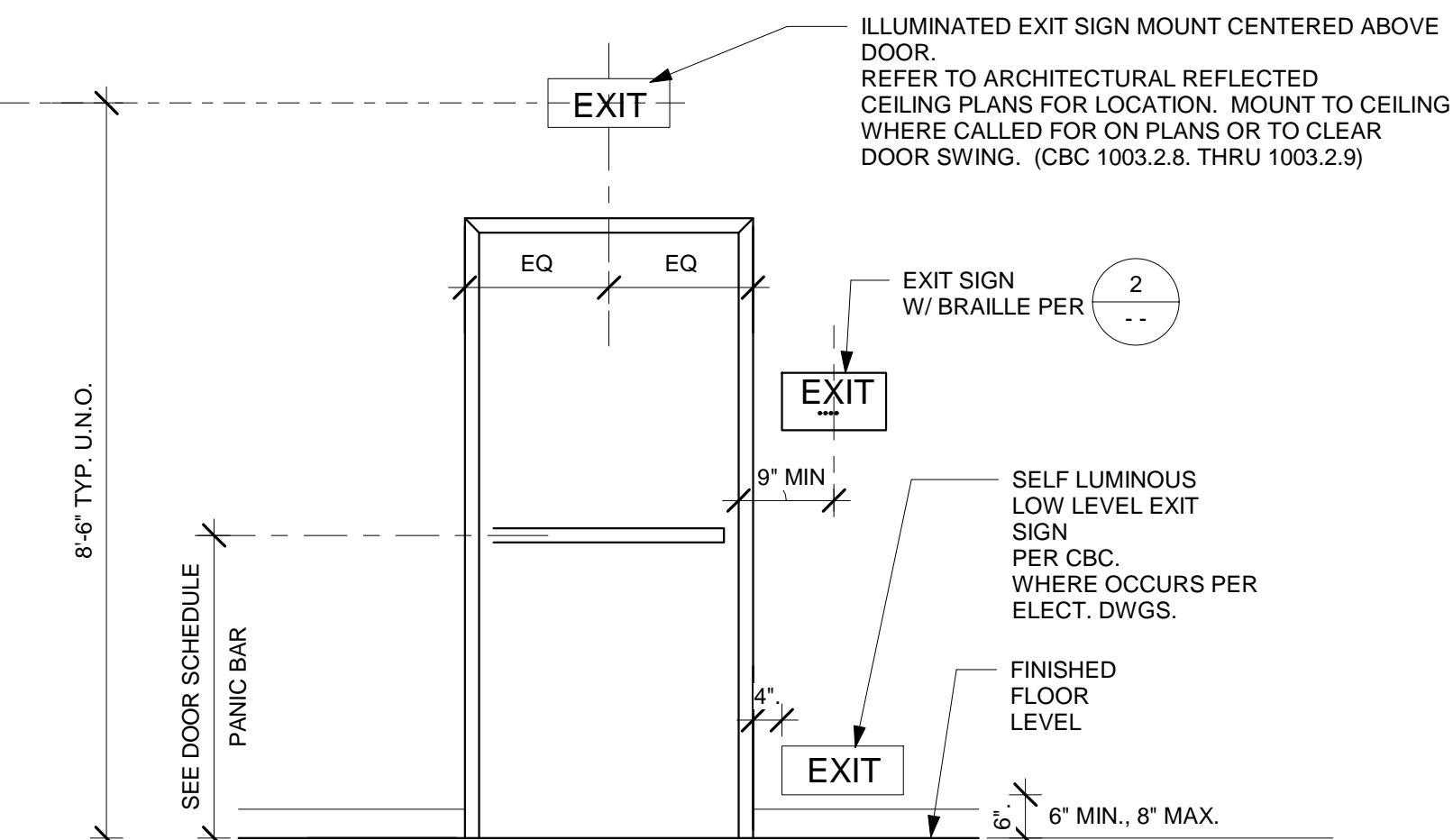
- ← PRIMARY EXIT
- ⊕ EXIT NUMBER
- 204 ROOM NUMBER
- ⊗ ILLUMINATED EXIT SIGN
- ↑ ⊗ DIRECTIONAL ILLUMINATED EXIT SIGN
- PH PANIC HARDWARE
- VON DUPRIN-35A-NL-OP OR EQUAL
- SG TACTILE 'EXIT SIGN
- ← SG TACTILE 'EXIT ROUTE' SIGN
- ⊗ TACTILE 'EXIT STAIRS DOWN' SIGN
- SG TACTILE 'NOT AN EXIT SIGN

NOTE:

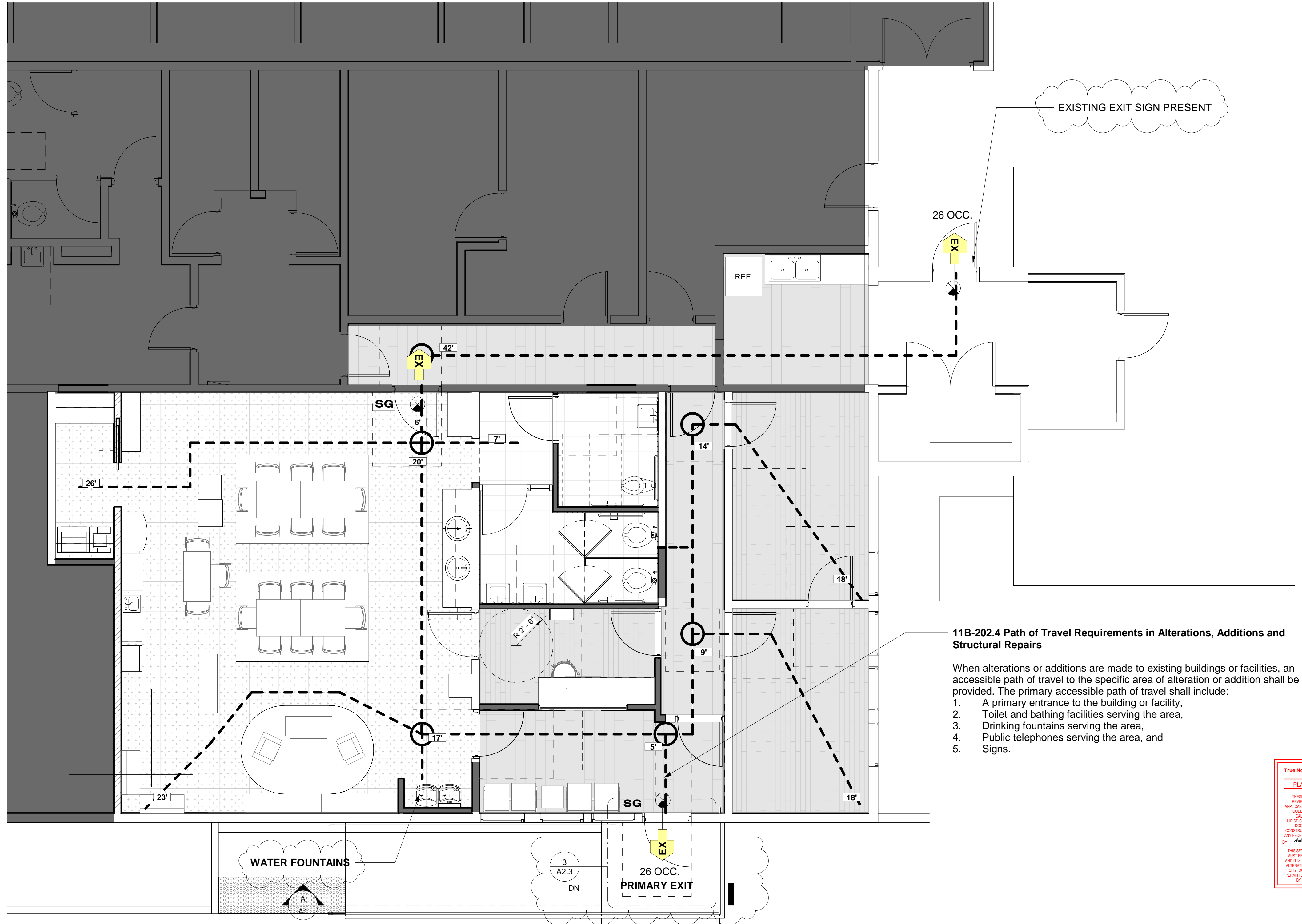
- MOUNT SIGN AT 5'-0" MAX. A.F.F. AT BOTTOM OF FIRST SIGNAGE TEXT, TYP.
- PROVIDE DIRECTION ARROWS AS REQUIRED PER PLAN
- SIGNS TO COMPLY WITH CBC SEC. 1003.2.8.6.1



2 TACTILE EXIT SIGNAGE
3" = 1'-0"



3 EXIT & ROOM SIGN PLACEMENT
1/2" = 1'-0"



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

11B-202.4 Path of Travel Requirements in Alterations, Additions and Structural Repairs

- When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel shall include:
- A primary entrance to the building or facility,
 - Toilet and bathing facilities serving the area,
 - Drinking fountains serving the area,
 - Public telephones serving the area, and
 - Signs.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS PLAN REVIEW APPROVAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE AMERICAN WITH DISABILITIES ACT (ADA) AS ADOPTED BY THE STATE OF CALIFORNIA AND THE JUDICIAL BRANCH OF THE CALIFORNIA LEGISLATURE. THE JUDICIAL BRANCH OF THE CALIFORNIA LEGISLATURE HAS REVIEWED AND APPROVED THIS PLAN REVIEW APPROVAL. DATE: 12/06/2023
THIS SET OF PLAN REVIEW APPROVALS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND NOT BE REPRODUCED OR ALTERED WITHOUT PERMISSION FROM THE CITY OCCUPANCY & STRUCTURES DEPARTMENT. PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

PREPARED BY:



EVERETT SMITH
DESIGNS, INC.

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Email: everett@everettsmithdesigns.com
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101 N. D STREET
PERRIS, CA

PROJECT:
227 N D St suite A,
Perris, CA 92570

227 N D ST. - EARLY
CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date
1	CORRECTIONS	2023.10.14

PROJECT ADDRESS:
227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

Code Accessibility
Plan

Project number 21-2155
Date 12/4/2023 8:47:54 AM
Drawn by ES
Checked by ES

A2.3
Scale As indicated

09 21 16 GYPSUM BOARD ASSEMBLIES

CODE	SPECIFICATION	DESCRIPTION
GB-1	09 29 00	MANUFACTURER UNITED STATES GYPSUM (USG) TYPE NON-RATED; USG REGULAR EDGE SW TAPERED THICKNESS: 5/8"
GB-X	09 29 00	MANUFACTURER UNITED STATES GYPSUM (USG) TYPE USG FIRECODE CORE (TYPE X) EDGE SW TAPERED THICKNESS 5/8"

09 91 00 INTERIOR PAINTING

CODE	SPECIFICATION	DESCRIPTION
PT-1	09 91 23	MANUFACTURER DUNN EDWARDS COLOR (SEE CITY FOR FINAL CHOICE) EGGSHELL
PT-2		COLOR CUSTOM COLORS FOR ARTISTIC FEATURES
PT-3		COLOR SPECIAL ARTISTIC DESIGN (FINAL DETAILS TO DISCUSS) EGGSHELL

09 65 00 RESILIENT SHEET FLOORING BASE AND ACCESSORIES

CODE	SPECIFICATION	DESCRIPTION
VB-1	09	MANUFACTURER FLEXCO TYPE TP BASE 2000 (B2-036) SERIES VINYL 1/8" OR 0.080" FLEXTONES COLOR 036 GREY SIZE 4 in. x .080 in. x 48 in PROFILE FLEXCO STOCKING COVE BASE
CV-1		MANUFACTURER DAL TILE - S3619TN COLOR COLORFUL (VERIFY WITH CITY) (CHILDREN RESTROOM BLUE TILES) (ADA RESTROOM WHITE TILES) TYPE Wall TRIM - 6" x 6" ASANITARY COVE BASE SLIM FOOT PROFILE & SIZE 6x6 SLIM FOOT 3/8" COVE BASE

WALL COVERING

CODE	SPECIFICATION	DESCRIPTION
WC	TILE WALL 60" HIGH RESTROOM	MANUFACTURER... DALTILE COLOR MULTI-COLOR / COLORFUL TYPE Color Wheel Collection - Linear SIZE WAINSCOTTING 60" HIGH : 4-1/4 X 8-9/16
WC-1	WALL VINYL / STICKERS	WALL VINYL / STICKERS (SEE RENDERINGS FOR...)

09 65 00 RESILIENT SHEET FLOORING

CODE	SPECIFICATION	DESCRIPTION
FL-1	EXISTING HALL &...	MANUFACTURER TRUEWOOD CREAM WOOD PLAN PORC COLOR TRUEWOOD PLANK 9"x47", PART# 328X
FL-2	OFFICE &...	TBD VCT OR LVT (MATCH COLORS OF HALLWAY)
FL-3	RESTROOMS	MANUFACTURER DALTILES MOSAIC WALL TILES & TILE FLOORING COLOR TBD SIZE TBD
FL-4	KIDS AREA	PREMIUM COMPACT & COMFORT GERFLOR (PREMIUM COMPACT & COMFORT) 4002 MANUA

09 51 00 ACOUSTICAL CEILINGS

CODE	SPECIFICATION	DESCRIPTION
ACT-1	09 51 00	MANUFACTURER ARMSTRONG SERIES ULTIMA ITEM # 1943 EDGE ANGLED TEGULAR 15/16 SIZE 24" X 48" X 3/4" COLOR FACTORY FINISH - WHITE GRID 15/16" ARMSTRONG 7500 EXPOSED T-GRID SYSTEM ...
ACT-2	09 51 00	MANUFACTURER ARMSTRONG SERIES ULTIMA ITEM # 1940 EDGE ANGLED TEGULAR 15/16 COLOR FACTORY FINISH - WHITE GRID 15/16" ARMSTRONG 7500 EXPOSED T-GRID SYSTEM ...
GB-1		MANUFACTURER GYPSUM BOARD

06 41 00 PLASTIC-LAMINATE-FACED ARCHITECTURAL CASEWORK

CODE	SPECIFICATION	DESCRIPTION
PL-1	COUNTERTOP	MANUFACTURER HOME DEPOT (MATCH EXISTING) SERIES HIGH PRESSURE LAMINATED PLASTIC SERIES COLOR BY CITY
PL-2	CABINET FACES	MANUFACTURER (MATCH EXISTING) SERIES HIGH PRESSURE LAMINATED PLASTIC SERIES COLOR BY CITY

ROOM FINISH SCHEDULE - ALL QUANTITIES ARE FOR DESIGN REFERENCE ONLY - NOT FOR BID, NOT FOR CONSTRUCTION

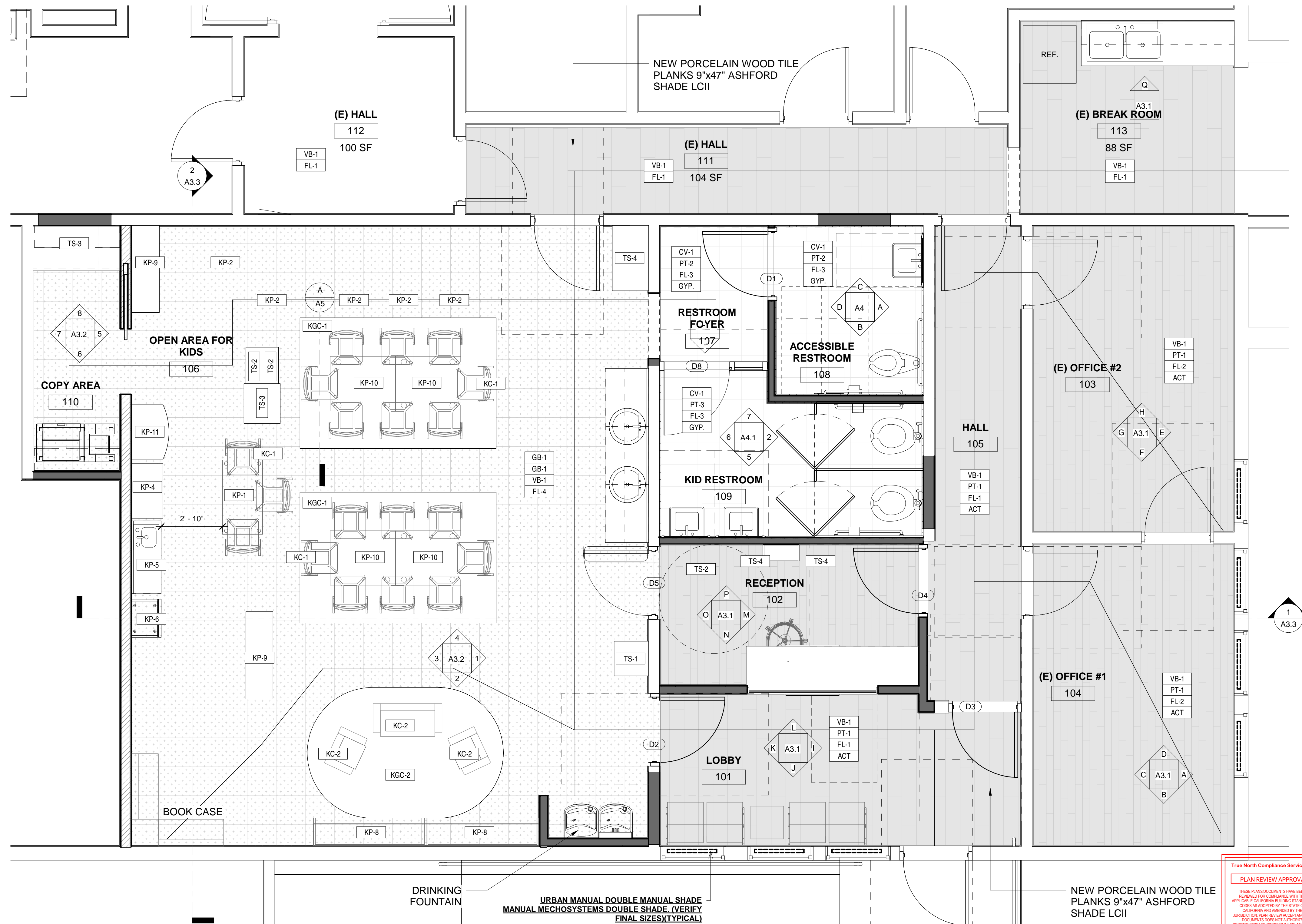
ROOM No.	ROOM NAME	FLOOR		WALLS				CEILING	ROOM AREA	ROOM PERIMETER	CEILING HEIGHT (FEET)	ROOM WALL AREA
		FINISH	BASE	NORTH	EAST	SOUTH	WEST	FINISH				
101	LOBBY	FL-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	112 SF	47' - 3"	10	472' - 1"
102	RECEPTION	FL-2	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	77 SF	36' - 9"	9	330' - 9"
103	(E) OFFICE #2	FL-2	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	131 SF	46' - 8"	9	420' - 4"
104	(E) OFFICE #1	FL-2	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	129 SF	46' - 4"	9	417' - 4"
105	HALL	FL-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	90 SF	52' - 4"	9	471' - 0"
106	OPEN AREA FOR KIDS	FL-4	VB-1	PT-1 / WC-1	PT-1 / WC-1	PT-1 / WC-1	PT-1 / WC-1	GB / PT-2	674 SF	108' - 5"	10	1084' - 2"
107	RESTROOM FOYER	FL-3	VB-1	PT-3	PT-3	PT-3	PT-3	GB / PT-2	32 SF	22' - 11"	9	205' - 11"
108	ACCESSIBLE RESTROOM	FL-3	VB-1	PT-3 / WC	PT-3 / WC	PT-3 / WC	PT-3 / WC	GB / PT-2	53 SF	29' - 3"	9	262' - 11"
109	KID RESTROOM	FL-3	VB-1	PT-3 / WC	PT-3 / WC	PT-3 / WC	PT-3 / WC	GB / PT-2	84 SF	39' - 11"	9	359' - 1"
110	COPY AREA	FL-4	VB-1	PT-1	PT-1	PT-1	PT-1	GB / PT-2	45 SF	30' - 7"	9	275' - 3"
111	(E) HALL	FL-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	104 SF	58' - 3"	9	523' - 11"
112	(E) HALL	FL-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	100 SF	44' - 8"	9	402' - 0"
113	(E) BREAK ROOM	FL-1	VB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	88 SF	37' - 6"	9	337' - 10"
									1718 SF	600' - 9"		5562' - 7"

FINISH NOTES:

- TROWEL FINISH WALLS TO MATCH OTHER ADJACENT SUITE AND OTHER SIDE OF BUILDING
- EXISTING BASE BOARDS TO BE FINISHED TO MATCH COLOR OF (N) TENANT IMPROVEMENT.
- INCLUDE REQUIRED SUBSTRATE UNDER ALL FLOORING
- DOORS TO MATCH LOOK OF ADJACENT SUITE. STAINING MAYBE NEEDED. SPEAK WITH CITY FOR FINAL DETAILS.

FURNITURE SCHEDULE

CODE	LOCATION	MANUFACTURER	
KGC-1	KIDS AREA	KAPLAN INC.	GREEN LEAF CARPET
KGC-2	KIDS AREA	KAPLAN INC.	GREEN LEAF OVAL
KC-1	KIDS AREA	KAPLAN INC.	KAPLAN CHAIR
KC-2	KIDS AREA	KAPLAN INC.	KAPLAN SOFA
KP-1	KIDS AREA	KAPLAN INC.	ISLAND
KP-2	KIDS AREA	KAPLAN INC.	STOOL
KP-3	KIDS AREA	KAPLAN INC.	STORAGE
KP-4	KIDS AREA	KAPLAN INC.	ARMOIRE
KP-5	KIDS AREA	KAPLAN INC.	KITCHEN
KP-6	KIDS AREA	KAPLAN INC.	FRIDGE
KP-7	KIDS AREA	KAPLAN INC.	BOOKCASE
KP-8	KIDS AREA	KAPLAN INC.	LOCKERS
KP-9	KIDS AREA	KAPLAN INC.	STORAGE
KP-10	KIDS AREA	KAPLAN INC.	KAPLAN [6113-NT] & KAPLAN [84698-ST]
KP-11	KIDS AREA	KAPLAN INC.	CURIO STORAGE
TS1	KIDS AREA	PER CLIENT TBD.	TEACHER STORAGE
TS2	KIDS AREA	PER CLIENT TBD.	LOCK CABINET
TS3	KIDS AREA	PER CLIENT TBD.	SUPPLY CABINET



1 PROPOSED FINISH PLAN
3/8" = 1'-0"

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS PLAN REVIEW APPROVAL HAS BEEN OBTAINED FOR COMPLIANCE WITH THE APPLICABLE PERMITS AND REGULATIONS AS ADOPTED BY THE CITY OF PERRIS. THIS REVIEW IS LIMITED TO THE INFORMATION PROVIDED AND DOES NOT CONSTITUTE A GUARANTEE OF ACCURACY OR A WARRANTY OF ANY KIND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF PERRIS. FINAL APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.

THE DIMENSIONS WILL NEED TO BE VERIFIED, THIS IS NOT AN ABSOLUTE DESIGN. WALL FINISHES AND SIZE MAY DIFFER FROM EXISTING CONDITIONS.

PREPARED BY:

EVERETT SMITH DESIGNS, INC.
RIVERSIDE COUNTY, CA
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101 N. D STREET
PERRIS, CA
PROJECT:
227 N D St suite A,
Perris, CA 92570

227 N D ST. - EARLY CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:
227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

Finish Plan & Furniture Plan

Project number 21-2155
Date 12/4/2023 8:48:09 AM
Drawn by ES
Checked by ES

A3
Scale 3/8" = 1'-0"



**EVERETT SMITH
DESIGNS, INC**

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Everett Smith
Email: everett@everettsmithdesigns.com
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101 N. D STREET
PERRIS, CA

PROJECT:
227 N D St suite A,
Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date
1	CORRECTIONS	2023.10.14

PROJECT ADDRESS:
227 N D St suite A,
Perris, CA 92570

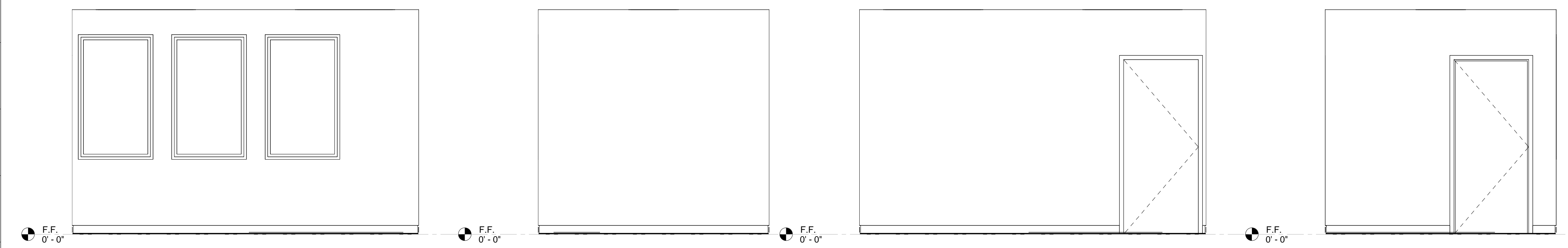
CLIENT NAME:
CITY OF PERRIS

Interior Elevations

Project number: 21-2155
Date: 12/4/2023 8:48:16 AM
Drawn by: Author
Checked by: Checker

A3.1
Scale: As indicated

12/4/2023 8:48:16 AM

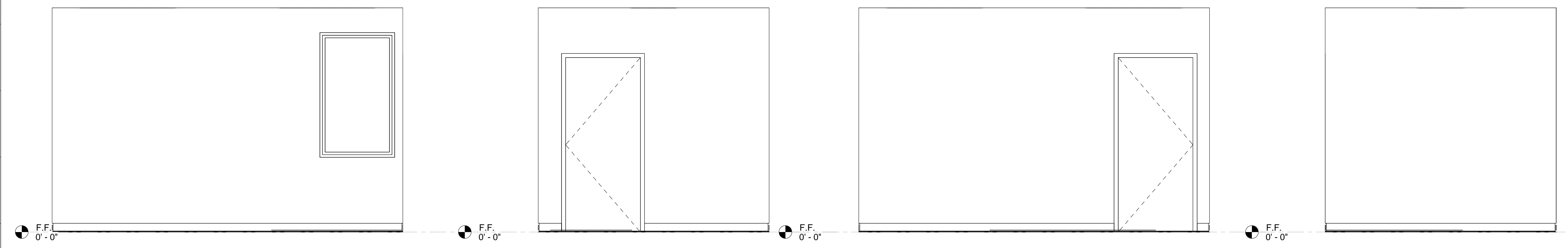


A OFFICE #1 -"A"
3/8" = 1'-0"

B OFFICE #1 -"B"
3/8" = 1'-0"

C OFFICE #1 -"C"
3/8" = 1'-0"

D OFFICE #1 -"D"
3/8" = 1'-0"

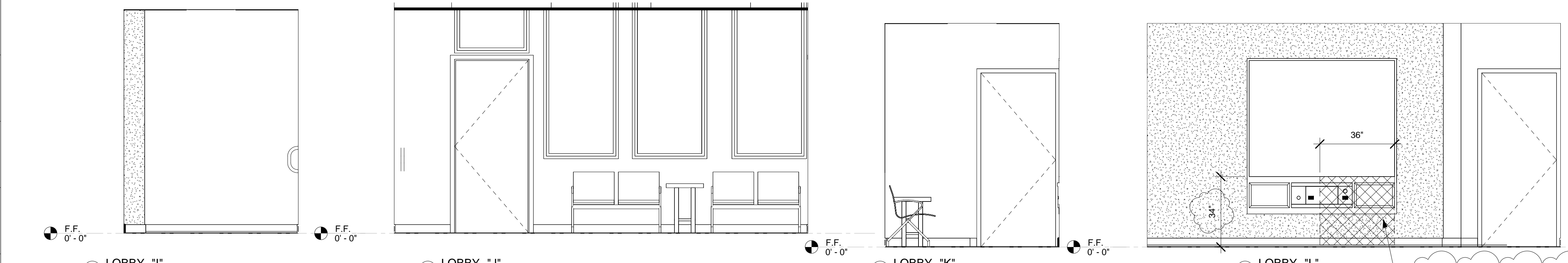


E OFFICE #2 -"E"
3/8" = 1'-0"

F OFFICE #2 -"F"
3/8" = 1'-0"

G OFFICE #2 -"G"
3/8" = 1'-0"

H OFFICE #2 -"H"
3/8" = 1'-0"

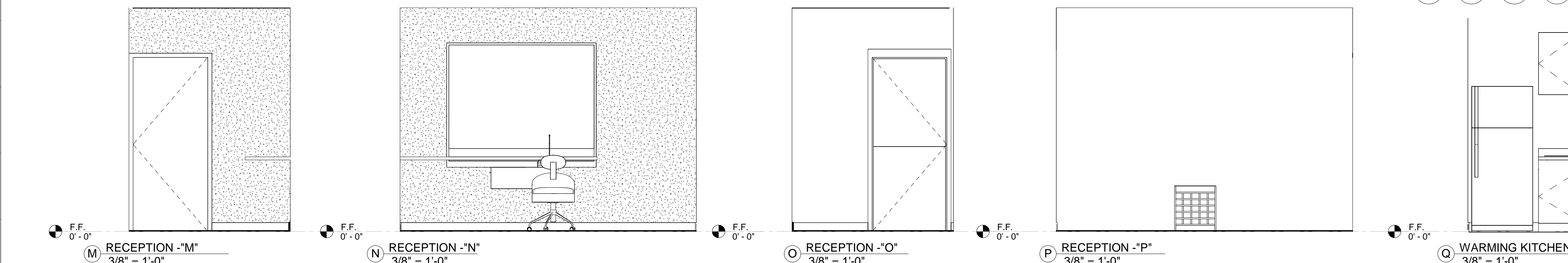


I LOBBY -"I"
3/8" = 1'-0"

J LOBBY -"J"
3/8" = 1'-0"

K LOBBY -"K"
3/8" = 1'-0"

L LOBBY -"L"
3/8" = 1'-0"



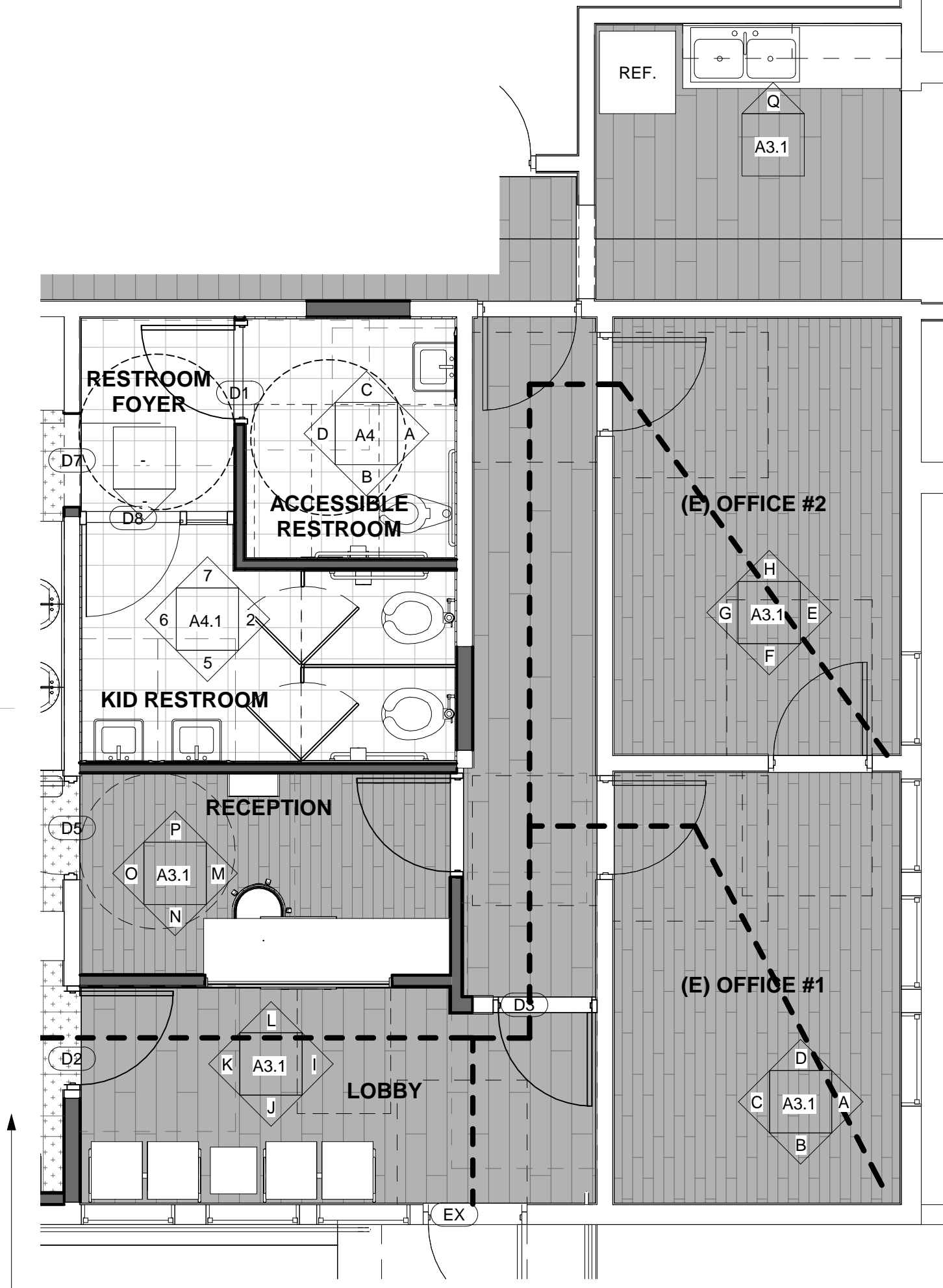
M RECEPTION -"M"
3/8" = 1'-0"

N RECEPTION -"N"
3/8" = 1'-0"

O RECEPTION -"O"
3/8" = 1'-0"

P RECEPTION -"P"
3/8" = 1'-0"

Q WARMING KITCHEN "Q"
3/8" = 1'-0"



1 ELEVATION KEYPLAN #1
1/4" = 1'-0"

11B-403.1 General
Walking surfaces that are a part of an accessible route shall comply with Section 11B-403.

11B-403.2 Floor or Ground Surface
Floor or ground surfaces shall comply with Section 11B-302.

11B-403.3 Slope
The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

11B-403.4 Changes in Level
Changes in level shall comply with Section 11B-303.

11B-403.5 Clearances
Walking surfaces shall provide clearances complying with Section 11B-403.5.

Exception: Within employee work areas, clearances on common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

11B-403.5.1 Clear Width
Except as provided in Sections 11B-403.5.2 and 11B-403.5.3, the clear width of walking surfaces shall be 36 inches (914 mm) minimum.

FIGURE 11B-403.5.1
CLEAR WIDTH OF AN ACCESSIBLE ROUTE

11B-403.5.2 Clear Width at Turn
Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1219 mm) wide, clear width shall be 42 inches (1067 mm) minimum approaching the turn, 48 inches (1219 mm) minimum at the turn and 42 inches (1067 mm) minimum leaving the turn.

Exception: Where the clear width at the turn is 60 inches (1524 mm) minimum compliance with Section 11B-403.5.2 shall not be required.

11B-403.5.3 Passing Spaces
An accessible route with a clear width less than 60 inches (1524 mm) shall provide passing spaces at intervals of 200 feet (60,960 mm) maximum. Passing spaces shall be either: a space 60 inches (1524 mm) minimum by 60 inches (1524 mm) minimum; or, an intersection of two walking surfaces providing a T-shaped space complying with Section 11B-304.3.2 where the base and arms of the T-shaped space extend 48 inches (1219 mm) minimum beyond the intersection.

11B-403.6 Handrails
Where handrails are provided along walking surfaces with running slopes not steeper than 1:20 they shall comply with Section 11B-505.

11B-403.7 Continuous Gradient
All walks with continuous gradients shall have resting areas, 60 inches (1524 mm) in length, at intervals of 400 feet (121,920 mm) maximum. The resting area shall be at least as wide as the walk. The slope of the resting area in all directions shall be 1:48 maximum.

THE ACCESSIBLE PORTION OF A SALES COUNTER, WHETHER DESIGNED FOR A FORWARD OR PARALLEL APPROACH, MUST BE 34 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. HOWEVER, IF THE COUNTER SURFACE IS LESS THAN 36 INCHES LONG, THE ENTIRE COUNTER SURFACE SHALL BE 34 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR.

CABINETS & FIXTURES REPLACED LIKE FOR LIKE

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS PROJECT HAS BEEN REVIEWED FOR COMPLIANCE WITH THE AMERICAN DISABILITY ACT AND THE ADA AS ADOPTED BY THE STATE OF CALIFORNIA AND APPROVED BY THE JURISDICTION PLAN REVIEW ACCEPTANCE OF ANY FEDERAL, STATE AND LOCAL REGULATION BY DATE: 12/06/2023
THIS SET OF THE PLAN AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND NO ALTERATIONS TO THE PLAN OR SPECIFICATIONS SHALL BE MADE WITHOUT THE WRITTEN PERMISSION FROM THE CITY/COUNTY OF ENGINEER. IF NOT PERMITTED, FINAL APPROVAL IS DENIED BY ALL APPLICABLE DEPARTMENTS.

PREPARED BY:



**EVERETT SMITH
DESIGNS**

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Everett Smith

Email: everett@everettsmithdesigns.com
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PROJECT:

**227 N D ST. - EARLY CHILDHOOD
LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:

227 N D St suite A,
Perris, CA 92570

CLIENT NAME:

CITY OF PERRIS

Interior Elevations

Project number 21-2155

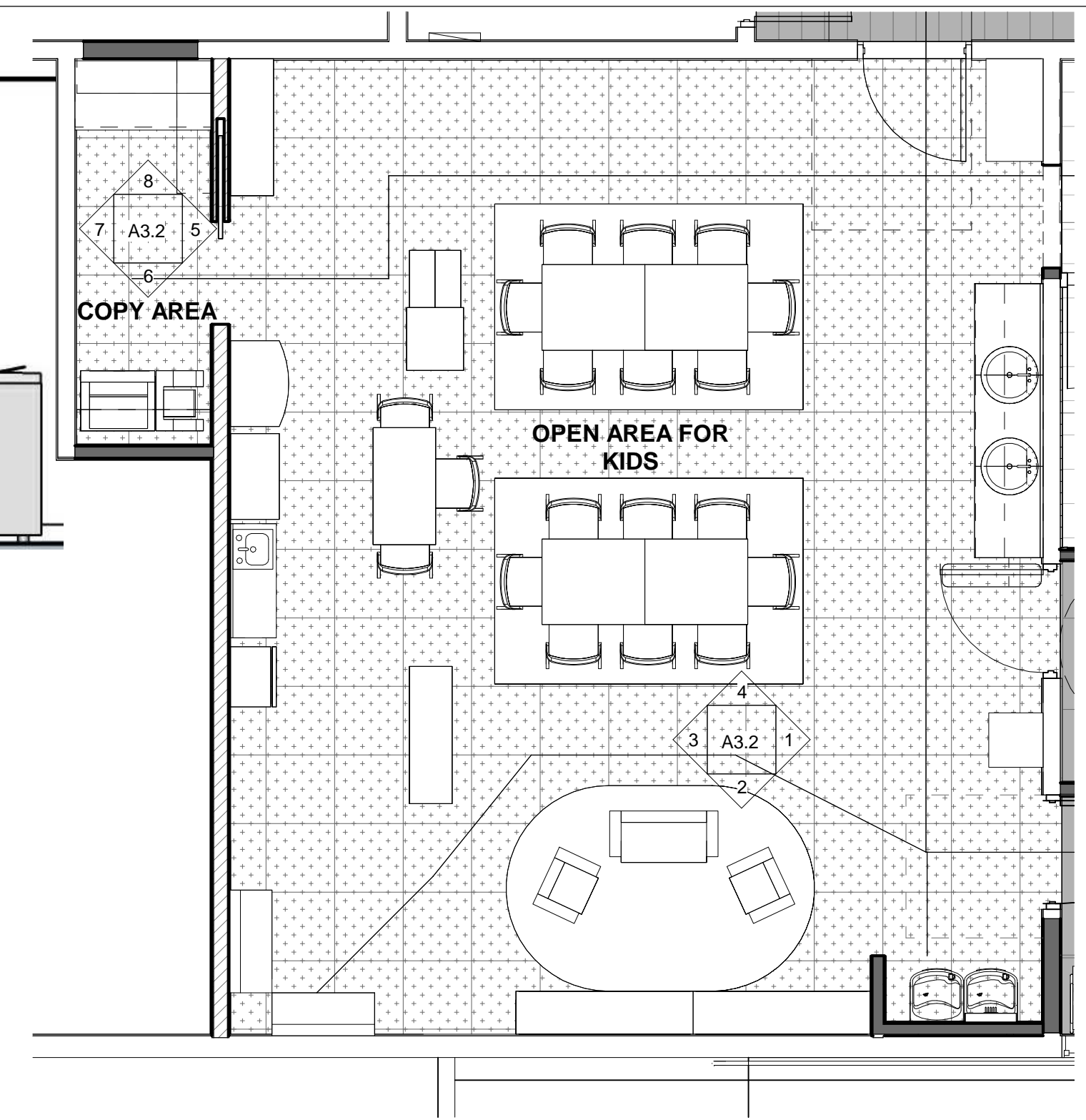
Date 12/4/2023 8:48:24 AM

Drawn by Author

Checked by Checker

A3.2

Scale As indicated



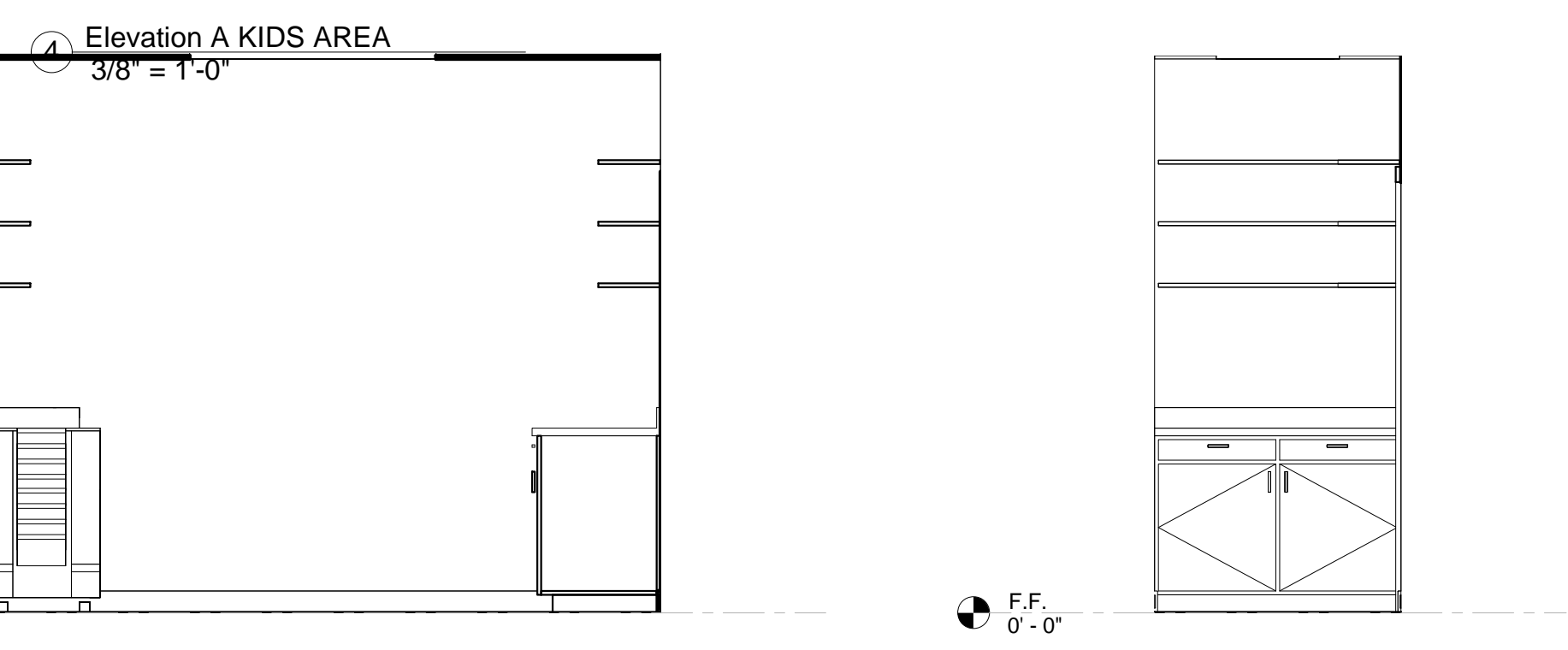
9 ELEVATION KEYPLAN #2
1/4" = 1'-0"



2 ELEVATION C KIDS AREA
3/8" = 1'-0"

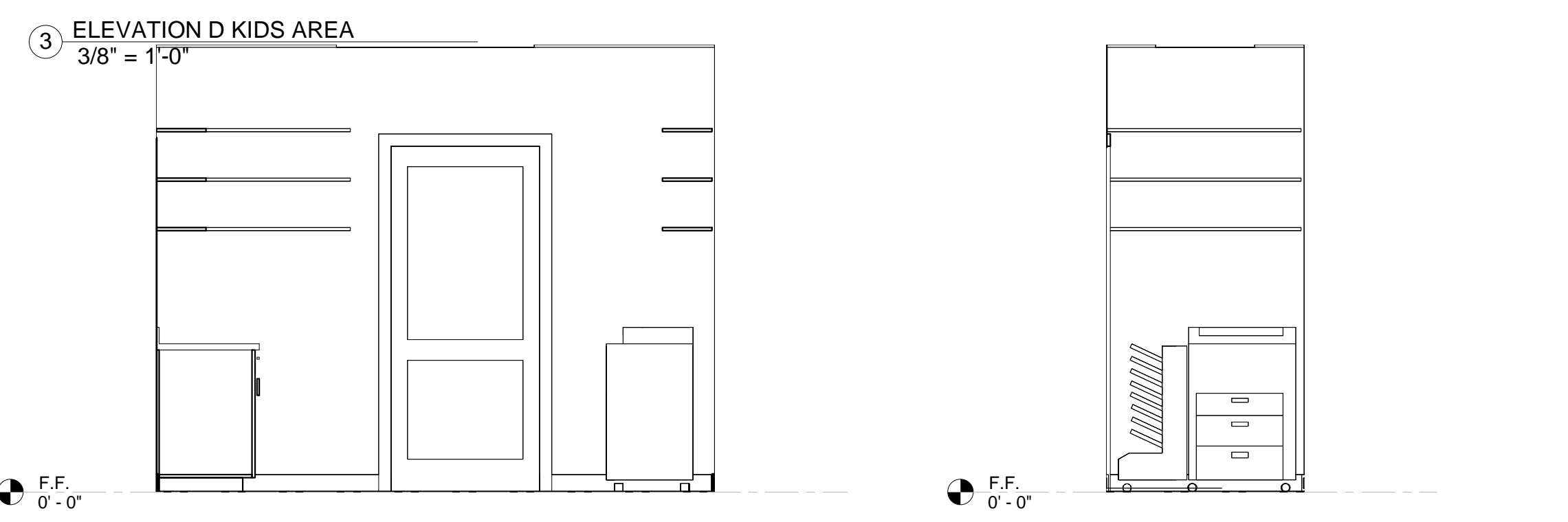
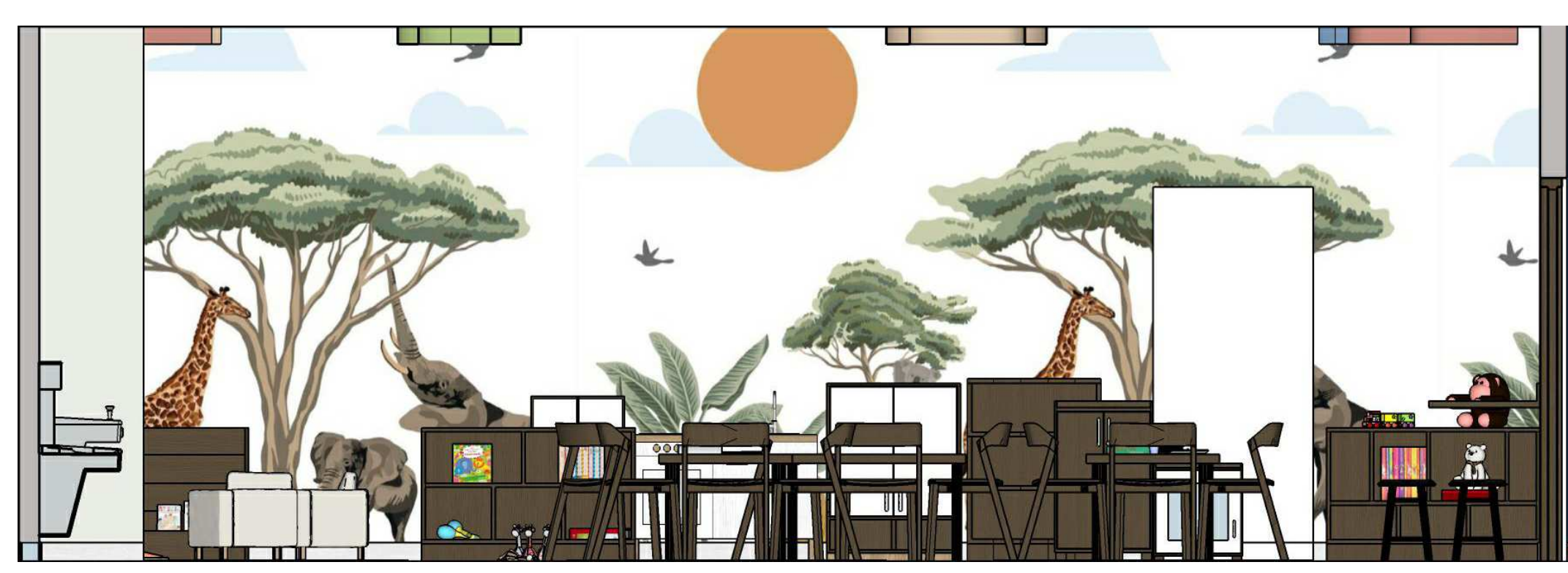


1 ELEVATION B KIDS AREA
3/8" = 1'-0"



7 Elevation 31
3/8" = 1'-0"

8 Elevation 32
3/8" = 1'-0"



5 Elevation 29
3/8" = 1'-0"

6 Elevation 30
3/8" = 1'-0"

PREPARED BY:



**EVERETT SMITH
DESIGNS, INC**

RIVERSIDE COUNTY, CA
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Everett Smith

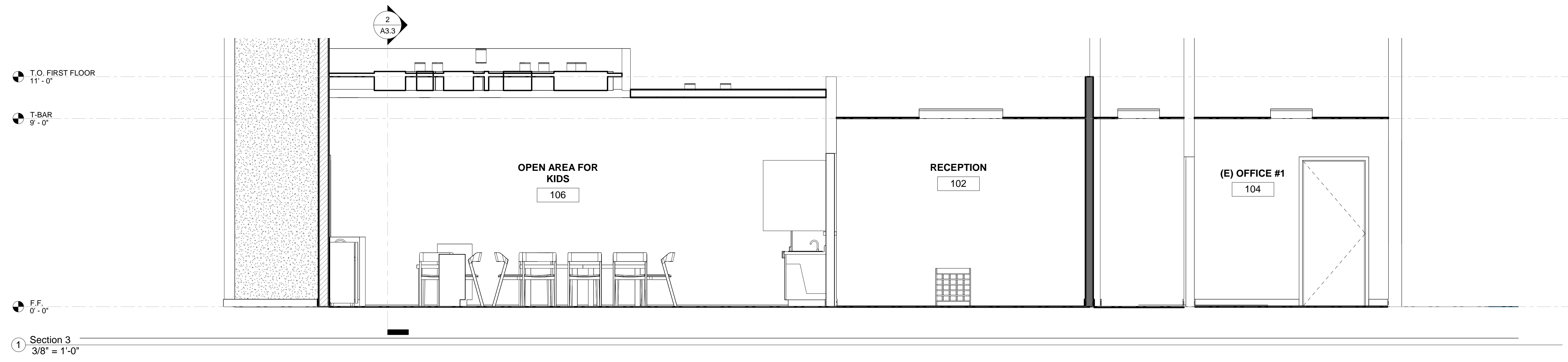
Email: everett@everettsmithdesigns.com
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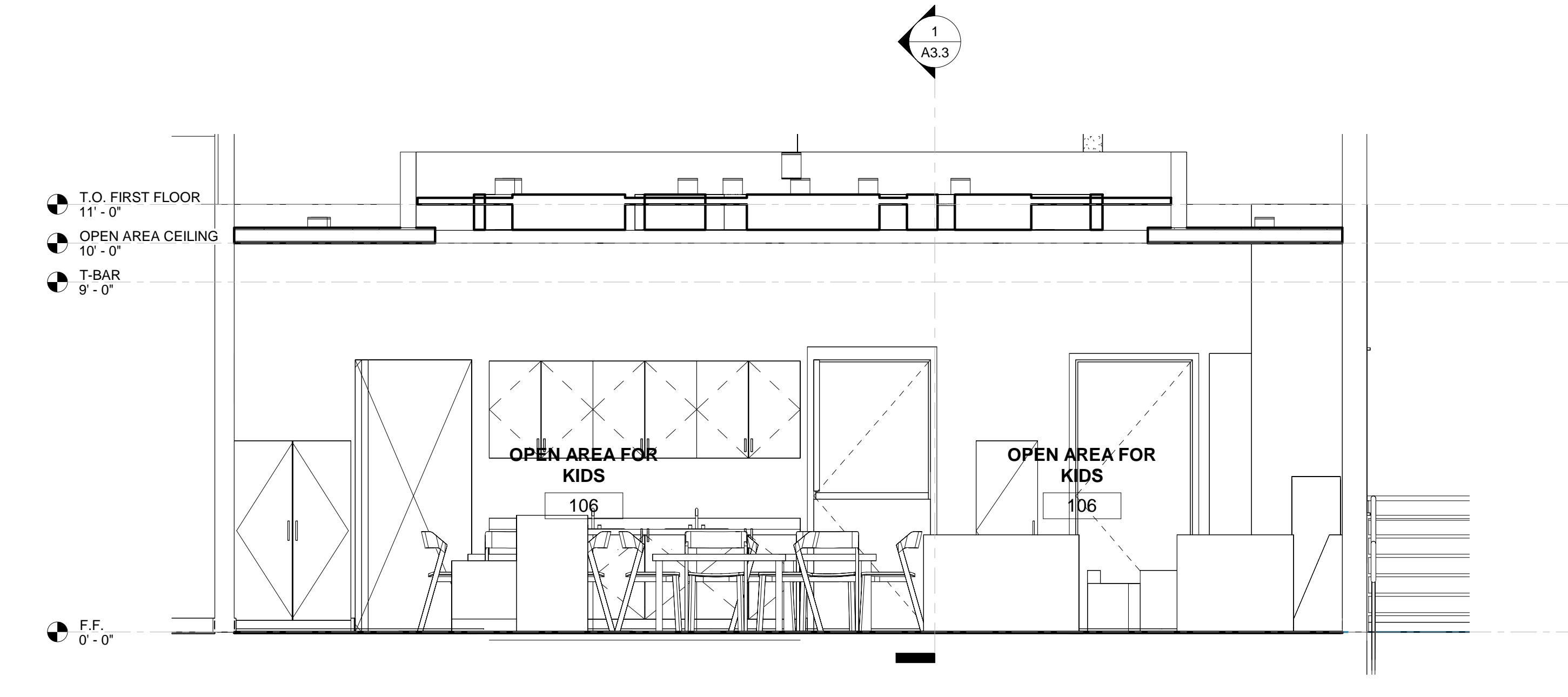
101 N. D STREET
PERRIS, CA

PROJECT:
227 N D St suite A,
Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**



① Section 3
3/8" = 1'-0"



② Section 4
3/8" = 1'-0"

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS PLAN REVIEW APPROVAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND AGREED BY THE JURISDICTION. PLAN REVIEW ACCEPTANCE OF CALIFORNIA AND AGREED AUTHORITY.
DATE: 12/06/2023
THIS SET OF PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND TO BE RELEASED TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY, COUNTY OR STATE. THIS IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:
227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

Sections

Project number 21-2155
Date 12/4/2023 8:48:27 AM
Drawn by Author
Checked by Checker

A3.3
Scale 3/8" = 1'-0"

11B-603.1 GENERAL
TOILET AND BATHING ROOMS SHALL COMPLY WITH SECTION 11B-603.

