

2018 HVAC - Pomona

PUBLIC MEETING

ARA ZARECZNY – DIRECTOR OF FACILITIES

2018 HVAC Upgrades

Project Description:

Heating, Ventilation and Air Conditioning (HVAC) projects include the complete replacement of systems at various schools.

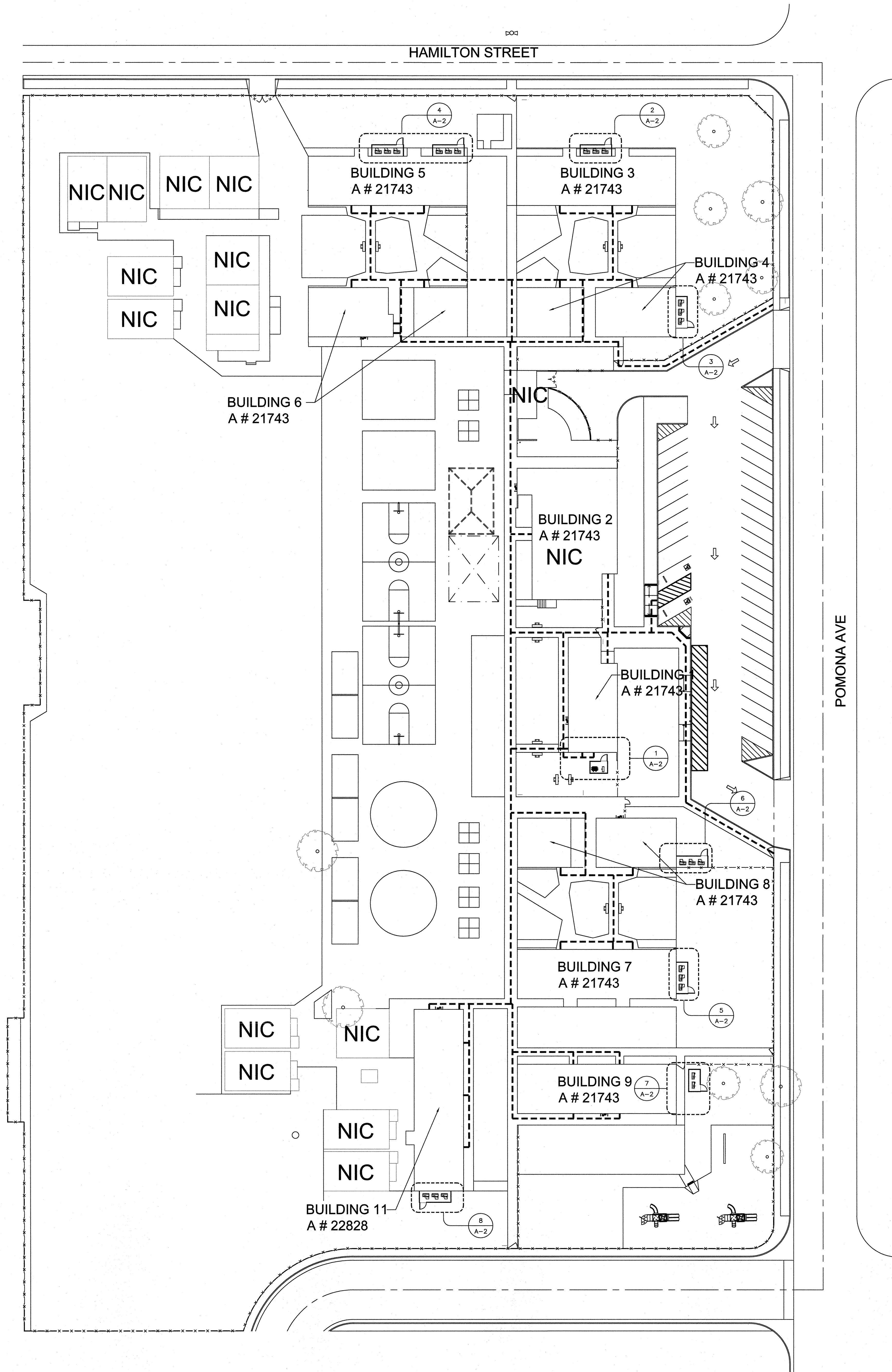
Anticipated Heating, Ventilation and Air Conditioning (HVAC) Installation Plan

Below is the Newport-Mesa Unified School District's anticipated phased-in plan for installing Heating, Ventilation and Air Conditioning (HVAC) in all schools and district facilities. **Please note that the following schedule is tentative and subject to change due to varying unforeseen factors.**

SCHOOL	HVAC	NOTES
California	Yes	Completed Summer, 2015
TeWinkle	Yes	Completed Summer, 2015
Killybrooke	Yes	Completed Summer, 2015
ECHS	Yes	Completed as part of modernization in 2016
Paularino	Yes	Summer Completed Summer, 2016
Sonora	Yes	Completed Summer, 2016
Adams	Yes	Completed Summer, 2016
Victoria	Yes	Had HVAC prior to projects
Rea	Yes	Had HVAC prior to projects
Eastbluff	Yes	Had HVAC prior to projects
Andersen	Yes	Had HVAC prior to projects
Lincoln	Yes	Had HVAC prior to projects
Newport Coast	Yes	Had HVAC prior to projects
Estancia	Yes	Had HVAC prior to projects
Corona del Mar HS/MS	Yes	Had HVAC prior to projects
Davis Magnet	Anticipated Completion 2018	In design
College Park	Anticipated Completion 2018	In design
Wilson	Anticipated Completion 2018	In design
Pomona	Anticipated Completion 2018	In design
Kaiser	Anticipated Completion 2018	In design
Woodland	Anticipated Completion 2018	In design
Whittier	Anticipated Completion 2019	
Mariners	Anticipated Completion 2019	
Newport Heights	Anticipated Completion 2019	
Ensign	Anticipated Completion 2019	
Newport El	Anticipated Completion 2019	
Harbor View	Anticipated Completion 2019	
Back Bay	Anticipated Completion 2019	
Costa Mesa HS/MS	Anticipated Completion 2020	Partial HVAC; full HVAC anticipated 2020
Newport Harbor	Anticipated Completion 2021	Partial HVAC; full HVAC anticipated 2021



