

SUNOL COMMUNITY SCHOOL

BUILDING 'A' RESTROOMS UPGRADE, FIRE ALARM & SITE WORK

SANTA CLARA COUNTY OFFICE OF EDUCATION

258 SUNOL STREET, SAN JOSE, CALIFORNIA 95126

PTN # 10439-52

ARTiK

ART & ARCHITECTURE

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SYMBOL LEGEND

ROOM IDENTIFICATION

CLASSROOM

Room Name

Room Number

Sheet # Where Interior Elevations are Located

DEMOLITION KEY NOTE NUMBER

KEY NOTE NUMBER

PARTITION TYPE

CASEWORK IDENTIFICATION

CEILING HEIGHT

WINDOW TYPE

DOOR IDENTIFICATION

CONTROL POINT

GRID IDENTIFICATION

BUILDING SECTION

DETAIL CUT

NORTH ARROW

INTERIOR ELEVATIONS

ABBREVIATIONS

A.C. ACCESS.

A.F.F. ARCH.

ASSEM. BD.

BLDG. BLK.

BLKG. CAB.

C.B. CEM.

C.I. C.J.

CLR. CLKG.

COL. CONC.

CONF. CONN.

CONT. CORR.

C.P.F. CTSK.

CTR. C.W.

DBL. D.F.

DET. DIA.

DIM. DN.

DR. DS.

DWG. EA.

E.J. ELEV.

ELEC. EQ.

(E) EXT.

EXP. F.A.

F.D. FDN.

F.E. F.H.

FHWS FIN.

F.F. F.P.

FT. GA.

GALV. G.B.

G.I. G.W.B.

GYP. H.B.

I.D.

IN. INFO.

INSUL. LAV.

MAX. MTL.

MFR. M.H.

BLK. BLOCK.

MIN. MISC.

(N) N/A

N.I.C. N.T.S.

O.C. O.D.

OPP. PAV.

P.D.F. PL.

P.T.D. RAD.

REF. RM.

R.D. REQ.

R.C.P. RVL.

R.W.L. S.A.D.

S.C. S.D.

SEC. SHT.

SIM S.M.S.

SPEC. STD.

STL. STRUCT.

S.S.D. T.C.

TEL. T.O.P.

T.P. T.P.D.

T.W. TYP.

U.O.N. V.I.F.

W/ W.C.

W. WOOD

W/O W.P.

W.R. W.S.

INCH INFORMATION

INSULATION LAVATORY

MAXIMUM METAL MANUFACTURER

MAN HOLE MINIMUM MISCELLANEOUS

NEW NOT APPLICABLE

NOT IN CONTRACT NOT TO SCALE

ON CENTER OUTSIDE DIAMETER

OPPOSITE PAVING

POWDER DRIVEN PLATE

PAPER TOWEL DISPENSER

RADIUS REFRIGERATOR

ROOM ROOF DRAIN

REQUIRED REFLECTED CEILING

PLAN REVEAL

RAIN WATER LEADER

SEE ARCHITECTURAL DRAWINGS

SOLID CORE SOAP DISPENSER

SECTION SHEET

SIMILAR SHEET METAL SCREW

SPECIFICATION STANDARD

STEEL STRUCTURAL

SEE STRUCTURAL DRAWINGS

TOP OF CURB TELEPHONE

TOP OF PARAPET

TOP OF PAVEMENT

TOILET PAPER DISPENSER

TOP OF WALL

TYPICAL UNLESS OTHERWISE NOTED

VERIFY IN FIELD WITH WATER CLOSET

WOOD WITHOUT

WATERPROOF

WATER RESISTANT

WEATHER STRIPPING

ADMINISTRATIVE REQUIREMENTS

1. A COPY OF PARTS 1-5 AND 9, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.

2. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24 CCR.

3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24, AND APPROVED TESTS AND INSPECTIONS SHEET. TESTS OF MATERIALS SHALL AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335, PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST SHALL BE PER GENERAL CONDITIONS.

5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.

6. INSPECTOR SHALL BE APPROVED BY DSA AND EMPLOYED BY DISTRICT. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24.

7. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.

8. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM SSS-6) IN ACCORDANCE WITH SECTIONS 4-336 AND 4-343, PART 1, TITLE 24.

9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-333(a) AND 4-341, PART 1, TITLE 24.

10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343, PART 1, TITLE 24.

11. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHERE IN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANE DOCUMENT OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.

12. CHANGES TO THE STRUCTURAL, ACCESSIBILITY OR FIRE AND LIFE-SAFETY PORTIONS OF THE APPROVED PLANS AND SPECIFICATIONS AFTER THE WORK HAS BEEN LET SHALL BE MADE BY A CONSTRUCTION CHANGE DOCUMENT (CCD) AS REQUIRED IN SECTION 4-338, PART 1, CAC, AND SHALL BE SUBMITTED TO BE APPROVED BY DSA PRIOR TO COMMENCEMENT OF THE WORK. CONSTRUCTION CHANGE DOCUMENTS (CCD'S) SHALL BE PREPARED AND SUBMITTED TO DSA IN COMPLIANCE WITH DSA INTERPRETATION REGULATION IR A-6.

13. ADDENDA MUST BE SIGNED BY ARCHITECT AND APPROVED BY DSA. NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO THE DSA FOR APPROVAL.

15. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.

16. CONSTRUCTION CHANGE DOCUMENT MUST BE SIGNED BY THE FOLLOWINGS:

16.1. ARCHITECT OR ENGINEER OF RECORD.

16.2. STRUCTURAL ENGINEER (WHEN APPLICABLE)

16.3. DELEGATED PROFESSIONAL ENGINEER.

16.4. DSA

17. MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH APPLICABLE CODES, STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.

18. PER CBC 11B-104.1 "ALL DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS."

GOVERNING CODES

2016 CBC; PARTIAL LIST OF APPLICABLE CODES as of 06/29/2017

CCR Title-8, Ch.4, Sub-Ch. 6 - Elevator Safety Orders

2016 Title-19 C.C.R., Public Safety, State Fire Marshal Regulations

2016 Title-24 C.C.R., California Building Standards Administrative Code, Part 1, CBSC

2016 Title-24 C.C.R., California Building Code Volume 1 & 2 (CBC), Part 2, CBSC (2015 IBC, as amended by CA)

2016 Title-24 C.C.R., California Electric Code (CEC), Part 3, CBSC (2014 as amended by CA)

2016 Title-24 C.C.R., California Mechanical Code (CMC), Part 4, CBSC (2015 IAPMO UMC, as amended by CA)

2016 Title-24 C.C.R., California Plumbing Code (CPC), Part 5, CBSC (2015 IAPMO UPC, as amended by CA)

2016 Title-24 C.C.R., California Energy Code (CEC), Part 6, CBSC

2016 California Historical Building Code, Part 8, CBSC

2016 Title-24 C.C.R. California Fire Code (CFC), Part 9, (2015 IFC, as amended by CA), CBSC

2016 California Existing Building Code, Part 10, CBSC

2016 Title-24 C.C.R. California Green Building Standards Code (CALGreen), Part 11

2016 Title-24 C.C.R. California Referenced Standards, Part 12, CBSC

Notes:

1. Compliance with CFC Chapter 33, Fire Safety during Construction and Demolition and CBC Chapter 33, Safety During Construction will be enforced.

2. Some codes may not apply if work regulated by such code is not within the scope of this project.

PROJECT DIRECTORY

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ARTIK ART & ARCHITECTURE

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MICHAEL DIGERT

PEOPLES ASSOCIATES

1996 TAROB CT.

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SCOPE OF WORK

DSA submittal includes, but is not limited to, the following upgrades of an existing building:

Alteration and renovation of existing Boy's and Girl's restrooms to provide accessible restrooms

New accessible parking spaces

New and replaced concrete paving to provide an accessible path-of-travel into the existing building

Fire Alarm upgrade at restrooms area

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CIVIL

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GENERAL NOTES

1. EXISTING CONSTRUCTION DATA SHOWN ON THE DRAWINGS WAS OBTAINED FROM AVAILABLE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF ALL EXCEPTIONS BEFORE PROCEEDING WITH THE WORK.

2. SEE ARCHITECTURAL DRAWINGS FOR LAYOUT DIMENSIONS AND ELEVATIONS EXCEPT WHERE INDICATED OTHERWISE.

3. ALL DISCREPANCIES BETWEEN DRAWINGS SHALL BE CLARIFIED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.

4. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN OR DETAILED ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN OR CALLED FOR.

5. DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED ON THE JOB SITE BY EACH CONTRACTOR. ERRORS, OMMISIONS OR DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE WORK BEGINS OR SUPPLIES ARE ORDERED.

6. VERIFY ELECTRICAL, MECHANICAL, FIRE ALARM, TELEPHONE AND SECURITY REQUIREMENTS BEFORE CONSTRUCTION BEGINS.

7. WORK SHALL BE PERFORMED IN CONFORMANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES, LAWS, AND REGULATIONS APPLICABLE TO THIS WORK.

8. SEPARATE APPLICATION MAY BE REQUIRED FOR ALL N.I.C. ITEMS NOT PART OF DSA APPROVAL.

9. PURSUANT TO CCR TITLE 19, SUBCHAPTER 1, ARTICLE 3.05-ACCESS ROADS AND ARTICLE 3.16-GATE ENTRANCES TO SCHOOL GROUNDS: IT IS NECESSARY TO PROVIDE FIRE & LIFE SAFETY AT DSA WITH WRITTEN CERTIFICATION FROM THE LOCAL FIRE AUTHORITY THAT THE ABOVE SECTIONS ARE BEING MET TO THEIR SATISFACTION. IT IS NECESSARY TO PROVIDE THIS INFORMATION PRIOR TO RECEIVING APPROVAL BY FIRE & LIFE SAFETY. IF FURTHER INFORMATION IS DESIRED, PLEASE CONTACT FIRE & LIFE SAFETY AT (510) 822-3101.

10. ANY ITEM IDENTIFIED TO BE DEMOLISHED, REMOVED OR RELOCATED IS TO BE COMPLETELY REMOVED, INCLUDING BUT NOT LIMITED TO ANY CONCEALED ITEMS (PIPES, CURBS, FRAMING, BEAMS, FASTENERS, ETC.). ALL ITEMS WITHIN A DEMOLISHED AREA THAT MUST BE REROUTED IN ORDER TO MAINTAIN CONTINUITY SHALL BE DONE SO IN ACCORDANCE WITH APPROPRIATE SPECIFICATION SECTIONS IN THE PROJECT MANUAL AT NO ADDITIONAL COST. IF NO SPECIFICATION CAN BE FOUND WITHIN THE PROJECT MANUAL, THEN CONTINUITY SHALL BE MAINTAINED BY CURRENT STANDARD METHODS FOR CONSTRUCTION BUT NOT LESSER IN QUALITY THEN EXISTING. ANY AREA OF DEMOLITION OR REMOVAL SHALL BE LEFT IN A COMPLETELY FINISHED CONDITION AS OUTLINED IN THE PROJECT MANUAL.

11. ALL CASE WORK TO BE ATTACHED TO WALLS AND FLOORS AS INDICATED ON DRAWINGS. IF NO SPECIFIC DETAIL IS REFERENCED, USE THE DETAILS REFERENCED FOR SIMILAR CONDITIONS ON OTHER CASEWORK.

12. FOOD HANDLING FACILITIES SHALL COMPLY WITH LOCAL/ COUNTY HEALTH DEPARTMENT REQUIREMENTS.

13. ALL ITEMS LISTED AS N.I.C. ARE NOT PART OF THIS DSA APPROVAL.

VICINITY MAP

Consultant Seal

Legend

Key Plan

Project Title

SUNOL COMMUNITY SCHOOL

RESTROOMS UPGRADE

258 SUNOL STREET

SAN JOSE, CA 95126

SANTA CLARA COUNTY

OFFICE OF EDUCATION

No

Revisions/Submissions

Date

1

DSA SUBMITTAL

06/28/2017

2

DSA BACKCHECK SUBMITTAL

09/28/2017

Drawing Title

TITLE SHEET

Regulatory Agency Approval

IDENTIFICATION STAMP

DIV. OF THE STATE ARCHITECT

OFFICE OF REGULATION SERVICES

01-116854

DATE: SEP 20 2017

Architect Seal

LICENSED ARCHITECT

MARTIN HOGREBE

No. C-22312

Exp. 03-31-19

STATE OF CALIFORNIA

File Number

43-05

Application Number

Project No.

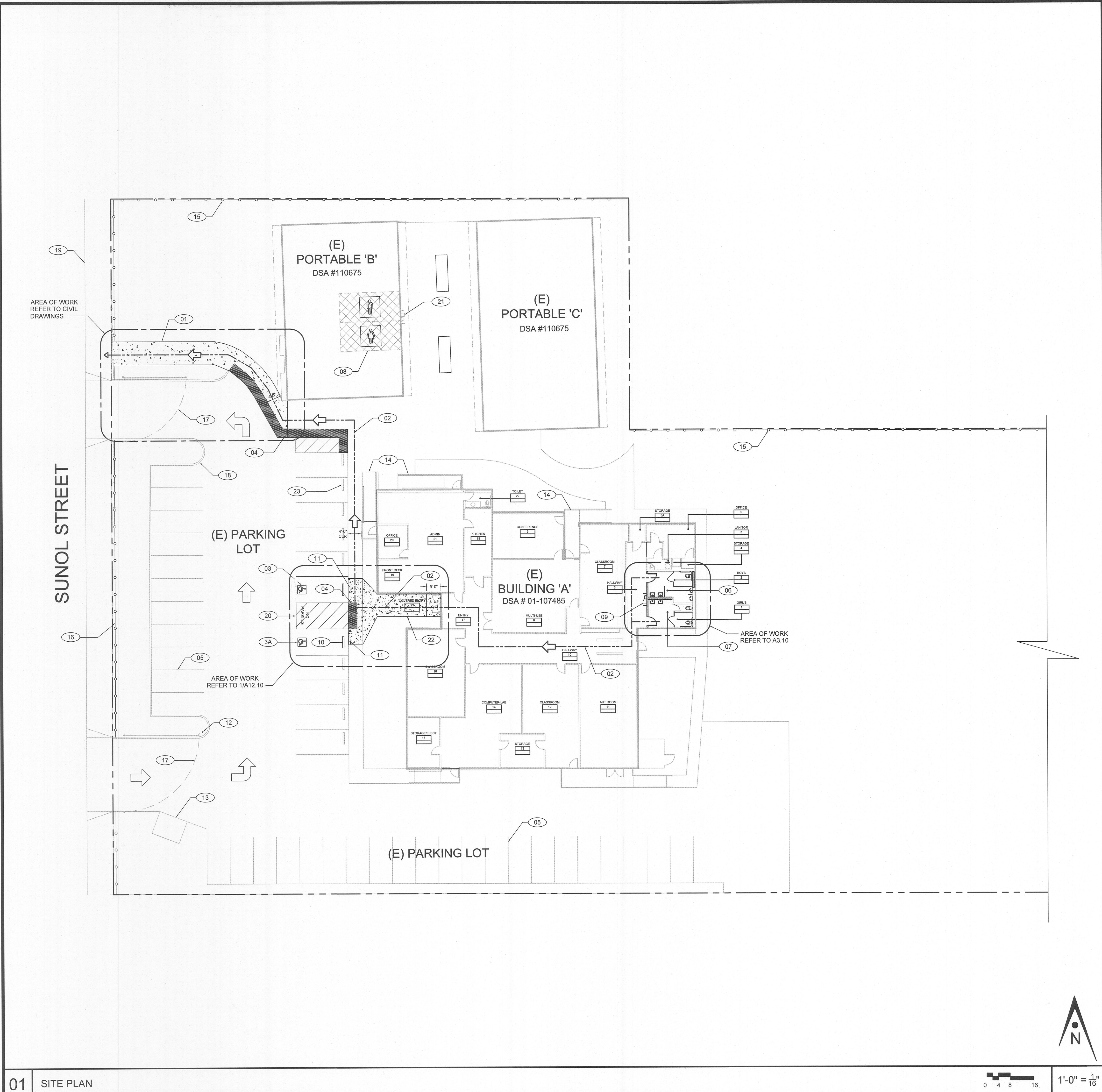
06307

Date

06/27/2017

Drawing No

A0.01



GENERAL NOTES

1. TYPICAL, EXISTING TO REMAIN U.O.N.; PROTECT ALL WORK TO BE REINSTALLED AND ALL (E) SITE FEATURES FROM DAMAGE INCLUDING BUT NOT LIMITED TO, STRUCTURES, UTILITIES, TREES, LANDSCAPING, AND SITE WORK. ANY DAMAGE SHALL BE REPAIRED/ REPLACED TO OWNER'S SATISFACTION.
2. SEE CIVIL, STUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ACTUAL FIELD CONDITIONS PRIOR COMMENCEMENT OF WORK.
4. CONTRACTOR TO FIELD VERIFY EXTENT OF ALL DEMOLITION REQUIRED TO ACCOMMODATE CONSTRUCTION.
5. SAFE OFF ALL (E) EQUIPMENT AND DEVICES IN (E) BUILDING. DISCONNECT AND REMOVE ALL (E) CONDUITS AND WIRING OF (E) POWER AND LOW VOLTAGES SYSTEMS (FIRE ALARMS, SECURITY, TEL/DATA, CLOCK/PA) BACK TO THE SOURCE. ABANDONAND CAP UNDERGROUNDCONDUITS IN PLACE.
6. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE. ALL WALKING SURFACES ALONG ACCESSIBLE ROUTE SHALL HAVE MAX. RUNNING SLOPE OF 1:20 (5%) & CROSS SLOPE OF 1:48 (2%) PER 11B-403.3.

BUILDING SUMMARY

(E) BUILDING 'A'
OCCUPANCY: E
CONSTRUCTION TYPE: V-A
SQ. FT. : 8,044.94

PARKING ANALYSIS

EXISTING PARKING LOT
TOTAL PARKING SPACES: 43
1 STANDARD ACCESSIBLE, 1 VAN ACCESSIBLE SPACES
REQUIRED: 2
(E) ACCESSIBLE SPACES: 2

KEYNOTES

- 01 REMOVE & REPLACE (E) CONCRETE WALKWAY SEE CIVIL DRAWINGS
- 02 LINE INDICATES PATH OF TRAVEL
- 03 VAN ACCESSIBLE PARKING, REFER TO CIVIL DRAWINGS
- 3A ACCESSIBLE PARKING, REFER TO CIVIL DRAWINGS
- 04 SURFACE APPLIED DETECTABLE WARNING PANEL, BASIS OF DESIGN PRODUCT, ADA SOLUTIONS INC. PART # 3660IDRET2, SEE DETAIL 10/C-2
- 05 (E) REGULAR PARKING STALLS
- 06 (E) BOYS RESTROOM TO BE ACCESSIBLE UPGRADED SEE A3.10
- 07 (E) GIRLS RESTROOMS TO BE ACCESSIBLE UPGRADED SEE A3.10
- 08 (E) ACCESSIBLE RESTROOMS
- 09 RELOCATED ACCESSIBLE DRINKING FOUNTAIN
- 09 (E) RELOCATED ACCESSIBLE DRINKING FOUNTAIN
- 10 CONCRETE WHEEL STOP REFER TO CIVIL DRAWINGS
- 11 ACCESSIBLE PARKING SIGN REFER TO CIVIL DRAWINGS
- 12 PROVIDE TOW AWAY SIGN REFER TO CIVIL DRAWINGS
- 13 (E) TRASH ENCLOSURE
- 14 (E) CONCRETE RAMPS
- 15 (E) CHAINLINK FENCE
- 16 (E) STEEL FENCE (FRONT FACADE ONLY)
- 17 (E) DRIVEWAY SWING ARM GATE
- 18 (E) CONCRETE PLANTER CURB
- 19 (E) CONCRETE PUBLIC SIDEWALK
- 20 NO PARKING AREA (ACCESSIBLE LOADING ZONE) SEE CIVIL DRAWINGS
- 21 (E) ACCESSIBLE DRINKING FOUNTAIN
- 22 REMOVE & REPLACE (E) SLOPED CONCRETE WALKWAY SEE CIVIL DRAWINGS
- 23 (E) CONCRETE WHEEL STOP

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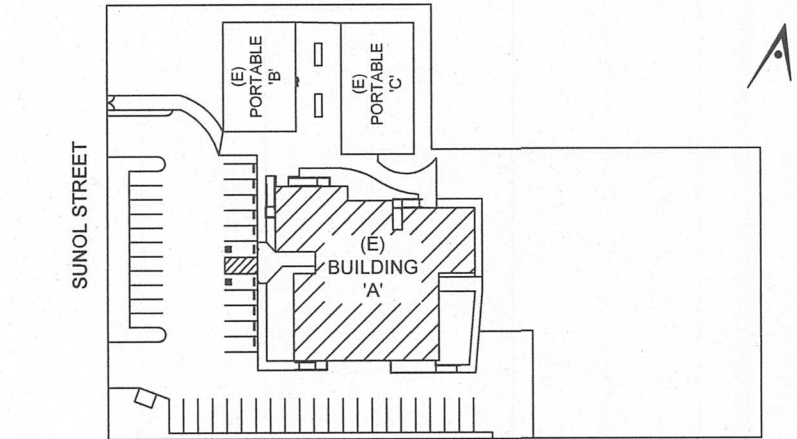
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Legend

- (E) ACCESSIBLE RESTROOMS.
- (E) CHAIN LINK FENCE TO REMAIN.
- ACCESSIBLE POT
- CONCRETE WALKWAY PROVIDE ADA CODE REQUIREMENTS

Key Plan



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No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

SITE PLAN

Regulatory Agency Approval

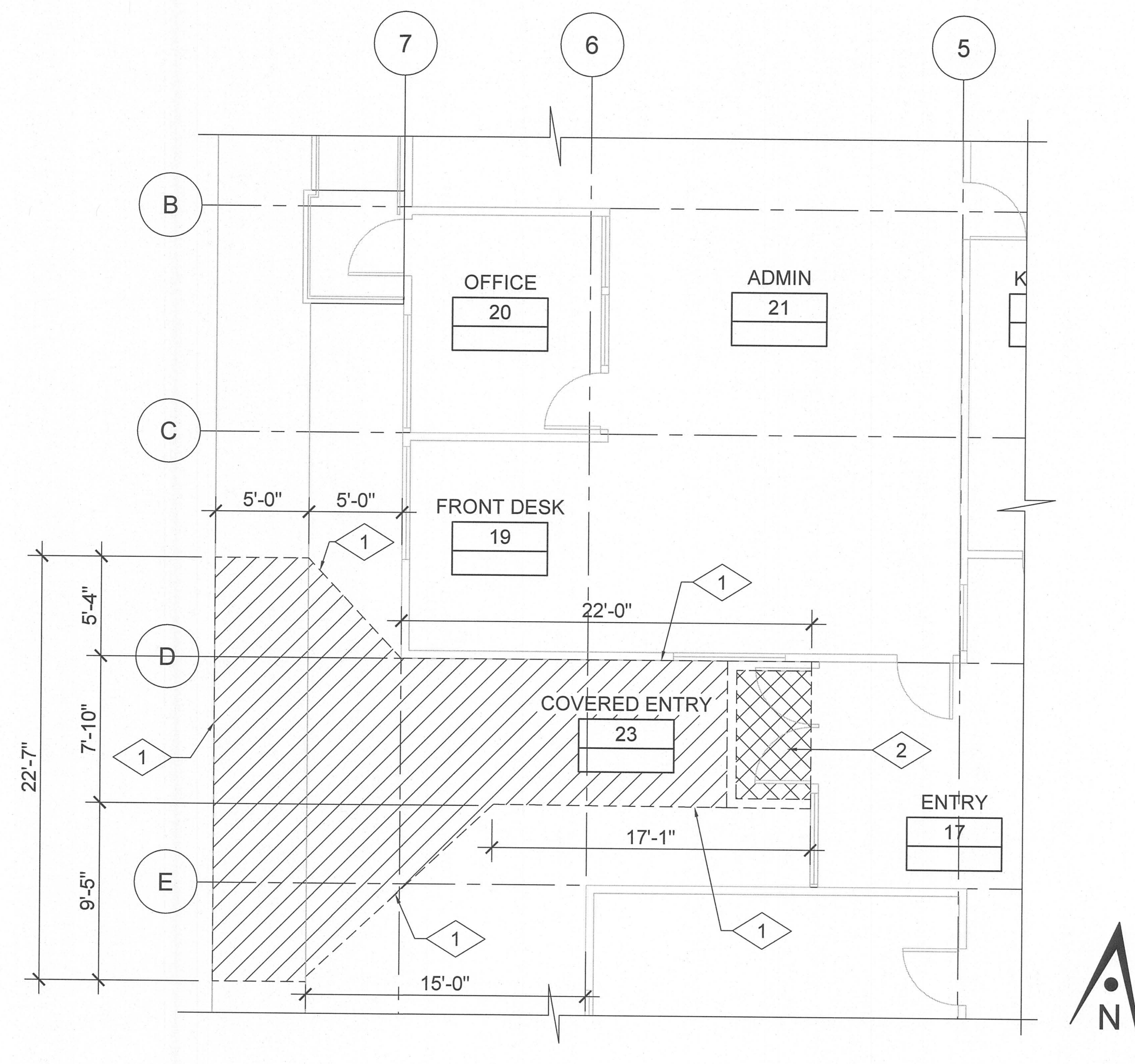
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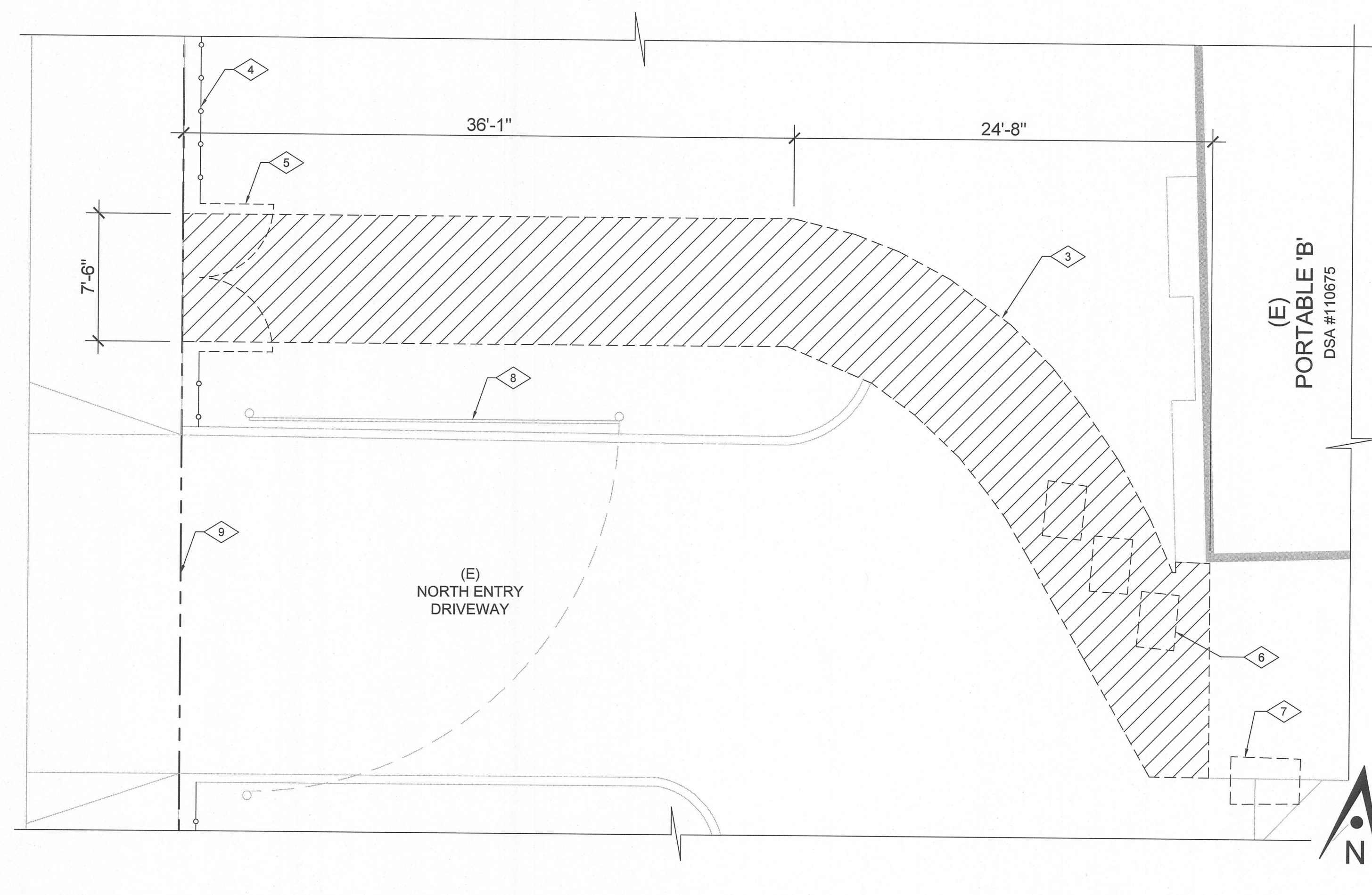
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02 DEMOLITION BUILDING 'A' FRONT ENTRY CONCRETE WALKWAY

3/16"=1'-0"



01 DEMOLITION SITE ENTRY CONCRETE WALKWAY

3/16"=1'-0"

GENERAL NOTES

- DEMOLITION PLAN IS DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION EVEN IF NOT SPECIFICALLY INDICATED ON THE DEMOLITION DRAWINGS.
- CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER DISCIPLINES.
- REFER TO PLUMBING, ELECTRICAL, CIVIL AND STRUCTURAL FOR SPECIFIC DEMOLITION SCOPE.
- CONTRACTOR TO COORDINATE ALL SAW CUT IN CONCRETE SLAB AND PAVEMENT AS REQUIRED FOR NEW WORK.
- ALL MATERIAL INDICATED TO BE REMOVED IS TO BE DISPOSED OFF IN A LEGAL MANNER. CONTRACTOR TO CONFIRM WITH OWNER FOR EQUIPMENT TO BE SALVAGED OR STORED.
- CONTRACTOR SHALL PROTECT PORTIONS OF EXISTING CONSTRUCTION NOT INDICATED TO BE DEMOLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT AND REPAIR OF ITEMS TO REMAIN.
- PARTIAL DEMOLITION TO INCLUDE TRIMMING AND CAPPING SYSTEMS THAT ARE TO REMAIN OPERABLE.
- DISCONNECT (E) PLUMBING FIXTURES TO BE RELOCATED AND/OR REMOVED AND CAP (E) CONNECTIONS. WHERE (E) CONNECTIONS ARE TO BE ABANDONED, CAP SHOULD NOT BE VISIBLE ON OR ABOVE FINISHED SURFACE.
- CONTRACTOR SHALL COORDINATE EXTENT OF DEMOLITION FOR INSTALLATION OF BLOCKING AS NECESSARY FOR ALL DISCIPLINES, AS WELL AS RELOCATION OF ANY EXISTING POWER AND DATA OUTLETS.
- ALL DEMOLITION TO BE DONE PER DISTRICT ABATEMENT REPORT

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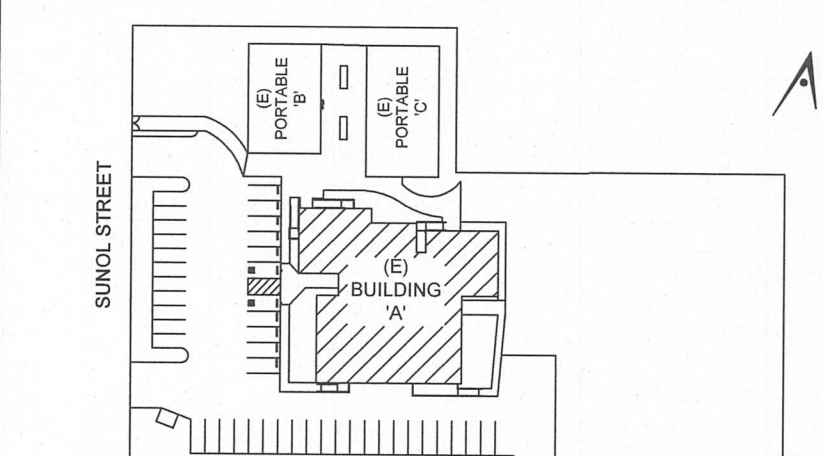
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www.ArtikA3.com

Consultant Seal

Legend

- (E) WALLS TO REMAIN
- DEMO (E) WALL
- DEMO (E) DOOR
- ITEMS TO BE REMOVED

Key Plan



Project Title

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RESTROOMS UPGRADE**

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SAN JOSE, CA 95126

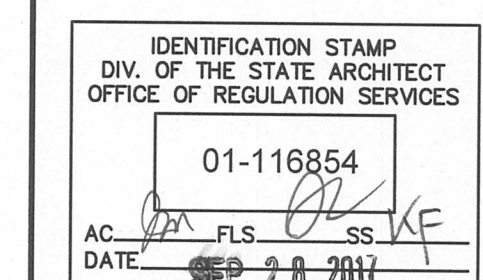
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SITE DEMO

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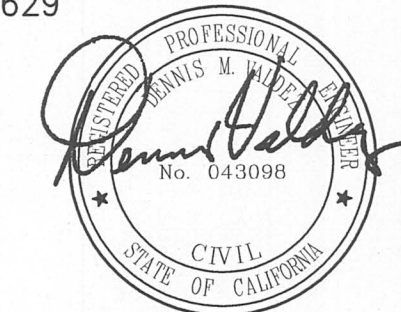
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BRIO Engineering
ASSOCIATES, INC.

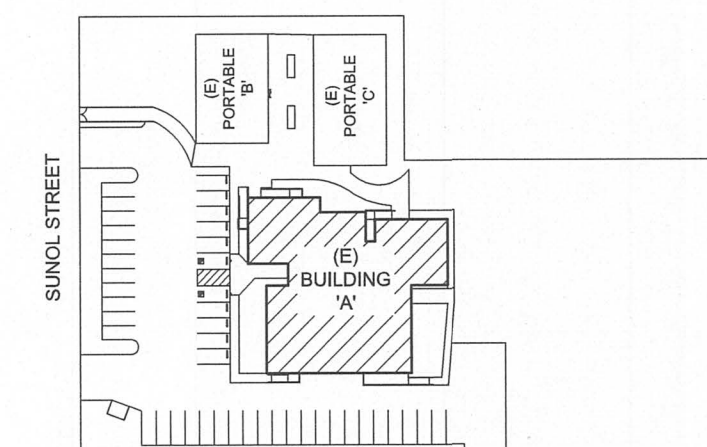
1475 South Bascom Ave., Suite 202
Campbell, CA 95008-0629
Tel. (408) 241-5494

BRIO JOB NO.: SCOE1708



Legend

Key Plan



Project Title

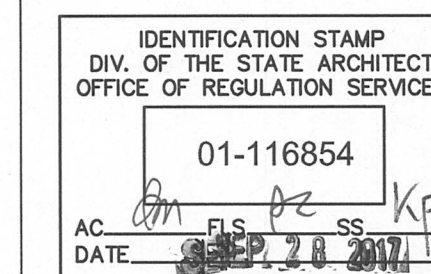
**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**
258 SUNOL STREET
SAN JOSE, CA 95126
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

**GRADING &
UTILITY PLAN**

Regulatory Agency Approval



Architect Seal



File Number

Application Number

Project No.
06307

Date
06/27/2017

Drawing No

C-1

NOTES:

- UNDERGROUND UTILITY LOCATIONS SHOWN HEREON WERE TAKEN FROM RECORD DATA. NO GUARANTEE IS MADE OR IMPLIED AS TO THE ACCURACY OF SUCH RECORD DATA. NO EXCAVATIONS WERE MADE TO CONFIRM LOCATIONS. CONTRACTORS SHALL CONTACT U.S.A. UNDERGROUND (1-800-227-2600) AND TO EXERCISE EXTREME CARE IN VERIFYING ALL LOCATIONS PRIOR TO COMMENCING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
- IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TRENCHING. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
- ALL FINISH GRADES SHOWN ARE TO TOP OF PAVEMENT NOT TOP OF CURB UNLESS NOTED OTHERWISE. TOP OF CURB ELEVATION IS 6" ABOVE TOP OF PAVEMENT UNLESS NOTED OTHERWISE.
- GRADING CONFORM LINE AND MATCH POINTS [EXAMPLE: (39.05±(E))] TO EXISTING CONDITIONS ARE BASED ON ESTIMATED ELEVATIONS FROM AERIAL AND TOPOGRAPHIC SURVEYS. CONTRACTOR SHALL VERIFY ELEVATIONS AT CONFORM AND MATCH POINTS BEFORE GRADING TO ENSURE PROPER DRAINAGE AND SLOPES.
- ALL CATCH BASINS SHALL BE CHRISTY V12 (12"x12") WITH TRAFFIC WEIGHT GRATES. WHEN PIPE SIZES ARE 10" OR GREATER USE CATCH BASIN CHRISTY U21 (24"x24"). UNLESS NOTED OTHERWISE. FOR CATCH BASINS IN WALKWAY AREAS, INCLUDING EXISTING CATCH BASINS, USE HEEL PROOF AND ADA GRATE BY GRATING PACIFIC (800) 491-7999 OR APPROVED ALTERNATE.
- PRIOR TO CONNECTING TO EXISTING UTILITIES OR INSTALLING UPSTREAM UTILITIES, VERIFY LOCATION, SIZE, INVERT OR DEPTH AT POINT OF CONNECTION.
- UTILITY ABANDONMENT/REMOVAL: DISCONNECT AND CAP PIPES AND SERVICES TO REMAIN. REMOVE ALL PORTIONS OF ALL UTILITIES WITHIN NEW BUILDING FOOTPRINT AND DISPOSE OF OFF-SITE. OTHERWISE ABANDON IN PLACE U.N.O.

KEY NOTES:

- INSTALL 36" WIDE BAND OF DETECTABLE WARNING TRUNCATED DOMES PER MFR'S. SPECS. USE YELLOW TRUNCATED DOMES PART NO. 3660DRET2 BY ADA SOLUTIONS (800.372.0519) MEETING CBC SECTION 11B-705 OR APPROVED ALTERNATE. FINISH TO MATCH S/W.

NOTES (CONT'D):

- NOTIFY THE ENGINEER IMMEDIATELY OF ANY UTILITIES ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS. PRESERVE AND REPAIR ANY UTILITIES THAT ARE DAMAGED AND THAT ARE TO REMAIN.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CROSSINGS OF NEW UTILITIES WITH EACH OTHER, AND WITH EXISTING UTILITIES. VERIFY EXISTING PIPE LOCATION AND INVERT PRIOR TO INSTALLING NEW UTILITIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR DEVIATIONS. INSTALL GRAVITY UTILITIES BEFORE WATER & DRY UTILITIES TO ENSURE NO CONFLICTS.
- SAWCUT, REMOVE, & REPLACE EXISTING PAVEMENT, CURBS, SIDEWALKS, & LANDSCAPING TO MATCH (E) AS NECESSARY TO INSTALL NEW UTILITIES AS SHOWN. FOR REPLACING CONCRETE PAVEMENT, USE 18" LONG, #4 DOWELS @ 12" O.C. ON THE CENTER OF THE (N) CONCRETE SECTION AND EMBED A MINIMUM OF 6" INTO (E) CONCRETE WITH EPOXY.
- ADJUST ALL (E) UTILITY VALVES, BOX, ETC. INCLUDING NOT SHOWN TO FINISHED GRADE (TYP.)
- CONTRACTOR IS RESPONSIBLE FOR PRESERVING & PROTECTING ALL SURVEY CONTROL POINTS. A LICENSED LAND SURVEYOR SHALL REPAIR AND OR REPLACE ANY SURVEY CONTROL POINTS THAT ARE DISPLACED OR DAMAGED.
- FIELD VERIFY EXTENT OF (E) IRRIGATION. MAINTAIN EXISTING ACTIVE SYSTEM TO REMAIN.
PORTIONS REMOVED:
A. NON-PRESSURE LINES: CUT & CAP AT LIMIT OF WORK
B. PRESSURIZED MAIN LINES: CUT, CAP & STUB OUT WITH SCH 80 PVC BALL VALVE IN CONC. BOX AT LIMIT OF WORK.
C. PLACE STUB OUTS & BOXES IN ADJACENT EXISTING AREA TO REMAIN & REPAIR IN KIND
- PROTECT (E) IRRIGATION & PLANTING IN PLACE, REPAIR AS REQUIRED IN-KIND DUE TO CONSTRUCTION DAMAGE. COORDINATE W/ ARCHITECT.

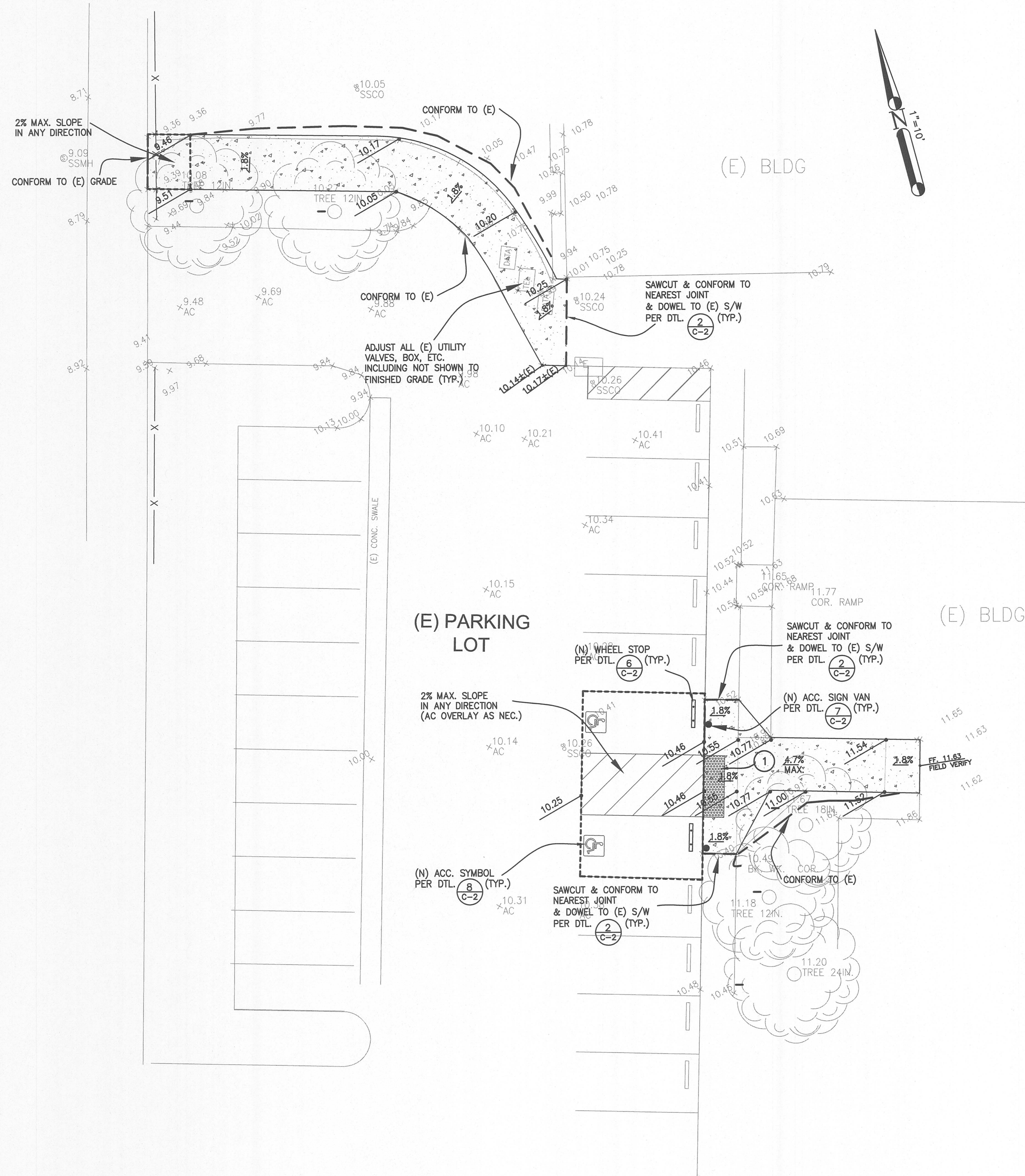
PAVING LEGEND

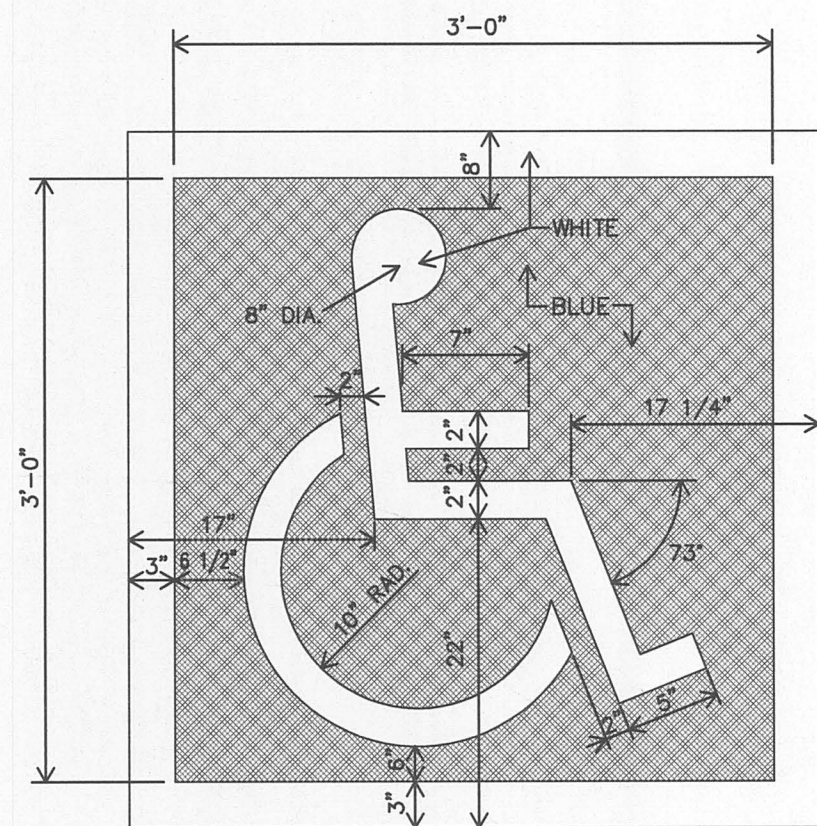
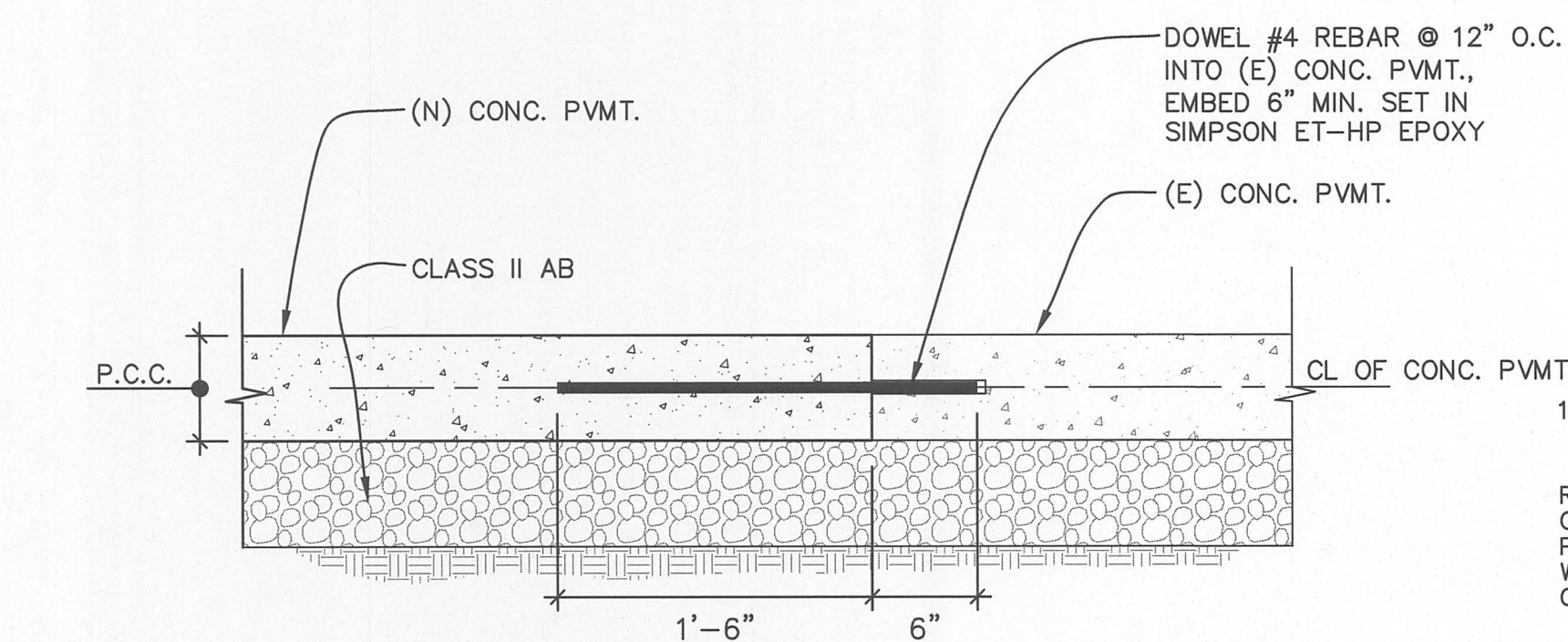
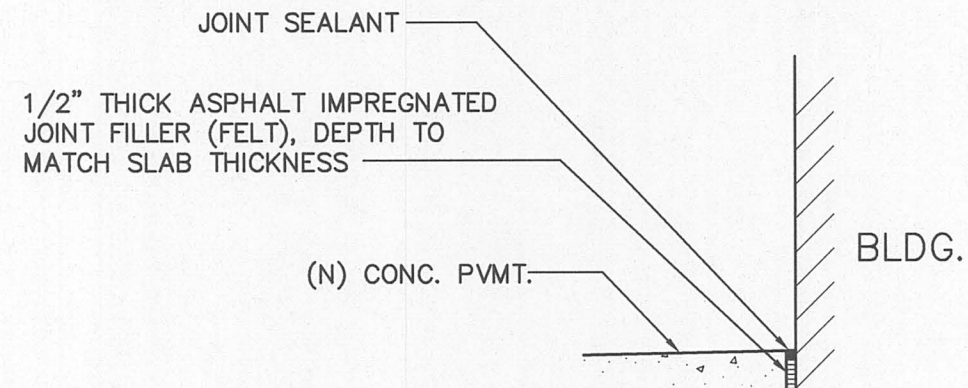
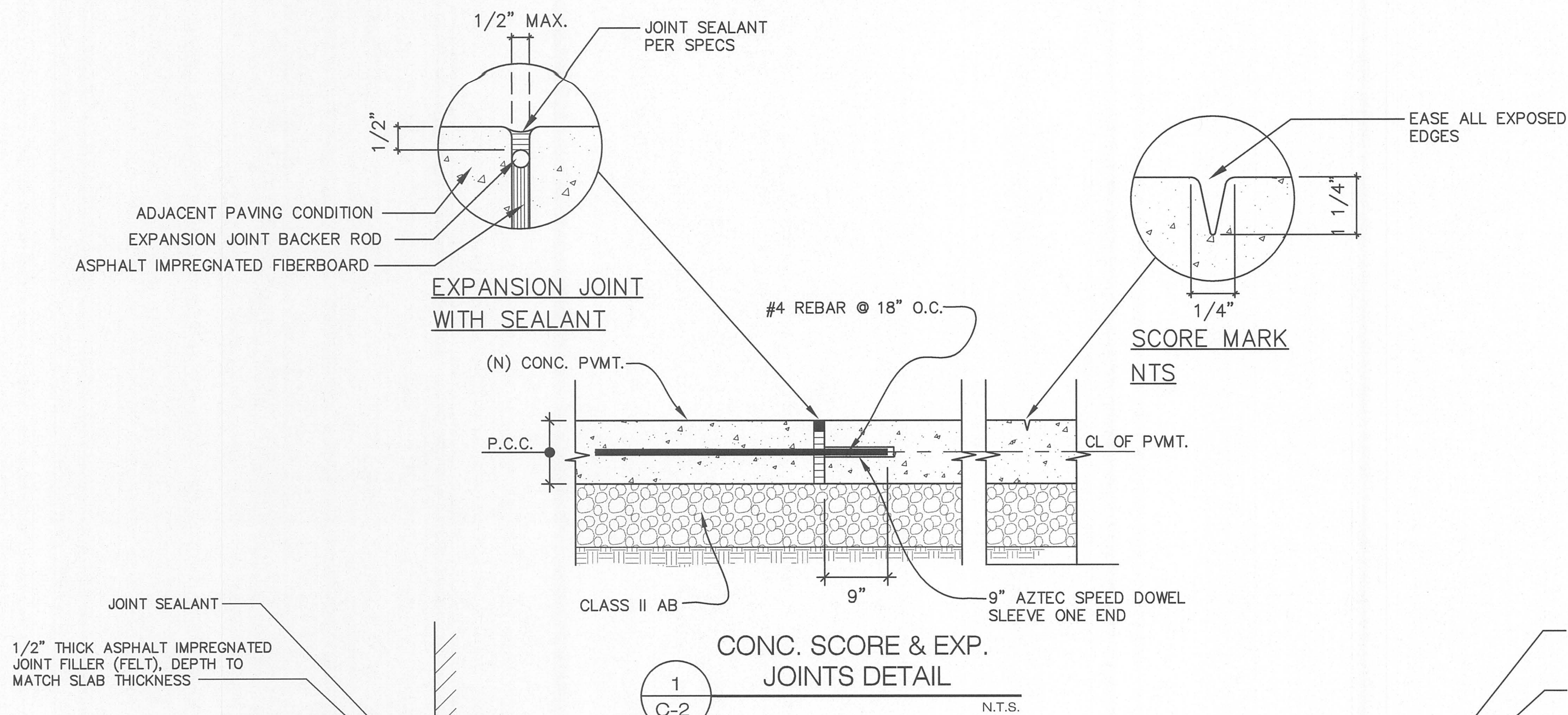
NEW CONCRETE PAVING SECTION 4" CONC. W/ #4 @ 18" O.C.E.W. OVER 6" CL. II A.B., EXPANSION JOINTS @ 24' O.C. AND SCORED @ 4" O.C. SEE DTL. 4/C-2 WHERE (N) CONC. MEETS LANDSCAPE, (N) THICKENED EDGE CONC. PER DTL. 3/C-2 (TYP.)
SEE DTL. 5/C-2 WHERE (N) CONC. MEETS BUILDING FACE (TYP.)
SEE DTL. 2/C-2 WHERE (N) CONC. MEETS (E) CONC. (TYP.)