11B-603.2 CLEARANCES
CLEARANCES SHALL COMPLY WITH SECTION 11B-603.2.

11B-603.2.1 TURNING SPACE
TURNING SPACE COMPLYING WITH SECTION 11B-304 SHALL BE PROVIDED WITHIN THE ROOM.

11B-603.2.2 OVERLAP
REQUIRED CLEAR FLOOR SPACES, CLEARANCE AT FIXTURES, AND TURNING SPACE SHALL BE PERMITTED TO OVERLAP.

11B-603.2.3 DOOR SWING
DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS TO ACCESSIBLE WATER CLOSET COMPARTMENTS SHALL BE PERMITTED TO ENCR OACH INTO THE TURNING SPACE WITHOUT LIMITATION. OTHER THAN DOORS TO ACCESSIBLE WATER CLOSET COMPARTMENTS, A DOOR, IN ANY POSITION, SHALL BE PERMITTED TO ENCR OACH INTO THE TURNING SPACE BY 12 INCHES (305 MM) MAXIMUM.

11B-603.3 MIRRORS
MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES (1016 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES (889 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

11B-604.2 LOCATION
THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTER-LINE OF THE WATER CLOSET SHALL BE 17 INCHES (432 MM) MINIMUM TO 18 INCHES (457 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES (432 MM) MINIMUM AND 19 INCHES (483 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN SECTION 11B-604.8.2. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH.

11B-604.3.1 SIZE
CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1524 MM) MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES (1422 MM) MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL. A MINIMUM 60 INCHES (1524 MM) WIDE AND 48 INCHES (1219 MM) DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET.

11B-604.4 SEATS
THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES (432 MM) MINIMUM AND 19 INCHES (483 MM) MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION. SEATS SHALL BE 2 INCHES (51 MM) HIGH MAXIMUM.

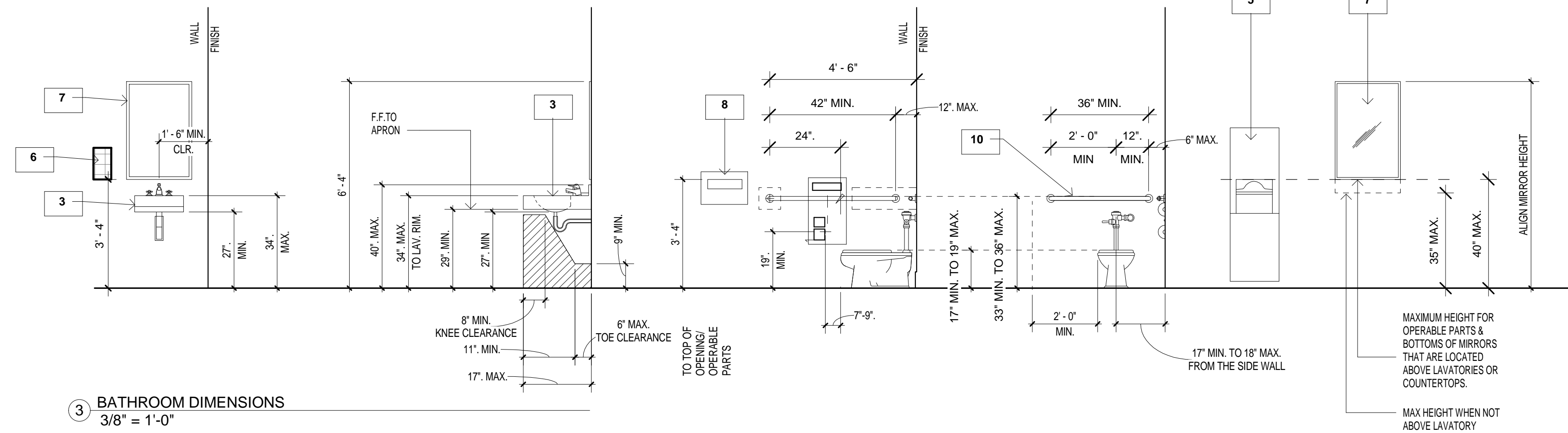
11B-604.5.1 SIDE WALL
THE SIDE WALL GRAB BAR SHALL BE 42 INCHES (1067 MM) LONG MINIMUM, LOCATED 12 INCHES (305 MM) MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES (1372 MM) MINIMUM FROM THE REAR WALL WITH THE FRONT END POSITIONED 24 INCHES (610 MM) MINIMUM IN FRONT OF THE WATER CLOSET.

11B-604.5.2 REAR WALL
THE REAR WALL GRAB BAR SHALL BE 36 INCHES (914 MM) LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES (305 MM) MINIMUM ON ONE SIDE AND 24 INCHES (610 MM) MINIMUM ON THE OTHER SIDE.

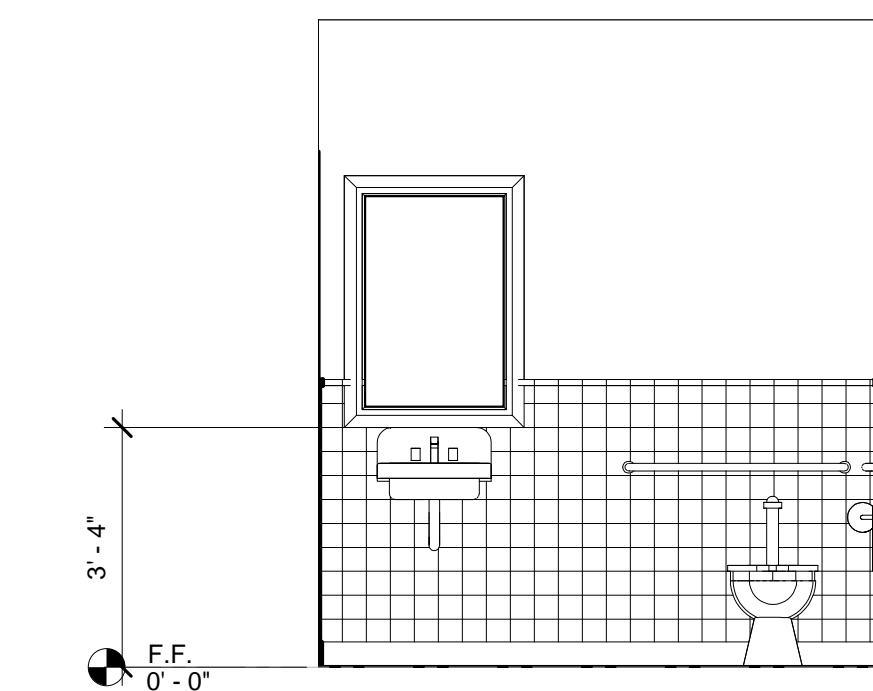
11B-604.6 FLUSH CONTROLS
FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309 EXCEPT THEY SHALL BE LOCATED 44 INCHES (1118 MM) MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 11B-604.8.2.

11B-604.7.2 DISPOSAL UNITS
SANITARY NAPKIN DISPOSAL UNITS, IF PROVIDED, SHALL COMPLY WITH SECTION 11B-309.4 AND SHALL BE WALL MOUNTED AND LOCATED ON THE SIDEWALL BETWEEN THE REAR WALL OF THE TOILET AND THE TOILET PAPER DISPENSER, ADJACENT TO THE TOILET PAPER DISPENSER. THE DISPOSAL UNIT SHALL BE LOCATED BELOW THE GRAB BAR WITH THE OPENING OF THE DISPOSAL UNIT 19 INCHES MINIMUM (483 MM) ABOVE THE FINISH FLOOR.

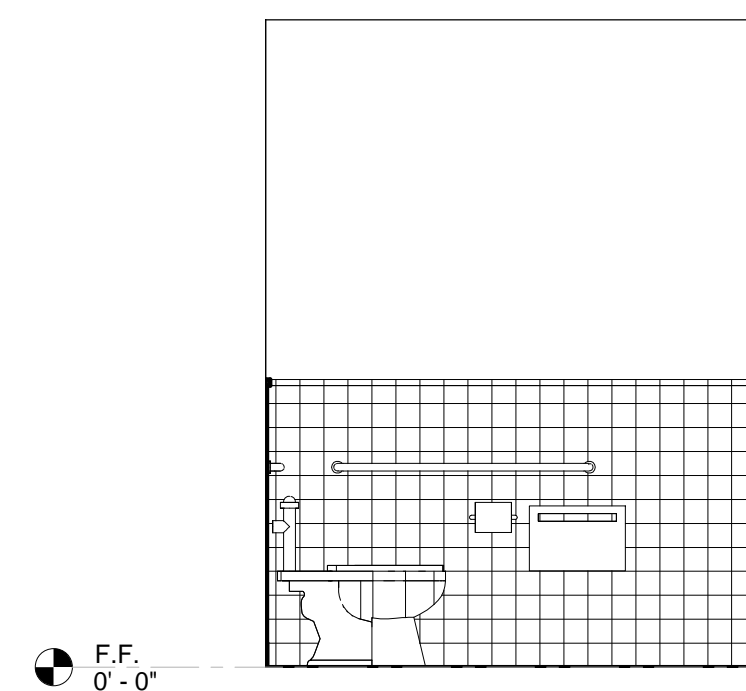
ITEM	PRODUCT	COMMENTS
1	AMERICAN STANDARD - 3451 660 MADERA 15" HEIGHT 1.6 GPF FLUSHOMETER TOILET	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
2	N/A	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
3	AMERICAN STANDARD - DECORUM 21"x20-1/4" WALL HUNG LAVATORY, 315401EG (CENTER HOLE ONLY)	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
4	AMERICAN STANDARD PARADIGM SELECTRONIC INTEGRATED PROXIMITY LAVATORY FAUCET	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
5	BOBRICK B-3979	SURFACE MOUNTED, STAINLESS STEEL
6	BOBRICK B-2013	VERIFY SPECIFICATIONS WITH CITY
7	BOBRICK B-290 2448	
8	BOBRICK B-3091 OR SIMILAR	VERIFY SPECIFICATIONS WITH CITY
9	BOBRICK B-3091 OR SIMILAR	VERIFY SPECIFICATIONS WITH CITY
10	BACK: BOBRICK (or equal) B-6806 x 36" SIDE: BOBRICK (or equal) B-6806 X 42"	STAINLESS - CONCEALED MOUNTING, 1 1/2" dim. CAPABLE OF 250 LBS LOAD MIN



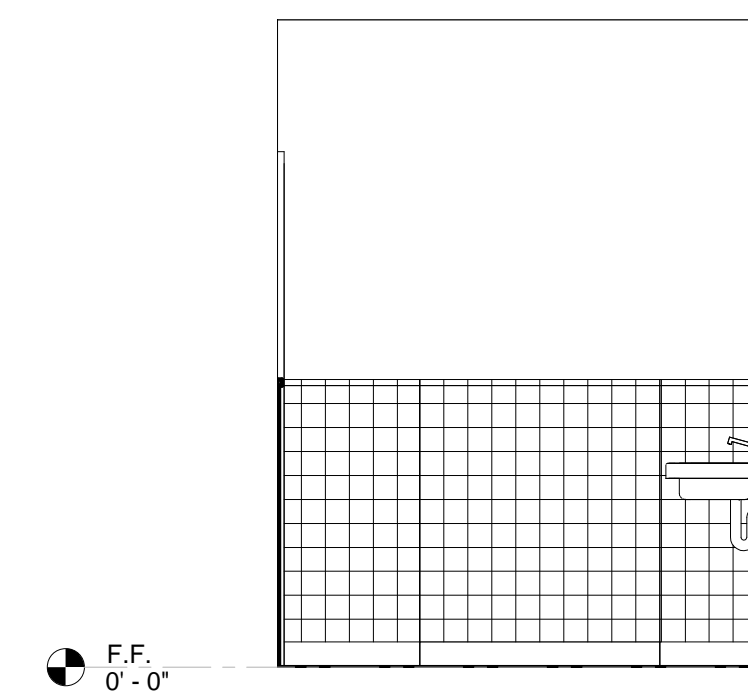
3 BATHROOM DIMENSIONS
3/8" = 1'-0"



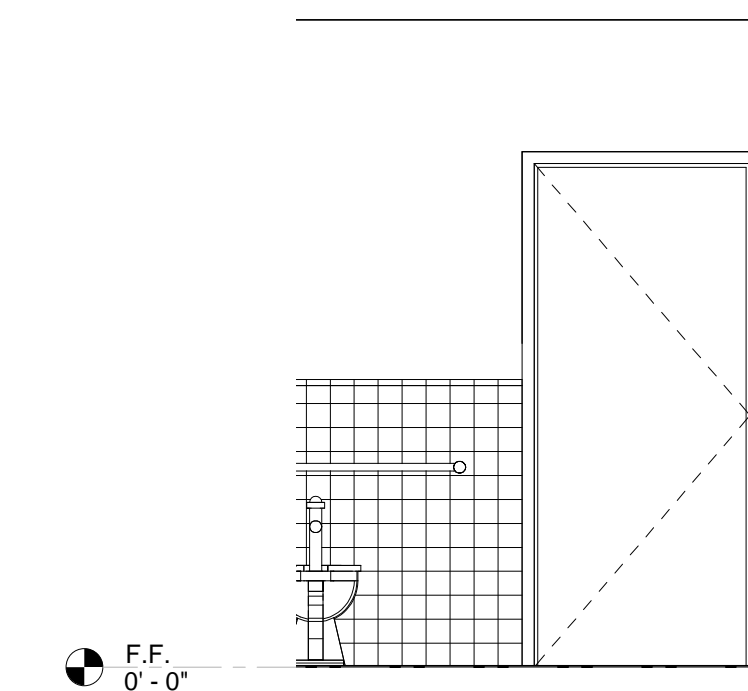
A ACCESSIBLE R.R. - "A"
3/8" = 1'-0"



B ACCESSIBLE R.R. - "B"
3/8" = 1'-0"



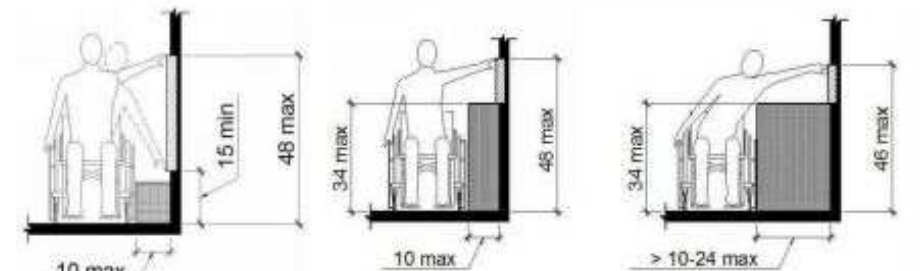
C ACCESSIBLE R.R. - "C"
3/8" = 1'-0"



D ACCESSIBLE R.R. - "D"
3/8" = 1'-0"

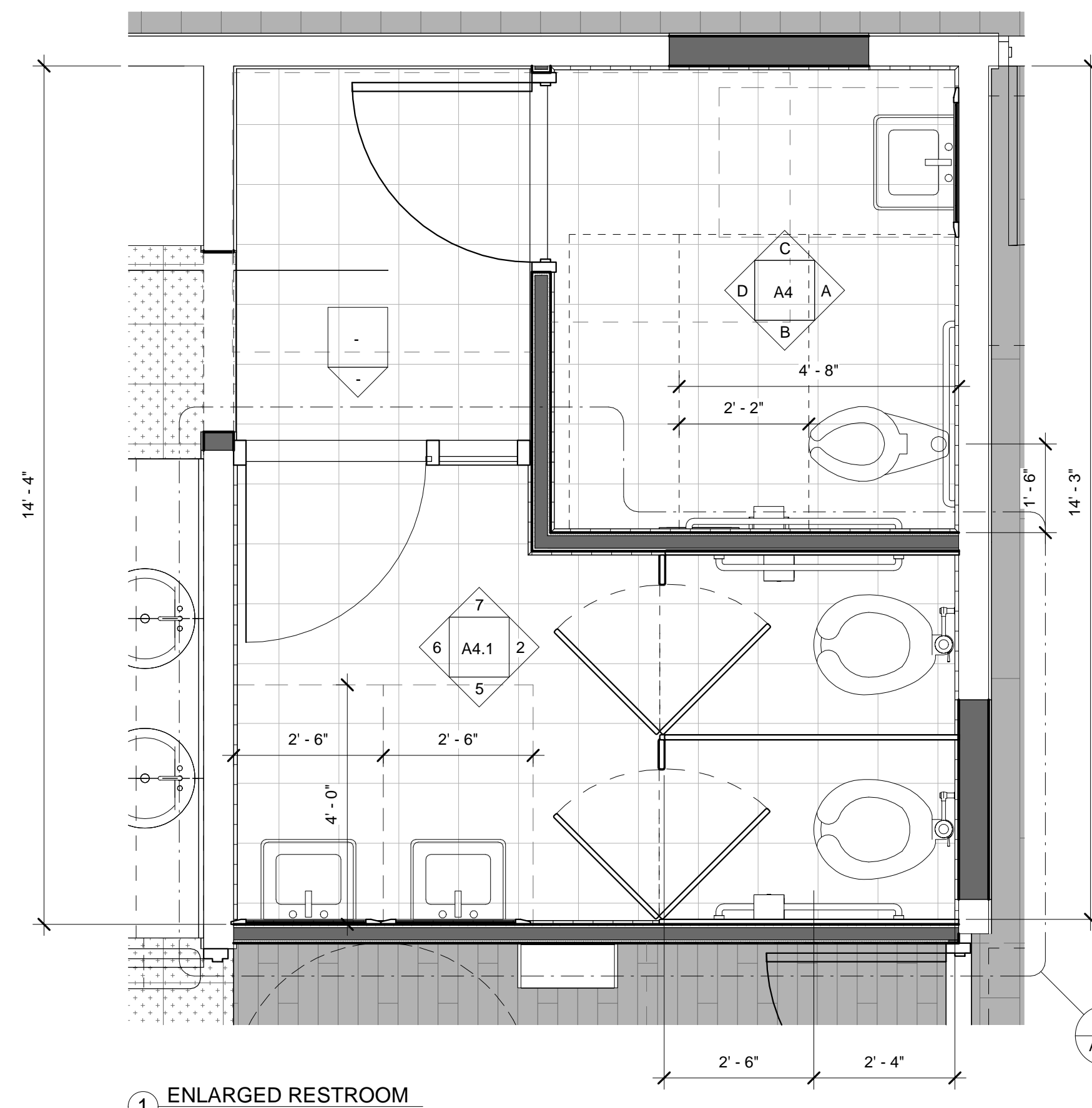
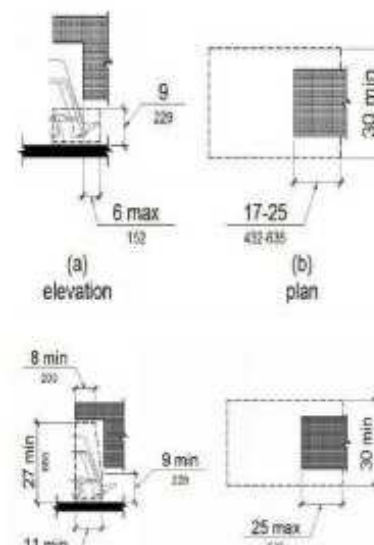
F. [11B-308] REACH RANGES

- Where forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. [11B-308.2.1]
- Where forward reach is obstructed, the high forward reach shall be 48 inches maximum where the reach depth is 20 inches maximum; the high forward reach shall be 44 inches maximum where the reach depth exceeds 20 inches and 25 inches maximum. [11B-308.2.2]
- Where side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. [11B-308.3.1]



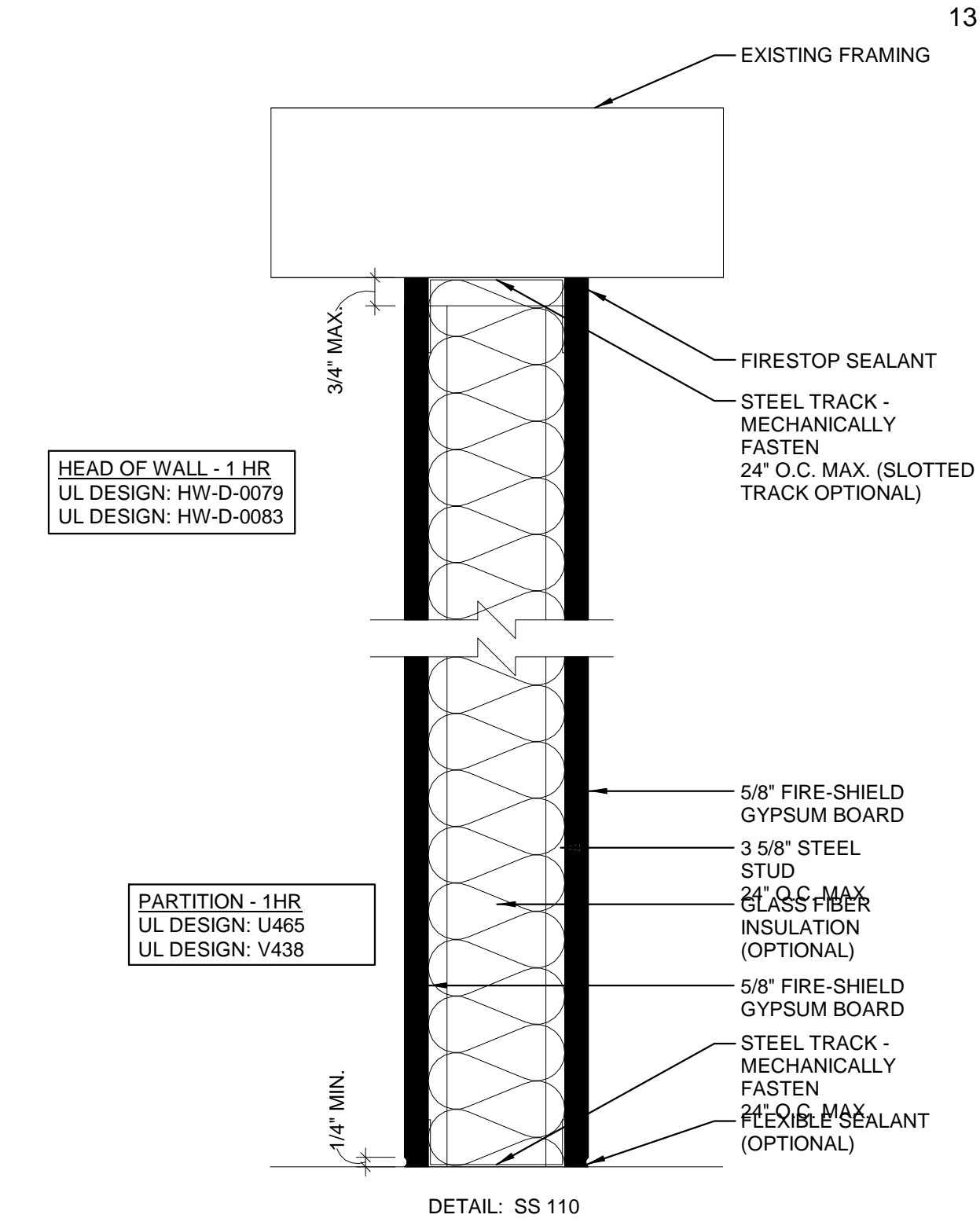
E. [11B-306] KNEE AND TOE CLEARANCE

- Toe clearance, the space under an element between the finish floor or ground and 9 inches above the finish floor or ground, shall extend 17 inches minimum deep and 25 inches maximum deep under an element and shall be 30 inches wide minimum. [11B-306.2]
- Knee clearance, the space under an element between 9 inches and 27 inches above the finish floor or ground, shall extend 25 inches maximum in depth, and shall be 11 inches deep minimum at 9 inches above the finish floor or ground and 8 inches deep minimum at 27 inches above the finish floor or ground; and shall be 30 inches wide minimum. [11B-306.3]



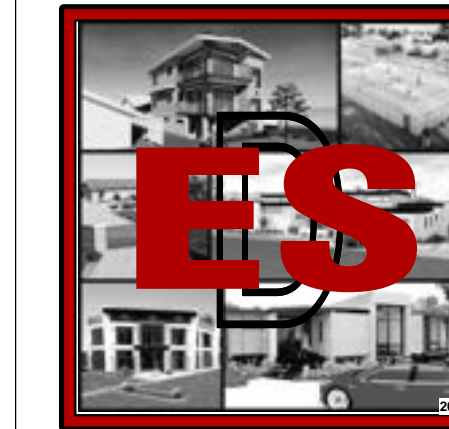
1 ENLARGED RESTROOM
1/2" = 1'-0"

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THESE PLANS/DOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUSINESS PROFESSIONS CODES AND/OR THE STATE OF CALIFORNIA AND APPROVED BY THE ARCHITECT. PLAN REVIEW APPROVAL OR CONSTRUCTION PROVIDED IN VIOLATION OF ANY FEDERAL, STATE, NOR CALIF. REGULATION. DATE: 12/26/2023
THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY. OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.



2 1-HOUR PARTITION
3\"/>

PREPARED BY:



**EVERETT SMITH
DESIGNS, INC**

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Everett Smith

Email: everett@everettsmithdesigns.com
This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Everett Smith, and is not to be used in whole or in part, for any other project without the written authorization of Everett Smith/ESDESIGNS. All Rights Reserved



101 N. D STREET
PERRIS, CA

PROJECT:

227 N D St suite A,
Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:

227 N D St suite A,
Perris, CA 92570

CLIENT NAME:

CITY OF PERRIS

Enlarged Restroom &
Elevations

Project number 21-2155

Date 12/4/2023 8:48:32 AM

Drawn by ES

Checked by ES

A4

Scale As indicated

11B-603.1 GENERAL
TOILET AND BATHING ROOMS SHALL COMPLY WITH SECTION 11B-603.

11B-603.2 CLEARANCES
CLEARANCES SHALL COMPLY WITH SECTION 11B-603.2.

11B-603.2.1 TURNING SPACE
TURNING SPACE COMPLYING WITH SECTION 11B-304 SHALL BE PROVIDED WITHIN THE ROOM.

11B-603.2.2 OVERLAP
REQUIRED CLEAR FLOOR SPACES, CLEARANCE AT FIXTURES, AND TURNING SPACE SHALL BE PERMITTED TO OVERLAP.

11B-603.2.3 DOOR SWING
DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS TO ACCESSIBLE WATER CLOSET COMPARTMENTS SHALL BE PERMITTED TO ENCR OACH INTO THE TURNING SPACE WITHOUT LIMITATION. OTHER THAN DOORS TO ACCESSIBLE WATER CLOSET COMPARTMENTS, A DOOR, IN ANY POSITION, SHALL BE PERMITTED TO ENCR OACH INTO THE TURNING SPACE BY 12 INCHES (305 MM) MAXIMUM.

11B-603.3 MIRRORS
MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES (1016 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES (889 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

11B-604.2 LOCATION
THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTER-LINE OF THE WATER CLOSET SHALL BE 17 INCHES (432 MM) MINIMUM TO 18 INCHES (457 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES (432 MM) MINIMUM AND 19 INCHES (483 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN SECTION 11B-604.8.2. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH.

11B-604.3.1 SIZE
CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES (1524 MM) MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES (1422 MM) MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL. A MINIMUM 60 INCHES (1524 MM) WIDE AND 48 INCHES (1219 MM) DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET.

11B-604.4 SEATS
THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES (432 MM) MINIMUM AND 19 INCHES (483 MM) MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION. SEATS SHALL BE 2 INCHES (51 MM) HIGH MAXIMUM.

11B-604.5.1 SIDE WALL
THE SIDE WALL GRAB BAR SHALL BE 42 INCHES (1067 MM) LONG MINIMUM, LOCATED 12 INCHES (305 MM) MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES (1372 MM) MINIMUM FROM THE REAR WALL WITH THE FRONT END POSITIONED 24 INCHES (610 MM) MINIMUM IN FRONT OF THE WATER CLOSET.

11B-604.5.2 REAR WALL
THE REAR WALL GRAB BAR SHALL BE 36 INCHES (914 MM) LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES (305 MM) MINIMUM ON ONE SIDE AND 24 INCHES (610 MM) MINIMUM ON THE OTHER SIDE.

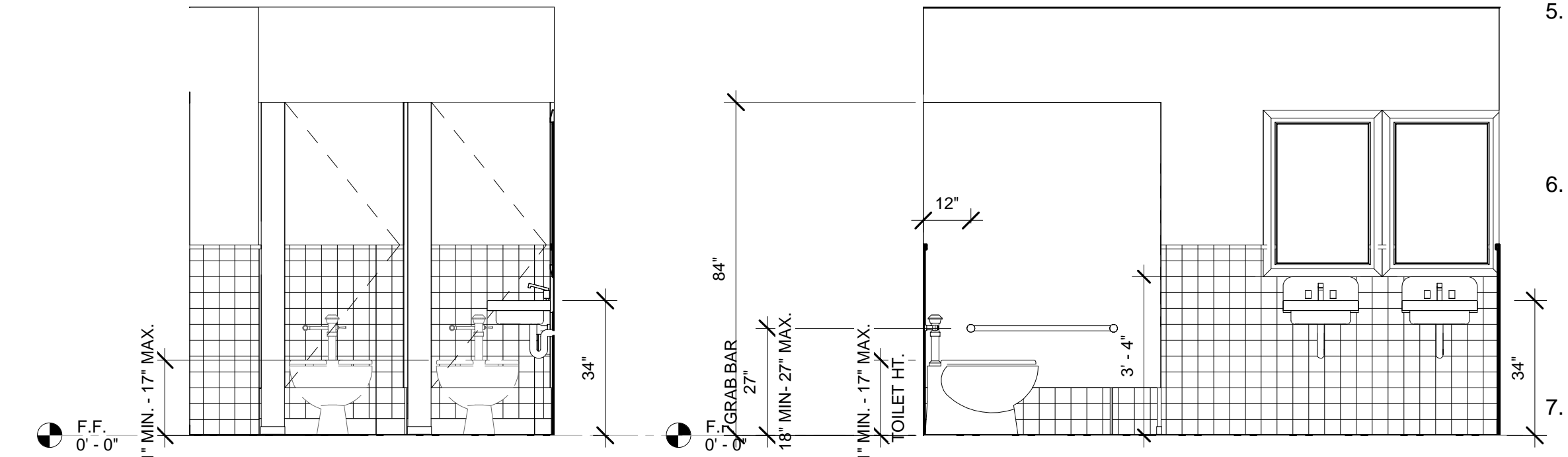
11B-604.6 FLUSH CONTROLS
FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309 EXCEPT THEY SHALL BE LOCATED 44 INCHES (1118 MM) MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 11B-604.8.2.

11B-604.7.2 DISPOSAL UNITS
SANITARY NAPKIN DISPOSAL UNITS, IF PROVIDED, SHALL COMPLY WITH SECTION 11B-309.4 AND SHALL BE WALL MOUNTED AND LOCATED ON THE SIDEWALL BETWEEN THE REAR WALL OF THE TOILET AND THE TOILET PAPER DISPENSER, ADJACENT TO THE TOILET PAPER DISPENSER. THE DISPOSAL UNIT SHALL BE LOCATED BELOW THE GRAB BAR WITH THE OPENING OF THE DISPOSAL UNIT 19 INCHES (483 MM) ABOVE THE FINISH FLOOR.

ITEM	PRODUCT	COMMENTS
1	WATER CLOSET AMERICAN STANDARD - 3451.660 MADERA 15" HEIGHT 1.6 GPF FLUSHOMETER TOILET	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
2	URINAL N/A	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
3	LAVATORY AND FAUCET (WALL MOUNTED) AMERICAN STANDARD - DECORUM 21"X20-1/4" WALL HUNG LAVATORY, 9134001EC (CENTER HOLE ONLY)	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
4	FAUCET AMERICAN STANDARD PARDIGM SELECTRONIC INTEGRATED PROXIMITY LAVATORY FAUCET	ADA ACCESSIBLE, VERIFY SPECS. WITH CITY
5	TOWEL DISPENSERS AND WASTE RECEPTACLE BOBRICK B-3979	SURFACE MOUNTED, STAINLESS STEEL
6	LIQUID SOAP DISPENSER BOBRICK B-2013	VERIFY SPECIFICATIONS WITH CITY
7	MIRROR BOBRICK B-290 2448	
8	TOILET SEAT COVER BOBRICK B-3091 OR SIMILAR	VERIFY SPECIFICATIONS WITH CITY
9	TOILET TISSUE DISPENSER BOBRICK B-3091 OR SIMILAR	VERIFY SPECIFICATIONS WITH CITY
10	GRAB BARS BACK: BOBRICK (or equal) B-6806 x 36" SIDE: BOBRICK (or equal) B-6806 X 42"	STAINLESS - CONCEALED MOUNTING, 1.1/2" dim. CAPABLE OF 250 LBS LOAD MIN

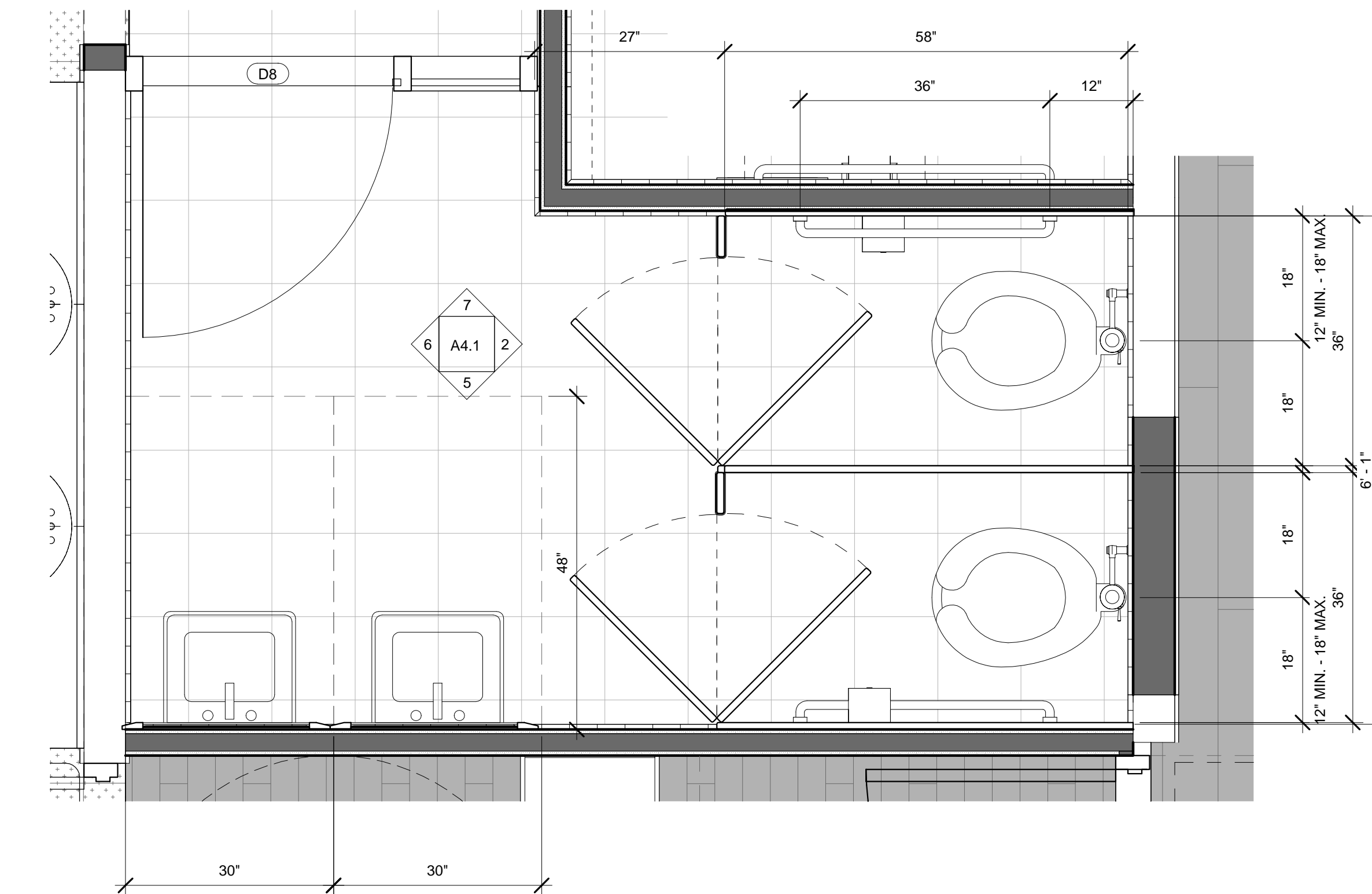
TABLE 11B-604.9
SUGGESTED DIMENSIONS FOR CHILDREN'S USE

	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12
Water Closet Centerline	12 inches (305 mm)	12 to 15 inches (305 to 381 mm)	15 to 18 inches (381 to 457 mm)
Toilet Seat Height	11 to 12 inches (279 to 305 mm)	12 to 15 inches (305 to 381 mm)	15 to 17 inches (381 to 432 mm)
Grab Bar Height	18 to 20 inches (457 to 508 mm)	20 to 25 inches (508 to 635 mm)	25 to 27 inches (635 to 686 mm)
Dispenser Height	14 inches (356 mm)	14 to 17 inches (356 to 432 mm)	17 to 19 inches (432 to 483 mm)

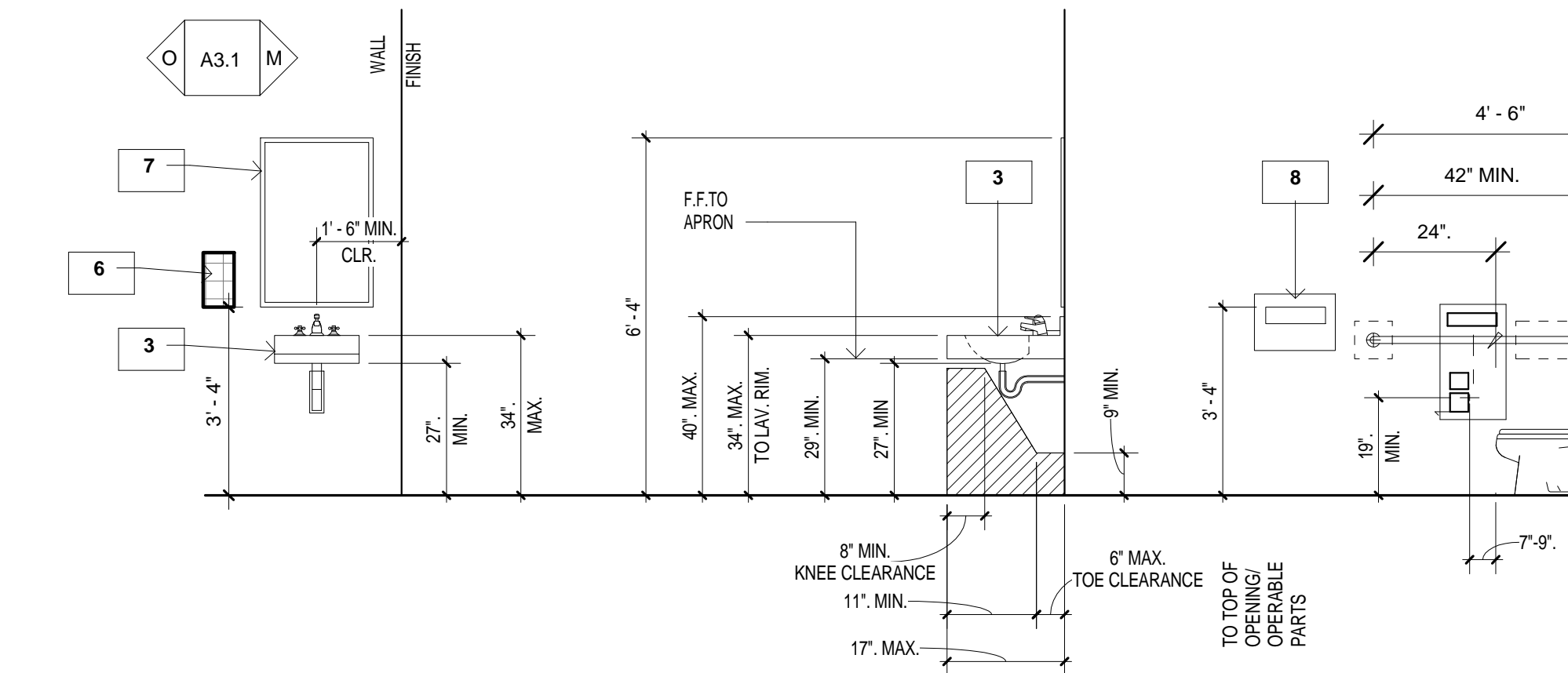


2 KID RESTROOM - "E"
3/8" = 1'-0"

5 KID RESTROOM - "F"
3/8" = 1'-0"



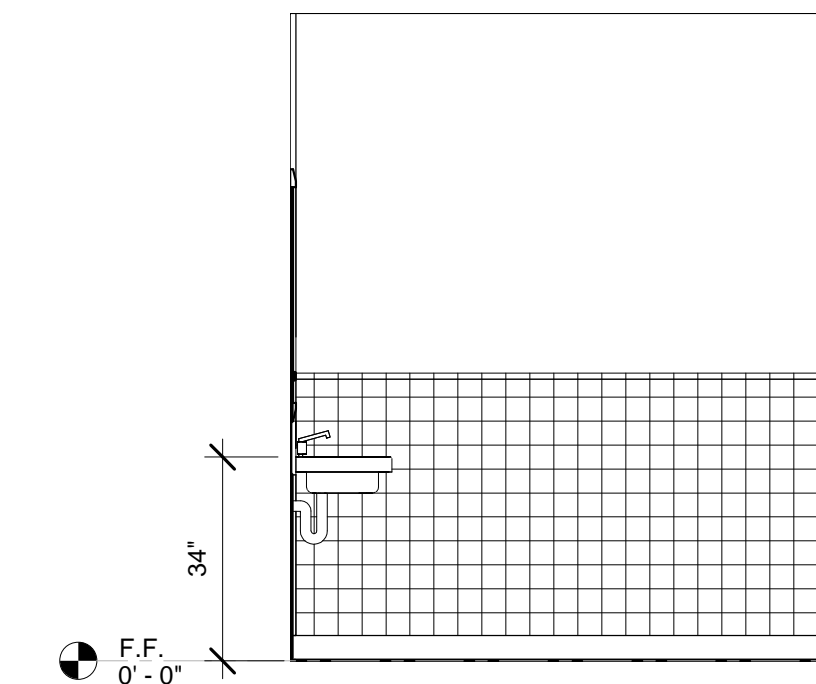
1 KIDS RESTROOM
3/4" = 1'-0"



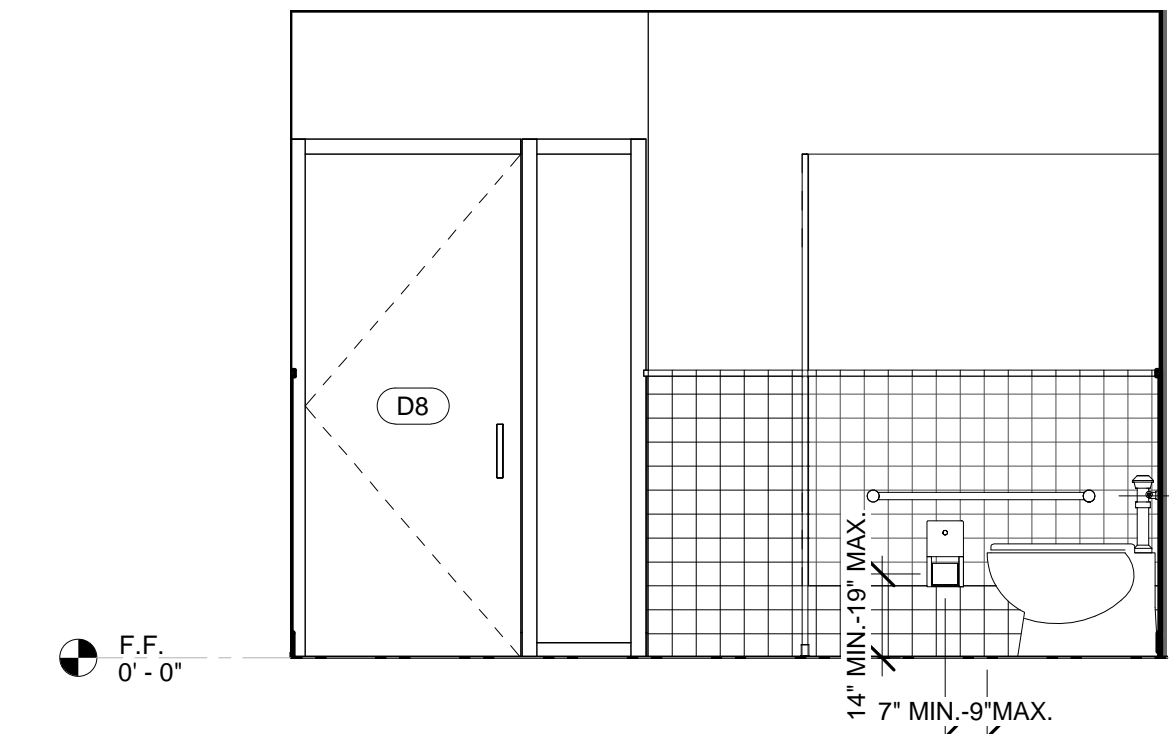
3 BATHROOM DIMENSIONS
3/8" = 1'-0"

NOTES:

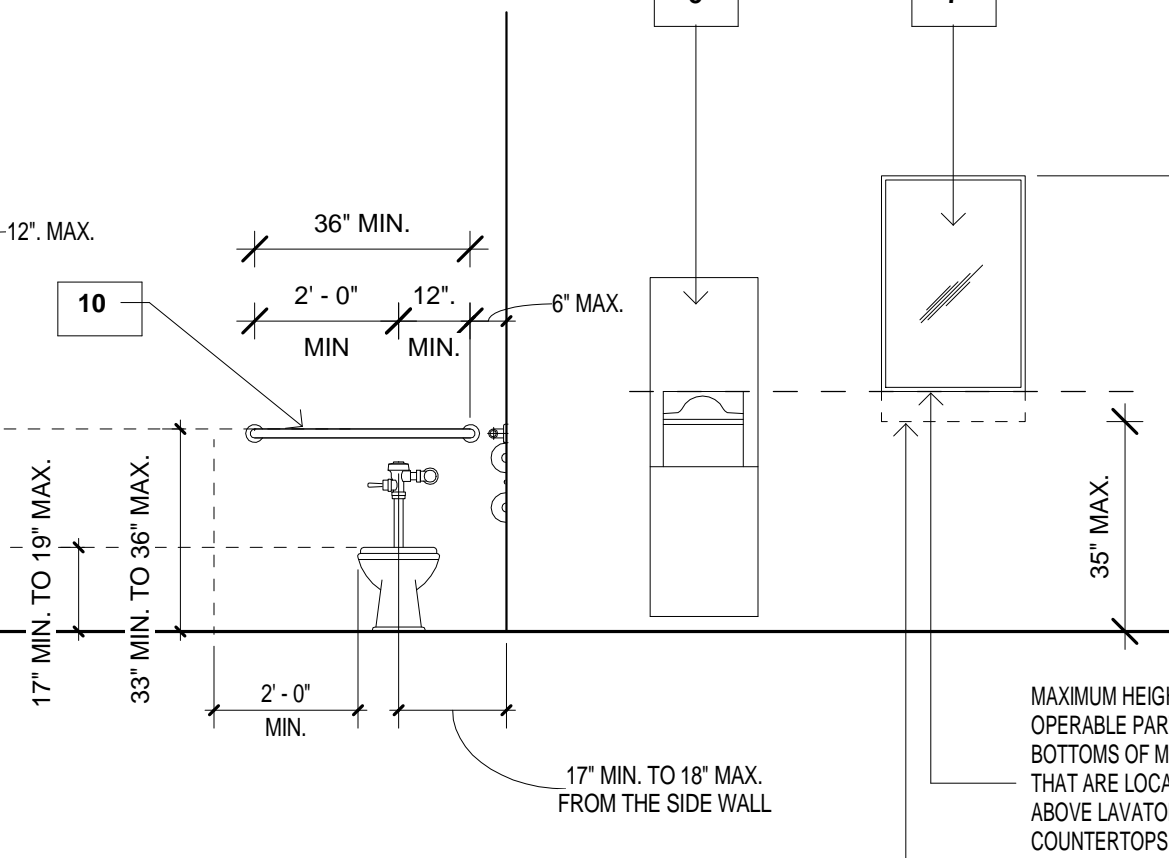
- THE WATER CLOSET SHALL BE LOCATED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 12 INCHES (305 MM) MINIMUM AND 18 INCHES (457 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES (432 MM) MINIMUM AND 19 INCHES (483 MM) MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN SECTION 11B-604.8.2. COMPARTMENTS SHALL BE ARRANGED FOR LEFT-HAND OR RIGHT-HAND APPROACH TO THE WATER CLOSET.
- 11B-604.9.2 CLEARANCE CLEARANCE AROUND A WATER CLOSET SHALL COMPLY WITH SECTION 11B-604.3.
- 11B-604.9.3 HEIGHT. THE HEIGHT OF WATER CLOSETS SHALL BE 11 INCHES (279 MM) MINIMUM AND 17 INCHES (432 MM) MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.
- 11B-604.9.4 GRAB BARS GRAB BARS FOR WATER CLOSETS SHALL COMPLY WITH SECTION 11B-604.5.
- 11B-604.9.5 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTIONS 11B-309.2 AND 11B-309.4 AND SHALL BE INSTALLED 36 INCHES (914 MM) MAXIMUM ABOVE THE FINISH FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 11B-604.8.2.
- 11B-604.9.6 DISPENSERS. TOILET PAPER DISPENSERS SHALL COMPLY WITH SECTION 11B-309.4 AND SHALL BE 7 INCHES (178 MM) MINIMUM AND 9 INCHES (229 MM) MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE 14 INCHES (356 MM) MINIMUM AND 19 INCHES (483 MM) MAXIMUM ABOVE THE FINISH FLOOR. THERE SHALL BE A CLEARANCE OF 11/2 INCHES (38 MM) MINIMUM BELOW THE GRAB BAR. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW.
- 11B-604.9.7 TOILET COMPARTMENTS. TOILET COMPARTMENTS SHALL COMPLY WITH SECTION 11B-604.8.