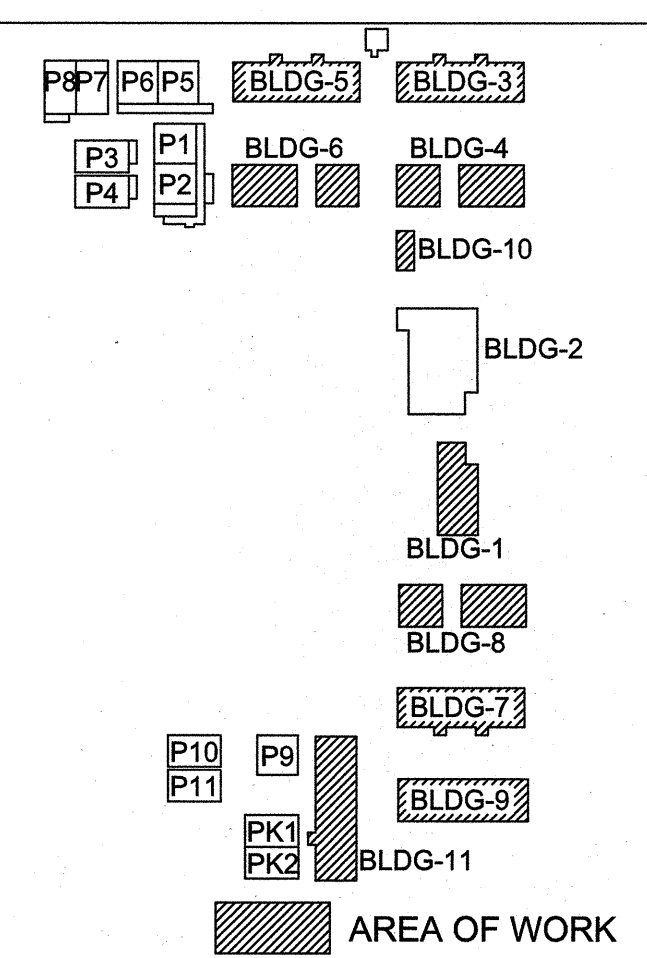




FENCE ENCLOSURE SITE PLAN

1"=30'-0"

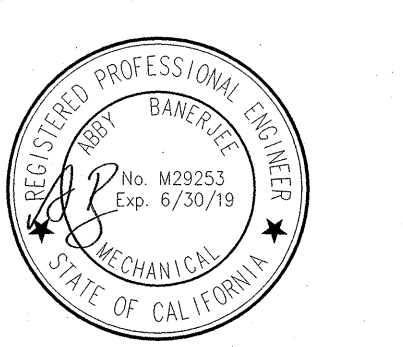
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KEY PLAN

NOT TO SCALE

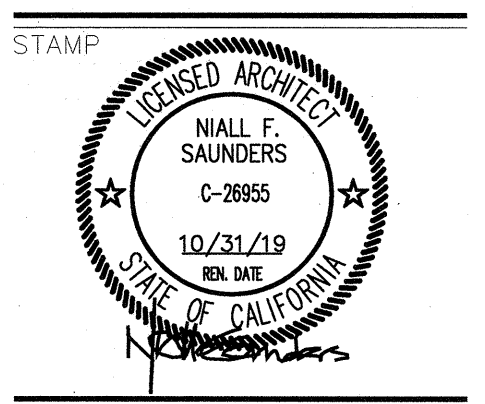
STAMP



PROJECT NAME:

POMONA
ELEMENTARY SCHOOL
2051 POMONA
COSTA MESA, CA 92627

No.	Rev.	Date	Description
2017-09-26	1ST DSA SUBMITTAL		
2018-01-23	DSA BACKCHECK		
JOB NO:	570037		
DATE:	2018-01-23		
DRAWN:			
CHECK:			
ARCHITECT:	SWA		
ENGINEER:	OED		