LEGEND

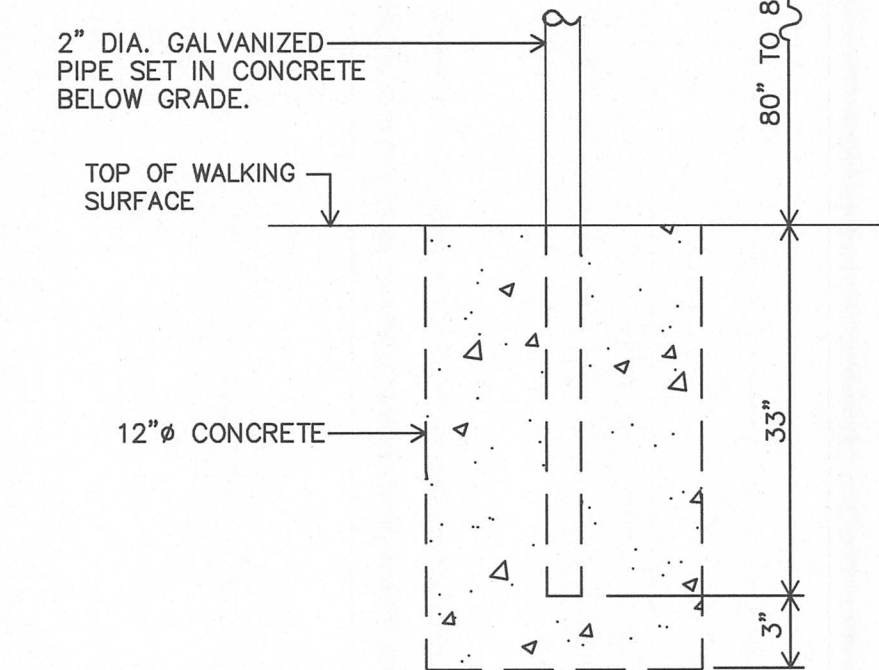
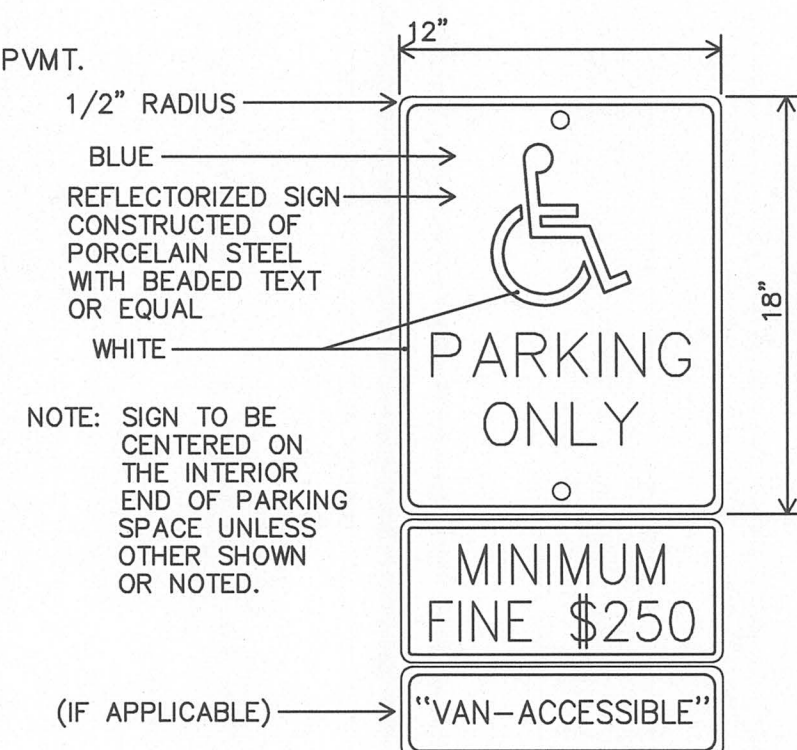
EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE
---	---	CONCRETE CURB
---	---	CONCRETE CURB & GUTTER
---	---	SAWCUT/CONFORM LINE
---	---	HEADER BOARD
---	---	TRAFFIC MARKINGS
---	---	SIGN
---	---	ACCESSIBLE RAMP
---	---	FIRE HYDRANT
---	---	EDGE OF PAVEMENT
---	---	FENCE
---	---	STORM DRAIN & SIZE
---	---	GRADE BREAK
---	---	CONTOUR LINE
---	---	CLEAN OUT TO GRADE
---	---	CATCH BASIN
---	---	AREA DRAIN
---	---	DRAINAGE ARROW
---	---	BACK FLOW PREVENTOR
---	---	TELEPHONE BOX
---	---	UNKNOWN UTILITY BOX
---	---	POWER (ELECTRICAL) BOX
---	---	WATER METER
---	---	WATER BOX
---	---	VALLEY GUTTER
---	---	SPOT ELEVATION
---	---	TREE W/SIZE

SUNOL ST.



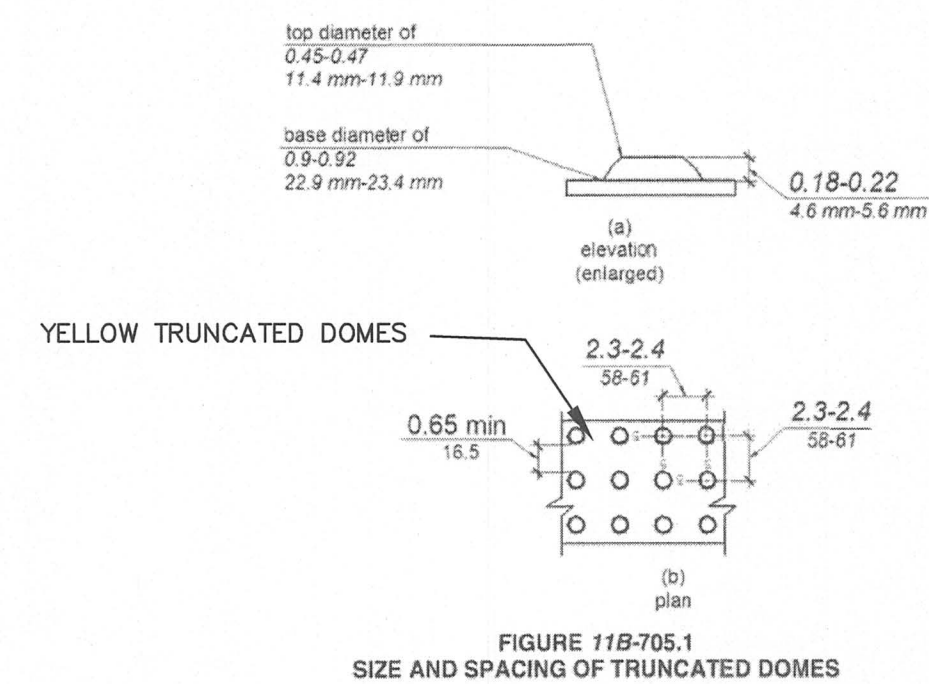
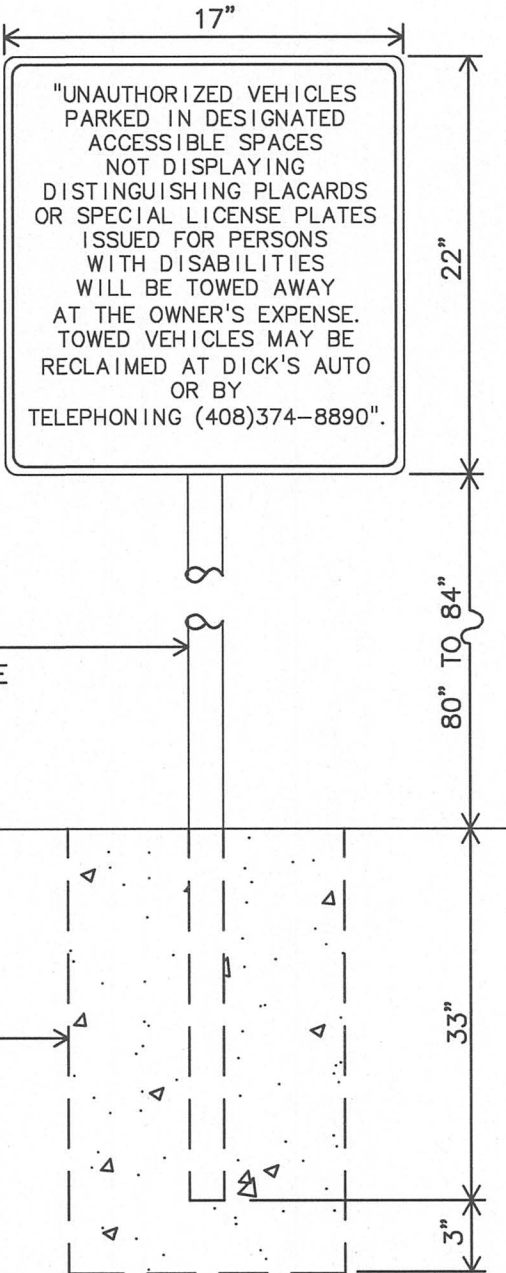


ACCESSIBLE SYMBOL
DETAIL

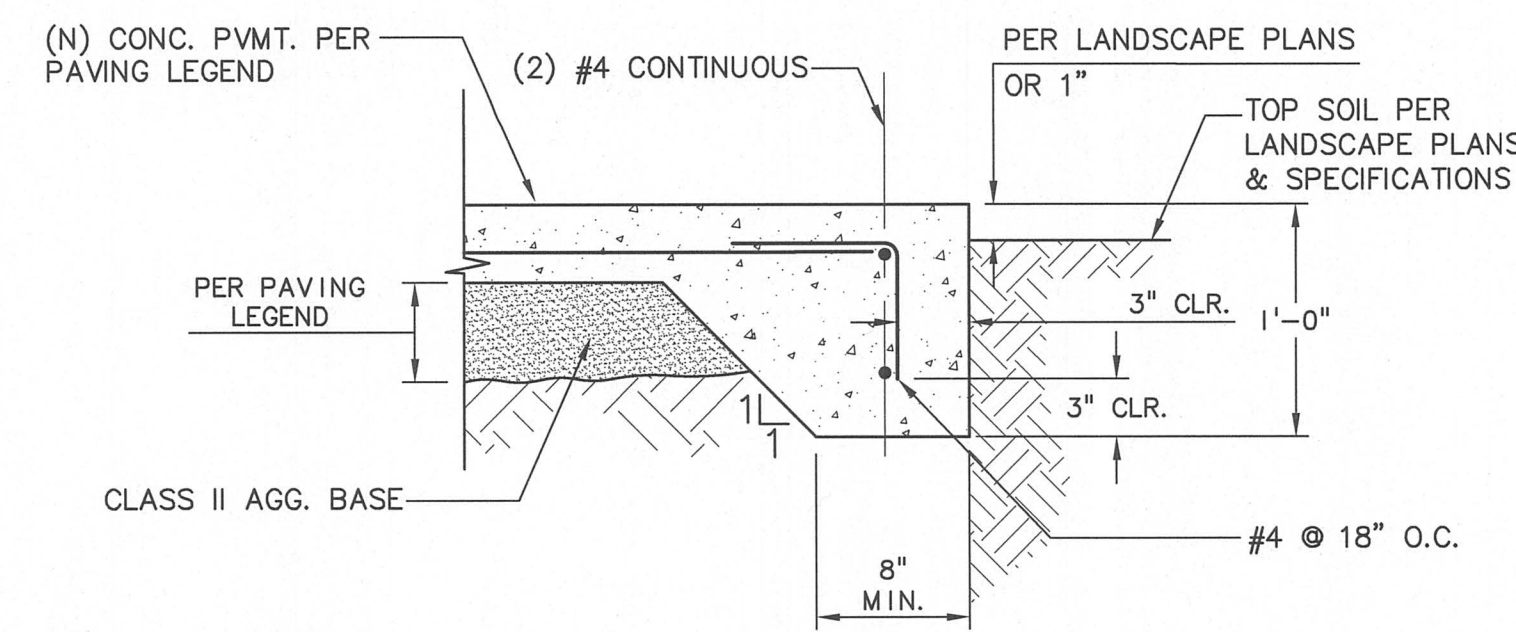


ACCESSIBLE PARKING SIGN

ACCESSIBLE PARKING SIGN
DETAIL

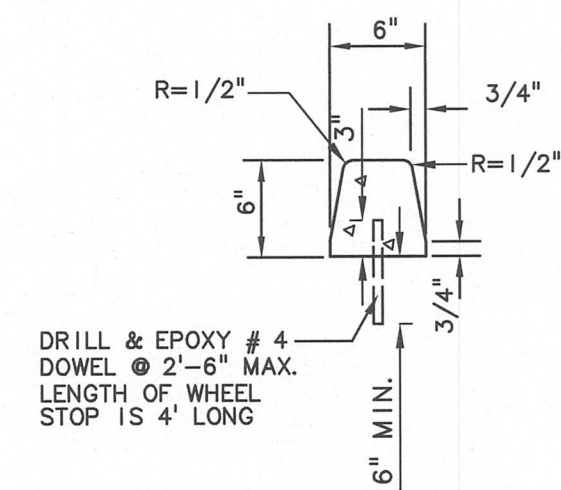


TRUNCATED DOMES
DETAIL

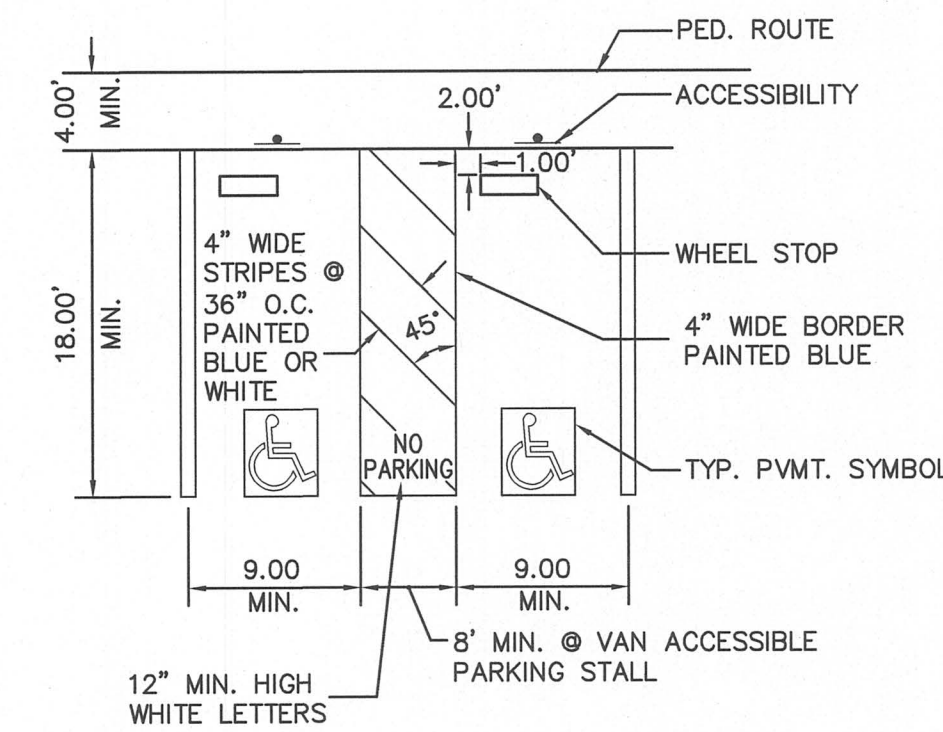


SIDEWALK WITH THICKENED
EDGE DETAIL

- NOTES:
1. CONCRETE TO HAVE MINIMUM STRENGTH OF 3000 PSI AFTER 28 DAYS.



TYPICAL WHEEL STOP
DETAIL



DOUBLE ACCESSIBLE PARKING
DETAIL

ARTiK
ART & ARCHITECTURE

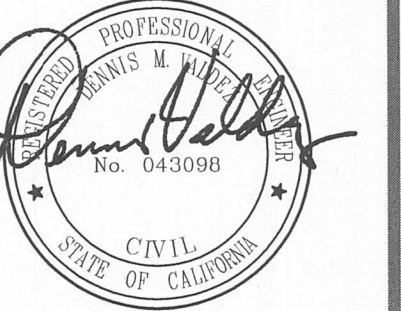
394-A Umbarger Rd
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Consultant Seal

BRIC Engineering
ASSOCIATES, INC.

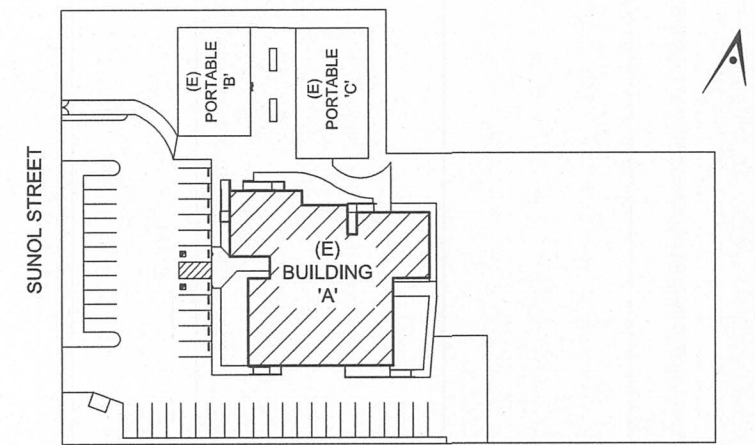
1475 South Bascom Ave., Suite 202
Campbell, CA 95008-0629
Tel. (408) 241-5494

BRIO JOB NO.: SCOE1708



Legend

Key Plan



Project Title

**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**

258 SUNOL STREET
SAN JOSE, CA 95126

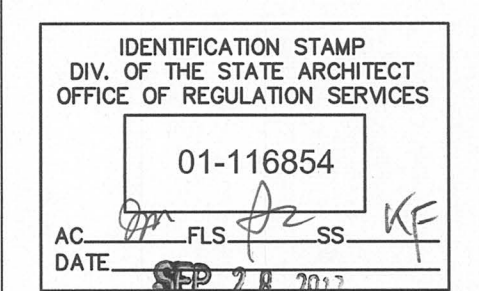
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
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2	DSA BACKCHECK SUBMITTAL	09/28/2017

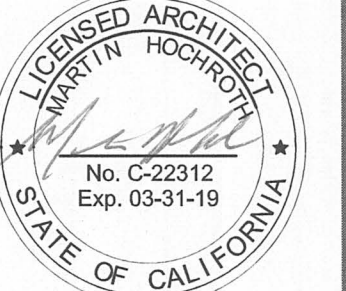
Drawing Title

**SECTIONS &
DETAILS**

Regulatory Agency Approval



Architect Seal



File Number

Application Number

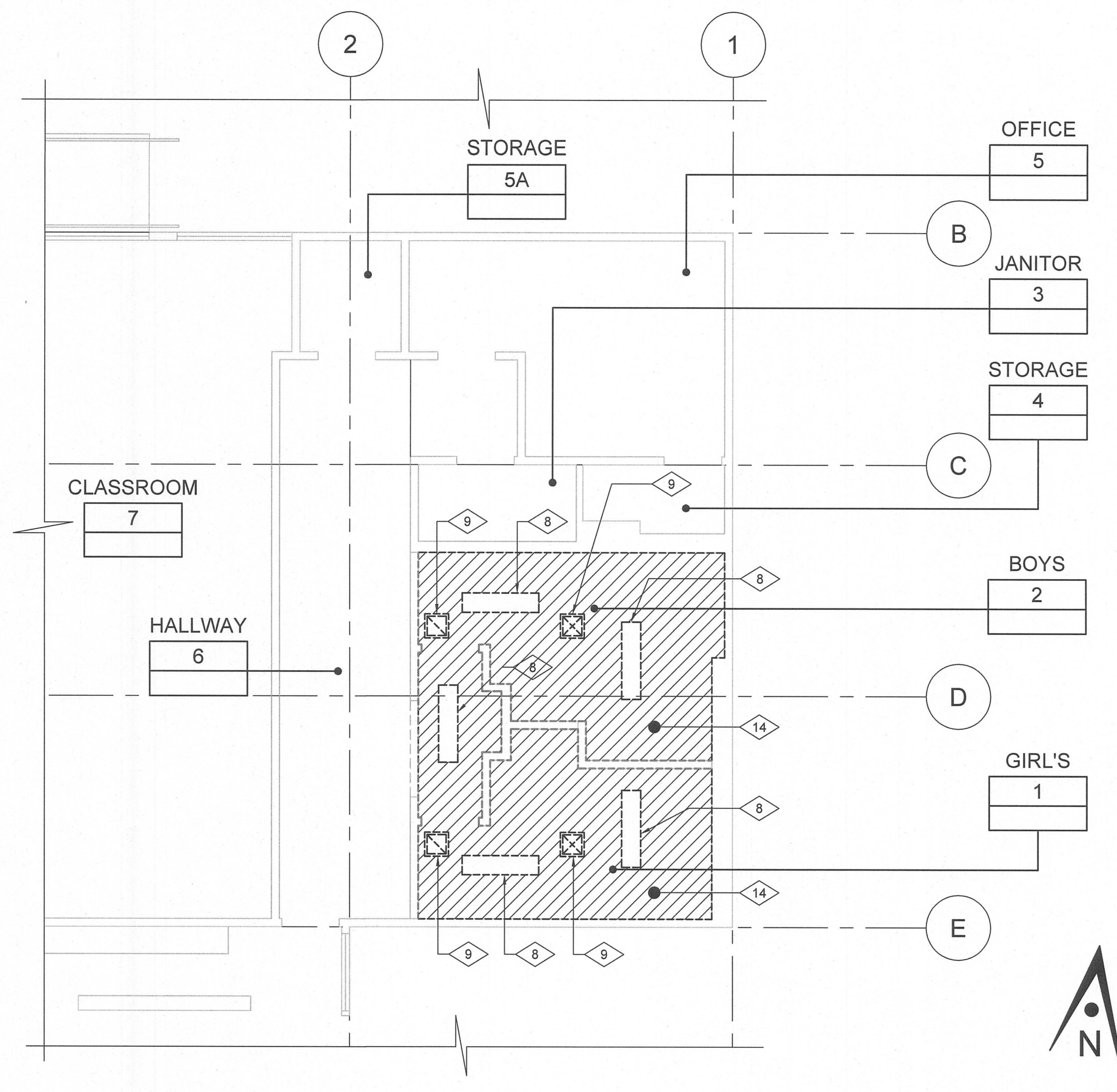
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Date

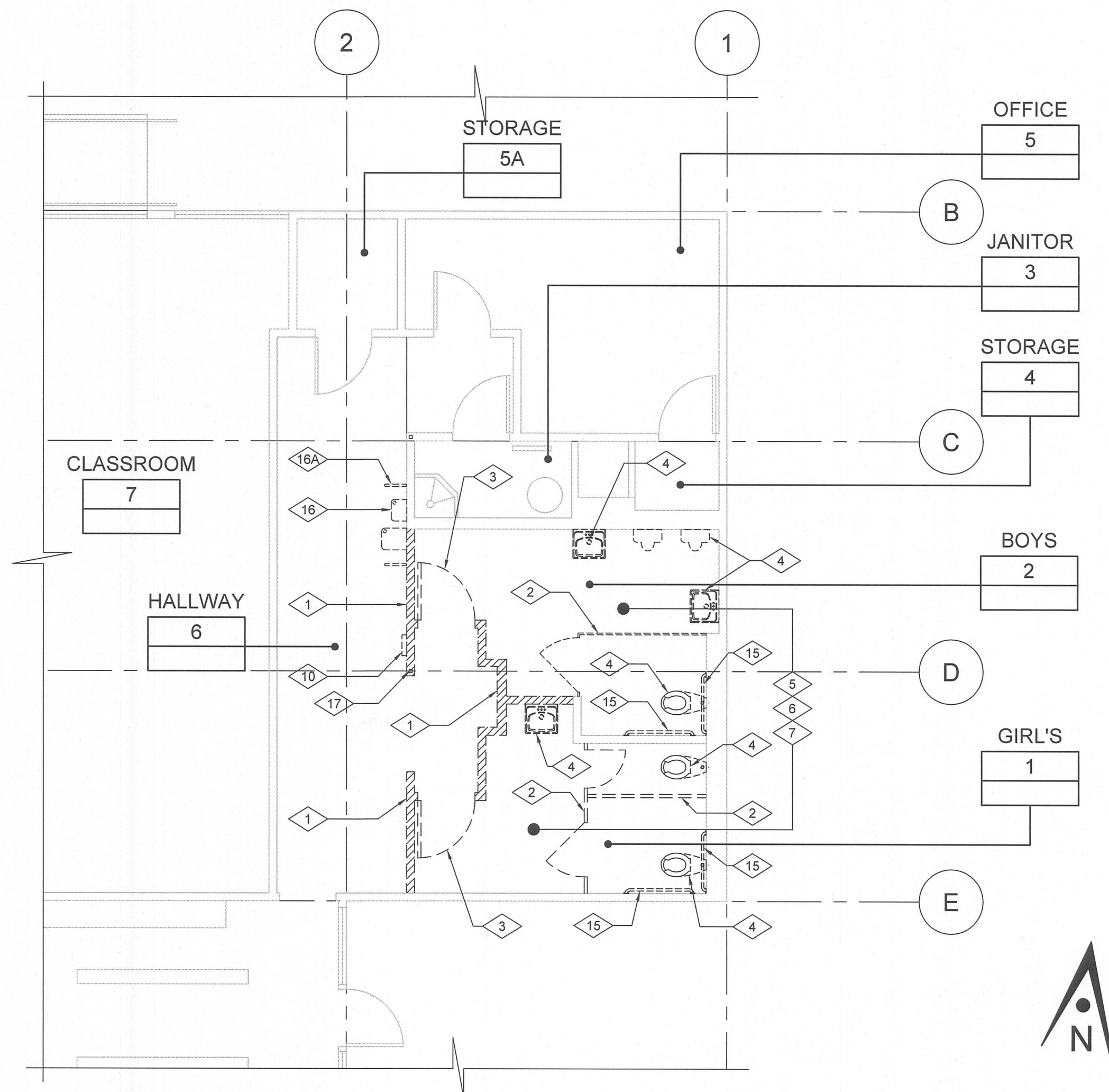
06/27/2017

Drawing No

C-2



02 DEMOLITION REFLECTED CEILING PLAN 3/16"=1'-0"



01 DEMOLITION BUILDING 'A' RESTROOM FLOOR PLAN 3/16"=1'-0"

GENERAL NOTES

- DEMOLITION PLAN IS DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION EVEN IF NOT SPECIFICALLY INDICATED ON THE DEMOLITION DRAWINGS.
- CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER DISCIPLINES.
- REFER TO PLUMBING, ELECTRICAL, FOR SPECIFIC DEMOLITION SCOPE.
- CONTRACTOR TO COORDINATE ALL SAW CUT IN CONCRETE SLAB AS REQUIRED FOR NEW WORK.
- ALL MATERIAL INDICATED TO BE REMOVED IS TO BE DISPOSED OFF IN A LEGAL MANNER. CONTRACTOR TO CONFIRM WITH OWNER FOR EQUIPMENT TO BE SALVAGED OR STORED.
- CONTRACTOR SHALL PROTECT PORTIONS OF EXISTING CONSTRUCTION NOT INDICATED TO BE DEMOLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT AND REPAIR OF ITEMS TO REMAIN.
- PARTIAL DEMOLITION TO INCLUDE TRIMMING AND CAPPING SYSTEMS THAT ARE TO REMAIN OPERABLE.
- REMOVE (E) CEILING AND WALL FINISHES AS REQUIRED FOR NEW WORK. PATCH/REPAIR CEILING AND WALL SURFACE TO MATCH ADJACENT FINISH DUE TO MECHANICAL, PLUMBING AND ELECTRICAL WORK.
- DISCONNECT (E) PLUMBING FIXTURES TO BE REMOVED AND CAP (E) CONNECTIONS. WHERE (E) CONNECTIONS ARE TO BE ABANDONED, CAP SHOULD NOT BE VISIBLE ON OR ABOVE FINISHED SURFACE.
- CONTRACTOR SHALL COORDINATE EXTENT OF DEMOLITION FOR INSTALLATION OF BLOCKING AS NECESSARY FOR ALL DISCIPLINES, AS WELL AS RELOCATION OF ANY EXISTING POWER AND DATA OUTLETS.
- PROVIDE FRAMING, SUPPORTS, BACKING/ BLOCKING REQUIRED FOR INSTALLATION OF ALL RECESSED/ WALL MOUNTED ITEMS AND CONCEALED (IN-WALL) UTILITIES.
- PATCH AND REFINISH PORTIONS OF WALLS REMOVED/REVEALED DUE TO DEMOLITION. REFER TO DEMOLITION FLOOR PLAN, FINISH PLANS, AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- REMOVE EVERYTHING ASSOCIATED WITH DOORS DEMOLITION AS THRESHOLDS & DOOR HARDWARE.
- CONTRACTOR TO VERIFY THE EXACT LOCATION AND CONDITIONS OF THE EXISTING WASTE PIPING CONNECTIONS ON WALLS TO BE REUSED FOR THE INSTALLATION OF NEW WALL MOUNTED PLUMBING FIXTURES. IF CONCRETE FLOOR NEED TO BE DEMO IN ORDER TO CONNECT WASTE LINES THE CONTRACTOR SHOULD REFER TO PLUMBING DRAWINGS FOR ALL DRAINS, PIPING CONCRETE SAW CUTTING & TRENCHING.
- ALL DEMOLITION TO BE DONE PER DISTRICT ABATEMENT REPORT.

ARTiK
ART & ARCHITECTURE

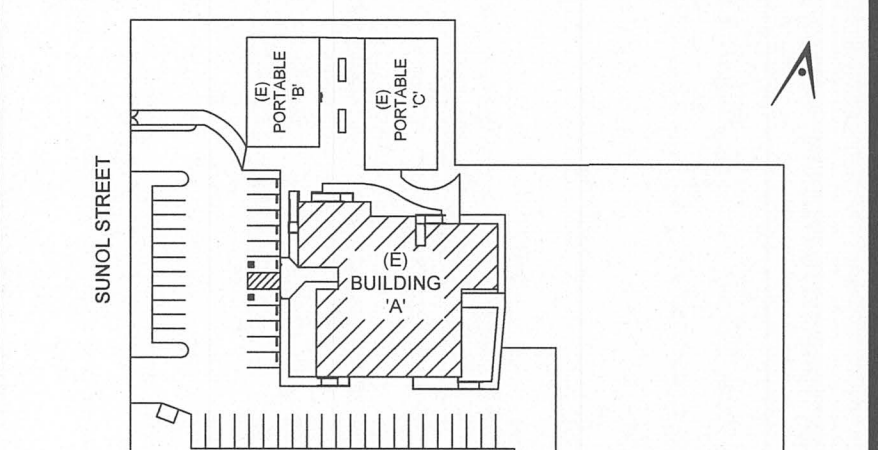
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
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Consultant Seal

Legend

- (E) WALL STUDS TO REMAIN, REMOVE (E) FRP & GYPSUM BOARD FINISHES
- DEMO (E) WALL
- DEMO (E) DOOR
- ITEMS TO BE REMOVED
- AREA OF DEMOLITION

Key Plan



Project Title

**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**

258 SUNOL STREET
SAN JOSE, CA 95126

**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

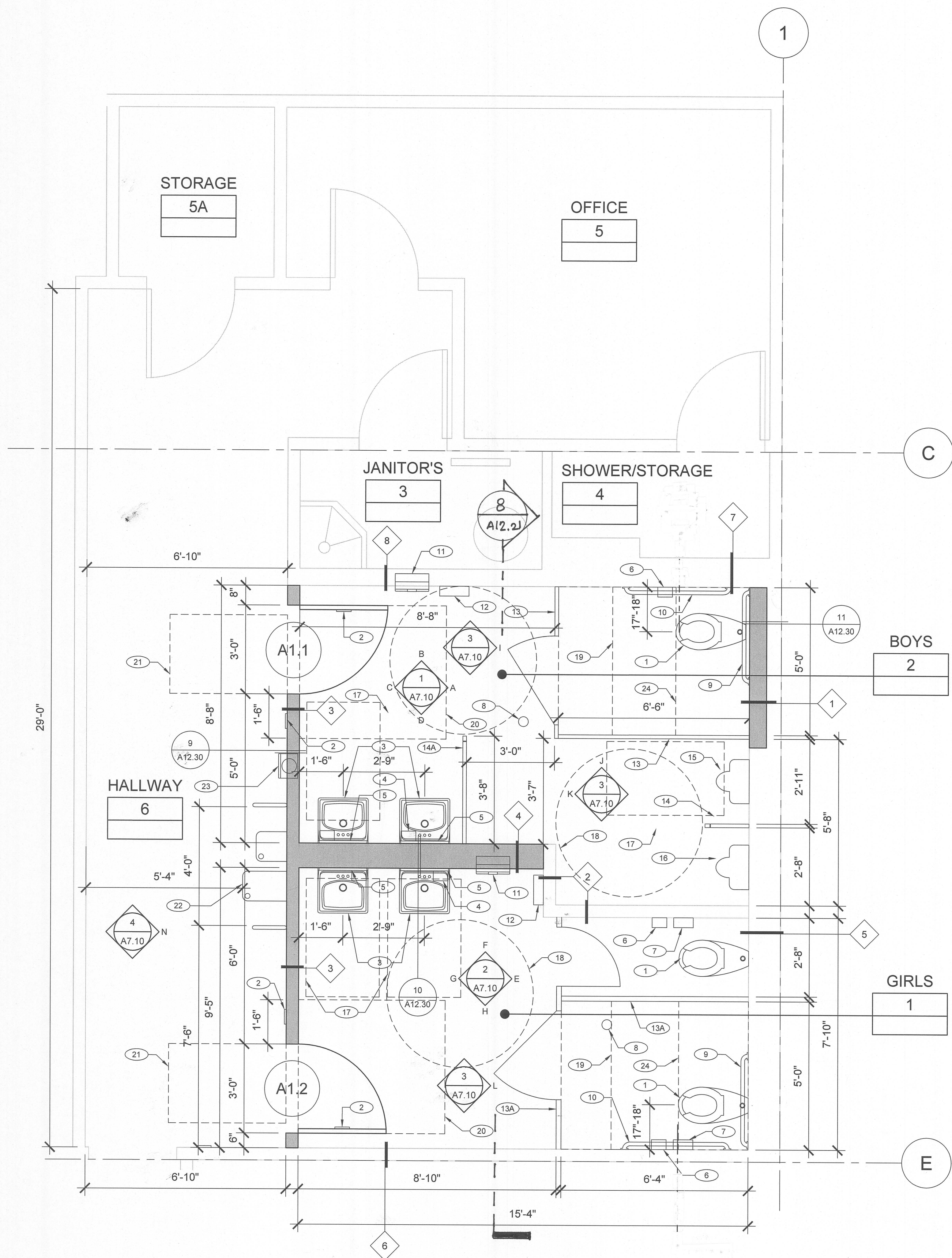
No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

DEMOLITION PLANS

Regulatory Agency Approval	Architect Seal
<p>IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES</p> <p>01-116854</p> <p>AC: [Signature] FLS: [Signature] SS: [Signature] KE: [Signature]</p> <p>DATE: SEP 28 2017</p>	<p>LICENSED ARCHITECT MARTIN HOCHSTETTER</p> <p>No. C-22312 Exp. 03-31-19</p> <p>STATE OF CALIFORNIA</p>

File Number	Drawing No
Application Number	A2.10
Project No.	
Date	



GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER DISCIPLINES.
2. CONTRACTOR TO REVIEW AS BUILT DRAWINGS FOR REFERENCE.
3. REFER TO INTERIOR ELEVATIONS, REFLECTED CEILING PLAN, FINISH FLOOR PLAN, SCHEDULES AND DETAILS FOR ADDITIONAL INFORMATION.
4. REFER TO DOOR SCHEDULE ON SHEET A10.10 AND SPECIFICATIONS FOR DOOR HARDWARE AND WINDOW SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
5. PROVIDE FRAMING, SUPPORTS, BACKING/ BLOCKING REQUIRED FOR INSTALLATION OF ALL RECESSED/ WALL MOUNTED ITEMS AND CONCEALED (IN-WALL) UTILITIES.
6. ALL SIGNAGE MUST BE FIELD INSPECTED PER 2016 CBC 11B-703.1.1
7. PAINT ALL NEW AND EXISTING RESTROOMS SURFACES INCLUDING, BUT NOT LIMITED TO, WALLS DOORS AND TRIMS.
8. PROVIDE ACCESS DOORS IN HARDID AREAS AND WHERE NEEDED PER CBC CODE AND SPECIFICATIONS. GC SHALL COORDINATE WITH MECHANICAL & PLUMBING DRAWINGS. EXACT LOCATION TO BE COORDINATED WITH ARCHITECT.
9. PROVIDE SOUND ATTENUATION BATT INSULATION IN CEILING AND WALLS
10. NO EXPOSED CONDUITS ARE ALLOWED. ALL CONDUITS MUST BE INSIDE STUD WALLS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
11. TRENCHING IN SLAB IS REQUIRED TO ACCOMMODATE NEW PLUMBING FIXTURES. REFER TO FLOOR PLAN.

KEYNOTES

- 01 ACCESSIBLE WALL MOUNT WATER CLOSET W/ FLUSHOMETER AND 60"X56" CLEAR SPACE. SEE PLUMBING DWGS.
- 02 RESTROOM DOOR SIGN. SEE DETAIL 3/A12.20
- 03 ACCESSIBLE LAVATORY W/ 30"X48" CLEAR SPACE. SEE DET. 2/A12.20, REFER TO PLUMBING DWGS.
- 04 SOAP DISPENSER
- 05 18"X36" MIRROR MOUNTED ABOVE LAVATORY MOUNT BOTTOM OF REFLECTIVE SURFACE 40" MAX. A.F.F.
- 06 SURFACE MOUNT TOILET PAPER DISPENSER.
- 07 SURFACE MOUNT SANITARY DISPOSAL
- 08 EXISTING FLOOR DRAIN. SEE PLUMBING DWGS.
- 09 36" GRAB BAR, MAINTAIN 1-1/2" CLEAR BELOW GRAB BAR.
- 10 42" GRAB BAR, MAINTAIN 1-1/2" CLEAR BELOW GRAB BAR.
- 11 COMBINATION SEMI-RECESSED WASTE AND PAPER TOWEL DISPENSER
- 12 ELECTRIC HAND DRYER, 4" MAX. PROJECTION
- 13 TOILET COMPARTMENTS (PARTITIONS) SEE ELEVATIONS: I, J & K AT 3/A7.10 PROVIDE 12" CLEAR BELOW PARTITIONS PER CBC 11B-604.8.1.4.
- 13A TOILET COMPARTMENTS (PARTITIONS) SEE ELEVATIONS: L & M AT 3/A7.10 PROVIDE 12" CLEAR BELOW PARTITIONS PER CBC 11B-604.8.1.4.
- 14 URINAL PARTITION
- 14A SCREEN PARTITION
- 15 WALL MOUNTED URINAL WITH FLUSHOMETER
- 16 ACCESSIBLE WALL MOUNT URINAL W/ FLUSHOMETER AND 30" X 48" CLEAR SPACE. SEE PLUMBING DWGS.
- 17 30" X 48" CLEAR SPACE
- 18 5'-0" CLEAR SPACE
- 19 60" X 56" CLEAR SPACE
- 20 60" X 54" CLEAR SPACE
- 21 48" X 32" CLEAR SPACE
- 22 RELOCATED ACCESSIBLE DRINKING FOUNTAIN SEE 6/ A12.21
- 23 RECESSED WALL MOUNTED FIRE EXTINGUISHER, 2A:10B:C, & CABINET WITH VALID CERTIFICATION TAG ATTACHED.
- 24 48" X 60" CLEAR

ARTiK
ART & ARCHITECTURE

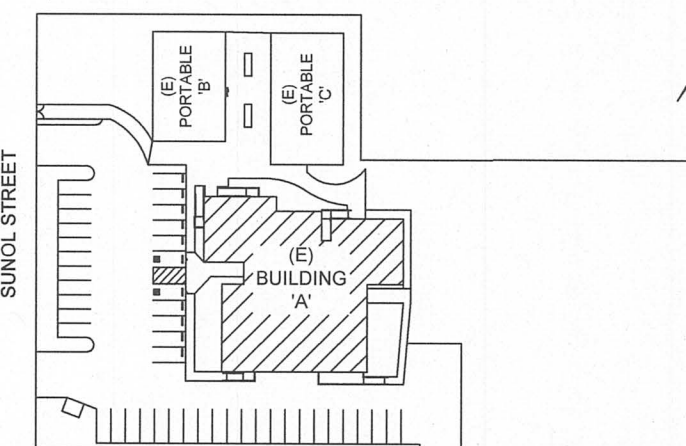
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
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Consultant Seal

Legend

- (E) WALLS TO REMAIN
- 2X WALL
- 101.1 DOOR TYPE, REFER TO SHEET A10.10
- A WALL TYPE, REFER TO SHEET A12.30

Key Plan



Project Title

**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**

258 SUNOL STREET
SAN JOSE, CA 95126

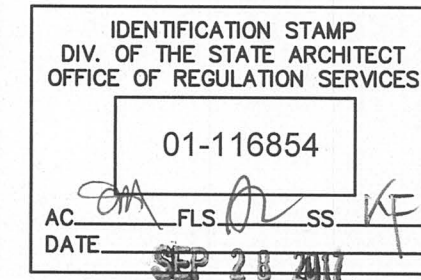
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

**ENLARGED
RESTROOMS PLAN**

Regulatory Agency Approval



Architect Seal



File Number

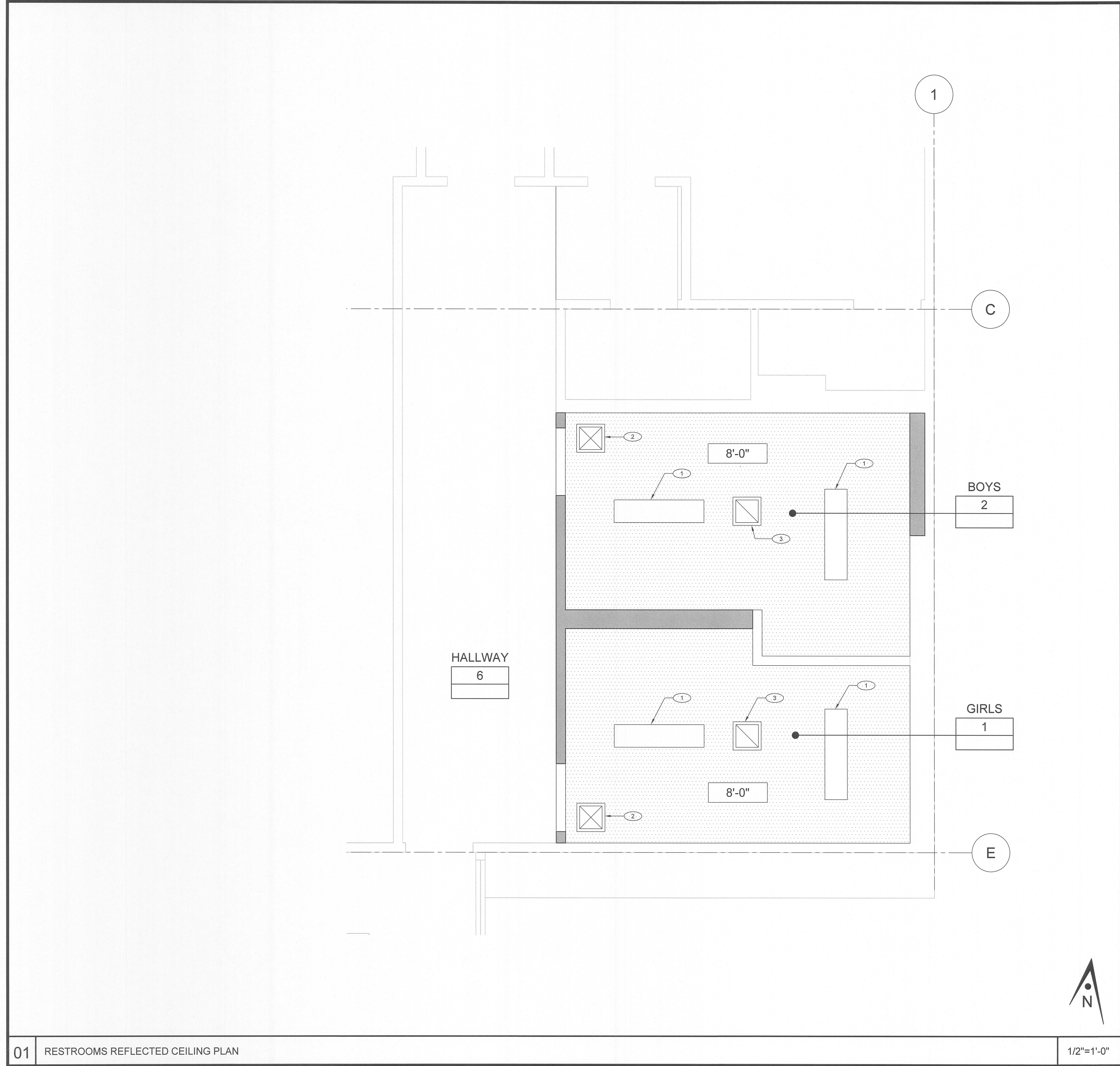
Application Number

Project No.
06307

Date
06/27/2017

Drawing No

A3.10



- GENERAL NOTES
1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK IN REFERENCE TO DRAWINGS AND SPECIFICATIONS FROM ALL DISCIPLINES.
 2. REFER TO FLOOR PLAN AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
 3. VERIFY ALL CEILING HEIGHTS WITH CEILING DETAILS.
 4. LOCATIONS OF MECHANICAL, ELECTRICAL, AND SECURITY ITEMS SHOWN ON REFLECTED CEILING PLANS ARE FOR ARCHITECTURAL COORDINATION. NOT ALL ITEMS MAY BE SHOWN. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR THE LOCATION OF ALL ITEMS.
 5. CO-ORDINATE THE LAYOUT OF CEILING FRAMING TO ACCOMMODATE THE LOCATIONS, AS SHOWN, OF THE MECHANICAL, ELECTRICAL AND SECURITY ITEMS EXPOSED TO VIEW. INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, AIR DIFFUSERS AND RETURNS, SPEAKERS, SMOKE DETECTORS, ETC.