6 KID RESTROOM - "G"
3/8" = 1'-0"

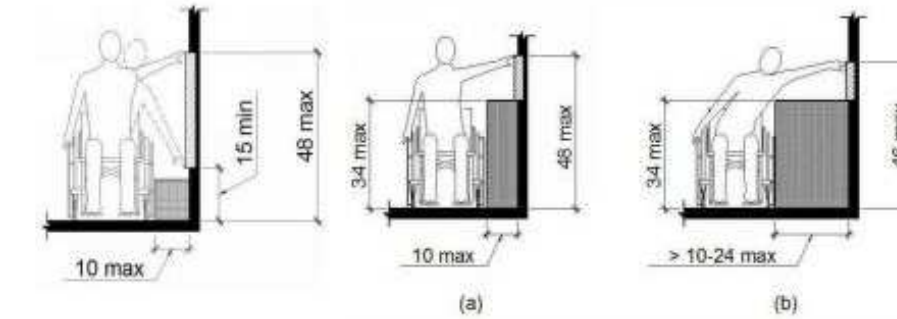


7 KID RESTROOM - "H"
3/8" = 1'-0"



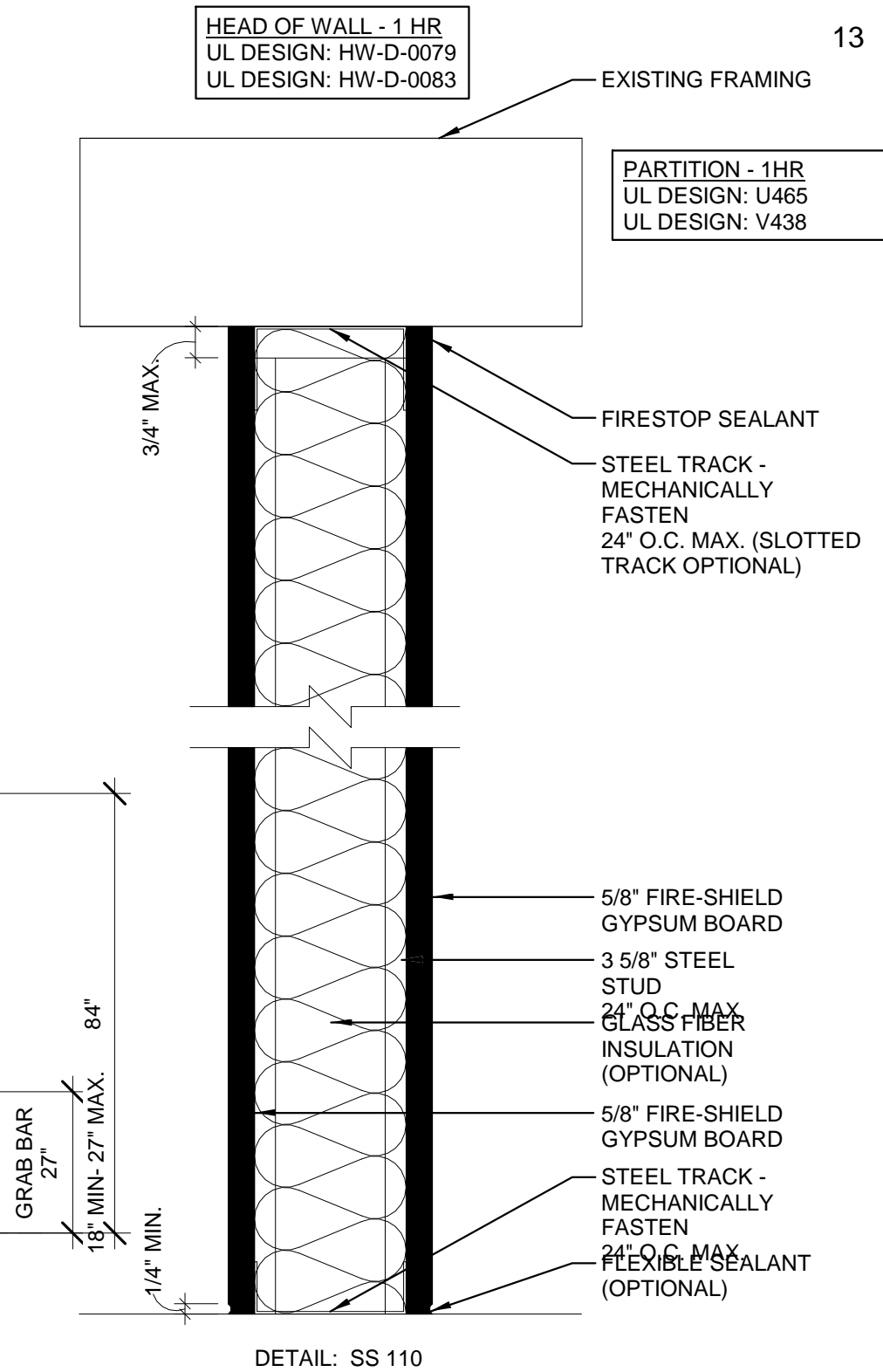
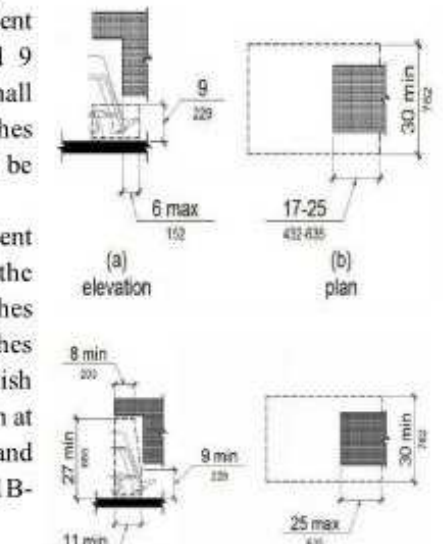
F. [11B-308] REACH RANGES

- Where forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. [11B-308.2.1]
- Where forward reach is obstructed, the high forward reach shall be 48 inches maximum where the reach depth is 20 inches maximum; the high forward reach shall be 44 inches maximum where the reach depth exceeds 20 inches and 25 inches maximum. [11B-308.2.2]
- Where side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. [11B-308.3.1]



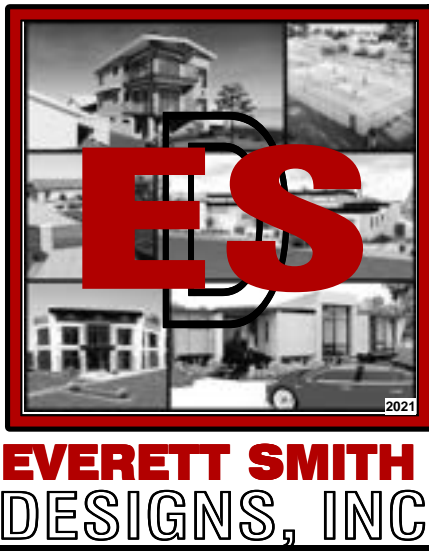
E. [11B-306] KNEE AND TOE CLEARANCE

- Toe clearance, the space under an element between the finish floor or ground and 9 inches above the finish floor or ground, shall extend 17 inches minimum deep and 25 inches maximum deep under an element and shall be 30 inches wide minimum. [11B-306.2]
- Knee clearance, the space under an element between 9 inches and 27 inches above the finish floor or ground, shall extend 25 inches maximum in depth, and shall be 11 inches deep minimum at 9 inches above the finish floor or ground and 8 inches deep minimum at 27 inches above the finish floor or ground; and shall be 30 inches wide minimum. [11B-306.3]



4 1-HOUR PARTITION 2
3" = 1'-0"

PREPARED BY:



EVERETT SMITH
DESIGNS, INC.
RIVERSIDE COUNTY, CA
TEL: 951-323-2187
Email: everett@everettsmithdesigns.com



101 N. D STREET
PERRIS, CA

PROJECT:
227 N D St suite A,
Perris, CA 92570

227 N D ST. - EARLY
CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:
227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

Enlarged Kids
Restroom & Elevations

Project number 21-2155
Date 12/4/2023 8:48:37 AM
Drawn by Author
Checked by Checker

A4.1

Scale As indicated

09 51 00 ACOUSTICAL CEILINGS		
CODE	SPECIFICATION	DESCRIPTION
ACT-1	09 51 00	MANUFACTURER: ARMSTRONG SERIES: ULTIMA ITEM #: 1943 EDGE: ANGLED TEGULAR 15/16 SIZE: 24" X 48" X 3/4" COLOR: FACTORY FINISH - WHITE GRID: 15/16" ARMSTRONG 7500 EXPOSED T-GRID SYSTEM - ...
ACT-2	09 51 00	MANUFACTURER: ARMSTRONG SERIES: ULTIMA ITEM #: 1940 EDGE: ANGLED TEGULAR 15/16 COLOR: FACTORY FINISH - WHITE GRID: 15/16" ARMSTRONG 7500 EXPOSED T-GRID SYSTEM - ...
GB-1		MANUFACTURER: GYPSUM BOARD

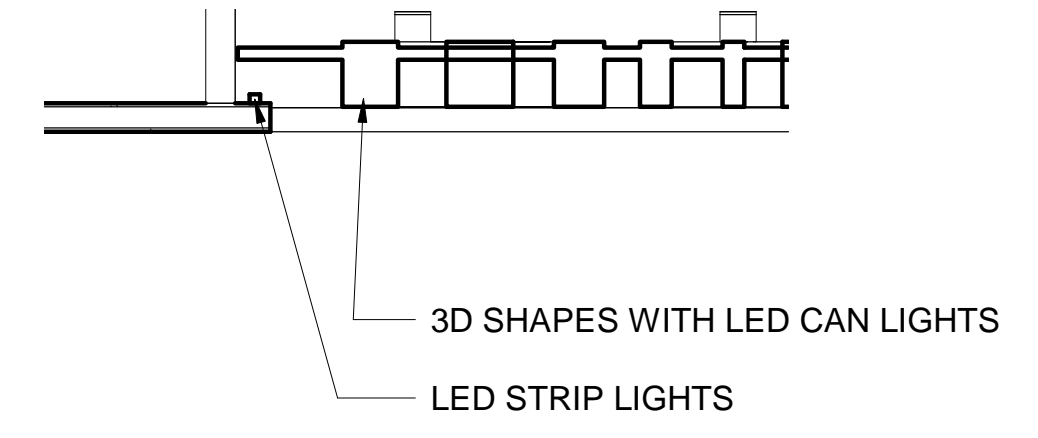
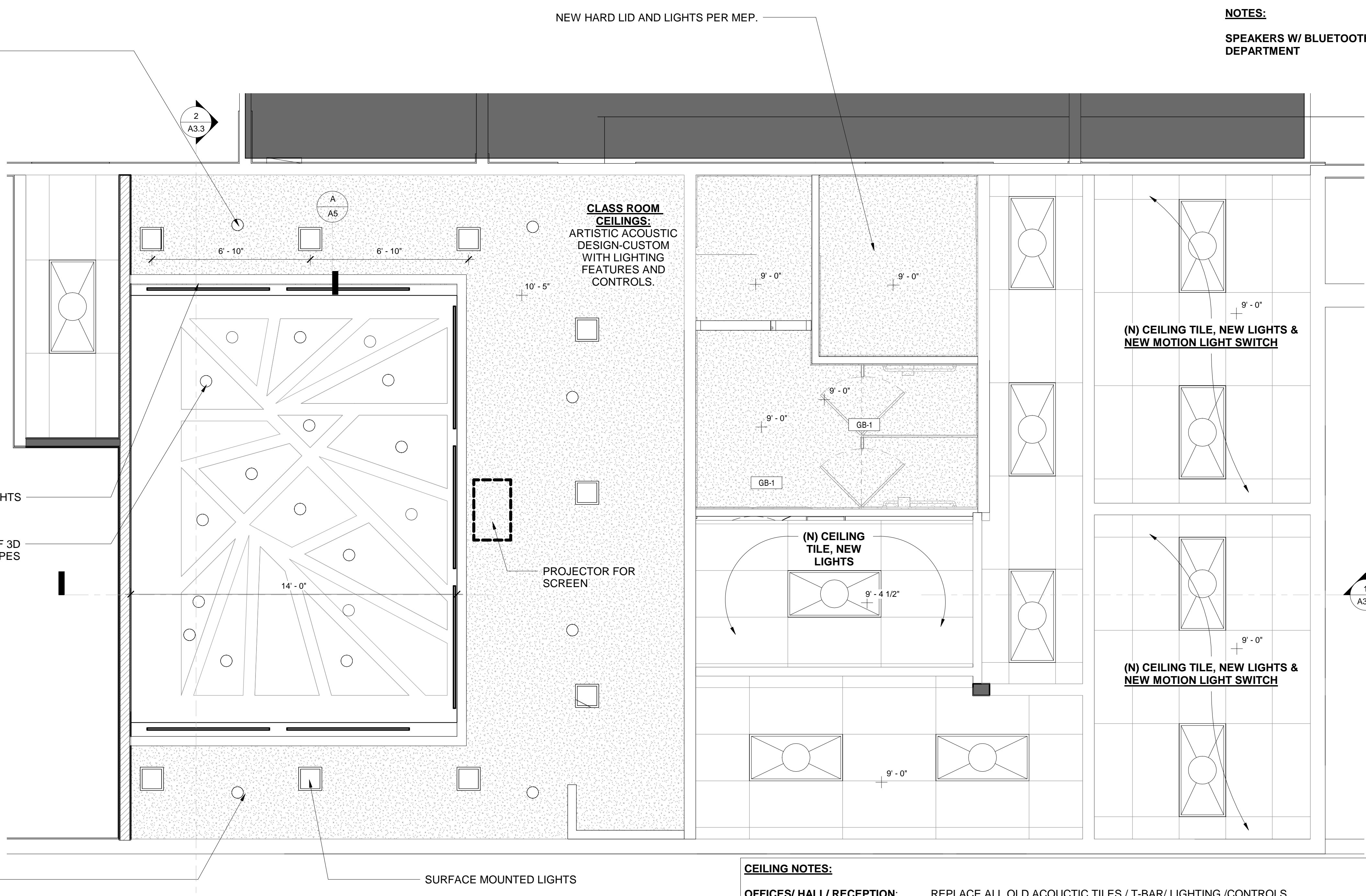


3 CEILING DETAIL
1" = 1'-0"

LEGEND

- ACT-1: 2'-0" x 4'-0" SUSPENDED ACOUSTICAL GRID PANELS PER ROOM FINISH SCHEDULE
- PLASTIC LAMINATE SOFFIT
- + X'-X": HEIGHT OF CEILING / SOFFIT
- EXIT SIGNAGE PER ELECTRICAL DRAWINGS
- SUPPLY AIR DIFFUSER (SEE MECH. PLANS)
- RETURN AIR DIFFUSER(SEE MECH. PLANS)
- A.C.T. LIGHTING: LIGHT FIXTURES PER ELECT. DWGS. "WM" DESIGNATES WALL-MOUNTED & "UC" DESIGNATES UNDER-CABINET SHADED FIXTURE SYMBOLS INDICATE FIXTURE IS CONNECTED TO THE LIFE SAFETY SYSTEM
- CAN LIGHT
- LED STRIP LIGHT
- LETTER LIGHT
- 1x1 SURFACE LIGHT

NOTES:
SPEAKERS W/ BLUETOOTH TO BE INSTALLED BY I.T. DEPARTMENT



A SOFFIT DETAIL "A"
3/8" = 1'-0"

1 NEW R.C.P.
3/8" = 1'-0"

CEILING NOTES:
OFFICES/ HALL/ RECEPTION: REPLACE ALL OLD ACOUCTIC TILES / T-BAR/ LIGHTING /CONTROLS
OPEN CLASSROOM: ARTISTIC ACOUSTIC DESIGN - CUSTOM WITH LIGHTING FEATURES AND CONTROLS

NOTE:
ALL ACOUSTIC TILE, T-BAR. LIGHTING,CONTROLS ARE NEW AS PER CITY REQUIRED.

*****OCCUPANCY SENSOR SWITCHES INSTALLED IN ALL ROOMS, EXISTING AND NEW**

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS PLAN REVIEW APPROVAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND AGREED BY THE JURISDICTION. PLAN REVIEW ACCEPTANCE OF ANY FEDERAL, STATE, AND LOCAL REGULATION BY DATE: 12/06/2023.
THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND BE AVAILABLE TO BE REVIEWED OR ALTERED WITHOUT PERMISSION FROM THE CITY. COUNCIL OR STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

PREPARED BY:

EVERETT SMITH DESIGNS, INC
RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Project Address:
227 N D St suite A,
Perris, CA 92570

227 N D ST. - EARLY CHILDHOOD LEARNING

REVISIONS:

No.	Description	Date
1	A3.3	

PROJECT ADDRESS:
227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

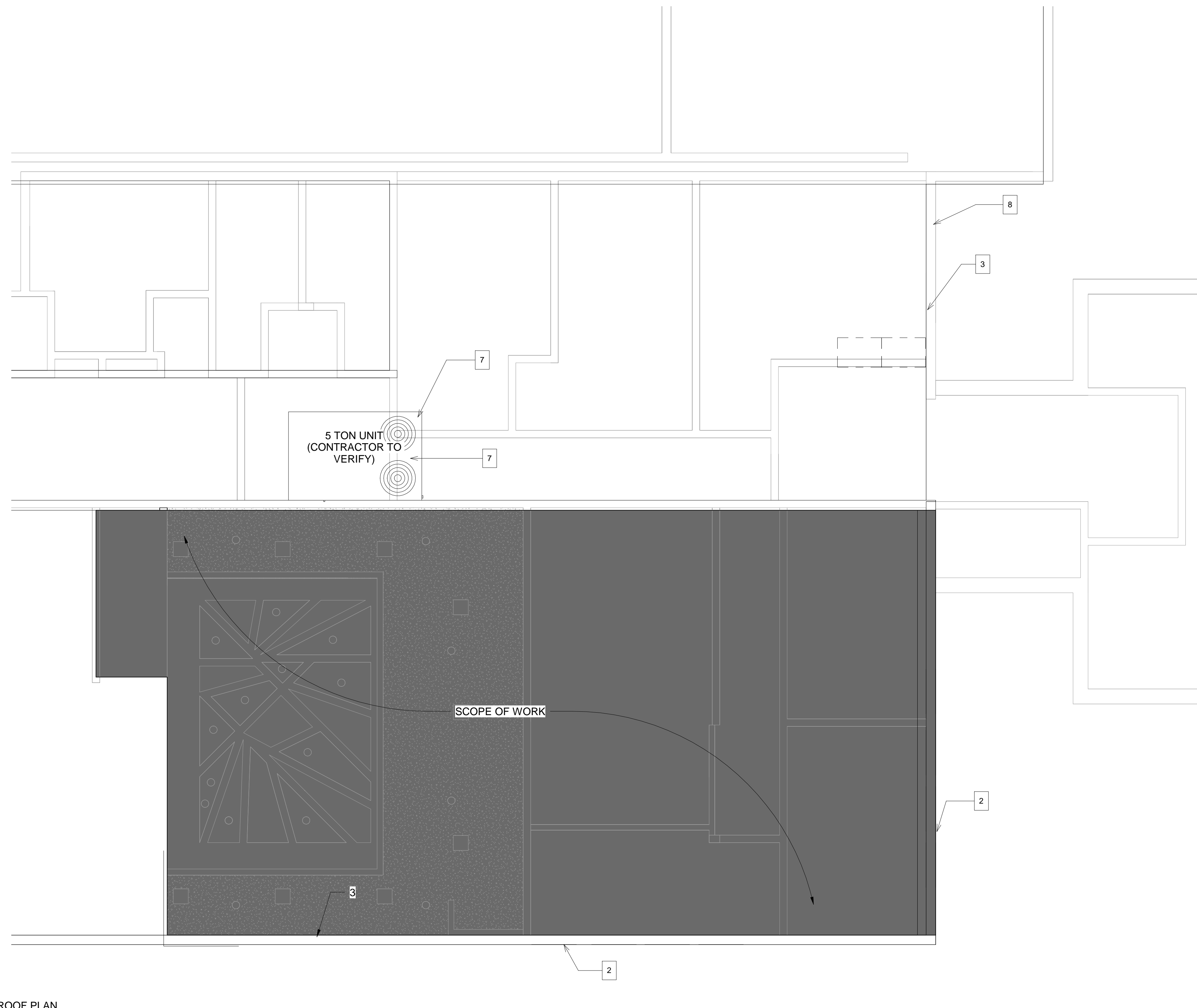
Proposed R.C.P.

Project number: 21-2155
Date: 12/4/2023 8:48:42 AM
Drawn by: ES
Checked by: ES

A5
Scale: As indicated

ROOF NOTES

1. FLAT ROOF WITH CLASS 'A' THROUGHOUT
2. BUILDING LINE BELOW
3. PARAPET
4. CRICKET WITH 5/8" PLYWOOD WITH MINIMUM SLOPE OF 3/8" PER FOOT TYPICAL.
5. (E) ROOF DRAIN OVERFLOW
6. MECHANICAL PLATFORM. FOR SIZE, CONSULT MECHANICAL DRAWINGS.
7. AC UNITS
8. ROOF ACCESS LADDER



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

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE PLANS/DETAILS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HEREBY THE JURISDICTION PLAN REVIEW ACCEPTANCE OF CALIFORNIA HAS BEEN AUTHORIZED.
 DATE: 12/06/2023
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PREPARED BY:



**EVERETT SMITH
DESIGNS, INC**

RIVERSIDE COUNTY, CA
TEL: 951-323-2187

Everett Smith
Email: everett@everettsmithdesigns.com

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101 N. D STREET
PERRIS, CA

PROJECT:

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Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:

227 N D St suite A,
Perris, CA 92570

CLIENT NAME:

CITY OF PERRIS

(E) Roof Plan

Project number 21-2155

Date 12/4/2023 8:48:44 AM

Drawn by ES

Checked by ES

A6

Scale As indicated



PREPARED BY:



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DESIGNS, INC**

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101 N. D STREET
PERRIS, CA

PROJECT:
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Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:

227 N D St suite A,
Perris, CA 92570

CLIENT NAME:

CITY OF PERRIS

Interior Renderings

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS SET OF PLANS HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HEREBY APPROVED FOR CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, AND LOCAL REGULATION BY: [Signature] DATE: 12/06/2023
THIS SET OF PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND NO ALTERATIONS OR CHANGES TO THESE PLANS ARE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT OR ENGINEER.

Project number 21-2155

Date 12/4/2023 8:48:46 AM

Drawn by Author

Checked by Checker

A7

Scale



True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE ARCHITECTURAL DRAWINGS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HEREBY THE JURISDICTION, PLAN REVIEW ACCEPTANCE OF CALIFORNIA AND AUTHORITY OF CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, AND LOCAL REGULATION IN THE CITY OF PERRIS, CALIFORNIA, DATE: 12/06/2023.
 THIS SET OF FINAL AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES. ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY OCCUPANCY OR STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

PREPARED BY:



**EVERETT SMITH
DESIGNS, INC**

RIVERSIDE COUNTY, CA
 TEL: 951-323-2187

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101 N. D STREET
 PERRIS, CA

PROJECT:
 227 N D St suite A,
 Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

PROJECT ADDRESS:
 227 N D St suite A,
 Perris, CA 92570

CLIENT NAME:
 CITY OF PERRIS

Interior Renderings

Project number: 21-2155
 Date: 12/4/2023 8:48:47 AM
 Drawn by: Author
 Checked by: Checker

A7.1

Scale



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101 N. D STREET
PERRIS, CA

PROJECT:
227 N D St suite A,
Perris, CA 92570

**227 N D ST. - EARLY
CHILDHOOD LEARNING**

REVISIONS:

No.	Description	Date

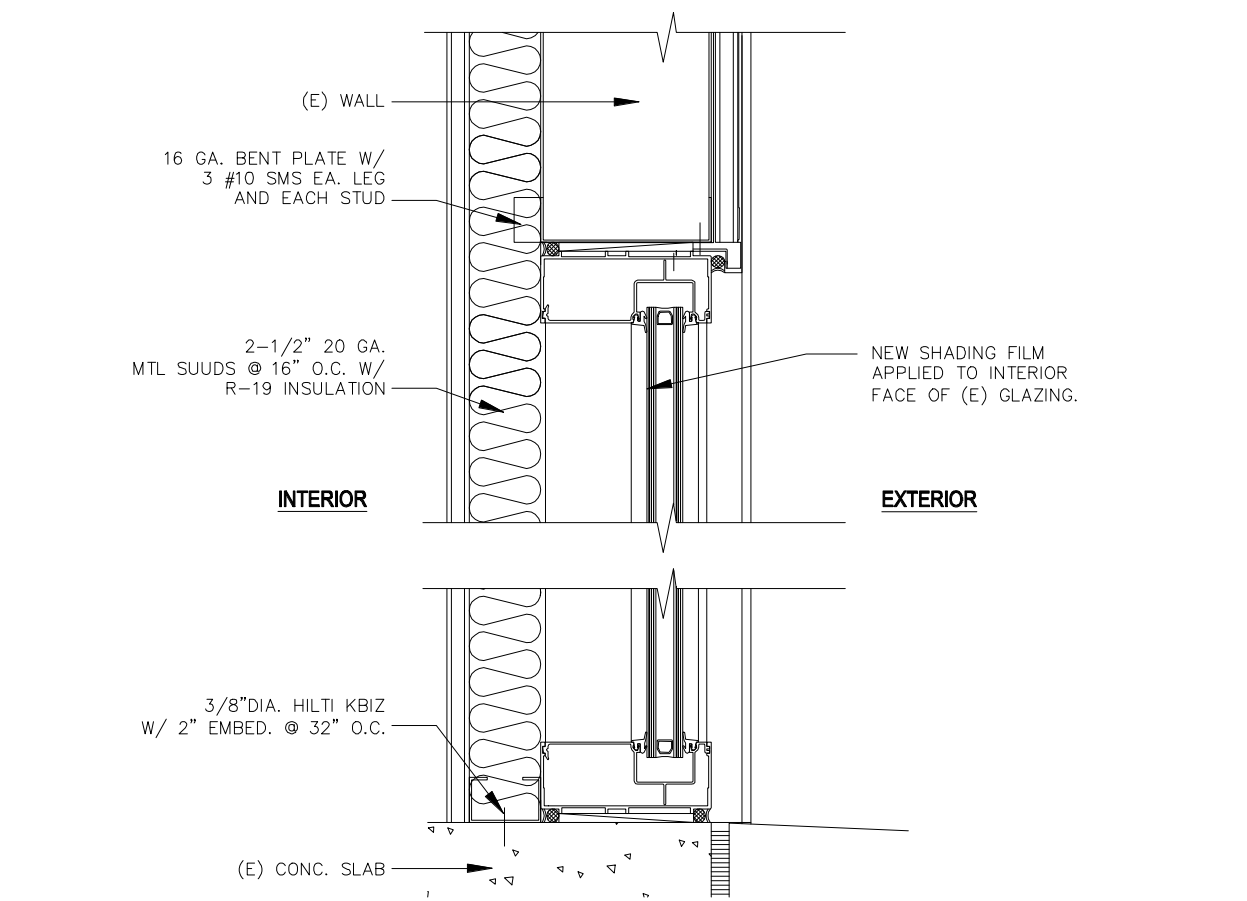
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227 N D St suite A,
Perris, CA 92570

CLIENT NAME:
CITY OF PERRIS

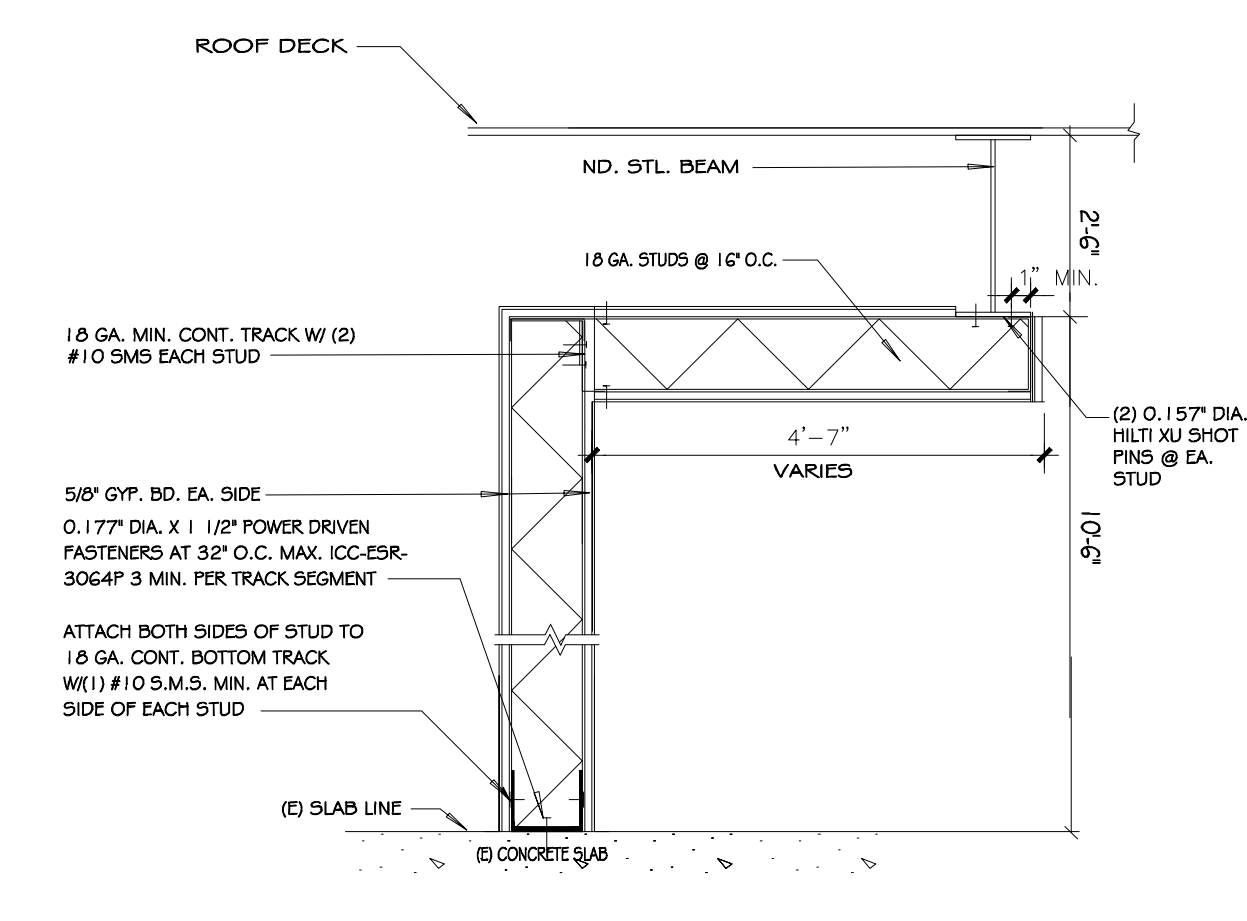
DETAIL SHEET

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Drawn by ES
Checked by ES

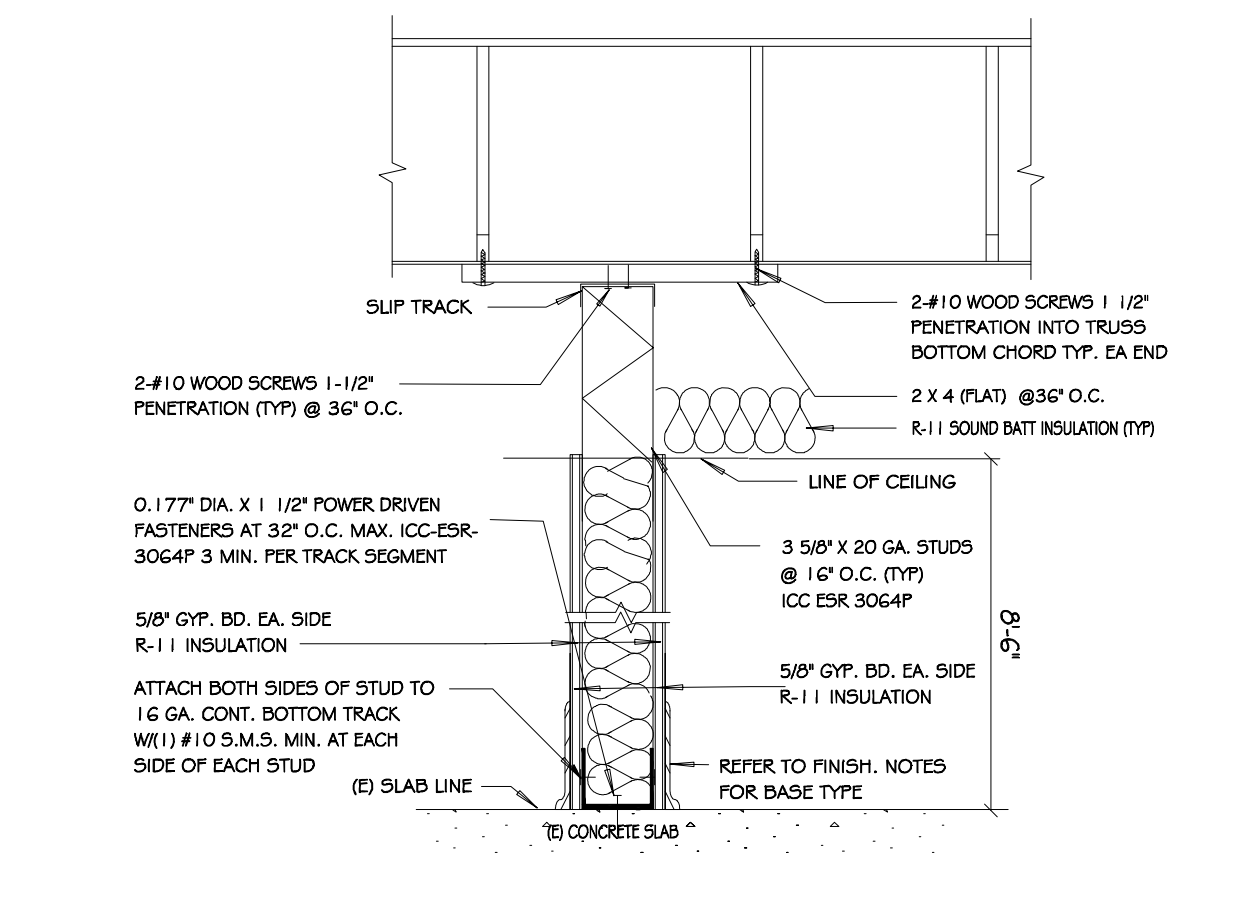
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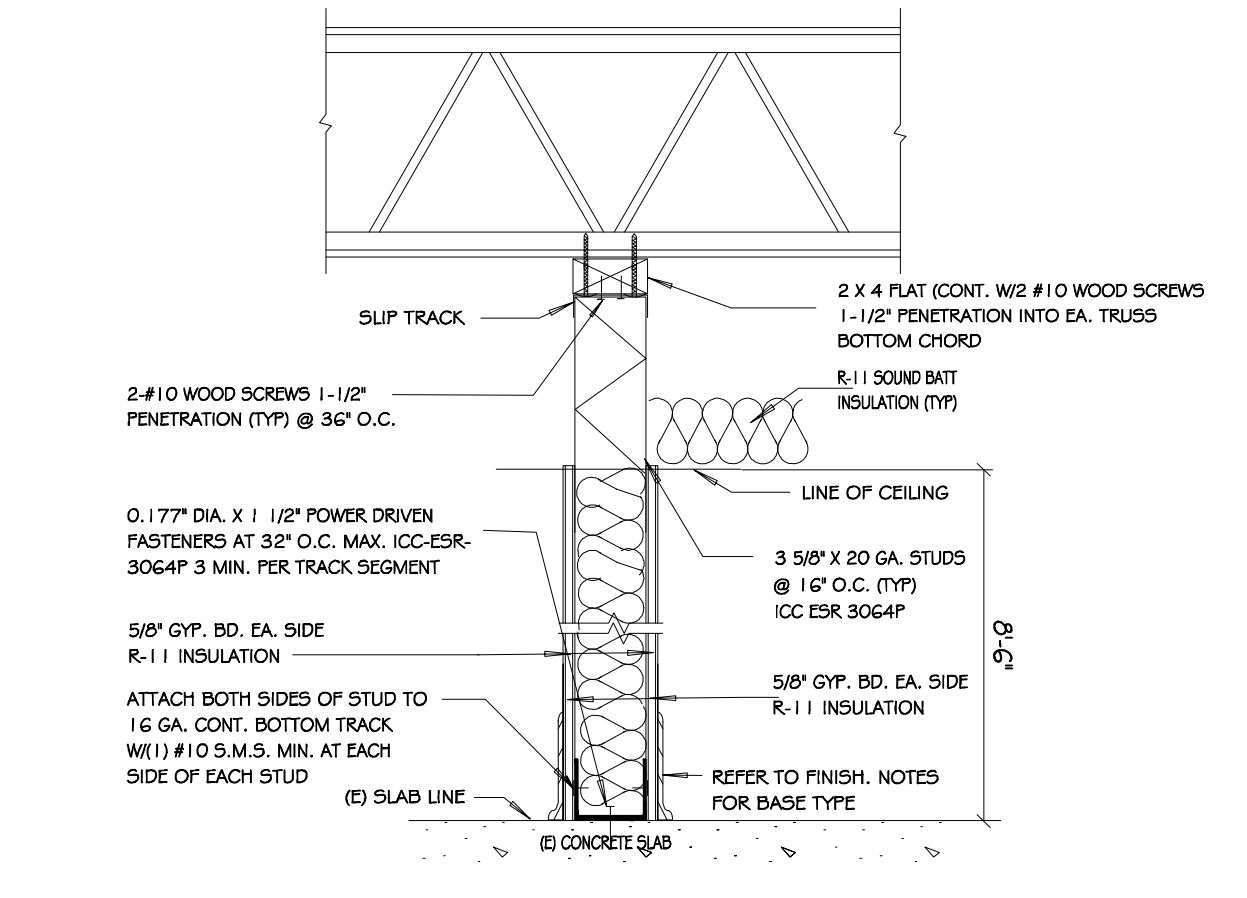
FURRING AT STOREFRONT SCALE N.T.S. 4



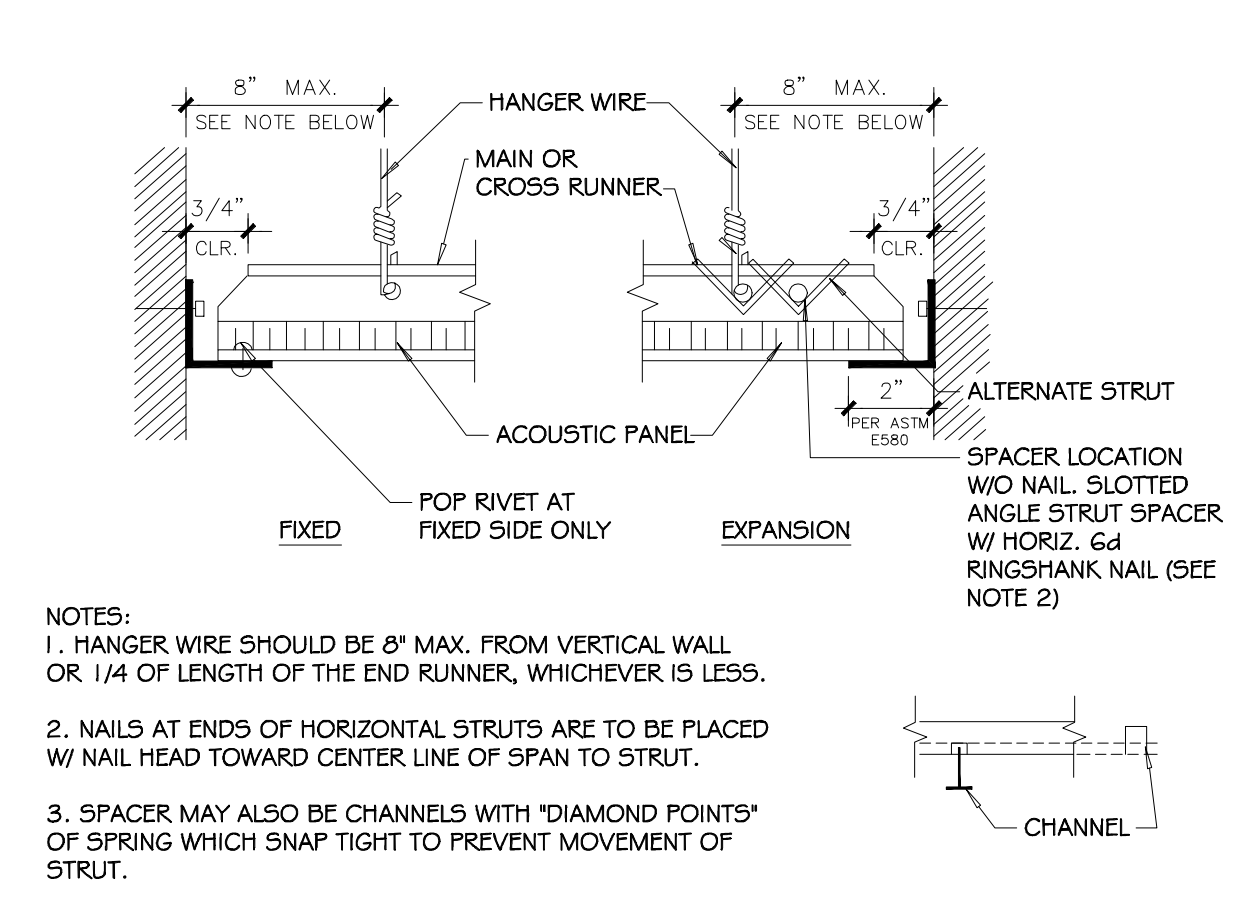
1-HR. RATED WALL SCALE N.T.S. 3



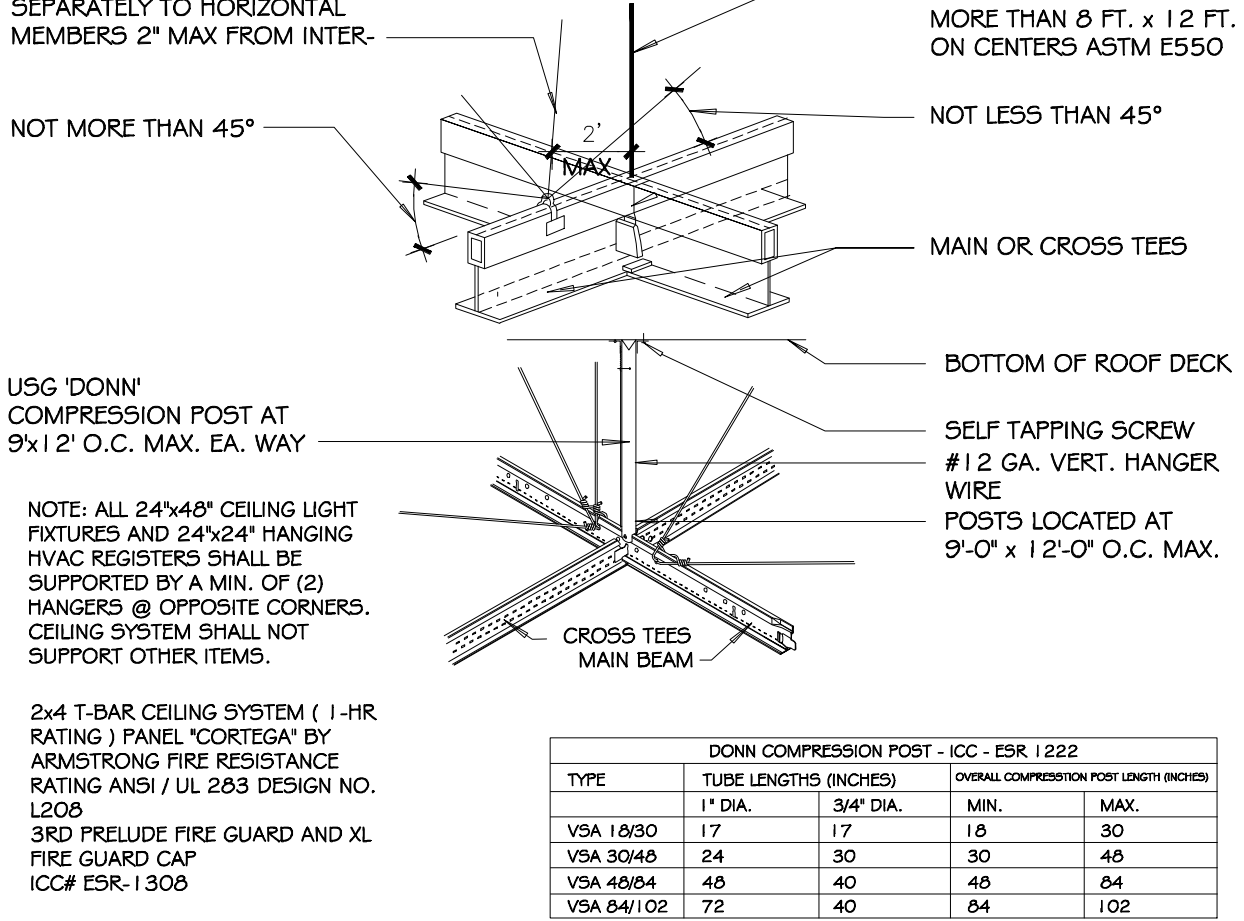
TYP. INTERIOR PARTITION BRACING SCALE N.T.S. 2



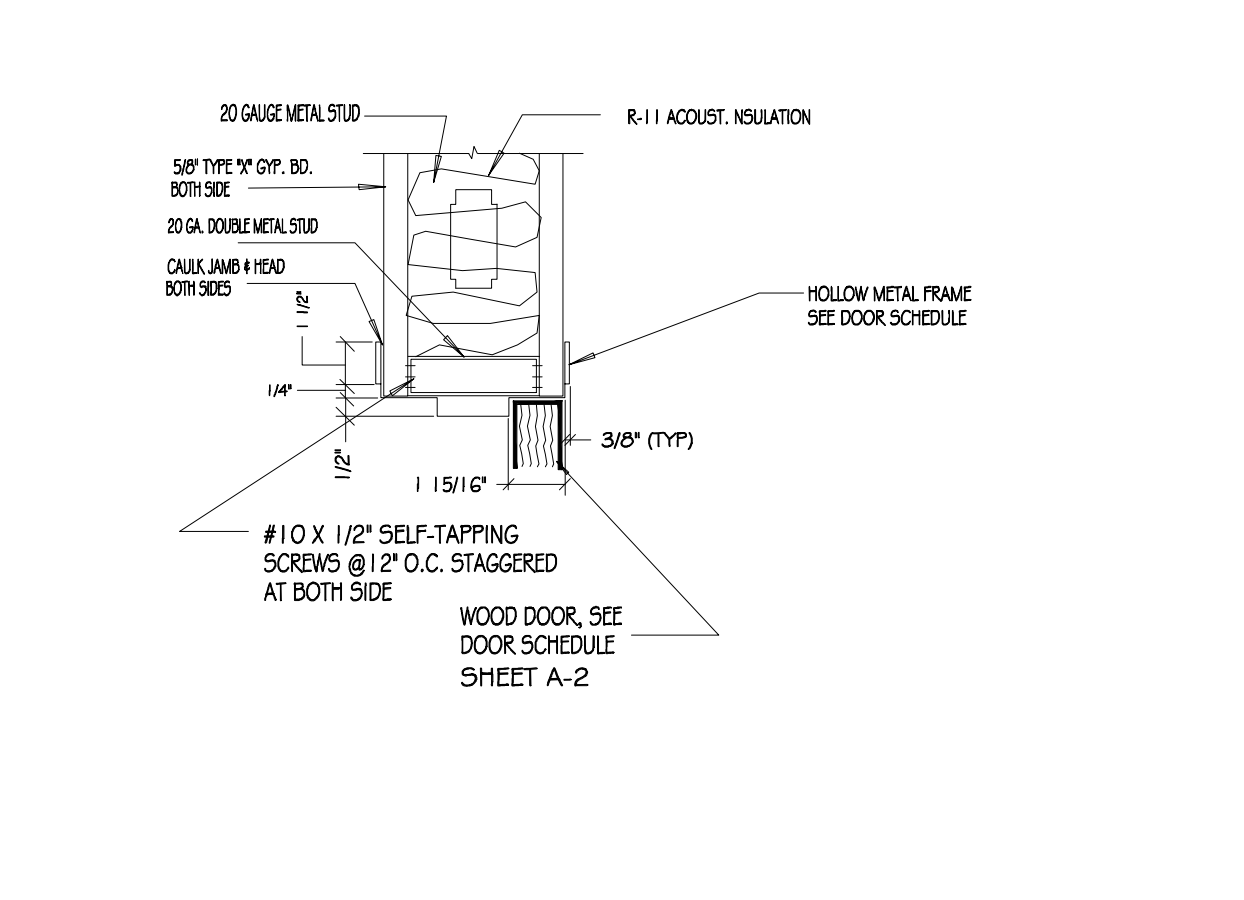
TYP. INTERIOR PARTITION AND BRACING SCALE N.T.S. 1