STATE: IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP # 4-116610

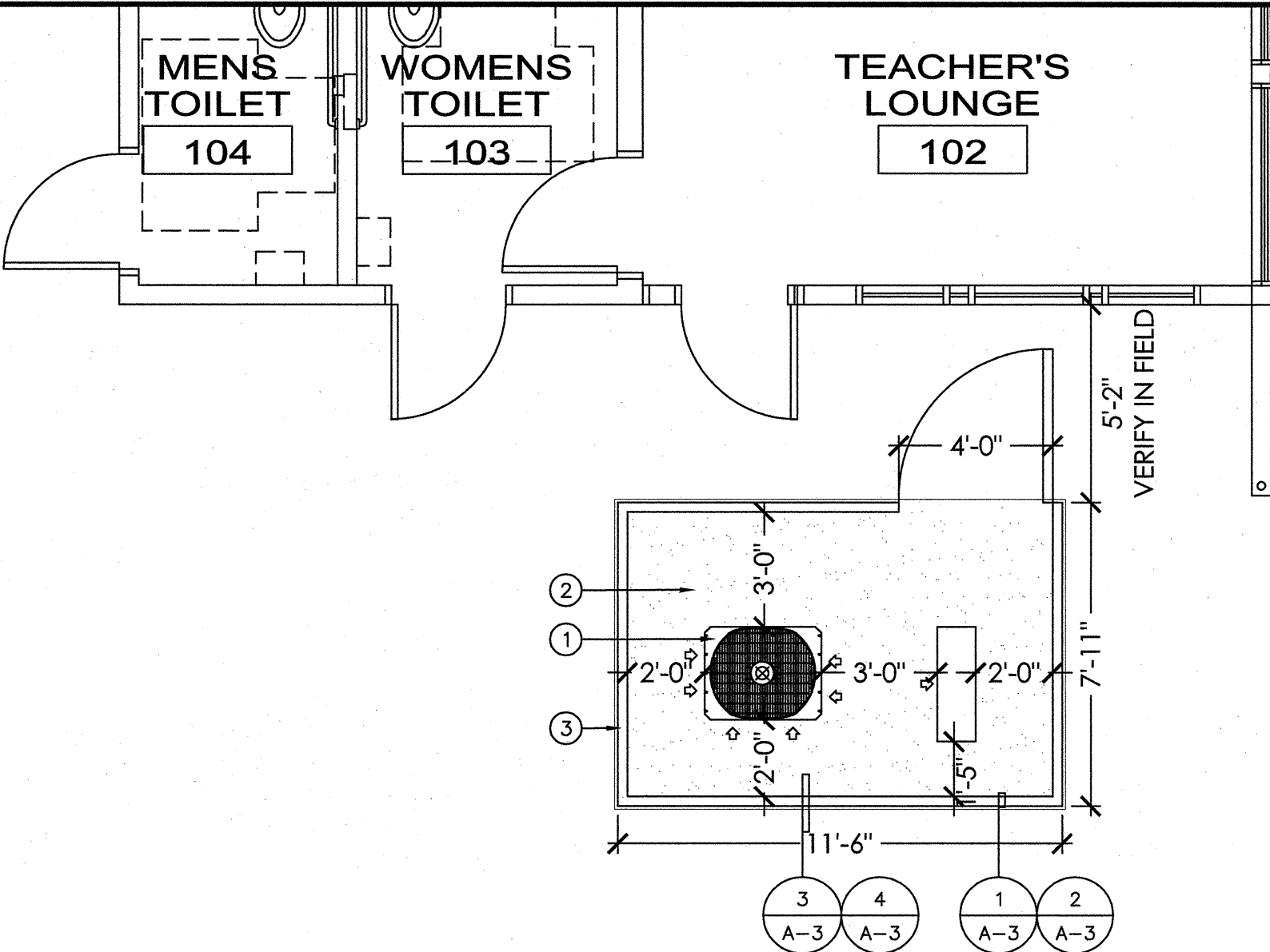
AC FLS SS
DATE JAN 23 2018

SHEET DESCRIPTION:

FENCE
ENCLOSURE
SITE PLAN

SHEET NO:

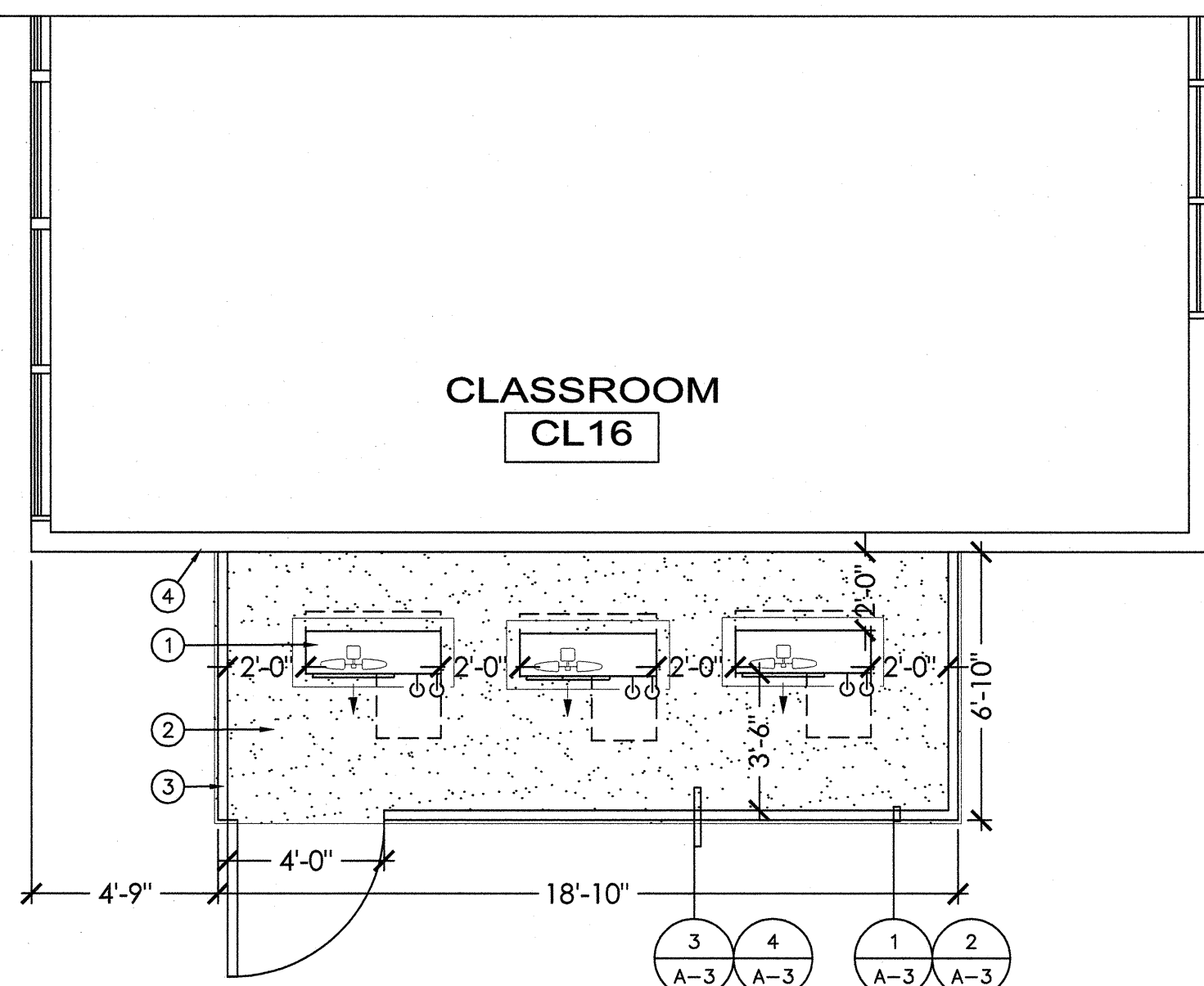
A-1



BUILDING 1 REMODEL FLOOR PLAN

1/4" = 1'-0"

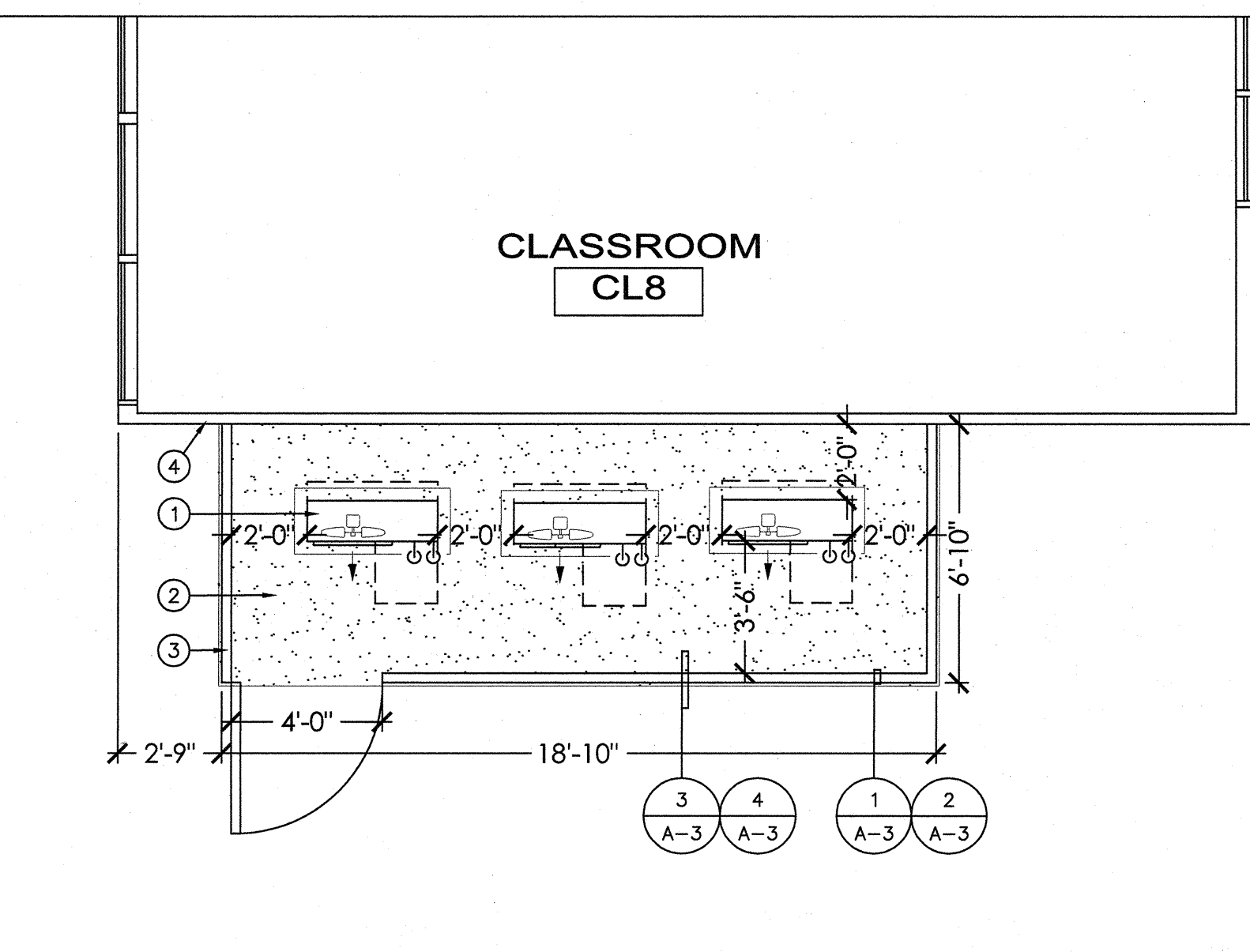
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BUILDING 4 REMODEL FLOOR PLAN