- KEYNOTES
- 1 CLNG. MOUNTED FIXTURE, SEE ELECTRICAL DWGS.
 - 2 HVAC SUPPLY GRILLE, SEE MECHANICAL DWGS.
 - 3 HVAC RETURN GRILLE, SEE MECHANICAL DWGS.

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Legend

- 5/8" TYPE 'X' GYPSUM BOARD CEILING. SEE DETAIL 3/A12.40 & STRUCTURAL DRAWINGS
- 0'-0" CEILING HEIGHT

Key Plan

Project Title

SUNOL COMMUNITY SCHOOL
RESTROOMS UPGRADE
258 SUNOL STREET
SAN JOSE, CA 95126
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

ENLARGED RESTROOMS RCP

Regulatory Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
01-116854
AC: [Signature] FL: [Signature] SS: [Signature] KE: [Signature]
DATE: SEP 21 2017

Architect Seal

LICENSED ARCHITECT
MARTIN HOGROTH
No. C-22312
Exp. 03-31-19
STATE OF CALIFORNIA

File Number

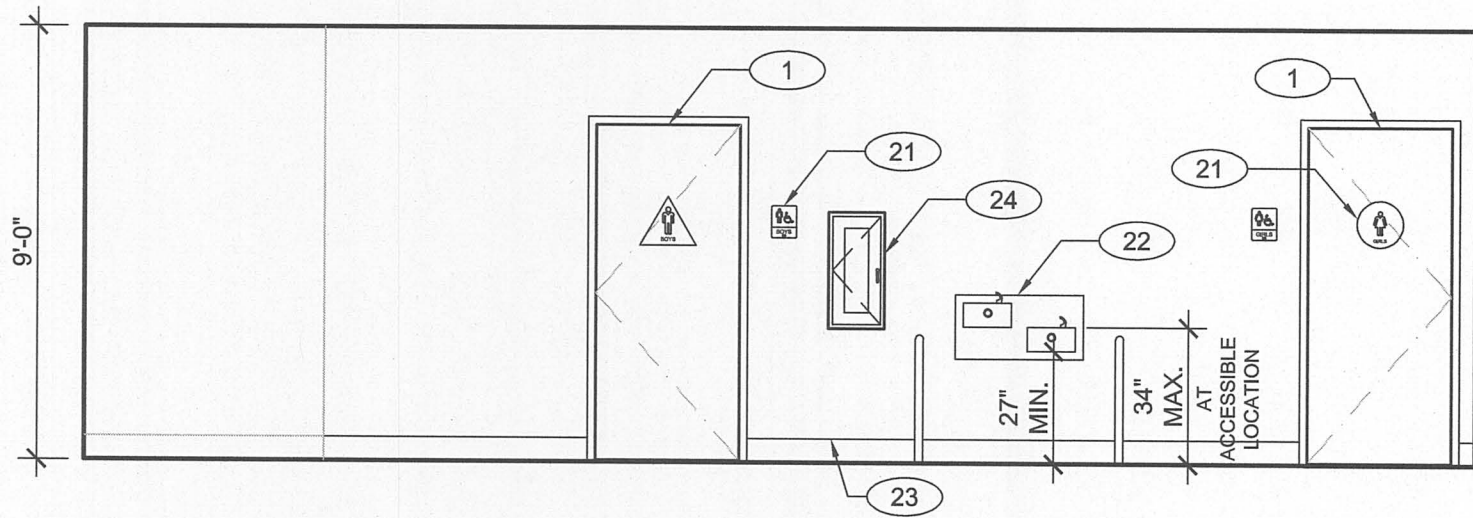
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Project No.
06307

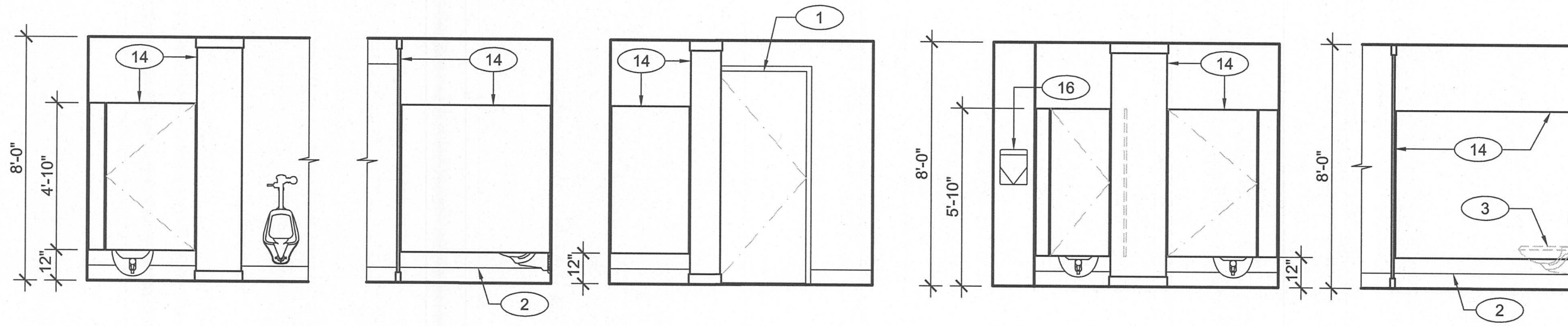
Date
06/27/2017

Drawing No

A3.20



N



I

J

K

L

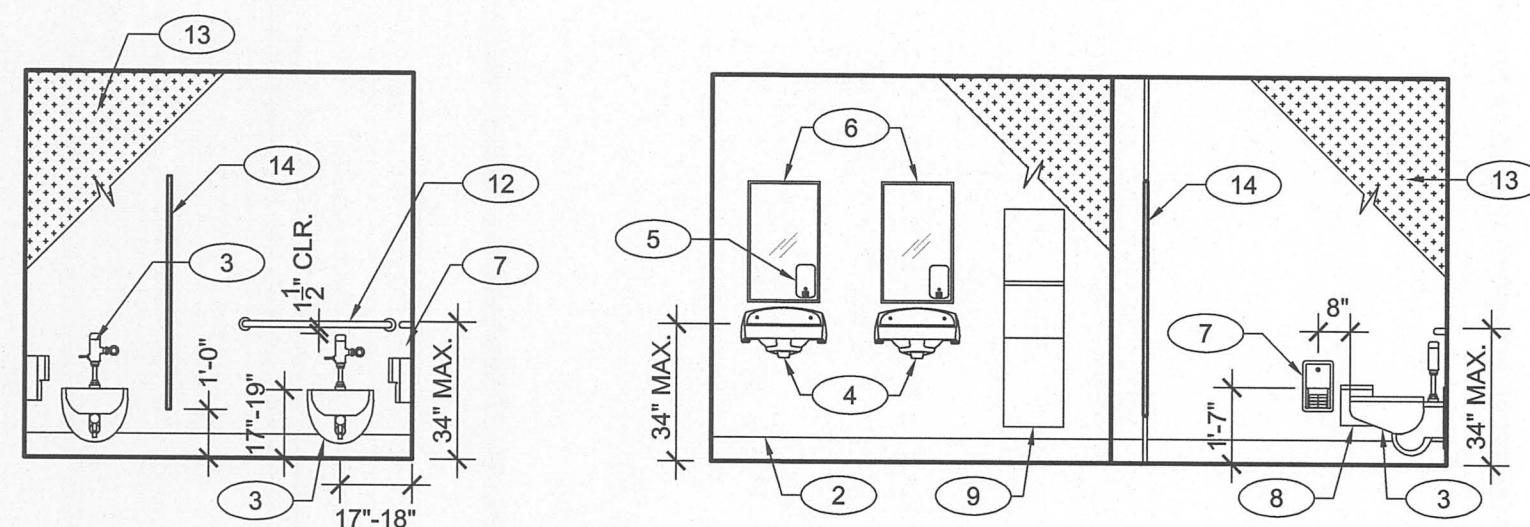
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04 HALLWAY INTERIOR ELEVATION

1/4"=1'-0"

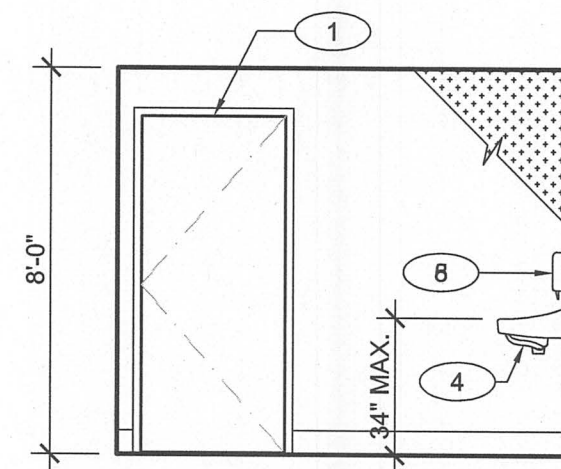
03 RESTROOM PARTITION ELEVATIONS

1/4"=1'-0"

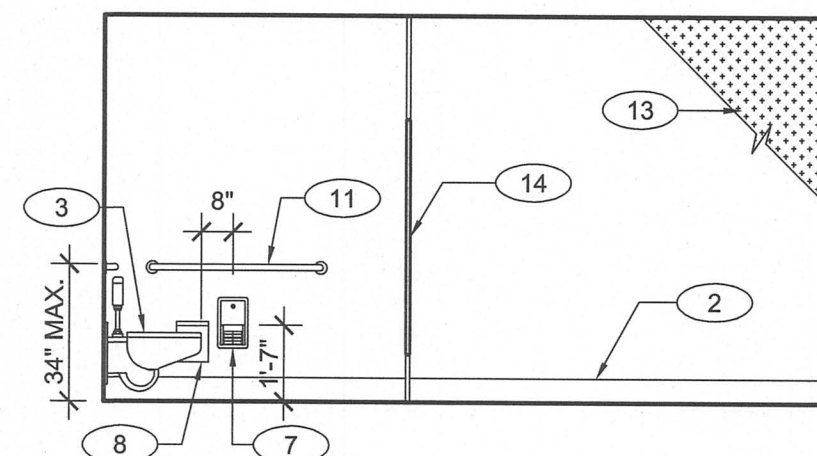


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F



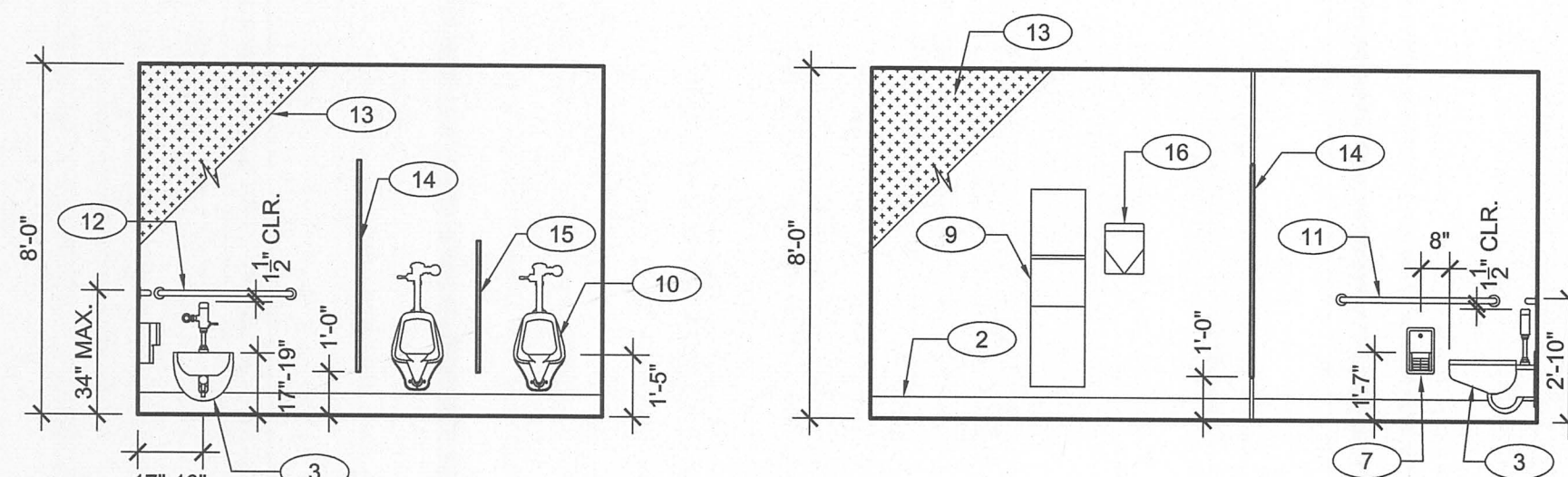
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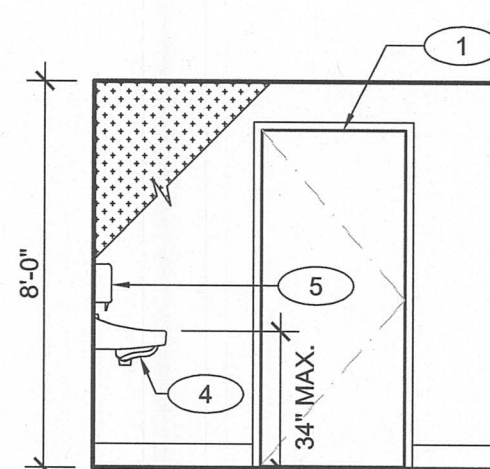
02 GIRLS RESTROOMS INTERIOR ELEVATIONS

1/4"=1'-0"

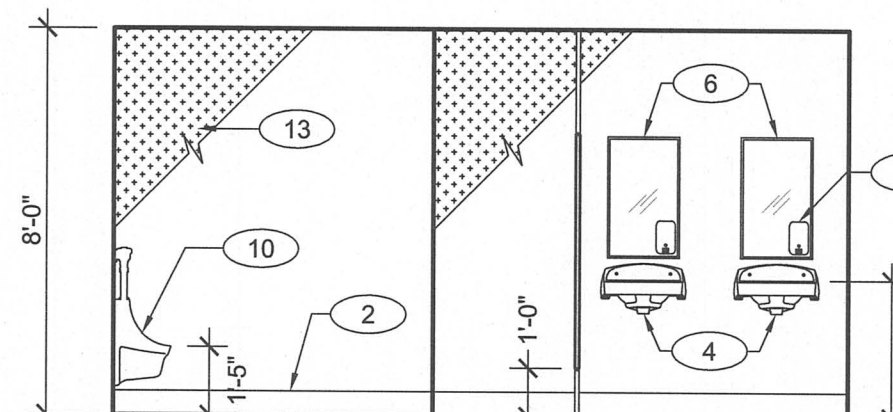


A

B



C



D

01 BOYS RESTROOM INTERIOR ELEVATIONS

1/4"=1'-0"

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK IN REFERENCE TO DRAWINGS AND SPECIFICATIONS FROM ALL DISCIPLINES, MECHANICAL, PLUMBING & ELECTRICAL.
- REFER TO DOOR SCHEDULE AT 1/A10.10 AND DETAIL SHEETS A12.20 & A12.21 FOR ADDITIONAL INFORMATION.
- PROVIDE FRAMING, SUPPORTS, BACKING/ BLOCKING REQUIRED FOR INSTALLATION OF ALL RECESSED/ WALL MOUNTED ITEMS AND CONCEALED (IN-WALL) UTILITIES.
- PROTECT ALL EXISTING ITEMS/ FINISHES TO REMAIN.
- CLEAN ALL EXISTING SURFACES, FINISHES PRIOR TO OCCUPATION.
- PATCH AND REPAIR ANY DAMAGED FINISHES TO MATCH ADJACENT FINISH.
- REFER TO DETAIL 1 SHEET A12.20 FOR ACCESSIBLE MOUNTING HEIGHTS OF EQUIPMENT.
- LOCATIONS OF MECHANICAL, ELECTRICAL, PLUMBING, SHOWN ON INTERIOR ELEVATIONS ARE FOR ARCHITECTURAL COORDINATION ONLY. NOT ALL ITEMS MAY BE SHOWN.
- CONTINUE FINISHES BEHIND ALL WALL MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO ACCESSORIES, WIREMOLD AND THERMOSTATS.
- REFER TO SHEET A12.50 FOR DOOR DETAILS.
- PAINT ALL NEW AND EXISTING BUILDING SURFACES INCLUDING, BUT NOT LIMITED TO, WALLS, DOORS AND TRIMS
- REFER TO FLOOR PLAN & REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.



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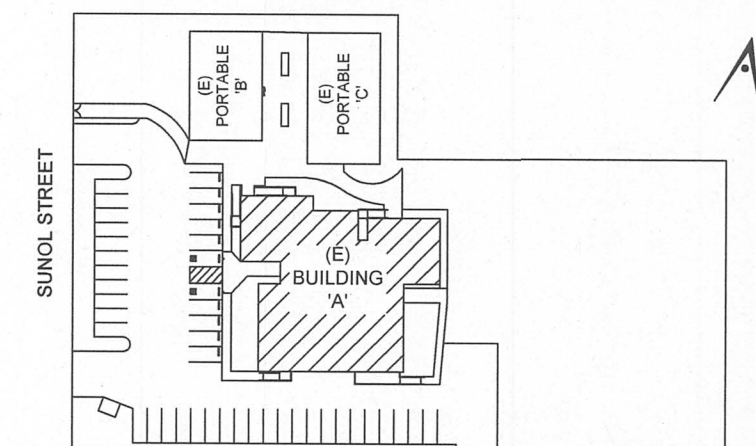
Legend

- GYPSUM BOARD, PAINT
- FRP WALLBOARD

KEYNOTES

- DOOR, REFER TO A10.10 FOR DOOR TYPE.
- EPOXY COVED WALL BASE.
- ACCESSIBLE WALL MOUNT WATER CLOSET W/ FLUSHOMETER AND 30"x48" CLEAR SPACE. SEE PLUMBING DWGS.
- ACCESSIBLE LAVATORY W/ 30"x48" CLEAR SPACE. SEE DET. 2/A20.10 FOR ACCESSIBILITY REQUIREMENTS. SEE PLUMBING DWGS.
- SOAP DISPENSER
- 18" X 36" MIRROR MOUNTED ABOVE LAVATORY. MOUNT BOTTOM OF REFLECTIVE SURFACE 40" MAX. A.F.F.
- SURFACE MOUNT TOILET PAPER DISPENSER.
- WALL MOUNTED SANITARY DISPOSAL
- COMBINATION SEMI-RECESSED WASTE AND PAPER TOWEL DISPENSER
- ACCESSIBLE WALL MOUNT URINAL W/ FLUSHOMETER AND 30" X 48" CLEAR SPACE. SEE PLUMBING DWGS.
- 42" GRAB BAR, MAINTAIN 1-1/2" CLEAR BELOW GRAB BAR.
- 36" GRAB BAR, MAINTAIN 1-1/2" CLEAR BELOW GRAB BAR.
- FRP WALL PANEL FULL HEIGHT
- FLOOR TO CEILING TOILET COMPARTMENT PARTITION
- URINAL PARTITION
- ELECTRIC HAND DRYER
- (E) STEEL VERTICAL LADDER
- 5/8" TYPE 'X' GYPSUM BOARD CEILING
- 2 X PARTITION WALL, SEE WAL TYPE AT 1/A12.30
- (E) ROOF HATCH ACCESS
- RESTROOM ACCESS SIGNAGE SEE 3 / A12.20
- RELOCATED DRINKING FOUNTAIN SEE 5,6 & 7 / A12.21
- RESILIENT WALL BASE
- SEMI-RECESSED FIRE EXTINGUISHER CABINET SEE 1/A12.20

Key Plan



Project Title

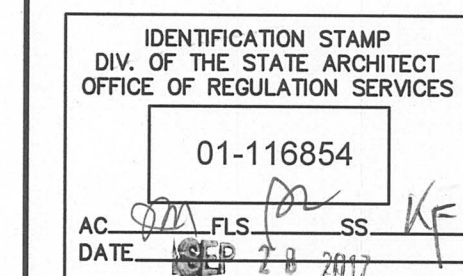
**SUNOL
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RESTROOMS UPGRADE**
258 SUNOL STREET
SAN JOSE, CA 95126
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	08/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

**BUILDING A
INTERIOR
ELEVATIONS**

Regulatory Agency Approval



Architect Seal



File Number

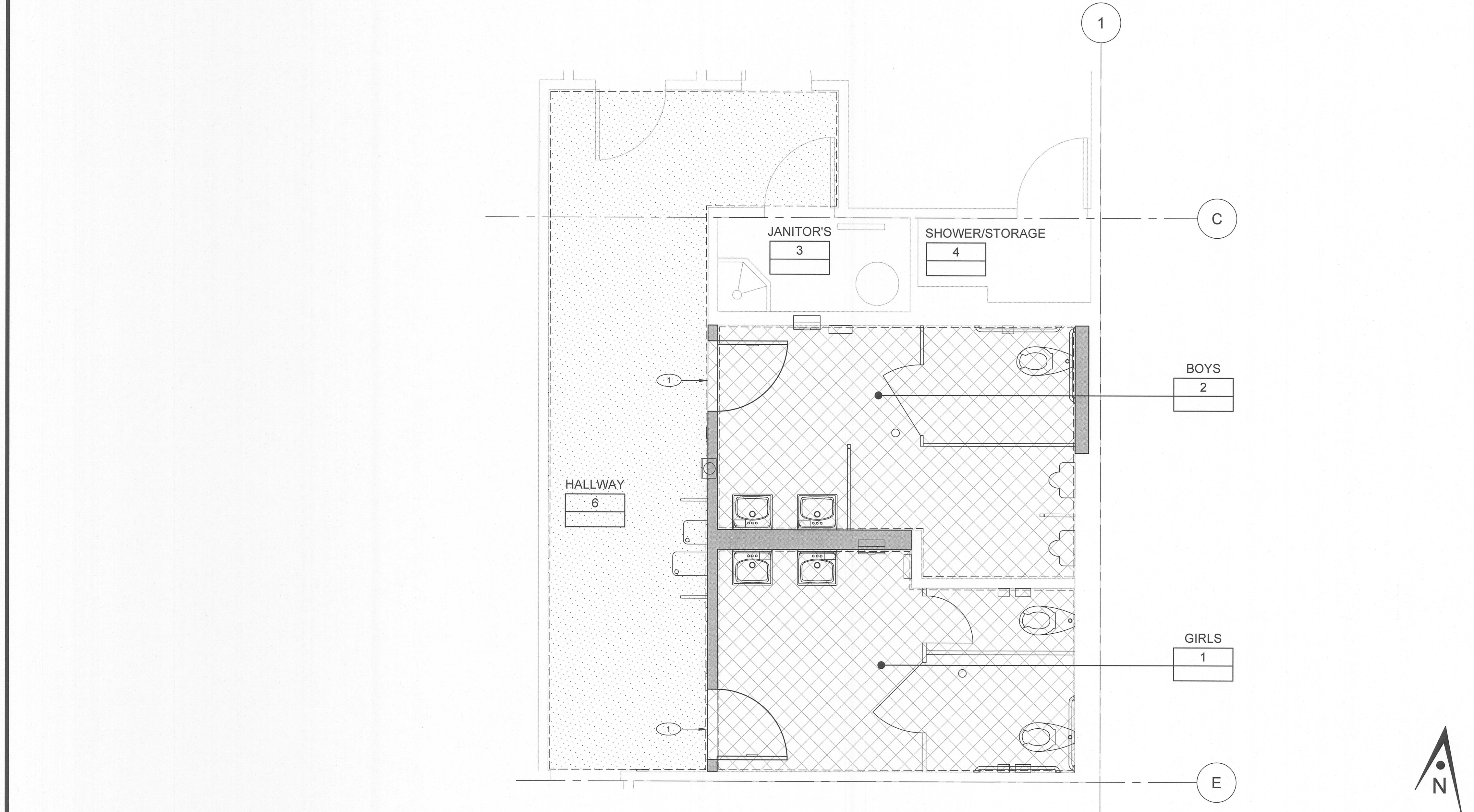
Application Number

Project No. 06307

Date 06/27/2017

Drawing No

A7.10



02 BUILDING 'A' RESTROOMS FINISH FLOOR PLAN 3/8"=1'-0"

GENERAL NOTES

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Legend
EPOXY FLOORING WITH 6" HT. INTEGRAL COVE BASE
CARPET
EXTENTS OF PAINT (WALLS, DOORS, GYP. BD. CEILING)

KEYNOTES
1 DOOR THRESHOLD, SEE 1/A12.50

Key Plan
SUNOL STREET
BUILDING A
BUILDING B
BUILDING C

Project Title
SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE
258 SUNOL STREET
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OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

RESTROOMS DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	FRAME MATERIAL	FRAME TYPE	RATING (MIN.)	FINISH	PANIC HARDWARE	REMARKS
A1.1	BOYS RESTROOM	3'-0" X 7'-0"	B	HM	HM	A	NONRATED	P	-	SEE NOTE 8
A1.2	GIRLS RESTROOM	3'-0" X 7'-0"	B	HM	HM	A	NONRATED	P	-	SEE NOTE 8

LEGEND
HM = HOLLOW METAL
P = PAINT

NOTES:
1. U.O.N. ALL STEEL DOORS FRAME MEMBERS ARE MIN. 2" IN WIDTH.
2. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL BE AS FOLLOWS:
A. INTERIOR DOORS = 5 LBS.
B. EXTERIOR DOORS = 5 LBS.
3. ALL DOOR HARDWARE TO BE LEVER TYPE.
4. CONTRACTOR SHALL FIELD VERIFY ALL DOOR SIZES PRIOR TO FABRICATION AND CONSTRUCTION.
5. FOR RESTROOM SIGNAGE REFER TO SHEET 3/A12.20
6. REFER TO SHEET A12.50 FOR DETAILS
7. THIS DOOR IS LISTED AT 7'-0" HEIGHT BUT THE CONTRACTOR SHALL PROVIDE A 1/2" UNDERCUT FOR VENTILATION PURPOSES.

HARDWARE SET FOR DOORS # A1.1 & A1.2
HARDWARE GROUP 1A - STUDENT MULTIRESTROOM INTERIOR
QTY. DESCRIPTION CATALOG NUMBER FINISH MFR
1 EA. CONT. HINGE 112HD 628 IVE
1 EA. PUSH PLATE 8200 4" X 16" 630 IVE
1 EA. PULL PLATE 8302 8" 4" X 16" 630 IVE
1 EA. SURFACE CLOSER 4040XP EDA 689 LCN
2 EA. KICK PLATE 8400 10" X 2" LDW B4E 630 IVE
1 SET SEALS S88D DKB PEM
1 EA. DOOR SHOE 222AV AL PEM
1 EA. THRESHOLD 2748A AL PEM
1 EA. DOME STOP FS436 626 IVE

01 BUILDING 'A' RESTROOMS - DOOR SCHEDULE, FRAME / DOOR TYPE 1/4"=1'-0"

Drawing Title
DOOR SCHEDULE
& FINISH FLOOR PLAN

Regulatory Agency Approval
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
01-116854
AC DATE SEP 20 2017

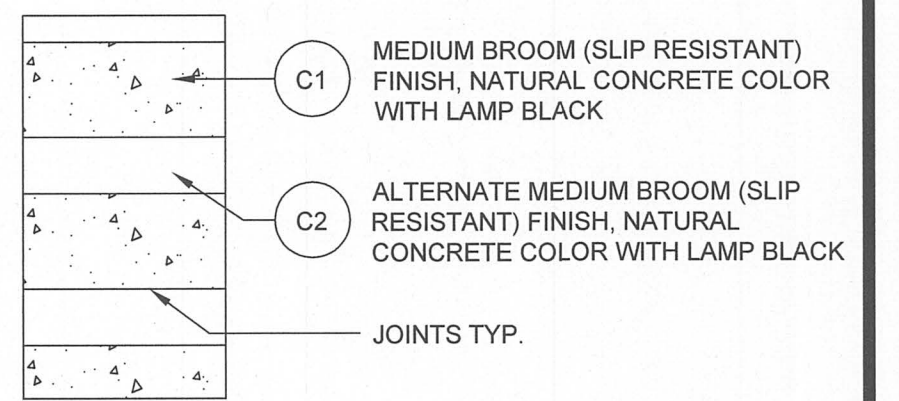
Architect Seal
LICENSED ARCHITECT
MARTIN HOGROVE
No. C-22312
Exp. 03-31-19
STATE OF CALIFORNIA

File Number
Application Number
Project No.
06307
Date
06/27/2017

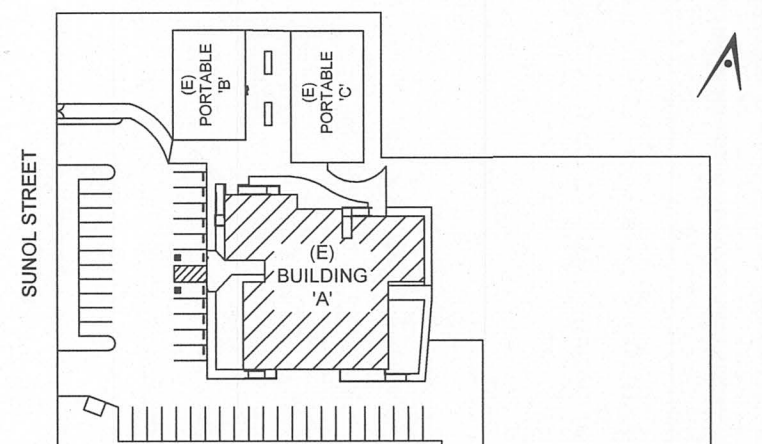
Drawing No.
A10.10

Consultant Seal

Legend



Key Plan



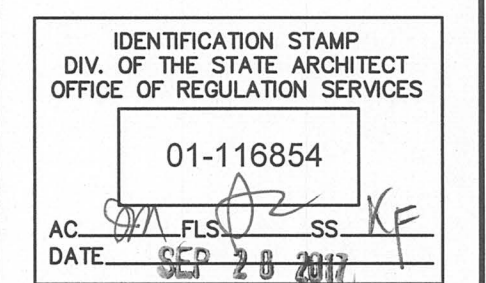
Project Title
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**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

SITE DETAILS

Regulatory Agency Approval



Architect Seal



File Number

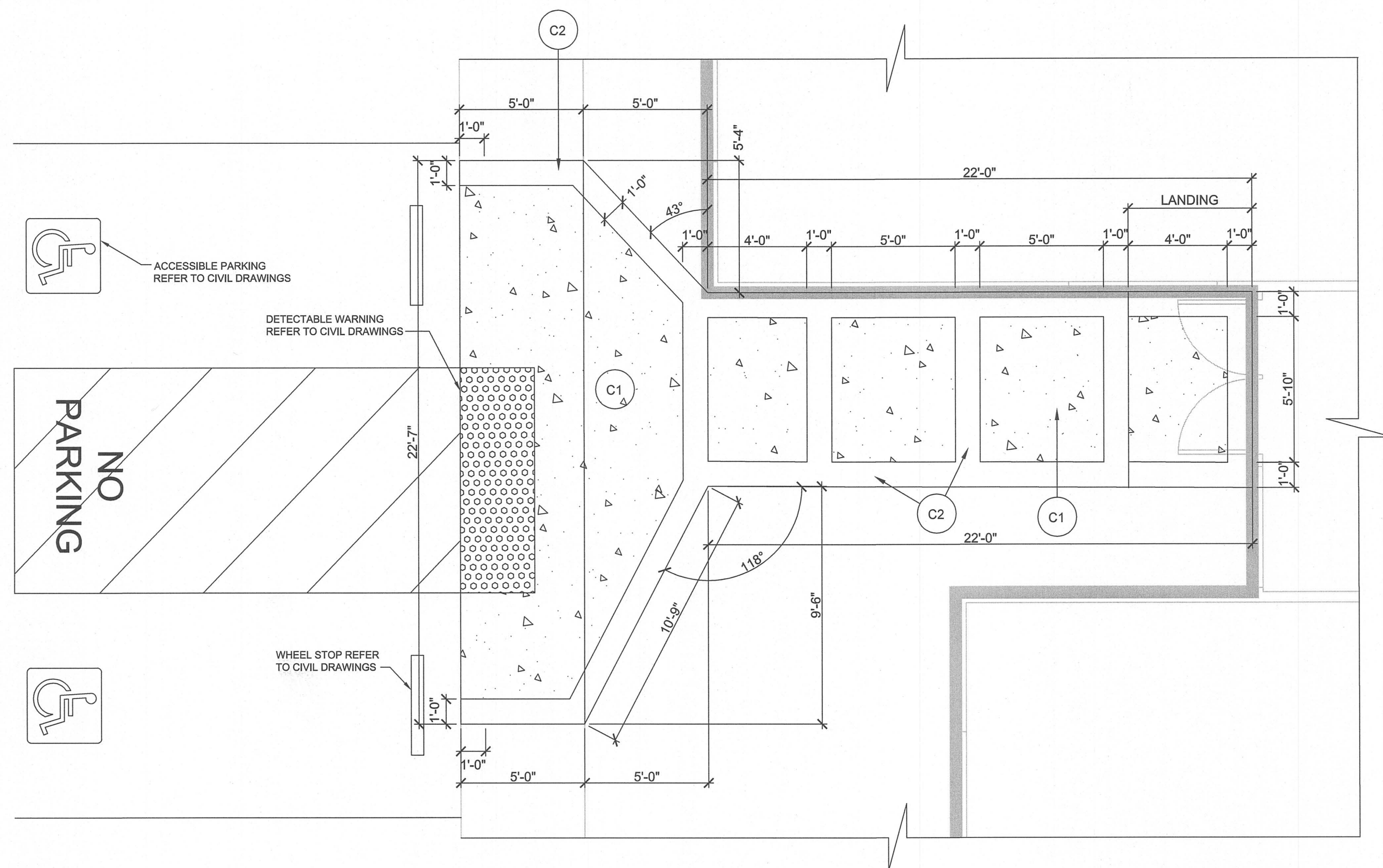
Application Number

Project No.
06307

Date
06/27/2017

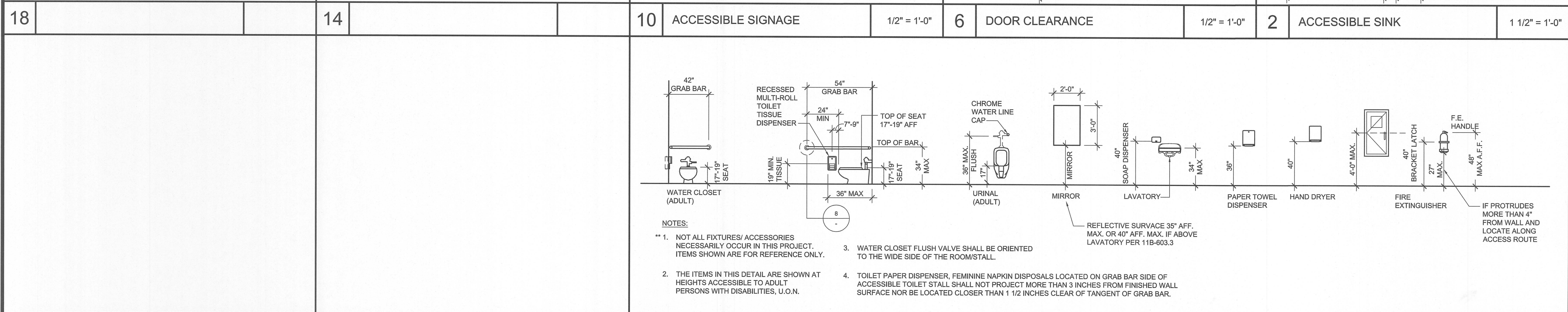
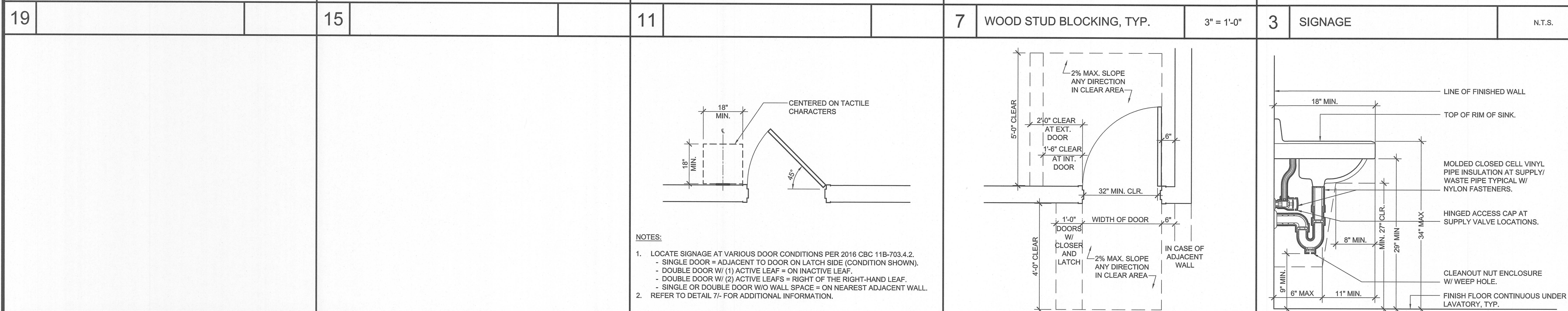
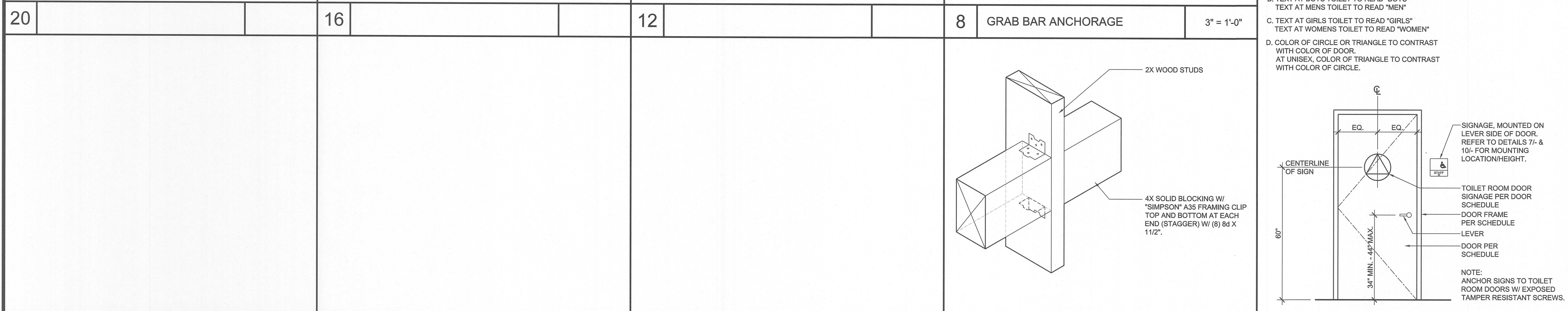
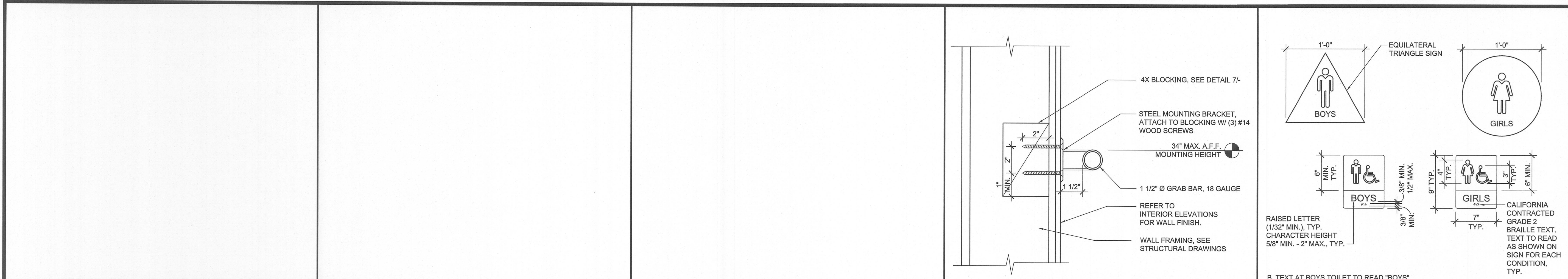
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A12.10



1 EXTERIOR SLOPED CONCRETE WALKWAY AT BUILDING 'A' FRONT ENTRANCE

1/4" = 1'-0"



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Legend

Key Plan

Project Title

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OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
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Drawing Title

ACCESSIBILITY DETAILS

Regulatory Agency Approval

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DIV. OF THE STATE ARCHITECT

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01-116854

AC. DATE 06/28/2017

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LICENSED ARCHITECT

MARTIN HOCHSTETTER

No. C-22312

Exp. 03-31-19

STATE OF CALIFORNIA

File Number

Application Number

Project No.

Date

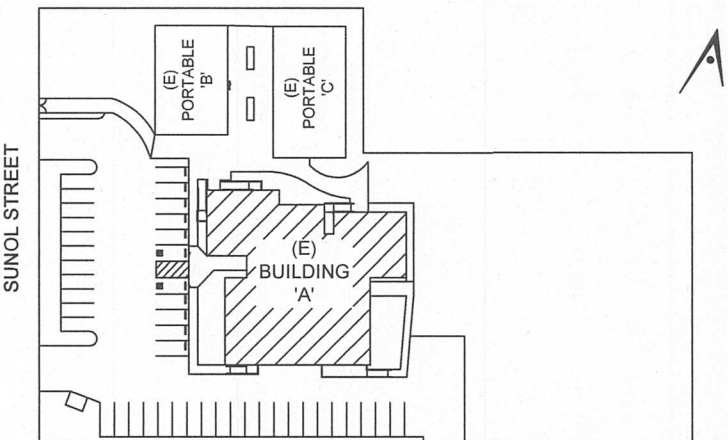
Drawing No

A12.20

Consultant Seal

Legend

Key Plan



Project Title

**SUNOL
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RESTROOMS UPGRADE**

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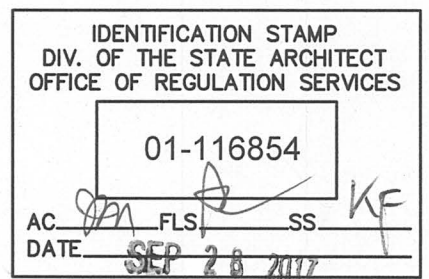
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1	DSA SUBMITTAL	06/28/2017
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**RESTROOM
DETAILS**

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Application Number

Project No.