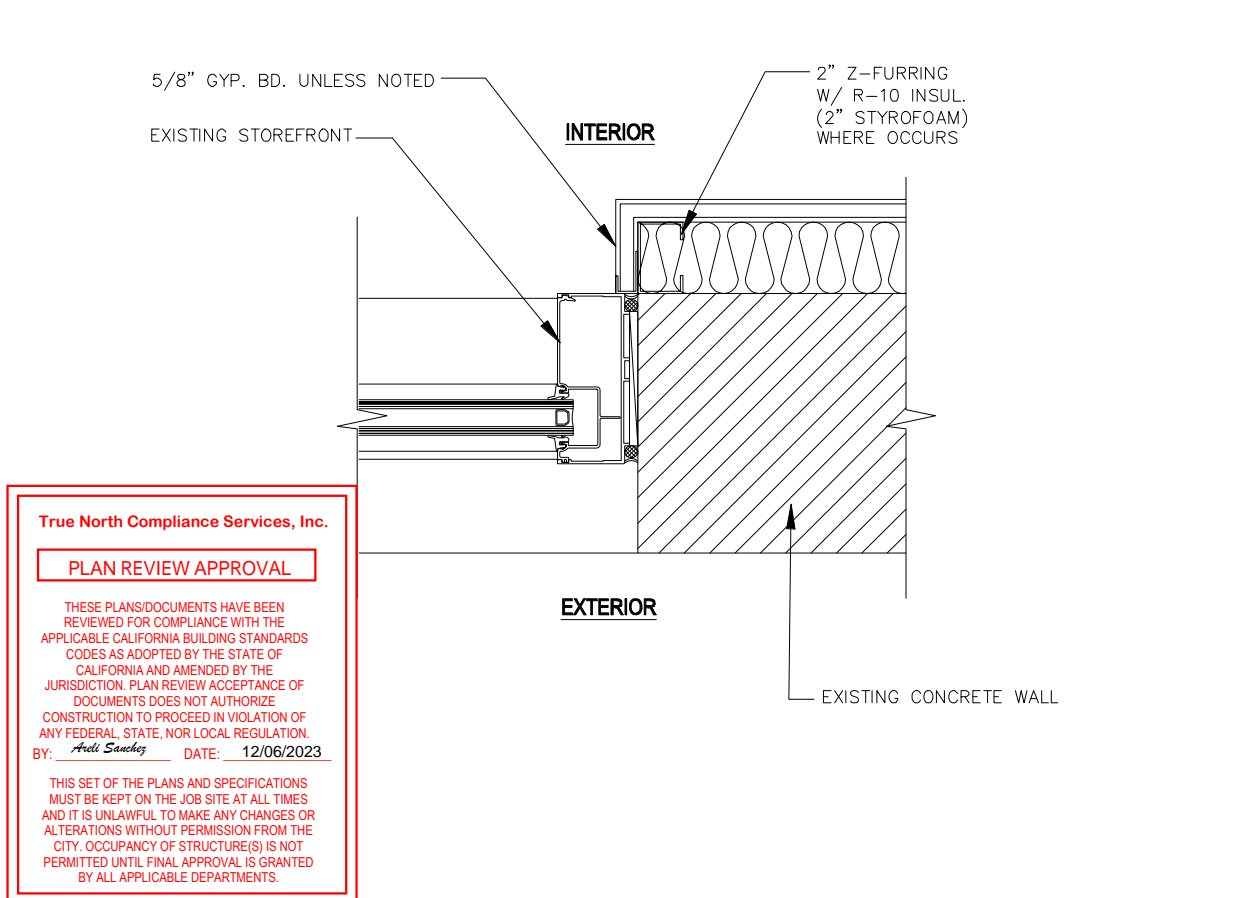
T-BAR HORIZONTAL STRUTS SCALE N.T.S. 2



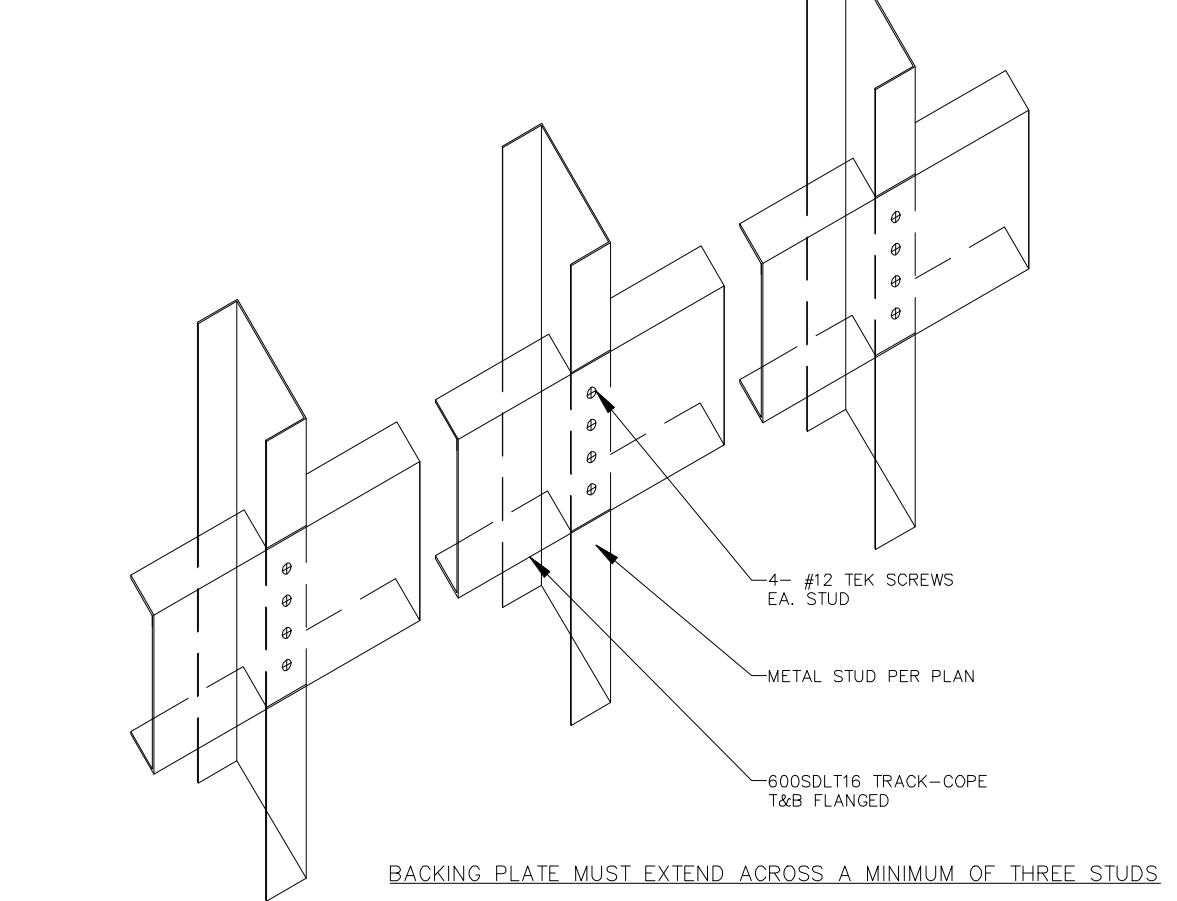
COMPRESSION POST DETAIL SCALE N.T.S. 7



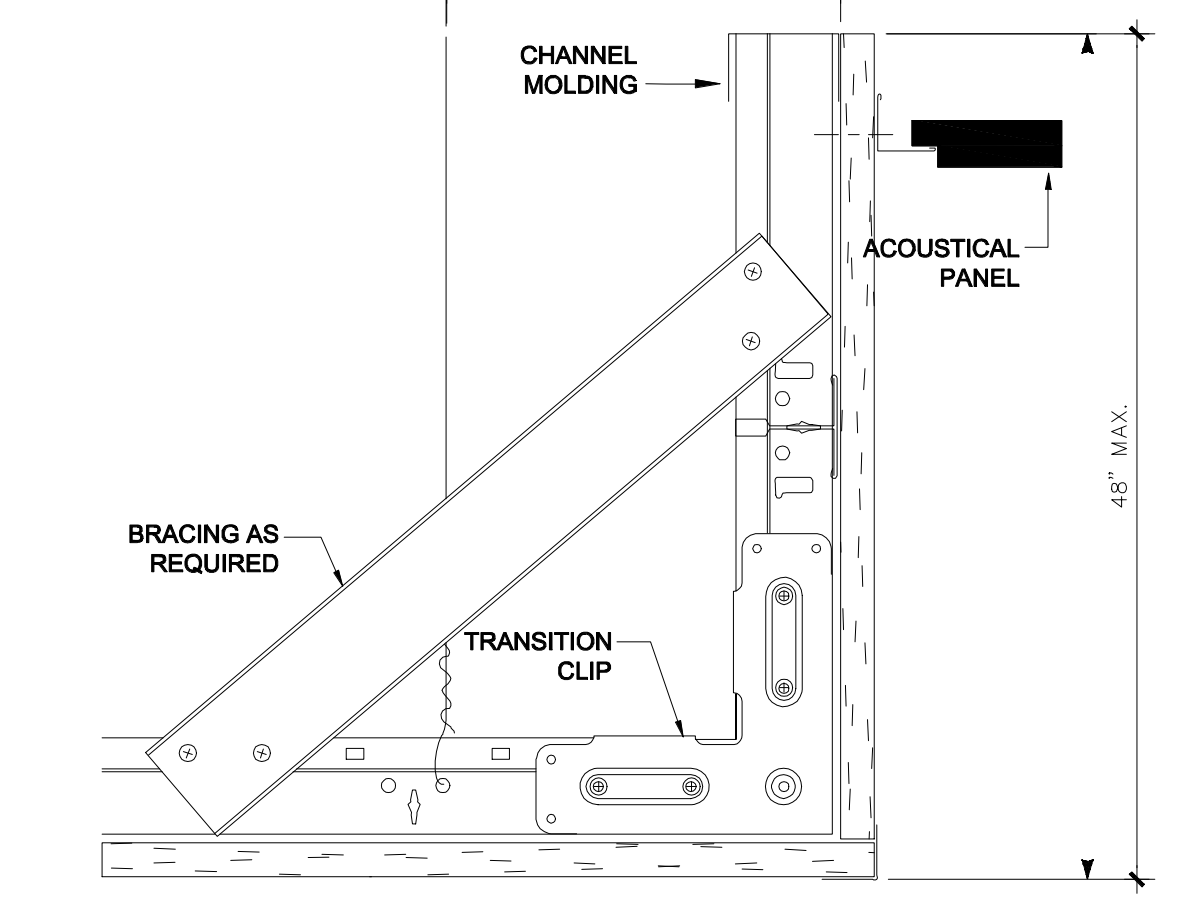
TYP. DOOR HEAD/JAMB DETAIL SCALE N.T.S. 6



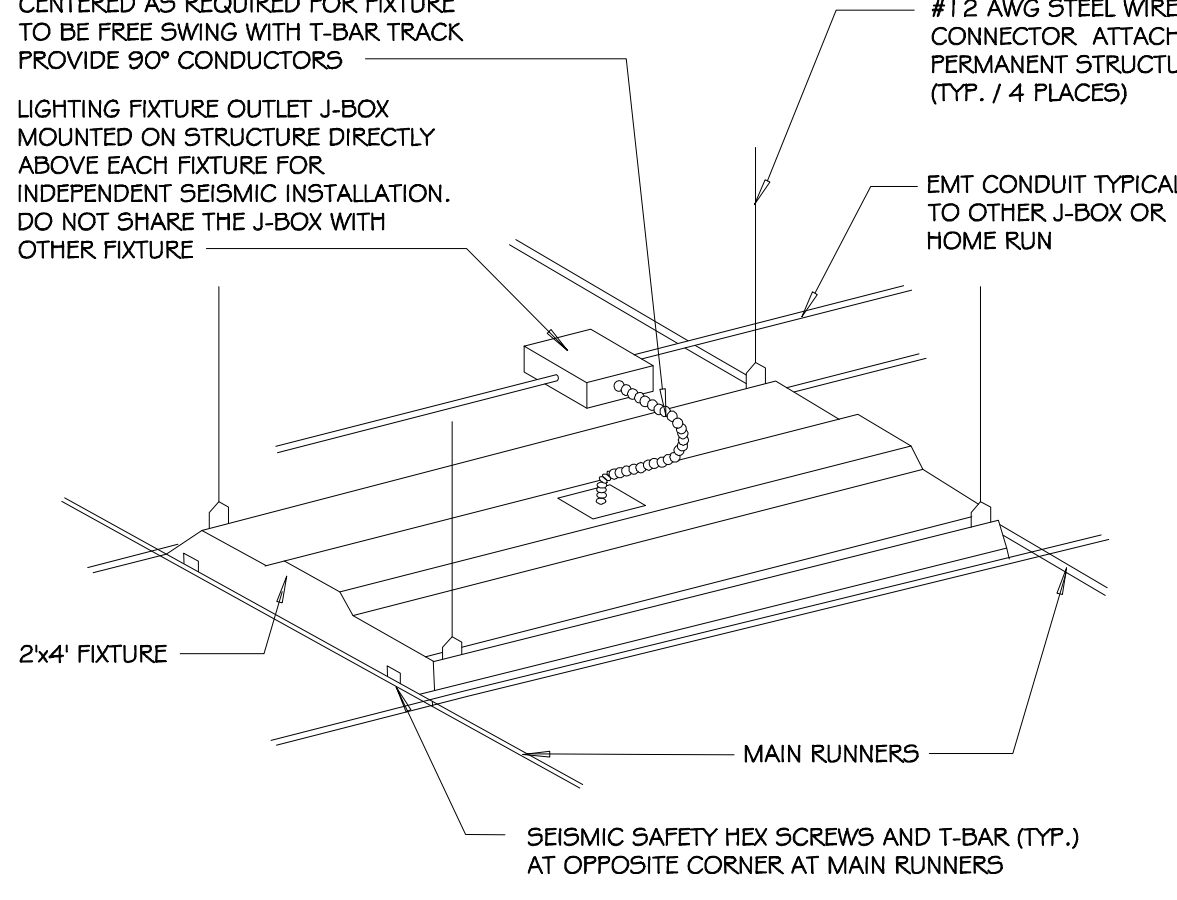
FURRING DETAIL SCALE N.T.S. 5



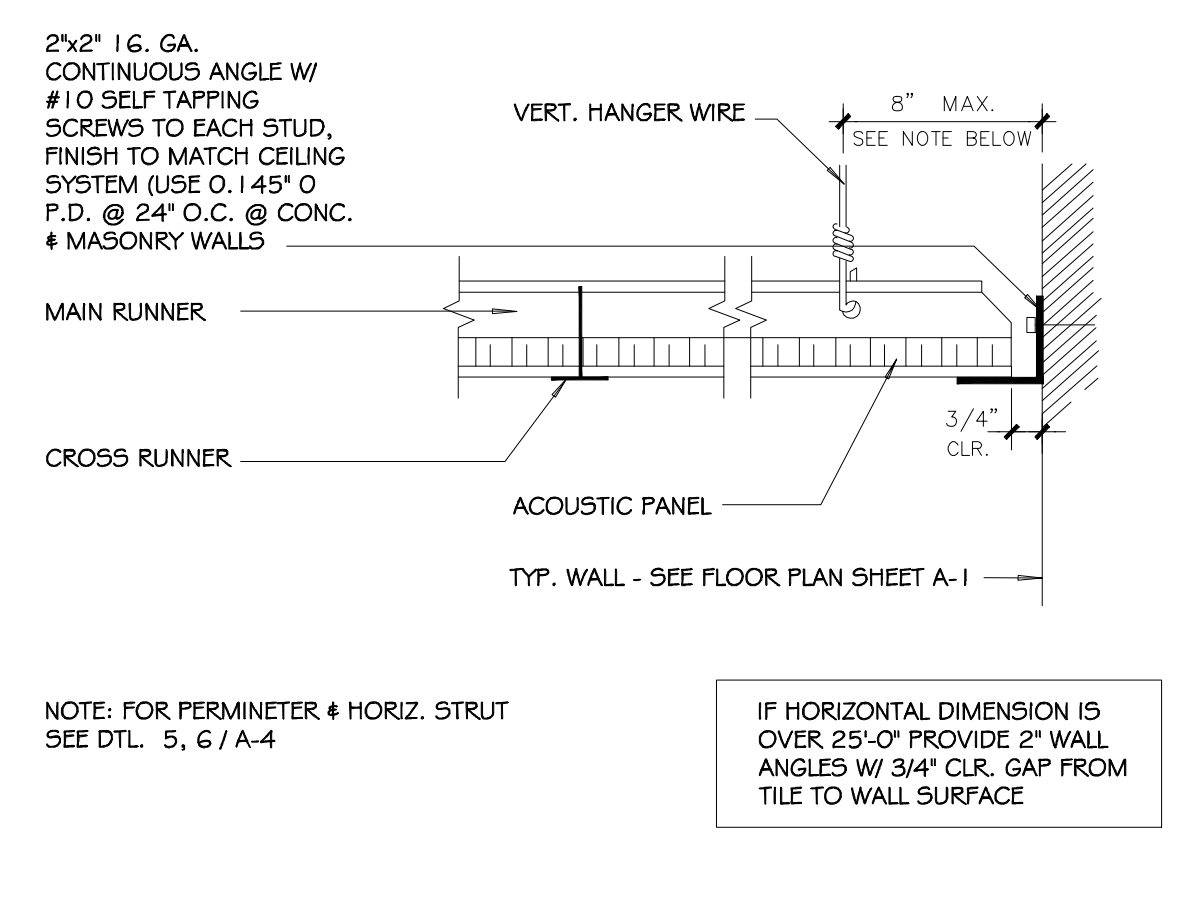
BACKING PLATE DETAIL SCALE N.T.S. 12



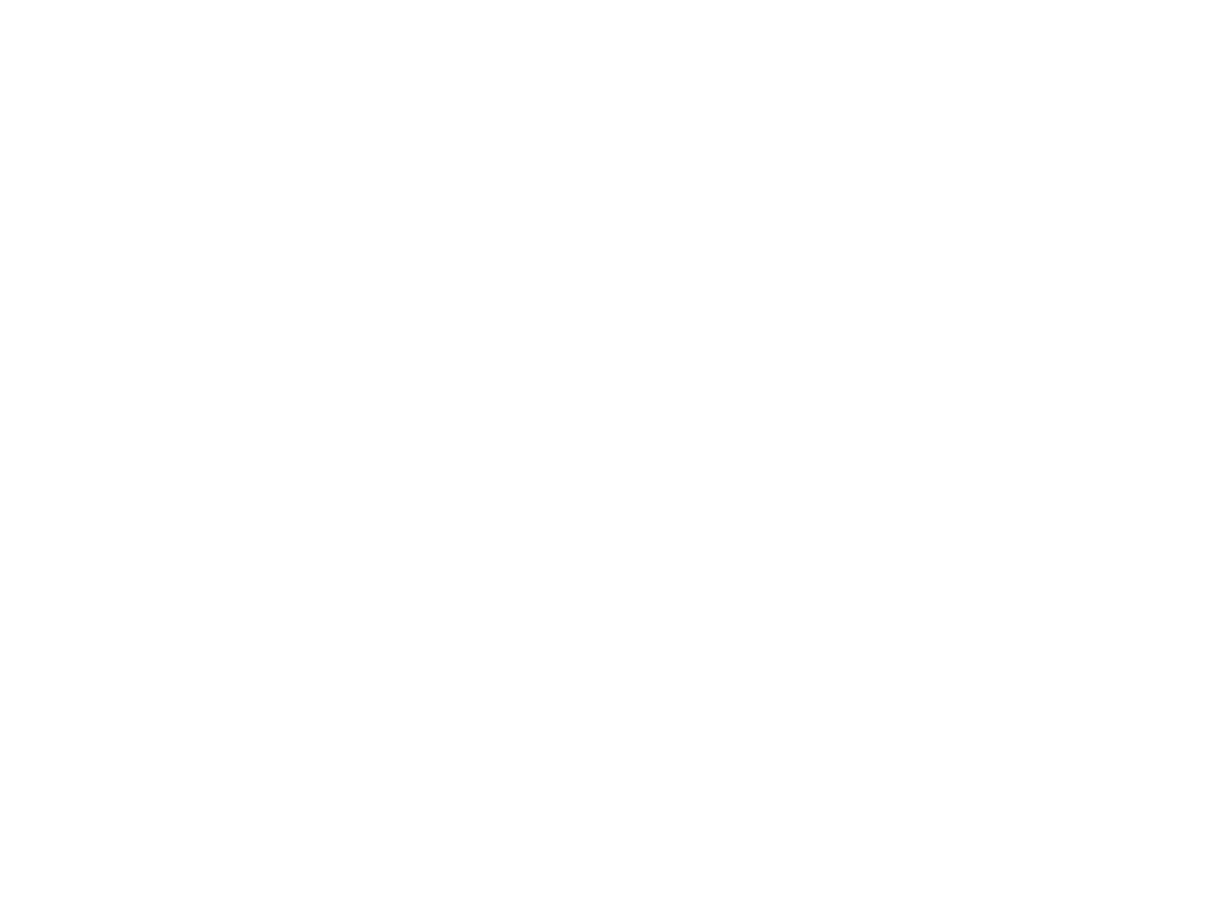
SOFFIT DETAIL SCALE N.T.S. 11



LIGHT FIXTURE FOR STANDARD 2x4 DROP-IN FIXTURE SCALE N.T.S. 10



T-BAR CEILING SECTION SCALE N.T.S. 9



RECESSED FIRE EXTINGUISHER CABINET SCALE N.T.S. 13



1-HR. RATED WALL SCALE N.T.S. 2



ELEVATION PLAN SCALE N.T.S. 13

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THESE PLANS AND DOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND APPROVED BY THE APPLICABLE PLAN REVIEW OFFICE OF THE CITY OF PERRIS. THIS APPROVAL IS LIMITED TO THE CONSTRUCTION TO PROCEED IN ACCORDANCE WITH THE PERMITTED USE AND LOCAL REGULATIONS. THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE READY FOR THE APPLICABLE LOCAL AGENCIES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT THE WRITTEN AUTHORIZATION OF THE CITY OF PERRIS. THIS APPROVAL IS LIMITED TO THE PERMITTED USE AND LOCAL REGULATIONS. APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.

ELECTRICAL GENERAL NOTES

- 1. SHOULD A CONFLICT OCCUR BETWEEN OR WITH THE SPECIFICATIONS AND/OR DRAWINGS, CODES, STANDARDS, REQUIREMENTS, MANUFACTURER'S INSTRUCTIONS, OR RECOMMENDATIONS, THE MORE STRINGENT AND/OR RESTRICTIVE CONDITION SHALL HAVE PRECEDENCE, AS DETERMINED BY THE CONTRACTING OFFICER.
2. THE DRAWINGS REPRESENT THE FINISHED PROJECT UNLESS OTHERWISE NOTED , THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, AND SEQUENCES.
3. ALL DIMENSIONS, EXISTING JOB SITE CONDITIONS, AND SERVICE REQUIREMENTS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE START OF CONSTRUCTION AND/OR FABRICATION OF MATERIALS. IF DISCREPANCIES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED FOR CLARIFICATION.
4. CONTRACTOR SHALL COORDINATE WORK BETWEEN ALL TRADES AND WORKMEN TO CLOSE , PATCH , AND REPAIR ALL HOLES WHERE ITEMS ARE REMOVED AND PROVIDED OPENINGS AS NECESSARY FOR NEW WORK.
5. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH CALIFORNIA LOCAL CODES APPLYING TO THE PROPOSED CONSTRUCTION. IN THE EVENT OF CONFLICT BETWEEN THE ABOVE AND THESE PLANS AND SPECIFICATIONS, THE MOST RESTRICTIVE SHALL GOVERN.
6. CONTRACTOR SHALL VERIFY ALL INFORMATION PERTAINING TO SERVICE BY THE UTILITIES AND SHALL INCLUDE THE COST OF ALL WORK BY OR FOR THEM IN HIS BID.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM, EXCEPT THAT THE PROVISIONS FOR OWNER-SUPPLIED EQUIPMENT SHALL ONLY BE COMPLETED TO THE POINT INDICATED ELSEWHERE ON THE DRAWINGS.
8. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONFORMITY TO ALL LOCAL CODES AND ORDINANCES, THE STATE OF CALIFORNIA ELECTRICAL SAFETY ORDERS, THE N.E.C. AND ANY ADDITIONAL JURISDICTION RELATING TO THE WORK.
9. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON THE PLANS AND/OR SPECIFICATIONS OR WITH CODE REQUIREMENTS, THE NOTES, SPECIFICATIONS, OR CODES WHICH ESTABLISH AND PRESCRIBE THE MORE COMPLETE OR THE HIGHER STANDARD SHALL PREVAIL.
10. EXACT ROUTING OF ALL CONDUITS WITHIN THE EXISTING BUILDING SHALL BE DETERMINED BY THE CONTRACTOR . ANY COST REQUIRED TO ROUTE CONDUITS DIFFERENTLY THAN IS SHOWN ON THESE DRAWINGS SHALL BE INCURRED BY THE ELECTRICAL CONTRACTOR.
11. ALL MATERIALS AND EQUIPMENT SHALL BE DELIVERED TO THE SITE NEW. IN THEIR ORIGINAL UNBROKEN PACKAGES BEARING APPROVAL BY U.L., NEMA, NBFU, OR OTHER APPROPRIATE AGENCY , AND INSTALLED PER THEIR GUIDELINES.
12. CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM MEETING THE INTENT OF THESE PLANS AND SPECIFICATIONS. ALL SYSTEMS SHALL BE IN FOR INSPECTION.
13. ELECTRICAL CONTRACTOR SHALL MAINTAIN GROUND CONTINUITY TO EVERY OUTLET PER C.E.C. 2022 TABLE 250-112.
14. ALL WIRES AND CABLES SHALL BE COPPER , 600 VOLT , #12 AWG MINIMUM. EXCEPT CONTROL WIRING WHICH SHALL BE #18 THWN. TYPE OF INSULATION AS NOTED ON DRAWINGS AND AS FOLLOWS:
- THHN/THWN INSULATION FOR #4 AWG AND SMALLER.
- THW OR THHN/THWN INSULATION FOR #2 AWG AND LARGER.
- THW USED FOR ALL PANEL FEEDERS AND SERVICE CONDUCTORS.
- THHN INSULATION TYPE SHALL BE USED WHERE CONDUCTORS ARE INSTALLED IN CONDUITS EXPOSED TO THE WEATHER.
15. ALL ELECTRICAL EQUIPMENT SHALL BE ANCHORED FOR SEISMIC LOADING TO RESIST A HORIZONTAL FORCE ACTION IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
a. FIXED EQUIPMENT ON GRADE 33% OF OPERATING WEIGHT
b. FIXED EQUIPMENT ON STRUCTURE 50% OF OPERATING WEIGHT
c. FOR FLEXIBILITY MOUNTED EQUIPMENT, USE 2 TIMES THE ABOVE VALUES.
d. SIMULTANEOUS VERTICAL FORCE USE 1/3 TIMES HORIZONTAL FORCE. THIS CRITERIA APPLIES TO EQUIPMENT ON THE FLOOR , WALL , OR ROOF WITH AN OPERATING WEIGHT OF LESS THAN 1,000 LB.
16. CONTRACTOR IS RESPONSIBLE FOR ALL CORING, CUTTING, PATCHING, AND REFINISHING OF WALLS AND SURFACES WHEREVER IT IS NECESSARY PENETRATION, ALL OPENINGS MADE SHALL BE SEALED TO MEET THE FIRE RATING AND STRUCTURAL INTEGRITY OF THE PARTICULAR WALL, FLOOR, OR CEILING.

- 17. ALL ELECTRICAL FIXTURE AND EQUIPMENT SHALL BE GROUNDED, ALL CONVENIENCE RECEPTACLES SHALL BE GROUNDING TYPE.
18. ELECTRICAL CONTRACTOR SHALL FURNISH TEMPORARY CONSTRUCTION POWER WHERE REQUIRED.
19. ALL THE ELECTRICAL LINES SHOULD BE CONCEALED WITHIN THE BUILDING STRUCTURE TO AS GREAT EXTENT AS POSSIBLE.
20. ELECTRICAL RECEPTACLES OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES TO BE LOCATED:
a. NO MORE THAN 48", MEASURED FROM TOP OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING AND;
b. NO LESS THAN 15", MEASURED FROM BOTTOM OF THE RECEPTACLE OUTLET BOX OR RECEPTACLE HOUSING, TO THE LEVEL OF THE FINISHED FLOOR OR WORKING PLATFORM.
21. ALL WORK TO COMPLY WITH 2022 CALIFORNIA ELECTRICAL CODE AND 2022 CALIFORNIA ENERGY CODE.
22. PROVIDE SWITCH & RECEPTACLE HEIGHTS PER STATE OF CALIFORNIA ACCESSIBLE REQUIREMENTS.
23. THE ISSUANCE OF PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM REQUIRING THE CORRECTION OF ERRORS ON THESE PLANS OR FROM PREVENTING ANY VIOLATION OF CODES ADOPTED BY THE CITY, RELEVANT LAWS, ORDINANCES, RULES AND/OR REGULATIONS.
24. FOR RATED WALLS/CEILING PENETRATIONS AND/OR MEMBRANE PENETRATIONS, COMPLETE NRTL CLASSIFICATION SHEETS SHALL BE PROVIDED TO THE INSPECTOR AT THE TIME OF INSPECTION.
25. GIVE THE POWER COMPANY WRITTEN NOTICE OF THE EXTENT AND NATURE OF ANY MATERIAL CHANGES IN THE SIZE, CHARACTER, OR EXTENT OF THE UTILIZING EQUIPMENT OR OPERATIONS FOR WHICH POWER COMPANY IS SUPPLYING ELECTRIC SERVICE BEFORE MAKING ANY SUCH CHANGE.
26. THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE GROUNDED BY WIRE TIES OR SIMILAR MEANS IN AT LEAST ONE LOCATION WITHIN THE PANEL-BOARD OR OTHER POINT OF ORIGINATION (210.4(D)).
27. EACH MULTI-WIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES.(210.4)
28. PROVIDE SEPARATE SUBMITTAL, OBTAIN ALL REQUIRED PERMITS, INSPECTIONS AND APPROVALS FOR ALL FIRE ALARM SYSTEM INSTALLATIONS AND/OR MODIFICATIONS.
29. PROVIDE SEPARATE SUBMITTAL FOR ALL ELECTRICAL SUBSYSTEMS WITH POWER SUPPLY(S) OF MORE THAN 50VA AND/OR 24V (E.G., SECURITY ,CARD READERS, TELCO/DATA, PA, AUDIO/VISUAL, NURSE CALL, HVAC AND REFRIGERATION CONTROLS, ETC.).
30. ALL INSTALLED MATERIALS AND EQUIPMENT SHALL BE LISTED U.L., NRTL OR LISTED AND APPROVED BY AN APPROVED LISTED LABORATORY..

CODE INFORMATION:
THE CONTRACTOR SHALL CONFORM TO ALL CODES, ORDINANCES, ETC. WHICH HAVE JURISDICTION OVER THIS WORK. BELOW IS A LIST OF MAJOR STANDARDS LISTED FOR CONVENIENCE ONLY. REFERENCE TO A STANDARD MEANS, THE LATEST EDITION OF SUCH STANDARD AT DATE OF BUILDING PERMIT. THE CONTRACTOR SHALL RETAIN RESPONSIBILITY FOR COMPLIANCE WITH LATEST REVISIONS OF ALL OTHER APPLICABLE CODES AND ORDINANCES NOT LISTED HEREIN .
CALIFORNIA BUILDING CODE (CBC) 2022
CALIFORNIA MECHANICAL CODE (CMC) 2022
CALIFORNIA PLUMBING CODE (CPC) 2022
CALIFORNIA ELECTRICAL CODE (CEC) 2022
CALIFORNIA ENERGY CODE (TITLE 24, PART 6) 2022

ELECTRICAL SPECIFICATIONS

- PART -I GENERAL:
1. 1.1 ALL ELECTRICAL WORK SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA ELECTRICAL CODE (CEC 2022), THE NATIONAL ELECTRICAL CODE NEC 2017 AND CURRENT CITY ORDINANCES.
1.2 ELECTRICAL EQUIPMENT, MATERIALS AND APPURTENANCES SHALL BE BRACED IN ACCORDANCE WITH CBC 2022 FOR SEISMIC CODES.
PART -II PRODUCTS:
1. EQUIPMENT AND MATERIALS SHALL BE NEW AND FREE FROM DEFECTS. ALL EQUIPMENT OF THE SAME OR SIMILAR TYPE SHALL BE THE SAME MANUFACTURER THROUGHOUT THE WORK. STANDARD PRODUCTION MATERIALS SHALL BE USED WHEREVER POSSIBLE.
2. CONDUIT SHALL BE PROVIDED FOR ALL WIRING INCLUDING POWER, CONTROL , GROUNDING , LIGHTING, RECEPTACLES AND SIMILAR SYSTEMS.
3. RACEWAYS: EXPOSED CONDUIT SUBJECT TO DAMAGE SHALL BE THREADED, GALVANIZED, RIGID STEEL CONDUIT, MINIMUM SIZE BE 3/4" BUSHING SHALL BE GALVANIZED , MALLEABLE IRON WITH INSULATED COLLARS. GROUNDING BUSHING SHALL BE LOCKED TYPE WITH THROUGH COMPRESSION LUG.
4. LIQUID TIGHT , FLEXIBLE STEEL CONDUIT SHALL BE PROVIDED FOR ALL DAMP OR WET LOCATIONS.
5. EMBEDDED OR ENCASED CONDUIT SHALL BE SCHEDULE 40 , HIGH IMPACT , POLYVINYL CHLORIDE(PVC). FITTING FOR PVC CONDUIT SHALL BE SOLVENT WELDED TYPE.
6. JUNCTION AND PULL BOXES FOR USE IN OUTDOOR AREAS SHALL BE CAST TYPE . NEMA 3R RATED WITH INTEGRALLY CAST THREADED HUBS FOR CONDUIT ENTRY. CONDUIT BODIES SHALL FERROUS ALLOY TYPE WITH SCREW FOR FASTENING COVERS. GASKETS SHALL BE MADE OF NEOPRENE.
7. INDIVIDUAL CONDUIT SUPPORTS SHALL BE TWO-HOLE GALVANIZED STEEL STRAPS. PLUMBERS TYPE IS NOT ACCEPTABLE.
8. CONDUCTORS, WIRES & CABLES SHALL BE PROVIDED FOR POWER CONTROL, LIGHTING, RECEPTACLES, INSTRUMENTATION, GROUNDING AND SIGNAL CIRCUITS. THE QUANTITY AND SIZE OF CONDUCTORS SHALL BE AS SPECIFIED. CONDUCTORS FOR LIGHTING AND RECEPTACLE CIRCUITS SHALL BE SIGNAL CONDUCTOR, ANNEALED COPPER WITH 600-VOLT THWN/THHN PVC INSULATION.
9. GROUNDING CONDUCTORS SHALL BE CONCENTRIC STRANDED, ANNEALED BARE COPPER.
10. RECEPTACLES, PLUGS, SWITCHES AND APPURTENANCES SHALL BE PROVIDED AS SPECIFIED ON THE DRAWINGS.
11. LIGHT SWITCHES SHALL BE 20 AMP, ROCKER TYPE, LEVITON, OR EQUAL.
12. GROUND RODS SHALL BE COPPER-COVERED STEEL 3/4" DIAMETER, 10' LONG.
13. CIRCUIT BREAKERS SHALL MOLDED-CASE TYPE RATED FOR THE CURRENT RATINGS AND POLE CONFIGURATIONS SPECIFIED ON THE PANEL BOARD SCHEDULE.

- PART -III INSTALLATION:
1. NAMEPLATES SHALL BE MADE FROM LAMINATED PHENOL PLASTIC SHALL 3/4" HIGH BY 2" LONG. NAMEPLATES SHALL HAVE BLACK BACKGROUNDS WITH 3/16" WHITE LETTERS AND SHALL BE FASTENED USING SELF-TAPPING STAINLESS STEEL SCREWS. THE USE OF ADHESIVES WILL NOT BE PERMITTED ON THE OUTSIDE OF ENCLOSURE.
2. UNLESS OTHERWISE DETAILED OR DIMENSIONED , ELECTRICAL LAYOUT DRAWINGS ARE DIAGRAMATIC. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ELECTRICAL MATERIAL AND EQUIPMENT WITH THE WORK SWITCHES , OUTLETS & FIXTURE LOCATIONS SHALL BE CONFIRMED WITH ARCHITECT PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL LIMIT NUMBER OR DIRECTIONAL CHANGES OF CONDUIT FOR A TOTAL OF NOT MORE THAN 270 DEGREES IN ANY RUN BETWEEN PULL BOXES. CONDUIT RUNS SHALL BE LIMITED TO 400' FOR EACH 90 DEGREES CHANGE IN DIRECTION.
4. SINGLE CONDUITS SHALL BE SEPARATED FROM AC POWER AND CONTROL CONDUITS. THE MINIMUM SEPARATION SHALL BE 12" FOR RIGID STEEL AND 24" FOR PVC CONDUITS.
5. EXPOSED CONDUIT SHALL RUN PARALLEL AND PERPENDICULAR TO WALLS, STRUCTURAL MEMBERS. NO CONDUIT SHALL APPROACH CLOSER THAN 6" TO ANY OBJECT OPERATING ABOVE 80 DEGRESS C.
6. LIQUID-TIGHT, FLEXIBLE STEEL CONDUIT SHALL BE USED FOR THE FINAL CONNECTION TO EQUIPMENT, DEVICES AND INSTRUMENTS WHERE FLEXIBILITY IS REQUIRED.
7. LIGHTS AND RECEPTACLE CIRCUITS SHALL NOT BE IN CONDUIT WITH THE LOW VOLTAGE OR SIGNAL/DATA CIRCUITS.
8. CONDUITS, WIRING OR MOUNTING OF DEVICES NOT SHOWN ON THE ELECTRICAL OR INSTRUMENTATION DRAWINGS BUT REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM SHALL BE PROVIDED.
9. UNLESS OTHERWISE SPECIFIED, SWITCHES SHALL BE MOUNTED 48" ABOVE FINISH FLOOR, RECEPTACLES SHALL BE MOUNTED 15" ABOVE FINISHED FLOOR.
10. ELECTRICAL EQUIPMENT AND ENCLOSURES, METAL SURFACES OF EQUIPMENT, AND METAL STRUCTURAL MEMBERS SHALL BE GROUNDED. GROUNDING SYSTEMS SHALL BE PROVIDED IN COMPLIANCE WITH THE CEC AND AS SPECIFIED ON THE DRAWINGS.
11. GROUNDING CONDUCTORS SHALL BE A SUFFICIENT LENGTH TO REACH THE FINAL CONNECTION POINT WITHOUT SPLICING.
12. A SEPARATE GROUND SHALL BE RUN IN EACH POWER CONDUIT. THE CONDUCTOR SHALL BE SIZED IN ACCORDING WITH CEC TABLE 250-95. THE CONDUCTOR SHALL BE BOUNDED TO THE INSIDE OF THE DEVICE JUNCTION BOX.
13. THE LOCATION AND TYPE OF FIXTURES AND RECEPTACLES ARE SHOWN ON THE DRAWINGS. RACEWAYS AND WIRE SHALL BE PROVIDED FROM THE FIXTURE , SWITCHES AND RECEPTACLES TO THE LIGHTING PANEL IN ACCORDANCE WITH THE NEC.
14. FIXTURES LABELED TO REQUIRED CONDUCTORS WITH A TEMPERATURE RATING EXCEEDING 75 DEGREES C SHALL BE SPLICED TO CIRCUIT CONDUCTORS IN A SEPARATELY MOUNTED JUNCTION BOX. FIXTURE SHALL BE CONNECTED TO JUNCTION BOX USING FLEXIBLE CONDUIT WITH A TEMPERATURE RATING EQUAL TO OR GREATER THAN THAT OF THE FIXTURE.
15. PHOTOELECTRIC CELLS SHALL BE ORIENTED TOWARD THE NORTH.
16. THE CONTRACTOR SHALL TYPE IN THE CIRCUIT DESCRIPTION ON THE CIRCUIT DIRECTORY AS SHOWN ON THE FINAL RECORD DRAWINGS.

ELECTRICAL SERVICE NOTES

- 1. ALL EQUIPMENT SHALL BE FULLY BUSSED AND BRACED FOR THE INTERRUPTING CURRENT PER POWER COMPANY REQUIREMENTS.
2. ALL EQUIPMENT SHALL BE U.L. LISTED AND INSTALLED AS PER LISTING AND LABELING.
3. CIRCUIT BREAKERS USED AS SWITCHES SHALL BE LISTED FOR SWITCHING DUTY AND MARKED "SWD" PER C.E.C. 240-83(D).
4. ALL CIRCUIT BREAKERS SHALL BE MOLDED CASE THERMAL MAGNETIC AND RATED FOR AVAILABLE SHORT CIRCUIT CURRENT.
5. GROUNDING AND GROUND CONTINUITY PER C.E.C. 250.
6. SERVICE EQUIPMENT SIZE VARIES WITH MANUFACTURERS VERIFY EXACT EQUIPMENT DIMENSION WITH MANUFACTURER.
7. ALL CIRCUITS SHALL BE CLEARLY IDENTIFIED AND MARKED ON PANEL BOARD CIRCUIT I.D. TAG.
8. ALL FUSE HOLDERS FOR CURRENT LIMITING FUSES SHALL BE REJECTION TYPE.

ELECTRICAL LEGEND & ABBREVIATIONS

Table with columns for SYMBOL, DESCRIPTION, and ABBREVIATION. Includes symbols for electrical panels, switches, outlets, conduits, and various abbreviations like AMP, AFF, AFG, etc.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS SET OF PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA REVISIONS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND HERETOBY THE JURISDICTION. PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT CONSTITUTE AN ENDORSEMENT OR GUARANTEE OF THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED BY THE CONTRACTOR. THIS SET OF PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND NOT BE REPRODUCED OR COPIED OR ALTERED WITHOUT PERMISSION FROM THE CITY OCCUPANCY AND INSPECTIONS DEPARTMENT UNTIL FINAL APPROVAL IS GRANTED BY AN APPLICABLE AGENCY.

Professional Engineer seal for Blueberry, Inc. (No. E 40068). Project title: EARLY CHILDHOOD CLASSROOM & OFFICE. Project address: 227 N. D STREET, PERRIS, CA 92570. Drawing No. E100.

DAY LIGHT HARVESTING PHOTOCELL CMR PC

OVERVIEW
The CMR(PC) Series of On/Off Photocell sensors provide the industry's most intelligent control of lighting for daylight harvesting applications. Ideal for public spaces with windows like vestibules, corridors, or bathrooms, the sensors work by monitoring daylight conditions in a room, then controlling the lighting so as to insure that adequate lighting levels are maintained. The CMR(PC) PC has on/off lighting control; turning off the lights when sufficient daylight is present and turning them on when additional lighting is necessary. The CMR(PC) PC Series sensors are line powered and can switch loads directly without the need for a power pack. The CMR version sensors are ceiling mounted, while the CMRB versions are specifically designed to mount on the end of a linear fluorescent fixture. To add dimming control to the on/off control provided by the CMR(PC) PC, see the data sheet on the CMR(PC) ADC sensor.

FEATURES

- Self-Contained Relay, no Power Pack needed
- Capable of finding optimum set point
- Digitally Programmable via simple push-button commands
- No minimum Load Requirements
- 100 Hour Lamp Burn-in Time Mode

Warranty
Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/customerresources/terms_and_conditions.aspx

ORDERING INFORMATION

Series	Dual Zone	Voltage	Temp/Humidity
CMR PC	On/Off Photocell Sensor Ceiling Mount, Line Voltage	208V 277V 347V	Standard LT 40° to 160°F
CMRB PC	On/Off Photocell Sensor Fixture Mount, Line Voltage	208V 277V 347V	Standard LT 40° to 160°F

CEILING MOUNT OCCUPANCY SENSOR CMR PDT 10

OVERVIEW
The CMR 10 Series incorporates Passive Infrared (PIR) technology into an attractive and economical line powered sensor to provide maximum viewing from the ceiling. When mounted at 9 ft (2.74 m), this sensor views up to 28 ft (8.53 m) in all directions. Its circular coverage pattern is designed for walking motions, making it ideal for lobbies, restrooms, corridors, or other areas where wall mounting a sensor is not practical. Low ceiling heights are also best covered with the CMR 10. For example, when mounted at only 7 ft (2.13 m) the height of light poles in many distribution centers, the CMR 10 provides a 32 ft (9.75 m) diameter pattern of coverage. For detection of minor motion is also required, the CMR PDT 10 Series Dual Technology sensor is recommended. With optional flash programming via the Sensor Switch VLP mobile device application, the user can easily change time delay, on mode and photocell settings.

FEATURES

- Push-button programmable, adjustable time delays, and multiple operating modes
- 100% lamp burn-in timer
- No field calibration or sensitivity adjustments required

Warranty
Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/customerresources/terms_and_conditions.aspx

ORDERING INFORMATION

Series	Detection Technology	Coverage Type	Relay
CMR PDT 10	Pir	360° Large Motion 360°	2P Dual Relays

WSX PDT WH

OVERVIEW
The WSX Family of wall switch occupancy sensors provides simple and cost-effective solutions for commercial and residential lighting control applications. All WSX Family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20 ft (6.10 m), making them perfect for private offices, private restrooms, closets, copy rooms, or any other small enclosed space. Additionally, all WSX Family sensors have a patented pending wiring method that enables them to function either with or without a neutral connection. WSX units come pre-configured for wiring without a neutral, however if connection to neutral is required by code, contractors can connect the unit to neutral. With optional flash programming via the Sensor Switch VLP mobile device application, users can easily change time delay, on mode and photocell settings.

FEATURES

- Programmable with Sensor Switch VLP app or traditional push button, refer to ordering information for availability
- Compatible with LEDs, electronics & magnetic ballasts, CFLs & incandescents
- 100% passive detection, no potential for interference with other building systems
- Small motion detection to 20 ft
- Push-button programmable without removing cover plate - adjustable time delays & operating modes
- Dual technology (PIR) utilizes PIR/Microphonic™ detection (patented)
- Self-grounding mounting strap
- Device accommodates powering over ground or neutral connection (patent pending)
- Ultra low current leakage (<0.3 mA) when connected via ground
- Fully meets NEC 2017 Section 404.2C neutral requirements - no current leakage to ground when connected to neutral
- Line power and load wires are interchangeable - impossible to wire backwards (patented)
- Integrated Phidget (disabled by default) prevents light from turning on if sufficient daylight is present - not available in Nightlight versions
- Vandal resistant lens

Warranty
Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/customerresources/terms_and_conditions.aspx

ORDERING INFORMATION

Series	Operating Mode	Voltage	Visible Light Programming	Color	Temp / Humidity
WSX PDT WH	Auto on (default) or vacancy (default) or auto on or auto on or auto on	208V 277V 347V	None	White	Standard LT Low Temp/High Humidity

LIGHTING CONTROL PANEL SCHEDULE

TAG#	LCP-1	NO. OF RELAYS	4	LOCATION	STORAGE	MODEL	BLUEBOX LTD
RELAY #	PANEL NAME	CIRCUIT#	OS#	CLOCK	OVERRIDE SW.#	PHOTO CELL #	CONTROLLED
1	AA	1		X			KID'S ARE LIGHTING
2	AA	4		X			OFFICE AREA LIGHTS
3							
4							

NOTE: SEE THE LIGHTING CONTROL PANEL MANUAL AND CIRCUIT DIAGRAM FOR DETAILS

AA- 1 & 4

CLOCK/PROGRAMMER

LIGHTING CONTROL PANEL "LCP"

4 DIGITALLY CONTROLLED OUTPUT CIRCUIT RELAYS

BLUEBOX LTD
4 RELAYS OR
TITLE-24 APPROVED EQUAL

OVERVIEW

LIGHT LEVEL SET-POINT
The sensor functions by comparing the amount of daylight available with a defined acceptable lighting level. This threshold, called the set-point, is utilized in all daylight harvesting lighting control decisions. The sensor can find its optimum set-point via the **Automatic Set-Point Programming** mode. In this mode, the sensor sets the minimum light level to be the amount contributed by the artificial lights being controlled. It is assumed that the space is properly lit by design, however, if this is not the case the set point may be easily adjusted to the occupant's preferences. All modes and settings are entered digitally via a push button sequence. Once programmed, the exact value of the set-point (in foot-candles) can be read out from the sensor via a series of LED flashes.

DIGITAL SET-POINT CONTROL
Each sensor contains a microcontroller that enables the user to engage the Automatic Set-Point Programming mode or to manually set/adjust the set-point. The manual process involves calculating and inputting the exact foot-candle value of the desired set-point into the sensor. It is important to note that the set-point is the light level required at the face of the sensor and that this value will be much different than the level required at a work surface. Typically, light levels at the ceiling are 3 to 5 times less than the work surface. For example, if 50 fc is desired at the work surface, the sensor should be set to 10 fc. For best results, measure the levels at both locations using a foot-candle meter before programming the set-point.

INSTALLATION
The ceiling (CMR) sensor enclosure accommodates mounting to a variety of junction boxes ranging in size from a single gang mud ring at a 3.28" spacing, up to a round fixture box spacing of 3.5".

WIRING (DO NOT WIRE HOT)
The sensor uses Sensor Switch's patented reversible wiring: black to hot and black to load (02, 208, and 480 option adds a pair of blue wires for the second zone or phase). For 120, 277, and 347 VAC the white wire connects to neutral. For 208 and 480 VAC version the white wire connects to either the phase 1 or phase 2 line input. Black wires are replaced with red wires for 347 VAC.

WARRANTY
3-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/customerresources/terms_and_conditions.aspx

COVERED PATTERN

EXTENDED RANGE 360° LENS

- Best choice for large motion detection (e.g. walking)
- Viewing angle of 67° in a 360° conical shaped pattern
- Provides 28 ft (8.53 m) radial coverage when mounted to standard 9 ft (2.74 m) ceiling
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage

TYPICAL WIRING SINGLE RELAY

STANDARD WIRING
BLACK - Line Input
BLACK - Load Output
WHITE - Neutral

347 VAC OPTION (347)
Black wires are replaced w/ Red wires

DIMMING OPTIONS (D, ADC)
VIOLET - Connect to Violet control wire from 0-10 VDC dimmable ballast
GRAY - Connect to Gray common wire from ballast

SENSORS IN PARALLEL
Sensors may be wired in parallel; however, the maximum load ratings stay the same. Do not wire sensors with P or ADC option in parallel.

TYPICAL WIRING DUAL RELAY

STANDARD WIRING
BLACK - Line Input 1
BLACK - Load Output 1
BLUE - Line Input 2
BLUE - Load Output 2
WHITE - Neutral

347 VAC OPTION (347)
Black wires are replaced w/ Red wires

ORDERING INFORMATION

WSX SINGLE RELAY

Series	Operating Mode	Voltage	Visible Light Programming	Color	Temp / Humidity
WSX PDT WH	Auto on (default) or vacancy (default) or auto on or auto on or auto on	208V 277V 347V	None	White	Standard LT Low Temp/High Humidity

WSX DUAL RELAY

Series	Operating Mode	Voltage	Color	Temp / Humidity
WSX DP	Passive Infrared (PIR) or PIR/Microphonic™	208V 277V 347V	White, Ivory, Gray, Black, Red	Standard LT Low Temp/High Humidity

SPECIFICATIONS

Size: 2.74" x 1.68" x 1.63" (not including ground strap)
Weight: 5 oz
Mounting: Single gang switch box
Mounting height: 20-40 in (Relay) 800W @ 120VAC, 1200W @ 277VAC, 1500W @ 347VAC
Minimum Load: None
Motor Load: 1.5 AHP
Frequency: 50/60 Hz (Dimmer are 1.2x for 50Hz)
Temperature Rating: 0°C-60°C

LCP

OVERVIEW
The Blue Box LTD adds cost-effective 0-10V dimming with the Field Configurable Relay for Smart and simple switching and dimming. The Blue Box LTD is ideal for small to medium projects that require switching and dimming with a minimal footprint and the flexibility of configuring single pole relays into double or triple pole in the field.

FEATURES

- Distributed intelligence
- One 0-10V output per relay
- Non-volatile memory to store programming
- 10 year battery back-up for time of day
- Removable back plate for ease of installation
- UL V24 panel listing
- Available factory pre-programmed

Warranty
3-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/customerresources/terms_and_conditions.aspx

ORDERING INFORMATION

Enclosure	Door	Mounting, NEMA Rating
GR1404 LTD ENC 4 relay enclosure	SL - Hinged lockable	SM NEMA Surface Mount, NEMA 1 SM NEMA Surface Mount, NEMA 4X
GR1408 LTD ENC 8 relay enclosure	SC - Screw cover	SM NEMA Surface Mount, NEMA 1 SM NEMA Surface Mount, NEMA 4X
GR1416 LTD ENC 16 relay enclosure		

Relay Panel Interior	Control Card	Clock Option	Transformer	Input Card	Voltage Barrier
GR1404 LTD INT 4FCR 4 relay interior	IDM Dimming board	DIC Digital time clock	DM Dual voltage 250/277V	[blank] none	100V 1 Barrier
GR1408 LTD INT 8FCR 8 relay interior		REMORE Remote panel, no clock		ET4 14 inputs	100V 2 Barriers
GR1416 LTD INT 16FCR 16 relay interior					

Notes:
1. Relay only be ordered with a screw cover and surface mount door.
2. Availability of internal wire for normal and emergency power operation is up to the discretion of the authority having area jurisdiction.