1/4" = 1'-0"

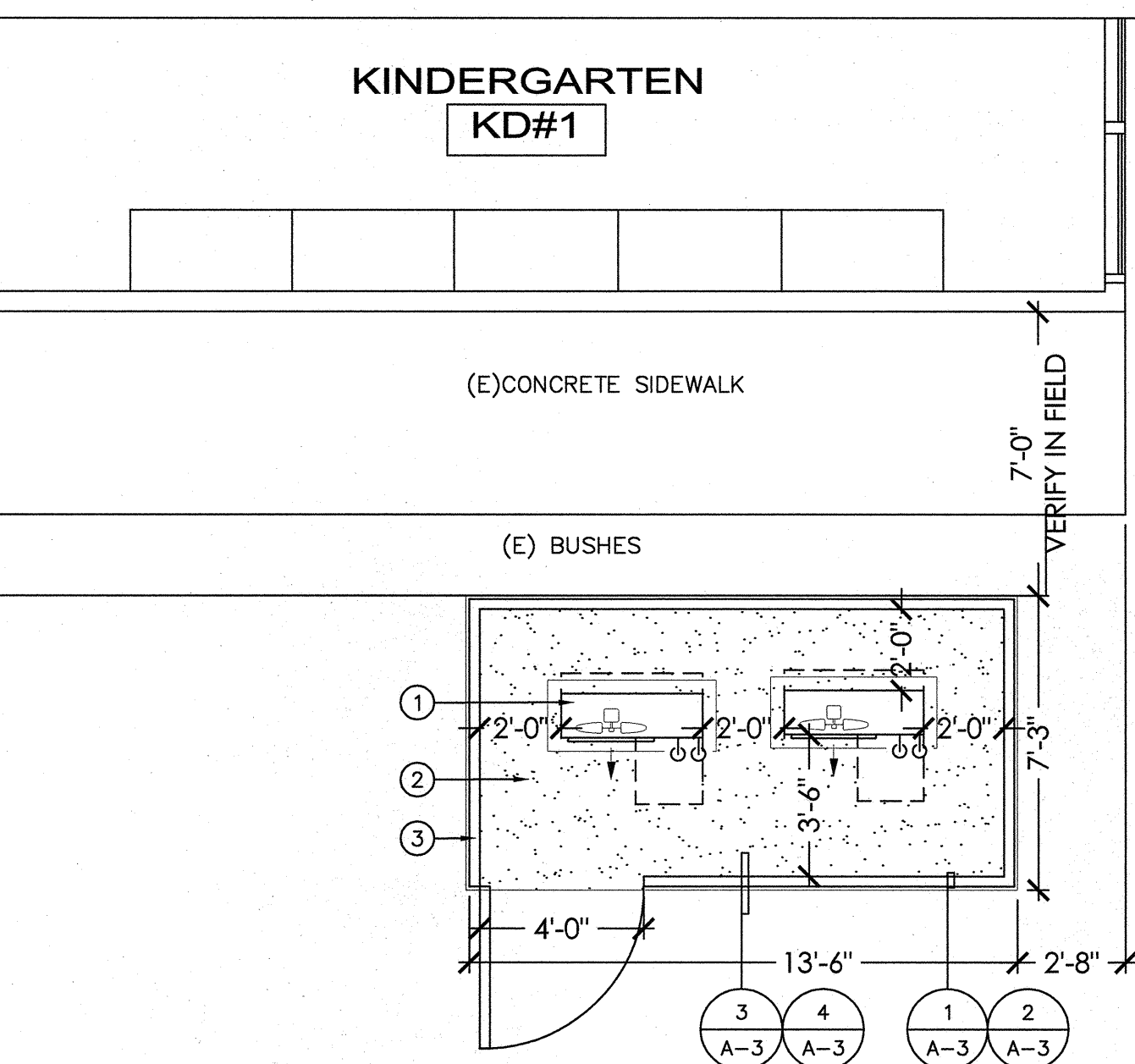
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BUILDING 7 REMODEL FLOOR PLAN

1/4" = 1'-0"

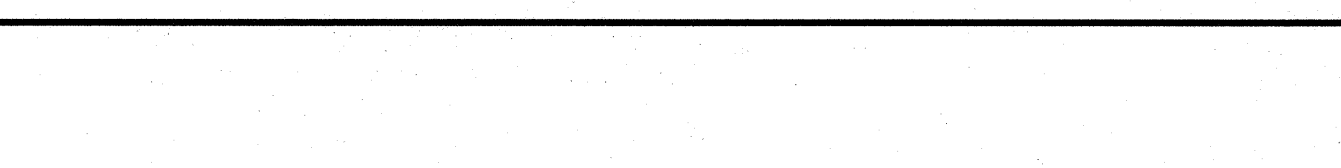
5



BUILDING 9 REMODEL FLOOR PLAN

1/4" = 1'-0"