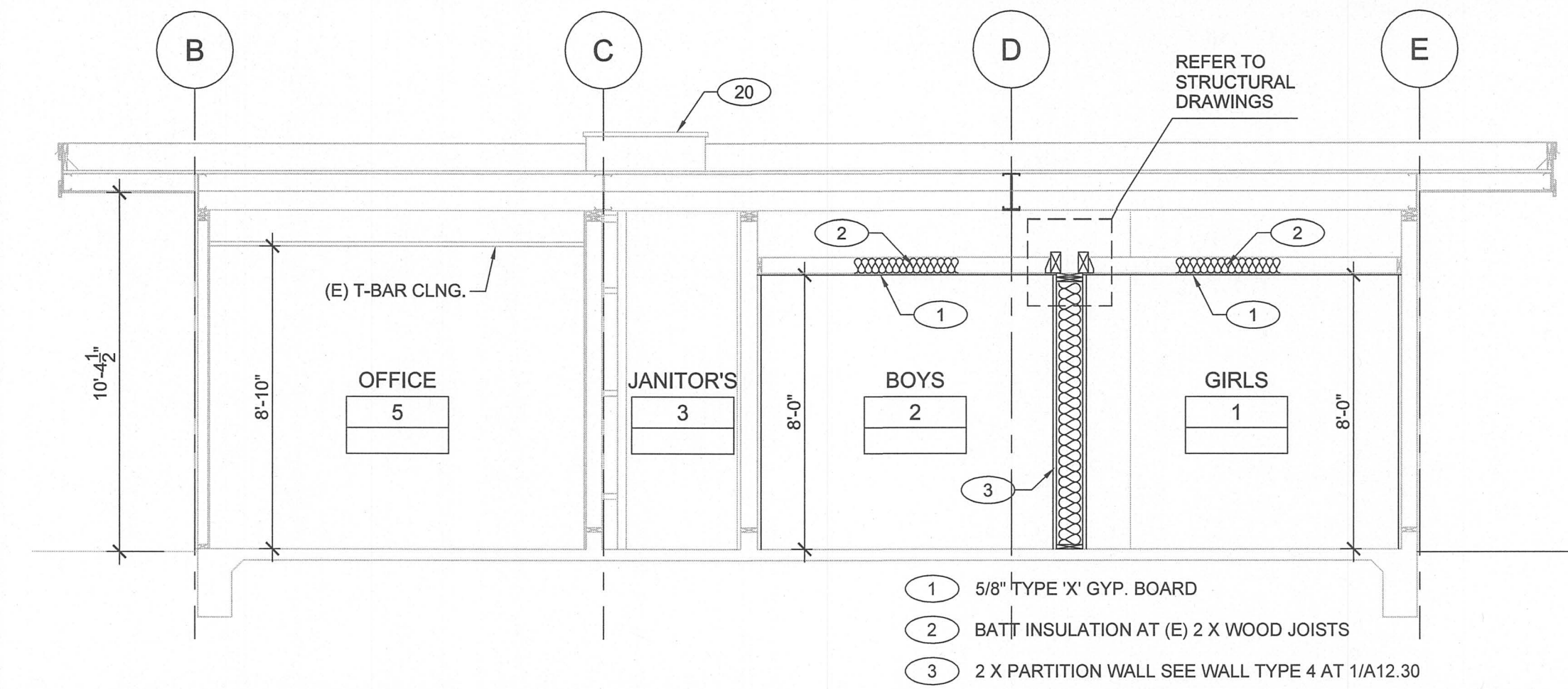
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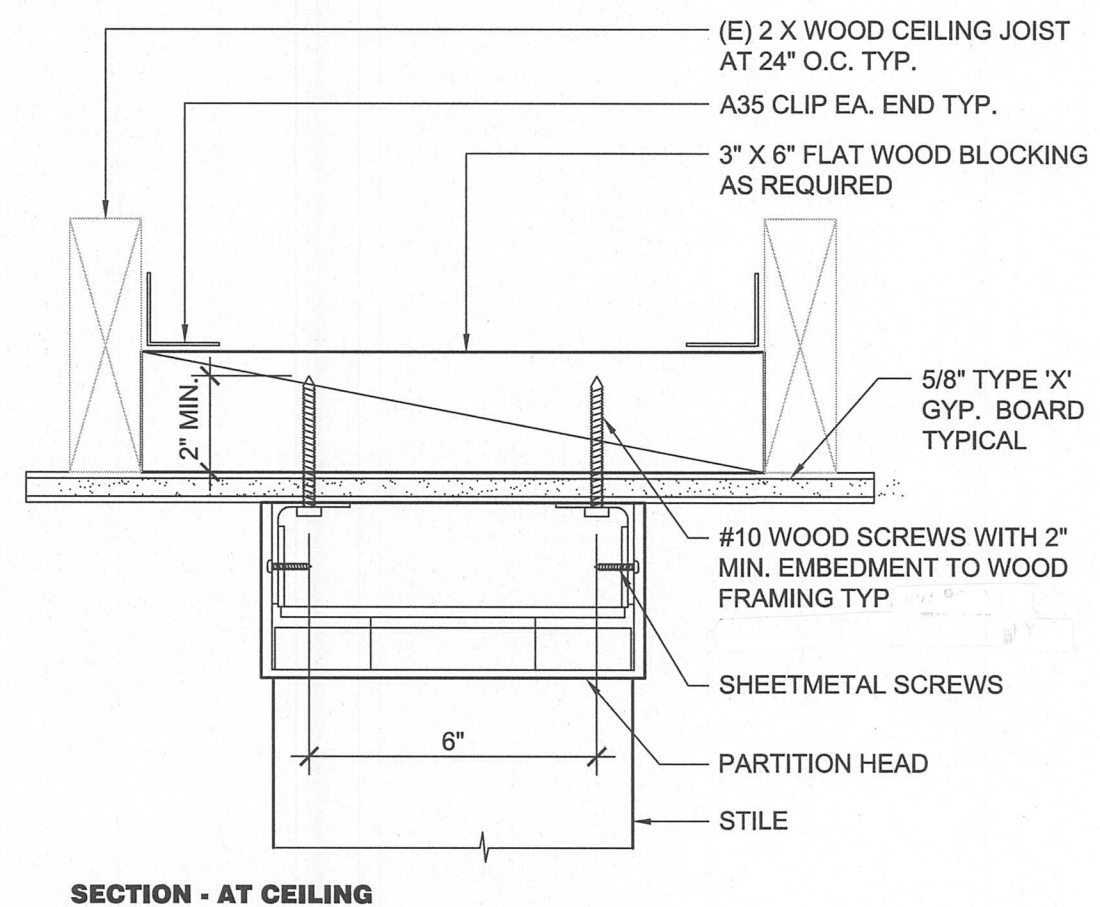
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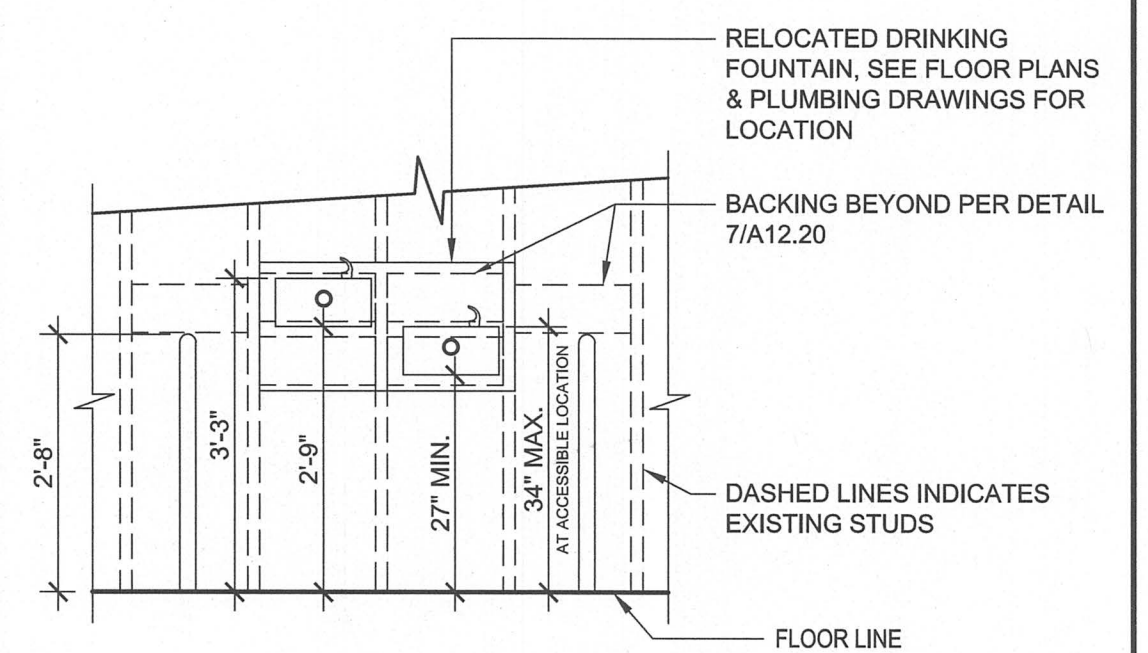


8 PARTIAL RESTROOMS CROSS SECTION

1/4"=1'-0"

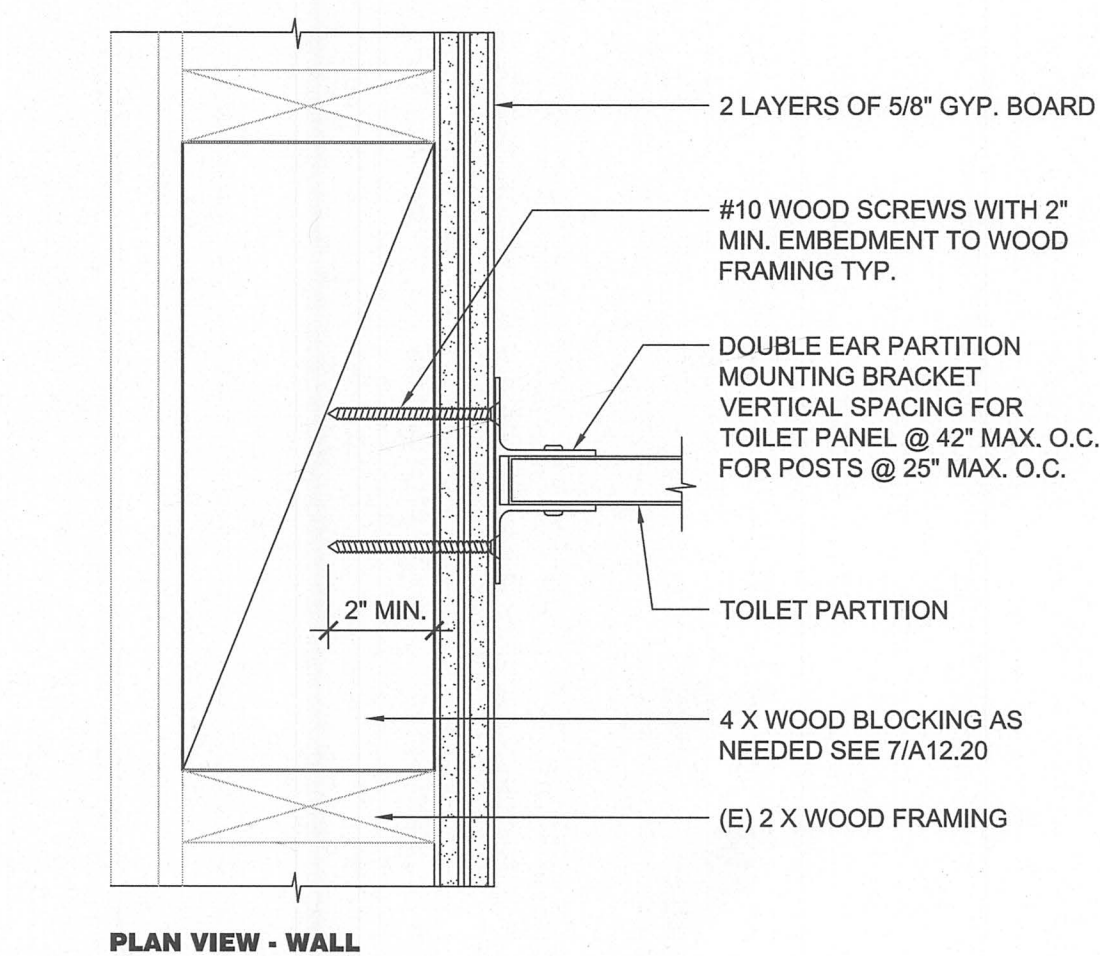


SECTION - AT CEILING

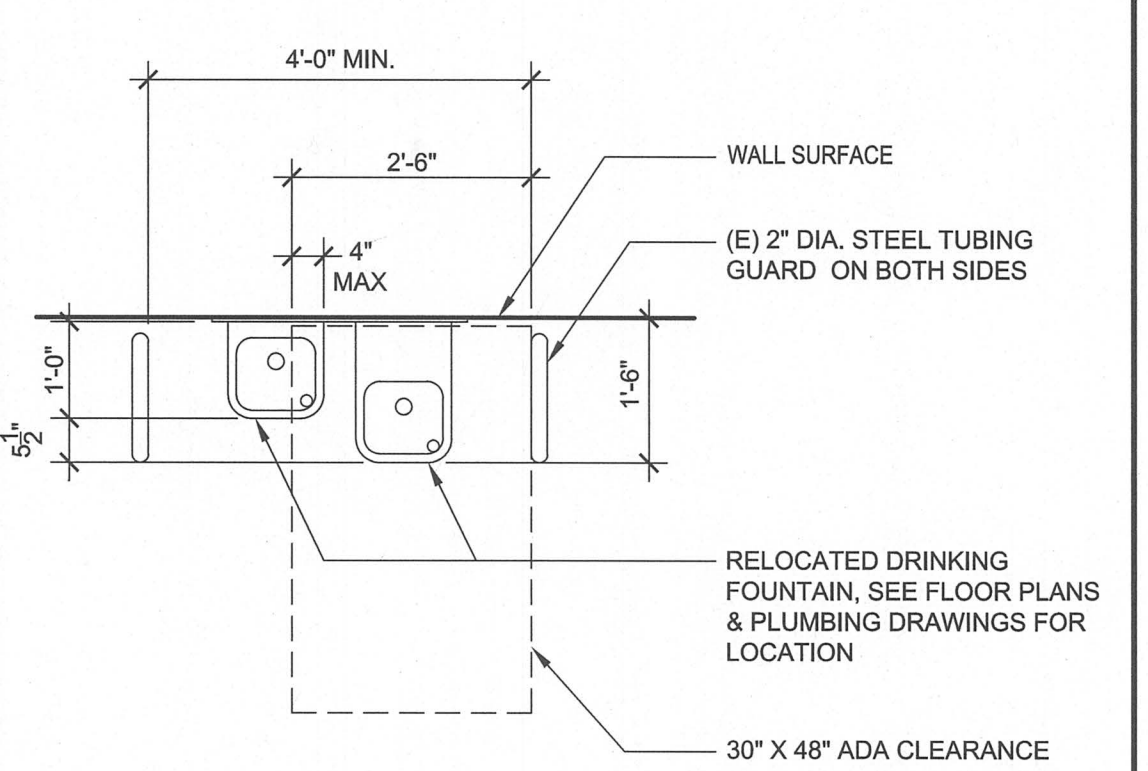


7 DRINKING FOUNT. / ELEVATION

1/2" = 1'-0"

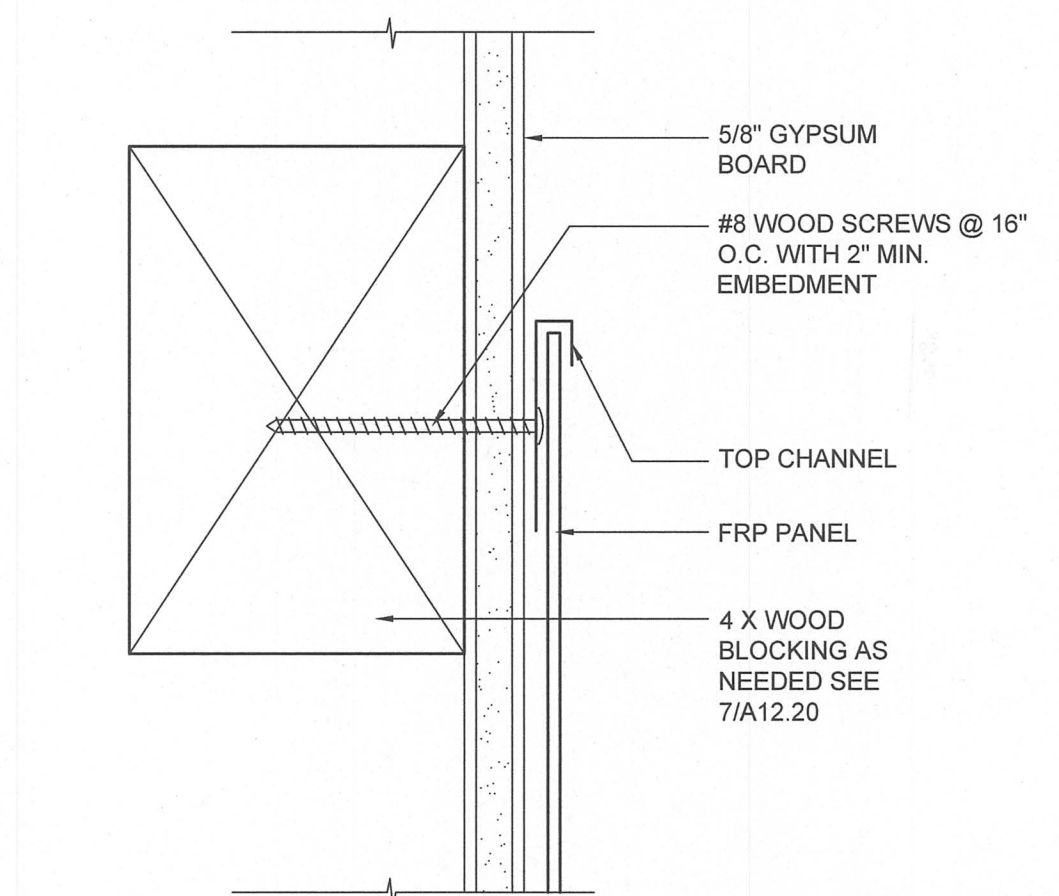


PLAN VIEW - WALL



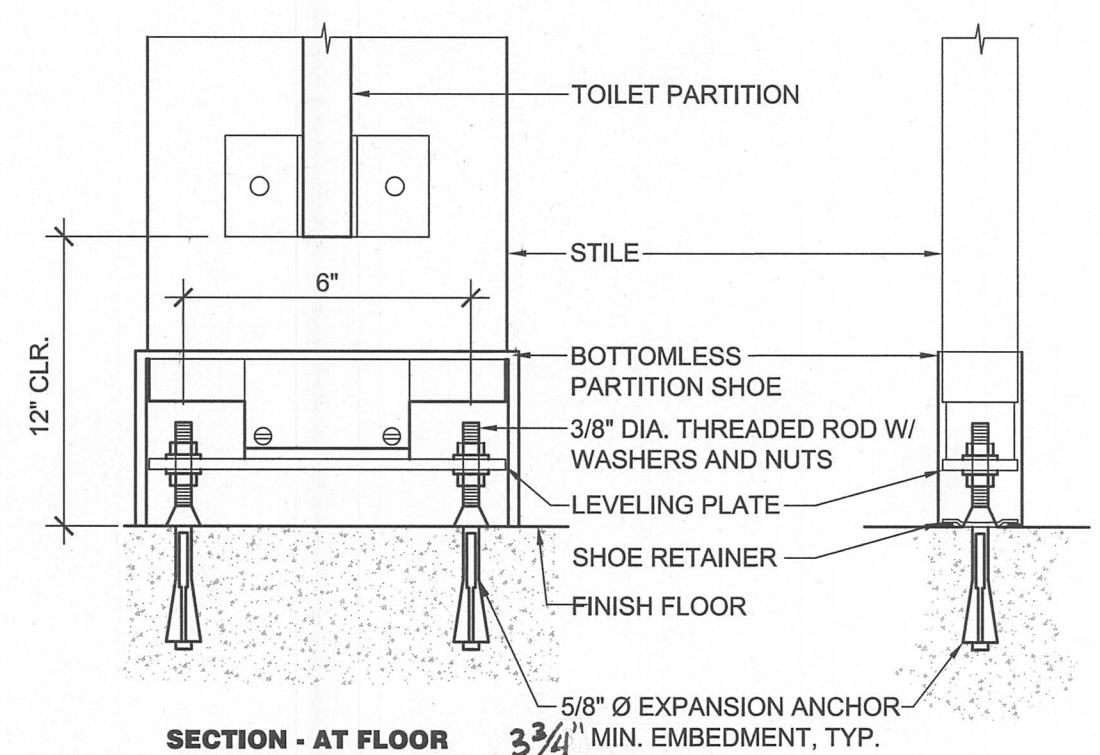
6 DRINKING FOUNT. / PLAN VIEW

1/2" = 1'-0"

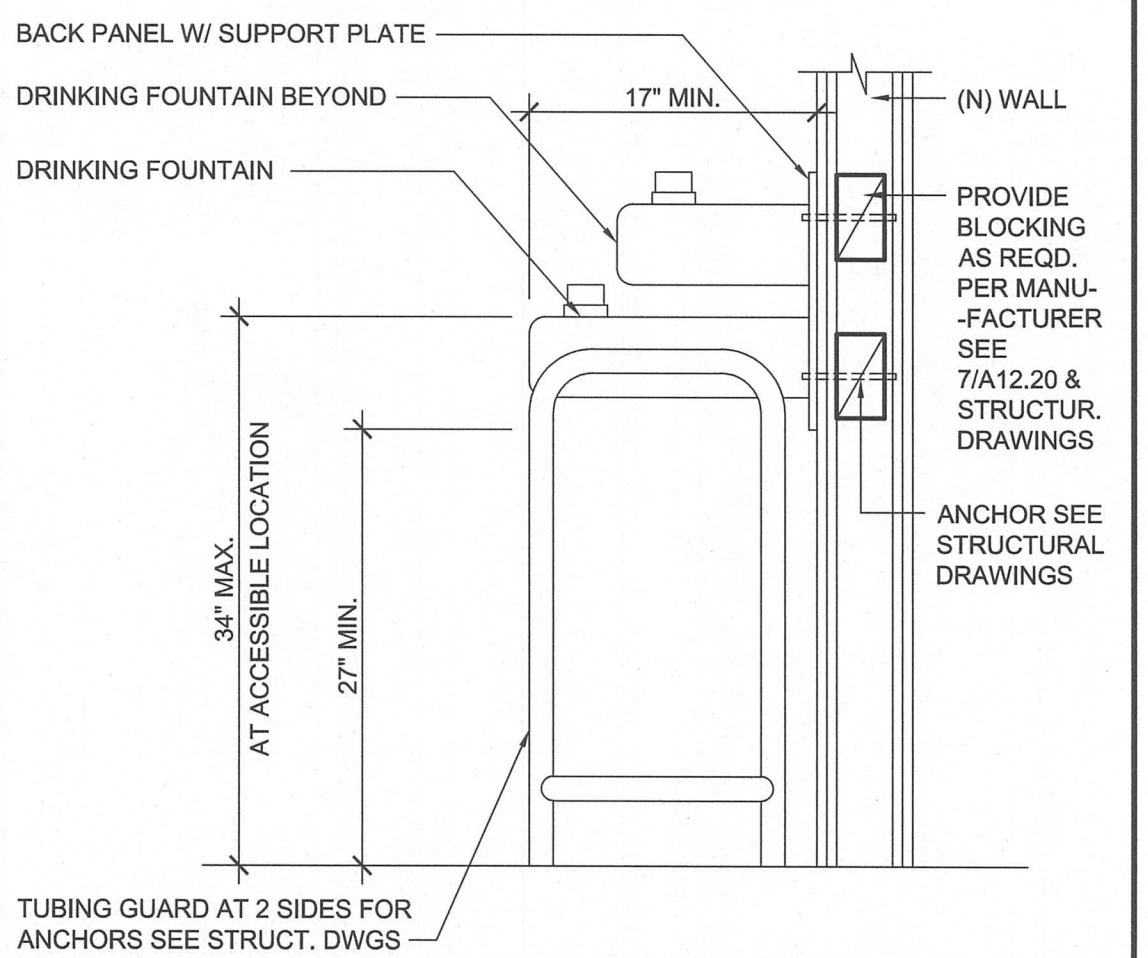


2 FRP TOP FINISH

6" = 1'-0"

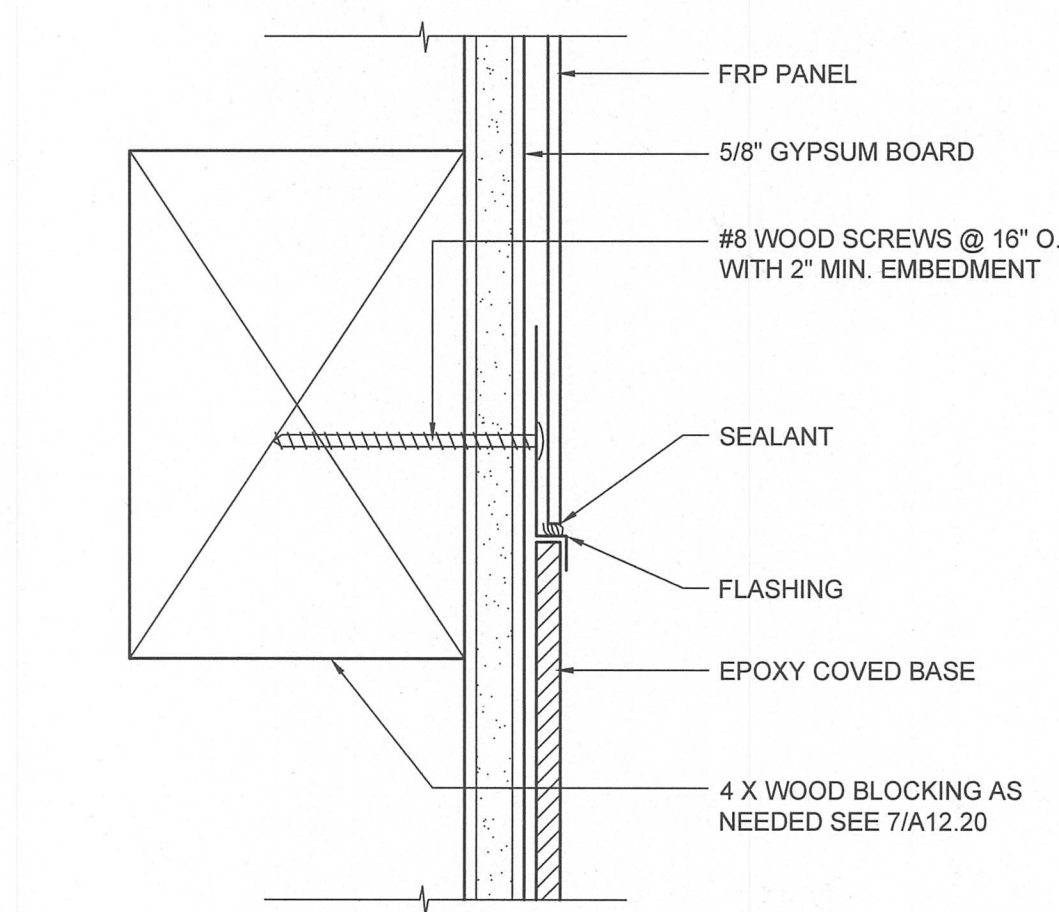


SECTION - AT FLOOR



5 DRINKING FOUNT. / SIDE ELEV.

1" = 1'-0"



1 FRP BASE FINISH

6" = 1'-0"

9 TOILET PARTITION ANCHORAGE

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

5 DRINKING FOUNT. / SIDE ELEV.

1" = 1'-0"

1 FRP BASE FINISH

6" = 1'-0"

20

16

12

8

1/4"=1'-0"

19

15

11

TOILET PARTITION ANCHORAGE

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

7

DRINKING FOUNT. / ELEVATION

1/2" = 1'-0"

3

18

14

11

TOILET PARTITION ANCHORAGE

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

6

DRINKING FOUNT. / PLAN VIEW

1/2" = 1'-0"

2

FRP TOP FINISH

6" = 1'-0"

17

13

9

TOILET PARTITION ANCHORAGE

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

5

DRINKING FOUNT. / SIDE ELEV.

1" = 1'-0"

1

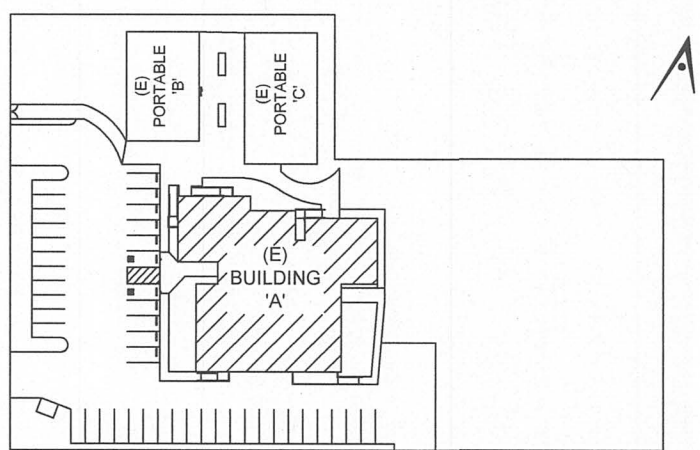
FRP BASE FINISH

6" = 1'-0"

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Legend

Key Plan



Project Title

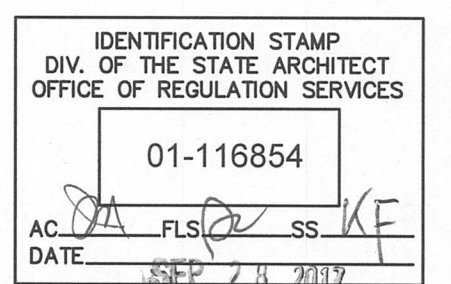
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1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

WALL DETAILS

Regulatory Agency Approval



Architect Seal



File Number

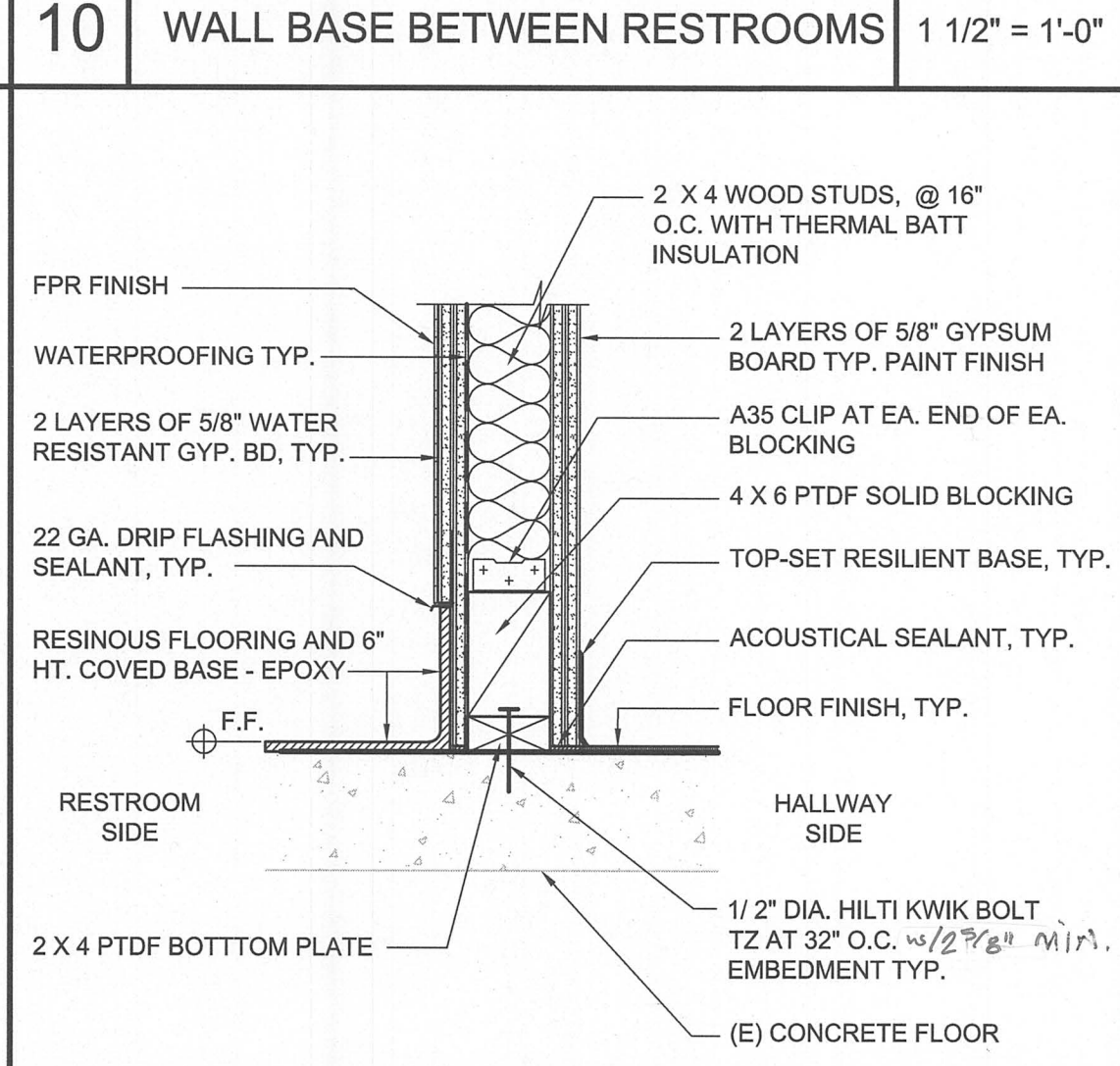
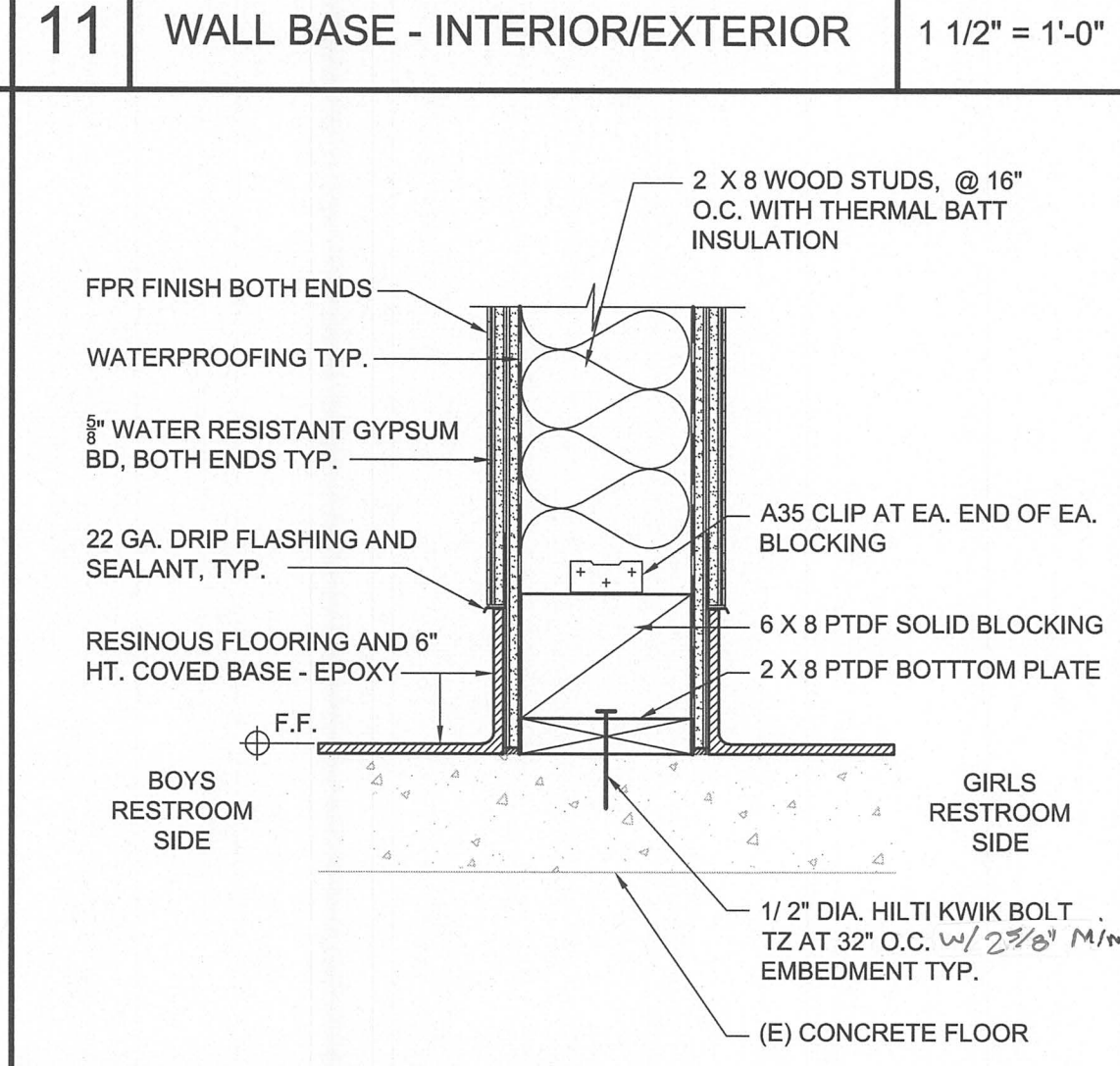
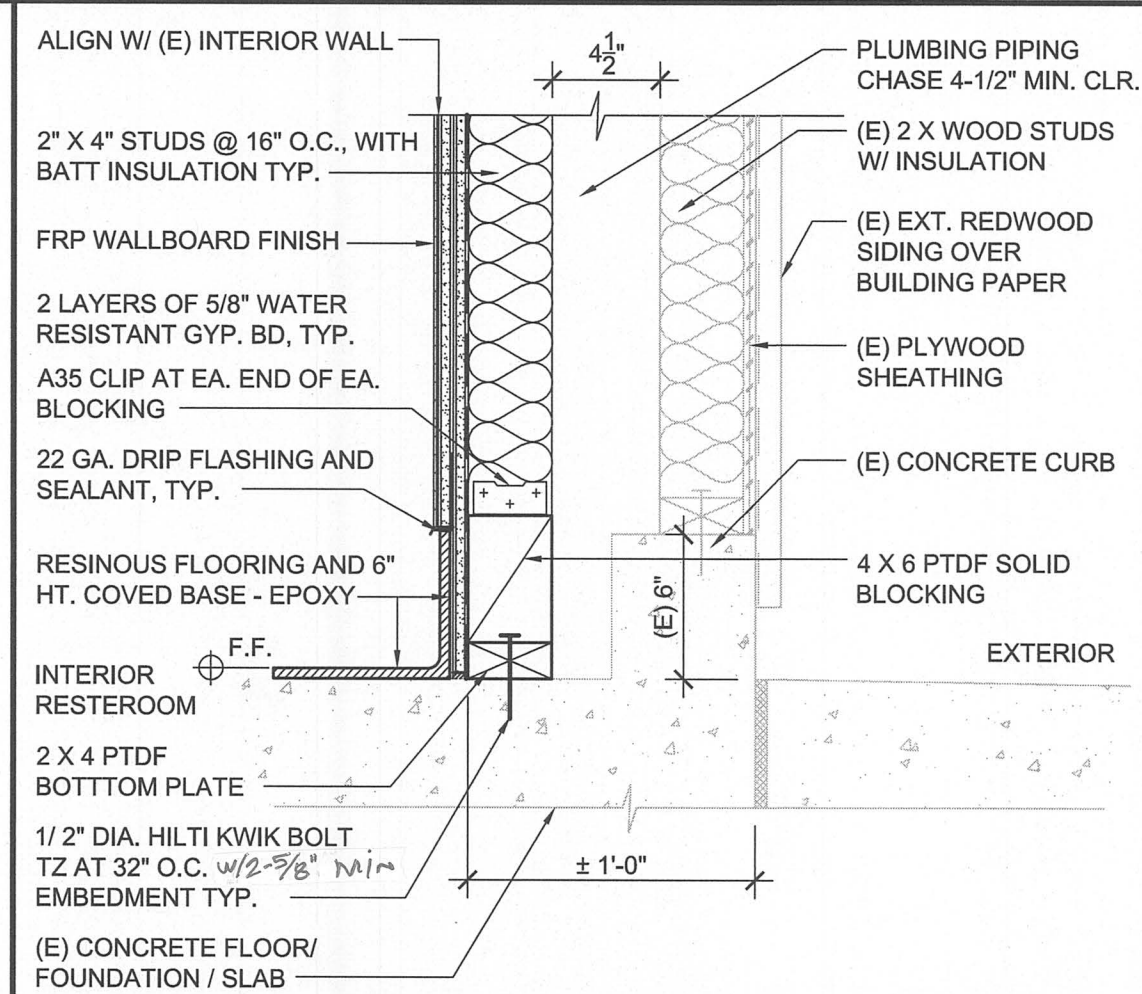
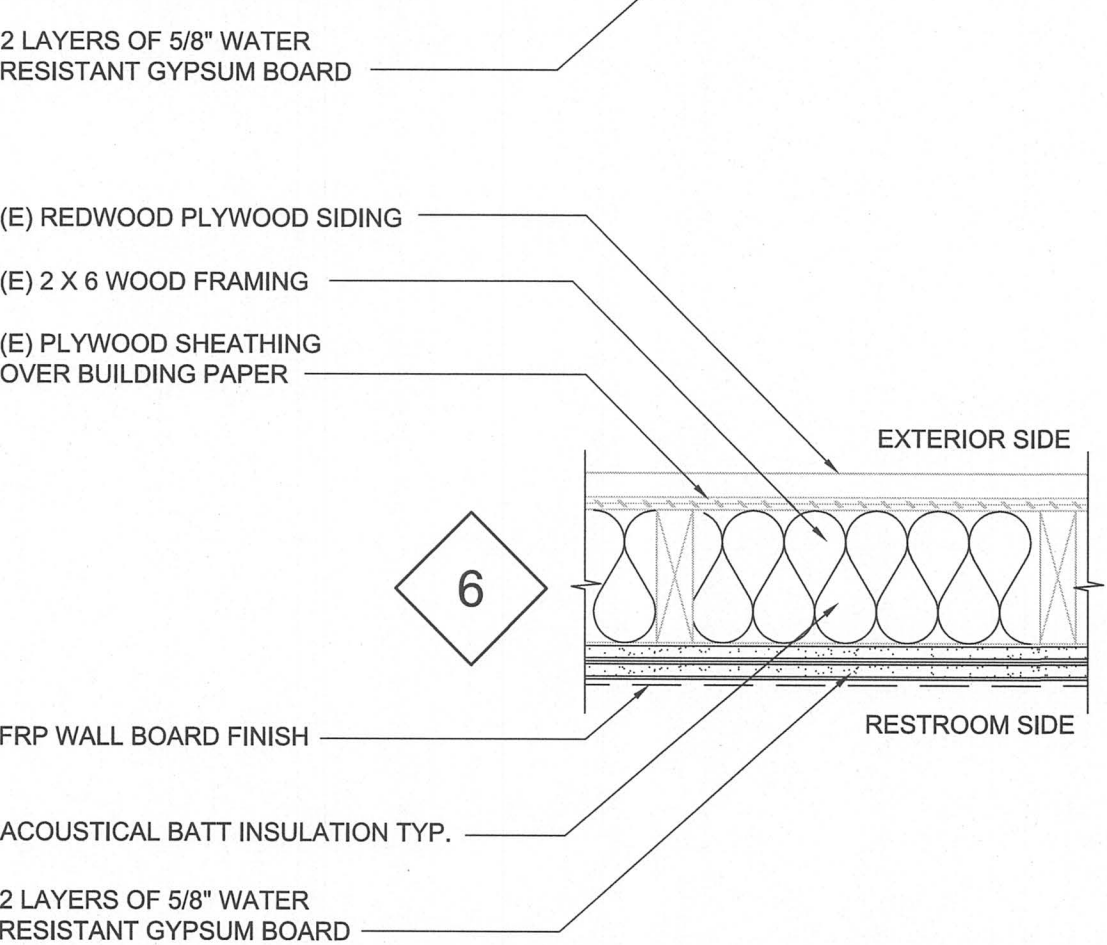
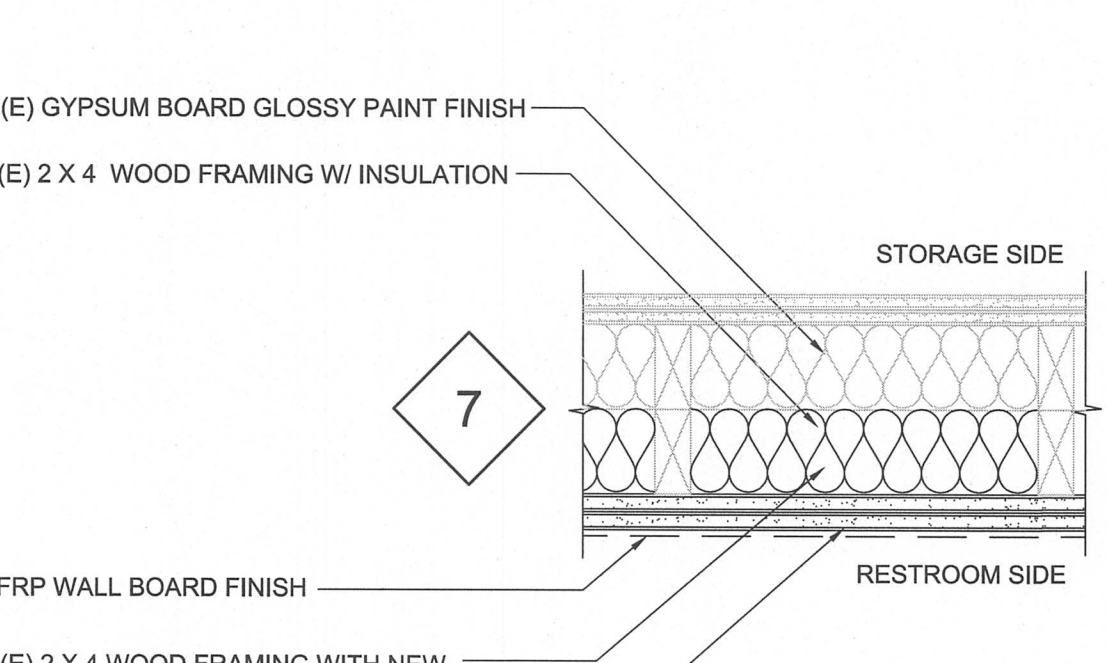
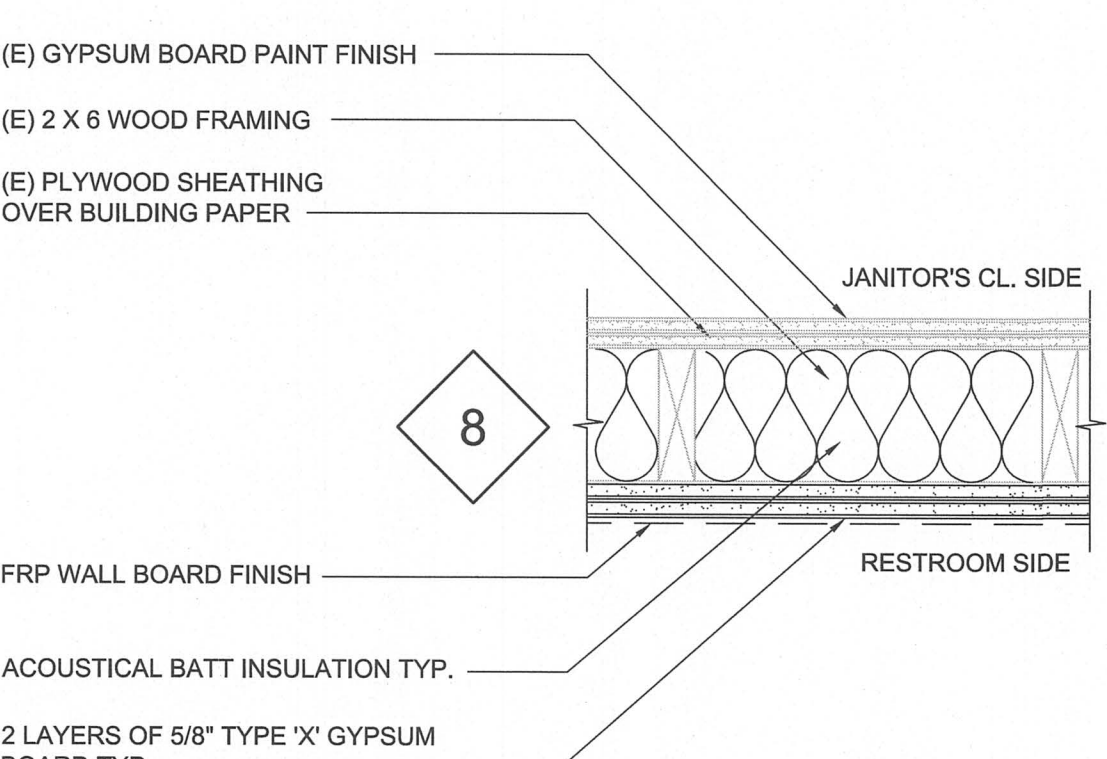
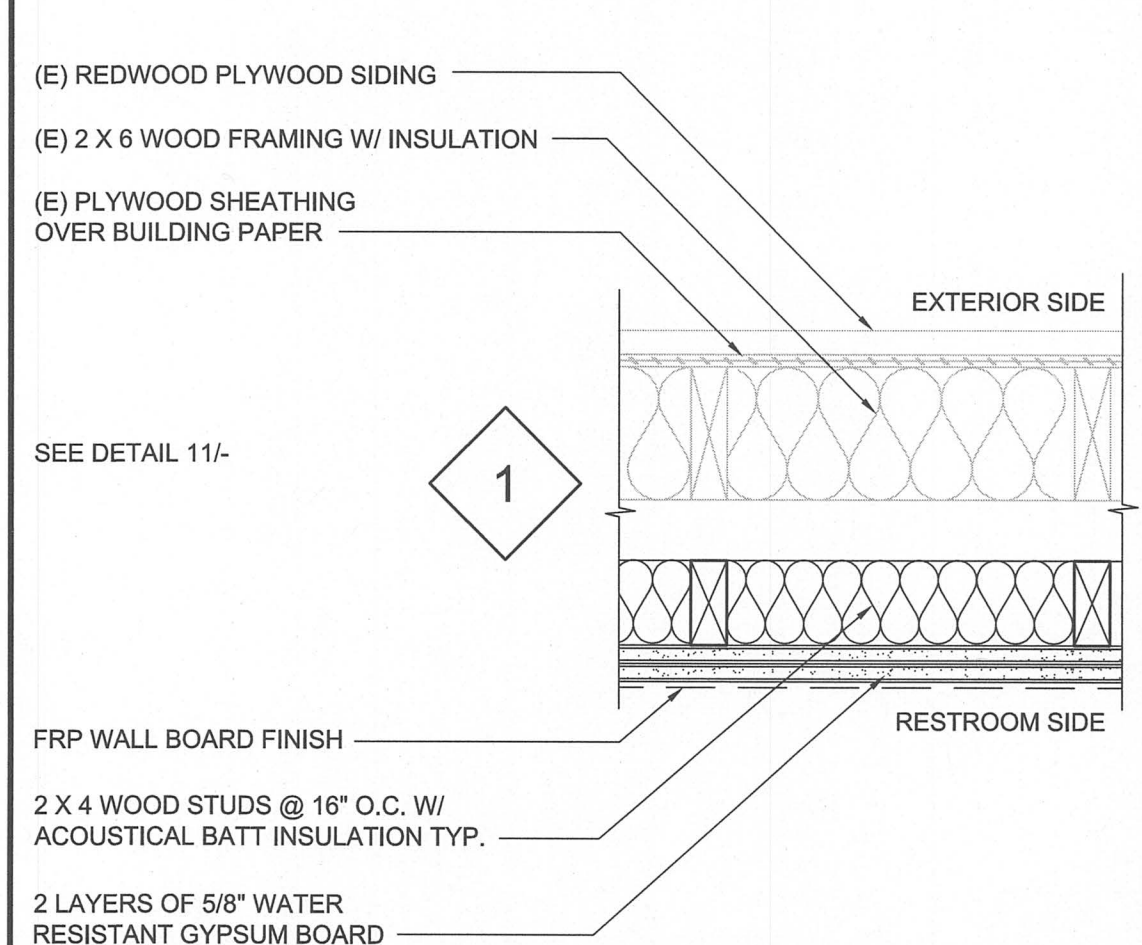
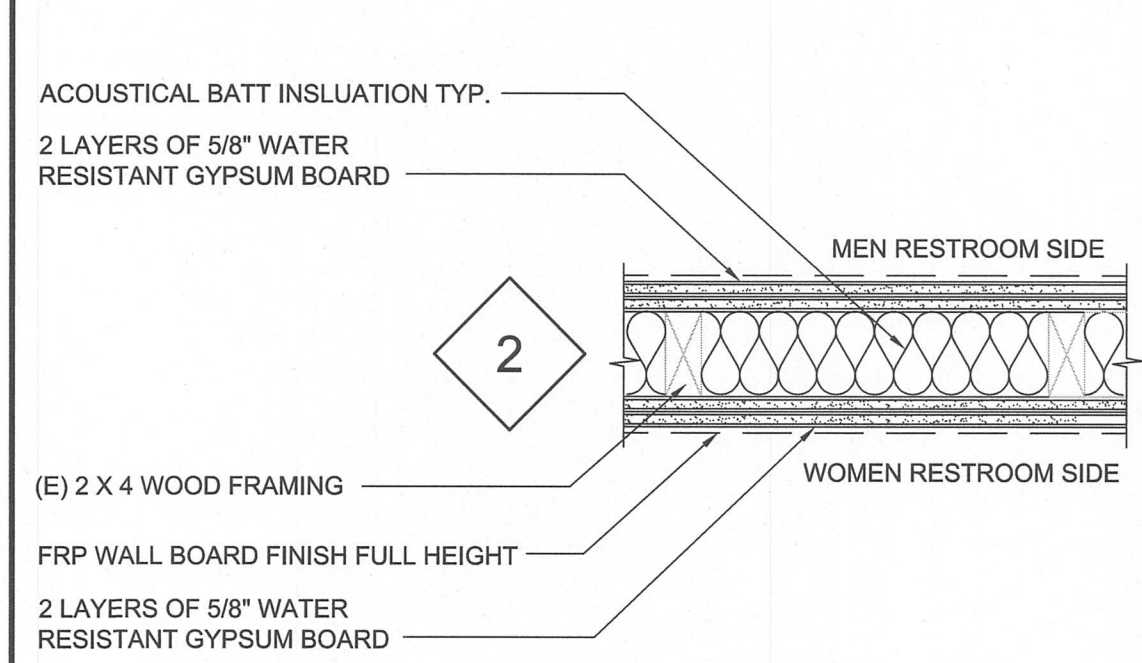
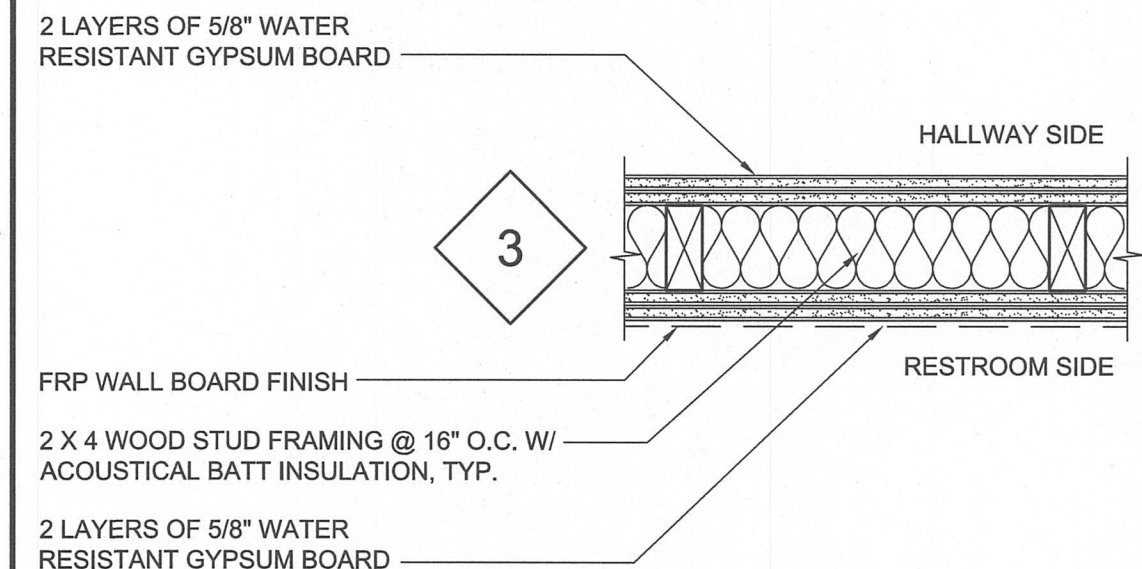
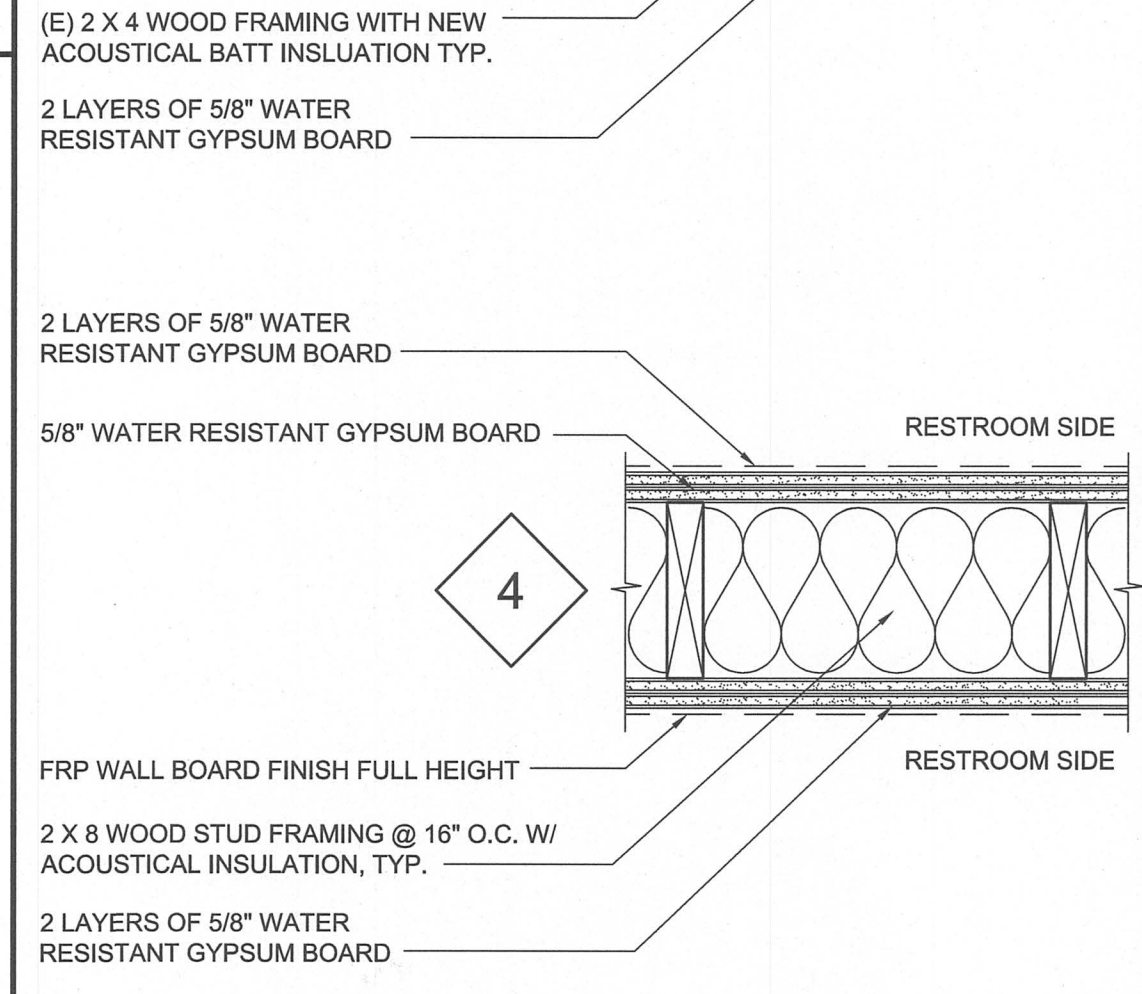
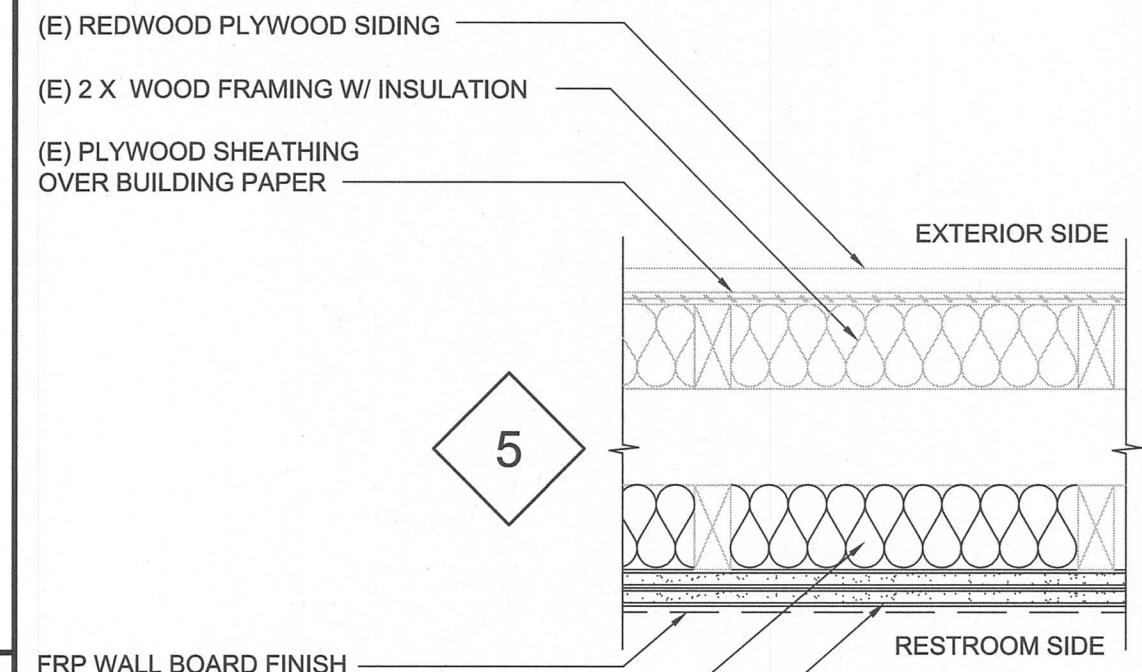
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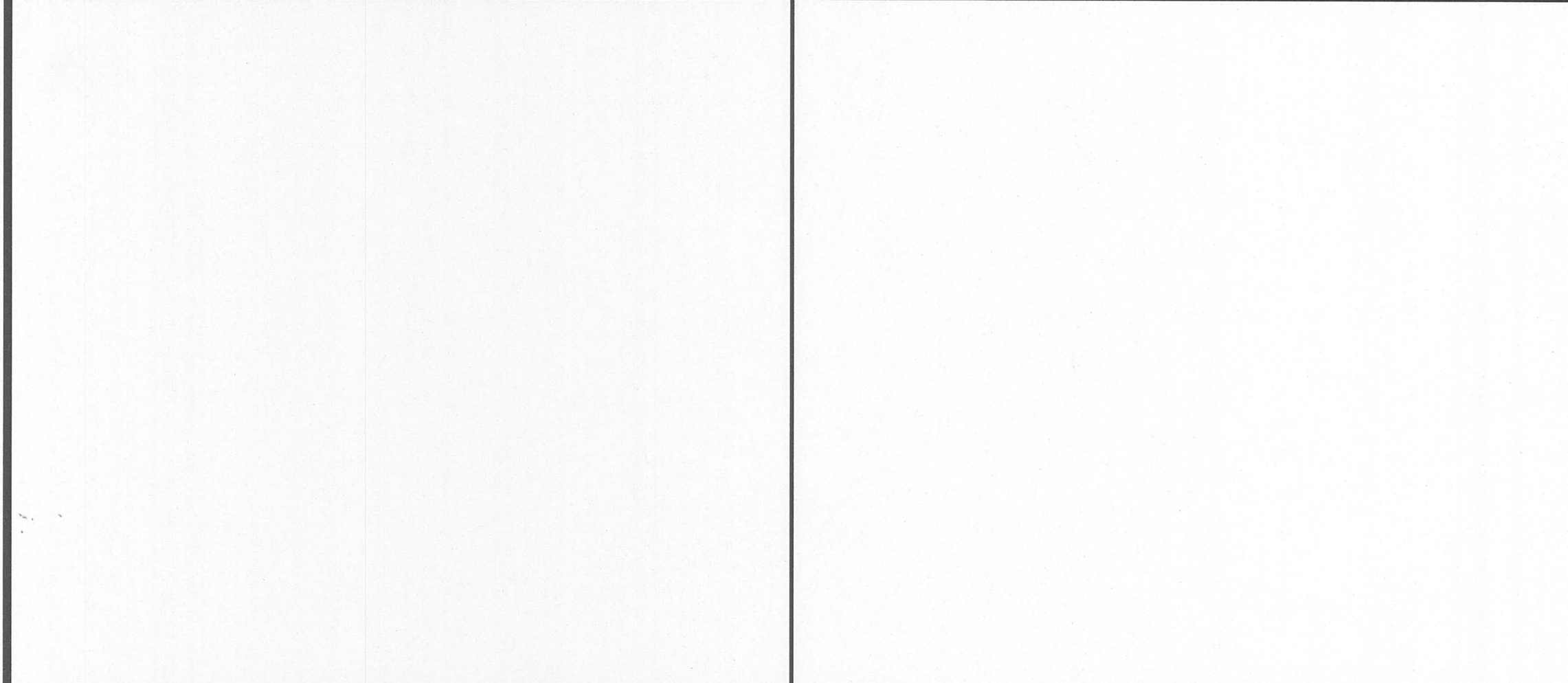
Date