4 DAYLIGHT HARVESTING PHOTCELL
N.T.S.

3 WALL MOUT OCCUPANCY SENSOR
N.T.S.

2 WALL MOUT OCCUPANCY SENSOR
N.T.S.

1 LIGHTING CONTROL PANEL SCHEMATIC AND SCHEDULE
N.T.S.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL

THIS PLAN REVIEW APPROVAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND THE CITY OF PERRIS. THIS APPROVAL IS LIMITED TO THE SPECIFIC PROJECT AND DOES NOT CONSTITUTE AN ENDORSEMENT OF ANY MATERIAL OR A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF PERRIS. THIS APPROVAL IS VOID WITHOUT THE SIGNATURE OF THE AUTHORITY HAVING JURISDICTION.

DATE: 12/08/2023

PROJECT NO.: 224642
DATE: 08/07/2022
SCALE: AS SHOWN
DRAWING NO. E102

DATE

REVISION

NO.

REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
No. E 420068

blueberry, inc.
ENGINEERING SERVICES
e-mail: info@blueberryinc.com
Tel: (949)945-9614
www.blueberryeng.com

PROJECT ADDRESS
CITY OF PERRIS
227 N. D STREET,
PERRIS, CA 92570

OWNER/CLIENT:
CITY OF PERRIS

PROJECT TITLE
EARLY CHILDHOOD CLASSROOM & OFFICE

SHEET TITLE
GENERAL NOTES LEGEND & ABBREVIATIONS

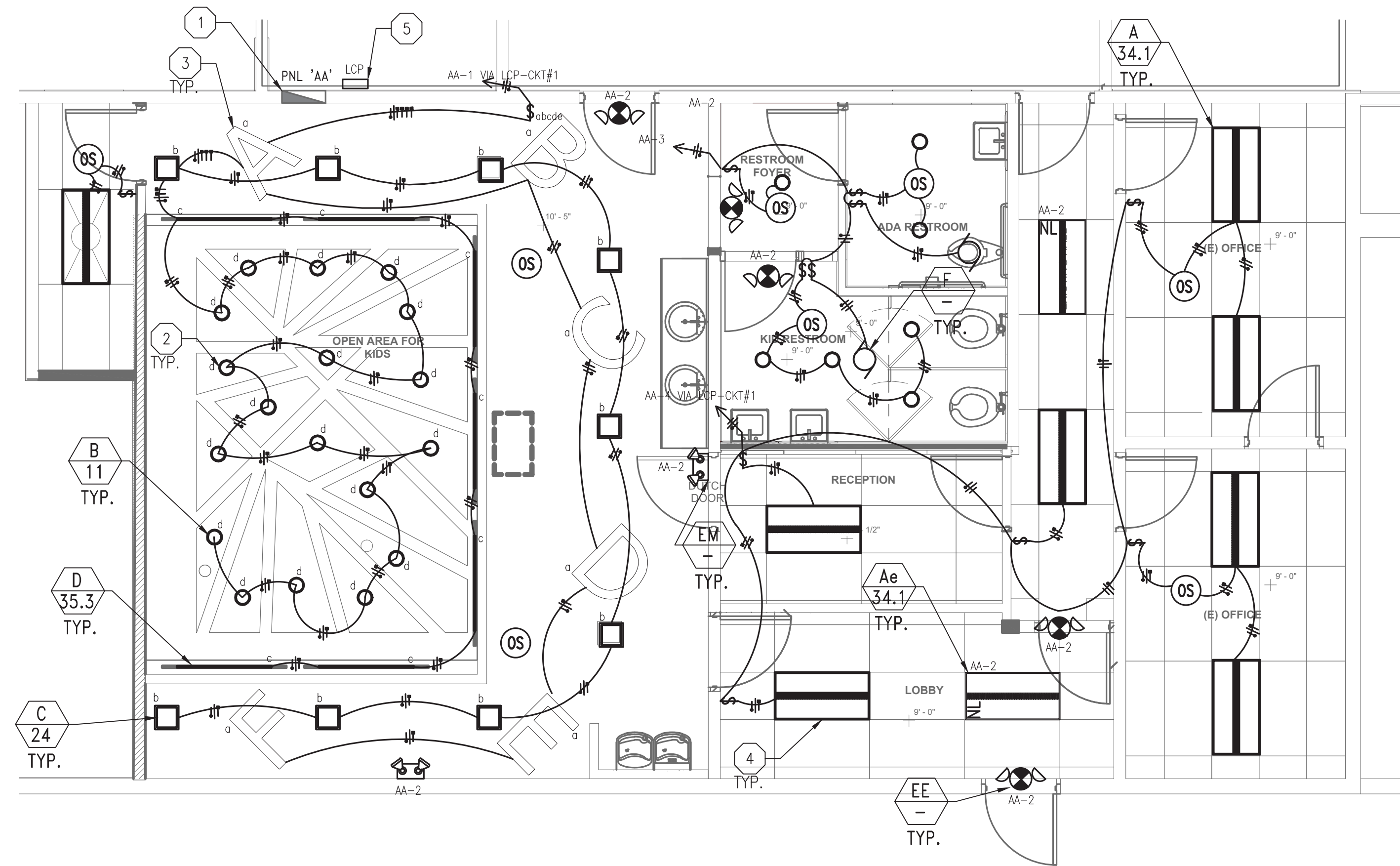
APP. BY:

CHK. BY:

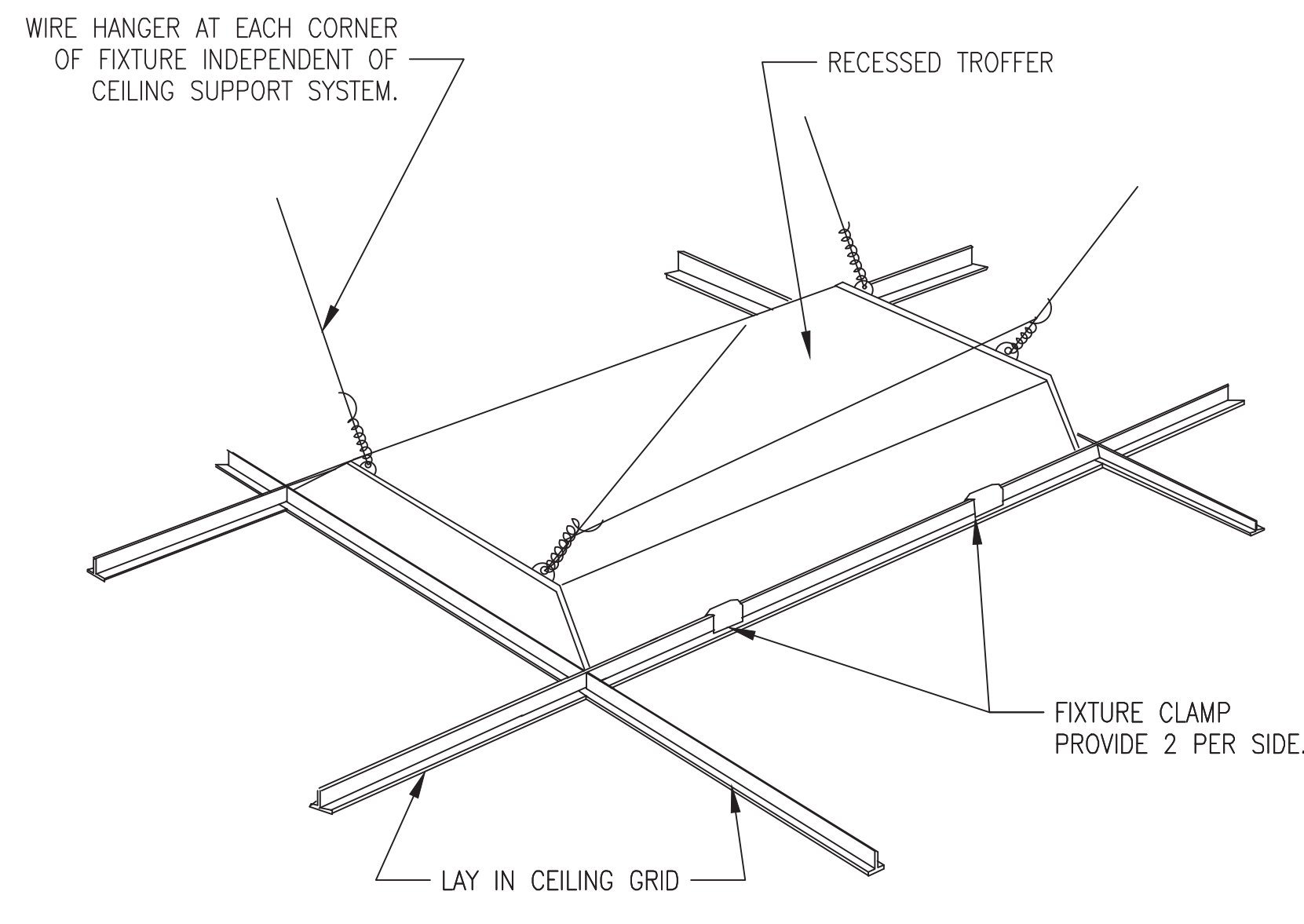
PROJECT NO.: 224642
DATE: 08/07/2022
SCALE: AS SHOWN
DRAWING NO. E102

KEYED NOTES

- 1 EXISTING ELECTRICAL PANEL. CONTRACTOR TO VERIFY THE LOCATION. SEE PANEL SCHEDULE ON E310.
- 2 PRIOR TO INSTALLATION AND CONDUIT WORKS, ELECTRICAL CONTRACTOR TO VERIFY AND FINALIZE ALL SWITCHES AND CONTROL LOCATIONS WITH ARCHITECT, OWNER, TENANT. FOR APPROVAL PERFORM NECESSARY ADJUSTMENTS IF NEEDED.
- 3 10W LETTER LIGHT. CONTRACTOR TO COORDINATE WITH THE OWNER PRIOR TO ORDER THE LETTER LIGHTS
- 4 SEE INSTALLATION DETAILS 2/E200
- 5 NEW LIGHTING CONTROL PANEL. SEE E102



1 LIGHTING SYSTEM PLAN
1/4"=1'-0"



2 T-BAR FIXTURE MOUNTING DETAIL
N.T.S.

ELECTRICAL LIGHTING PLAN NOTES:

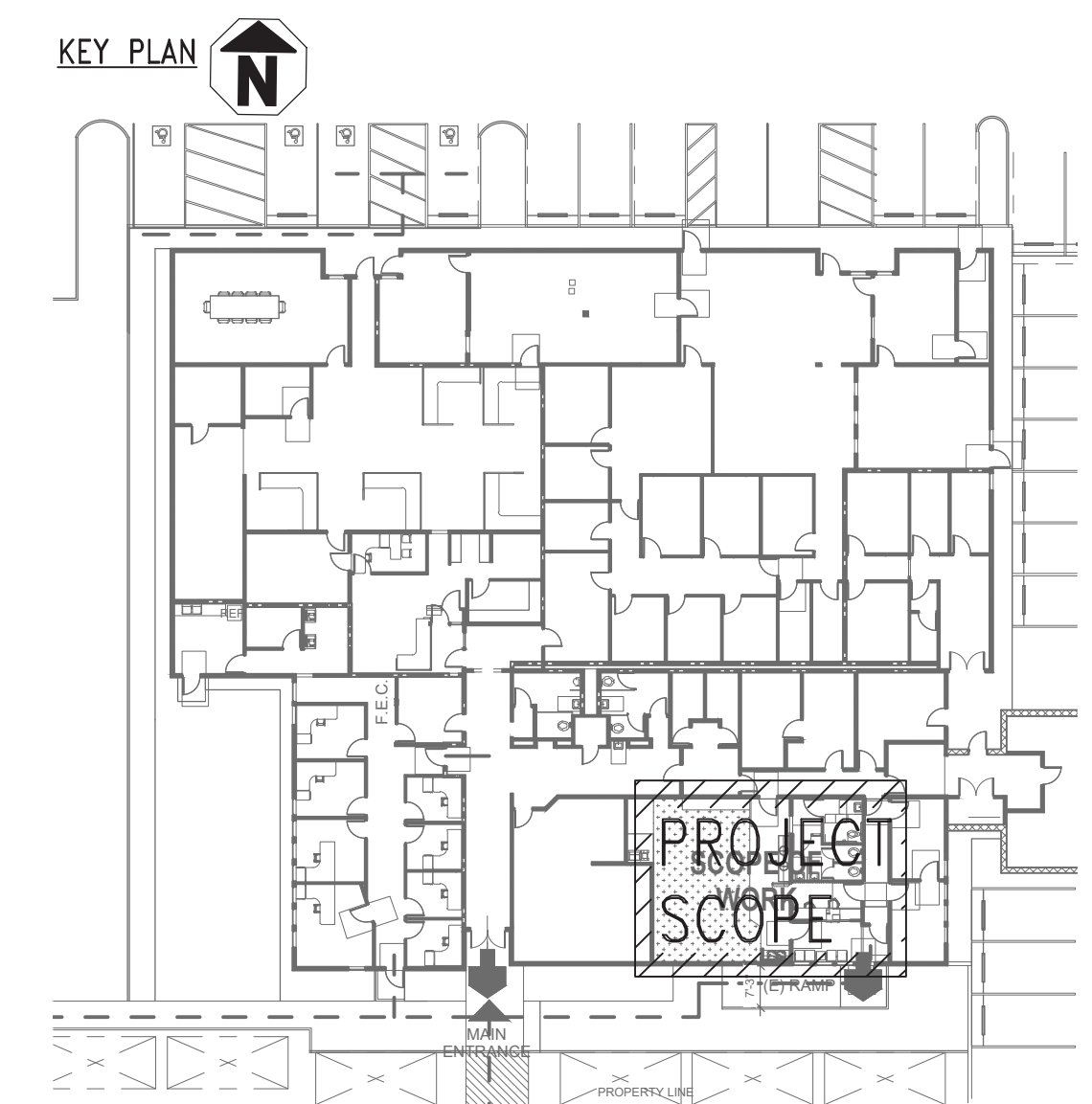
1. ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF THE ELECTRICAL AND COMMUNICATION PANELS
2. ELECTRICAL CONTRACTOR SHALL FOLLOW ALL SAFETY , NEC AND LOCAL CODES.
3. CONTRACTOR TO PROVIDE ALL HARDWARE , BRACKETS, LAMPS , TUBES, ETC. FOR A COMPLETE INSTALLATION.
4. ALL LIGHTING FIXTURES SHALL BE PERMANENTLY ATTACHED TO THE CEILING PER C.E.C. 410-16(C).
5. ALL CONDUITS/ RACEWAYS TO BE E.M.T., MC-CABLE OR METAL FLEX.
6. ALL NEW ELECTRICAL FIXTURES SHALL COMPLY WITH THE 2022 CALIFORNIA ENERGY EFFICIENCY STANDARDS.
7. ALL LIGHT FIXTURES AND LED DRIVES AND LIGHTS SHALL BE CALIFORNIA TITLE-24 APPROVED.
8. VERIFY LOCATION OF TELE/DATA/MEDIA RACKS WITH THE OWNER.
9. ALL WORK SHALL COMPLY WITH 2022 CEC & NEC2017.
10. USE RIGID METAL CONDUIT IN ALL AREAS EXPOSED TO WEATHER.
11. USE GROUND WIRE INSIDE ALL FLEXIBLE METAL CONDUITS.
12. METAL CONDUITS SHALL NOT BE INSTALLED IN CONTACT WITH EARTH.

CONSTRUCTION NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, AND THE PROJECT SPECIFICATIONS.
2. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE JOB SITE AND THE LOCATION OF ALL UNDERGROUND FACILITIES SHOWN OR NOT SHOWN ON THESE PLANS. NEITHER THE DISTRICT NOR THE ENGINEER WILL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND FACILITIES.
3. ALL ELECTRICAL EQUIPMENT AND WIRING SHALL BE LISTED AND LABELED BY AN APPROVED AGENCY. INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED LISTING.
4. SIGNS ARE ON SEPARATE PERMIT

LISTING NOTE:

1. ALL NEW ELECTRICAL EQUIPMENT SHALL BE UL CERTIFIED. CONTRACTOR TO VERIFY THE EQUIPMENT LISTING WITH THE EQUIPMENT VENDOR AND PROVIDE EQUIPMENT LISTING.



True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THESE PLANS AND DOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND I HEREBY CERTIFY THAT THE DOCUMENTS DO NOT VIOLATE ANY FEDERAL, STATE, NOR LOCAL REGULATION BY DATE: 10/08/2022
THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND NO ALTERATIONS TO ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY OCCUPANCY OR STRUCTURES IS NOT PERMITTED WITH THIS APPROVAL, GRANTED BY ALL APPLICABLE DEPARTMENTS

DATE	
REVISION	
NO.	
blueberry, inc. ENGINEERING SERVICES e-mail: info@blueberryinc.com Tel: (949)945-9614 www.blueberryeng.com	
OWNER/CLIENT:	CITY OF PERRIS
PROJECT ADDRESS:	CITY OF PERRIS 227 N. D STREET, PERRIS, CA 92570
PROJECT TITLE	EARLY CHILDHOOD CLASSROOM & OFFICE
SHEET TITLE	ELECTRICAL LIGHTING PLAN
PROJECT NO.:	224642
DATE:	08/07/2022
SCALE:	AS SHOWN
DRAWING NO.	E200
DRW. BY:	
CHK. BY:	
APP. BY:	

M:\01 - Blueberry Inc\02 - Blueberry Engineering\03 - Project\09 - 2022\Project\224642 - Building Early Childhood and Office\02 - Technical\2 - Review\224642-R-REV1.dwg

KEYED NOTES:

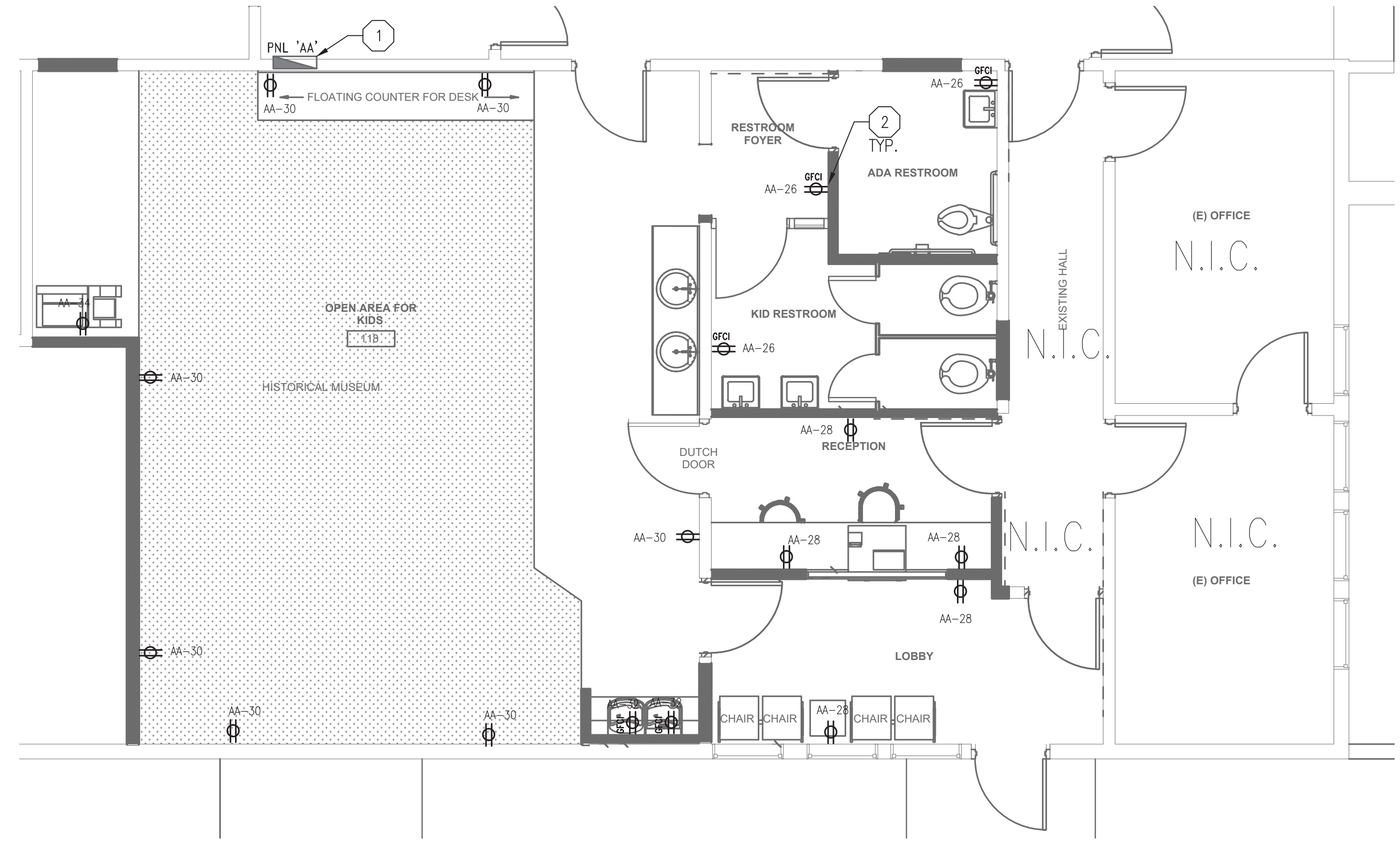
- ① EXISTING ELECTRICAL PANEL. CONTRACTOR TO VERIFY THE LOCATION. SEE PANEL SCHEDULE ON E310.
- ② PRIOR TO INSTALLATION AND CONDUIT WORKS, ELECTRICAL CONTRACTOR TO VERIFY AND FINALIZE ALL NEW RECEPTACLE LOCATIONS WITH ARCHITECT, OWNER, TENANT. FOR APPROVAL PERFORM NECESSARY ADJUSTMENTS IF NEEDED.

POWER PLAN NOTES:

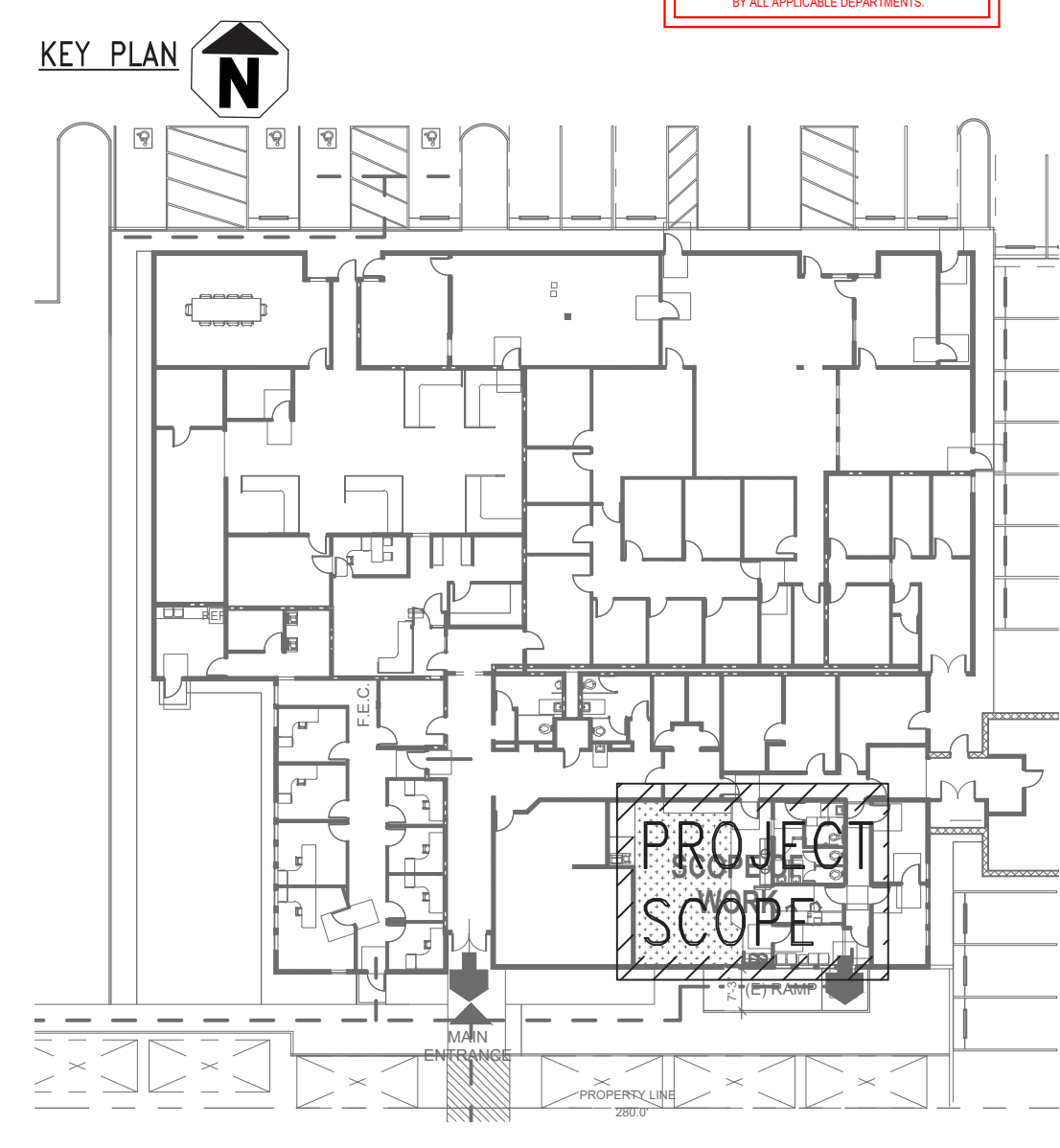
1. ALL RECEPTACLE OUTLETS SHALL BE LOCATED WITHIN ALLOWABLE REACH RANGES. LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND HIGH REACH SHALL BE MEASURED TO THE TOP OF OUTLET BOX. HIGH FORWARD REACH THAT IS UNOBSTRUCTED SHALL BE 48" MAXIMUM AND LOW FORWARD REACH SHALL BE 15" MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. ELECTRICAL CONTRACTOR SHALL FOLLOW ALL SAFETY, NEC AND LOCAL CODES.
3. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.
4. PROVIDE PROTECTION FROM PHYSICAL DAMAGE FOR SWITCHBOARDS, PANEL BOARDS AND OTHER ELECTRICAL EQUIPMENT.
5. ALL EQUIPMENT SHALL BE U.L. LISTED.
6. CONTRACTOR TO PROVIDE ALL HARDWARE, BRACKETS, LAMPS, TUBES, ETC.. FOR A COMPLETE INSTALLATION.
7. ALL CONDUITS/ RACEWAYS TO BE E.M.T., MC-CABLE OR METAL FLEX.
8. ALL NEW ELECTRICAL FIXTURES SHALL COMPLY WITH THE 2022 CALIFORNIA ENERGY EFFICIENCY STANDARDS.
9. ALL CONDUCTORS SHALL BE COPPER AND RATED 90°C AND 600 VOLTS. SIZES NO. 8 AWG AND LARGER SHALL BE STRANDED AND NO. 10 AND SMALLER SHALL BE SOLID. USE TYPE THHN/THWN-2/XHHW/XHHW-2.

CONSTRUCTION NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE PLANS, AND THE PROJECT SPECIFICATIONS.
2. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE JOB SITE AND THE LOCATION OF ALL UNDERGROUND FACILITIES SHOWN OR NOT SHOWN ON THESE PLANS. NEITHER THE DISTRICT NOR THE ENGINEER WILL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND FACILITIES.
3. ALL ELECTRICAL EQUIPMENT AND WIRING SHALL BE LISTED AND LABELED BY AN APPROVED AGENCY. INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED LISTING.



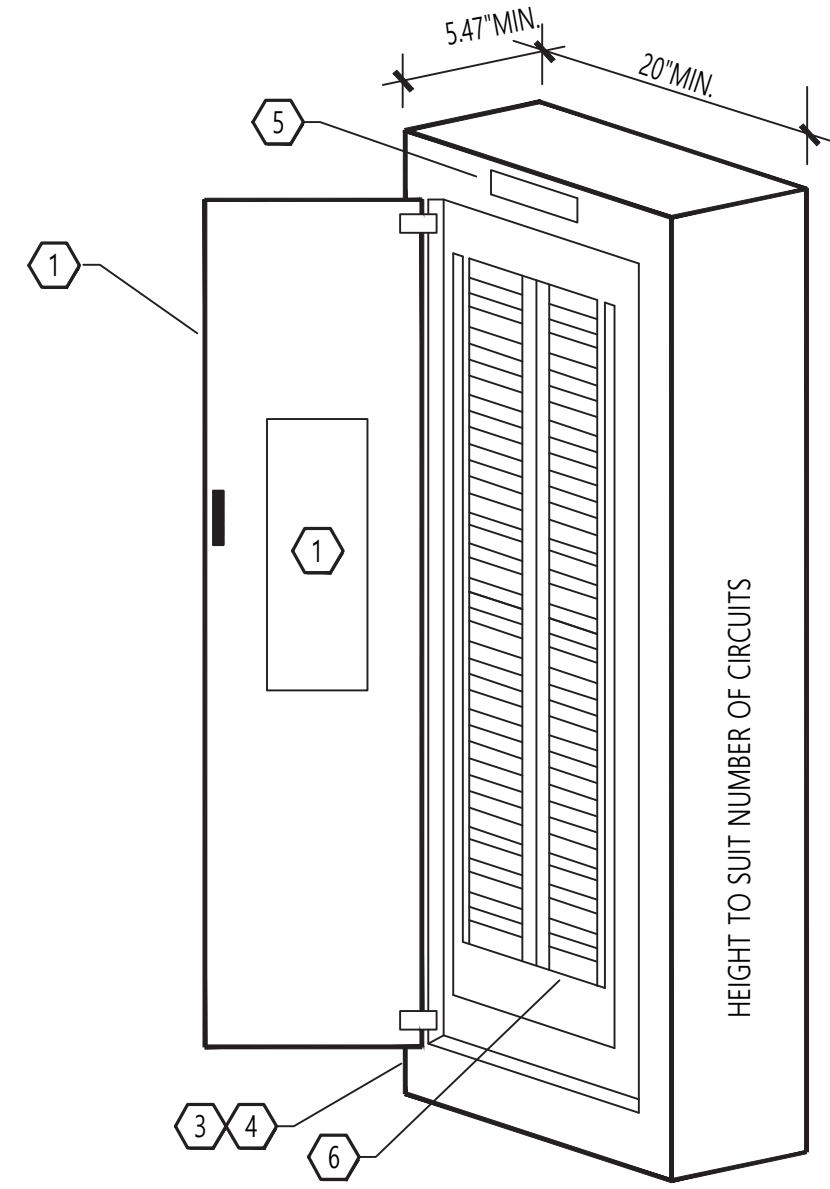
1 FLOOR POWER PLAN
1/4"=1'-0"



True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE PLANS/DRAWINGS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA ELECTRICAL CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND REFERRED BY THE JURISDICTION. PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT CONSTITUTE AN ENDORSEMENT OR GUARANTEE OF ANY FEDERAL, STATE, NOR LOCAL REGULATION BY THE STATE OF CALIFORNIA (2008/2022).
 THIS SET OF THE PLAN AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND BE AVAILABLE TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY ENGINEER OR STRUCTURES DEPARTMENT. PERMITTED WITH THE APPROVAL, GRANTED BY ALL APPLICABLE DEPARTMENTS.

A	B	C	D	E	F	G	H	I	J	NO.	REVISION	DATE
PROJECT TITLE EARLY CHILDHOOD CLASSROOM & OFFICE										PROJECT ADDRESS CITY OF PERRIS 227 N. D STREET, PERRIS, CA 92570		
SHEET TITLE ELECTRICAL POWER PLAN										PROJECT NO.: 224642		
DRAWN BY: APP. BY: CHK. BY:										DATE: 08/07/2022		
DRAWING NO. E300										SCALE: AS SHOWN		
THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF BLUEBERRY INC., AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF BLUEBERRY INC. ALL RIGHTS RESERVED.										OWNER/CLIENT: CITY OF PERRIS		
BLUEBERRY, INC. ENGINEERING SERVICES e-mail: info@blueberryinc.com Tel: (949)945-9614 www.blueberryeng.com										REGISTERS PROFESSIONAL ENGINEER NO. E-20068 ELECTRICAL STATE OF CALIFORNIA		

M:\01 - Blueberry Inc\02 - Blueberry Engineering\03 - Projects\1609 - 2022 Projects\224642 - Building Early Childhood and Office\2 - Technical\2 - Review\224642-E300-REV1.dwg
 Plotted: Wednesday, November 08, 2023 12:37 PM



SPECIFIC NOTES:

1. COVER ON INSIDE OF DOOR.
2. ALL CABINETS KEYED ALIKE. KEYS TO MATCH EXISTING PANEL BOARD WHERE ADDING TO EXISTING FACILITY.
3. WHERE INDICATED ON SCHEDULE PROVIDE VERTICALLY MOUNTED MAIN BREAKER AHEAD OF PANEL BUS.
4. FLUSH OR SURFACE MOUNTED PANEL BOARD AS INDICATED ON DRAWINGS.
5. FACTORY INSTALLED METAL CIRCUIT NUMBERS SCREWED OR RIVETED TO TRIM.
6. LAMINATED, ENGRAVED NAME PLATE.

PANEL SCHEDULE												
PANEL NAME: AA (EXISTING)				LOCATION: AS SHOWN				FEED FROM:				
DESCRIPTION	LOAD (VA)	DMD.	BKR. (AMP)	CIR. #	PHASE-A (VA)	PHASE-B (VA)	PHASE-C (VA)	CIR. #	BKR. (AMP)	DMD.	LOAD (VA)	DESCRIPTION
(N) KID'S AREA LIGHTS	719	1.00 N	20	1	795			2	20	1.00 N	76	EMERGENCY-EXIT LIGHTS
(N) RESTROOM LIGHTS AND FANS	237	1.00 N	20	3		475		4	20	1.00 N	238	(N) OFFICE AND RECEPTION LTG
JURY	1200	1.00 N	20	5			1200	6	20	1.00 N	0	SPARE
(E) LIBRARY OFFICE	1080	1.00 N	20	7	2280			8	20	1.00 N	1200	(E) CORRIDOR
(E) SHERIFF WAIT HALL	1080	1.00 N	20	9		2160		10	20	1.00 N	1080	(E) RESTROOM
(E) SHERIFF OFFICE	1080	1.00 N	20	11			2160	12	20	1.00 N	1080	(E) RESTROOM
SPARE	0	1.00 N	20	13	0			14	20	1.00 N	0	SPARE
SPARE	0	1.00 N	20	15		1500		16	20	1.00 N	1500	D.F.
(E) RESTROOMS	540	1.00 N	20	17			1740	18	20	1.00 N	1200	(E) COURT ROOM CORRIDOR
(E) SHERIFF WAITING	1080	1.00 N	20	19	1980			20	20	1.00 N	900	(E) OFFICE LIBRARY
(E) SHERIFF OFFICE	1080	1.00 N	20	21		1800		22	20	1.00 N	720	(E) JURY COURT
(E) MICROWAVE	1200	1.00 N	20	23			1780	24	20	1.00 N	580	(E) EXTERIOR BUILDING LTG
(E) REFRIGERATOR	500	1.00 N	20	25	1040			26	20	1.00 N	540	(N) RESTROOM REC. [GFCI]
(E) RECEPTACLES	900	1.00 N	20	27		1800		28	20	1.00 N	900	(N) RECEPTION AND LOBBY REC.
(E) RECEPTACLES	900	1.00 N	20	29			1980	30	20	1.00 N	1080	(N) KID'S AREA
(E) RECEPTACLES	900	1.00 N	20	31	1260			32	20	1.00 N	360	(N) WATER FOUNTAIN [GFCI]
(E) RECEPTACLES	900	1.00 N	20	33		1650		34	20	1.00 N	750	(N) PRINTER
SPACE	0	1.00 N	20	35			0	36		1.00 N	0	SPACE
SPACE	0	1.00 N	20	37	0			38		1.00 N	0	SPACE
SPACE	0	1.00 N		39		0		40		1.00 N	0	SPACE
SPACE	0	1.00 N		41			0	42		1.00 N	0	SPACE
					7355	9385	8860					
PANEL SIZE: 100 A				GROUND: X				NOTES:				
VOLTAGE: 208 V 120 V				MOUNTING: FLUSH				1. ALL BREAKERS ARE FULLY RATED.				
PHASE: 3				ENCLOSURE: NEMA 1				2. ALL NEW BREAKERS SHALL MATCH WITH THE EXISTING ONES.				
WIRE: 4				MAIN BREAKER: 100 A								
NEUTRAL: X				LUG ONLY: -								
AIC RATING: KAIC				CONNECTED LOAD: 25.6 KVA								
BUS: 100 A				FEEDER AMPACITY: 71.1 A								
DEMAND COLUMN VALUES- (DMD.) 1.0 @ 100% N=NON CONTINUOUS, 1.25@125% C=CONTINUOUS, M=LARGEST MOTOR CONNECTED, L=LIGHTING LOAD												

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND AGREED BY THE JURISDICTION. PLAN REVIEW ACCEPTANCE OF ANY FEDERAL, STATE AND LOCAL REGULATION BY DATE: 12/06/2023.
 THIS SET OF PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND TO BE RELEASED TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY. OCCUPANCY FOR STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF BLUEBERRY INC., AND IS NOT TO BE USED IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF BLUEBERRY ENGINEERING © 2022 BLUEBERRY INC. ALL RIGHTS RESERVED.

PROJECT TITLE
 EARLY CHILDHOOD CLASSROOM & OFFICE

PROJECT ADDRESS
 CITY OF PERRIS
 227 N. D STREET,
 PERRIS, CA 92570

OWNER/CLIENT:
 CITY OF PERRIS

PROJECT NO.:
 224642

DATE:
 08/07/2022

SCALE:
 AS SHOWN

DRAWING NO.:
E310

SHEET TITLE
 ELECTRICAL EXISTING PANEL SCHEDULE

DATE

REVISION

NO.

DATE

APP. BY:

CHK. BY:

Blueberry, inc.
 ENGINEERING SERVICES
 e-mail: info@blueberryinc.com
 Tel: (949)945-9614
 www.blueberryeng.com

REGISTERED PROFESSIONAL ENGINEER
 ELECTRICAL
 STATE OF CALIFORNIA
 NO. E 420068

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
This document is used to demonstrate compliance with requirements in 130.9, 130.10, 130.11, 140.6 and 141.0(b)(2) for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e) and 180.2(b)(4) for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.
Project Name: Early Child Hood Report Page: (Page 1 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00

A. GENERAL INFORMATION
01 Project Location (city) Perris 04 Total Conditioned Floor Area (ft²) 1,310
02 Climate Zone 10 05 Total Unconditioned Floor Area (ft²) 0
03 Occupancy Types Within Project (select all that apply): 06 # of Stories (Habitable Above Grade) 1
• Office
B. PROJECT SCOPE
This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)(4) / 180.2(b)(4) for alterations.
Scope of Work Conditioned Spaces Unconditioned Spaces
01 02 03 04 05
My Project Consists of (check all that apply): Calculation Method Area (ft²) Calculation Method Area (ft²)
☐ New Lighting System Area Category Method 1310 N/A 0
☐ New Lighting System - Parking Garage N/A 0 N/A 0
Total Area of Work (ft²) 1310

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 4 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00
H. INDOOR LIGHTING CONTROLS (Not including PAFs)
This table includes lighting controls for conditioned and unconditioned spaces.
Building Level Controls
01 02 03
Mandatory Demand Response 110.12(c) Shut-off controls 130.1(c) / 160.5(b)(4) Field Inspector
Pass Fail
NA < 4,000W subject to multilevel See Area/Space Level Controls
Area Level Controls
04 05 06 07 08 09 10 11 12
Area Description Complete Building or Area Category Primary Function Area Manual Area Controls 130.1(b) / 160.5(b)(4) Multi-Level Controls 130.1(b) / 160.5(b)(4) Shut-Off Controls 130.1(c) / 160.5(b)(4) Primary/Sky lit Daylighting 130.1(d) / 160.5(b)(4) Secondary Daylighting 130.1(d) / 160.5(b)(4) Interlocked Systems 140.6(a)1 / 170.2(e)2A Field Inspector
Pass Fail
Office Office (>250 square feet) Readily Accessible Multilevel Switch Auto. Time Switch NA: Not daylight zone NA: Not daylight zone Yes
Restroom Restroom Readily Accessible NA: Restrooms Occupancy Sensor NA: Not daylight zone NA: Not daylight zone Yes
Lobby & Reception Main Entry Lobby Readily Accessible Multilevel Switch Auto. Time Switch NA: Not daylight zone NA: Not daylight zone Yes
Open Area for Kids Classroom, Lecture, or Training Vocational Readily Accessible Multilevel Switch Auto. Time Switch NA: Not daylight zone NA: Not daylight zone Yes
Plan Sheet Showing Daylit Zones:

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 2 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00
C. COMPLIANCE RESULTS
If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.
Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b) / 170.2(e)
Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts) Adjusted Lighting Power per 140.6(b) / 170.2(e) (Watts) Compliance Results
01 02 03 04 05 06 07 08 09
Complete Building 140.6(c)1 Area Category 140.6(c)2 / 170.2(e)4 Additional Category 140.6(c)2G / 170.2(e)4H Tailored 140.6(c)3 / 170.2(e)4B Total Allowed (Watts) Total Designed (Watts) PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B Total Adjusted (Watts) *Includes Adjustments
Conditioned 811.7 ≥ 797 = 811.7 ≥ 797 = 797 COMPLIES
Unconditioned = = = = = = = = = = COMPLIES
Controls Compliance (See Table H for Details) COMPLIES
Rated Power Reduction Compliance (See Table Q for Details) COMPLIES
D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.
E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 5 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00
I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
Each area complying using the Complete Building or Area Category Methods per 140.6(b) is included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used.
Conditioned Spaces
01 02 03 04 05 06
Area Description Complete Building or Area Category Primary Function Area Allowed Density (W/ft²) Area (ft²) Allowed Wattage (Watts) Additional Allowance / Adjustment Area Category PAF
Office Office (>250 square feet) 0.6 260 156 No No
Restroom Restroom 0.65 136 88.4 No No
Lobby & Reception Main Entry Lobby 0.7 189 132.3 No No
Open Area for Kids Classroom, Lecture, or Training Vocational 0.6 725 435 No No
TOTALS: 1,310 811.7 See Tables I, or P for detail
J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This section does not apply to this project.
K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This section does not apply to this project.
L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This section does not apply to this project.
M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This section does not apply to this project.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 8 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: KOUROSH A. SHARIFABAD, PE Documentation Author Signature:
Company: BLUEBERRY, INC. Signature Date: 11/8/2023
Address: 25108 MARGUERITE PKWY, SUITE A123 CEAA/HERS Certification Identification (if applicable):
City/State/Zip: MISSION VIEJO, CA 92692 Phone: 949-945-9614
RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
Responsible Designer Name: KOUROSH A. SHARIFABAD, PE Responsible Designer Signature:
Company: BLUEBERRY, INC. Date Signed: 11/8/2023
Address: 25108 MARGUERITE PKWY, SUITE A123 License: E20068
City/State/Zip: MISSION VIEJO, CA 92692 Phone: 949-945-9614

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 3 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00
F. INDOOR LIGHTING FIXTURE SCHEDULE
This table includes all planned permanent and portable lighting other than dwelling unit/hotel/motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.
Designed Wattage: Conditioned Spaces
01 02 03 04 05 06 07 08 09 10
Name or Item Tag Complete Luminaire Description Modular (Track) Fixture Small Aperture & Color Change¹ Watts per luminaire² How is Wattage determined Total Number of Luminaires Excluded per 140.6(a)3 / 170.2(e)2C Design Watts Field Inspector
Pass Fail
A 2X4 LED JGTL4 No NA 34 Mfr. Spec 7 No 238
Ae 2X4 LED 2GTL4 w/Backup Battery No NA 34 Mfr. Spec 2 No 68
B 4" LED DIMMABLE DOWN LIGHT LITHONIA LDN4 3510 No NA 11 Mfr. Spec 25 No 275
C 1X1 LED FIXTURE WESTGATE SSL12-MCTS No NA 24 Mfr. Spec 9 No 216
D LED STRIP LIGHT LITHONIA CSS L48 400LM MV/DLT 40K 80CRI No NA 35.29 Mfr. Spec 1 Exempt ---
Total Designed Watts: CONDITIONED SPACES 797
FOOTNOTE: Design Watts for small aperture and color-changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
¹Authority Having Jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 6 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00
N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS
This section does not apply to this project.
O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This section does not apply to this project.
P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
This section does not apply to this project.
Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS
This section does not apply to this project.
R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS
This section does not apply to this project.
S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
This section does not apply to this project.
T. DWELLING UNIT LIGHTING
This section does not apply to this project.

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Indoor Lighting
CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 7 of 8)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08T15:29:54-05:00
U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online
Form/Title
NRCI-LTI-E - Must be submitted for all buildings
V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html
Form/Title Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls. Office; Restroom; Lobby & Reception; Open Area for Kids
NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls. Office; Restroom; Lobby & Reception; Open Area for Kids

DATE REVISION NO. PROJECT TITLE: EARLY CHILDHOOD CLASSROOM & OFFICE SHEET TITLE: ELECTRICAL TITLE-24 PROJECT NO.: 224642 DATE: 08/07/2022 SCALE: AS SHOWN DRAWING NO. E400
OWNER/CLIENT: CITY OF PERRIS PROJECT ADDRESS: CITY OF PERRIS, 227 N. D STREET, PERRIS, CA 92570
blueberry, inc. ENGINEERING SERVICES
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL
STATE OF CALIFORNIA
No. E20068
e-mail: info@blueberryinc.com
Tel: (949)945-9614
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M:\01-Blueberry Inc\02-Blueberry Engineering\03-Projects\09 - 2022\Projects\224642 - Building Early Childhood and Office\2 - Technical\3 - Electrical\3.24642-E-REV1.dwg
Plotted: Wednesday, November 08, 2023 12:37 PM

MECHANICAL LEGEND & ABBREVIATIONS

Table with 2 columns: SYMB. and DESCRIPTION. Includes symbols for square supply air diffuser, return or transfer grille, exhaust grille, sidewall supply grille, sidewall return or exhaust grille, linear slot, combination fire/smoke damper, fire damper, existing to remain/below grade/removed/new/below grade, round duct indicator, motor operated, thermostat, differential pressure sensor, duct smoke detector, pump, supply air symbol, and return air symbol.



ADDITIONAL NOTES:

- 1. ALL MECHANICAL EQUIPMENT AND SYSTEMS INSTALLED AS PART OF PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE 2022 CALIFORNIA MECHANICAL CODE AND THE 2022 CALIFORNIA BUILDING CODE, 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE AND THE 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS.
2. PROVIDE 120 VOLT ELECTRICAL OUTLETS WITHIN 25 FT. OF ALL ROOF MOUNTED AND OUTDOOR MECHANICAL EQUIPMENT. (CMC 301.4) ALL MECH. EQUIP. (CMC 301.4)
3. ALL DUCTWORK FOR HEATING AND COOLING SYSTEM OR EVAPORATIVE COOLING SYSTEM SHALL BE CONDUCTED THROUGH DUCT SYSTEMS CONSTRUCTED OF METAL AS SET FORTH IN THE SMACNA HVAC DUCT CONSTRUCTION STANDARD - METAL AND FLEXIBLE. FACTORY MADE AIR DUCTS SHALL BE APPROVED FOR THE USE INTENDED OR SHALL COMPLY WITH THE 2022 CMC REFERENCED STANDARDS CHAPTER 17. (CMC 602.1)
4. THE REQUIRED SERVICE DISTANCE FROM MECHANICAL EQUIPMENT TO SCREENING, PARAPETS, WALLS AND OTHER EQUIPMENT SHALL BE A MINIMUM OF 30" X 30" ON THE SERVICE SIDE OF THE EQUIPMENT, OR AS REQUIRED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, IF THE INSTRUCTIONS REQUIRE A GREATER CLEARANCE. (CMC SECTION 304.1)
5. ALL APPLIANCES DESIGNED TO BE IN A FIXED POSITION SHALL BE SECURELY FASTENED IN PLACE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. SUPPORTS FOR APPLIANCES SHALL BE DESIGNED AND CONSTRUCTED TO RESIST HORIZONTAL AND VERTICAL LOADS WITHIN THE STRESS LIMITATIONS OF THE CBC. (CMC 303.5)
6. ALL APPLIANCES SHALL BE ACCESSIBLE FOR SERVICE, INSPECTION REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION. SUFFICIENT CLEARANCE SHALL BE MAINTAINED TO PERMIT CLEANING, REPLACEMENT OF FILTERS, BLOWERS, MOTORS CONTROLS AND LUBRICATION OF MOVING PARTS. 30 INCHES OF CLEARANCE IN DEPTH WIDTH AND HEIGHT SHALL BE PROVIDED TO SERVICE THE APPLIANCE OR EQUIPMENT. (CMC 304.1)
7. MECHANICAL DUCT PENETRATIONS OF A NON-FIRE RESISTANCE RATED FLOOR ASSEMBLY SHALL BE PROTECTED WITH A SHAFT ASSEMBLY IN ACCORDANCE WITH CBC SECTION 708. OR, WHEN THE DUCT CONNECTS NOT MORE THAN TWO STORIES, THE ANNUAL SPACE AROUND THE PENETRATING DUCT MUST BE PROTECTED WITH AN APPROVED NONCOMBUSTIBLE MATERIAL THAT RESISTS THE FREE PASSAGE OF FLAME AND PRODUCTS OF CONSTRUCTION. (CBC 716.6.3)
8. OUTSIDE AIR FOR A HEATING OR COOLING SYSTEM SHALL NOT BE TAKEN FROM CLOSER THAN 10 FEET FROM AN APPLIANCE VENT OUTLET, VENT OPENING OF A PLUMBING SYSTEM, OR THE DISCHARGE OUTLET OF EXHAUST FAN, UNLESS THE OUTLET IS 3 ABOVE THE OUTSIDE AIR INLET. (CMC 314.3)
9. ALL MATERIALS EXPOSED WITHIN DUCTS AND PLENUMS INCLUDING ANY ABOVE CEILING RETURN AIR PLENUM SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED TWENTY-FIVE (25) AND A SMOKE DEVELOPED INDEX NOT TO EXCEED THEN FIFTY (50) WHEN TESTED AS A COMPOSITE PRODUCT IN ACCORDANCE WITH ASTM E 84 OR UL 723 AND SHALL COMPLY WITH ALL REQUIREMENTS OF THE 2013 CMC SECTION 602.2

CODE INFORMATION:

THE CONTRACTOR SHALL CONFORM TO ALL CODES, ORDINANCES, ETC. WHICH HAVE JURISDICTION OVER THIS WORK. BELOW IS A LIST OF MAJOR STANDARDS LISTED FOR CONVENIENCE ONLY. REFERENCE TO A STANDARD MEANS, THE LATEST EDITION OF SUCH STANDARD AT DATE OF BUILDING PERMIT. THE CONTRACTOR SHALL RETAIN RESPONSIBILITY FOR COMPLIANCE WITH LATEST REVISIONS OF ALL OTHER APPLICABLE CODES AND ORDINANCES NOT LISTED HEREIN .