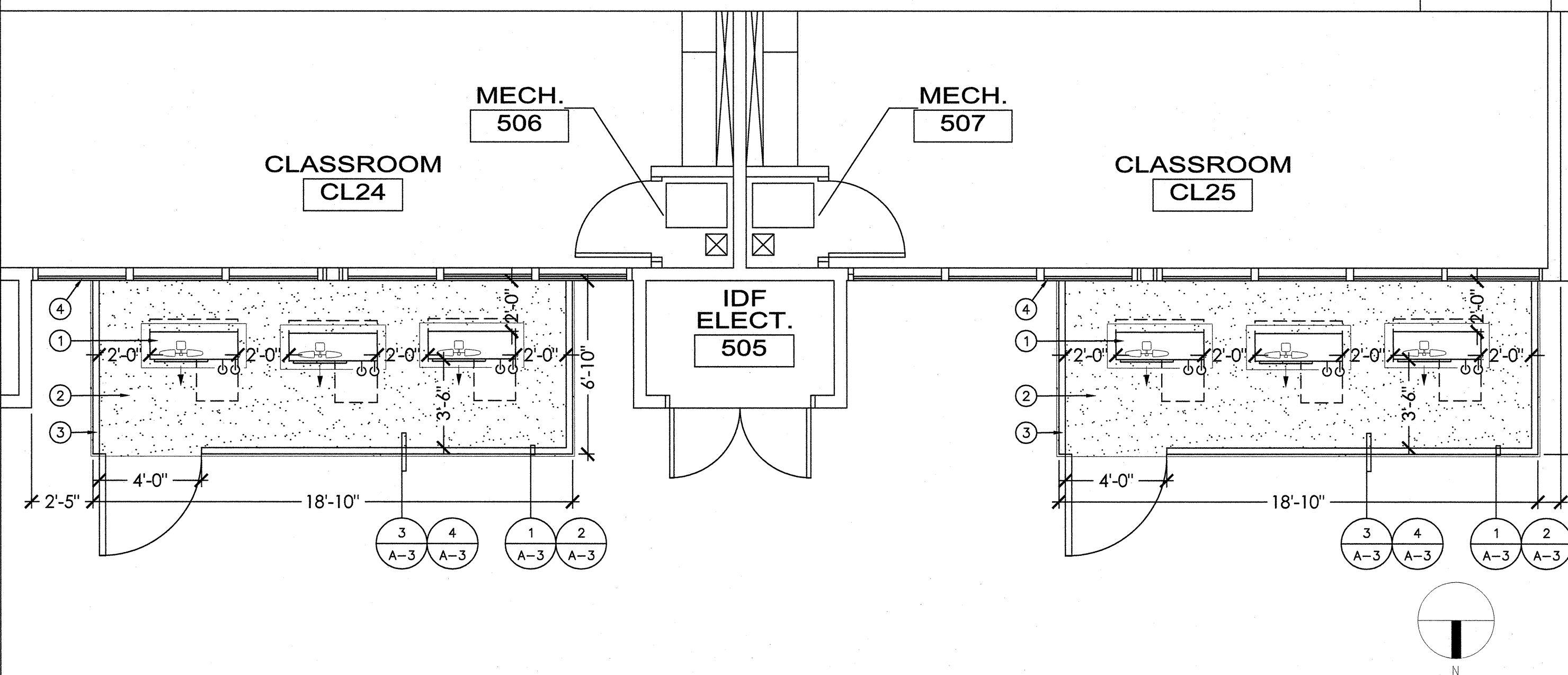
7



BUILDING 3 REMODEL FLOOR PLAN

1/4" = 1'-0"

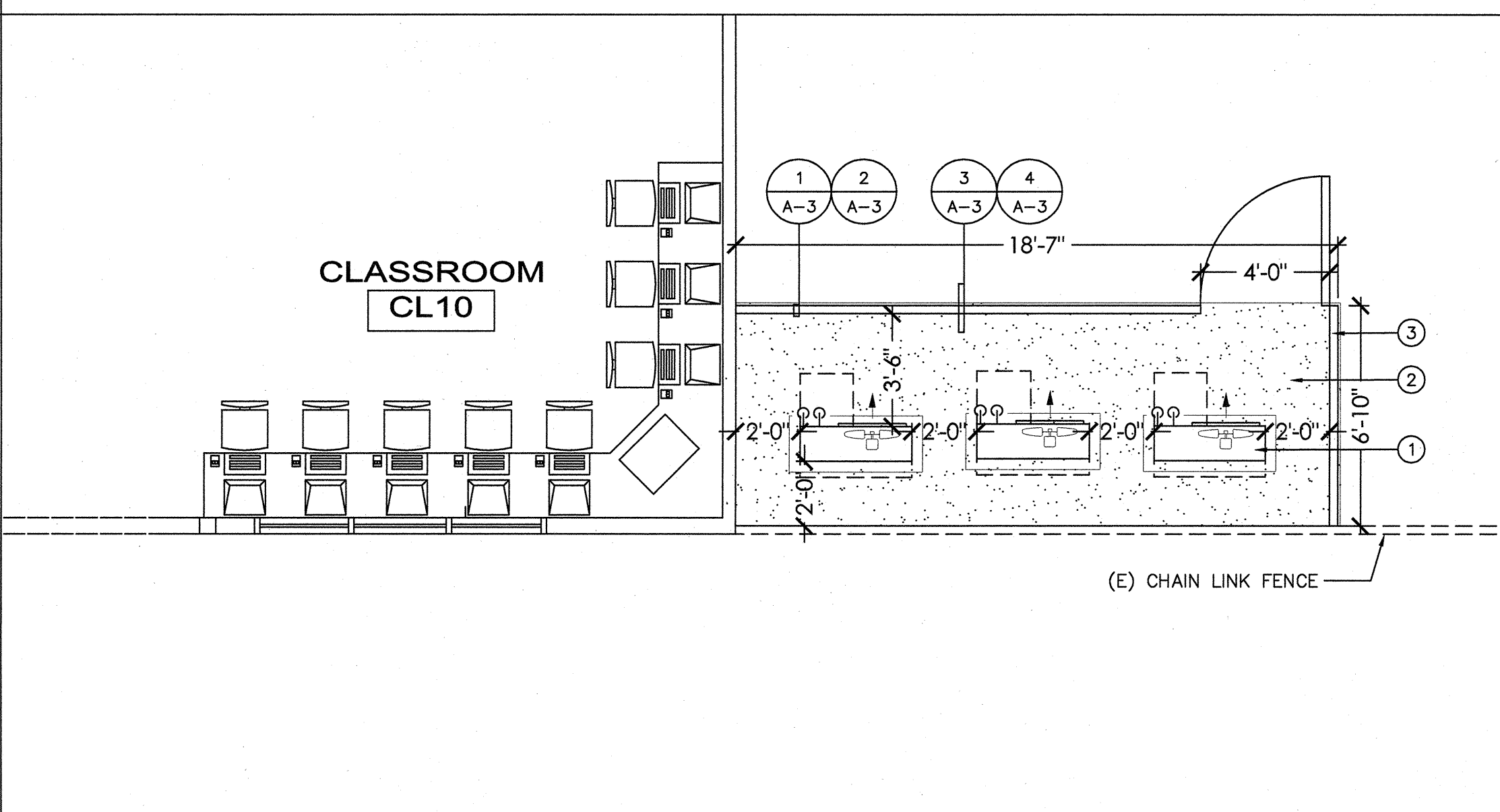
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BUILDING 5 REMODEL FLOOR PLAN