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06/27/2017

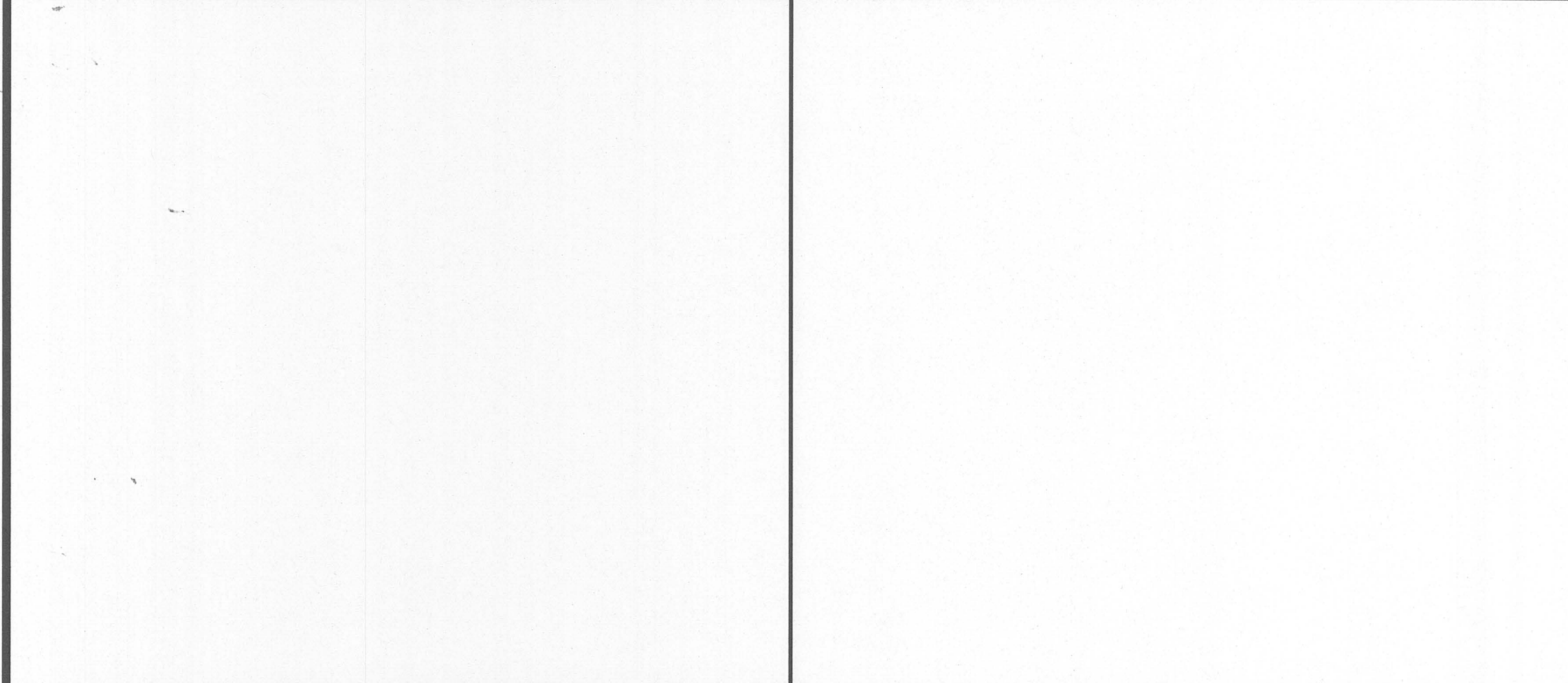
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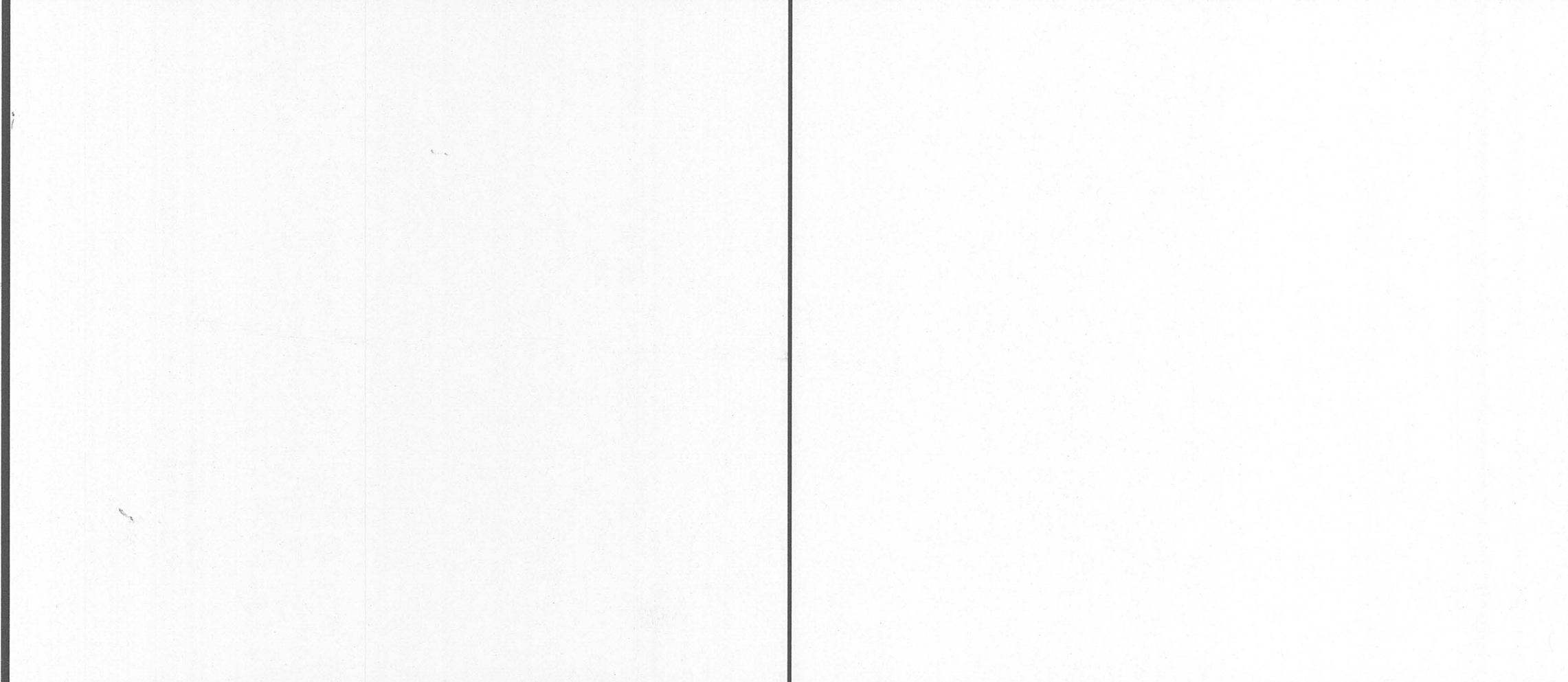
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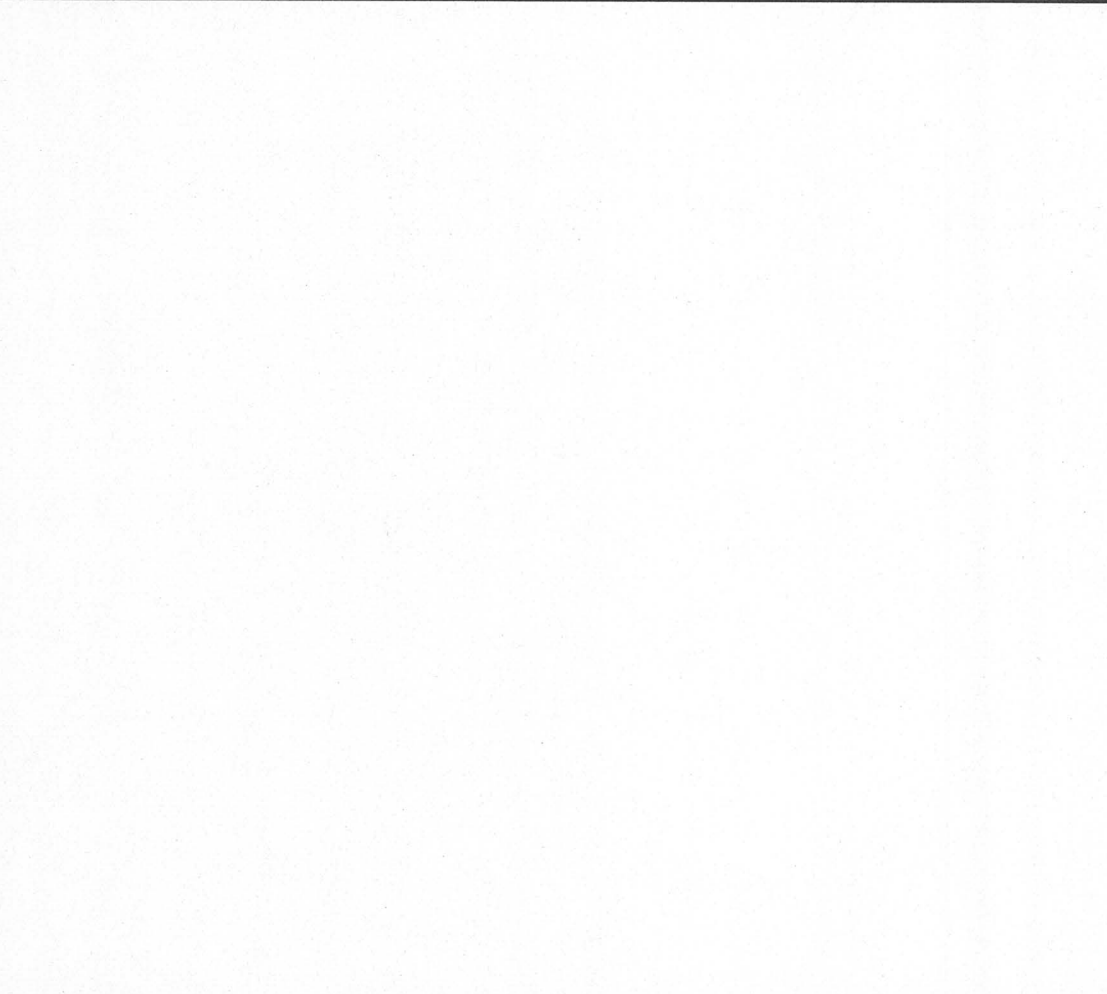
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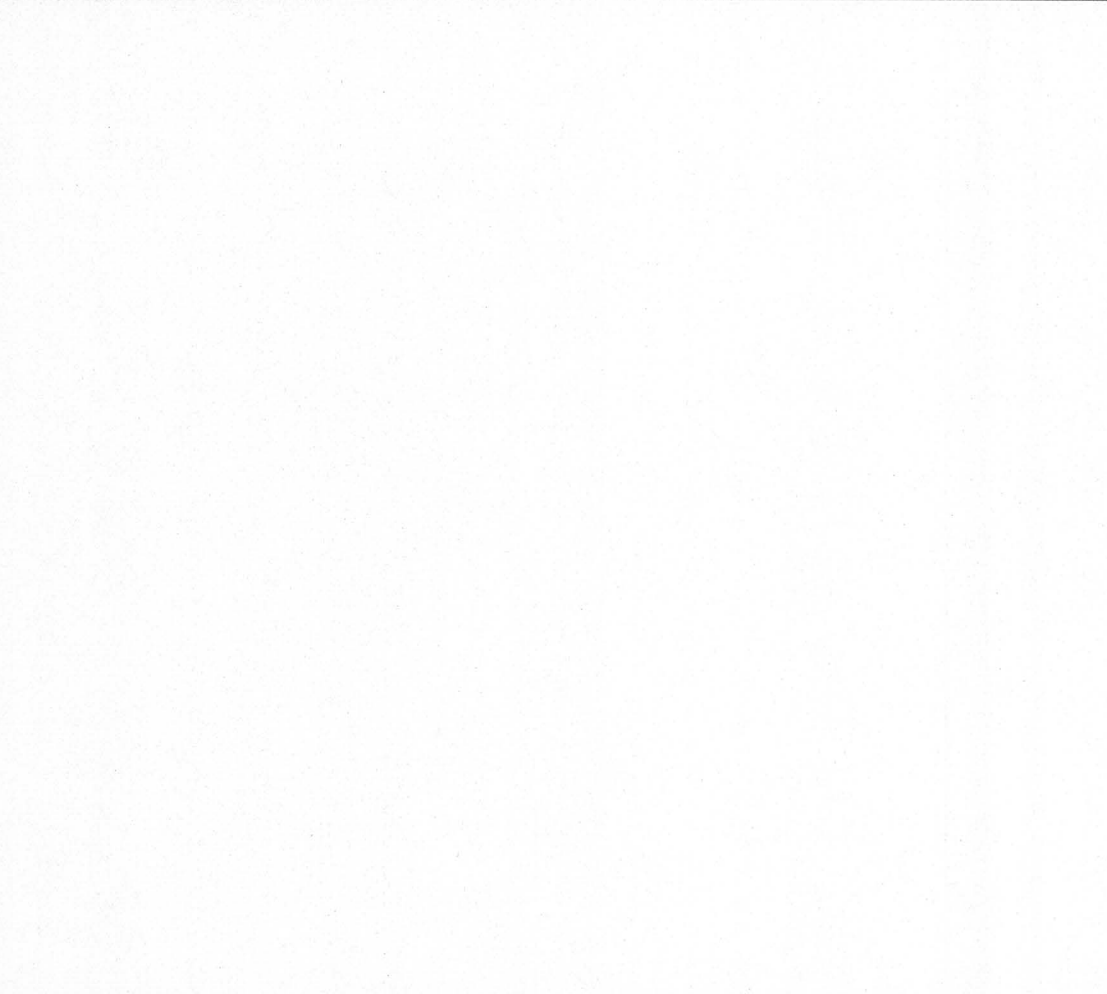
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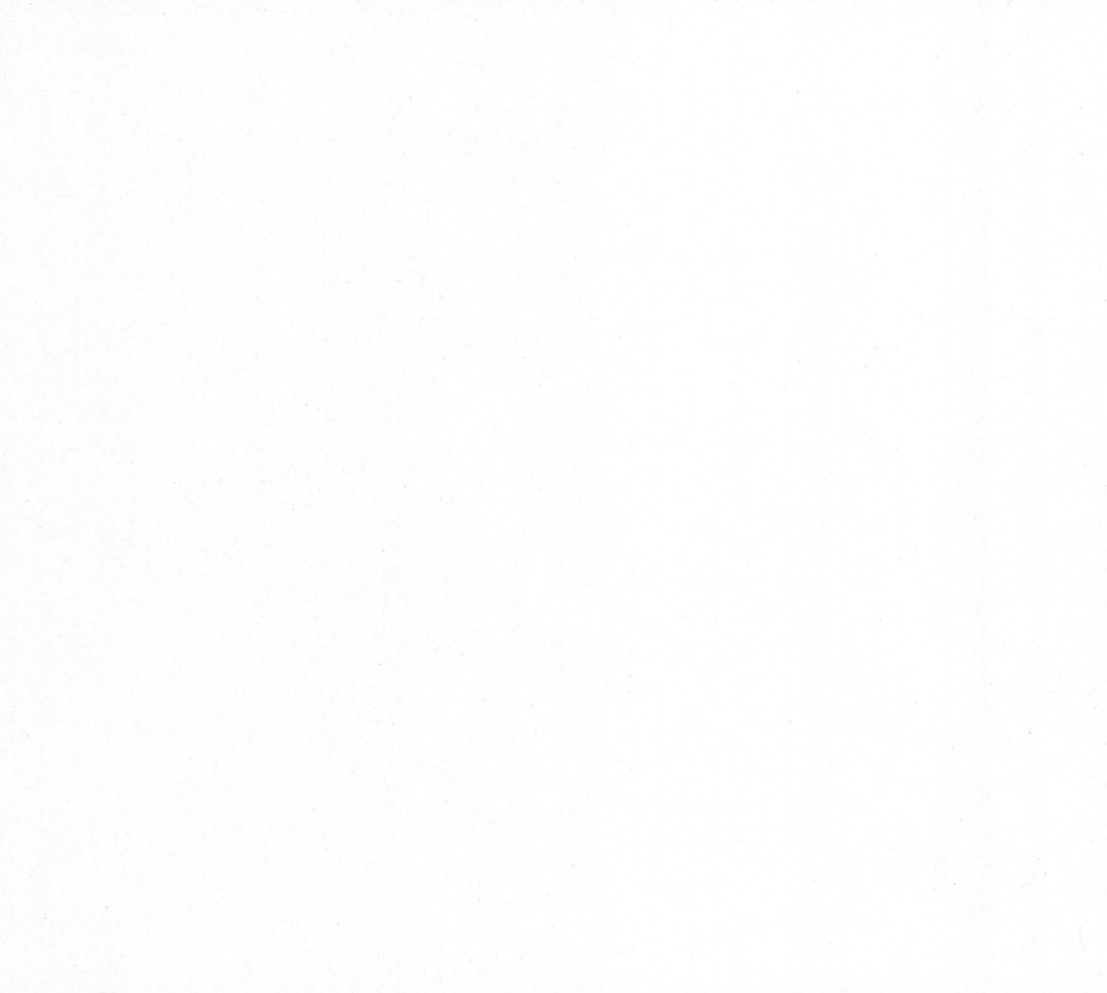
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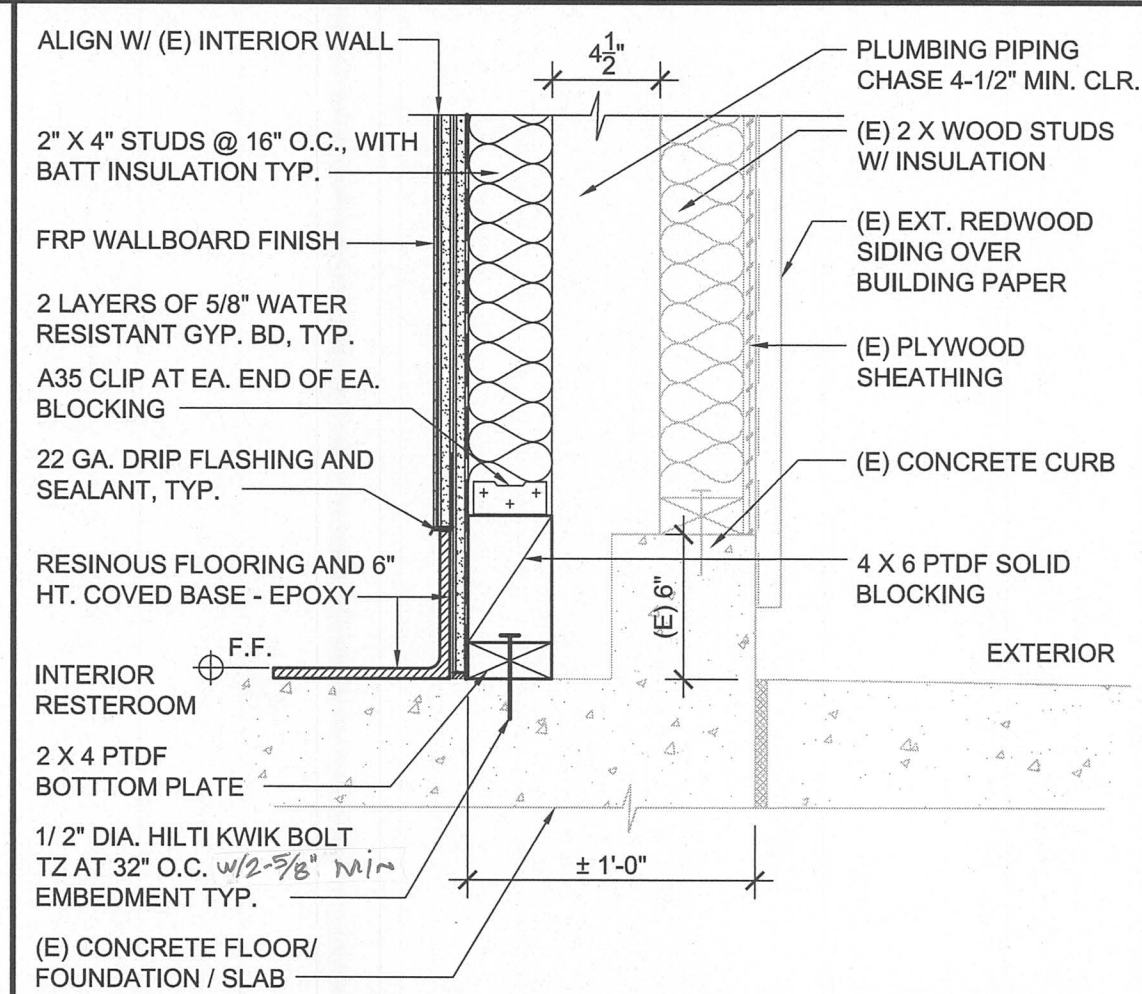
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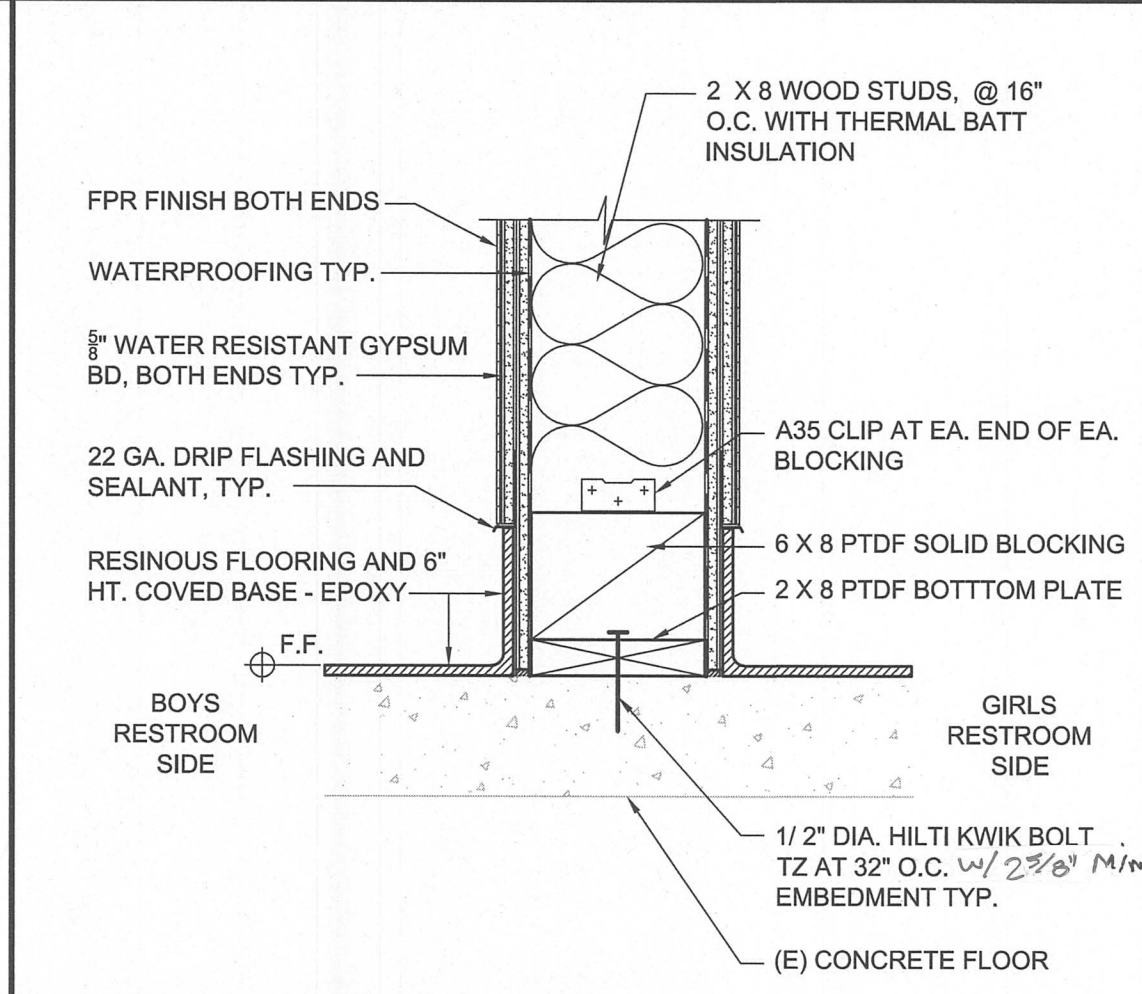
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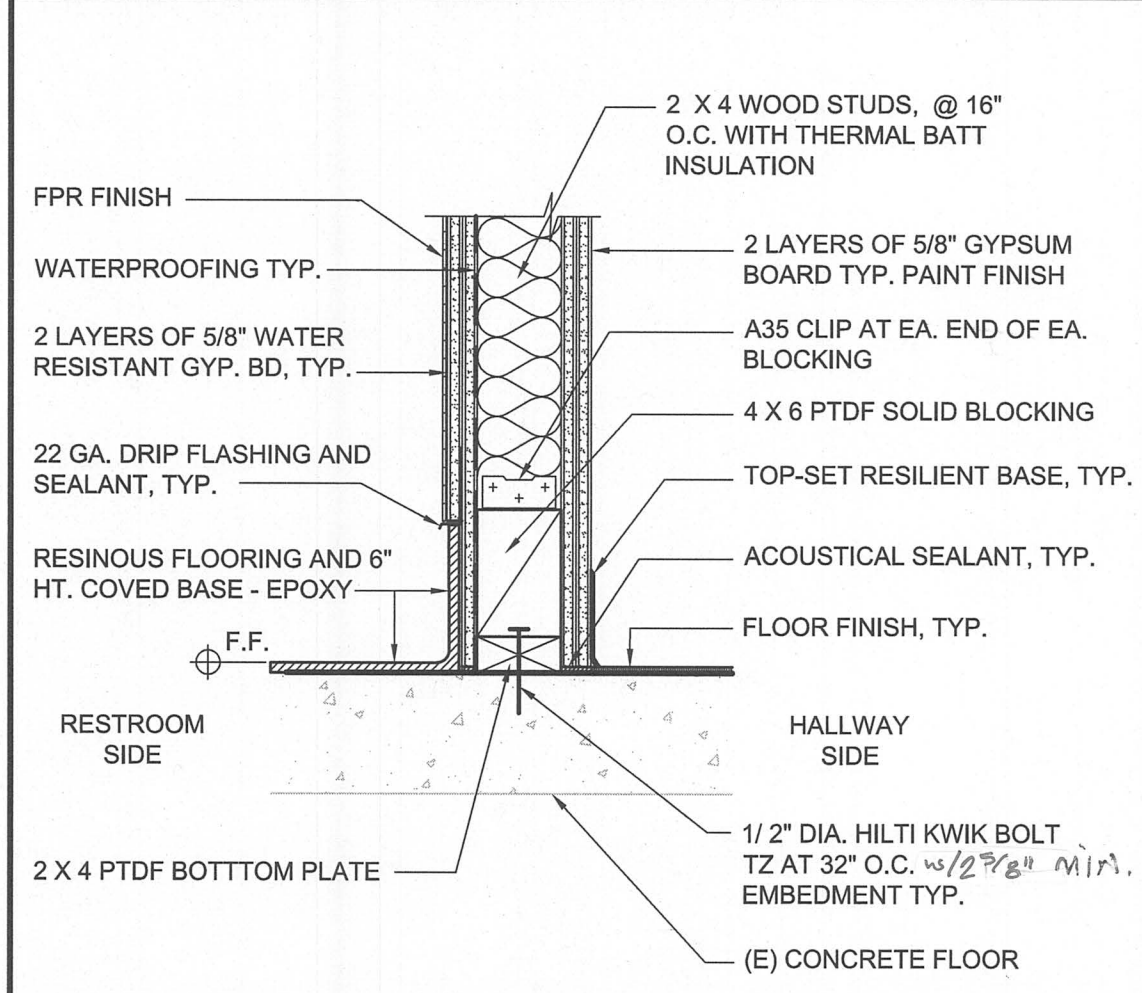
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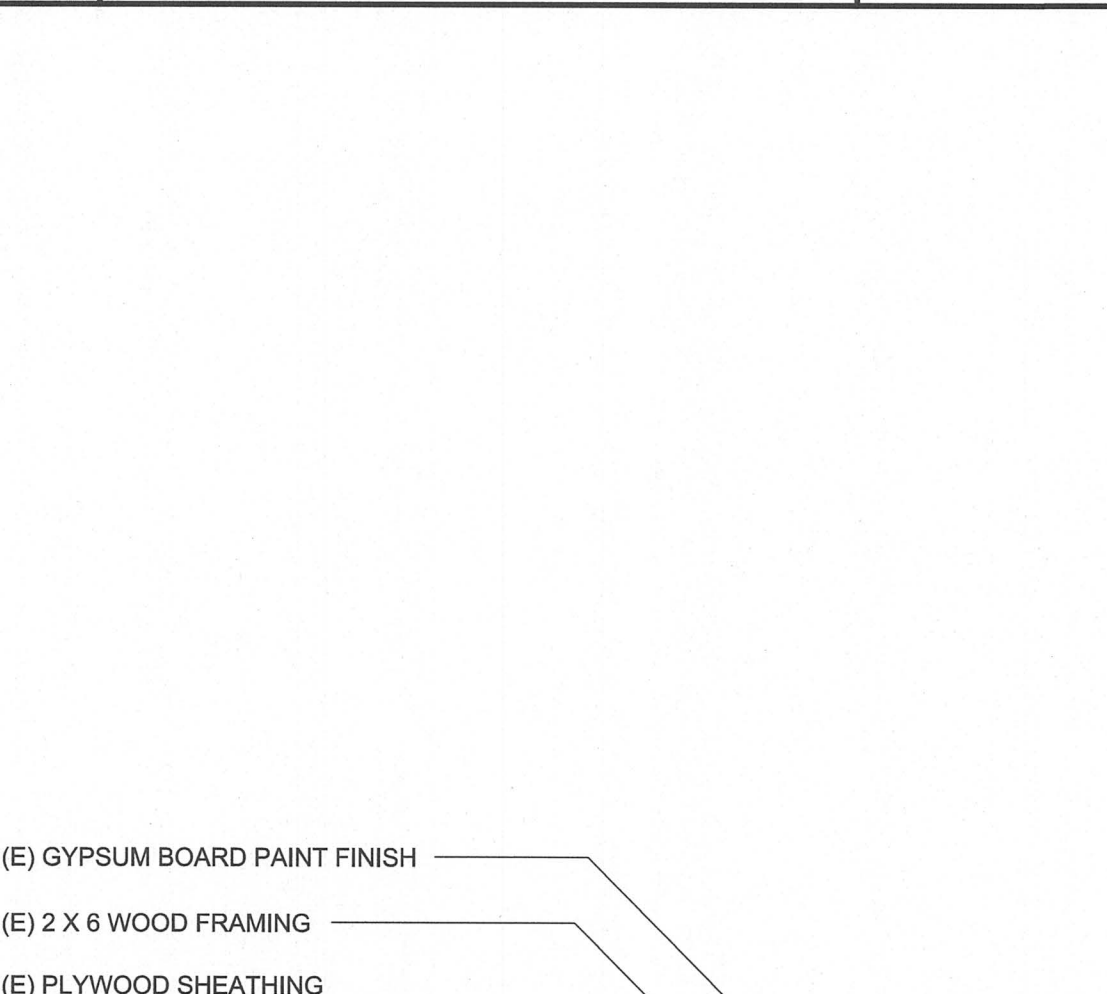
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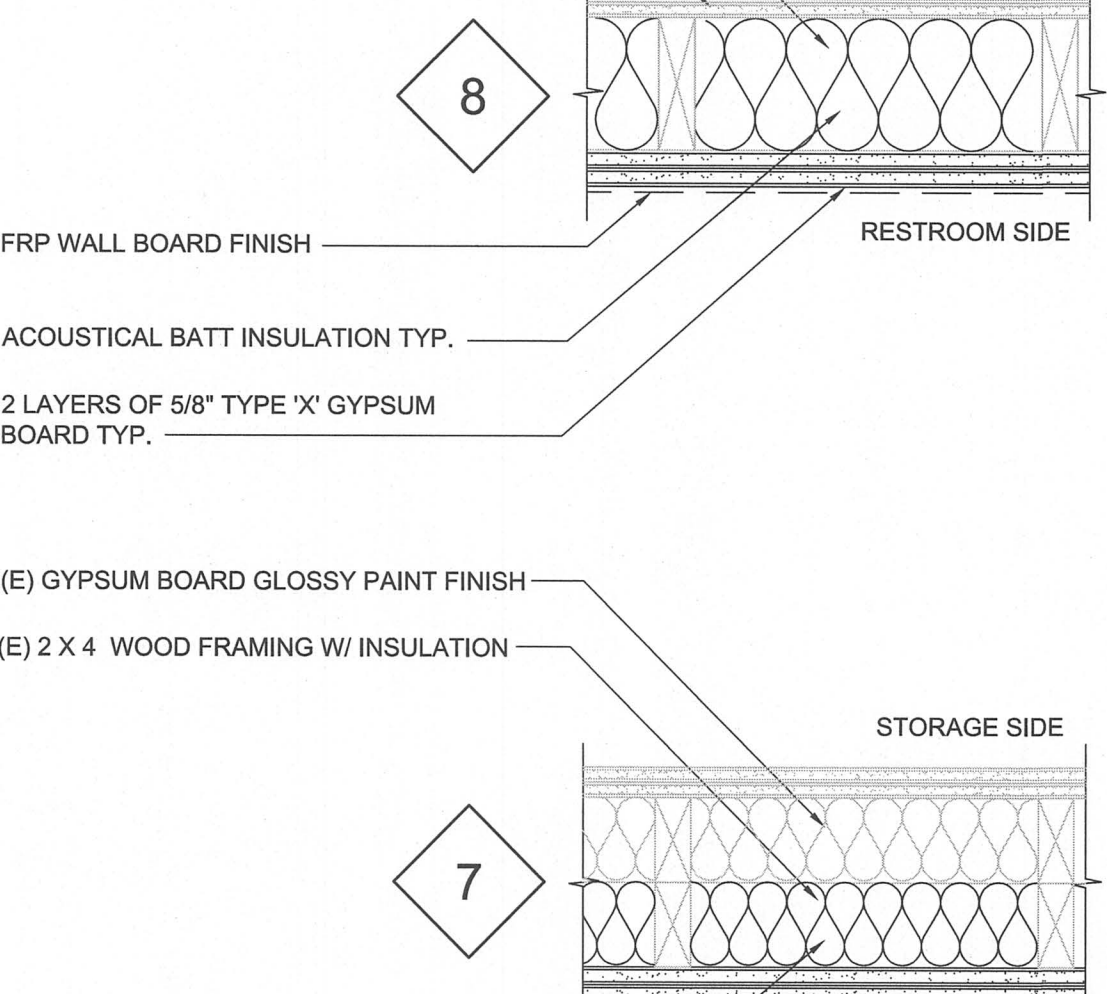
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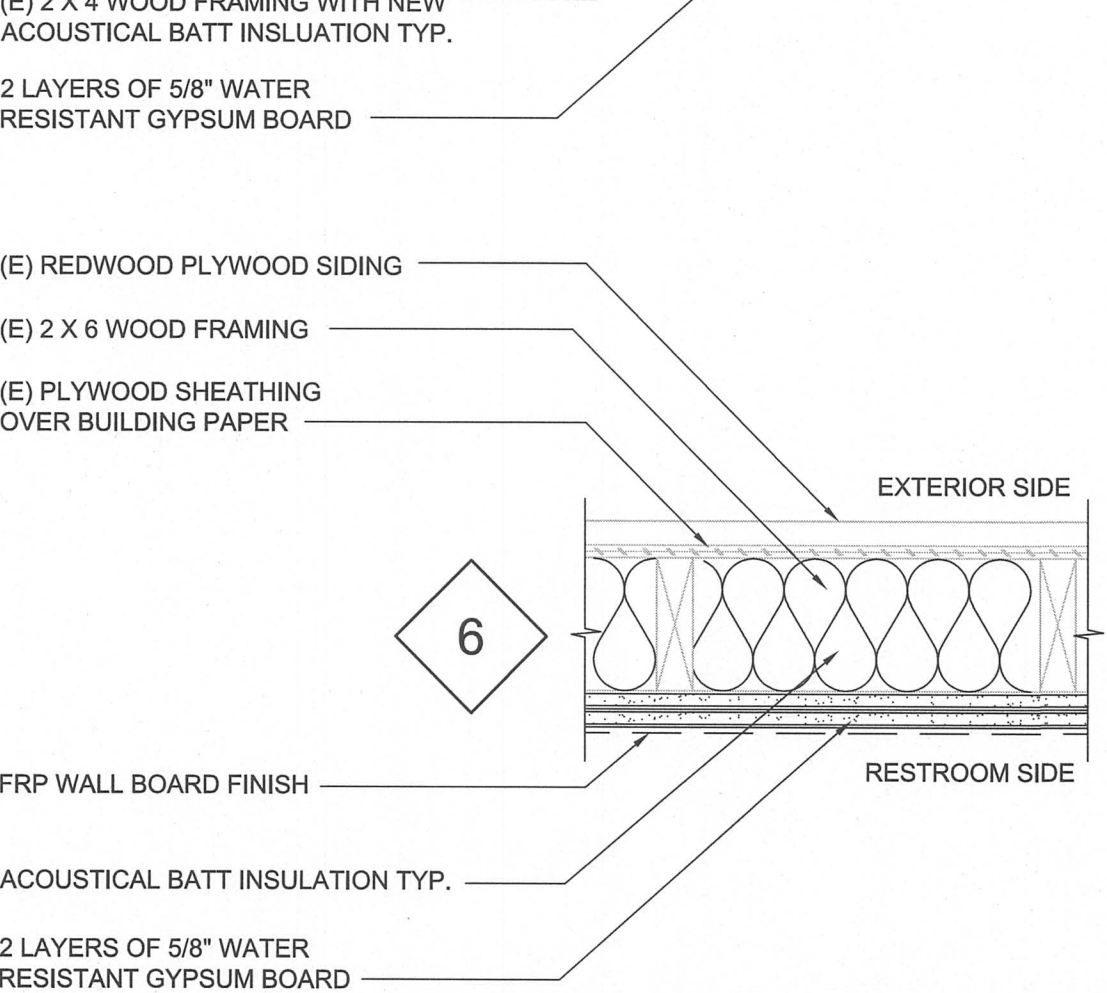
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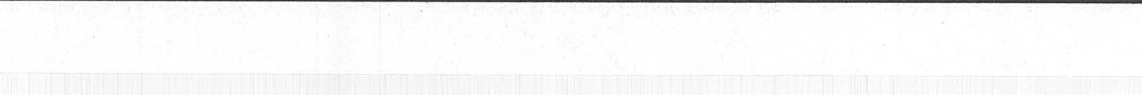
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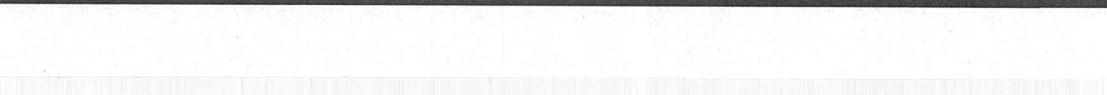
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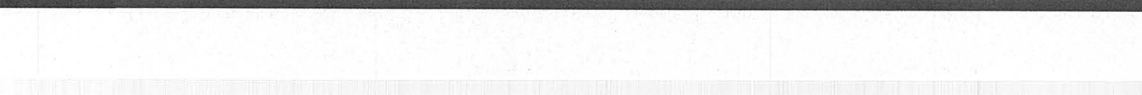
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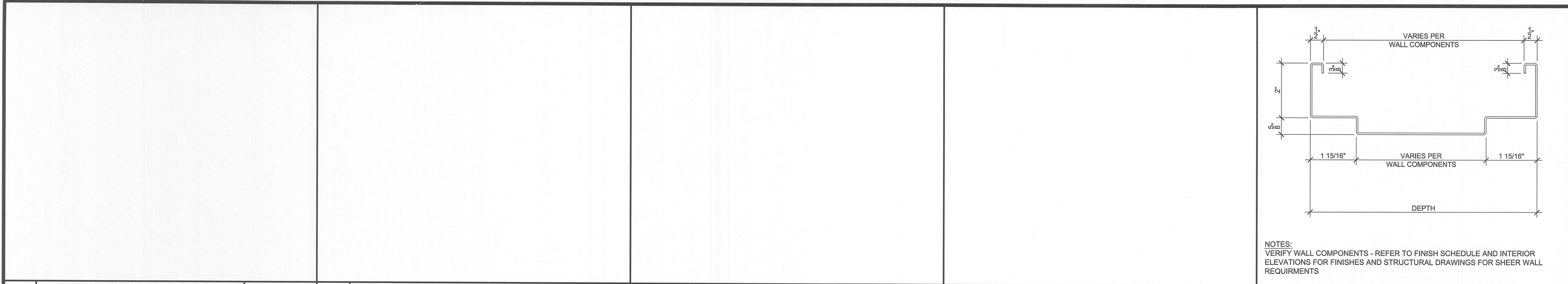