- CALIFORNIA BUILDING CODE (CBC) 2022
CALIFORNIA MECHANICAL CODE (CMC) 2022
CALIFORNIA PLUMBING CODE (CPC) 2022
CALIFORNIA ELECTRICAL CODE (CEC) 2022
CALIFORNIA ENERGY CODE (TITLE 24, PART 6) 2022

MECHANICAL GENERAL NOTES:

- 1. CONTRACTOR SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
2. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS , REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY OWNER OF ANY DISCREPANCIES BEFORE STARTING WORK.
3. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE , LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK , CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
4. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY, INCLUDING APPLICABLE SECTIONS OF NFPA , OSHA, UBC, OR ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL, PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK.OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
5. MOUNT PROGRAMMABLE THERMOSTATS AT 48" AFF CENTERLINE UNLESS INDICATED OTHERWISE ON PLAN.
6. ALL ELBOWS TO BE RADIUS UNLESS SPECIFICALLY SHOWN OTHERWISE.
7. INSTALL DUCTWORK TIGHT TO BOTTOM OF STRUCTURE.
8. ALL VOLUME DAMPERS SHALL BE LOCKING TYPE.
9. MECHANICAL CONTRACTOR SHALL VERIFY THAT ALL EQUIPMENT , AS SHOWN ON THESE DRAWINGS, WILL NOT CONFLICT WITH ANY DRAINS, SCUTTLES, JOINTS, VENTS, PIPING OR EQUIPMENT.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RECEIVE, OFF-LOAD, STORE, INSURE, CARRY UP , DISPOSE OF DEBRIS AND SET IN PLACE ALL OWNER FURNISHED ITEMS AND EQUIPMENT.
11. MECHANICAL CONTRACTOR SHALL PROVIDE COMPLETE INFORMATION AND COOPERATION TO THE OTHER CONTRACTORS AND TRADES AS REQUIRED FOR COMPLETION AND COORDINATION OF THE COMPLETE PROJECT .
12. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ADMINISTERING ALL WARRANTIES ON EQUIPMENT WHICH INSTALLS.
13. ALL FLEXIBLE DUCTS SHALL BE SUPPORTED EVERY 3'-0" WITH 2" WIDE GALVANIZED STEEL BANDS WITH A MINIMUM OF ONE PER EACH SECTION OF FLEXIBLE DUCT. THE MAXIMUM ALLOWABLE LENGTH OF THE FLEX DUCT SHALL BE 5'-0".
14. NO FLEXIBLE DUCTWORK SHALL BE ALLOWED IN EXPOSED CONDITION FOR ABOVE INACCESSIBLE CEILINGS.
15. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
16. ALL MECHANICAL EQUIPMENTS SHALL BE INSTALLED , ANCHORED AND BRACED IN ACCORDANCE WITH LOCAL SEISMIC RESTRAINT REQUIREMENTS..
17. PROVIDE SPLITTER DAMPERS AT ALL SUPPLY AIR BRANCH DUCT TAKEOFFS FROM MAIN DUCT.
18. CONCEALED DUCTWORK SHALL BE NEW , PRIME GRADE, CONTINUOUS HOT-DIP MILL GALVANIZED, LOCK-FORMING QUALITY STEEL SHEETS. EXPOSED DUCTWORK SHALL BE "PAINT-GRIP" . DUCTS SHALL BE LOW PRESSURE CLASSIFIED WITH 2 IN. WG AND IN ACCORDANCE TO SMACNA STANDARDS. PROVIDE COLLARS AT EXPOSED DUCT WALL PENETRATIONS. DUCT LINING SHALL BE 1" ACOUSTICAL DUCT LINING IN ACCORDANCE WITH SMACNA STANDARDS.
SHEET METAL GALVANIZED IRON FABRICATED AND INSTALLED AS PER 2022 CALIFORNIA MECHANICAL CODE AND CALIFORNIA TITLE 24 STANDARD.
SUPPLY AND RETURN MAINS
A. SPIRAL DUCT FABRICATED, INSTALLED AND INSULATED AS PER CODE.
OR
B. RECTANGULAR OR ROUND, FABRICATED AND INSTALLED AS PER UNIFORMED MECHANICAL CODE AND INSULATED PER INSULATION SCHEDULE.
FINAL CONNECTORS TO AIR DEVICES
FLEXIBLE FIBERGLASS DUCT. MAXIMUM 7'-0" LONG, 1 1/2" THICK HEAVY DENSITY FIBERGLASS WITH LINER AND CAPOR JACKET, CLASS 1, STANDARD 181.
19. WITHIN 90 DAYS AFTER ISSUANCE OF CERTIFICATE OF OCCUPANCY RECORD DRAWINGS SHALL BE PROVIDED TO THE OWNER. IF ANY CHARACTERISTIC IS MATERIALLY CHANGED BEFORE FINAL CONSTRUCTION AND INSTALLATION, SUCH THAT THE BUILDING MAY NO LONGER COMPLY WITH PART6, THE BUILDING MUST BE BROUGHT INTO COMPLIANCE, AND SO INDICATED ON AMENDED PLANS AND CERTIFICATE OF COMPLIANCE THAT SHALL BE SUBMITTED FOR PLAN APPROVAL.SEC.10-103(a)2B
20. THE BUILDER SHALL PROVIDE THE BUILDING OWNER OR THE PERSON(S) RESPONSIBLE FOR BUILDING MAINTENANCE (IN CASE OF MULTI-TENENANT OR CENTRALLY OPERATED BUILDINGS) AT OCCUPANCY THE FOLLOWING:
A. OPERATING INFORMATION; THE APPROPRIATE CERTIFICATE(S) OF COMPLIANCE AND A LIST OF THE FEATURES, MATERIALS,COMPONENTS, AND MECHANICAL DEVICES INSTALLED IN THE BUILDING AND INSTRUCTIONS ON HOW TO OPERATE THEM EFFICIENTLY.
B. MAINTENANCE INFORMATION: REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY STATED AND INCORPORATED ON A READILY ACCESSIBLE LABEL. THE LABEL MAY BE LIMITED TO IDENTIFYING THE OPERATION AND MAINTENANCE MANUAL.
C. VENTILATION INFORMATION: A DESCRIPTION OF THE QUANTITIES OF OUTDOOR AND RE-CIRCULATED AIR THAT THE VENTILATION SYSTEMS ARE DESIGNED TO PROVIDE TO EACH AREA.SEC.10-13(b)

TITLE24 NOTES:

- 1. DUCTWORK, INCLUDING INSULATION, SHALL CONFIRM TO CALIFORNIA ADMINISTRATIVE CODE, 2022 TITLE 24, AND THE CMC LOW VELOCITY DUCT CONSTRUCTION STANDARDS, LATEST 2022 EDITION.
2. THE PIPING FOR ALL SPACE CONDITIONING AND SYSTEMS SHALL BE INSULATED IN ACCORDANCE WITH TABLE 4-3 OF THE CALIFORNIA ENERGY COMMISSION,2022 ENERGY EFFICIENCY STANDARDS MANUAL.
3. TRANSVERSE JOINTS FOR ALL AIR SUPPLY DUCTS INSTALLED WHERE AIR LEAKAGE WOULD BE NON-BENEFICIAL TO THE OCCUPIED AREA TEMPERATURE REQUIREMENTS SHALL BE SEALED WITH APPROVED MASTIC TAPE.
4. A MAINTENANCE LABEL SHALL BE AFFLICTED TO MECHANICAL EQUIPMENT AND A MAINTENANCE MANUAL SHALL BE PROVIDED FOR THE OWNERS USE.
5. DUCT SYSTEMS USED WITH BLOWER TYPE EQUIPMENT WHICH ARE PORTIONS OF A HEATING, COOLING, ABSORPTION,EVAPORATIVE COOLING OR OUTDOOR AIR VENTILATION SYSTEM SHALL BE SIZED IN ACCORDANCE WITH CHAPTER 17 REFERENCE STANDARDS OF THE CALIFORNIA MECHANICAL CODE.
6. THE PERSON WITH THE OVERALL RESPONSIBILITY FOR CONSTRUCTION OR THE PERSON RESPONSIBLE FOR THE INSTALLATION OF THE REGULATED MANUFACTURED DEVICES SHALL POST, OR MAKE AVAILABLE WITH THE BUILDING PERMIT(S) ISSUED FOR THE BUILDING, THE INSTALLATION CERTIFICATE(S) SHALL BE MADE AVAILABLE TO THE ENFORCEMENT AGENCY FOR ALL APPROPRIATE INSPECTIONS. THESE CERTIFICATES SHALL:
A. IDENTIFY FEATURES REQUIRED TO VERIFY COMPLIANCE WITH THE APPLIANCE STANDARDS AND PART 6.
B. INCLUDE A STATEMENT INDICATED THAT THE INSTALLED DEVICES CONFORM TO THE APPLIANCE STANDARDS AND PART 6 AND THE REQUIREMENTS FOR SUCH DEVICES GIVEN IN THE PLANS AND SPECIFICATION APPROVED BY THE LOCAL ENFORCEMENT AGENCY.
C. STATE THE NUMBER OF THE BUILDING PERMIT UNDER WHICH THE CONSTRUCTION OR INSTALLATION WAS PERFORMED.
7. 7-AFTER INSTALLING WALL, CEILING, OR FLOOR INSULATION, THE INSTALLER SHALL MAKE AVAILABLE TO THE ENFORCEMENT AGENCY OR POST IN A CONSPICUOUS LOCATION IN THE BUILDING A CERTIFICATE SIGNED BY THE INSTALLER STATING THAT THE INSTALLATION IS CONSISTENT WITH THE PLANS AND SPECIFICATIONS MATERIAL IDENTIFICATION, AND INSTALLED R-VALUE.
8. 8-JOINTS AND OTHER OPENINGS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, CASKETED, WEATHER STRIPPED, OR OTHERWISE SEALED TO LIMIT INFILTRATION AND EX-FILTRATION.
9. 9-INSULATING MATERIAL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAMEPROOF RATING AND SMOKE DENSITY REQUIREMENTS OF THE SECTIONS 707 OF THE CBC.

- 21. HEAT PUMPS WITH SUPPLEMENTARY ELECTRIC RESISTANCE HEATERS SHALL HAVE CONTROLS:
A. THAT PREVENT SUPPLEMENTARY HEATER OPERATION WHEN THE HEATING LOAD CAN BE MET BY THE HEAT PUMP ALONE; AND
B. IN WHICH THE CUT-ON TEMPERATURE FOR COMPRESSION HEATING IS HIGHER THAN THE CUT-ON TEMPERATURE FOR SUPPLEMENTARY HEATING, AND CUT-OFF TEMPERATURE FOR COMPRESSION HEATING IS HIGHER THAN THE CUT-OFF TEMPERATURE FOR SUPPLEMENTARY HEATING. SEC.112(b)
22. THE LESSER OF MINIMUM RATE OF OUTDOOR AIR REQUIRED BY SEC. 21-B OR THREE COMPLETE AIR CHANGES SHALL BE SUPPLIED TO THE ENTIRE BUILDING DURING THE ONE-HOUR PERIOD IMMEDIATELY BEFORE THE BUILDING IS NORMALLY OCCUPIED. SEC.121(c)2
23. ALL AIR DISTRIBUTION SYSTEMS DUCTS AND PLENUMS, INCLUDING, BUT NOT LIMITED TO, BUILDING CAVITIES, MECHANICAL CLOSETS, AIR-HANDLER BOXES AND SUPPORT PLATFORMS USED AS DUCTS OR PLENUMS, SHALL BE INSTALLED, SEALED AND INSULATED TO MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA MECHANICAL CODE. SUPPLY-AIR AND RETURN-AIR DUCTS CONVEYING HEATED OR COOLED AIR SHALL BE INSULATED TO A MINIMUM INSTALLED LEVEL OF R-8, UNLESS DUCTS ARE IN CONDITIONED SPACE. SEC.124(o)
24. THE THERMOSTATIC CONTROLS FOR HVAC SYSTEMS SHALL MEET THE FOLLOWING REQUIREMENTS AS APPLICABLE:
A. EACH SPACE CONDITIONINGS ZONE SHALL BE CONTROLLED BY AN INDIVIDUAL THERMOSTATIC CONTROL THAT RESPONDS TO TEMPERATURE WITHIN THE ZONE AND MEETS THE APPLICABLE REQUIREMENTS OF SECTION (B).
B. EACH THERMOSTATIC CONTROL REQUIRED BY SECTION (A) SHALL BE CAPABLE OF BEING SET LOCALLY OR REMOTELY BY ADJUSTMENT OR SELECTION OF SENSORS TO CONTROL:
• COMFORT HEATING DOWN TO 55°F OR LOWER.
• COMFORT COOLING UP TO 85°F OR HIGHER.
• BOTH HEATING AND COOLING, THE THERMOSTATIC CONTROLS SHALL BE CAPABLE OF PROVIDING A TEMPERATURE RANGE OR DEAD HAND OF AT LEAST 5°F WITHIN WHICH THE SUPPLY OF HEATING AND COOLING ENERGY TO THE ZONE IS SHUT OFF OR REDUCED TO A MINIMUM .SEC. 122(a)&(b)
25. OUTDOOR AIR SUPPLY AND EXHAUST EQUIPMENT SHALL BE INSTALLED WITH DAMPERS THAT AUTOMATICALLY CLOSE UPON FAN SHUTDOWN. SEC.122(f)
26. DEMAND CONTROL VENTILATION DEVICES(CO2 SENSORS) SHALL BE INSTALLED IN ACCORDANCE WITH SEC.121(c)4. SEC.121(c)4
27. EACH SPACE-CONDITIONING SYSTEM SHALL BE INSTALLED WITH CONTROLS THAT COMPLY WITH ITEMS "A" AND "B" BELOW:
A. ARE CAPABLE OF AUTOMATICALLY SHUTTING OFF THE SYSTEM DURING PERIODS OF NON-USE AND SHALL HAVE:
• AN AUTOMATIC TIME SWITCH CONTROL DEVICE COMPLYING WITH SEC 119(c) WITH AN ACCESSIBLE MANUAL OVERRIDE THAT ALLOWS OPERATION OF THE SYSTEM FOR UP TO 4 HOURS; OR
• AN OCCUPANCY SENSOR; OR
• A FOUR-HOUR TIMER THAT CAN BE MANUALLY OPERATED.
EXCEPTION: MECHANICAL SYSTEMS SERVING RETAIL STORES AND ASSOCIATED MALLS, RESTAURANTS,GROCERY STORES,CHURCHES, AND THEATERS EQUIPPED WITH 7-DAY PROGRAMMABLE TIMERS.
B. AUTOMATICALLY RESTART AND TEMPORARILY OPERATE THE SYSTEM AS REQUIRED TO MAINTAIN:
• A SETBACK HEATING THERMOSTAT SET POINT, IF THE SYSTEM PROVIDES MECHANICAL HEATING;
EXCEPTION: AREA WITH THE DESIGN WINTER OUTDOOR TEMP. OR GREATER THAN 32°F
• A SETUP COOLING THERMOSTAT SET POINT, IF THE SYSTEM PROVIDES MECHANICAL COOLING
EXCEPTION: AREA WITH THE DESIGN SUMMER OUTDOOR TEMPERATURE. OF LESS THAN 100°F
EXCEPTION: SYSTEMS SERVING HOTEL/MOTEL GUEST ROOMS, IF THEY HAVE A READILY ACCESSIBLE MANUAL SHUT-OFF SWITCH. SEC.122(e)
28. ALL MECHANICAL EQUIPMENT AND SYSTEMS INSTALLED, AS PART OF PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF THE 2022 CALIFORNIA MECHANICAL CODE AND 2022 CALIFORNIA BUILDING CODE, 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE AND THE 2022 CALIFORNIA BUILDING EFFICIENCY STANDARDS.
29. ALL DUCTWORKS FOR HEATING AND COOLING SHALL BE CONDUCTED THROUGH DUCT SYSTEMS CONSTRUCTED OF METAL AS SET FORTH IN THE ANS/SMACNA 006-2006 HVAC DUCT CONSTRUCTION STANDARD-METAL FLEXIBLE; OR ANOTHER APPROVED METHOD. FACTORY MADE AIR DUCTS SHALL BE APPROVED FOR THE USE INTENDED OR SHALL COMPLY WITH THE 2022 CMC REFERENCED STANDARD CHAPTER 17.(CMC 602)
30. ALL DUCT SMOKE DETECTORS INSTALLED , AS PART OF THIS PROJECT SHALL BE SUPERVISED BY THE BUILDING FIRE DETECTION OR ALARM SYSTEM WHEN THE BUILDING IS EQUIPPED WITH SUCH SYSTEM.CITY FIRE DEPARTMENT FIRE PREVENTION BUREAU PLAN CHECK APPROVAL AND PERMIT ARE REQUIRED FOR CONNECTION OF DUCT SMOKE DETECTORS TO THE FIRE DETECTION OR ALARM SYSTEMS.(CMC609)
31. THE REQUIRED SERVICE DISTANCE FROM MECHANICAL EQUIPMENT TO SCREENING, PARAPETS, WALLS AND OTHER EQUIPMENT SHALL BE A MINIMUM OF 30"X30" ON THE SERVICE SIDE OF THE EQUIPMENT, OR AS REQUIRED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. IF THE INSTRUCTIONS REQUIRE A GREATER CLEARANCE . (CMC SECTION 35.0)
32. ALL APPLIANCES DESIGNED TO BE IN A FIXED POSITION SHALL BE SECURELY FASTENED IN PLACE. SUPPORTS FOR APPLIANCES SHALL BE DESIGNED AND CONSTRUCTED TO RESIST HORIZONTAL AND VERTICAL LOADS WITHIN THE STRESS LIMITATIONS OF THE CBC. (CMC303.4).
33. OUTSIDE AIR FOR A HEATING OR COOLING SYSTEM SHALL NOT BE TAKEN FROM CLOSER THAN 10 FEET FROM AN APPLIANCE VENT OUTLET, VENT OPENING OF A PLUMBING SYSTEM. OR THE DISCHARGE OUTLET OF EXHAUST FAN, UNLESS THE OUTLET IS 3FT. ABOVE THE OUTSIDE AIR INLET. (CMC 311.3).

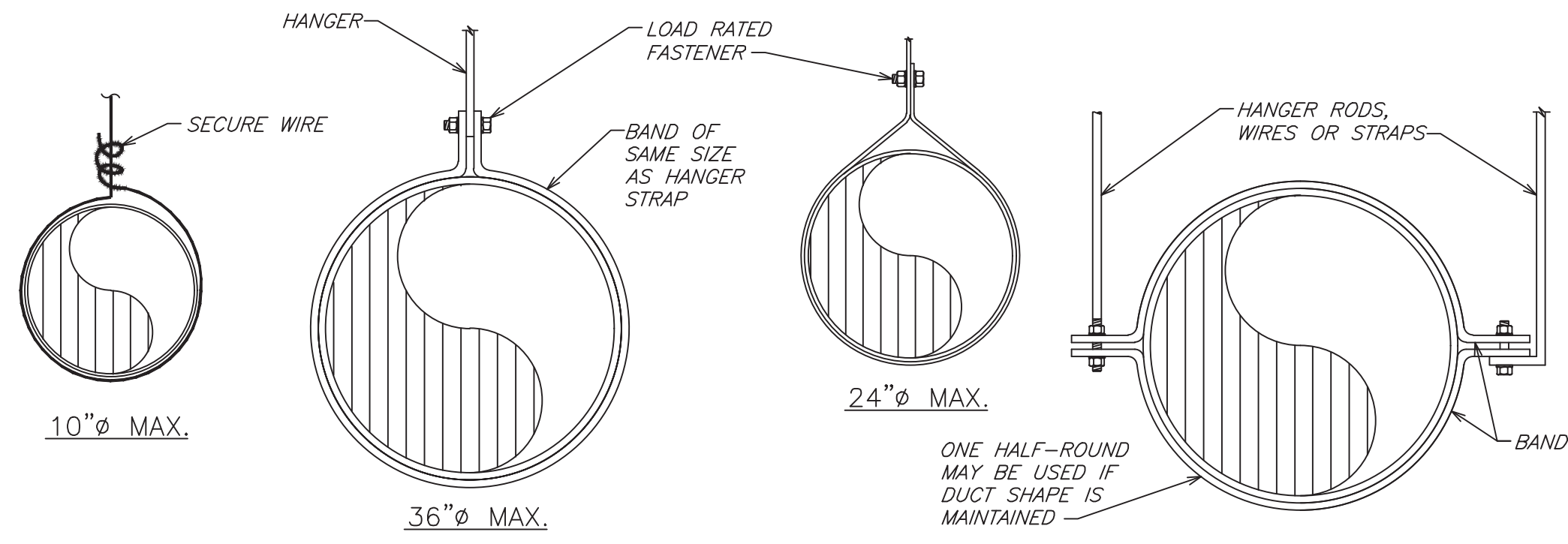
SEISMIC NOTES:

- 1. ANCHORAGE AND/OR SEISMIC RESTRAINTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA.
2. THE ANCHORAGE AND/ORSEISMIC RESTRAINT OF PERMANENT EQUIPMENT AND ASSOCIATED SYSTEMS LISTED SHALL BE DESIGNED TO RESIST THE TOTAL DESIGN SEISMIC FORCES PRESCRIBED IN SECTION 1632.2 OF THE 2022 CALIFORNIA BUILDING CODE.
3. SEISMIC RESTRAINTS ARE REQUIRED FOR THE FOLLOWING INSTALLATIONS.REFER TO THE SMACNA GUIDELINES FOR ADDITIONAL REQUIREMENTS:
A. FLOOR OR ROOF MOUNTED EQUIPMENT WEIGHTING 400LBS. OR GREATER.
B. SUSPENDED OR WALL MOUNTED EQUIPMENT WEIGHTING 20LBS. OR GREATER.
C. VIBRATION ISOLATION EQUIPMENT WEIGHING 20LBS. OR GREATER.
D. PIPING 1-1/4 INCHES NOMINAL DIAMETER AND LARGER LOCATED IN BOILER, MECHANICAL EQUIPMENT AND REFRIGERATION MECHANICAL ROOMS.
E. PIPING 2-1/2 INCHES NOMINAL DIAMETER AND LARGER.
F. DUCTWORK 6 SQUARE FEET AND LARGER IN CROSS SECTIONAL AREA.
G. ROUND DUCTWORK 28 INCH DIAMETER AND GREATER.
H. PIPES AND DUCTS SUPPORTED BY A TRAPEZE WHERE NONE OF THOSE ELEMENTS WOULD INDIVIDUALLY REQUIRE BRACING NEED NOT BE BRACED IF CONNECTIONS TO THE PIPE/DUCT OR DIRECTIONAL CHANGES DO NOT RESTRICT MOVEMENT OF THE TRAPEZE.
IF THIS FLEXIBILITY IS NOT PROVIDED, BRACING IS REQUIRED WHEN THE COMBINED OPERATING WEIGHT OF ALL ELEMENTS SUPPORTED BY THE TRAPEZE IS 10 LBS/FT OR GREATER.

CALGREEN NOTES:

- 1. AFTER COMPLETION OF TESTING, ADJUSTING AND BALANCING, PROVIDE A FINAL REPORT OF TESTING SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES.(CAL GREEN 5.410.4.4)
2. AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF THE HEATING AND COOLING AND VENTILATION EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST, WATER OR DEBRIS WHICH MAY ENTER THE SYSTEM.(CAL GREEN 5.504.3)

Project title: EARLY CHILDHOOD CLASSROOM & OFFICE. Includes revision table, owner/client information (City of Perris), project address, sheet title (MECHANICAL GENERAL NOTES LEGEND & ABBREVIATIONS), project no. (224642), date (08/07/2022), scale (AS SHOWN), drawing no. (M100), and professional engineer seal for Blueberry, Inc. (No. M35235, dated 11/8/2023).

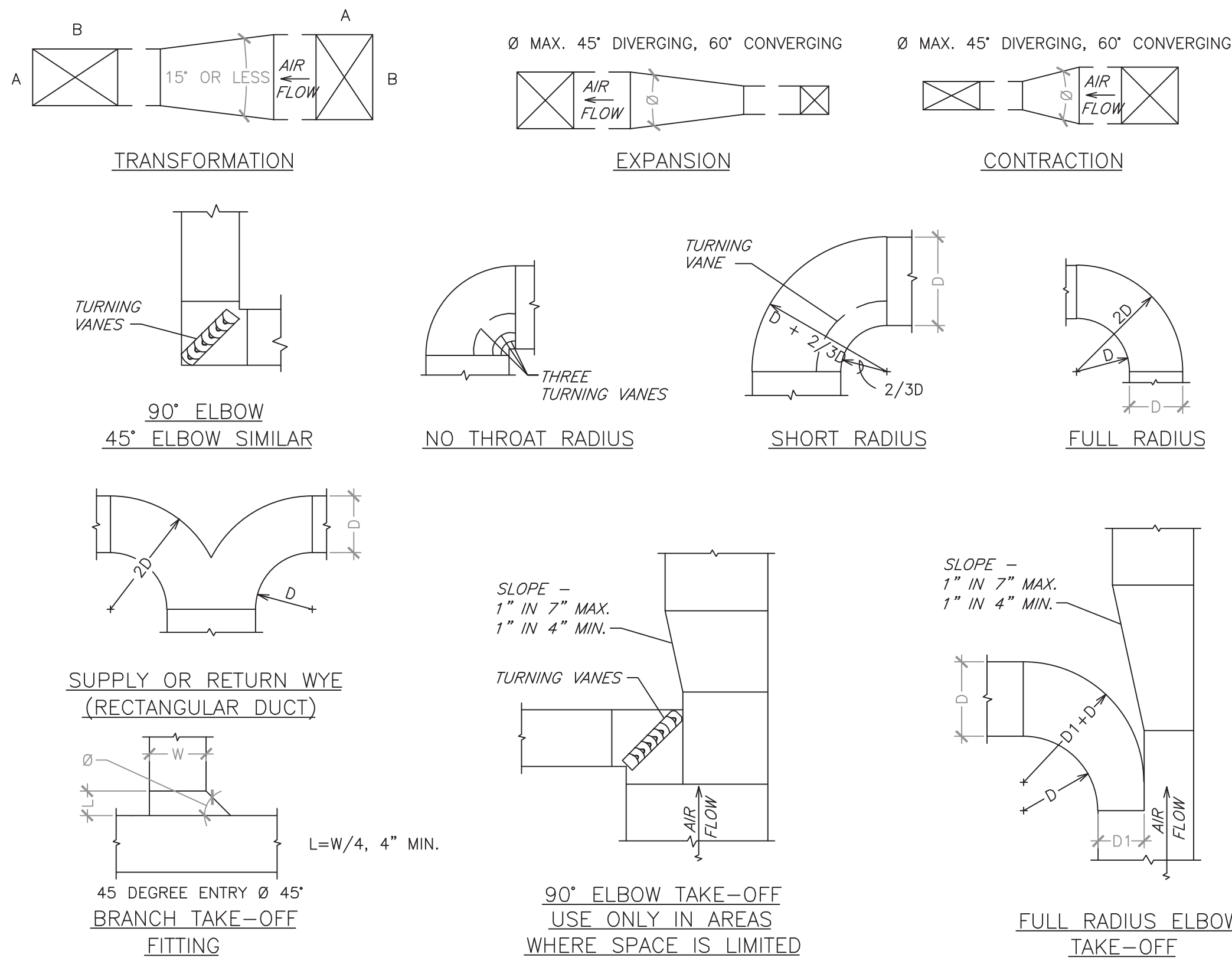


NOTE: HANGERS MUST NOT DEFORM DUCT SHAPE

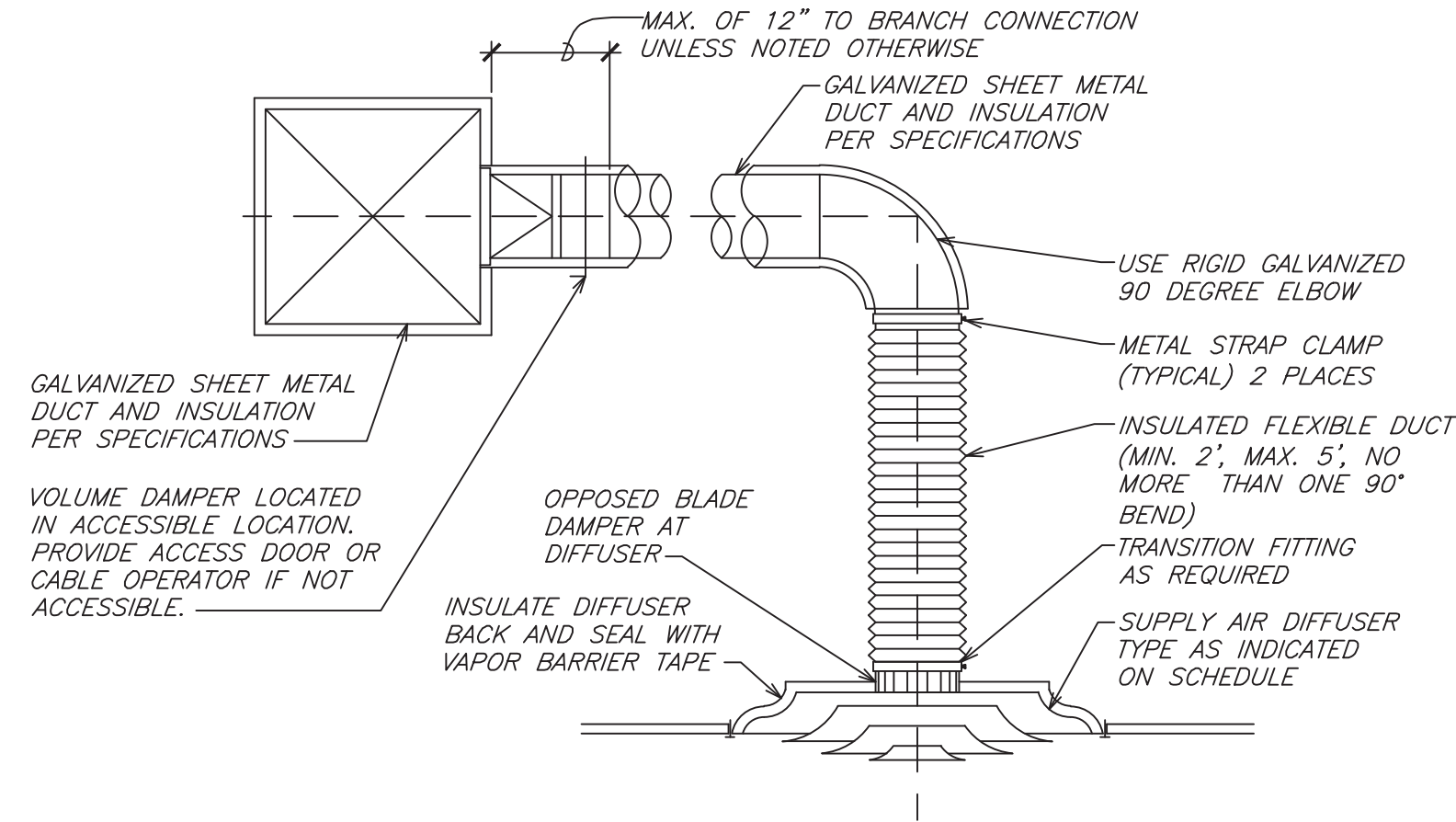
DIA.	WIRE DIA.	ROD	STRAP
10" DN	ONE 12 GA.	1/4"	1" x 22 GA.
11-18"	TWO 12 GA. OR ONE 8 GA.	1/4"	1" x 22 GA.
19-24"	TWO 10 GA.	1/4"	1" x 22 GA.
25-36"	TWO 8 GA.	3/8"	1" x 20 GA.
37-50"	-	TWO 3/8"	TWO 1" x 20 GA.
51-60"	-	TWO 3/8"	TWO 1" x 18 GA.
61-84"	-	TWO 3/8"	TWO 1" x 16 GA.
85-96"	-	TWO 1/2"	TWO 1 1/2" x 16 GA.

NOTES:
 1. STRAPS ARE GALVANIZED STEEL; RODS ARE UNCOATED OR GALVANIZED STEEL; WIRE IS BLACK ANNEALED, BRIGHT BASIC OR GALVANIZED STEEL. ALL ARE ALTERNATIVES.
 2. TABLE ALLOWS FOR CONVENTIONAL WALL THICKNESS, AND JOINT SYSTEMS PLUS ONE LB/SF OF INSULATION WEIGHT. IF HEAVIER DUCTS ARE TO BE INSTALLED, ADJUST HANGER SIZES TO BE WITHIN THEIR LOAD LIMITS.

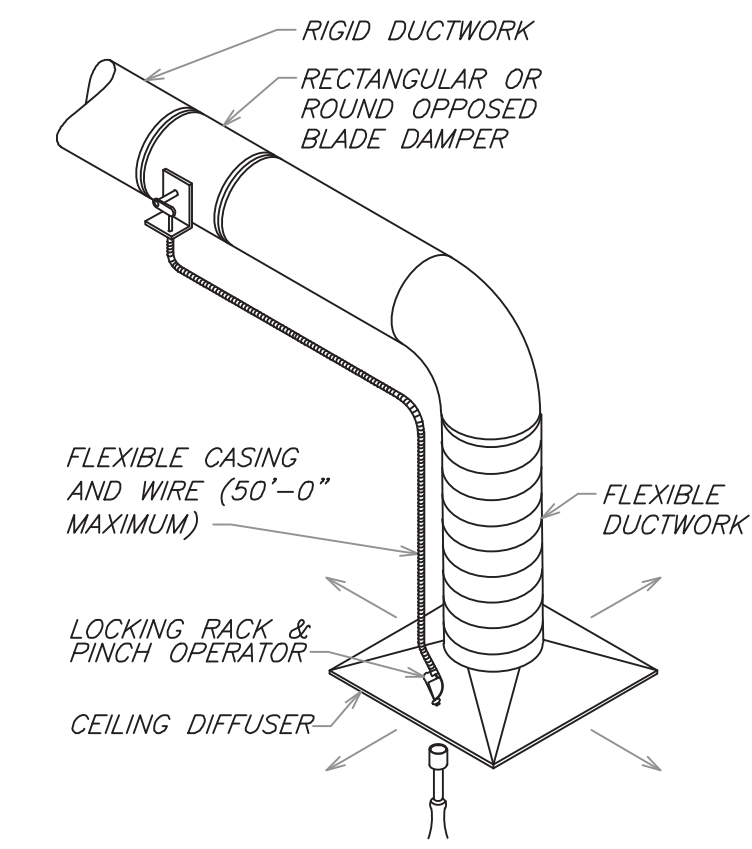
5 DUCT HANGER DETAIL
N.T.S.



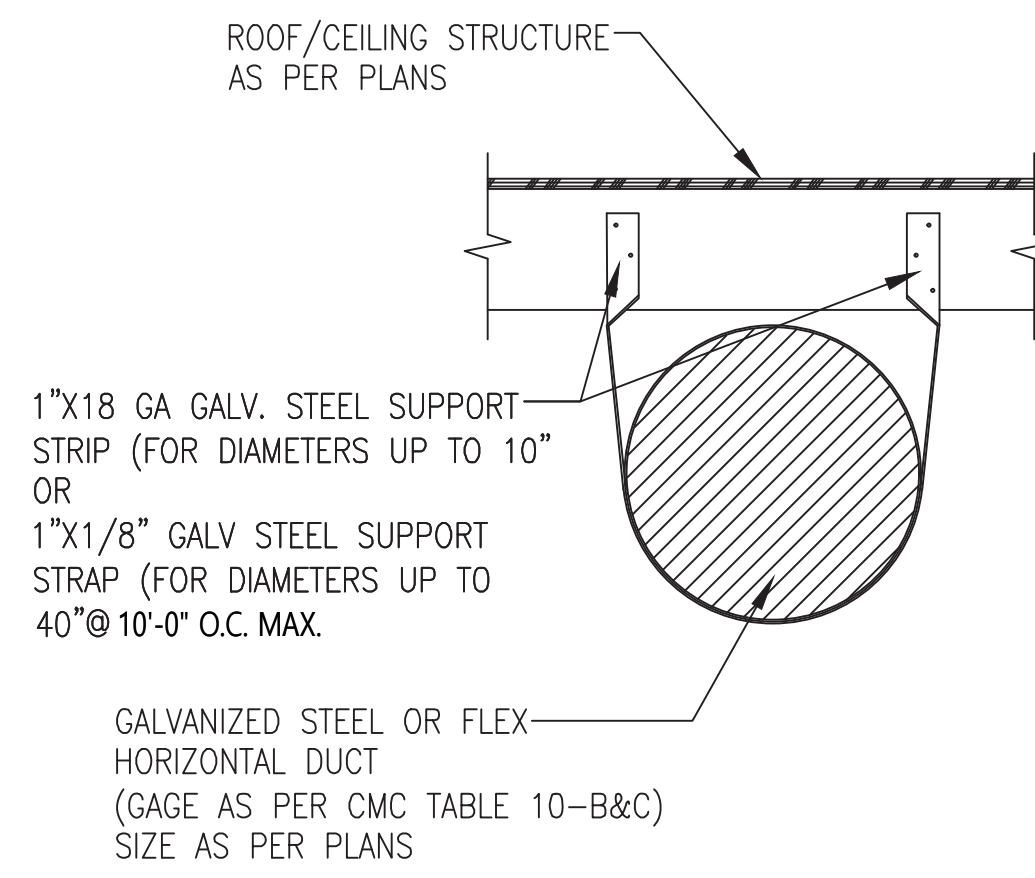
7 DUCT WORK DETAILS
N.T.S.



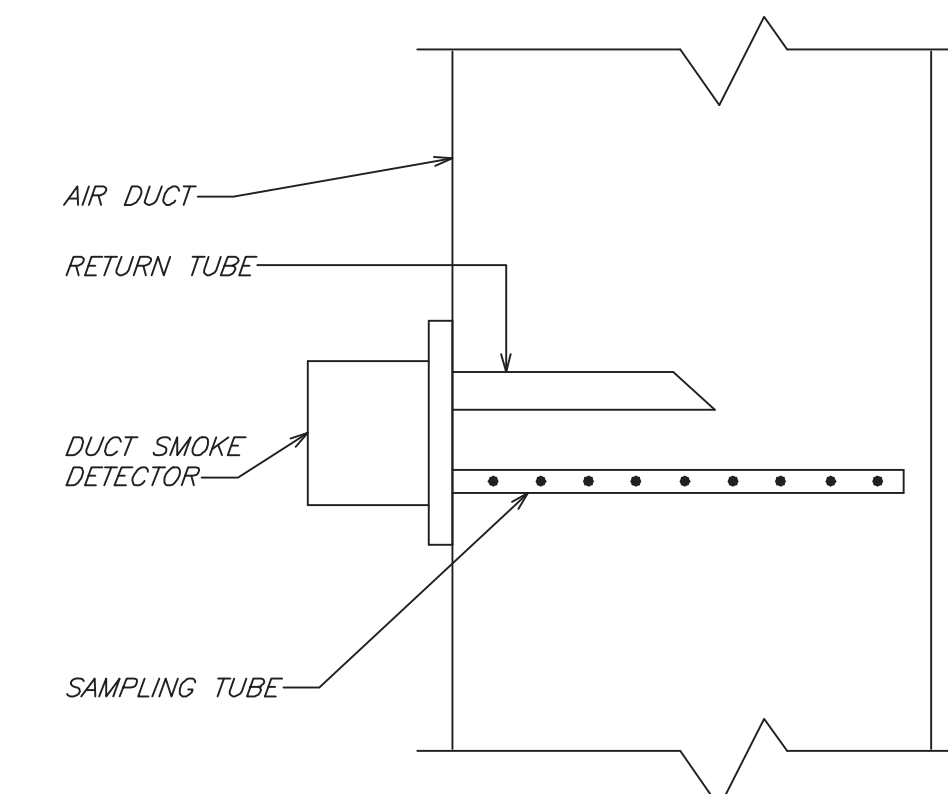
1 TYPICAL DIFFUSER CONNECTION
N.T.S.



2 REMOTE VOLUME DAMPER CONTROLLER
N.T.S.

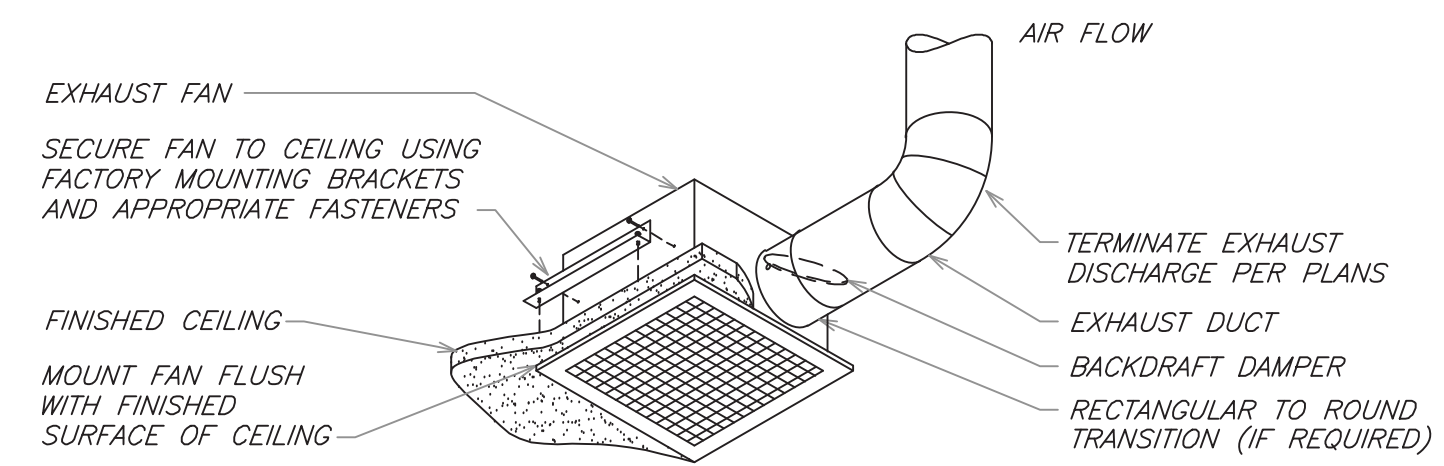


3 DUCT SUPPORT DETAIL
N.T.S.



NOTE:
 1. DUCT SMOKE DETECTOR ON RETURN AND/OR SUPPLY SIDE DUCT AND SHUTDOWN RELAY SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR FOR INSTALLATION BY THE MECHANICAL CONTRACTOR. ALL WIRING SHALL BE BY THE ELECTRICAL CONTRACTOR.

4 DUCT SMOKE DETECTOR DETAIL
N.T.S.



6 EXHASUT FAN INASTALLATION DETAIL
N.T.S.

True North Compliance Services, Inc.
 PLAN REVIEW APPROVAL
 THESE PLANS AND SPECIFICATIONS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND AS AMENDED BY THE JURISDICTION. PLAN REVIEW ACCEPTANCE OF ANY FEDERAL, STATE AND LOCAL REGULATORY AGENCIES IS NOT GUARANTEED.
 DATE: 12/06/2023

DATE	
REVISION	
NO.	
11/8/2023	
PROJECT ADDRESS CITY OF PERRIS 227 N. D STREET, PERRIS, CA 92570	
PROJECT TITLE EARLY CHILDHOOD CLASSROOM & OFFICE	
SHEET TITLE INSTALLATION DETAILS	
PROJECT NO.:	224642
DATE:	08/07/2022
SCALE:	AS SHOWN
DRAWING NO.	M110
CHK. BY:	
APP. BY:	

M110 - Blueberry Inc02 - Blueberry Engineering03 - Project0109 - 2022 Project024642 - Building Early Childhood and Office02 - Technical02 - Native File024642-M-REV1.dwg
 Plotted: Wednesday, November 08, 2023 12:45 PM

GENERAL NOTES:

- EXISTING CONDITIONS ARE BASED ON RECORD DRAWINGS PROVIDED BY THE OWNER AND LIMITED FIELD VERIFICATION BY OTHERS. CONTRACTOR SHALL ADJUST TO ACTUAL FIELD CONDITIONS AT NO ADDITIONAL EXPENSE TO THE PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ANY EXTRAS DUE TO THE CONTRACTOR'S FAILURE TO VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER FOR RESOLUTION.
- MECHANICAL CONTRACTOR SHALL FIELD COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL POWER REQUIREMENTS.
- ALL CONTRACTORS SHALL REVIEW A COMPLETE SET OF CONSTRUCTION DOCUMENTS AND COOPERATE WITH THE OTHER TRADES SO THAT THE INSTALLATION OF ALL EQUIPMENT MAY BE PROPERLY COORDINATED.
- ALL EQUIPMENT FURNISHED SHALL FIT THE SPACE AVAILABLE WITH CONNECTIONS IN THE REQUIRED LOCATIONS AND WITH ADEQUATE SPACE FOR OPERATING AND SERVICING. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATE THE INTENT OF THE INSTALLATION WHILE THE SPECIFICATIONS AND EQUIPMENT LIST DENOTE THE TYPE AND QUALITY OF MATERIAL AND WORKMANSHIP TO BE USED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENTS. WHERE A CONFLICT EXISTS BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE HIGHER AND/OR MORE COSTLY STANDARD WILL APPLY. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER WHOSE DECISION SHALL BE FINAL. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY IN THIS REGARD ON BEHALF OF THE CONTRACTOR AFTER AWARD OF THE CONTRACT.
- THE CONTRACTOR SHALL INSTALL ALL PIPING, DUCTWORK AND EQUIPMENT AS REQUIRED TO CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE CEILING HEIGHTS AND HEADROOM AND MAKE ALL EQUIPMENT REQUIRING MAINTENANCE OR REPAIR ACCESSIBLE.
- DO NOT ATTACH ANYTHING TO DECK ABOVE. ATTACH TO STRUCTURE (i.e. BEAMS, JOISTS) ONLY. DUCT HANGERS SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODE. ALL CONNECTIONS TO JOISTS SHALL BE MADE AT THE TOP CORNER.
- TENANT'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD VERIFICATION OF ALL UTILITY RUNS AND/OR OTHER IMPROVEMENTS LOCATED ON THE PREMISES PRIOR TO BIDDING. TENANT'S CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL COSTS RELATING TO THE RELOCATION OF, DAMAGE TO, REPAIR OF ANY EXISTING UTILITY RUNS AND/OR IMPROVEMENTS WHICH ARE DAMAGED AS A RESULT OF TENANT'S WORK IN OR AROUND THE PREMISES.
- ALL ROOFING WORK SHALL BE PERFORMED BY LANDLORD'S APPROVED ROOFING CONTRACTOR AT TENANT'S EXPENSE, IF REQUIRED IN LEASE OR TENANT CRITERIA MANUAL.
- ROOF MOUNTED EQUIPMENT SHALL BE LABELED WITH THE TENANT NAME AND SPACE NUMBER WITH 3" HIGH WEATHER PROOF LETTERS.
- MECHANICAL CONTRACTOR SHALL PROVIDE TENANT WITH A WRITTEN ONE (1) YEAR MANUFACTURER'S WARRANTY ON ALL HVAC EQUIPMENT PROVIDED AND / OR INSTALLED. THE WARRANTY SHALL INCLUDE ALL LABOR, MATERIALS AND THREE (3) ROUTINE SERVICES INCLUDING FILTER CHANGES DURING A ONE (1) YEAR PERIOD.
- AT THE COMPLETION OF CONSTRUCTION AN NEBB, AABC OR TABB CERTIFIED AIR BALANCE REPORT SHALL BE SUBMITTED TO THE ENGINEER AND LANDLORD. THE BALANCING MUST BE COMPLETED BY AN INDEPENDENT, THIRD PARTY CONTRACTOR WITH NO TIES TO THE INSTALLING CONTRACTORS. LANDLORD COORDINATION:
- A. THE CONTRACTOR SHALL OBTAIN A COPY OF THE LANDLORD'S TENANT CRITERIA MANUAL. TENANT CRITERIA MANUAL IS AN INTEGRAL PART OF THIS CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH LANDLORD REQUIREMENTS AT NO ADDITIONAL COST TO THE TENANT.
- B. PARTS OF THE BASE BUILDING SYSTEMS THAT FALL INTO LEASE LINE SHALL REMAIN UNDISTURBED UNLESS NOTED OTHERWISE.
- C. PROVIDE ALL NECESSARY WIRING, RELAYS, DETECTORS, COMPONENTS, ETC., FOR FIRE ALARM OR CONTROL SYSTEM INTERLOCK IF APPLICABLE. VERIFY WITH MALL PERSONNEL BEFORE BID.

CONSTRUCTION NOTES:

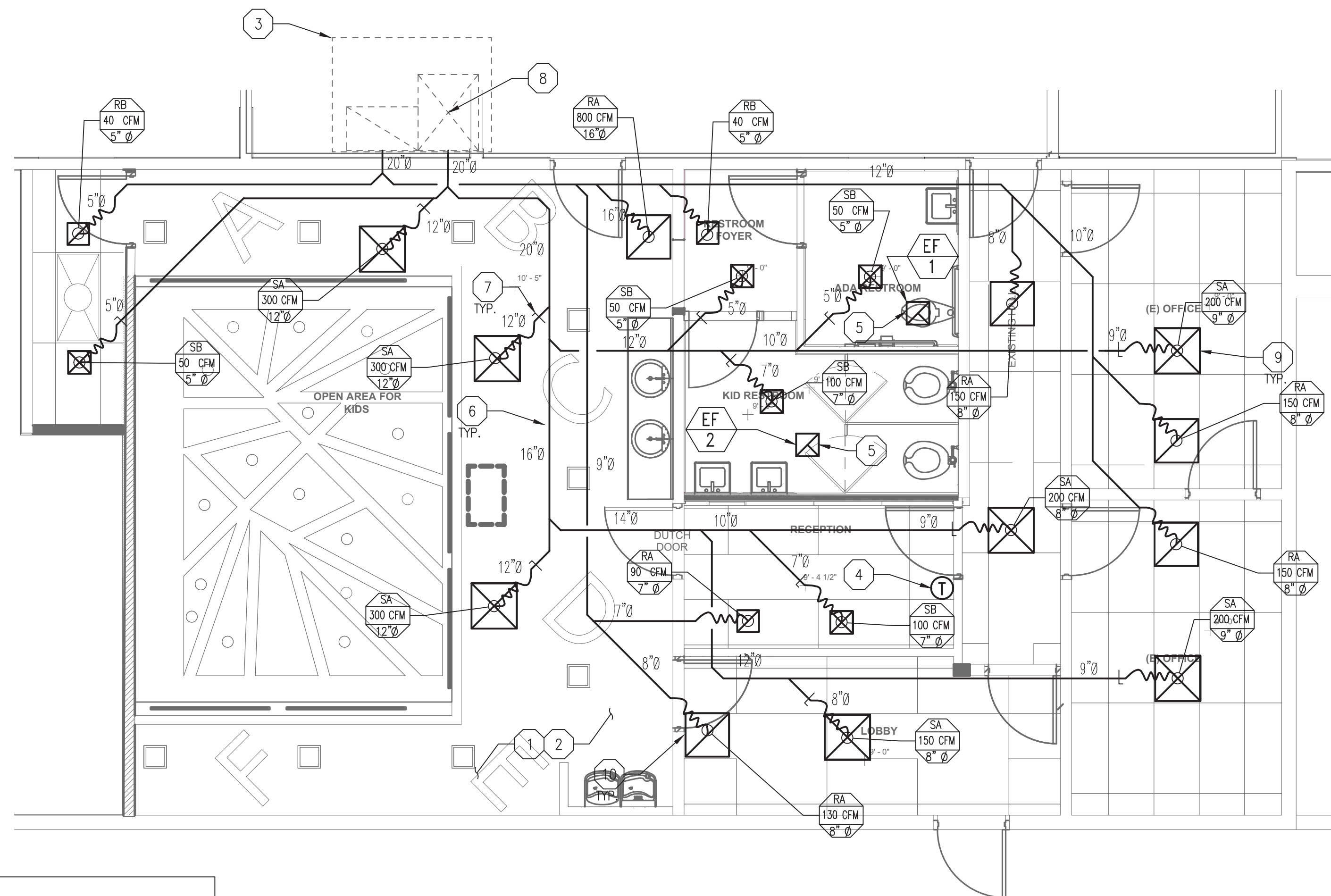
- SUBMITTAL OF A CERTIFICATE AIR BALANCE REPORT AND OUTSIDE AIR CERTIFICATION ARE REQUIRED PRIOR TO OCCUPANCY.
- CONTRACTOR TO VERIFY EXISTING DUCT SMOKE DETECTOR IN SUPPLY AIR PLENUM, INTEGRATE TO SHUT DOWN HVAC UNITS.
- ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENING SHALL BE COVERED WITH TAPE, PLASTIC OR SHEET METAL UNTIL THE FINAL STARTUP OF HEATING, COOLING AND VENTILATING EQUIPMENT. (5.504.3) CALIFORNIA GREEN CODE.
- NO AIR INTAKES INCLUDING ADJACENT TENANT ROOF AREA WITHIN 10' OF EXHAUST FANS/HOOD.
- ALL MECHANICAL EQUIPMENT AND DUCTS SHALL BE LISTED AND LABELED BY AN APPROVED AGENCY. INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED LISTING.
- DUCT INSULATION SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 AND SMOKE DEVELOPED INDEX NOT TO EXCEED 50.
- EXHAUST DUCTS SHALL BE EQUIPPED WITH BACK-DRAFT DAMPERS PER CMC 504.1.1
- MAXIMUM PERMITTED LENGTH OF EACH FLEXIBLE DUCT RUN IS 5 FEET.