1/4" = 1'-0"

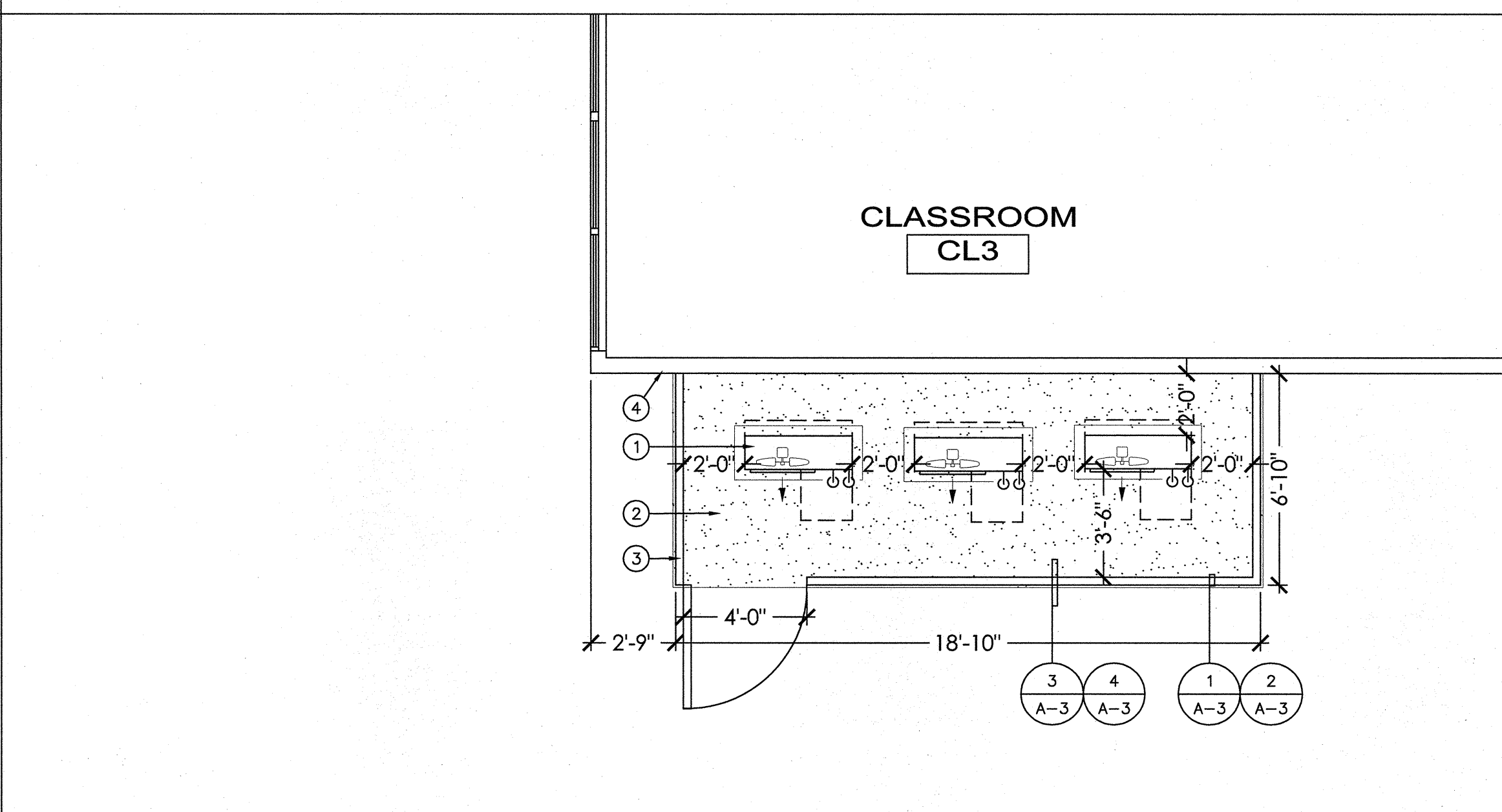
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BUILDING 8 REMODEL FLOOR PLAN