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1



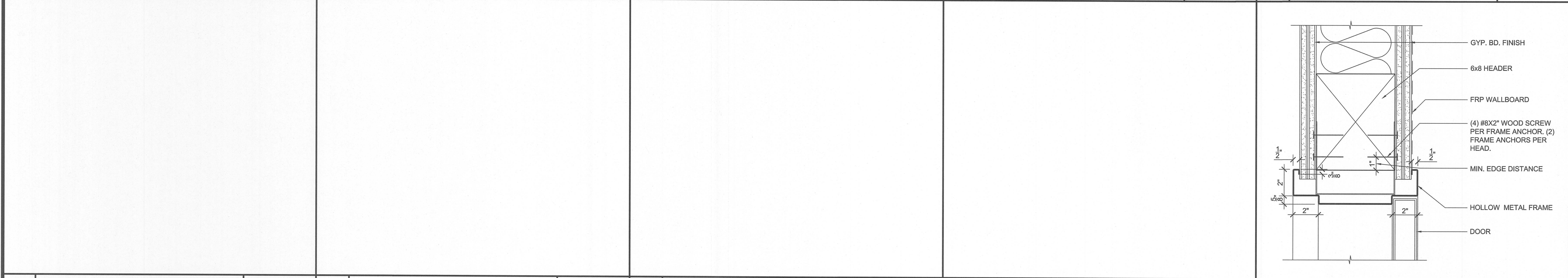


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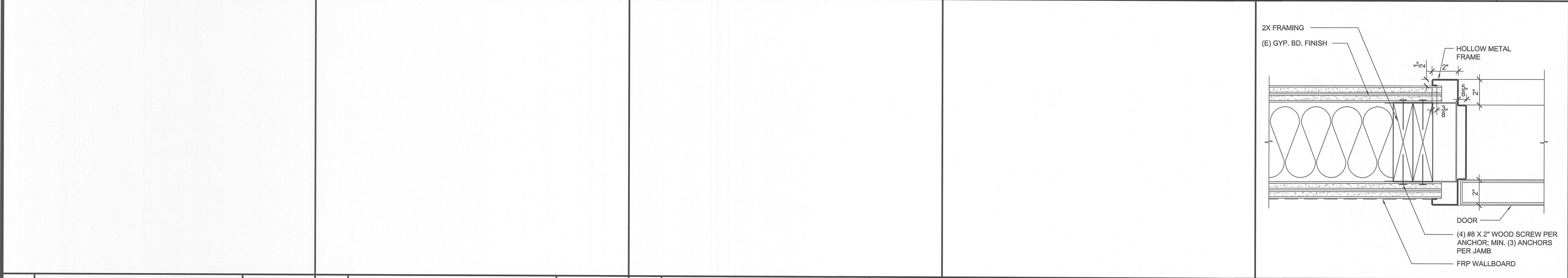
20			16			12			8			4	INTERIOR DOOR FRAME, TYP.	6" = 1'-0"
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Consultant Seal

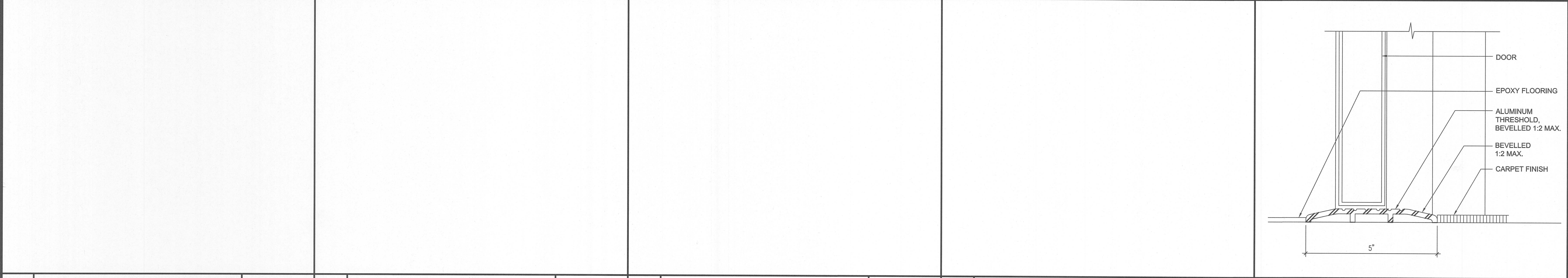
Legend

19			15			11			7			3	HEAD DETAIL - INTERIOR DOOR	3" = 1'-0"
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Key Plan

18			14			10			6			2	JAMB DETAIL - INTERIOR DOOR	3" = 1'-0"
----	--	--	----	--	--	----	--	--	---	--	--	---	-----------------------------	------------



Project Title

SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE
258 SUNOL STREET
SAN JOSE, CA 95126
SANTA CLARA COUNTY
OFFICE OF EDUCATION

17			13			9			5			1	INTERIOR DOOR THRESHOLD	6" = 1'-0"
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No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

DOOR DETAILS

Regulatory Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
01-116854
AC FLS SS KE
DATE SEP 28 2017

Architect Seal

LICENCED ARCHITECT
MARTIN HOCHNOFF
No. C-22312
Exp. 03-31-19
STATE OF CALIFORNIA

File Number

Application Number

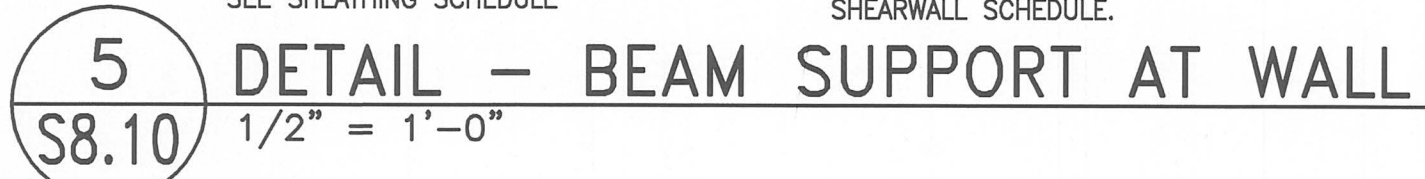
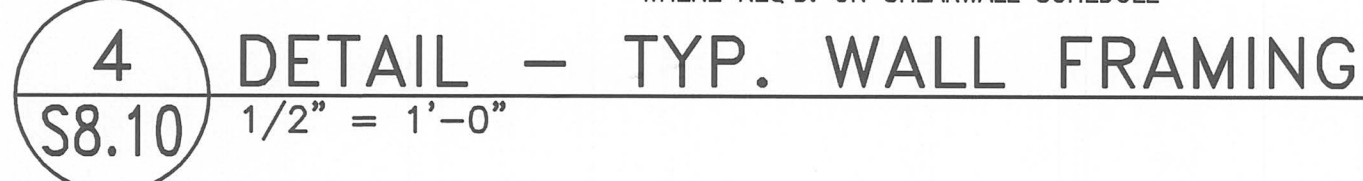
Project No.
06307

Date
06/27/2017

Drawing No

A12.50

S1.0

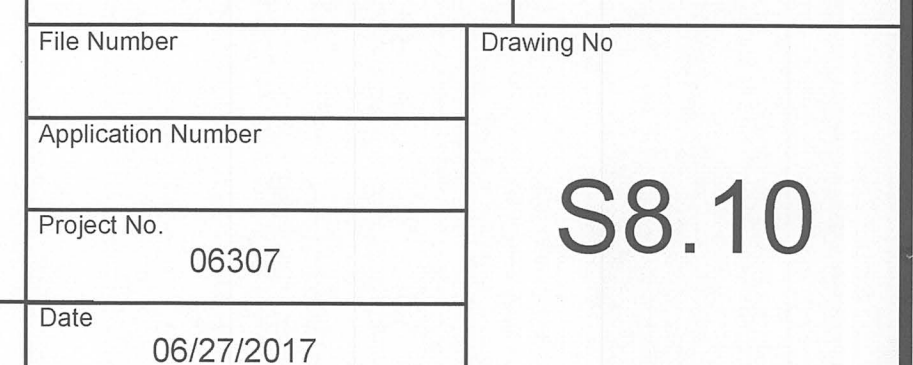


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S8.10

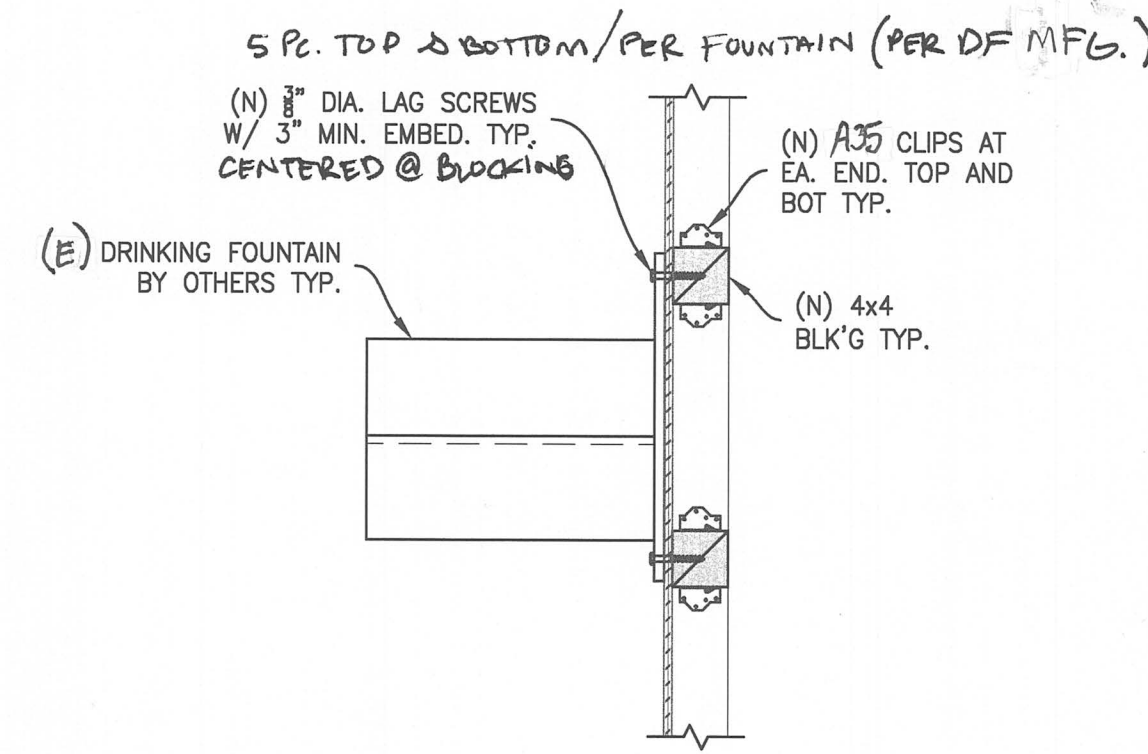
DETAIL - NAILING SCHEDULE
N.T.S.

2 S8.10 DETAIL - STUD SCHEDULE 1" = 1'-0" NON-STRUCTURAL PARTITION WALLS

6 DETAIL – HEADER SCHEDULE S8.10 N.T.S.

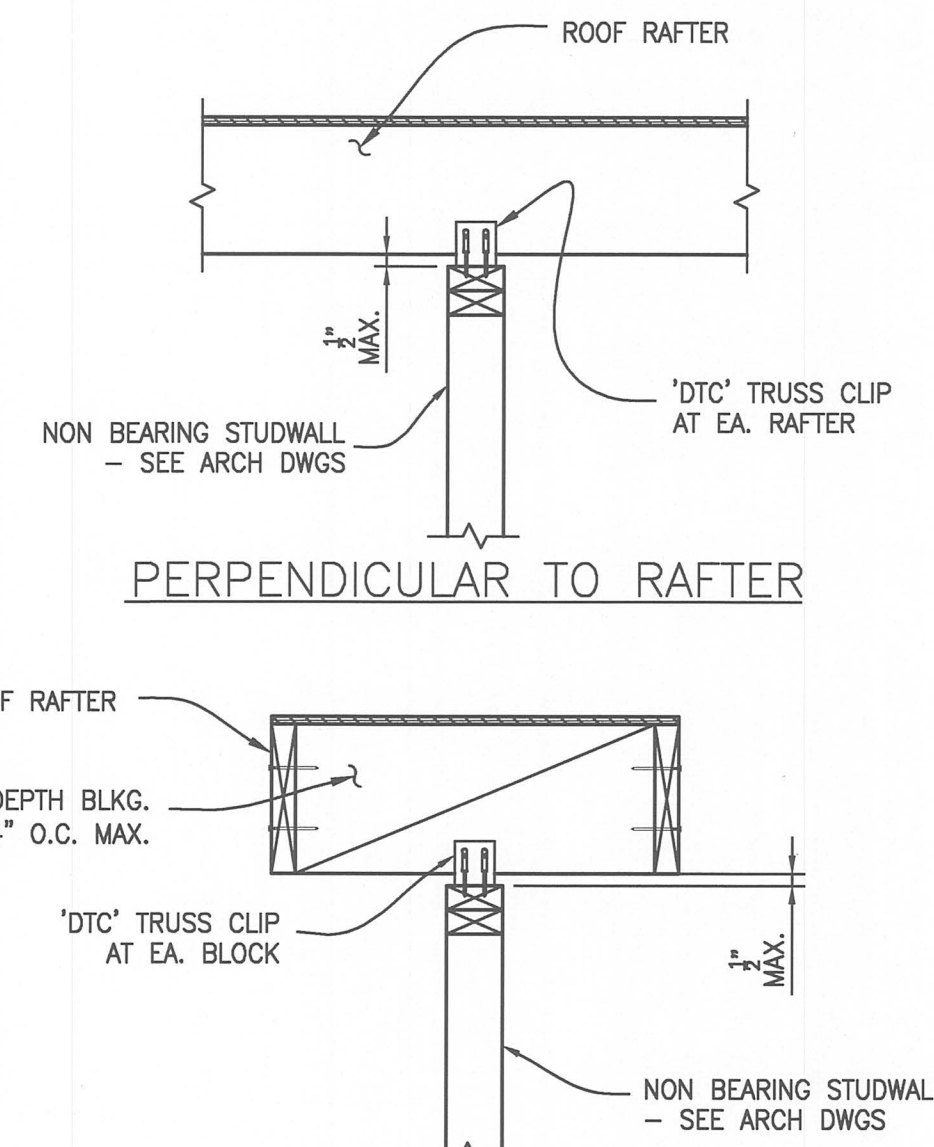


S8.10



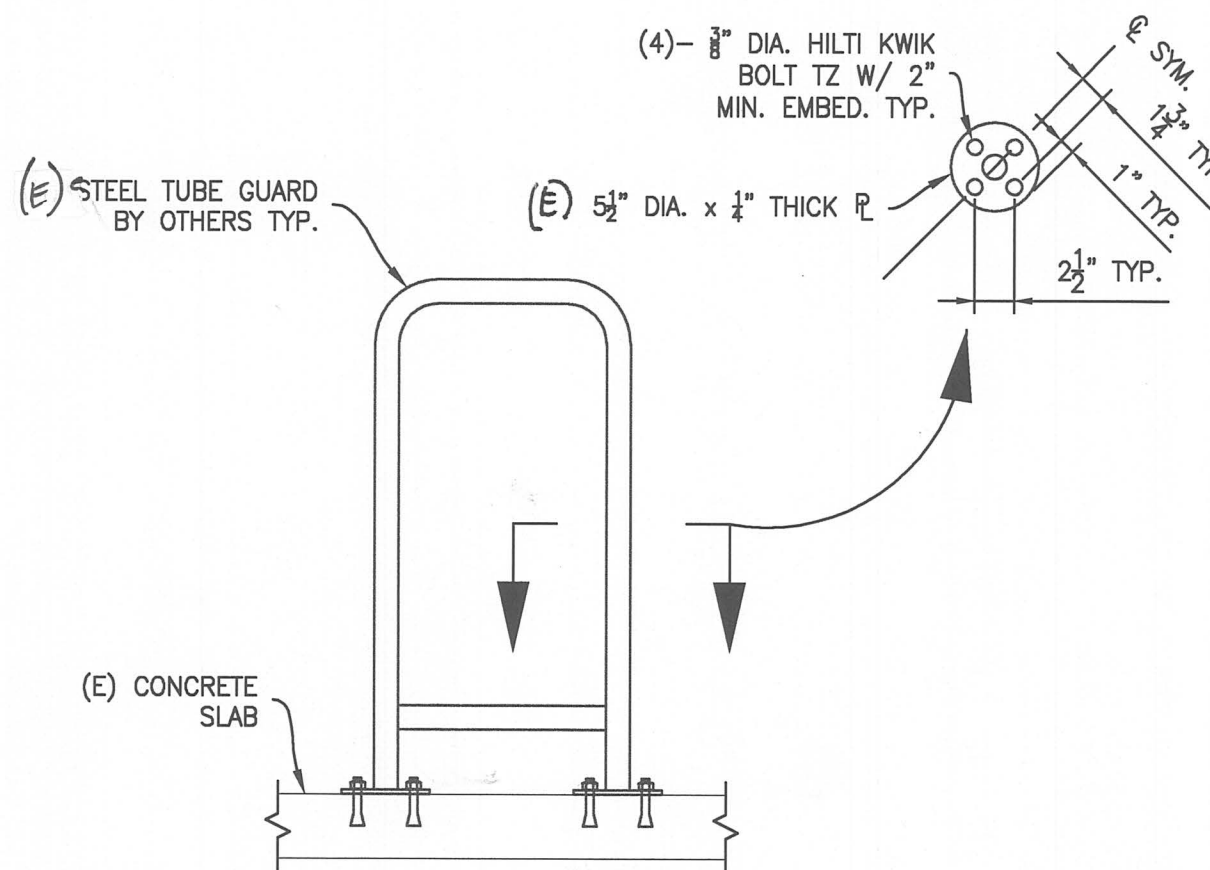
ELEVATION VIEW

4
S8.20
DETAIL - (N) DRINKING FOUNTAIN ANCHORAGE
1" = 1'-0"



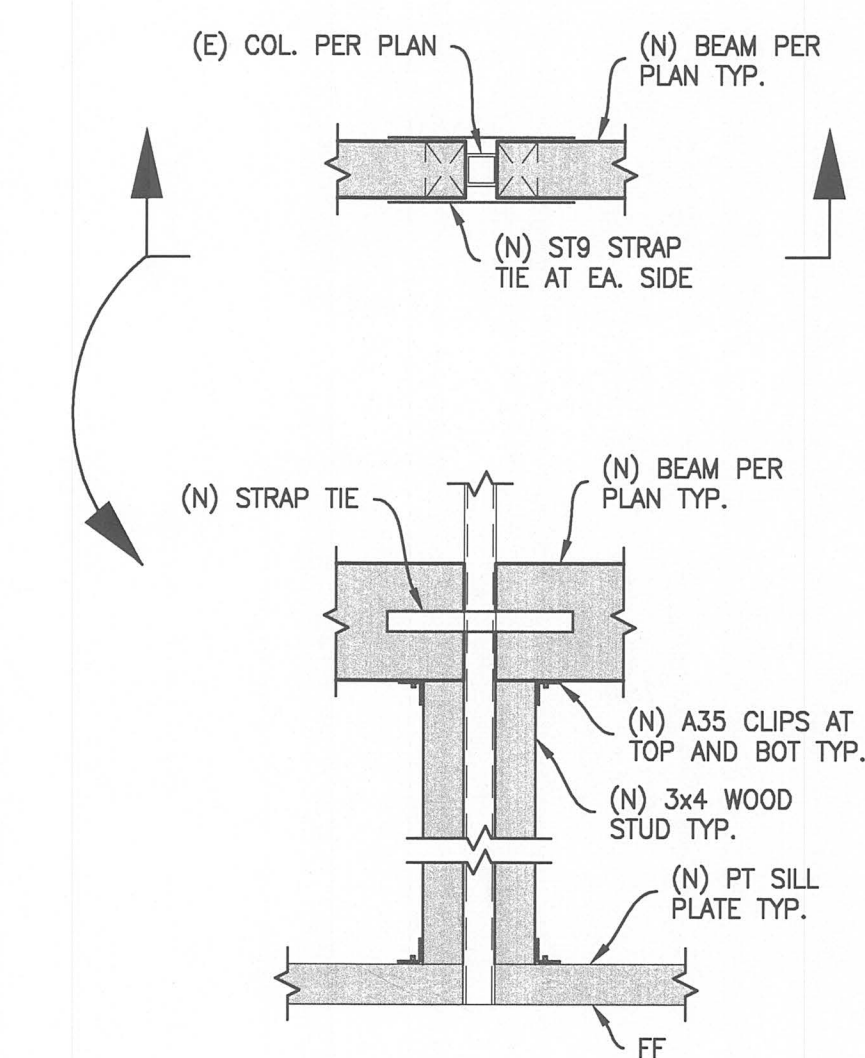
PARALLEL TO RAFTER

1
S8.20
DETAIL - NON-BEARING WALL TO RAFTER CONNECTION
1" = 1'-0"

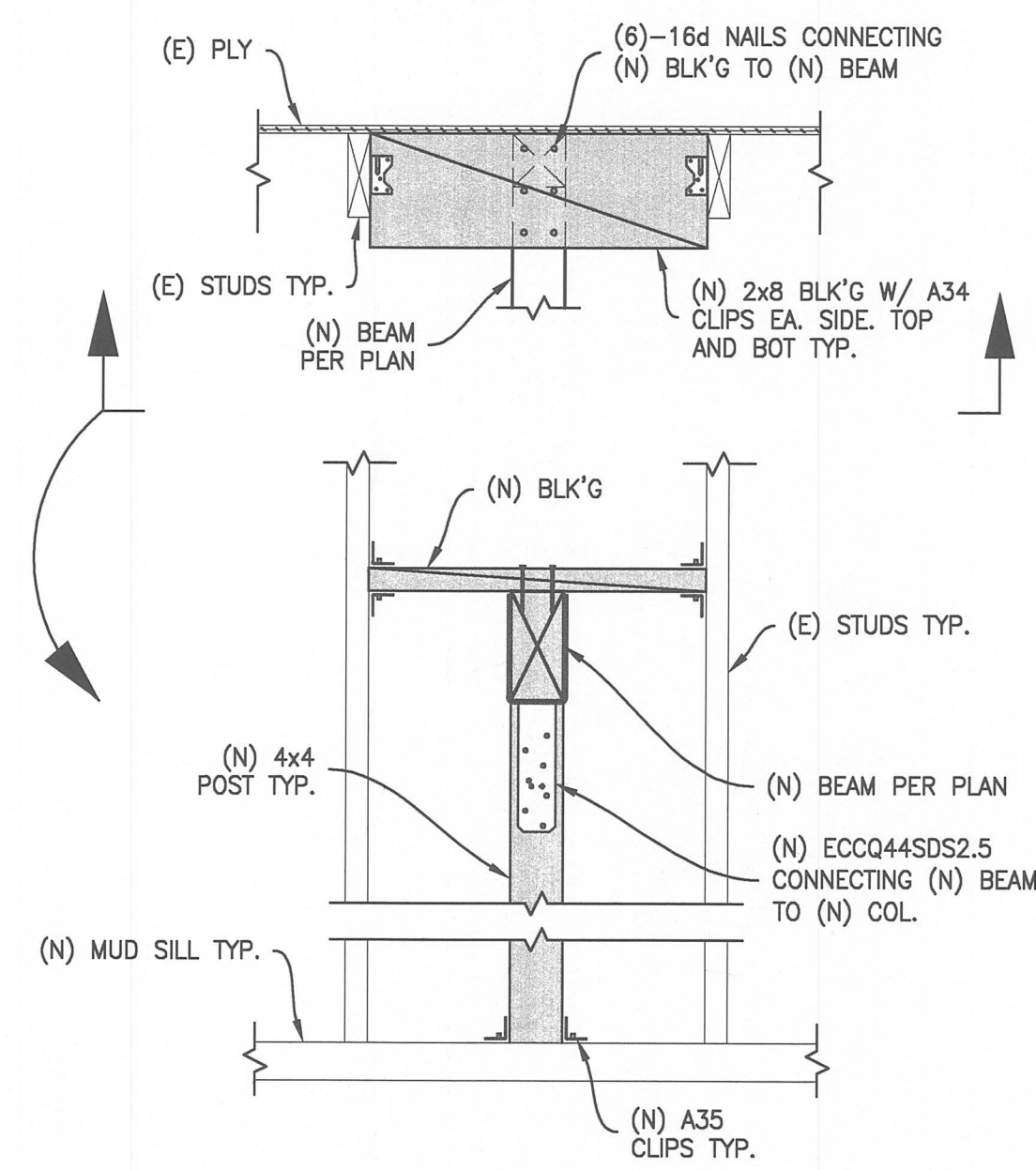


ELEVATION VIEW

5
S8.20
DETAIL - (N) TUBING GUARD ANCHORAGE
1" = 1'-0"



2
S8.20
DETAIL - (N) WOOD BEAM TO (E) STEEL COL.
1" = 1'-0"

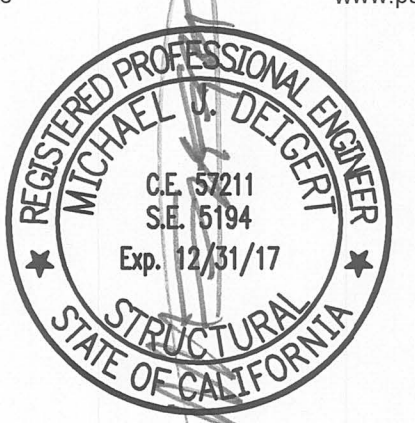


3
S8.20
DETAIL - (N) WOOD BEAM TO (N) WOOD COL.
1" = 1'-0"

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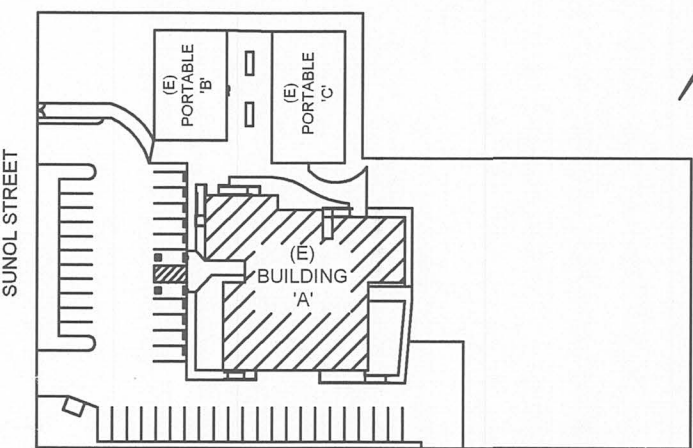
Consultant Seal

PEOPLES ASSOCIATES
STRUCTURAL ENGINEERS
1996 Tarob Court
408-957-9220
Milpitas, CA 95035
www.pase.com



Legend

Key Plan



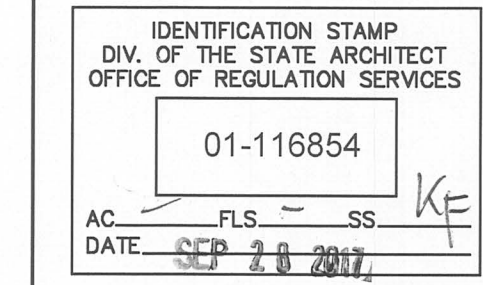
Project Title
**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**
258 SUNOL STREET
SAN JOSE, CA 95126
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

WOOD DETAILS

Regulatory Agency Approval



Architect Seal



File Number

Drawing No

Application Number

Project No.

Date

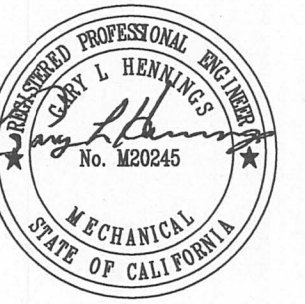
06307

06/27/2017

S8.20

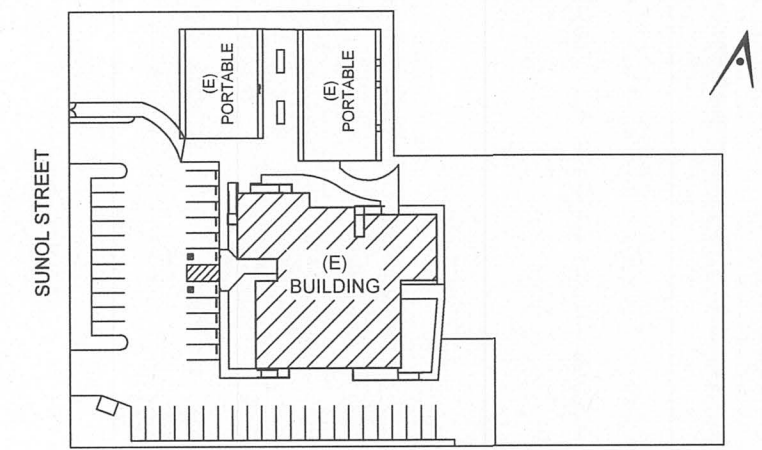
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HM
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8517 Earhart Rd, Suite 230
Oakland, CA 94621
510-569-2000



Legend

Key Plan



Project Title

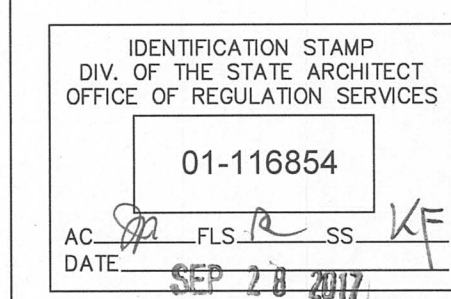
**SUNOL
COMMUNITY SCHOOL
ACCESS & BATHROOMS**
250 SUNOL STREET
SAN JOSE, CA 95126
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	08/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

**PLUMBING AND
MECHANICAL FLOOR
PLAN - DEMO AND NEW**

Regulatory Agency Approval



Architect Seal



File Number

Application Number

Project No.
06307

Date
06/27/2017

Drawing No

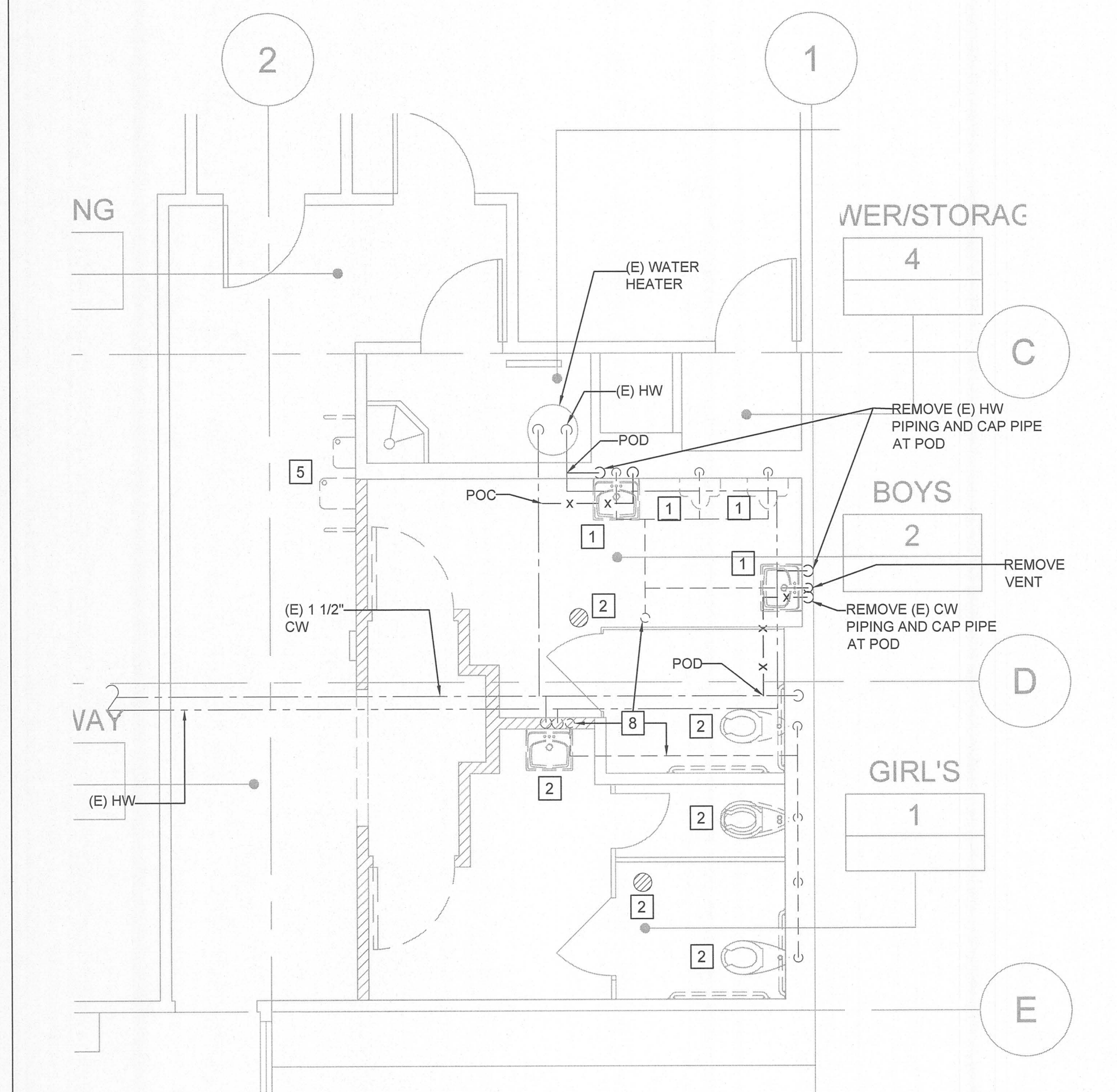
P2.0

DEMO SHEET NOTES:

- 1 REMOVE (E) FIXTURE AND CAP PIPING TO BEHIND WALL.
- 2 REMOVE (E) FIXTURE. CAP PIPING TO BEHIND WALL FOR FUTURE CONNECTION.
- 3 (E) 2" W IN DEMO WALL TO REMAIN FOR RECONNECTION. PROTECT PIPE DURING DEMOLITION.
- 4 (E) TRAP PRIMERS AND ACCESS PANEL IN DEMO WALL TO REMAIN. PROTECT TRAP PRIMERS AND CW PIPING DURING DEMOLITION. INSTALL ACCESS PANEL ON NEW WALL.
- 5 RELOCATE (E) FIXTURE AND CAP PIPING TO CLEAR CONSTRUCTION OF NEW WALL. SEE NEW PLAN DETAIL 2 AND 3 FOR DETAIL.
- 6 (E) UTILITIES TO SHOWER TO REMAIN.
- 7 (E) UTILITIES TO MOP SINK AND DRINKING FOUNTAIN TO REMAIN.
- 8 (E) VENT AND VTR TO REMAIN.

03 PLUMBING UNDER SLAB PLAN - DEMO

1/4"=1'-0"



01 PLUMBING CEILING PLAN - DEMO

1/4"=1'-0"



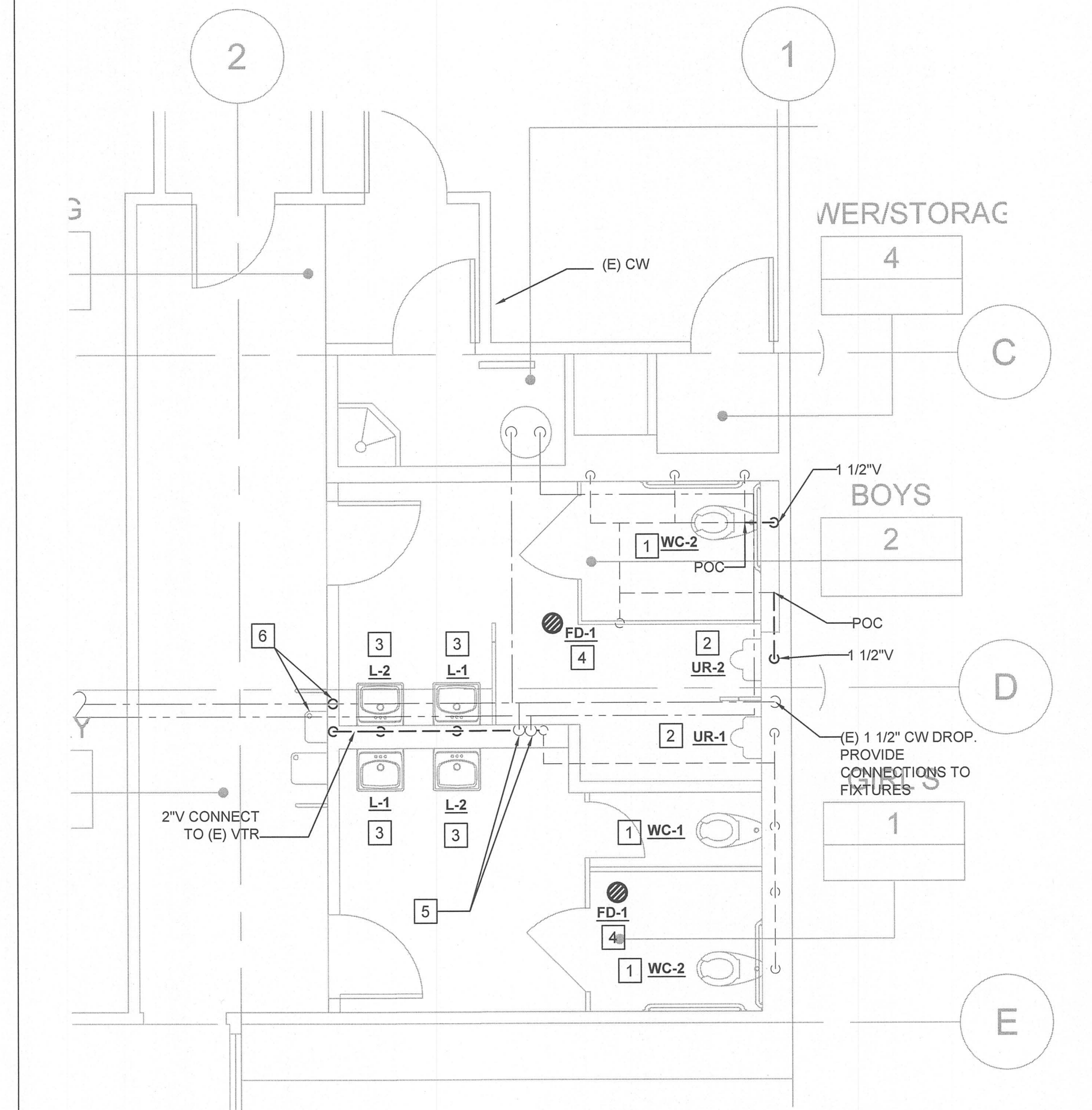
SHEET NOTES:

- 1 INSTALL (N) WATER CLOSET AND VALVE AT LOCATION AS SHOWN ON ARCHITECTURAL DRAWINGS. PROVIDE NEW ROUGH-IN, AND CONNECT TO NEAREST 4"W, 1 1/2"CW AND 2"V OR LARGER PIPING. PIPING TO BE FIELD VERIFIED. SEE GENERAL NOTE 1/P0.1.
- 2 INSTALL (N) URINAL AND FLUSH VALVE AT LOCATION AS SHOWN ON ARCHITECTURAL DRAWINGS. PROVIDE NEW ROUGH-IN, AND CONNECT TO NEAREST 2"W, 3/4"CW AND 2"V OR LARGER PIPING. PIPING TO BE FIELD VERIFIED. SEE GENERAL NOTE 1/P0.1.
- 3 INSTALL (N) LAVATORY AT LOCATION AS SHOWN ON ARCHITECTURAL DRAWINGS. ADJUST PLUMBING PIPING BELOW LAVATORY TO PROVIDE COMPLIANT KNEE AND TOE CLEARANCE. INSULATE PIPING BELOW LAVATORY. PROVIDE NEW ROUGH-IN, AND CONNECT TO NEAREST 2"W, 1/2"CW AND 2"V OR LARGER PIPING. PIPING TO BE FIELD VERIFIED. SEE GENERAL NOTE 1/P0.1.
- 4 PROVIDE (N) FIXTURE AND CONNECT TO (E) 2"W AND (E) 2"V PIPING. PIPING TO BE FIELD VERIFIED. SEE GENERAL NOTE 1/P0.1.
- 5 (E) 3/4" CW AND HW DROP. PROVIDE CONNECTION TO (N) PLUMBING FIXTURES
- 6 INSTALL (E) DRINKING FOUNTAIN AT LOCATION AS SHOWN ON ARCHITECTURAL DRAWINGS. PROVIDE 3/4" CW PIPE TO DF.

THE UNDER GROUND WASTE PIPING INDICATED ON THE DRAWINGS WAS SCANNED BY A PLUMBING CONTRACTOR. SKETCH WILL BE AVAILABLE FOR REVIEW UPON REQUEST.

04 PLUMBING UNDER SLAB PLAN

1/4"=1'-0"



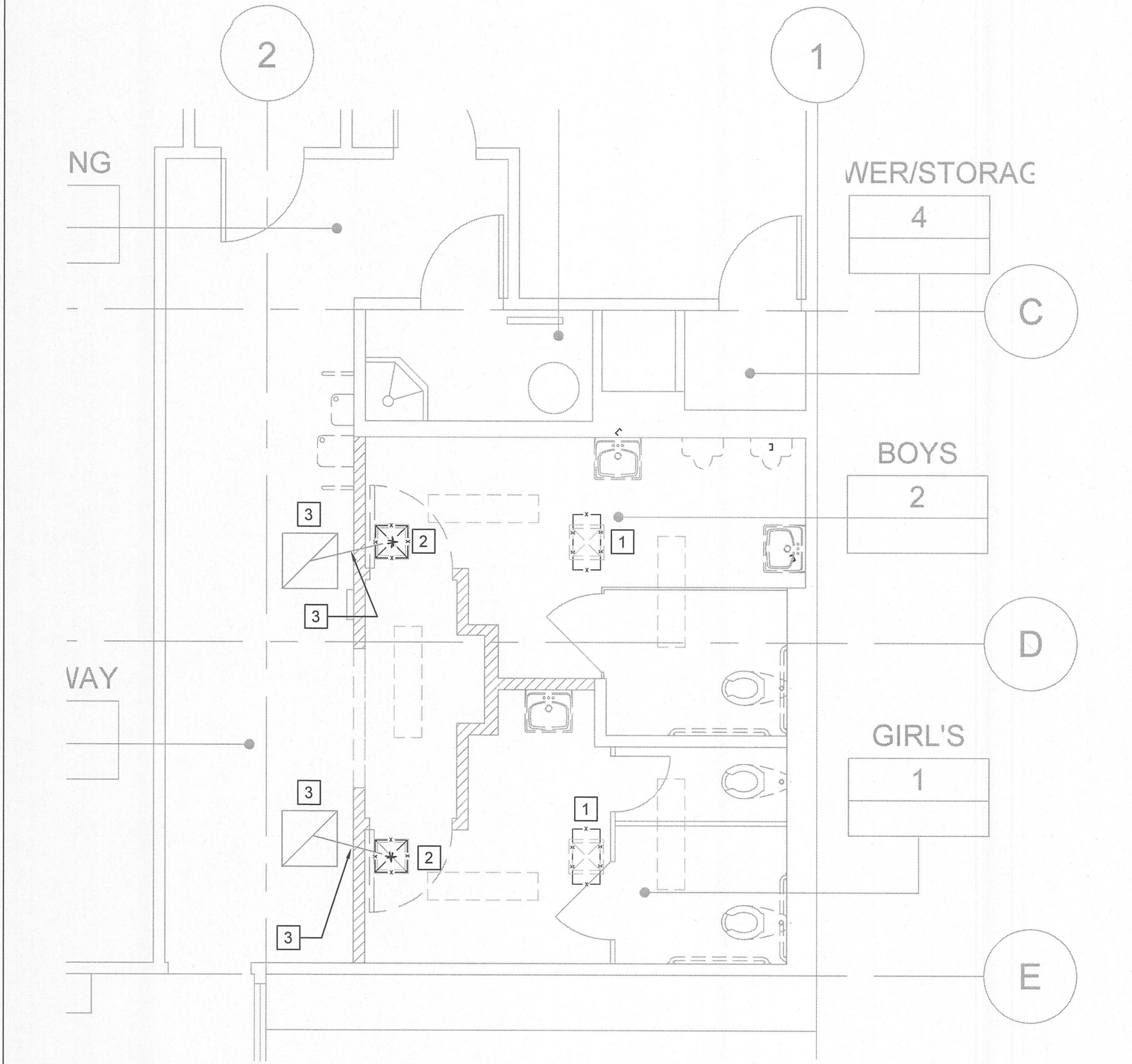
02 PLUMBING CEILING PLAN

1/4"=1'-0"



DEMO SHEET NOTES:

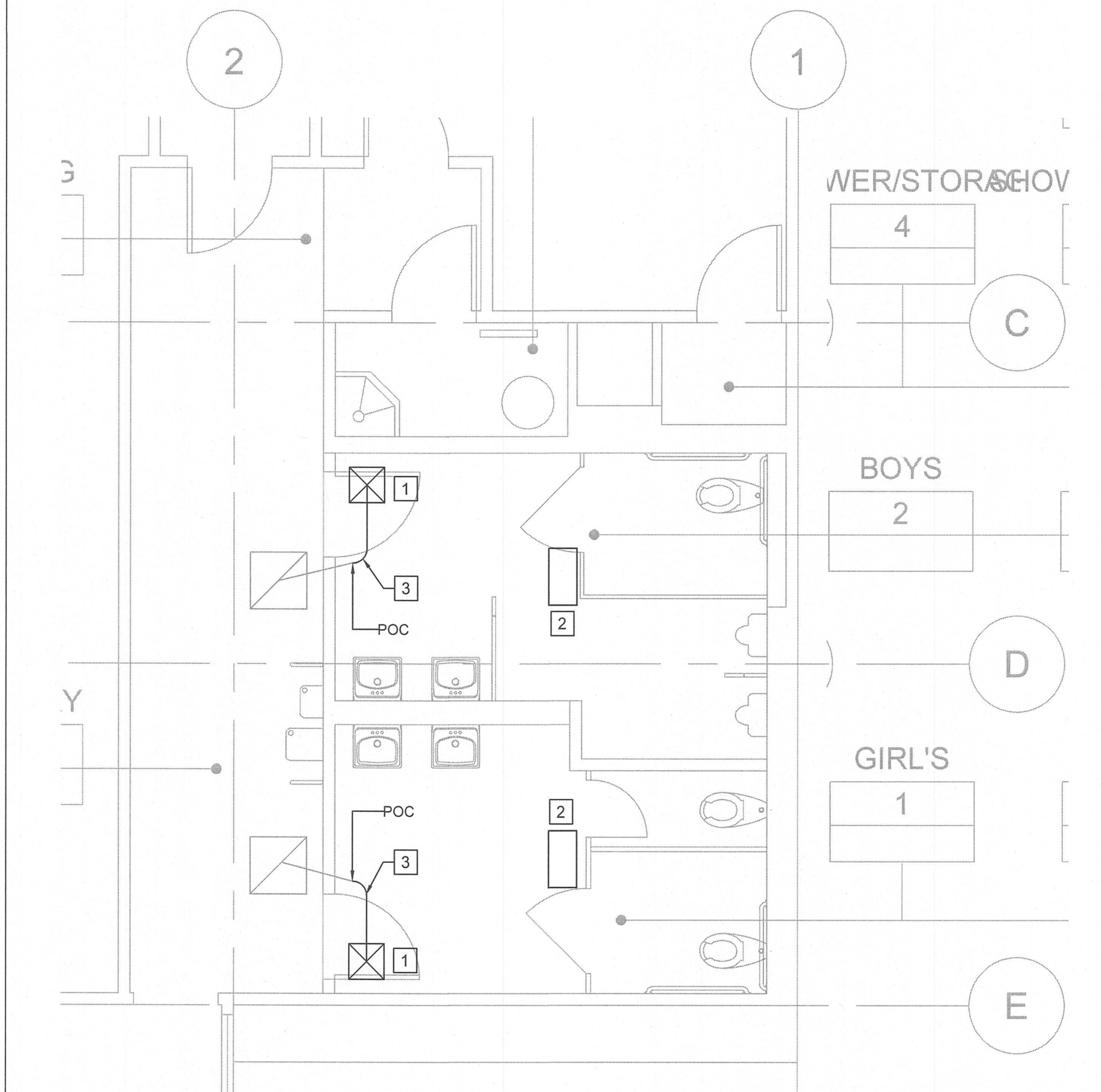
- 1
- RELOCATE (E) CEILING EXHAUST FAN AS SHOWN ON ARCHITECTURAL CEILING PLAN. EXTEND EXHAUST DUCTWORK AND CONNECTION TO FAN.
- 2
- REMOVE (E) CEILING EXHAUST REGISTER FOR CLEANING. REINSTALL AT LOCATION AS INDICATED ON THE ARCHITECTURAL CEILING PLAN AFTER THE NEW CEILING INSTALLATION IS COMPLETED.
- 3
- (E) FLEXIBLE DUCTWORK AND CEILING DIFFUSER IN CORRIDOR TO REMAIN



03 MECHANICAL CEILING PLAN - DEMO 1/4"=1'-0"

SHEET NOTES:

- 1
- RELOCATED (E) TRANSFER AIR CEILING REGISTER.
- 2
- RELOCATED (E) CEILING EXHAUST FAN. EXTEND DUCTWORK AND CONNECT TO FAN.
- 3
- INSTALL NEW 10" FLEXIBLE DUCTWORK AND CONNECT TO DIFFUSERS.