- KEYED NOTES:**
- IMPORTANT: COORDINATE CLOSELY EQUIPMENT LOCATION WITH PLUMBING, ELECTRICAL AND STRUCTURAL.
 - ALL DUCT-WORK INSTALLATIONS MUST BE CONFORM TO REQUIREMENTS OF 2022 CALIFORNIA MECHANICAL CODE.
 - EXISTING ROOFTOP 5TON HHAC UNIT. CONTRACTOR TO VERIFY.
 - NEW SMART HVAC THERMOSTAT TO BE INSTALLED AT 48" A.F.F.
 - NEW RESTROOM EXHAUST FAN. SEE SCHEDULE AND INSTALLATION DETAILS ON M120
 - R-8 ROUND DUCT.
 - MANUAL VOLUME DAMPER TYPICAL FOR ALL REGISTERS AND "TEES" & "Y'S"
 - PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AIR PLENUM, INTEGRATE TO SHUT DOWN UNIT.
 - SUPPLY AIR RESISTER. SEE SCHEDULE
 - RETURN AIR GRILLE. PROVIDE MERV 13 FILTER MINIMUM 2" THICK FOR RETURN AIR GRILLE

- NOTES:**
- ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENING SHALL BE COVERED WITH TAPE, PLASTIC OR SHEET METAL UNTIL THE FINAL STARTUP OF HEATING, COOLING AND VENTILATING EQUIPMENT. (5.504.3) CALIFORNIA GREEN CODE.
 - NO AIR INTAKES INCLUDING ADJACENT TENANT ROOF AREA WITHIN 10' OF EXHAUST FANS/HOOD.
 - ALL MECHANICAL EQUIPMENT AND DUCTS SHALL BE LISTED AND LABELED BY AN APPROVED AGENCY. INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED LISTING.
 - THE FLEX DUCT SAG BETWEEN SUPPORTS HANGERS SHALL NOT EXCEED 1/8" PER FOOT OF SUPPORT SPACING, AND THE FLEX DUCT ELBOW CONNECTION TO THE TERMINAL DEVICE/ REGISTER IS REQUIRED TO HAVE A BEND RADIUS SIZE NO LESS THAN ONE DUCT DIAMETER.
 - A DUCT LEAKAGE TEST WILL BE CONDUCTED THAT COMPLIES WITH CMC 603.10.1.

AIR BALANCE SCHEDULE							
SUPPLY AIR UNIT	OUTSIDE AIRFLOW (CFM)	RETURN AIRFLOW (CFM)	SUPPLY FLOW (CFM)	OA/SA %	EXHAUST AIR UNIT	EXHAUST AIRFLOW (CFM)	REMARKS
HP-1	300	1700	2000	15.00	EF-1 & EF-2	150	-
TOTAL	300	1700	2000	15.00	TOTAL	150	
RESULTING BUILDING PRESSURIZATION (CFM)						150	
PRESSURIZATION PERCENTAGE (%)						7.50	
AIR BALANCE NOTE: SUBMITTAL OF A CERTIFICATE AIR BALANCE REPORT AND OUTSIDE AIR CERTIFICATION ARE REQUIRED PRIOR TO OCCUPANCY							

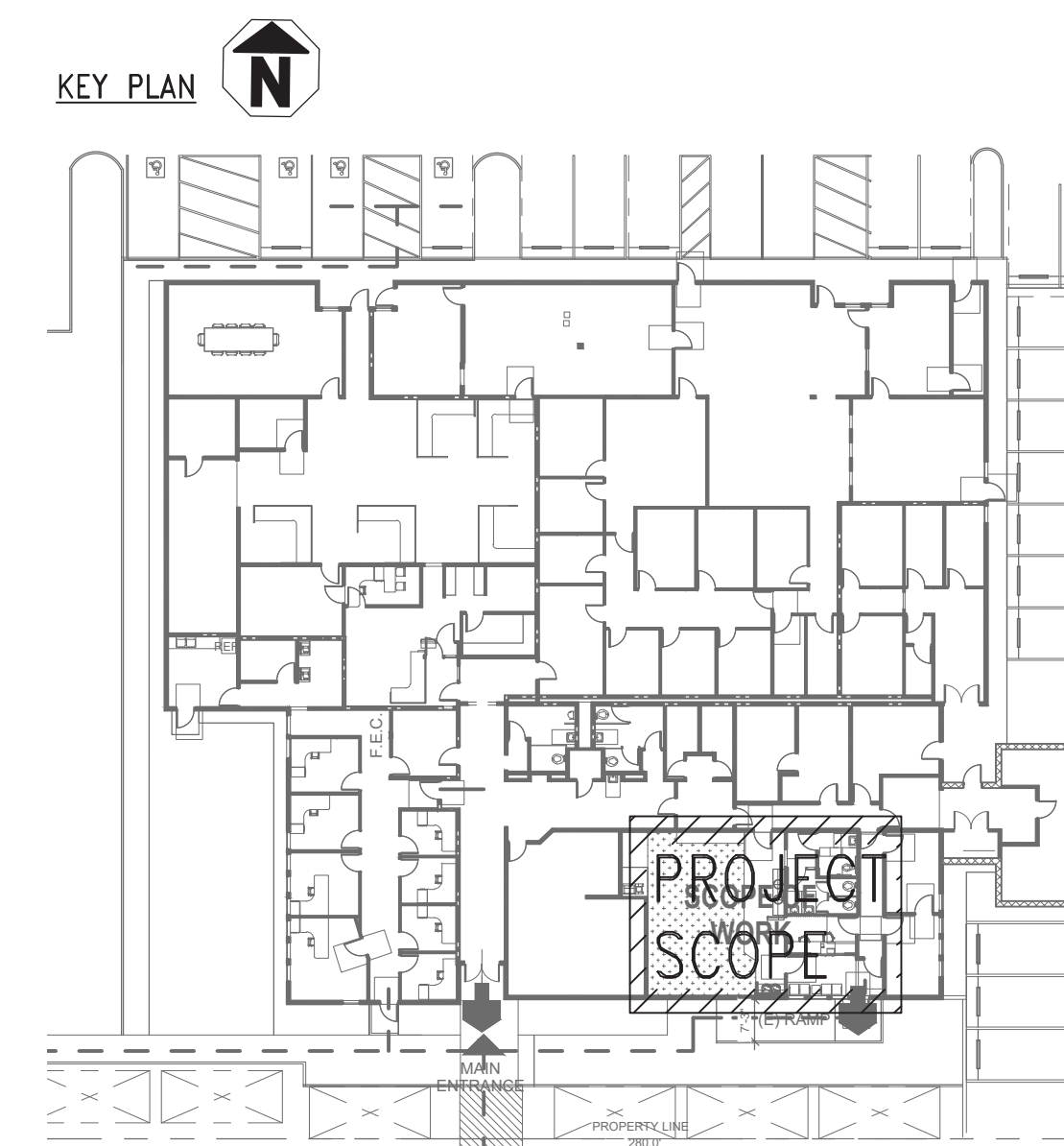
NEW EXHAUST FAN UNITS SCHEDULE												
UNIT	MANUFACTURER	MODEL#	LOCATION	TYPE	CFM	DRIVE	ESP	ELECTRICAL			WEIGHT	REMARKS
								WATTS	VOLTS/PH/Hz	LIGHT		
EF 1	GREEN HECK	SPB-110 OR EQUAL	RESTROOM	CENTRIFUGAL	50	DIRECT	0.5"WC	25.8	115/1/60	-	15	PROVIDE BACK DRAFT DAMPER AND ROOF MOUNT JACK
EF 2	GREEN HECK	SPB-110 OR EQUAL	RESTROOM	CENTRIFUGAL	100	DIRECT	0.5"WC	25.8	115/1/60	-	15	PROVIDE BACK DRAFT DAMPER AND ROOF MOUNT JACK



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

GRILLE, REGISTER AND DIFFUSER SCHEDULE							
TAG	MANUFACTURER	MODEL#	APPLICATION	FINISH	FRAME TYPE	REMARKS	
SA	TITUS	OMNI-24x24 OR EQUAL	SUPPLY	COLOR BY ARCHITECT	GRID	24x24 SQUARE PALQUE FACE ROUND DUCT CONNECTION	
SB	TITUS	OMNI-12X12 OR EQUAL	SUPPLY	COLOR BY ARCHITECT	GRID	12x12 SQUARE PALQUE FACE ROUND DUCT CONNECTION	
RA	TITUS	PAR-24X24 OR EQUAL	RETURN	COLOR BY ARCHITECT	GRID	24X24 SQUARE PERFORATED FACE WITH ROUND DUCT CONNECTION	
RB	TITUS	PAR-12X12 OR EQUAL	RETURN	COLOR BY ARCHITECT	GRID	12X12 SQUARE PERFORATED FACE WITH ROUND DUCT CONNECTION	

- NOTES:**
- CHECK WITH OWNER/ARCHITECT/TENANT PRIOR TO ORDERING



True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THESE PLANNING DOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE CITY OF PERRIS AND APPROVED BY THE JURISDICTION PLAN REVIEW AGENCY OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS BY: [Signature] DATE: 10/09/2023
THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT THE WRITTEN APPROVAL OF THE CITY OF PERRIS. CITY OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.

DATE	
REVISION	
NO.	
11/8/2023	
PROJECT ADDRESS CITY OF PERRIS 227 N. D. STREET, PERRIS, CA 92570	
PROJECT TITLE EARLY CHILDHOOD CLASSROOM & OFFICE	
SHEET TITLE MECHANICAL SYSTEM PLAN	
PROJECT NO.: 224642	
DATE: 08/07/2022	
SCALE: AS SHOWN	
DRAWING NO. M200	
APP. BY: _____ DRW. BY: _____ CHK. BY: _____	

M200 - Blueberry Inc. 02: Blueberry Engineering Inc. - Projects 09 - 2022 Project 224642 - Building Early Childhood and Office - Technical 03 - Native Files 224642 - Rev 101 - Drawings 224642 - REV1.dwg
 Plotted: Wednesday, November 08, 2023 12:45 PM

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Mechanical Systems CERTIFICATE OF COMPLIANCE
This document is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, or 141.0(b)2 for alterations.
Project Name: Early Child Hood Report Page: (Page 1 of 7)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08 12:42:08

A. GENERAL INFORMATION

01 Project Location (city)	Perris	04 Total Conditioned Floor Area	1310
02 Climate Zone	10	05 Total Unconditioned Floor Area	0
03 Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	1

Office

B. PROJECT SCOPE

This table includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)2 and 180.2(b)2 for alterations.

01	02	03
Air System(s)	Wet System Components	Dry System Components
<input type="checkbox"/> Heating Air System	<input type="checkbox"/> Water Economizer	<input type="checkbox"/> Air Economizer
<input type="checkbox"/> Cooling Air System	<input type="checkbox"/> Pumps	<input type="checkbox"/> Electric Resistance Heat
<input type="checkbox"/> Mechanical Controls	<input type="checkbox"/> System Piping	<input type="checkbox"/> Fan Systems
<input checked="" type="checkbox"/> Mechanical Controls (existing to remain, altered or new)	<input type="checkbox"/> Cooling Towers	<input type="checkbox"/> Ductwork (existing to remain, altered or new)
	<input type="checkbox"/> Chillers	<input checked="" type="checkbox"/> Ventilation
	<input type="checkbox"/> Boilers	<input type="checkbox"/> Zonal Systems/ Terminal Boxes

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 155992-1123-0006
Schema Version: rev 20220101 Report Generated: 2023-11-08 12:42:08

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Mechanical Systems CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 2 of 7)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08 12:42:08

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant for guidance.

01	02	03	04	05	06	07	08	09
System Summary 110.1, 110.2, 140.4, 170.2(c)	Pumps 140.4(k), 170.2(c)(4)	Fans/Economizers 140.4(c), 140.4(e), 170.2(e)	System Controls 110.2, 120.2, 140.4(f), 170.2(c)	Ventilation 120.1, 160.2	Terminal Box Controls 140.4(d), 170.2(c)(4B)	Distribution 120.3, 140.4(i), 160.2, 160.3	Cooling Towers 110.2(e)	Compliance Results
(See Table F)	(See Table G)	(See Table H)	(See Table I)	(See Table J)	(See Table K)	(See Table L)	(See Table M)	COMPLIES

Mandatory Measures Compliance (See Table Q for Details) COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

This section does not apply to this project.

G. PUMPS

This section does not apply to this project.

Generated Date/Time: Documentation Software: Energy Code Ace
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Mechanical Systems CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 3 of 7)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08 12:42:08

H. FAN SYSTEMS & AIR ECONOMIZERS

This section does not apply to this project.

I. SYSTEM CONTROLS

This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (n), 170.2(c)(4D), 170.2(c)(4L) or requirements in 141.0(b)2E, 180.2(b)2 for altered space conditioning systems.

01	02	03	04	05	06	07	08	09	
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	110.2(b) & (c), 120.2(a), 160.3(a)(2A) or 141.0(b)2E & 180.2(b)2	Thermostats 120.3, 120.2(a)	Shut-Off Controls 120.2(e) & 160.3(a)(2D)	Isolation Zone Controls 120.2(g) & 160.3(a)(2F)	Demand Response 110.12, 120.2(b) & 160.3(a)(2B)	Supply Air Temp. Reset 140.4(f) & 170.2(c)(4D)	Window Interlocks per 140.4(n) & 170.2(c)(4D)
HP-1	Single zone	<= 25,000 ft²	Setback	Auto Timer Switch	Auto Timer Switch	NA: PTAC, PTHP, Rm AC, HP	NA: Single Zone	NA: No operable windows	NA: No operable windows

J. VENTILATION AND INDOOR AIR QUALITY

This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1, 120.2(e)(3B), 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and 141.0(b)2E, 160.3(a)(3D), 170.2(a)(4N), 170.2(a)(4O) for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflows may be shown on the plans or the calculations can be presented in a spreadsheet.

01	02
<input type="checkbox"/>	Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.
<input checked="" type="checkbox"/>	Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces
<input type="checkbox"/>	Check this box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)(2).

Nonresidential and Hotel/ Motel Multifamily Common Use Ventilation Systems

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Schema Version: rev 20220101 Report Generated: 2023-11-08 12:42:08

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Mechanical Systems CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 4 of 7)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08 12:42:08

J. VENTILATION AND INDOOR AIR QUALITY

04	05	06	07					
System Name	HP-1	System Design OA CFM Airflow³	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)(2)²					
		300	0					
			Provided					
			16					
08	09	10	11	12	13	14	15	16
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(c)³ & 160.2(c)³	Exh. Vent per 120.1(c)4 & 160.2(c)4	DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)³, 160.2(c)5D & 160.2(c)5D	DCV	NA: Not required per §120.1(d)3			
OFFICE	Office space	1284	192.6	192.6	NA: Continuously operated per §120.2(e)3			
17	Total System Required Min OA CFM		192.6	18	Ventilation for this System Complies? Yes			

¹ FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system
² Air filtration requirements apply to the following three system types per 120.1(c)(1): space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space
³ Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.
⁴ See Standards Tables 120.1-A and 120.1-B.
⁵ For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code.
⁶ 120.2(e)3 requires systems serving rooms that are required by 130.1(c) to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensing include offices 250ft² or smaller, multipurpose rooms less than 1,000 ft², classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by 130.1(c).

K. TERMINAL BOX CONTROLS

This section does not apply to this project.

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 155992-1123-0006
Schema Version: rev 20220101 Report Generated: 2023-11-08 12:42:08

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Mechanical Systems CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 5 of 7)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08 12:42:08

L. DISTRIBUTION (DUCTWORK and PIPING)

This section does not apply to this project.

M. COOLING TOWERS

This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

Form/Title	Systems/Spaces To Be Field Verified
NRCI-MCH-01-E - Must be submitted for all buildings	
NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	HP-1

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

Form/Title	Systems/Spaces To Be Field Verified
NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	HP-1

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no NRCV forms required for this project.

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 155992-1123-0006
Schema Version: rev 20220101 Report Generated: 2023-11-08 12:42:08

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Mechanical Systems CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 6 of 7)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08 12:42:08

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01	02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	No
	Plan sheet or construction document location
03	04
Mandatory Measure	Plan sheet or construction document location
Kitchen range hoods shall be rated for sound in accordance with Section 7.2 of ASHRAE 62.2	N/A

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 155992-1123-0006
Schema Version: rev 20220101 Report Generated: 2023-11-08 12:42:08

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Mechanical Systems CERTIFICATE OF COMPLIANCE
Project Name: Early Child Hood Report Page: (Page 7 of 7)
Project Address: 227 N D ST., PERRIS, CA 92570 Date Prepared: 2023-11-08 12:42:08

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: ARASH ZAHABI, PE
Company: BLUEBERRY INC.
Address: 25108 MARGUERITE PKWY, SUITE A123
City/State/Zip: MISSION VIEJO, CA 92692
Signature Date: 11/8/2023
City/State/Zip: MISSION VIEJO, CA 92692
Phone: 949-945-9614

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the building owner at occupancy.

Responsible Designer Name: ARASH ZAHABI, PE
Company: BLUEBERRY, INC.
Address: 25108 MARGUERITE PKWY, SUITE A123
City/State/Zip: MISSION VIEJO, CA 92692
Signature Date: 11/8/2023
License: M35235
Phone: 949-945-9614

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Compliance ID: 155992-1123-0006
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True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THIS PLAN REVIEW APPROVAL HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA ENERGY EFFICIENCY CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND APPLICABLE LOCAL JURISDICTION. PLAN REVIEW ACCEPTANCE OF DOCUMENTED AND APPROVED CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, AND LOCAL REGULATION BY DATE 12/06/2023.
THIS SET OF PLAN REVIEW APPROVALS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND BE AVAILABLE TO BE REVIEWED OR ALTERED WITHOUT PERMISSION FROM THE CITY. OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS OBTAINED BY ALL APPLICABLE DEPARTMENTS.

DATE: 11/8/2023

REVISION: NO.

REGISTERED PROFESSIONAL ENGINEER
MECHANICAL
STATE OF CALIFORNIA
NO. M35235

blueberry, inc.
ENGINEERING SERVICES
e-mail: info@blueberryinc.com
Tel: (949)945-9614
www.blueberryeng.com

PROJECT ADDRESS
CITY OF PERRIS
227 N. D. STREET,
PERRIS, CA 92570

PROJECT TITLE
EARLY CHILDHOOD
CLASSROOM & OFFICE

SHEET TITLE
MECHANICAL
TITLE-24

PROJECT NO.: 224642
DATE: 08/07/2022
SCALE: AS SHOWN
DRAWING NO. M300

APP. BY: [Signature]
CHK. BY:

PLUMBING LEGEND & ABBREVIATIONS

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	ABC	ABOVE CEILING
	ABV	ABOVE
	AD	ACCESS DOOR
	AFF	ABOVE FINISHED FLOOR
	AFG	ABOVE FINISHED GRADE
	BF	BELOW FLOOR
	BG	BELOW GRADE
	BV	BALL VALVE
		BRANCH - BOTTOM CONNECTION
		BRANCH - SIDE CONNECTION
		BRANCH - TOP CONNECTION
	CBV	CALIBRATED BALANCE VALVE
		CAP ON END OF PIPE
	CD, D	CONDENSATE DRAIN
	CKV	CHECK VALVE
	CLG	CEILING
	CLR	CLEAR
	CO	CLEANOUT
	CONN	CONNECT OR CONNECTION
	CONT	CONTINUATION
	CONTR	CONTRACTOR
	CP	CIRCULATING PUMP
	CW	COLD WATER PIPING
	DEG	DEGREES (FAHRENHEIT)
	DIA	DIAMETER
	DN	DOWN
	(E), EXIST	EXISTING
		EXISTING TO BE REMOVED
	EW	ELECTRIC WATER HEATER
	FC	FLEXIBLE CONNECTION
	FCO	FLOOR CLEAN OUT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	FU	FIXTURE UNIT
	FV, FT	FLUSH VALVE, FLUSH TANK
	G	LOW PRESSURE (7" W.C.) GAS PIPING
	GA	GAUGE
	GPM	GALLONS PER MINUTE
	GD	GARBAGE DISPOSAL
	GV	GATE VALVE
	GWH	GAS WATER HEATER
	HB	HOSE BIBB
	HW	HOT WATER PIPING
	HWR	HOT WATER PIPING WITH HEAT TRACE TAPE
		HOT WATER RETURN PIPING
	IE	INVERT ELEVATION
	KW	KILOWATTS
	LBS	POUNDS
	LPC	LUBRICATED PLUG COCK
	MAX	MAXIMUM
	MPG	MEDIUM PRESSURE (5 PSI) GAS PIPING
	MFR.	MANUFACTURER
	MIN	MINIMUM
	(N)	NEW
	OF	OVERFLOW, OVERFLOW PIPING
	OH	OVERHEAD
	O2	OXYGEN, OXYGEN PIPING
	POC	POINT OF CONNECTION
	PRV	PRESSURE REDUCING VALVE
	PSI (G) (A)	POUNDS PER SQUARE INCH (GAUGE) (ABSOLUTE)
	RE	RIM ELEVATION
	R, D	RISE OR DROP
	RD	ROOF DRAIN
		RISER DOWN (ELBOW)
		RISER UP (ELBOW)
	RV OR P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	SD	STORM DRAIN, STORM DRAIN PIPING
	SQIN, FT	SQUARE FEET
	SQIN, IN	SQUARE INCHES
	TA, TB	TO ABOVE, TO BELOW
	TP	TRAP PRIMER
	TYP	TYPICAL
	UG	UNDERGROUND
	UON	UNLESS OTHERWISE NOTED
	VB	VALVE BOX
	V	VENT PIPING
	V, VR, VTR	VENT, VENT RISER, VENT THRU ROOF
	WCO	WALL CLEANOUT
	W	WASTE OR SANITARY SEWER
	(E) W	EXISTING WASTE PIPING
	WC	WATER CLOSET
	W.C.	WATER COLUMN
	W/AD	WITH ACCESS DOOR
	WT	WEIGHT

NOTE: ALL SYMBOLS MAY NOT BE USED

CODE INFORMATION:

THE CONTRACTOR SHALL CONFORM TO ALL CODES, ORDINANCES, ETC. WHICH HAVE JURISDICTION OVER THIS WORK. BELOW IS A LIST OF MAJOR STANDARDS LISTED FOR CONVENIENCE ONLY. REFERENCE TO A STANDARD MEANS, THE LATEST EDITION OF SUCH STANDARD AT DATE OF BUILDING PERMIT. THE CONTRACTOR SHALL RETAIN RESPONSIBILITY FOR COMPLIANCE WITH LATEST REVISIONS OF ALL OTHER APPLICABLE CODES AND ORDINANCES NOT LISTED HEREIN.

- CALIFORNIA BUILDING CODE (CBC) 2022
- CALIFORNIA MECHANICAL CODE (CMC) 2022
- CALIFORNIA PLUMBING CODE (CPC) 2022
- CALIFORNIA ELECTRICAL CODE (CEC) 2022
- CALIFORNIA ENERGY CODE (TITLE 24, PART 6) 2022

PLUMBING GENERAL NOTES

- SHOULD A CONFLICT OCCUR BETWEEN OR WITH THE SPECIFICATIONS AND/OR DRAWINGS, CODES, STANDARDS, REQUIREMENTS, MANUFACTURER'S INSTRUCTIONS, THE MORE COMPLETE AND/OR RESTRICTIVE CONDITION SHALL HAVE PRECEDENCE. AS DETERMINED BY THE CONTRACTING OFFICER.
 - THE DRAWINGS PRESENTS THE FINISHED PROJECT UNLESS OTHERWISE NOTED. THEY DON'T INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, AND SEQUENCES.
 - ALL DIMENSIONS, EXISTING JOB SITE CONDITIONS, AND SERVICE REQUIREMENTS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE START OF CONSTRUCTION AND/OR FABRICATION OF MATERIALS. IF DISCREPANCIES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED FOR CLARIFICATION.
 - ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH CALIFORNIA LOCAL CODES APPLYING TO THE PROPOSED CONSTRUCTION.
- FIXTURES:**
- ALL FIXTURES SHALL BE MADE IN ACCORDANCE WITH THE CPC 2022 CH.4 AND ALL APPLICABLE SECTIONS OF THE CPC 2022.
 - ALL FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CPC 2022, CH.4 WITH REGARD TO WORKMANSHIP, ALIGNMENT AND TESTING
 - FIXTURES SHALL BE CERTIFIED FOR THE FOLLOWING FLOW RATES:
 - WATER CLOSETS = 1.0 GPF
 - KITCHEN FAUCET = 1.8 GPM
 - SHOWER HEADS MAX = 1.8 GPM
 - SINK/LAVATORY FAUCETS = 1.0 GPM
 - FIXTURE CONNECTIONS TO THE DRAINAGE SYSTEM SHALL BE THROUGH AN APPROVED WET SEAL TRAP AS PER CPC, CH7 & CH.10
 - FAUCET AND VALVE OPENINGS SHALL HAVE A MINIMUM AIR GAP AS PER CPC , CH 6 & 2X THE DIAMETER MIN. 1" FROM THE POTABLE WATER OUTLET TO THE FLOOD LEVEL RIM OF THE FIXTURE SERVED
 - ALL STORAGE TANK WATER HEATERS SHALL INSTALLED AS PER CPC, CH.5
 - ALL FIXTURES WILL BE PROVIDED WITH INDIVIDUAL SHUT-OFF VALVES

MATERIALS:

- ALL MATERIALS SHALL BE APPROVED FOR THE USE AND SYSTEM INTENDED, AND SHALL BE NEW AND IN GOOD CONDITION, FREE FROM DEFECT.
- ALL MATERIALS SHALL BE INSTALLED, PROTECTED, AND SUPPORTED AS PER CPC 2022
- COPPER TUBING MAY NOT BE INSTALLED ON A MANNER THAT ALLOWS IT TO BE IN CONTACT WITH OTHER METAL PIPING, CONDUIT OR METAL FRAMING MEMBERS.
- ABS, COPPER TUBING AND STEEL PIPE MUST BE WRAPPED WHERE THEY PASS THROUGH CONCRETE AND/OR MASONRY BUILDING COMPONENTS.
- WATER PIPING MATERIAL WITHIN BUILDING SHALL BE IN ACCORDANCE WITH SEC. 604.1 OF THE CALIFORNIA PLUMBING CODE. PE-X, CPVC AND OTHER PLASTIC WATER PIPING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF SEC.604 OF THE CPC, INSTALLATION STANDARDS OF APPENDIX I OF THE CPC AND MANUFACTURERS RECOMMENDED INSTALLATION STANDARDS. CPVC WATER PIPING REQUIRES A CERTIFICATION OF COMPLIANCE AS SPECIFIED IN SEC. 604.1.1 OF THE CPC PRIOR TO PERMIT ISSUANCE.

DRAINAGE, WASTE AND VENT (DWV):

- ALL DRAINAGE LINES TO BE SLOPED MINIMUM OF 2% , 1/4" PER FOOT
- CLEANOUTS TO BE INSTALLED ACCORDING TO CPC , CH.7
- CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EXISTING LINES BEFORE STARTING TRENCHING. SHOULD IT BE NECESSARY TO RE-ROUTE LINES DUE TO CONDITIONS FOUND ON SITE.
- CHANGES OF DIRECTION OF DRAINAGE PIPE WILL BE MADE USE OF APPROVED FITTINGS AS PER CPC, CH7 SECTION 706.0
- VENTS SHALL TERMINATE NOT LESS THAN 10'-0" FROM OR 3'-0" ABOVE ANY OPENING WINDOW , DOOR , AIR INTAKE OR VENTILATION SHAFT AS PER CPC, CH.9
- ACROSS-SECTIONAL AREA OF THE VENT(S) MUST EQUAL THE CROSS-SECTIONAL AREA OF THE BUILDING DRAIN AS PER CPC, CH.9 SECTION 904.0
- METER PROTECTION SHALL BE INSTALLED PER CITY STANDARD. (THIS DEVICE IS A LEAD-FREE REDUCE PRESSURE PRINCIPLE DEVICE-RPPD)
- LANDSCAPE IRRIGATION DEVICE SHALL BE INSTALLED PER CITY STANDARD (THIS DEVICE IS A REDUCE PRESSURE PRINCIPLE DEVICE-RPPD)
- A REDUCE PRESSURE PRINCIPLE DEVICE SHALL BE INSTALLED PER CITY STANDARD (THIS DEVICE SHALL BE LOCATED ON THE INLET SIDE OF THE CARBONATOR MACHINE)
- AN ABOVE GROUND DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) PER CITY STANDARD SHALL BE INSTALLED (THIS DEVICE IS A FIRE PROTECTION).
- 12-ALL DEVICES SHALL BE TESTED BY A CERTIFIED BACK-FLOW TESTER.

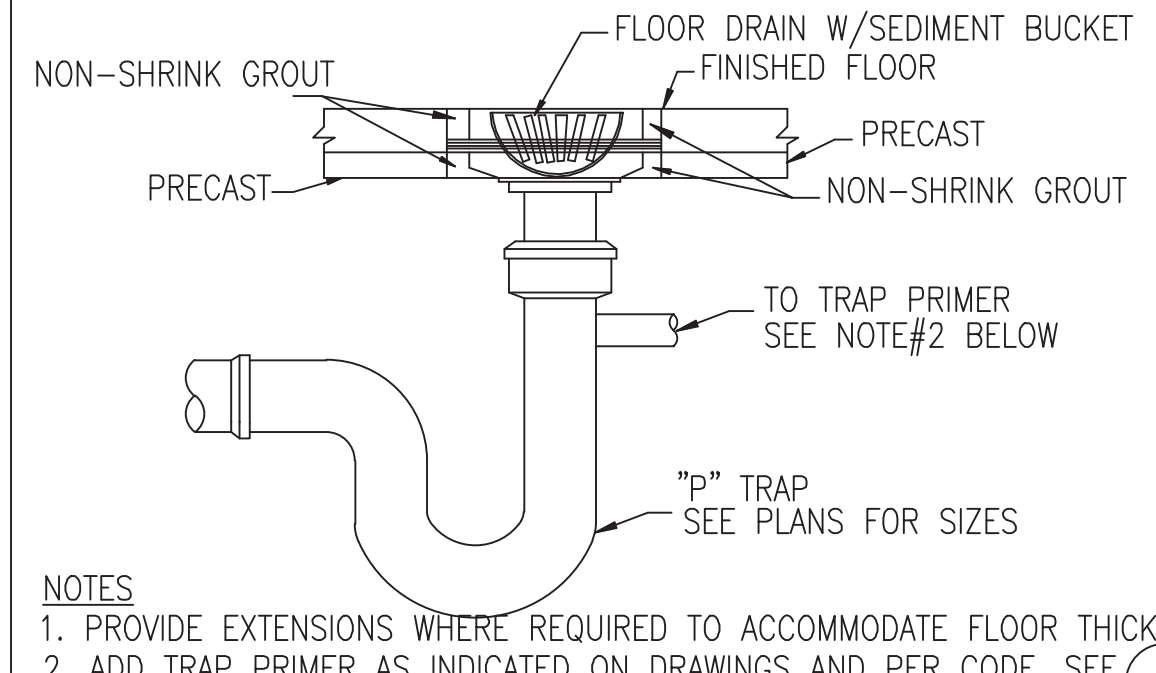
FUEL GAS:

- ALL GAS APPLIANCES SHALL BE PROVIDED WITH AN APPROVED SHUT OF VALVE
- APPLIANCE CONNECTORS SHALL BE OF AN APPROVED SIZE AND LENGTH ACCORDING CPC 2022, CH.12
- ALL GAS PIPING SHALL BE SUPPORTED AS PER CPC 2022, CH.3

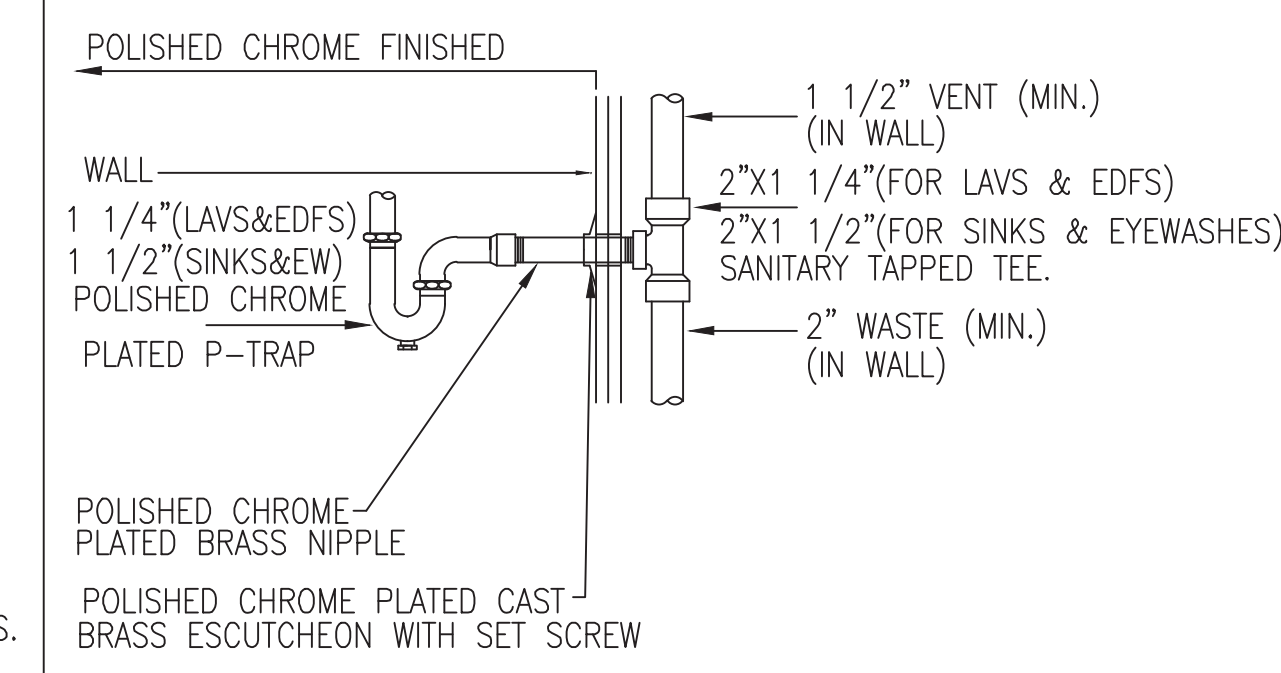
ADDITIONAL NOTES:

- ALL WORK TO COMPLY WITH 2022 CALIFORNIA PLUMBING CODE, 2022 CALIFORNIA BUILDING CODE, AND 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS.
- LEAD FREE COMPLIANCE REQUIRED EFFECTIVE JANUARY 1, 2010 PER CALIFORNIA HEALTH & SAFETY CODE SEC. 116875
- ALL FIXTURES IN HANDICAP RESTROOMS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF CALIFORNIA HANDICAP CODE AND LOCAL HANDICAP CODES HAVING JURISDICTION.
- ALL SERVICE WATER HEATING EQUIPMENT TO BE IN COMPLIANCE WITH THE MODEL ENERGY CODE REQUIREMENTS AND LABELED.
- WATER CLOSETS REQUIRED TO HAVE ELONGATED BOWLS WITH OPEN FRONT SEATS.
- ALL HOSE BIBS ARE TO BE PROVIDED WITH A BACK-FLOW/ ANTI-SIPHON VALVE.
- WATER HEATER CLEARANCES SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTION.
- NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SEC. 609.9 OF CALIFORNIA PLUMBING CODE.
- HOT WATER PIPING SHALL BE INSULATED AS PER CPC 609.11 AND CAL ENERGY CODE TABLE 120.3-A.
- SANITARY WASTE VENTS SHALL RISE VERTICALLY TO A POINT NOT LESS THEN SIX(6) INCHES IN HEIGHT ABOVE THE FLOOR LEVEL RIM OF THE FIXTURE BEFORE BEING CONNECTED TO ANY OTHER VENT.
- DRAINAGE PIPING SERVING FIXTURE WHICH HAVE FLOODWATER RIMS LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE COVER OF THE SEWER SERVING SUCH DRAINAGE PIPING SHALL BE PROTECTED FROM BACK-FLOW OF SEWAGE BY INSTALLING AN APPROVED TYPE BACKWATER VALVE.
- TRAP SEAL PROTECTION REQUIRED FOR ALL FLOOR SINKS AND FLOOR DRAINS.
- INDIRECT WASTES LONGER THAN FIVE (5) FEET MUST BE TRAPPED, AND IT LONGER THAN FIFTEEN (15) FEET MUST BE TRAPPED AND VENTED INDIRECT WASTES FROM FOOD SERVICE EQUIPMENT MUST DISCHARGE TO RECEPTOR WITH A MINIMUM AIR-GAP OF ONE (1) INCH.
- PRIMARY CONDENSATE PIPING TO TERMINATE AT TAILPIECE OF LAVATORY/SINK IN THE UNIT IT SERVES, FLOOR SINK OR DEDICATED ROOF TOP RECEPTOR.
- ROOF DRAINS, OVERFLOW DRAINS, AND RAINWATER PIPING WITHIN THE INTERIOR OF THE BUILDING SHALL BE TESTED IN ACCORDANCE WITH THE PROVISIONS OF THE 2022 CPC FOR TESTING DRAIN, WASTE AND VENT SYSTEMS.
- ROOF DRAINS AND OVERFLOW PIPING WITHIN THE BUILDING SHALL UTILIZE APPROVED DRAINAGE FITTINGS.
- TESTING PROCEDURE OF GAS SYSTEMS SHOULD BE PERFORMED AS PER SEC. 1214.0 OF THE CALIFORNIA PLUMBING CODE.
- THE PREMISE OWNER OR RESPONSIBLE PERSON IS RESPONSIBLE TO COORDINATE WITH GAS COMPANY FOR NEW GAS DEMAND, METER LOCATION AND TYPE OR PRESSURE AVAILABLE. COORDINATE WITH TENANT FOR PRESSURE REQUIRED AT EACH APPLIANCE.
- THE PREMISE OWNER OR RESPONSIBLE PERSON SHALL COORDINATE WITH LONG BEACH WATER DEPARTMENT FOR NEW WATER DEMAND, METER LOCATION AND TYPE OF PRESSURE AVAILABLE.

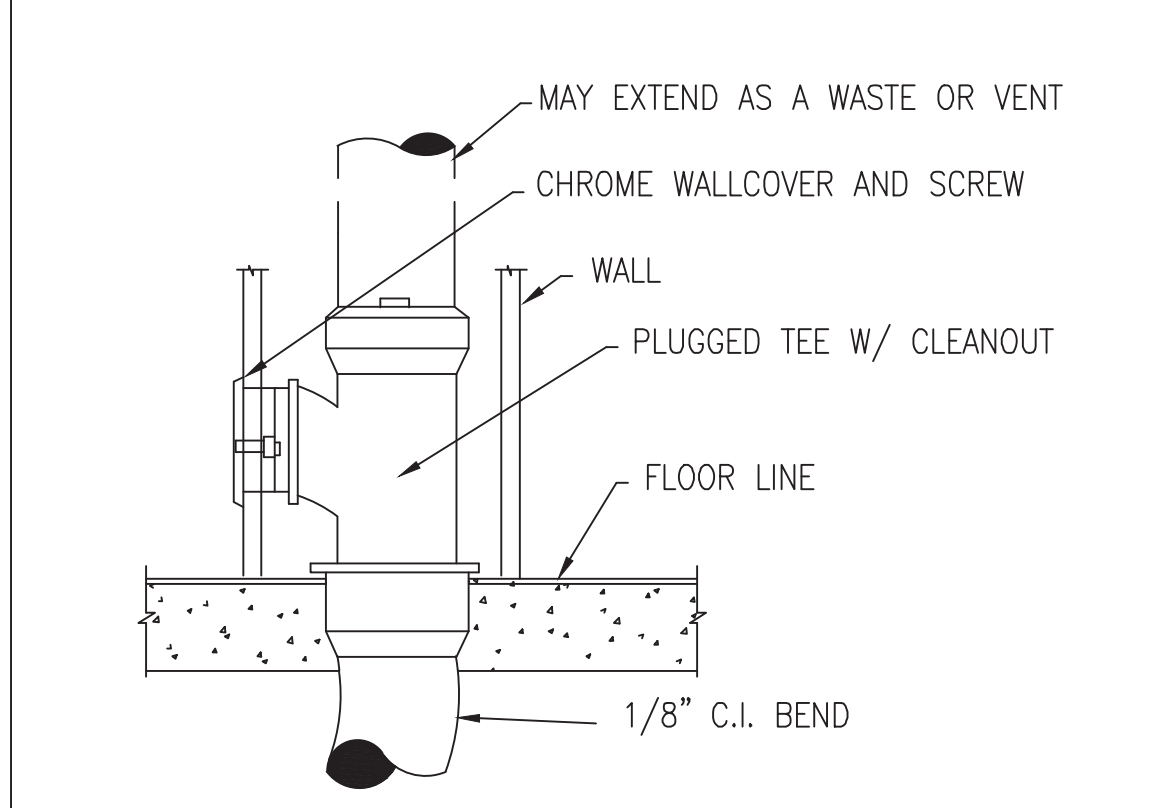
PLUMBING GENERAL DETAILS



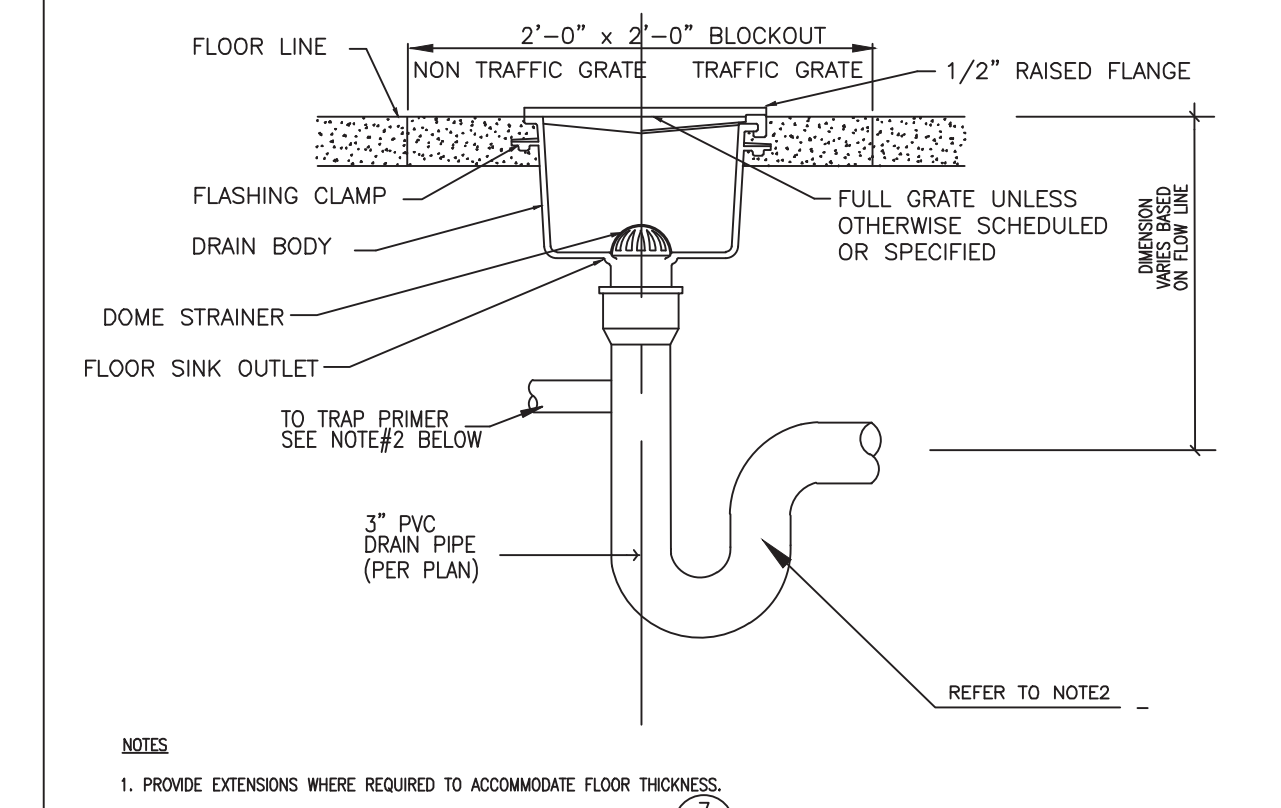
FLOOR DRAIN DETAIL 2 SCALE: N.T.S.



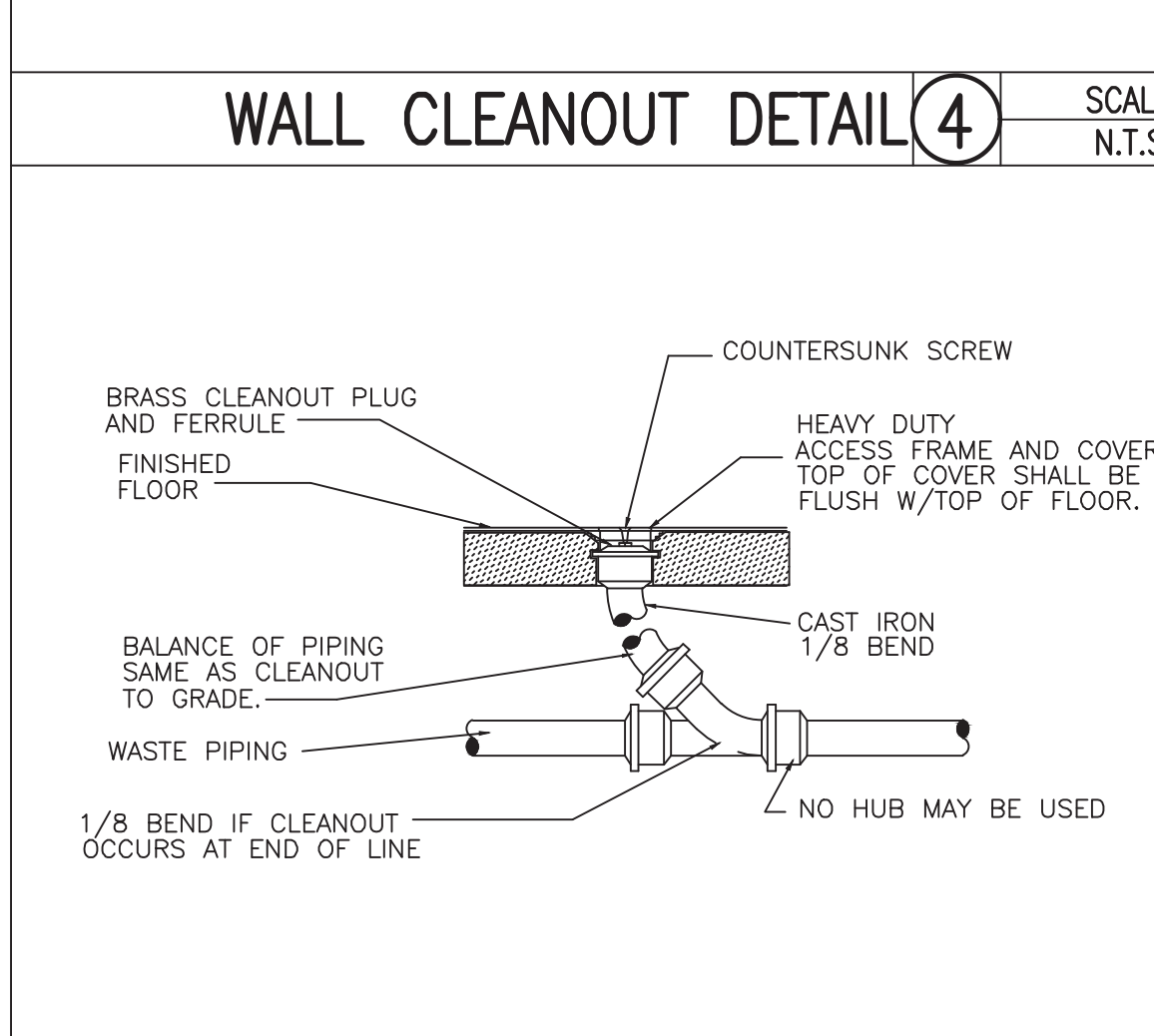
DRAIN PIPING DETAIL 1 SCALE: N.T.S.



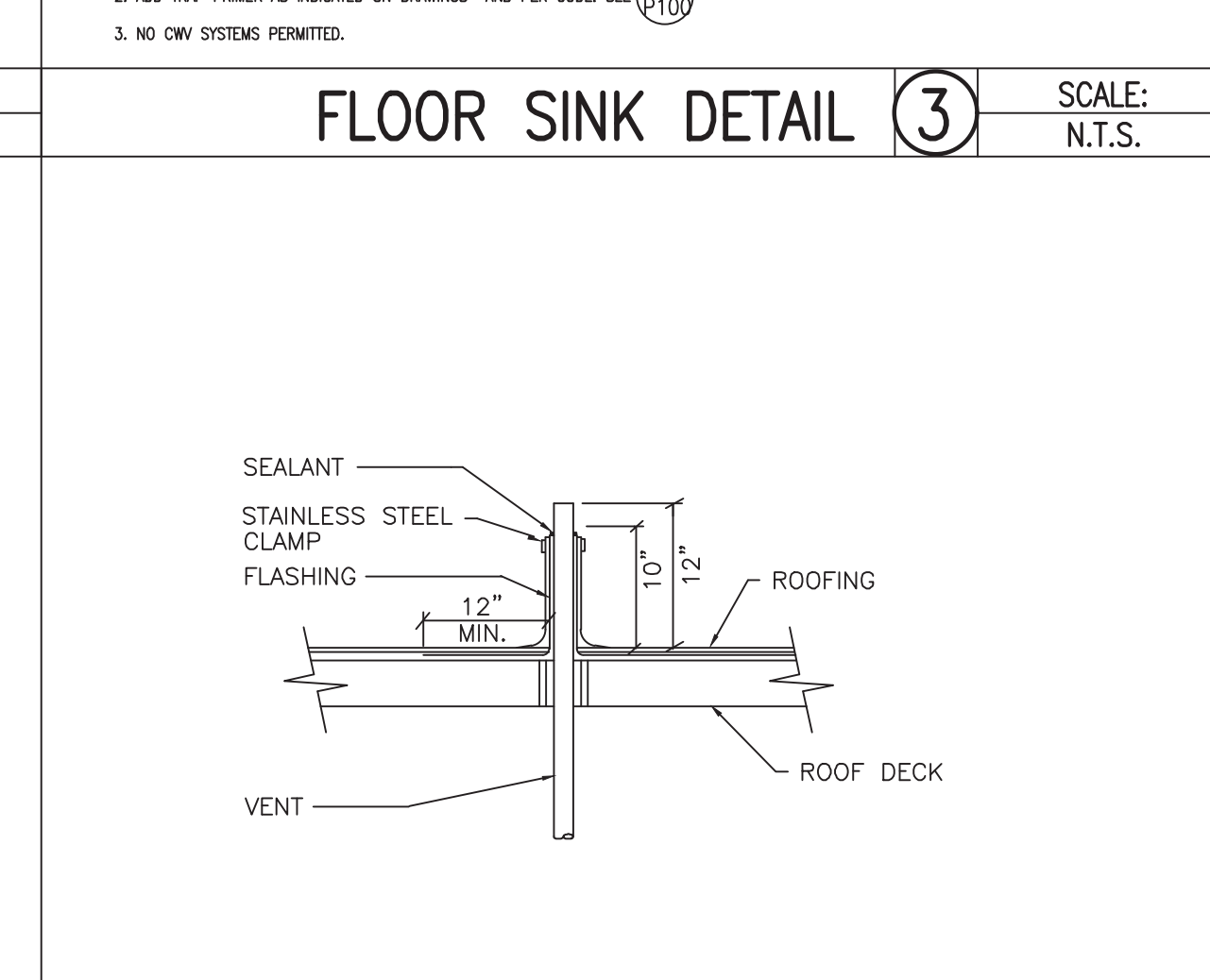
WALL CLEANOUT DETAIL 4 SCALE: N.T.S.