04 MECHANICAL CEILING PLAN 1/4"=1'-0"

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Consultant Seal

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510-569-2000

Legend

Key Plan

Project Title

SUNOL
COMMUNITY SCHOOL
ACCESS & BATHROOMS
250 SUNOL STREET
SAN JOSE, CA 95126
SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

MECHANICAL CEILING
DEMO AND NEW PLAN

Regulatory Agency Approval

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
01-116854
AC DATE SEP 28 2017

Architect Seal

File Number

Application Number

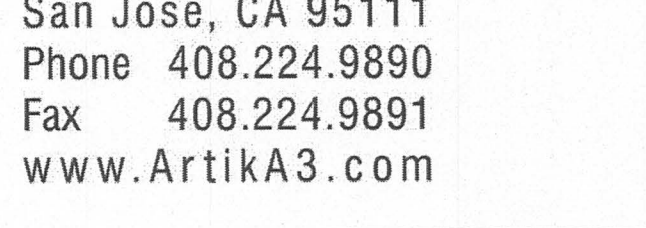
Project No.
06307

Date
06/27/2017

Drawing No


M2.0

GENERAL NOTES		GENERAL NOTES (CONTINUATION)		DRAWING INDEX	
<div>1. THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE CALIFORNIA ELECTRICAL CODE, SPECIFICATIONS AND STANDARD, THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDERS ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, THE NATIONAL BOARD OF FIRE UNDERWRITERS AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.</div> <div>2. PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS. VISIT CONSTRUCTION SITE AND ATTEND THE PRE-BID MEETING TO BE FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANYWAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.</div> <div>3. THIS CONTRACTOR SHALL INCLUDE ALL CONTINGENCIES WHICH MAY ARISE AND WHICH MAY BE REQUIRED BY ALTERATION AND DEMOLITION WORK. THIS IS TO INCLUDE ALL REMOVAL, RELOCATION AND REWORKING OF ELECTRICAL OUTLETS, CONDUITS, WIRING AND ITEMS FOR ELECTRICAL EQUIPMENT REQUIRED AND ANY NECESSARY SPLICING OR EXTENSION OF EXISTING CONDUIT AND WIRING SYSTEMS. THE ELECTRICAL CONTRACTOR SHALL VISIT JOB SITE AND DETERMINE EXTENT OF THE WORK.</div> <div>4. FIELD VERIFY TO CONFIRM ALL FIRE RESISTIVE CEILINGS AND WALLS. PROVIDE FIRE STOP SEALS PER UNIFORM BUILDING CODE FOR CONDUIT PENETRATION THROUGH FIRE RESISTIVE FLOORS, WALLS AND CEILINGS.</div> <div>5. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES AND BEAR THEIR LABEL.</div> <div>6. CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES. ALL EXPOSED CONDUIT, BOXES, FITTINGS, SUPPORT, ETC. SHALL BE PAINTED TO MATCH ADJACENT SURFACES.</div> <div>7. THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL AND OTHER DRAWINGS RELATED TO THIS PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.</div> <div>8. THE OWNER RETAINS FIRST SALVAGE RIGHTS TO ALL EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE OWNER FOR DISPOSITION OF THE EXISTING EQUIPMENT TO BE REMOVED BY HIM. THE CONTRACTOR SHALL INCLUDE IN HIS BID PROPOSAL ALL COSTS RELATED TO THE DISPOSAL OF EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT.</div> <div>9. ANY POWER SHUTDOWN SHALL BE COORDINATED WITH SCHOOL DISTRICT CONSTRUCTION COORDINATOR. A SHUTDOWN SCHEDULE SHALL BE PRESENTED TO SCHOOL DISTRICT FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN SHALL BE PERFORMED IN OVERTIME HOURS IF SO DIRECTED BY SCHOOL DISTRICT.</div> <div>10. ALL FEEDER AND BRANCH CIRCUIT CONDUITS SHALL BE INSTALLED CONCEALED IN FINISHED AREA, UNLESS OTHERWISE NOTED. CUT AND PATCH (E) WALL OR CEILING AS REQUIRED. SURFACE TYPE RACEWAY MAY BE PROVIDE IN LIEU OF CONCEALED CONDUITS. SEE NOTES 34, 35 AND 36 FOR REQUIREMENTS.</div> <div>11. ALL PENETRATIONS THROUGH FIRE RESISTIVE WALLS SHALL BE TOTALLY SEALED TO PREVENT THE SPREAD OF SMOKE, FIRE, TOXIC GASES, AND WATER THROUGH THE PENETRATION BEFORE, DURING AND AFTER A FIRE CONDITION. THE FIRE RATING OF THE SEALED PENETRATION SHALL BE AT LEAST THAT OF THE WALL INTO WHICH IT IS INSTALLED. THE SEAL SHALL PERMIT THE VIBRATION, EXPANSION AND/OR CONTRACTION OF THE CONDUIT PASSING THROUGH THE PENETRATION WITHOUT THE SEAL CRACKING OR CRUMBLING.</div> <div>12. PROVIDE FLEXIBLE CONDUIT AT BUILDING SEISMIC JOINTS.</div> <div>13. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE 12 AWG THWN STRANDED COPPER ONLY.</div> <div>14. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4".</div> <div>15. GREEN INSULATED GROUND CONDUCTORS SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT WIRING.</div> <div>16. PROVIDE LABELS ON ALL EQUIPMENT AND DEVICES. LABELS SHALL BE SELF-ADHESIVE PHENOLIC TYPE AND WHITE LETTER ON BLACK BACKGROUND, PROVIDE BRADY OR DYMO TYPE LABELS (CIRCUIT IDENTIFICATION) FOR ALL SWITCHES AND RECEPTACLES.</div> <div>17. THE CONTRACTOR SHALL PROVIDE TYPEWRITTEN DIRECTORIES FOR ALL ELECTRICAL PANELS INVOLVED IN THIS PROJECT. THE PANEL DIRECTORIES SHALL REFLECT THE AS-BUILT CIRCUITS. ONE COPY OF THE SCHEDULE SHALL BE TAPED TO THE INSIDE OF THE PANEL DOOR, AND ONE COPY SHALL BE SUBMITTED TO THE ENGINEER AS AN "AS-BUILT" DRAWING.</div> <div>18. ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION PER CBC REQUIREMENTS.</div> <div>19. THE CONTRACTOR SHALL EMPLOY QUALIFIED AND EXPERIENCED WORKMEN FOR THIS WORK. ALL RESTORATION WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND/OR OWNER AND IOR.</div> <div>20. THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRING PATCHING, PLASTERING PAINTING AND/OR OTHER REPAIRS DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC., AS REQUIRED. THIS SHALL INCLUDE ALL WALLS, CEILINGS, ROOFS, PAVEMENT, PLANTERS, ETC.</div> <div>21. WHERE CONDUIT IS ROUTED ON ROOF STRUCTURES, PROVIDE SUPPORT AT 10'-0" O.C. MAXIMUM.</div> <div>22. ALL EXPOSED CONDUIT BELOW 7'-0" SHALL BE RSC AND ALL EXPOSED HARDWARE SHALL BE "HOT DIPPED" GALVANIZED. ALL INTERIOR CONDUITS MAY BE EMT, UNLESS OTHERWISE NOTED.</div> <div>23. WHERE SURFACE WIRING IS CALLED FOR IN A FINISHED AREA, SURFACE TYPE RACEWAY SYSTEM SHALL BE INSTALLED COMPLETE WITH ALL PROPER FITTINGS, ADAPTERS, OUTLETS, DEVICES COVERS, END CAPS, ETC. AS MANUFACTURED BY PANDUIT OR AN APPROVED EQUAL AND SHALL BE PAINTED TO MATCH COLOR OF ADJACENT WALL OR CEILING. ALL EXPOSED CONDUITS, BOXES AND CABINETS SHALL ALSO BE PAINTED TO MATCH COLOR OF ADJACENT WALL OR CEILING.</div> <div>24. SURFACE TYPE RACEWAY SYSTEM SHALL BE INSTALLED PARALLEL TO, OR AT RIGHT ANGLES TO BUILDING LINES AND ROUTE AROUND SURFACE MOUNTED ITEMS, SUCH AS TACK BOARDS, ETC.</div>		<div>25. ALL WIRES SHALL BE IN CONDUIT U.O.N.</div> <div>26. GENERALLY, HORIZONTAL RUNS SHALL BE INSTALLED ON THE CORNER BELOW CEILING LINE AS APPROVED BY THE ENGINEER.</div> <div>27. ALL UNDERGROUND CONDUIT SHALL HAVE #12 TRACER WIRE WITH THWN INSULATION UNDER EACH RUN OF THE UNDERGROUND CONDUIT DUCTBANK AND 6" FOIL MARKER IN TRENCH. TRACE WIRE SHALL EXTEND AT TERMINATION POINTS A MIN. OF 3 FT FROM SUCH SURFACE AND SHALL BE TRAPPED SECURED TO CONDUIT OR ACCEPTABLE EQUIVALENT.</div> <div>28. UPON COMPLETION OF CONSTRUCTION, PAINT ALL EXPOSED ELECTRICAL CONDUITS, DEVICES AND BOXES (UNLESS DEVICES OR BOXES ARE ALREADY PRE-FINISHED) PER SPECIFICATION SECTION 09900, PARAGRAPH 2.3 PAINTING SCHEDULE. PAINT COLOR SHALL MATCH THE EXISTING SURFACES.</div> <div>29. THE CONTRACTOR SHALL MAINTAIN AT THE JOB SITE, AN UP TO DATE "AS BUILT" DRAWING SET. THE "AS BUILT" DRAWING SET SHALL REFLECT ALL APPROVED CHANGES TO THE DESIGN DRAWINGS. THE "AS BUILT" DRAWING SET SHALL BE KEPT CLEAN AND IN GOOD CONDITION AND SHALL BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT. THESE DRAWINGS SHALL BE UPDATED DAILY AND BE CHECKED WEEKLY BY IOR. THE PROGRESS PAYMENT IS TIED TO THEIR COMPLETION.</div> <div>30. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL SCHEDULE AND PERFORM A COMPLETE FUNCTIONAL TEST IN THE PRESENCE OF DSA IOR TO DEMONSTRATE TO THE OWNER THAT THE NEW INSTALLATION IS OPERATING AS INTENDED TEST RESULTS SHALL BE SENT TO DISTRICT FOR IOR AND AOR. ANY DEFECTS OR DEFICIENCIES IN THE MATERIALS OR WORK SHALL BE CORRECTED IMMEDIATELY BY AND AT THE CONTRACTOR'S EXPENSE.</div>		<div>EO.1 ELECTRICAL COVER SHEET</div> <div>EO.2 CERTIFICATE OF COMPLIANCE TITLE 24</div> <div>E1.0 ELECTRICAL DEMOLITION PLAN</div> <div>E1.1 LIGHTING & POWER PLANS</div> <div>E2.0 SCHEDULE AND DETAILS</div>	
LIST OF APPLICABLE CODES					
<div>1. 2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)</div> <div>2. 2016 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2 (PART 2, TITLE 24, CCR)</div> <div>3. 2016 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)</div> <div>4. 2016 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR)</div> <div>5. 2016 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)</div> <div>6. 2016 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)</div> <div>7. 2013 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)</div> <div>8. 2016 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)</div> <div>9. 2016 CALIFORNIA REFERENCE STANDARDS CODE (PART 12, TITLE 24, CCR)</div> <div>10. NFPA 13, 2016 EDITION, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED</div> <div>11. NFPA 14, 2013 EDITION, THE INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS</div> <div>12. NFPA 24, 2016 EDITION, THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES</div> <div>13. NFPA 72, 2016 EDITION, NATIONAL FIRE ALARM CODE, AS AMENDED</div> <div>14. 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.</div>					
ABBREVIATIONS					
<div>A AMP</div> <div>AFF ABOVE FINISHED FLOOR</div> <div>AP ACCESS POINT</div> <div>BRKR BREAKER</div> <div>C CONDUIT, CLOCK</div> <div>CATV CABLE TELEVISION</div> <div>CBC CALIFORNIA BUILDING CODE</div> <div>CCTV CLOSED CIRCUIT TELEVISION</div> <div>CEC CALIFORNIA ELECTRIC CODE</div> <div>CKT CIRCUIT</div> <div>CO CONDUIT ONLY WITH PULL ROPE</div> <div>CPS CURRICULUM AND PRESENTATION SYSTEM</div> <div>CSC CLOCK/SPEAKER CABINET</div> <div>(E) EXISTING</div> <div>FU FUSE</div> <div>G GROUND, GUARD</div> <div>IDF INTERMEDIATE DISTRIBUTION FRAME</div> <div>MAX MAXIMUM</div> <div>MDF MAIN DISTRIBUTION FRAME</div> <div>MIN MINIMUM</div> <div>MPOE MAIN POINT OF ENTRY</div> <div>MSTC MAIN SIGNAL TELEPHONE CABINET</div> <div>MTB MAIN TELEPHONE BOARD</div> <div>NEC NATIONAL ELECTRICAL CODE</div> <div>NL NIGHT LIGHT</div> <div>NTS NOT TO SCALE</div>		<div>O.C. ON CENTER</div> <div>PA PH, ø PUBLIC ADDRESS PHASE PANEL</div> <div>(R) RECEPT. RECEPTACLE</div> <div>SAD SEE ARCHITECTURAL DRAWINGS</div> <div>STC SATELLITE TERMINAL CABINET</div> <div>TRANSF. TRANSFORMER</div> <div>TB TELEPHONE BOARD</div> <div>TC TERMINAL CAN</div> <div>TYP TYPICAL</div> <div>UON UNLESS OTHERWISE NOTED</div> <div>V VOLT</div> <div>W WATT</div> <div>WG WIRE GUARD</div> <div>WP WEATHERPROOF</div> <div>XFMR TRANSFORMER</div>			




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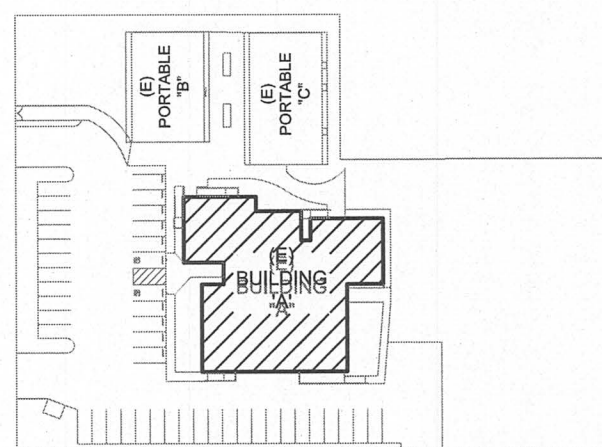


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PROJECT NO. 175-17-02 www.aec-engineers.com

Legend



Key Plan



Project Title

**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**


258 SUNOL STREET
SAN JOSE, CA 95126

**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

ELECTRICAL COVER SHEET

<p>Regulatory Agency Approval</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES</p> <p style="text-align: center; font-size: 1.2em;">01-116854</p> <p>AC <u> </u> FLS <u> </u> SS <u> </u> KF <u> </u></p> <p>DATE: <u>SEP 28 2017</u></p> </div>	<p>Architect Seal</p> <div style="text-align: center; margin-top: 10px;">  </div>
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<p>File Number</p> <p>Application Number</p> <p>Project No. 06307</p> <p>Date 06/27/2017</p>	<p>Drawing No</p> <div style="font-size: 3em; margin-top: 20px;">E0.1</div>
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XREFS: 36X24BDR.dwg



DEMOLITION NOTES:

- 1 ALL ELECTRICAL ITEMS INCLUDING WIRES AND CONDUIT SHOWN ON THIS DRAWING SHALL BE DISCONNECTED AND REMOVED UP TO SOURCE OR THE NEXT JUNCTION BOX, UON.
- 2 DISCONNECT AND REMOVE (E) LIGHT FIXTURE. COIL AND TAPE (E) WIRES IN (E) JUNCTION BOX FOR RECONNECTION IN THE (N) WORK.
- 3 RELOCATE (E) ELECTRICAL ITEM TO (N) LOCATION. SEE SHEET E1.2 FOR (N) LOCATION.
- 4 ELECTRICAL ITEM TO REMAIN. MAINTAIN CIRCUIT CONTINUITY.
- 5 SEE NOTE 6 ON SHEET E1.1 FOR OTHER WORK REQUIRED.

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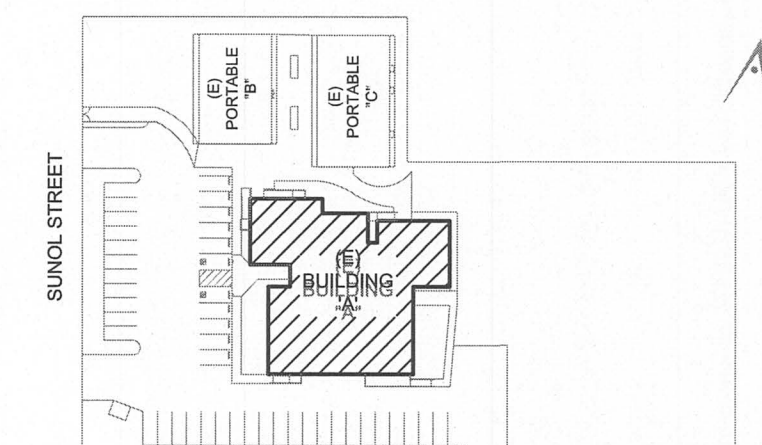
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Key Plan



Project Title

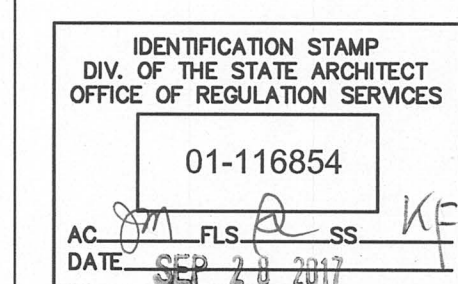
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No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

ELECTRICAL DEMOLITION PLAN

Regulatory Agency Approval



Architect Seal



File Number

Application Number

Project No.
06307

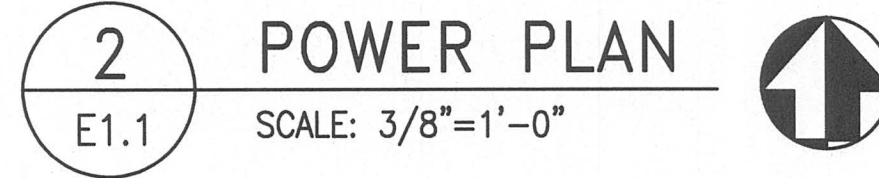
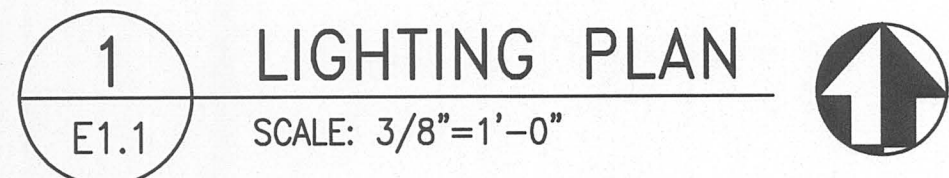
Date
06/27/2017

Drawing No

E1.0

1 ELECTRICAL DEMOLITION PLAN 1
E1.0 SCALE: 3/8"=1'-0"





- ## SHOWER/STORAGE

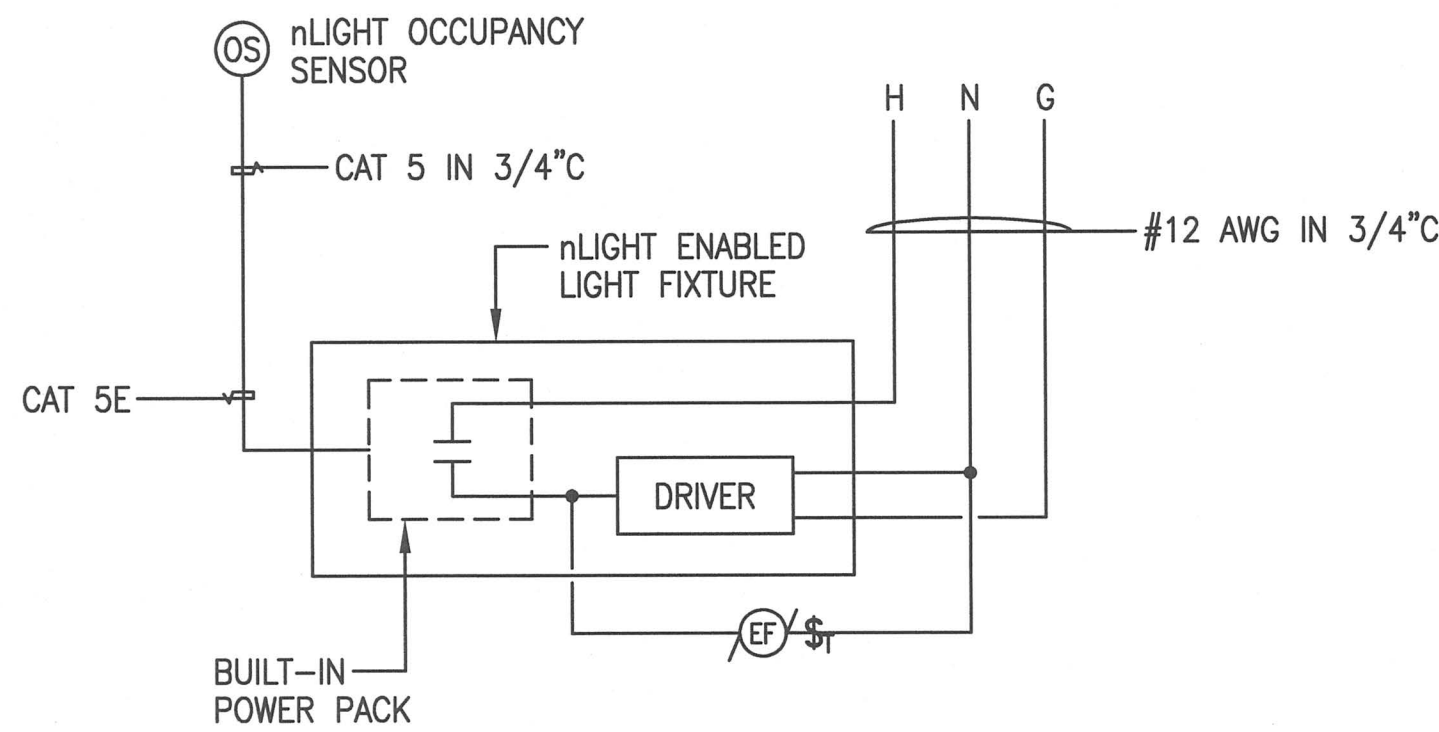
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SHOWER/STORAGE

1

E1.1

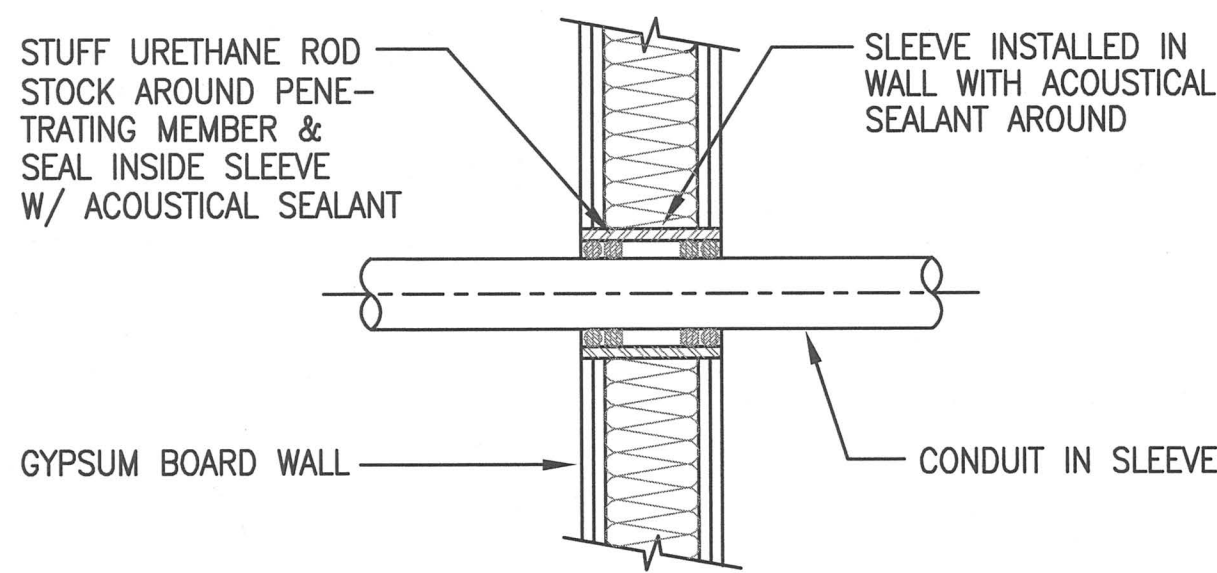
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1 RESTROOM LIGHTING FIXTURE WIRING DIAGRAM WITH EXHAUST FAN

E2.0

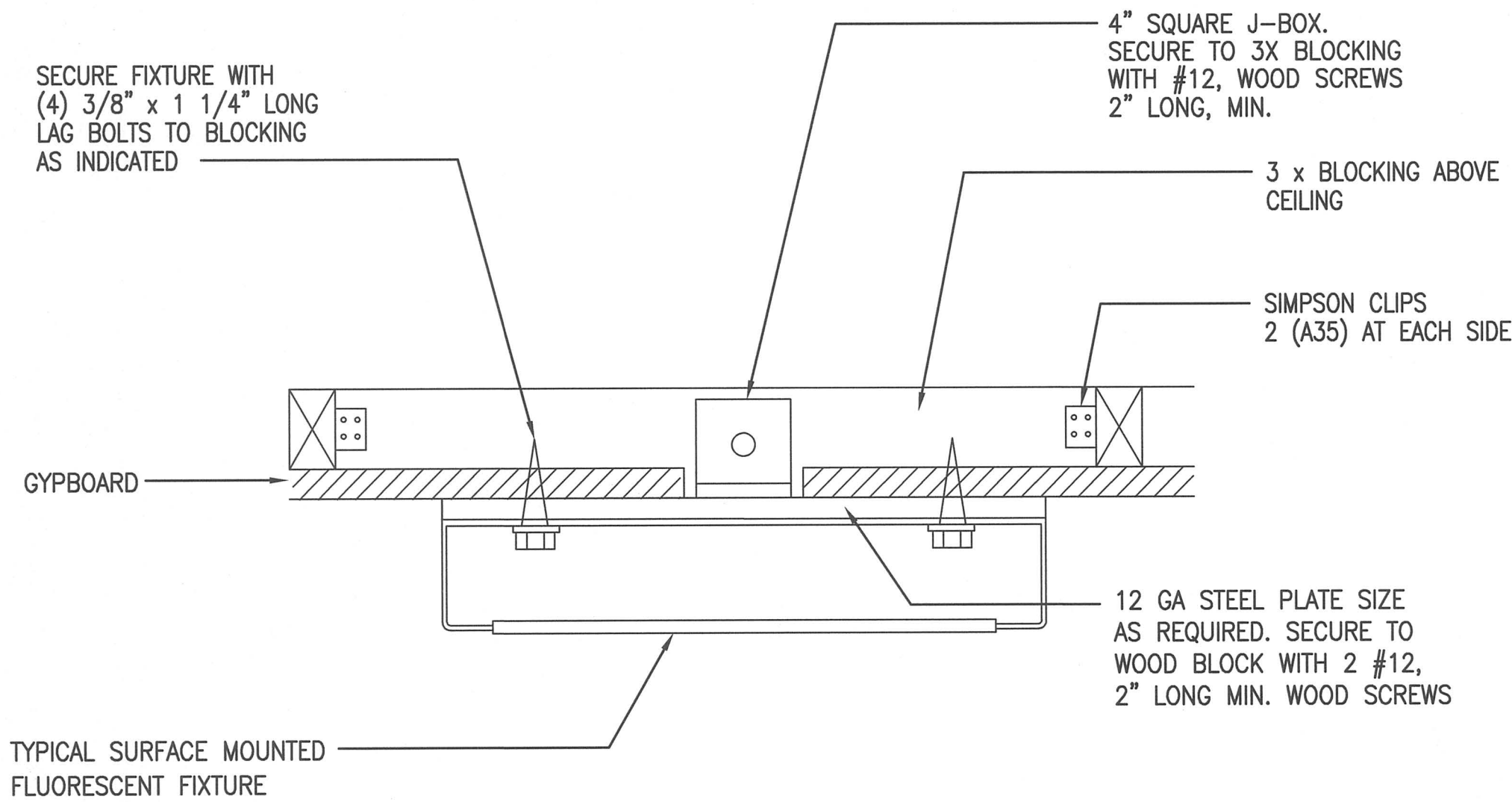
NOT TO SCALE



2 TYPICAL WALL PENETRATION

E2.0

NOT TO SCALE



E2.0

NOT TO SCALE

LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURERS MODEL NO.	LAMPS		TOTAL WATTS	VOLTS	MOUNTING	DESCRIPTION AND REMARKS
		QTY.	TYPE				
A	LITHONIA CAT #STL4-40L-EZB-LP830-N100	-	LED	34.9	MULTI	SURFACE	1'x4' LED LIGHT FIXTURE WITH WHITE POLYESTER POWDERCOAT FINISH
A1	LITHONIA CAT #STL4-40L-EZB-LP830- N100-EL14L	-	LED	34.9	MULTI	SURFACE	SAME AS TYPE "A" LIGHT FIXTURE EXCEPT WITH EMERGENCY BATTERY PACK
X	LITHONIA CAT #LED SW16-120-ELNSD	-	LED	10.2	120	UNIVERSE	LED EXIT LIGHT FIXTURE WITH GREEN LETTERS ON WHITE BACKGROUND

PANEL #	B1	LOCATION -						FEEDER SIZE -					
VOLTS	120/240V, 1PH, 3W	MLO	<input type="checkbox"/>	FEED THRU LUGS	<input type="checkbox"/>	FLUSH	<input type="checkbox"/>	FLUSH	<input type="checkbox"/>	SURFACE	<input checked="" type="checkbox"/>		
AMPS	100	MCB	<input checked="" type="checkbox"/>	MCB AMPS -	100	NEMA 1	<input checked="" type="checkbox"/>	NEMA 1	<input checked="" type="checkbox"/>	NEMA 3R	<input type="checkbox"/>		
AIC RATING	10K	BUS AMPS											
DESCRIPTION	VA	BKR/	CKT	BKR/	VA	DESCRIPTION	VA	BKR/	CKT	BKR/	VA	DESCRIPTION	VA
-	A	B	POLE	No.	POLE	A	B	POLE	No.	POLE	A	B	POLE
			20/1	1	2								
				3	4								
				5	6								
				7	8								
				9	10								
				11	12								
				13	14								
				15	16								
				17	18								
				19	20								
				21	22								
				23	24								
				25	26								
				27	28								
				29	30								
				31	32								
				33	34								
				35	36								
				37	38								
				39	40								
SUBTOTAL													
TOTAL LOAD		KVA: @		240		VOLTS =		AMPS					

SHEET NOTE:

- ① UTILIZE (E) SPARE CIRCUIT BREAKER.
SIZE AS SHOWN.

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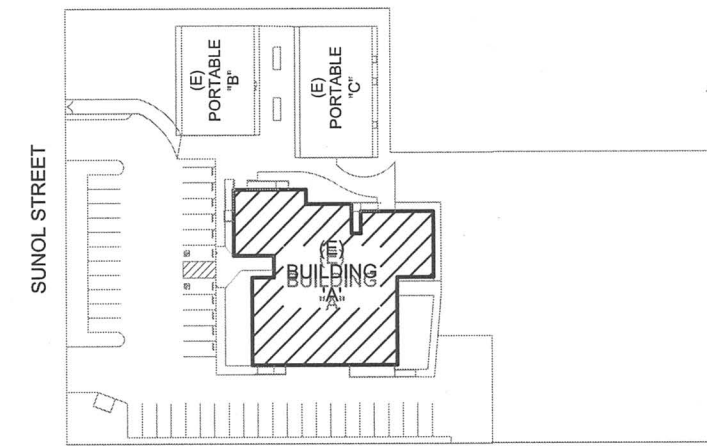
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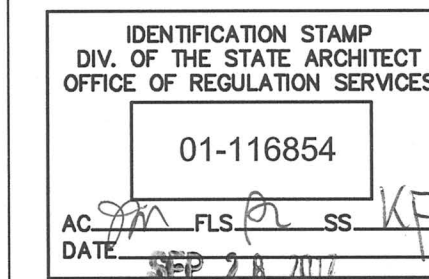
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1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

SCHEDULE AND DETAILS

Regulatory Agency Approval



Architect Seal



File Number

Application Number

Project No.

Date
06/27/2017

Drawing No

E2.0

GENERAL NOTES
<div>1. THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE, SPECIFICATIONS AND STANDARD, THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDERS ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, THE NATIONAL BOARD OF FIRE UNDERWRITERS AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY AUTHORITIES HAVING JURISDICTION.</div> <div>2. PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS, VISIT CONSTRUCTION SITE AND ATTEND THE PRE-BID MEETING TO BE FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANYWAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.</div> <div>3. FIELD VERIFY TO CONFIRM ALL FIRE RATED CEILINGS AND WALLS. PROVIDE FIRE STOP SEALS PER UNIFORM BUILDING CODE FOR CONDUIT PENETRATION THROUGH FIRE RATED FLOORS, WALLS AND CEILINGS.</div> <div>4. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITER'S LABORATORIES AND BEAR THEIR LABEL.</div> <div>5. CONDUIT ROUTING SHOWN IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES. ALL EXPOSED CONDUIT, BOXES, FITTINGS, SUPPORT, ETC. SHALL BE PAINTED TO MATCH ADJACENT SURFACES.</div> <div>6. THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL AND OTHER DRAWINGS RELATED TO THIS PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.</div> <div>7. THE OWNER RETAINS FIRST SALVAGE RIGHTS TO ALL EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE OWNER FOR DISPOSITION OF THE EXISTING EQUIPMENT TO BE REMOVED BY HIM. THE CONTRACTOR SHALL INCLUDE IN HIS BID PROPOSAL ALL COSTS RELATED TO THE DISPOSAL OF EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT.</div> <div>8. ANY POWER SHUTDOWN SHALL BE COORDINATED WITH SCHOOL DISTRICT PROJECT MANAGER. A SHUTDOWN SCHEDULE SHALL BE PRESENTED TO SCHOOL DISTRICT FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN SHALL BE PERFORMED IN OVERTIME HOURS IF SO DIRECTED BY SCHOOL DISTRICT.</div> <div>9. DEMOLITION WORK SHALL BE PROVIDED AS REQUIRED TO ACCOMPLISHED NEW WORK CALLED FOR AND AS NOTED. WORK SHALL BE PERFORMED CAREFULLY TO AVOID DAMAGE TO SURFACES, STRUCTURES, AND EQUIPMENT NOT BEING REMOVED. EXISTING EQUIPMENT AND/OR ELECTRICAL WIRING WHICH IS TO REMAIN, BUT HAS BEEN REMOVED TO FACILITATE THE INSTALLATION OF THE NEW EQUIPMENT, SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION.</div> <div>10. BLANK COVERS SHALL BE INSTALLED WHEREVER DEVICE IS REMOVED AND OUTLET BOX REMAINS IN PLACE.</div> <div>11. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE 12 AWG THHN STRANDED COPPER ONLY.</div> <div>12. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUIT SHALL BE 3/4".</div> <div>13. GREEN INSULATED GROUND CONDUCTORS SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT WIRING.</div> <div>14. PROVIDE LABELS ON ALL EQUIPMENT AND DEVICES. LABELS SHALL BE SELF-ADHESIVE PHENOLIC TYPE AND WHITE LETTER ON BLACK BACKGROUND, PROVIDE BRADY OR DYMO TYPE LABELS (CIRCUIT IDENTIFICATION) FOR ALL SWITCHES AND RECEPTACLES.</div> <div>15. THE CONTRACTOR SHALL PROVIDE TYPEWRITTEN DIRECTORIES FOR ALL ELECTRICAL PANELS INVOLVED IN THIS PROJECT. THE PANEL DIRECTORIES SHALL REFLECT THE AS-BUILT CIRCUITS. ONE COPY OF THE SCHEDULE SHALL BE TAPED TO THE INSIDE OF THE PANEL DOOR, AND ONE COPY SHALL BE SUBMITTED TO THE ENGINEER AS AN "AS-BUILT" DRAWING.</div> <div>16. ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A SEISMIC FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:<div><div>a. THE TOTAL DESIGN LATERAL SEISMIC FORCE SHALL BE DETERMINED PER CALIFORNIA BUILDING CODE (CBC) 2013. FORCES SHALL BE APPLIED IN THE HORIZONTAL DIRECTIONS, WHICH RESULT IN THE MOST CRITICAL LOADING FOR DESIGN.</div><div>b. THE VALUE OF A_p (COMPONENT AMPLIFICATION FACTOR), R_p (COMPONENT RESPONSE MODIFICATION FACTOR), C_s (SEISMIC COEFFICIENT) AND I_p (SEISMIC IMPORTANCE FACTOR) BE DETERMINED PER CALIFORNIA BUILDING CODE (CBC) 2013.</div></div><div>WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.</div></div> <div>17. CERTAIN REMODELING OF ELECTRICAL FACILITIES WILL BE REQUIRED IN THE EXISTING BUILDING. THE DRAWINGS SHOWING LOCATION OF EQUIPMENT IN EXISTING AREAS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL CONCEAL ALL WORK; IF THIS NOT POSSIBLE, SURFACE RACEWAY SUCH AS WIREMOLD SHALL BE USED ONLY WITH THE APPROVAL OF THE ARCHITECT AND OWNER.</div> <div>18. THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRING PATCHING, PLASTERING PAINTING AND/OR OTHER REPAIRS DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC., AS REQUIRED. THIS SHALL INCLUDE ALL WALLS, CEILINGS, ROOFS, PAVEMENT, PLANTERS, ETC.</div> <div>19. OUTLETS MOUNTED ON WALL BACK TO BACK SHALL MAINTAIN A MINIMUM HORIZONTAL DISTANCE OF 24" OR BE SEPARATED BY A STUD.</div> <div>20. ALL EXPOSED CONDUITS, BOXES AND CABINETS INSTALLED IN FINISHED AREAS SHALL BE PAINTED TO MATCH COLOR OF ADJACENT WALL OR CEILING.</div> <div>21. THE CONTRACTOR SHALL MAINTAIN AT THE JOB SITE, AN UP TO DATE "AS BUILT" DRAWING SET. THE "AS BUILT" DRAWING SET SHALL REFLECT ALL APPROVED CHANGES TO THE DESIGN DRAWINGS. THE "AS BUILT" DRAWING SET SHALL BE KEPT CLEAN AND IN GOOD CONDITION AND SHALL BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT. THESE DRAWINGS SHALL BE UPDATED DAILY AND BE CHECKED WEEKLY BY IOR. THE PROGRESS PAYMENT IS TIED TO THEIR COMPLETION.</div> <div>22. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL SCHEDULE AND PERFORM A COMPLETE FUNCTIONAL TEST TO DEMONSTRATE TO THE OWNER THAT THE NEW INSTALLATION IS OPERATING AS INTENDED. ANY DEFECTS OR DEFICIENCIES IN THE MATERIALS OR WORK SHALL CORRECTED IMMEDIATELY BY AND AT THE CONTRACTOR'S EXPENSE.</div> <div>23. PROVIDE ACCESSIBLE PANEL FOR HEAT DETECTOR ABOVE CEILING WHERE REQUIRED.</div>

FIRE ALARM L E G E N D	
WIRING	
SYMBOL	DESCRIPTION
	WIRING CONCEALED IN CEILING OR WALL. LINE WEIGHT TOP TO BOTTOM= NEW, EXISTING TO REMAIN, FUTURE
	WIRING CONCEALED IN FLOOR OR UNDER GRADE OR ROUTED IN CEILING SPACE OF FLOOR BELOW. LINE WEIGHT TOP TO BOTTOM= NEW, EXISTING TO REMAIN, FUTURE
	WIRING EXPOSED. LINE WEIGHT TOP TO BOTTOM= NEW, EXISTING TO REMAIN, FUTURE
	EXISTING ITEM TO BE REMOVED
	LOW VOLTAGE CABLE IN CONDUIT
	STROKES INDICATE QUANTITY OF #12 AWG. CONDUCTORS IF MORE THAN 3. UON. NOTE: WIRING STROKES FOR 20A BRANCH CIRCUITS ARE NOT SHOWN ON DRAWINGS. CONTRACTOR SHALL USE INFORMATION IN PANEL AND BRANCH CIRCUIT SCHEDULES TO PROVIDE REQUIRED CIRCUITING. ALL SHARED NEUTRAL SHALL BE #10 U.O.N.
	GROUND GROUND, ISOLATED
	HOT NEUTRAL
	HOME RUN WIRING TO INDICATED DESTINATION. 3/4"C. MIN. OR AS OTHERWISE NOTED. CONTRACTOR SHALL USE CIRCUIT SIZES NOTED IN RESPECTIVE SCHEDULES AND INFORMATION IN THE FEEDER AND BRANCH CIRCUIT SCHEDULES.
	CONDUIT RUN TURNED UP THROUGH FLOOR OR CEILING. CORE & FIREPROOF AS REQUIRED.
	CONDUIT RUN TURNED DOWN THROUGH FLOOR OR CEILING. CORE & FIREPROOF AS REQUIRED.
	CONDUIT STUBBED OUT AT LOCATION SHOWN. PROVIDE INSULATED BUSHING & PULLROPE.
	RACEWAY STUBBED OUT FOR FUTURE CONTINUATION; CAP, MARK AND RECORD LOCATION.
	JUNCTION BOXES, WALL, CEILING AND FLUSH FLOOR MOUNTED. 4" SQ. BOX MIN., LARGER IF REQUIRED
	WIRING EXTENSION POINT - CONDUIT TO MC CABLE OR MANUFACTURED WIRING SYSTEM (I-BOX ABOVE ACCESSIBLE CEILING AREAS, OR EXTEND CONDUIT & WIRE IN EXPOSED OR "HARD" CEILING AREAS. SHADED= ON ALT. POWER SOURCE (EMERG,UPS,ETC.)
	PULL BOX, MIN. SIZE PER NEC., UON.
	FLEXIBLE CONDUIT CONNECTION
	POWER CONNECTION TO DIV 15 FIRE/SMOKE DAMPER. REFER TO FSD CONNECTION DETAIL IF NOT SHOWN
	LOW VOLTAGE SYSTEM GROUND CONNECTION
	GROUND ROD CONNECTION
	GROUND ROD CONNECTION WITH TEST WELL BOX
	LIGHTNING SYSTEM AIR TERMINAL

APPLICABLE CODES	
1.	2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)
2.	2016 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 & 2 (PART 2, TITLE 24, CCR)
3.	2016 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)
4.	2016 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR)
5.	2016 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)
6.	2016 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
7.	2013 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE (PART 7, TITLE 24, CCR)
8.	2016 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
9.	2016 CALIFORNIA REFERENCE STANDARDS CODE (PART 12, TITLE 24, CCR)
10.	NFPA 13, 2016 EDITION, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, AS AMENDED
11.	NFPA 14, 2013 EDITION, THE INSTALLATION OF STANDPIPE, PRIVATE HYDRANT AND HOSE SYSTEMS
12.	NFPA 24, 2016 EDITION, THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
13.	NFPA 72, 2016 EDITION, NATIONAL FIRE ALARM CODE, AS AMENDED

FIRE ALARM SYSTEM	
SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL AND ASSOCIATED COMPONENTS. PROVIDE 120V POWER AS REQUIRED OR AS INDICATED.
	ANNUNCIATOR
	SMOKE DETECTOR
	ABOVE CELING HEAT DETECTOR
	FIRE ALARM SYSTEM MANUAL PULL STATION,
	STROBE
	HORN/STROBE
	HORN - WEATHERPROOF

FIRE ALARM SCOPE OF WORK
THE INTENT OF THIS PROJECT IS TO PROVIDE A COMPLETE FIRE ALARM SYSTEM FOR THE RESTROOM UPGRADE

FIRE ALARM SYSTEM GENERAL NOTE
THE FIRE DETECTION AND ALARM SYSTEM, UPON ACTIVATION OF AN INITIATING DEVICE, SHALL ALERT ALL OCCUPANTS AND SHALL TRANSMIT THE ALARM SIGNAL TO AN APPROVED SUPERVISING CENTRAL MONITORING STATION.