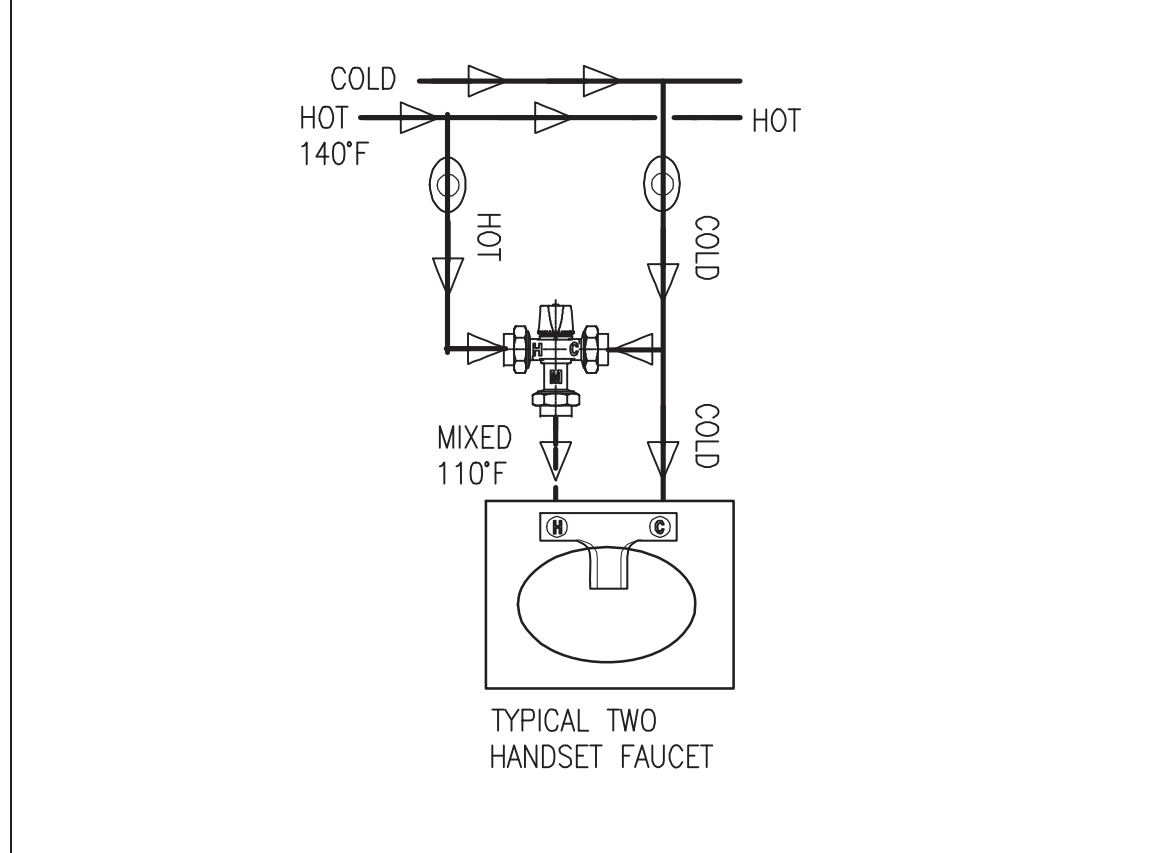
FLOOR SINK DETAIL 3 SCALE: N.T.S.



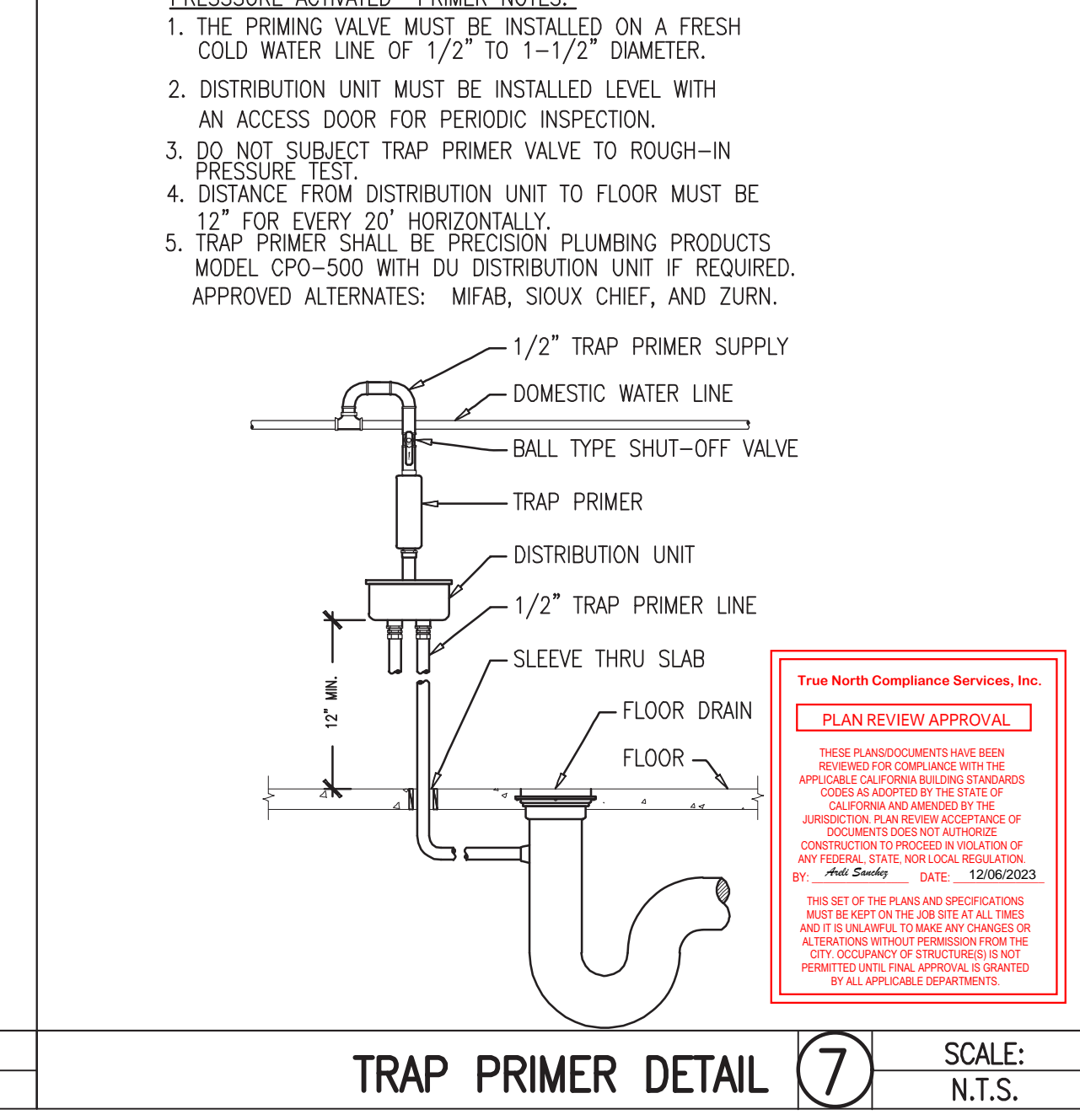
FLOOR CLEAN-OUT DETAIL 6 SCALE: N.T.S.



VENT THRU ROOF DETAIL 5 SCALE: N.T.S.

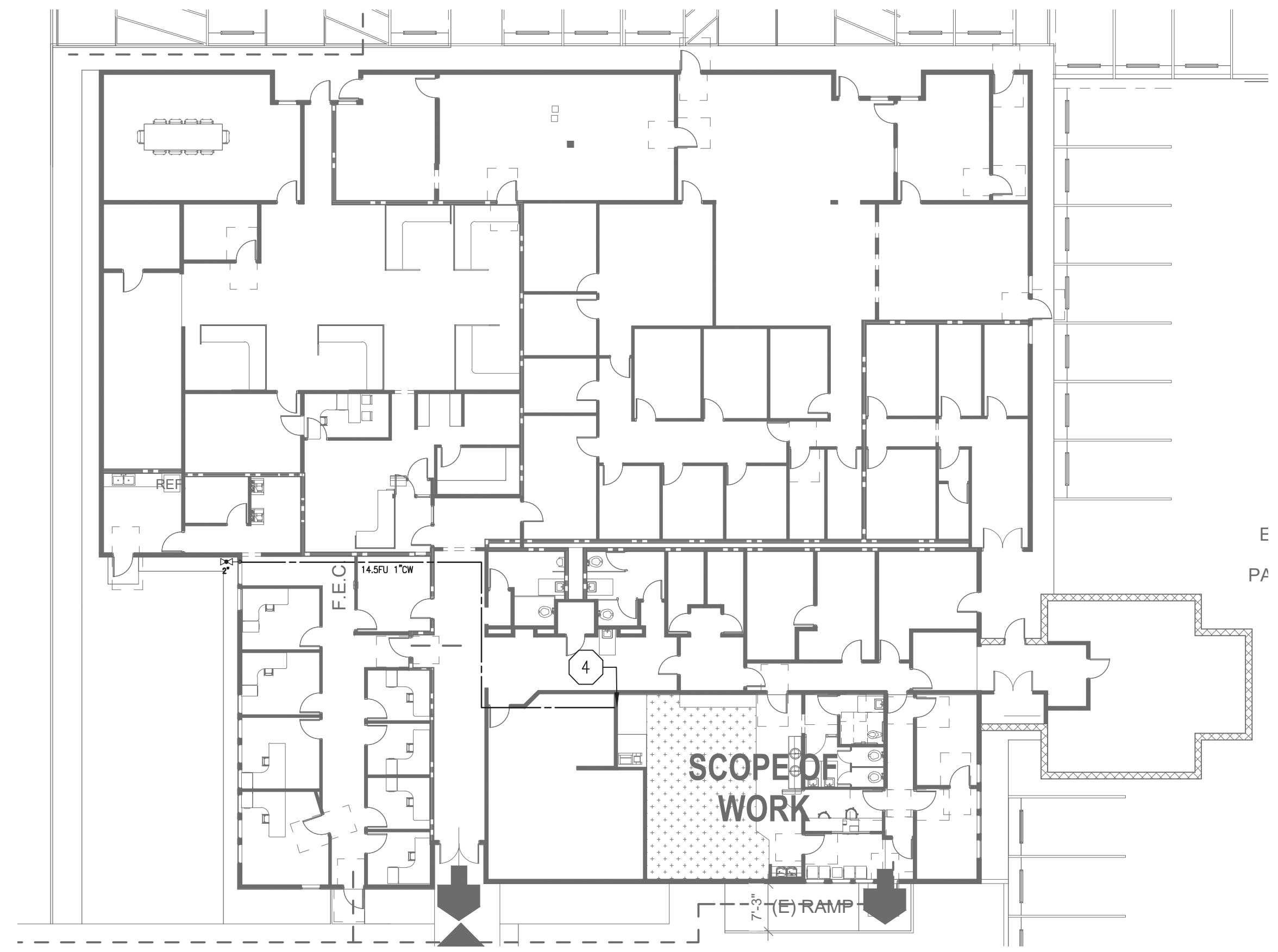


LAVATORY MIXING VALVE DET. 8 SCALE: N.T.S.

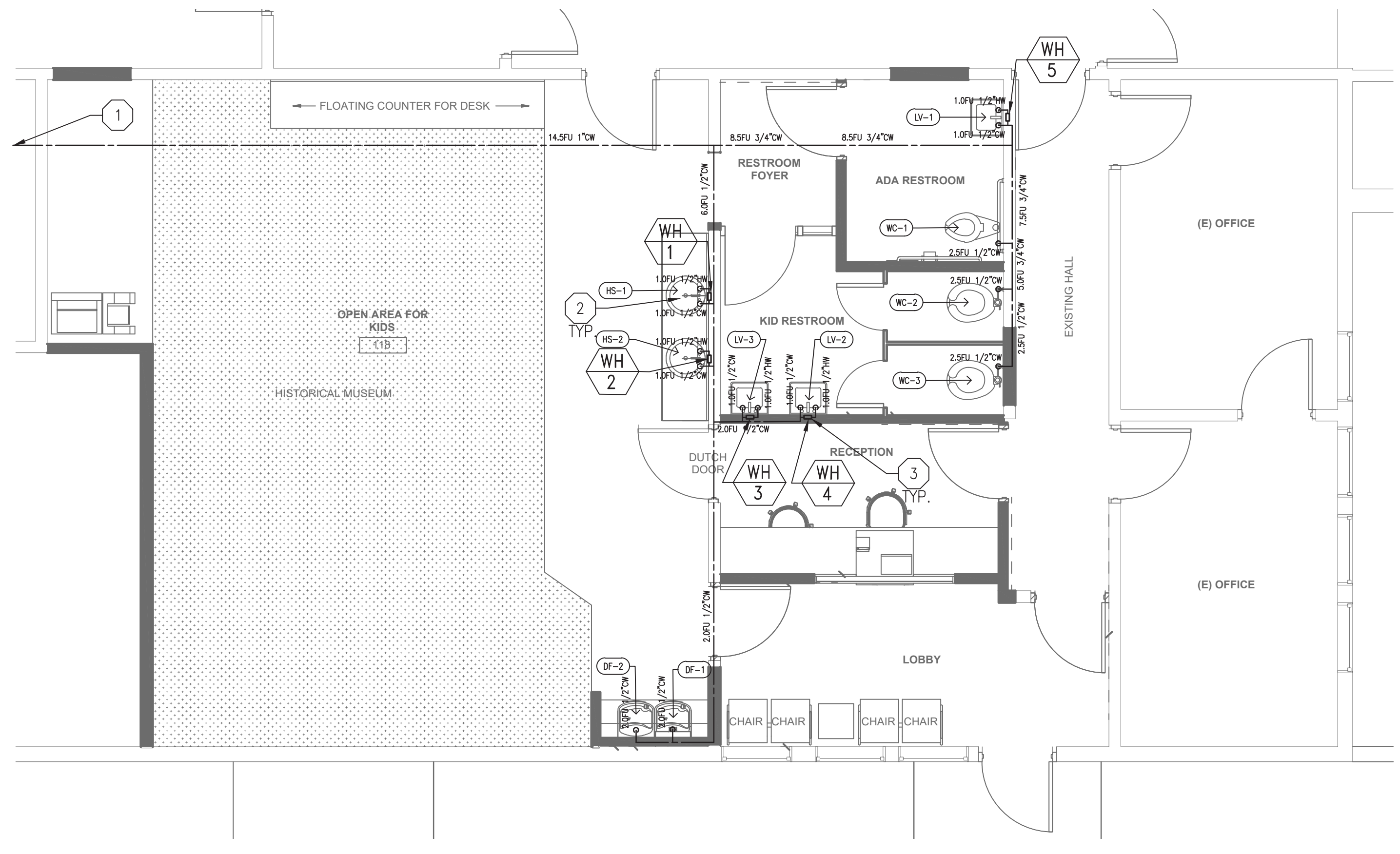


TRAP PRIMER DETAIL 7 SCALE: N.T.S.

DATE	
REVISION	
NO.	
11/8/2023	
OWNER/CLIENT:	CITY OF PERRIS
PROJECT TITLE	EARLY CHILDHOOD CLASSROOM & OFFICE
PROJECT ADDRESS	CITY OF PERRIS, 227 N. D STREET, PERRIS, CA 92570
SHEET TITLE	GENERAL LEGEND & ABBREVIATIONS
PROJECT NO.:	224642
DATE:	08/07/2022
SCALE:	AS SHOWN
DRAWING NO.	P100



4 MAIN SHUT-OFF VALVE LOCATION
1/16"=1'-0"



1 WATER SYSTEM PLAN
1/4"=1'-0"

HOT WATER INSULATION VALUES:

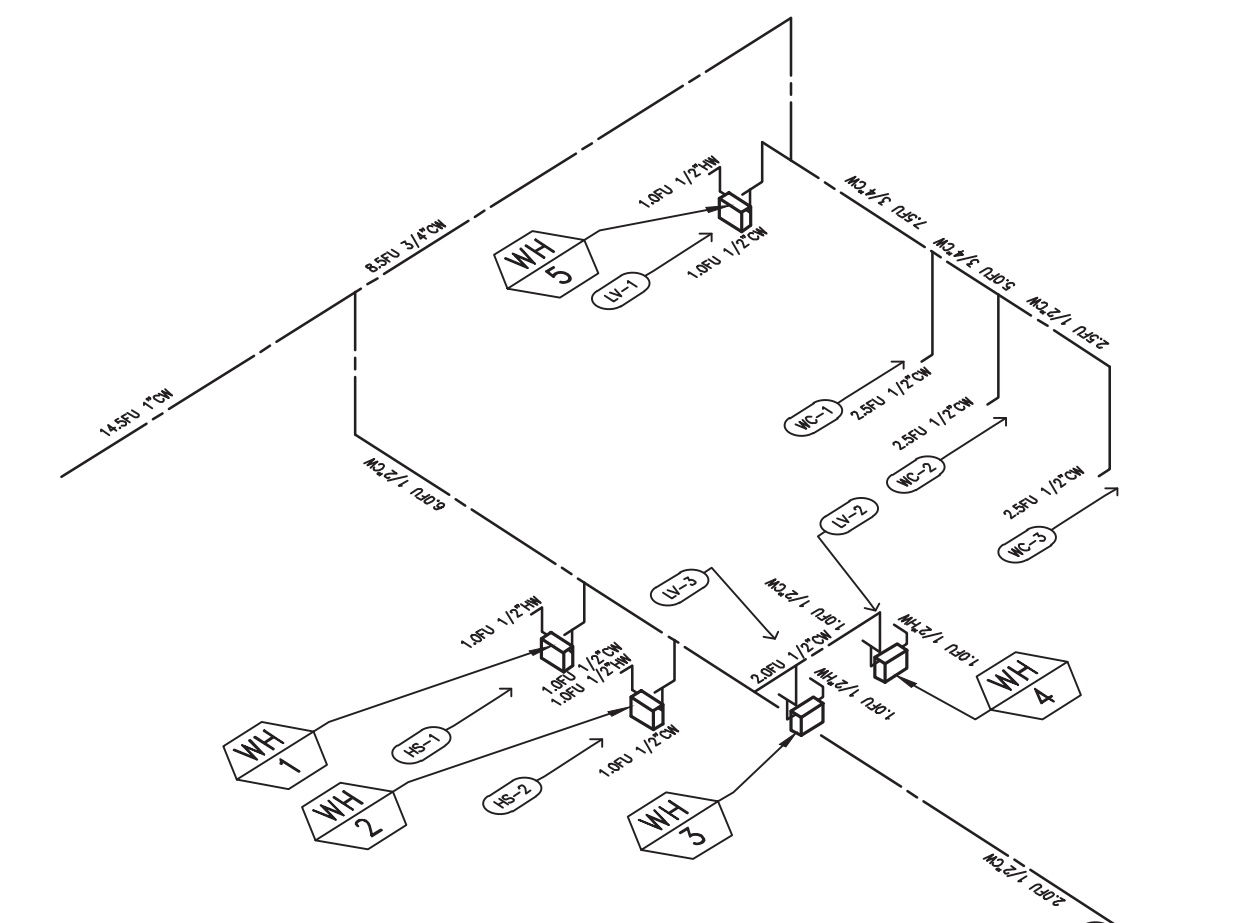
FLUID TEMPERATURE RANGE 105-140 °F
 CONDUCTIVITY RANGE
 0.22 - 0.28 BTU-IN PER HOUR PER FT² PER °F
 INSULATION MEAN RATING TEMP 100 °F

MINIMUM INSULATION VALUES ARE LISTED BELOW FOR EACH PIPE DIAMETER.

NOMINAL PIPE DIAMETER REQUIRED	MINIMUM INSULATION
< 1"	1.0" OR R-7.7
1" TO < 1.5"	1.5" OR R-12.5
1.5" TO < 4"	1.5" OR R-11

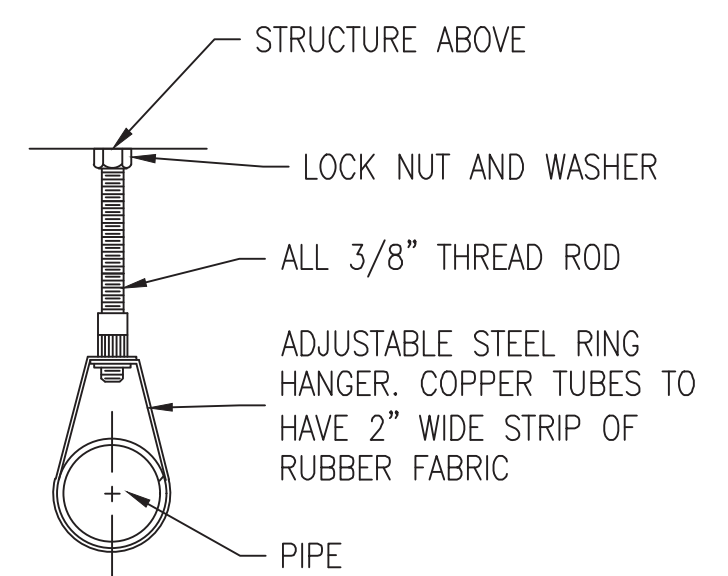
KEYED NOTES:

- 1 1" COLD WATER PIPE AND SHUTOFF VALVE TO MAIN 2" PIPE, SEE 4/P200 FOR CONTINUATION. CONTRACTOR TO VERIFY
- 2 PROVIDE USG-B LAVATORY MIXING VALVE THAT CONFORMS ASSE1070 TO ACHIEVE 110F. SEE 8/P100
- 3 NEW ELECTRIC WATER HEATER .SEE WATER HEATER SCHEDULE AND DETAILS ON SHEET P-110
- 4 SEE 1/P200 FOR CONTINUATION
- 5 EXISTING 2" MAIN SHUT-OFF VALVE. CONTRACTOR TO VERIFY



2 WATER SYSTEM ISO. PLAN
N.T.S.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
 THESE PLANDOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND REVIEWED BY THE APPLICABLE PLAN REVIEW OFFICIAL OF THE CITY OF PERRIS. THIS REVIEW IS FOR INFORMATION PURPOSES ONLY AND DOES NOT CONSTITUTE AN ENDORSEMENT OR GUARANTEE OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS. DATE: 12/06/2023



- NOTES:**
1. MAXIMUM PIPE SUPPORT SPACING FOR COPPER SOLDERED AND BRAZED 1-1/2" AND SMALLER SHALL BE 6 FEET AND 2" AND LARGER SHALL BE 10 FEET HORIZONTALLY AND VERTICALLY SHALL BE A MAXIMUM OF 10 FEET.

3 PIPE SUPPORT DETAIL
N.T.S.

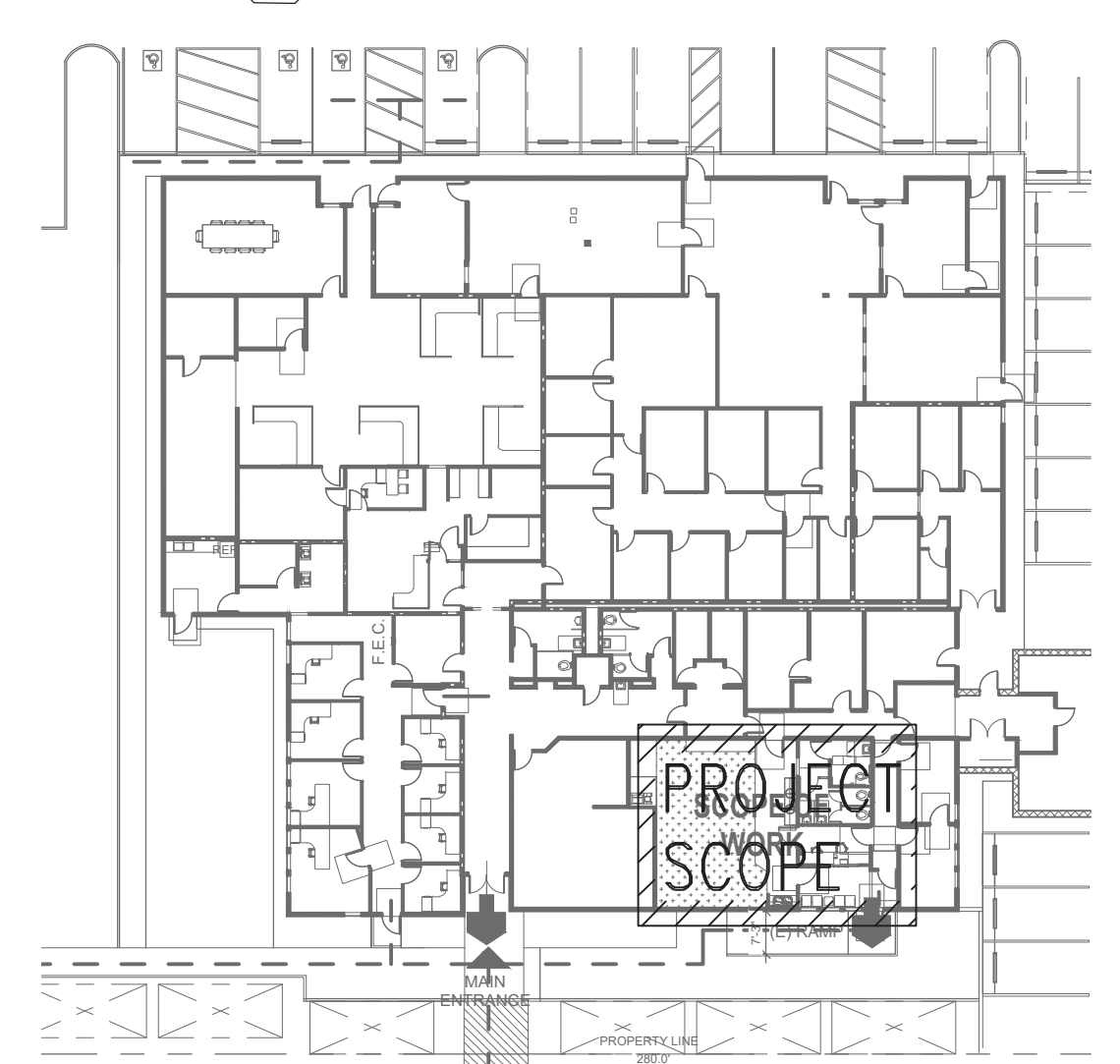
CALGREEN NOTE:

1. PER SECTION 301.1, CALGREEN AND CIVIL CODE 1101.3(C), ALL NON-COMPLIANT PLUMBING FIXTURES WITHIN THIS BUILDING SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES.

NOTES:

1. HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED SO AS TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
2. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL NOT BE GREATER THAN 5 LB. FT.
3. ALL FAUCETS SHALL BE METERED.
4. NEW PLUMBING FIXTURES AND FITTINGS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE FLOW RATES SPECIFIED IN SECTION 5.303.2
5. HOT WATER PIPING SHALL BE INSULATED AS PER CPC 609.11 AND CAL ENERGY CODE TABLE 120.3-A.
6. NO VENTING SYSTEM SHALL TERMINATE LESS THAN 3FEET ABOVE ANY FORCED AIR INLET LOCATED WITHIN 10 FEET OR LESS THAN 4 FEET FROM ANY PROPERTY LINE EXCEPT A PUBLIC WAY.
7. NO VENT FROM INDIRECT WASTE PIPING SHALL BE COMBINED WITH ANY SEWER CONNECTED VENT BUT SHALL EXTEND SEPARATELY TO THE OUTSIDE AIR.
8. STEAM AND/OR HOT WATER DRAINAGE REQUIRES AN INDIRECT WASTE LINE.
9. EACH PLUMBING FIXTURE SHALL BE SEPARATELY TRAPPED BY AN APPROVED TYPE WATER SEAL TRAP.
10. BUILDING SEWER SHALL BE TESTED TO COMPLY WITH CPC 732.0
11. CONTRACTOR TO VERIFY AND INVERT ELEVATION OF EXISTING SANITARY SEWER AND ADJUST SYSTEM LAYOUT TO ACCOMMODATE.
12. CONTRACTOR SHALL CAP ALL UNUSED SEWER LINES. IN THE INSTALLATION OR REMOVAL OF ANY PART OF A DRAINAGE SYSTEM, DEAD ENDS SHALL BE PROHIBITED. CLEANOUTS EXTENSIONS AND APPROVED FUTURE FIXTURE DRAINAGE PIPING SHALL NOT BE CONSIDERED AS DEAD ENDS.
13. ALL PENETRATIONS IN FIRE RATED CONSTRUCTION SHALL BE CAULKED OR SLEEVED.

KEY PLAN



DATE

REVISION

NO.

11/8/2023

REGISTERED PROFESSIONAL ENGINEER
MECHANICAL
STATE OF CALIFORNIA
11/8/2023

blueberry, inc.
 ENGINEERING SERVICES
 e-mail: info@blueberryinc.com
 Tel: (949)945-9614
 www.blueberryeng.com

OWNER/CLIENT:
 CITY OF PERRIS

PROJECT ADDRESS
 CITY OF PERRIS
 227 N. D. STREET,
 PERRIS, CA 92570

PROJECT TITLE
 EARLY CHILDHOOD
 CLASSROOM & OFFICE

SHEET TITLE
 WATER SYSTEM PLAN

PROJECT NO.:
 224642

DATE:
 08/07/2022

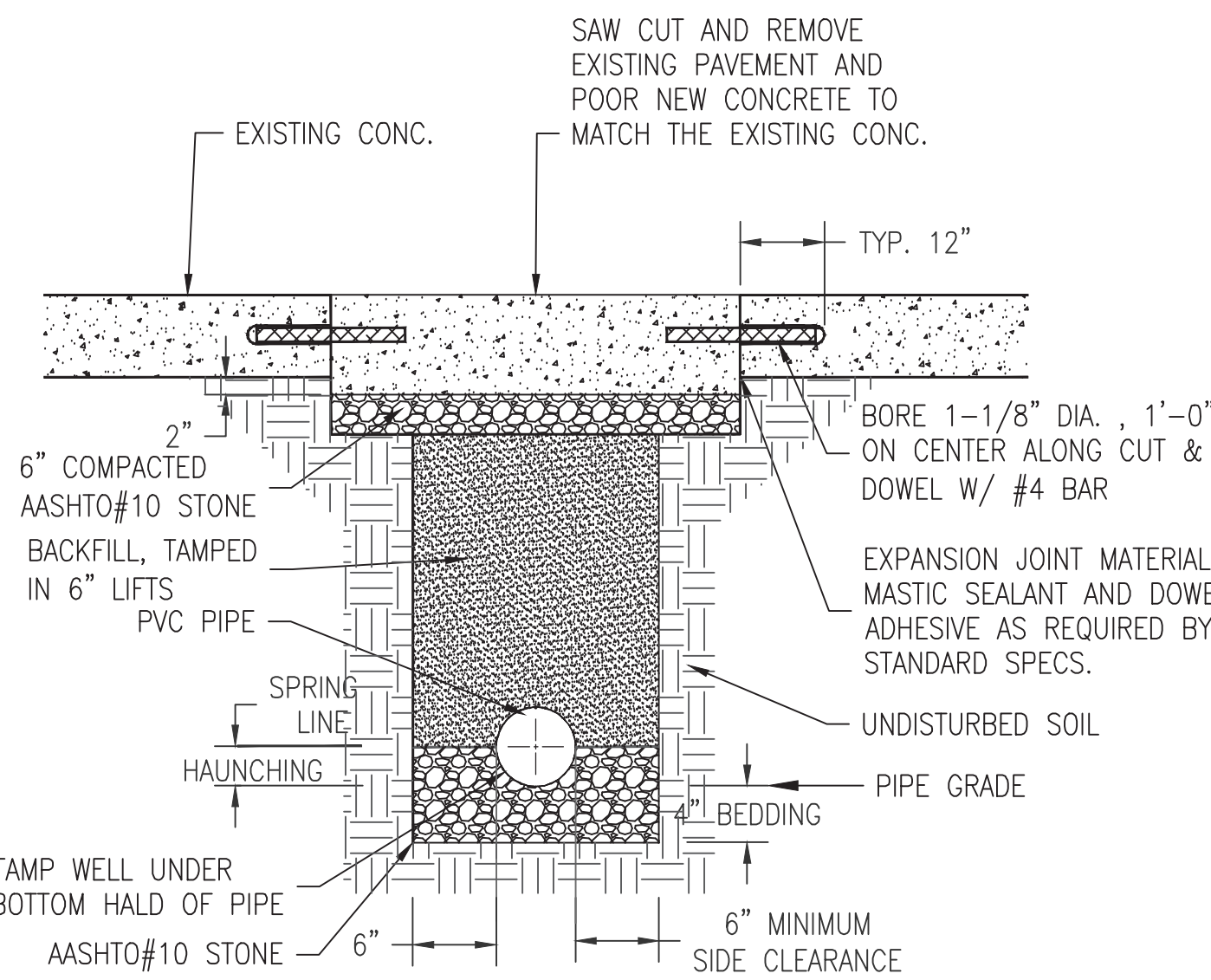
SCALE:
 AS SHOWN

DRAWING NO.
P200

APP. BY:

CHK. BY:

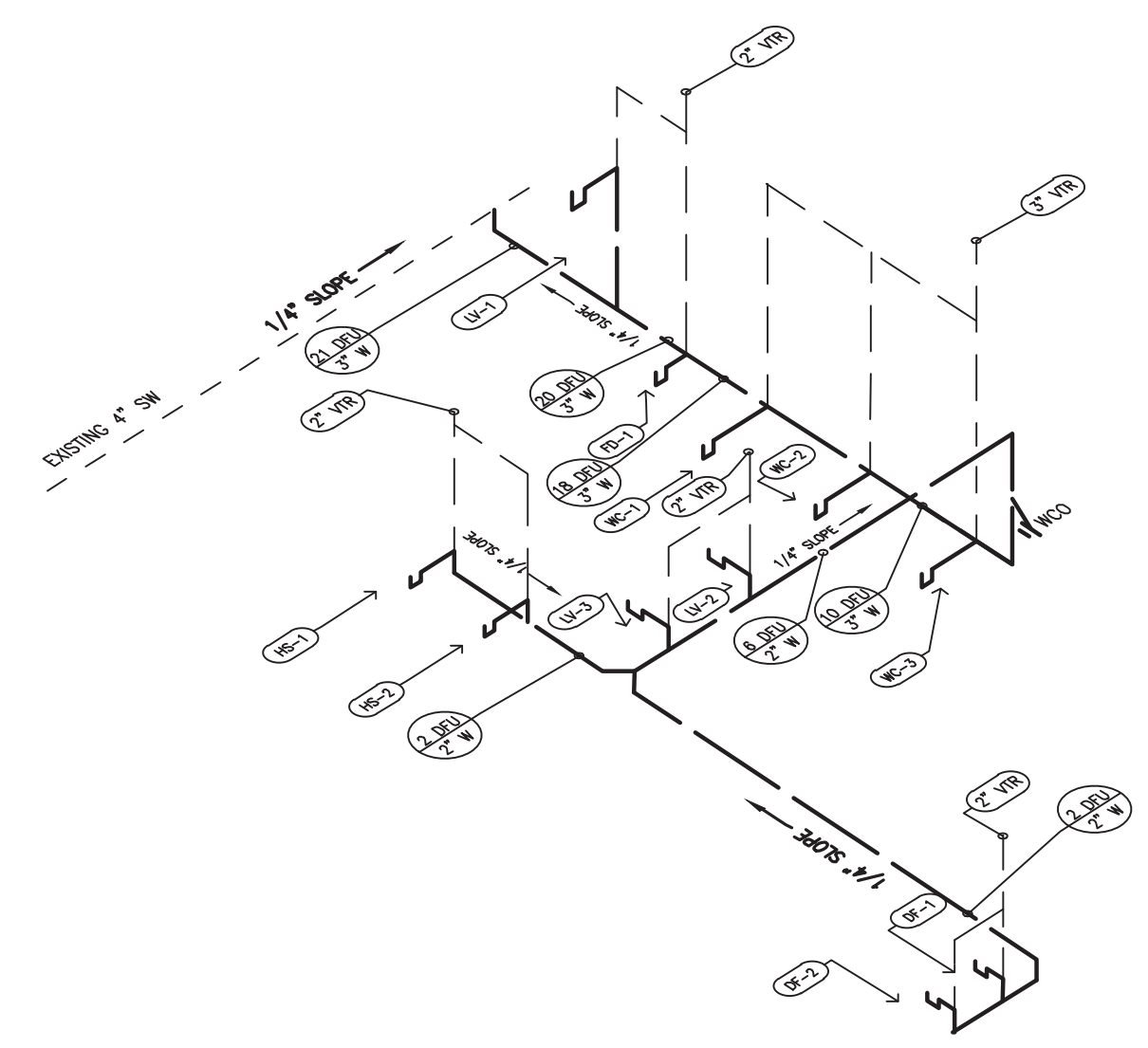
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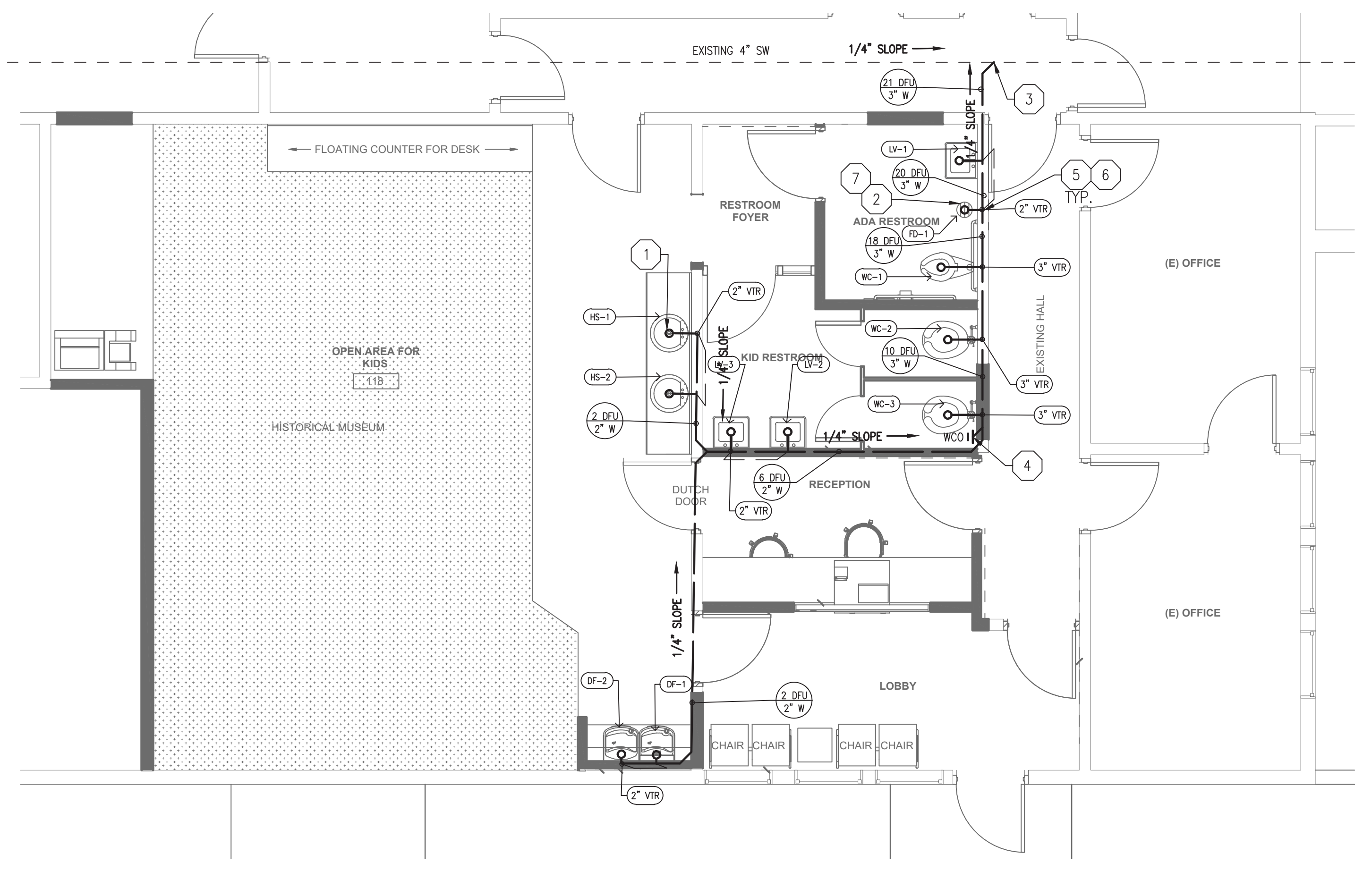
- KEYED NOTES:**
- 1 SEE INSTALLATION DETAILS 1 P100
 - 2 SEE INSTALLATION DETAILS 2 P100
 - 3 POINT OF CONNECTION TO EXISTING 4" WASTE. CONTRACTOR TO VERIFY.
 - 4 SEE INSTALLATION DETAILS 4 P100
 - 5 SEE INSTALLATION DETAILS 5 P100
 - 6 CONTRACTOR TO VERIFY AND KEEP 10' CLEARANCE BETWEEN THE VTR AND ANY AIR INTAKE TO THE BUILDING
 - 7 SEE INSTALLATION DETAILS 7 P100

- NOTES:**
- PAVEMENT SAW CUT SHALL BE DONE BY AN APPROVED SAW CUT MACHINE.
 - NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL.
 - ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
 - BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 12" IN NON-TRAFFIC AREAS.

3 SEWER TRENCH DETAILS
- N.T.S.



2 WASTE/VENT ISO. PLAN
- N.T.S.



1 WASTE/VENT SYSTEM PLAN
1/4"=1'-0" N

- NOTES:**
- NEW PLUMBING FIXTURES AND FITTINGS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE FLOW RATES SPECIFIED IN SECTION 5.303.2
 - NO VENTING SYSTEM SHALL TERMINATE LESS THAN 3 FEET ABOVE ANY FORCED AIR INLET LOCATED WITHIN 10 FEET OR LESS THAN 4 FEET FROM ANY PROPERTY LINE EXCEPT A PUBLIC WAY.
 - NO VENT FROM INDIRECT WASTE PIPING SHALL BE COMBINED WITH ANY SEWER CONNECTED VENT BUT SHALL EXTEND SEPARATELY TO THE OUTSIDE AIR.
 - STEAM AND/OR HOT WATER DRAINAGE REQUIRES AN INDIRECT WASTE LINE.
 - EACH PLUMBING FIXTURE SHALL BE SEPARATELY TRAPPED BY AN APPROVED TYPE WATER SEAL TRAP.
 - BUILDING SEWER SHALL BE TESTED TO COMPLY WITH CPC 732.0
 - CONTRACTOR TO VERIFY AND INVERT ELEVATION OF EXISTING SANITARY SEWER AND ADJUST SYSTEM LAYOUT TO ACCOMMODATE.
 - CONTRACTOR SHALL CAP ALL UNUSED SEWER LINES. IN THE INSTALLATION OR REMOVAL OF ANY PART OF A DRAINAGE SYSTEM, DEAD ENDS SHALL BE PROHIBITED. CLEANOUTS EXTENSIONS AND APPROVED FUTURE FIXTURE DRAINAGE PIPING SHALL NOT BE CONSIDERED AS DEAD ENDS.
 - ALL PENETRATIONS IN FIRE RATED CONSTRUCTION SHALL BE CAULKED OR SLEEVED.

DRAINAGE WASTE & VENT SYSTEM SIZING SYSTEM TABLE-DWV
CPC TABLE 703.2

MATERIALS: BELOW GRADE & ABOVE GRADE SCH.40 ABS PIPE AND FITTING

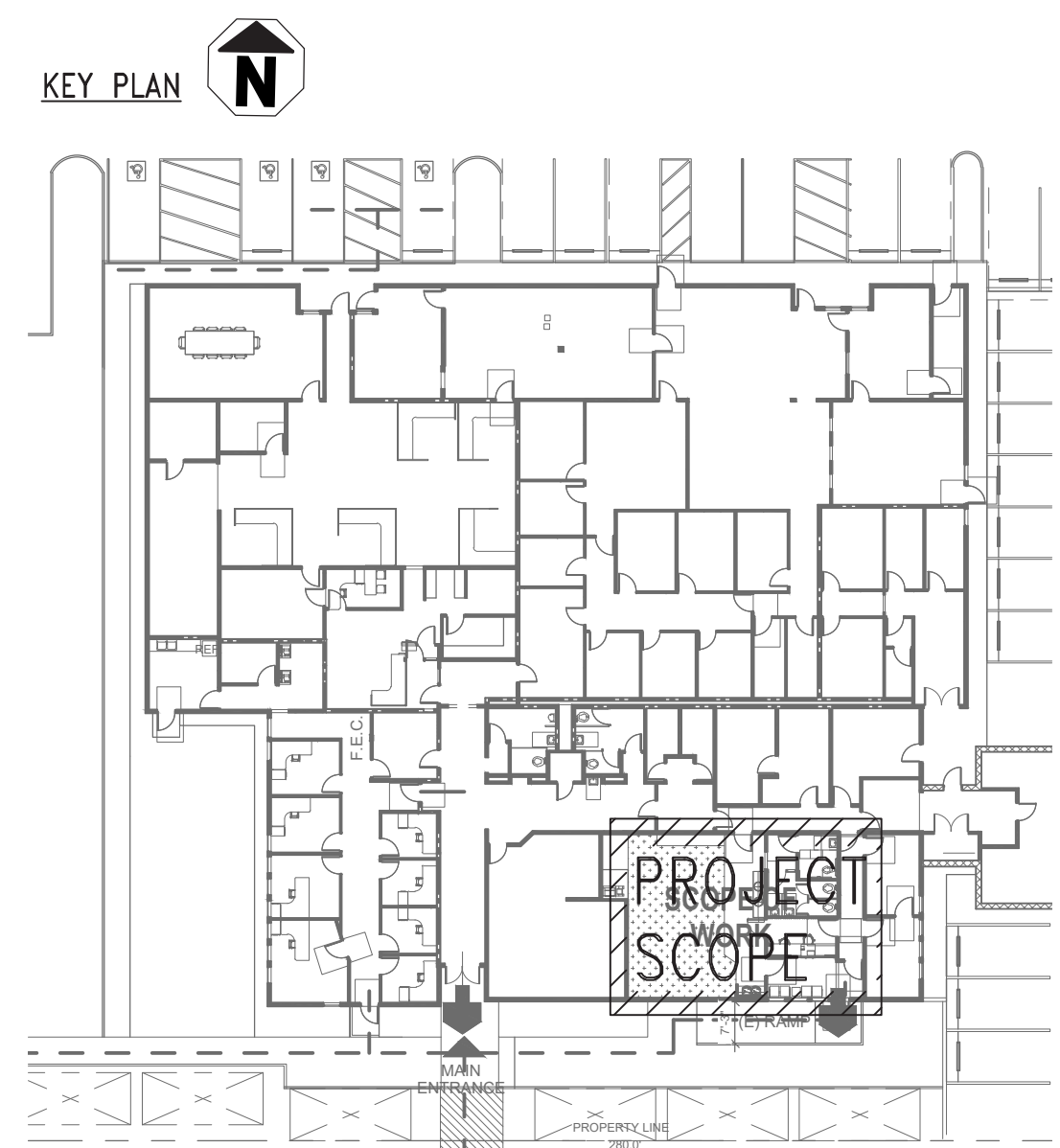
TAG	SANITARY SEWER FIXTURE	COUNT	D.F.U.	T.D.F.U.	BRANCH WASTE SIZE	VENT SIZE
WC	WATER CLOSET	3	4.0	12.0	3"	3"
LV	LAVATORY	3	1.0	3.0	2"	2"
HS	HAND SINK	2	1.0	2.0	2"	2"
FD	FLOOR DRAIN	1	2.0	2.0	2"	2"
DF	DRINKING FOUNTAIN	2	1.0	2.0	2"	2"
TOTAL WASTE FIXTURE LOAD= 21.0					3" WASTE LINE	

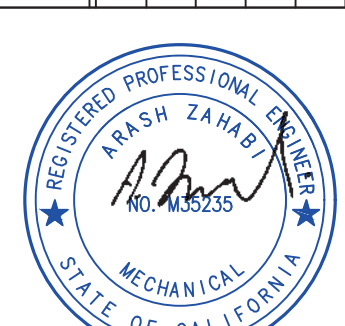


NOTES:
1. CONTRACTOR TO VERIFY AND KEEP 10' CLEARANCE BETWEEN THE VTR AND ANY AIR INTAKE TO THE BUILDING

CALGREEN NOTE:

- PER SECTION 301.1, CALGREEN AND CIVIL CODE 1101.3(C), ALL NON-COMPLIANT PLUMBING FIXTURES WITHIN THIS BUILDING SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES.

True North Compliance Services, Inc.
PLAN REVIEW APPROVAL
THESE PLANDOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND APPROVED BY THE JURISDICTIONAL PLAN REVIEW ACCEPTANCE DOCUMENTS. I DO NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY PROVISIONS OF THE CALIFORNIA BUILDING STANDARDS CODES. DATE: 11/06/2023
THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY. OCCUPANCY OF STRUCTURES IS NOT PERMITTED UNTIL FINAL APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.



DATE		REVISION		NO.	
 11/8/2023					
 blueberry, inc. ENGINEERING SERVICES e-mail: info@blueberryinc.com Tel: (949) 945-9614 www.blueberryeng.com					
 PROJECT CLIENT: CITY OF PERRIS PROJECT TITLE: EARLY CHILDHOOD CLASSROOM & OFFICE CITY OF PERRIS 227 N. D STREET, PERRIS, CA 92570					
PROJECT TITLE EARLY CHILDHOOD CLASSROOM & OFFICE					
SHEET TITLE WASTE/VENT SYSTEM PLAN					
PROJECT NO.: 224642					
DATE: 08/07/2022					
SCALE: AS SHOWN					
DRAWING NO. P300					
of					

R101 - Blueberry Inc 02: Blueberry Engineering Inc - 2022 Project 224642 Building Early Childhood and Office - Technical 3 - Native Files 224642 - Rev 101 - Drawings 224642.P-REV1.dwg
Plotted: Wednesday, November 08, 2023 12:48 PM

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 1 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

Project Address: 227 N D ST., PERRIS, CA 92570

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 155992-1123-0005 Report Generated: 2023-11-08 12:39:58

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 4 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 155992-1123-0005 Report Generated: 2023-11-08 12:39:58

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 7 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

Generated Date/Time: Documentation Software: Energy Code Ace

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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 2 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 155992-1123-0005 Report Generated: 2023-11-08 12:39:58

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 5 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 155992-1123-0005 Report Generated: 2023-11-08 12:39:58

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 8 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 155992-1123-0005 Report Generated: 2023-11-08 12:39:58

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 3 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

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CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 155992-1123-0005 Report Generated: 2023-11-08 12:39:58

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

Project Name: Early Child Hood Report Page: (Page 6 of 8) Date Prepared: 2023-11-08T15:39:55-05:00

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: 155992-1123-0005 Report Generated: 2023-11-08 12:39:58

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION Domestic Water Heating System CERTIFICATE OF COMPLIANCE NRCC-PLB-4

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DATE

REVISION

NO.

11/8/2023

blueberry, inc. ENGINEERING SERVICES

PROJECT ADDRESS: 227 N. D STREET, PERRIS, CA 92570

PROJECT TITLE: EARLY CHILDHOOD CLASSROOM & OFFICE

SHEET TITLE: PLUMBING TITLE-24

PROJECT NO.: 224642

DATE: 08/07/2022

SCALE: AS SHOWN

DRAWING NO. P400

APP. BY: [Signature]

CHK. BY: [Signature]

True North Compliance Services, Inc. PLAN REVIEW APPROVAL

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Blueberry Inc 02: Blueberry Engineering 03: 2022 Project 224642 Building Early Childhood and Office - Technical 03: Native File 224642 - Rev 101: Drawing 224642-REV1.dwg