ABBREVIATIONS	
(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE REMOVED
(RL)	EXISTING TO BE RELOCATED
AB	ABOVE COUNTER BACKSPLASH
ACU	AIR CONDITIONING UNIT
AC	ALTERNATING CURRENT
A, AMP	AMPERES
AF	AMPERE (RATED) FUSE OR CB FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AL	ALUMINUM (ALLOY)
ALC	AUTOMATIC LIGHTING CONTROL
AS	AMPERE (RATED) SWITCH
AT	CIRCUIT BRKR TRIP SETTING (AMPS)
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
B	BELL (FIRE ALARM)
BAT	BATTERY
BG	BELOW GRADE
C	CONDUIT (CIRCULAR RACEWAY)
CAB	CABINET
CKT	CIRCUIT
CLG	CEILING
CO	CONDUIT ONLY
CU	COPPER
DC	DIRECT CURRENT
DIV	DIVISION
DIPST	DOUBLE POLE SINGLE THROW
DWG	DRAWING
ENCL	ENCLOSURE
EO	ELECTRICALLY OPERATED
EOL	END OF LINE
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FSD	FIRE/SMOKE DAMPER
GND	GROUND
K	KEY OPERATED
MAX	MAXIMUM
MIN	MINIMUM
MTD	MOUNTED
MTR	MOTOR
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NO	NORMALLY OPEN
NTS	NOT TO SCALE
NP	NAMEPLATE
OC	ON CENTER
PNL	PANEL
+,POS	POSITIVE
REQD	REQUIRED
RNC	RIGID NON-METALLIC CONDUIT (PVC)
RSE	REMOTE SIGNAL EXPANDER
RST	REMOTE STATION TRANSMITTER
S.A.D.	SEE ARCHITECTURAL DRAWINGS
TYP	TYPICAL
UL	UNDERWRITERS LAB
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY

FIRE ALARM SYSTEM INFORMATION	
Fire alarm system drawings shall reflect the following minimum information on the cover sheet:	
Name of School:	SUNOL COMMUNITY SCHOOL
Campus Address:	258 SUNOL STREET, SAN JOSE, CA 95126
Building Designation(s):	RESTROOM UPGRADE
Applicable Codes and Standards:	
2016 California Building Code (CBC), Part 2, Title 24, C.C.R., 2016 IRC with 2016 California Amendments	
2016 California Electric Code (CEC), Part 3, Title 24, C.C.R., 2016 NEC with 2016 California Amendments	
2016 California Fire Code (CFC), Part 5, Title 24, C.C.R., 2016 IFC with 2016 California Amendments	
CFC Title 15, Public Safety, State Fire Marshal Regulations	
NFPA 72, National Fire Alarm and Signaling Code, 2016 edition (CA Amendment)	
UL 58, Manual Operating Signal Boxes, 2006 edition	
UL 268A, Smoke Detectors Used Applications, 2006 edition	
UL 464, Audible Signal Appliances, 2010 edition	
UL 864, Control Units for Fire Protective Signaling Systems, 2014 edition	
System Designer (Company and Designer Name):	
ASZ, HENRY BORRHO	
System Installer (Specify Name):	
Building Occupancy Classification(s):	
Group E (Educational K-12) Group A (Assembly) Group B (Office/Professional - Community College)	
Building Construction Type(s):	
Type IA Type IB Type IIA Type IIB Type IIA Type IIB Type IVA Type VIB Type VA Type VB	
System Types:	
System Classifications:	
Emergency Communication System:	
One-way Emergency Communication System	
Two-way Emergency Communication System	
Power Supplies:	
Secondary Power Supplies:	
Pathway/Conduit Class(s):	
HAC's:	
SIC's:	
HAC's:	
Pathway Survivability:	

FIRE ALARM DRAWING LIST	
FA0.1	FIRE ALARM COVER SHEET
FA1.1	FIRE ALARM SITE PLAN
FA2.1	FIRE ALARM PLAN AND RISER DIAGRAM
FA3.1	FIRE ALARM VOLTAGE DROP, BATTERY CALCULATION, LEGEND AND EQUIPMENT LIST
FA4.1	FIRE ALARM DETAILS

FIRE ALARM SYSTEM NOTES	
1.	ALL WIRING SHALL BE IN CONDUIT, U.O.N. MINIMUM CONDUIT SIZE SHALL BE 3/4"C.
2.	PROVIDE AND INSTALL ALL CONDUIT, BOXES, CONDUCTORS, POWER SUPPLY, RELAYS, ZONE MODULES, CARDS, SWITCHES ETC. FOR A COMPLETE AND OPERABLE FIRE ALARM SYSTEM.
3.	ALL REQUIREMENT OF CONTRACT SPECIFICATIONS AND DRAWING APPLY.
4.	INSTALLATION SHALL CONFORM TO REQUIREMENTS OF APPLICABLE ELECTRICAL CODES.
5.	TEE-TAP INSIDE BUILDING IN JUNCTION BOX. USE TERMINAL BLOCKS.
6.	FIRE ALARM FIELD WIRING SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
7.	120VAC 60Hz INPUT POWER FOR FIRE ALARM CONTROLS SHALL BE A DEDICATED, LOCKING BREAKER PROPERLY LABELED "SOURCE FROM LINE OF MAIN DISCONNECT" OR "EMERGENCY POWER".
8.	ALL WIRING INCLUDING SHIELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.
9.	120VAC IS NOT PERMITTED IN SAME CONDUIT WITH LOW VOLTAGE WIRING.
10.	DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY-TRAINED FIRE ALARM TECHNICAL REPRESENTATIVE.
11.	THERE WILL BE NO CONDUIT ENTRY ALLOWED 18" OR LOWER ON THE SIDE PANELS OR THROUGH THE BOTTOM OF ALL CONTROL EQUIPMENT BACKBOXES.
12.	ALL VISUAL ALARM IN EVERY ROOMS OR EXTERIOR WHERE OCCUR SHALL BE SYNCHRONIZED.
13.	VISUAL DEVICE SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE THAT MEETS NFPA STROBE INTENSITY REQUIREMENTS WHICH VARIES WITH VIEWING CONDITIONS AND ROOM SIZES.
14.	UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATER-TIGHT FITTINGS AND WIRES TO BE APPROVED FOR WET LOCATIONS.
15.	AUDIBLE DEVICE(S) TO BE AT LEAST 15dbA ABOVE THE EQUIVALENT SOUL LEVEL BUT NOT LESS THAN 75dbA AT 10' OR MORE THAN 110dbA AT THE MINIMUM HEARING DISTANCE.
16.	AUDIBLE DEVICE SHALL SOUND THE CALIFORNIA UNIFORM FIRE ALARM SIGNAL.
17.	FINAL FIRE ALARM TEST SHALL BE MADE WITH THE DSA INSPECTOR OF RECORD (IOR). LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF DATA AND TIME OF FINAL FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WHEN ABLE.
18.	FIRE ALARM CONTRACTOR SHALL PROVIDE A COMPLETED AND SIGNED" CERTIFICATE OF COMPLETION" AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS. (NFPA 72 SEC. 7.8.2 & 14.6.1).
19.	PROVIDE TEMPORAL THREE DISTINCTIVE FIRE ALARM SOUND (CFC SEC. 907.5.2.1.3 NFPA 72 SEC. 18.4.2.1)
20.	POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH RED MARKING AND IDENTIFIED PER NFPA SEC 10.6.5.2.2 .
21.	WIRING AND MATERIALS SHALL BE PER CEC/NEC ART. 760.
22.	A DOCUMENTATION CABINET SHALL BE INSTALLED PROXIMAL TO THE FACU. (NFPA 72, 7.7.2.1)
23.	ALL RECORD DOCUMENTATION SHALL BE STORED IN THE DOCUMENT CABINET. (NFPA 72, 7.7.2.2)
24.	THE DOCUMENT CABINET SHALL BE PROMINENTLY LABELED SYSTEM RECORD DOCUMENT (NFPA 72, 7.7.2.4.)

NFPA 72 REQUIREMENTS	
1.	POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT WITH A RED MARKING AND IDENTIFIED PER (NFPA 72 SEC. 10.6.5.2.2)
2.	PROVIDE TEMPORAL- THREE DISTINCTIVE FIRE ALARM SOUND, (CFC SEC. 907.5.2.1.3, NFPA 72 SEC. 18.4.2.1).
3.	AUDIBLE FIRE ALARM SOUND LEVEL SHALL BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPINABLE AREAS, (NFPA 72 SEC. 18.4.3.1). (IE. CLASSROOM AVERAGE AMBIENT ROOM NOISE IS 45 DBA PLUS 15 DBA EQUALS = 60 DBA MINIMUM ALARM TONE REQUIRED)
4.	STROBES SHALL FLASH AT A RATE OF NOT EXCEEDING TWO FLASHES PER SECOND NOR BELESS THAN ONE FLASH EVERY SECOND, (2016 NFPA 72 SEC. 18.5.3.1).
5.	FINAL FIRE ALARM TEST SHALL BE MADE WITH THE DSA INSPECTOR OF RECORD (IOR). LOCAL FIRE AUTHORITY SHALL BE NOTIFIED OF THE DATE AND TIME OF FINAL FIRE ALARM TESTING AND SHALL ASSIST/WITNESS SUCH TESTING WHEN ABLE.
6.	FIRE ALARM CONTRACTOR SHALL PROVIDE A "RECORD OF COMPLETION" TO THE INSPECTOR OF RECORD (IOR)/DSA AFTER COMPLETION OF OPERATIONAL ACCEPTANCE TESTS, (2016 NFPA 72 SEC. 7.8.2 AND FIGURE 7.8.2).

<div>ARTiK ART & ARCHITECTURE</div> <div>394-A Umbarger Rd San Jose, CA 95111 Phone 408.224.9890 Fax 408.224.9891 www.Artika3.com</div>		
Consultant Seal		
<div>EC Alliance Engineering Consultants, Inc.</div> <div>4701 Patrick Henry Drive, Bldg. 10 Santa Clara, CA 95054 PROJECT NO. 175-17-02</div> <div>phone (408) 970-9888 fax (408) 970-9316 www.cec-engineers.com</div>		
Legend		
Key Plan		
<div>SUNOL STREET</div> <div>PORTABLE TOILET</div> <div>PORTABLE TOILET</div> <div>NETS</div> <div>BUILDING</div>		
Project Title		
SUNOL COMMUNITY SCHOOL RESTROOMS UPGRADE		
258 SUNOL STREET SAN JOSE, CA 95126		
SANTA CLARA COUNTY OFFICE OF EDUCATION		
No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017
Drawing Title		
FIRE ALARM COVER SHEET		
Regulatory Agency Approval		
Architect Seal		
<div>IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES</div> <div>01-116854</div> <div>DATE 5/27/2017</div>		
File Number	Drawing No	
Application Number		
Project No.	06307	
Date	06/27/2017	
FA0.1		

FILE: M:\175-17-02(Sunol Com Restroom)\02FA11.dwg May 31, 2017 11:44 am Scale: 1=1 by: CHRIS
XREFS: 36X24BDR.dwg A-FLRP.dwg D-FLRP.dwg



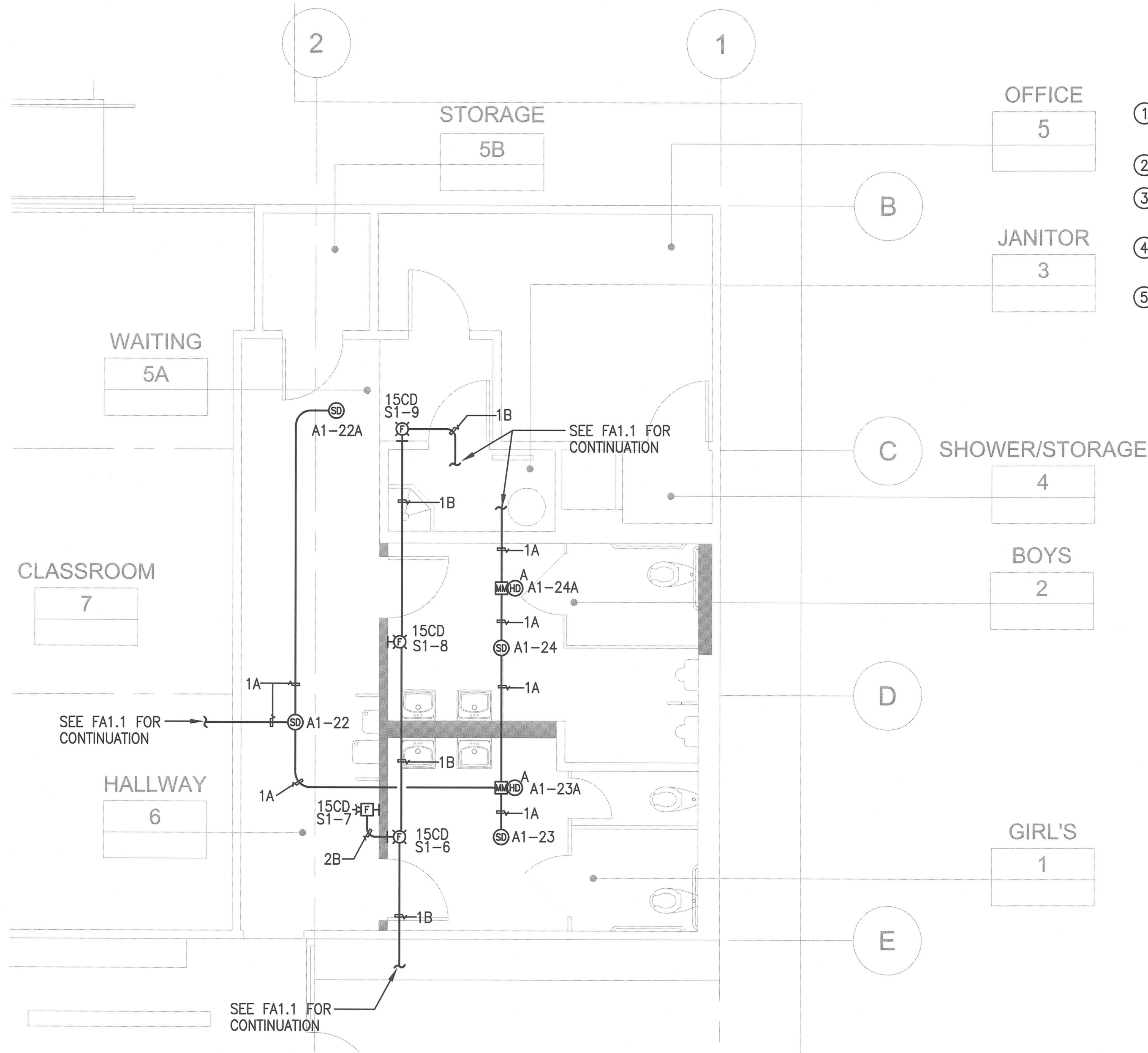
FA1.1

FA1.1

FILE: M:\175-17-02\Sunol Com Restroom\02FA2.1.dwg May 31, 2017 1:34 pm Scale: 1=1 by: CHRIS XREFS:

FA SYSTEM OPERATIONAL MATRIX							
	Annunciate Alarm Condition at New FACP, Annunciator	Annunciate Trouble Condition at New FACP, Annunciator	Annunciate Supervisory Condition New FACP, Annunciator	Transmit to Central Station Alarm Condition	Transmit to Central Station Trouble Condition*	Transmit to Central Station Supervisory Cond.	Activate Fire Alarm Visual/Audible Notification Device
Manual Pull Station	X			X			X
Smoke Detector	X			X			X
Heat Detector	X			X			X
System Trouble		X			X		
Power Failure		X			X		
Signaling Line Circuit (Class B)-Open Circuit		X			X		
Signaling Line Circuit (Class B)-Ground Fault		X			X		
Signaling Line Circuit (Class B)-Short Circuit		X			X		
Notification Circuit (Class B)-Open Circuit		X			X		
Notification Circuit (Class B)-Ground Fault		X			X		
Notification Circuit (Class B)-Short Circuit		X			X		

* NOTE: Addressable devices that are broken, missing, dirty, etc. also send a trouble signal to both the FACP and to the Supervising Station.

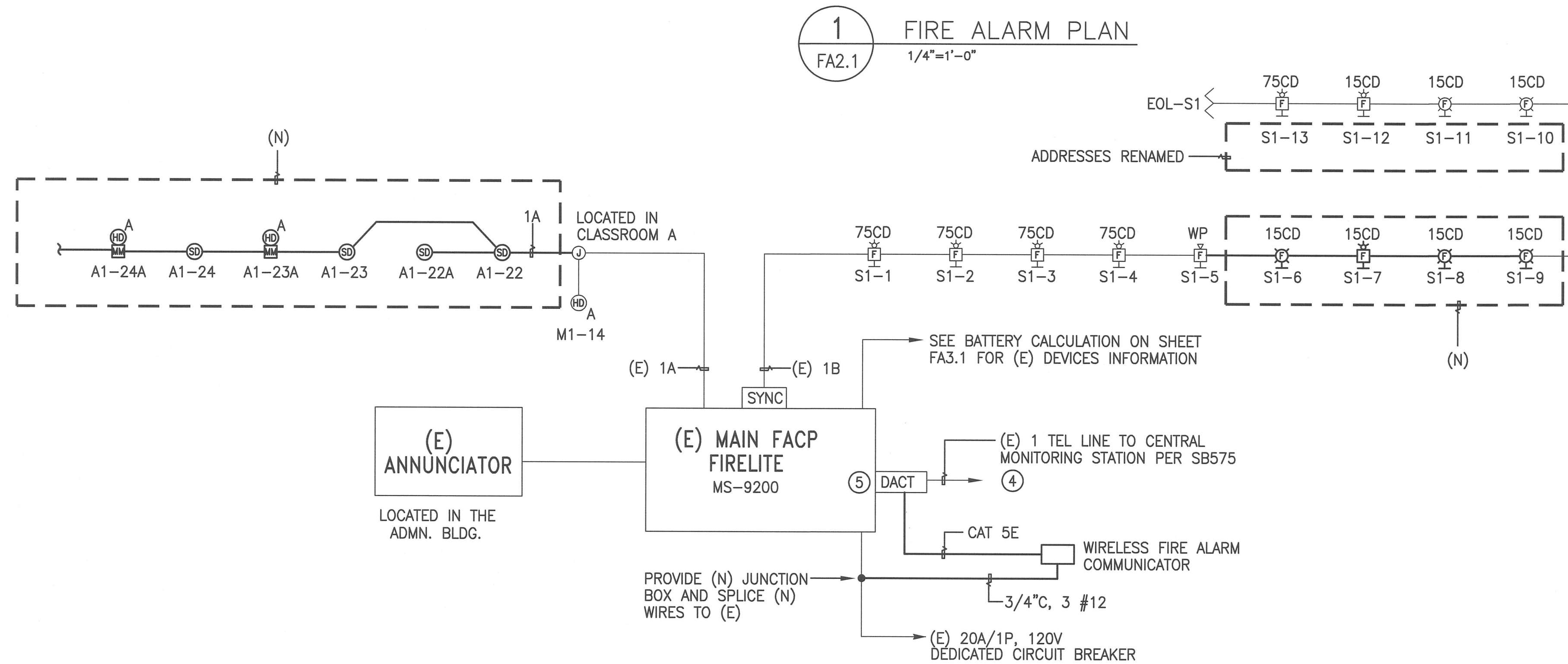


SHEET NOTES:

- 1 PROVIDE HEAT DETECTOR LABEL ADDRESS BELOW CEILING.
- 2 SEE FA1.1 FOR CONTINUATION.
- 3 THE (E) FIRE ALARM SYSTEM WHERE DONE ON PORTABLE PROJECT WITH DSA APP. #01-107485.
- 4 DISCONNECT (E) (1) TELEPHONE LINE AND CONNECT (N) WIRELESS COMMUNICATOR AS SHOWN.
- 5 REPROGRAM SO THAT THE (N) WIRELESS FIRE ALARM COMMUNICATOR AS THE PRIMARY CONNECTION AND TELEPHONE AS THE SECONDARY CONNECTION TO CENTRAL MONITORING STATION.

SYSTEM DESCRIPTION

THE FIRE ALARM SHALL BE ELECTRICALLY SUPERVISED AND MONITORED.
CLASS: B STYLE: Y
THE FIRE ALARM SYSTEM IS A COMPLETE AUTOMATIC AND ADDRESSABLE SYSTEM.



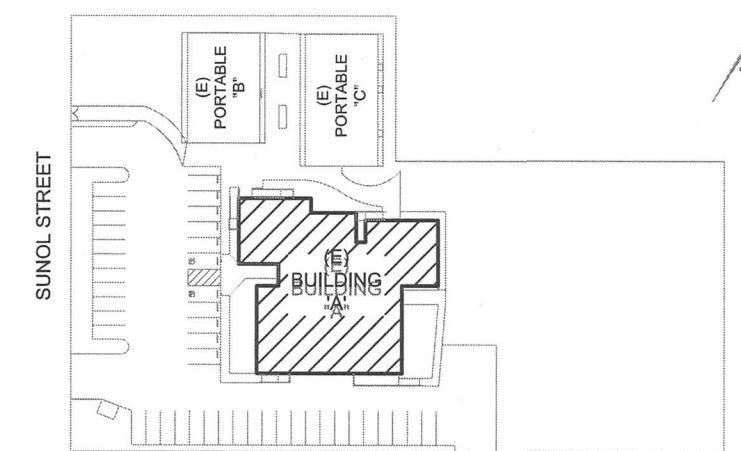
2 FIRE ALARM RISER DIAGRAM ③
FA2.1 NOT TO SCALE

Consultant Seal

Legend



Key Plan



Project Title

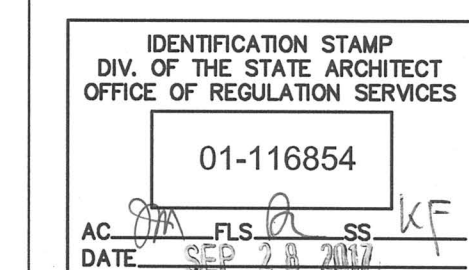
**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**
258 SUNOL STREET
SAN JOSE, CA 95126
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

FIRE ALARM PLAN AND RISER DIAGRAM

Regulatory Agency Approval



Architect Seal



File Number

Application Number

Project No.
06307

Date
06/27/2017

Drawing No

FA2.1

(E) MS-9200 Battery Calculation Work Sheet

					Standby Current (A)	Alarm Current (A)
(E) CPU					0.080 A	0.168 A
(E) UDACT, Alarm Communicator	1	x	Standby	0.040 A	0.040 A	
		x	Alarm	0.100 A		0.100 A
		x	Standby	0.000 A	0.000 A	
		x	Alarm	0.000 A		0.000 A
Auxiliary Devices Catalog #	Qty					
(E) SD-355 Addressable smoke detector	34	x	Standby	0.00036 A	0.0122 A	
		x	Alarm	0.06500 A		2.2100 A
		x	Standby	0.00036 A	0.0014 A	
(N) SD-355 Addressable smoke detector	4	x	Alarm	0.06500 A		0.2600 A
		x	Standby	0.00030 A	0.0006 A	
(N) FST-851 Addressable Heat detector	2	x	Alarm	0.06500 A		0.1300 A
		x	Standby	0.000375 A	0.0259 A	
(E) F1GT Pull Station	69	x	Alarm	0.000375 A		0.0259 A
		x	Standby	0.000375 A	0.0008 A	
(N) MMF-301 Monitor Module	2	x	Alarm	0.051000 A		0.102 A
		x	Standby	0.000750 A	0.0000 A	
(N) I300 Isolator Module	0	x	Alarm	0.057000 A		0.000 A
		x	Standby	0.000400 A	0.0000 A	
(N) CMF-300 Control Module	0	x	Alarm	0.065000 A		0.000 A
		x	Standby	0.000000 A	0.0000 A	
		x	Alarm	0.000000 A		0.000 A
Notification Devices Catalog #	Qty					
ST-24-15cd Strobe	0	x	Alarm	0.057 A		0.000 A
ST-30cd Strobe	0	x	Alarm	0.085 A		0.000 A
ST-75cd Strobe	0	x	Alarm	0.135 A		0.000 A
ST-110cd Strobe	0	x	Alarm	0.182 A		0.000 A
HS-15cd Horn/Strobe	0	x	Alarm	0.082 A		0.000 A
HS-30cd Horn/Strobe	0	x	Alarm	0.102 A		0.000 A
HS-75cd Horn/Strobe	0	x	Alarm	0.148 A		0.000 A
HS-110cd Horn/Strobe	0	x	Alarm	0.197 A		0.000 A
AH-24WP Weatherproof Horn	0	x	Alarm	0.080 A		0.000 A
NH-24R Horn, Low	0	x	Alarm	0.018 A		0.000 A
DSM-24R	0	x	Alarm	0.055 A		0.000 A
		x	Alarm			A
Total Standby Current					0.161 A	
Total Alarm Current						2.996 A
Hours of Standby required by NFPA 72 Standards, (4,24 or 60)	X	24	HOURS			
Total A.H required for standby:						3.86 AH
5 Minute of Alarm operation per NFPA 72 Standards	X	5min.	(0.0833 Hours)			
Total A.H required for Alarm:						0.250 AH
Add total standby current and alarm current:						4.11 AH
De-rating factor (20% extra insurance to meet desired performance)	X				1.20%	
Total A.H required for battery back-up						4.93 AH

Notes:

- 1 An additional multiplier is included to compensate for the higher discharge rate in alarm. Battery capacity decreases with age.
- 2 A 4-year old battery can lose up to 50% of its capacity. Compensations should be made to allow for this loss.
- 3 The Standby current + Alarm current must never exceed 4.66 Amps.
- 4 (E) Battery set is 12 AH

VOLTAGE DROP (VD) CALCULATION

PROJ. NAME: ALEXANDER ROSE E.S.
SHEET #:

DEVICE #	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th
GAUGE WIRE	14	14	14	14	14	14	14	14	14	14	14	14	14
DISTANCE (FT)	30	60	60	60	20	30	30	30	20	30	30	30	40
AMPS @ DEVICE	0.148	0.148	0.148	0.148	0.08	0.057	0.082	0.057	0.057	0.057	0.057	0.082	0.148
AMPS DEVELOPED	1.289	1.121	0.973	0.825	0.677	0.597	0.54	0.498	0.401	0.344	0.287	0.23	0.148
VOLT. DROP	0.1918728	0.3386904	0.2942352	0.24948	0.0882416	0.0502894	0.081648	0.0562466	0.0503312	0.0346762	0.0433944	0.034776	0.0298368

SIGNAL CIRCUIT # REF:
TOTAL CKT V.D.= 1.5872976
CKT VOLTAGE= 20.4
VOLTAGE AT FINAL DEVICE= 18.812702
%VOLTAGE DROP= 7.7808706

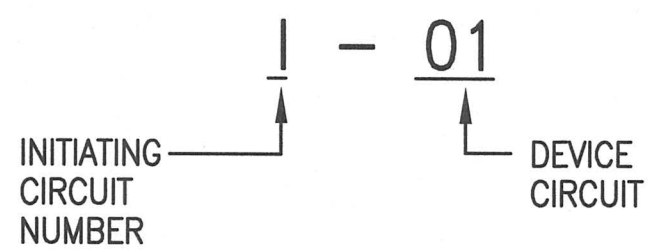
EQUIPMENT LIST

MANUFACTURER	MODEL	DESCRIPTION	CSFM NUMBER
Firelite	MS-9200	(E) Fire Alarm Control Panel	DISCONTINUED
AES	7788F	Wireless Fire Alarm Monitoring	7300-1516:0108
System Sensor	5602	High, Fixed Temperature Heat Detector	7272-1653:0167
Firelite	B210LP	Base, Detector, Addressable	7272-0075:0194
Firelite	SD-355	Smoke Detector Head, Photoelectric, Analog	7272-0075:0194
Firelite	CMF-300	Control Module	7300-0075:0185
Firelite	MMF-301	Monitor Module	7300-0075:0185
Wheelock	HS	Horn Strobe	7125-0785:0168
Wheelock	ST	Strobe	7125-0785:0168
Wheelock	AH-24WP-R	Horn, Weatherproof	7125-0785:0131
Wheelock	WBB-R	Back Box, Exterior	
West Penn	D990	Cable, 1 PR 16 AWG Twisted pair Type FPL	7161-0859:0101
West Penn	994S	Cable, 1 PR 14 AWG Twisted pair Type FPL	7161-0859:0101
	THHN/THWN	#12 SOLID, BLACK	
	THHN/THWN	#12 SOLID, RED	

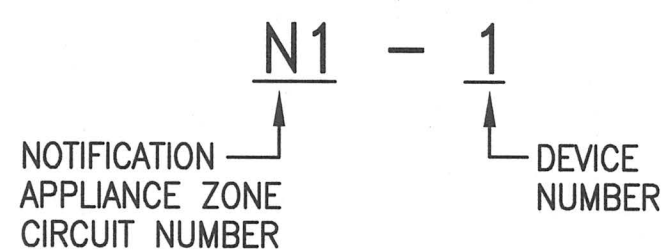
FIRE ALARM WIRING LEGEND

SYMBOL	WIRE TYPE	USED ON
	2-CONDUCTOR, #16 TWISTED PAIR UNSHIELDED (D990)	ADDRESSABLE ALARM INITIATING DEVICES: - SMOKE DETECTORS - INTERFACE MODULES - PULL STATION
	2-CONDUCTOR, #16 TWISTED PAIR UNSHIELDED (AQ225)	ADDRESSABLE ALARM INITIATING DEVICES: - SMOKE DETECTORS - INTERFACE MODULES - PULL STATION
	2-CONDUCTOR, #14 AWG UNSHIELDED (994S)	AUDIO/VISUAL FROM NAC INDICATING DEVICES: - (SYNC HORN/STROBE CIRCUITS)
	2-CONDUCTOR, #12 AWG SOLID, THWN (GROUNDED WIRE)	120 VAC POWER WIRING TO: - F.A. CONTROL PANEL - POWER SUPPLY PANEL

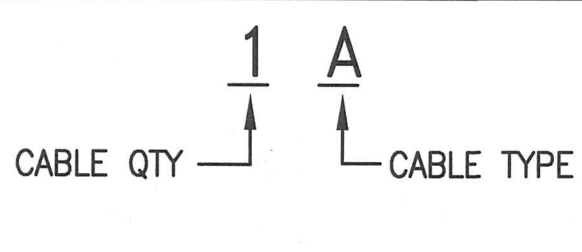
INITIATING DEVICE LABEL



NAC DEVICE LABEL



CABLE DESIGNATION



ARTiK
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394-A Umbarger Rd
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www.ArtikA3.com

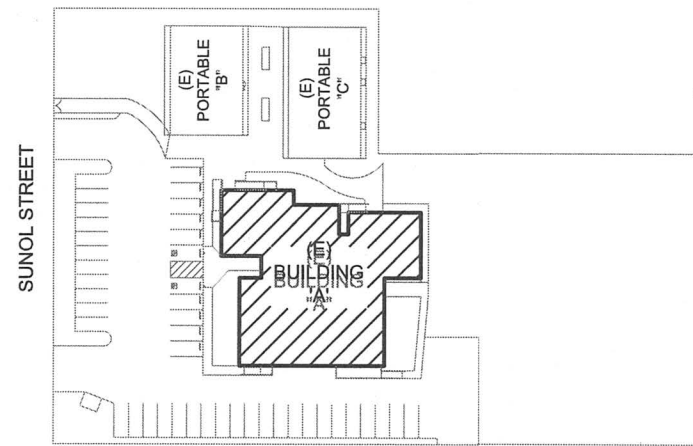
Consultant Seal

AE Alliance
Engineering
Consultants, Inc.
4701 Patrick Henry Drive, Bldg. 10
Santa Clara, CA 95054
PROJECT NO. 175-17-02
phone (408) 970-8888
fax (408) 970-8916
www.aec-engineers.com

Legend



Key Plan



Project Title

**SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE**
258 SUNOL STREET
SAN JOSE, CA 95126
**SANTA CLARA COUNTY
OFFICE OF EDUCATION**

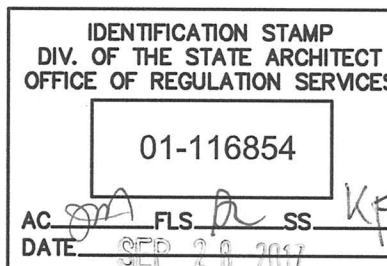
No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

**FIRE ALARM VOLTAGE DROP,
BATTERY CALCULATION,
LEGEND AND EQUIPMENT LIST**

Regulatory Agency Approval

Architect Seal



File Number

Drawing No

Application Number

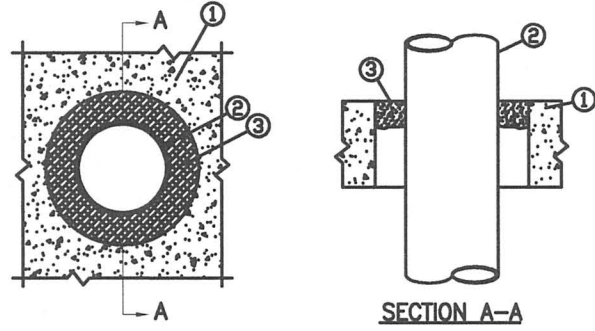
Project No.
06307

Date
06/27/2017

FA3.1

THROUGH-PENETRATION FIRESTOP SYSTEM DETAILS

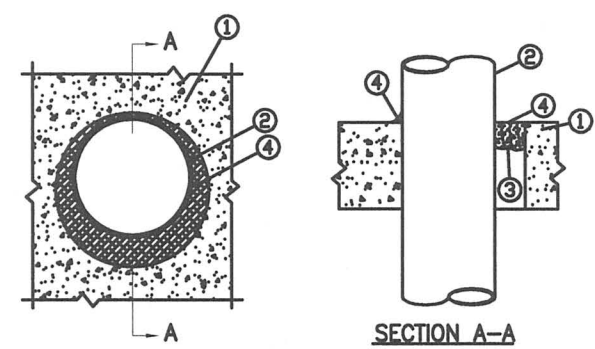
System No. C-AJ-1027
(Formerly System No. 202)
F RATING - 3 HOUR
T RATING - 0 HOUR



- FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAX THROUGH OPENING SIZE IS 12.4 SQ. IN.
SEE CONCRETE BLOCKS (CAZT) CATEGORY IN FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS.
- PIPE OR CONDUIT - NOM. 10 IN. DIA. (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIA. (OR SMALLER) RIGID STEEL CONDUIT, NOM 4 IN. DIA. (OR SMALLER) STEEL EMT OR NOM 3 IN. DIA. (OR SMALLER) TYPE L (OR HEAVIER) COPPER PIPE. MAX ONE PIPE OR CONDUIT PER THROUGH OPENING. MAX ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF OPENING IS 3/4 IN. MIN ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF OPENING IS 0 IN. (POINT CONTACT). PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.
- FILL VOID OR CAVITY MATERIALS - PUTTY-MOLDABLE PUTTY MATERIAL KNEADED BY HAND AND APPLIED TO FILL ANNULAR SPACE TO A MIN DEPTH OF 1 IN FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLIES, REQUIRED PUTTY THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL.
MINNESOTA MINING & MFG. CO.- MPS-2+.
BEARING THE UL CLASSIFICATION MARKING.

SYSTEM NO. CAJ1044
(Formerly System No. 319)

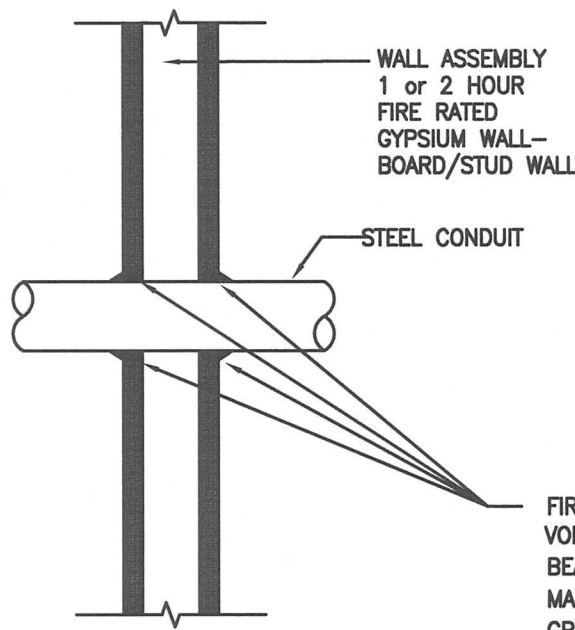
T RATING - 0 HR
L RATING AT AMBIENT - 2 CFM/SQ FT (SEE ITEM 4)
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT (SEE ITEM 4)



- FLOOR WALL ASSEMBLY-LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. EXCEPT AS NOTED IN TABLE UNDER ITEM 4, MIN THICKNESS OF SOLID CONCRETE FLOOR OR WALL ASSEMBLY IS 4-1/2 IN. FLOOR MAY ALSO BE CONSTRUCTED OF ANY MIN 6 IN. THICK UL CLASSIFIED HOLLOW-CORE, PRECAST CONCRETE UNITS. WHEN FLOOR IS CONSTRUCTED OF HOLLOW-CORE PRECAST CONCRETE UNITS, PACKING MATERIALS (ITEM 3) AND CAULK FILL MATERIAL (ITEM 4) TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF THE FLOOR, FLUSH WITH FLOOR SURFACE. WALL ASSEMBLY MAY ALSO BE CONSTRUCTED OF CLASSIFIED CONCRETE BLOCKS. MAX DIA. OF OPENING IS 32 IN.
SEE CONCRETE BLOCKS (CAZT) AND PRECAST CONCRETE UNITS (CFTV) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURER
 - STEEL SLEEVE - (OPTIONAL NOT SHOWN) NOM 16 IN. (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 2 IN. ABOVE TOP FLOOR OR BEYOND EITHER SURFACE OF WALL.
 - PIPE OR CONDUIT - NOM 30 IN DIA. (OR SMALLER) CAST IRON OR SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 6 IN. DIA. (OR SMALLER) STEEL CONDUIT, NOM 3 IN. DIA. (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBE OR NOM 4 IN. DIA. (OR SMALLER) STEEL ELECTRICAL METAL TUBING. MAX ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING NOT TO EXCEED 2 IN. MIN ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING IS 0 IN. (POINT CONTACT). PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDE OF FLOOR OR WALL ASSEMBLY.
 - PACKING MATERIAL - POLYETHYLENE BACKER ROD OR NOM 1 IN. THICKNESS OF TIGHTLY-PACKED MINERAL WOOL BATT OR GLASS FIBER INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OF FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF CAULK FILL MATERIAL (ITEM 4).
 - FILL VOID OR CAVITY MATERIAL - CAULK - APPLIED TO FILL THE ANNULAR SPACE FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLIES, REQUIRED CAULK THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL, FLUSH WITH WALL SURFACE. THE HOURLY F RATING AND THE MIN REQUIRED CAULK THICKNESS ARE DEPENDENT UPON A NUMBER OF PARAMETERS, AS SHOWN ON THE FOLLOWING TABLE.
- | MIN FLOOR OR WALL THKNS, IN | NOM PIPE TUBE OR CONDUIT DIA. IN | MAX ANNULAR SPACE, IN | MAX CAULK THKNS, IN | F RATING, HR |
|-----------------------------|----------------------------------|-----------------------|---------------------|--------------|
| 2-1/2 | 1/2-12 | 1-3/8 | 1/2 | 2 |
| 2-1/2 | 1/2-12 | 2-7/8 | 1 | 2 |
| 4-1/2 | 1/2-8 | 1-3/8 | 1/4(a) | 2 |
| 4-1/2 | 1/2-12 | 1-1/4 | 1/2 | 3 |
| 4-1/2 | 1/2-20 | 2 | 1 | 3 |
| 4-1/2 | 22-30 | 2 | 2 | 3 |
| 5-1/2 | 1/2-6 | 1-3/8 | 1(b) | 4 |
- (a) MIN 2 IN THICKNESS OF MINERAL-WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE.
(b) MIN 1 IN. THICKNESS OF MINERAL-WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. MIN 1IN. THICKNESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE FLOOR OR WALL ASSEMBLY.
- MINNESOTA MINING & MANUFACTURING CO - TYPES CP-25 WB, CP-25 WB+.
(NOTE: L RATING AND OR USE OF OPTIONAL SLEEVE APPLY ONLY WHEN TYPE CP-25WB+ CAULK IS USED).

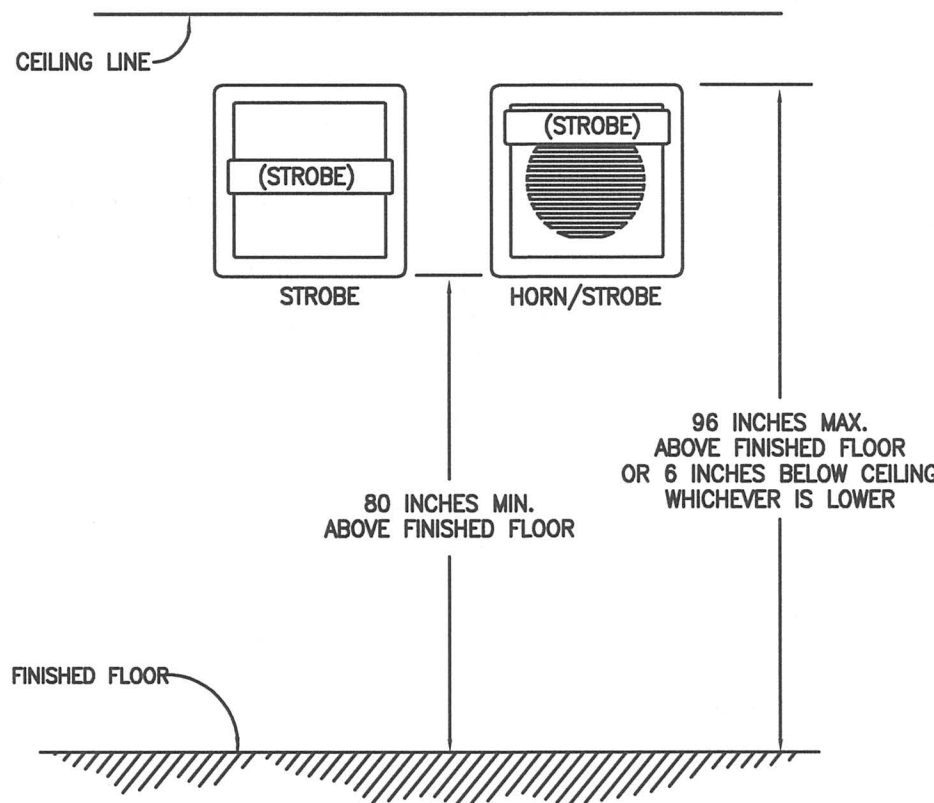
SYSTEM NO. WL1001
(Formerly System No. 147)

F RATING - 1 & 2 HOUR
T RATING - 0, 1, 1-1/2 & 2 HOUR

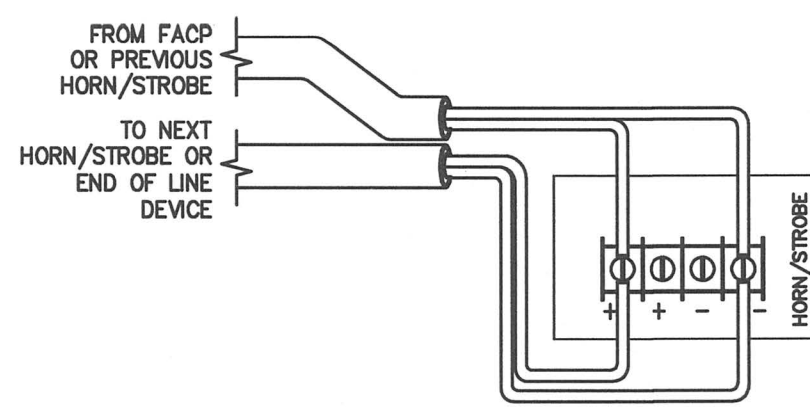


- SEAL ALL PENETRATIONS IN ACCORDANCE WITH APPLICABLE CODES TO PRESERVE ORIGINAL FIRE HOUR RESISTANCE OF WALLS, FLOORS OR CEILINGS. USE UL DIRECTOY ASSEMBLY NOS. 49 & 328, AS APPLICABLE FOR ALL FIRE WALL PENETRATIONS.
- AT FIRE SEPARATION WALLS, WRAP CONDUIT WITH 3M CONDUIT WRAP F3-195 TO WITHIN 1/4" OF OPENING; FILL THE GAP AND COVER EDGE OF WRAP WITH 3M-CP25 CAULK AND/OR #303 PUTTY.

MISCELLANEOUS DETAILS



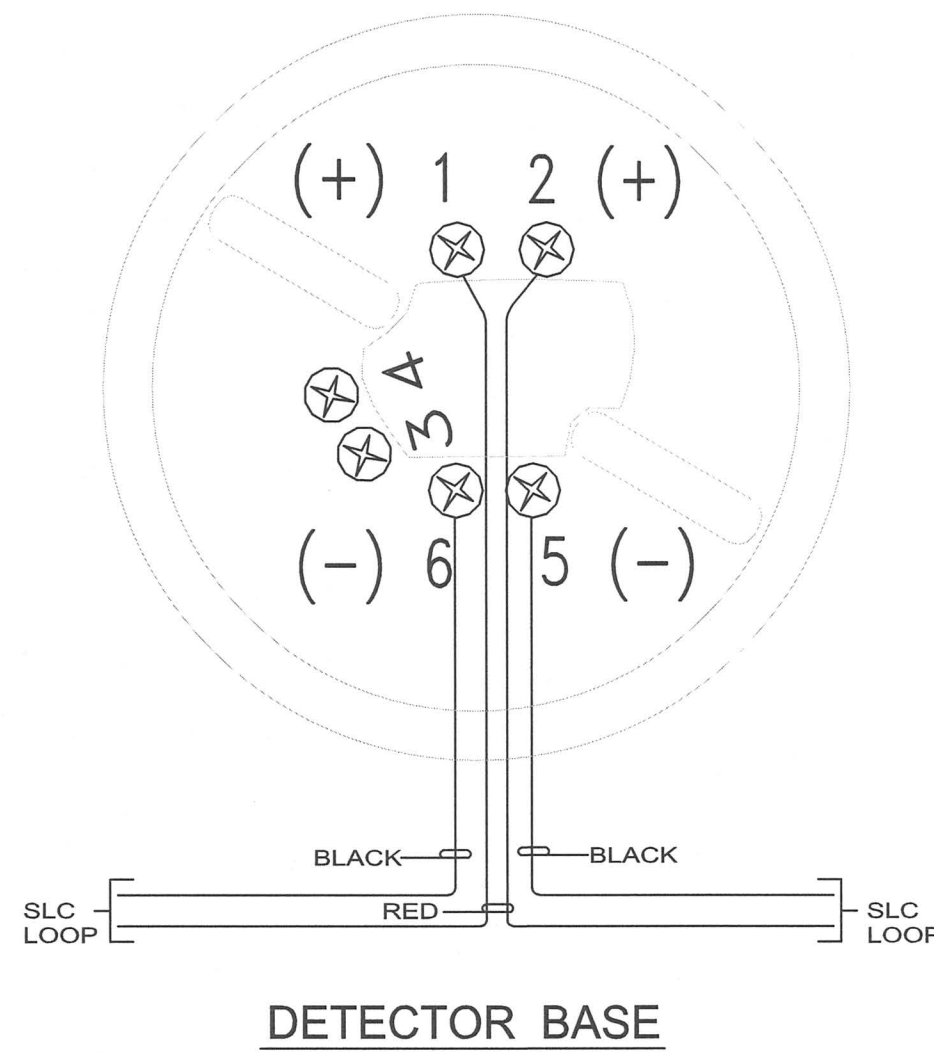
TYPICAL MOUNTING ELEVATION DETAIL OF STROBE & HORN/STROBE



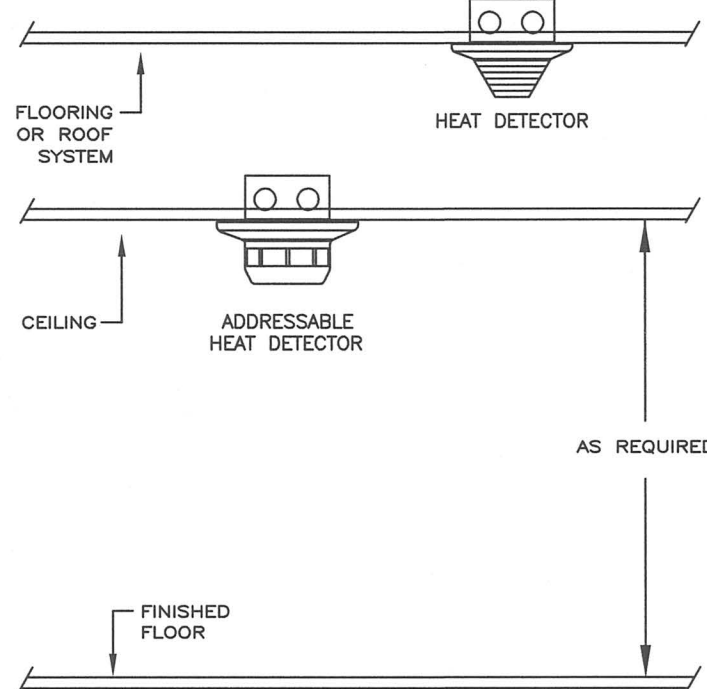
NOTE:

- STROBE CIRCUIT COMING FROM THE NAC USE: 24K, END OF LINE DEVICE.

HORN/STROBE, STROBE & HORN DETAILS



DETECTOR BASE



ADDRESABLE & CONVENTIONAL DETECTORS MOUNTING DETAIL

ARTiK
ART & ARCHITECTURE
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

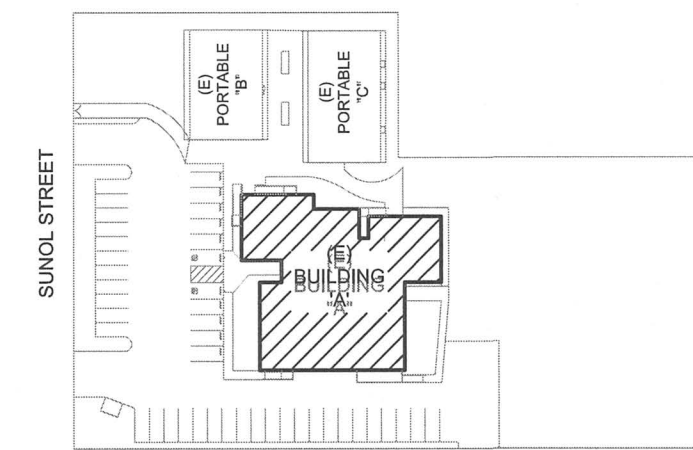
Consultant Seal

EC Alliance
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4701 Patrick Henry Drive, Bldg. 10 Santa Clara, CA 95054
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PROJECT NO. 175-17-02 www.aec-engineers.com

Legend



Key Plan



Project Title

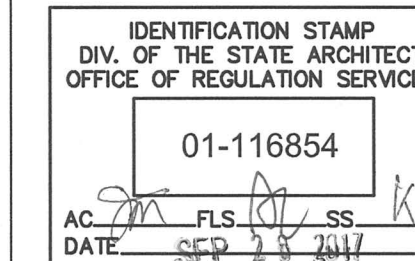
SUNOL
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RESTROOMS UPGRADE
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SANTA CLARA COUNTY
OFFICE OF EDUCATION

No	Revisions/Submissions	Date
1	DSA SUBMITTAL	06/28/2017
2	DSA BACKCHECK SUBMITTAL	09/28/2017

Drawing Title

FIRE ALARM DETAILS

Regulatory Agency Approval



Architect Seal



File Number

Application Number

Project No.

Date

06307

06/27/2017

Drawing No

FA4.1