1/4" = 1'-0"

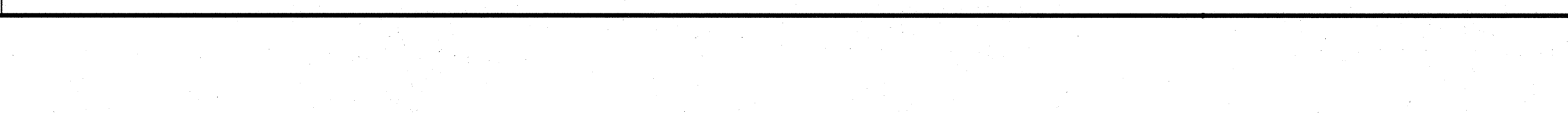
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BUILDING 11 REMODEL FLOOR PLAN

1/4" = 1'-0"

8

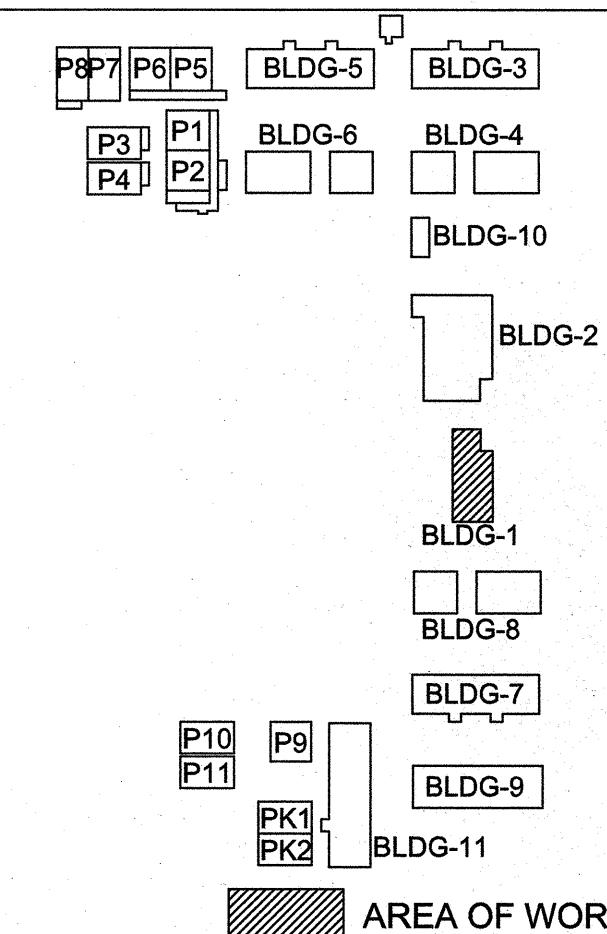


CONSTRUCTION NOTES:

1. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AS NECESSARY PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL ELECTRICAL EQUIPMENT AND SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT.
3. CONTRACTOR SHALL COORDINATE EXACT EQUIPMENT PAD SIZES AND LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL INSULATE ALL REFRIGERANT PIPING SUCTION LINES, AND PROVIDE WEATHER JACKETING FOR ALL REFRIGERANT PIPING.
5. BEFORE BIDDING ON THIS WORK, THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES, EXISTING EQUIPMENT AND SERVICES. HE SHALL DEFINITELY DETERMINE IN ADVANCE, THE METHODS OF INSTALLING AND CONNECTING THE NEW EQUIPMENT, DUCTWORK, AND PIPING THE MEANS TO BE PROVIDED FOR GETTING THE EQUIPMENT AND MATERIALS INTO PLACE AND SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH ALL OF THE REQUIREMENTS OF THE PROJECT. FAILURE TO VISIT THE SITE WILL IN NO WAY RELIEVE THE SUCCESSFUL CONTRACTOR OF THE NECESSITY OF FURNISHING ANY MATERIAL OR PERFORMING ANY WORK THAT MAY BE REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THIS ADDITIONAL SHALL BE PERFORMED WITHOUT ADDITIONAL COST TO THE OWNER.
6. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS AND DIMENSIONS OF ALL EXISTING EQUIPMENT AND ELECTRICAL SERVICES IN THE AREA OF CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
7. PATCH AND REPAIR EXISTING SURFACES AS REQUIRED TO FACILITATE DEMOLITION AND/OR PERFORMANCE OF THE NEW WORK. ALL NEW WORK SHALL MATCH IN KIND, QUALITY AND FINISH U.O.N.

FLOOR PLAN CONSTRUCTION KEY NOTES

1. NEW SPLIT SYSTEM HEAT PUMPS - MOUNT PER MANU. - SEE MECHANICAL.
2. NEW CONCRETE PAD - SEE DETAIL 4A-3
3. NEW CHAIN LINK FENCE ENCLOSURE W/ 48" GATE - BY MASTER HALCO OR EQUIV. - SEE A-3 FOR DETAILS.
4. EXIST. BLDG. FACE TO REMAIN - PROTECT IN PLACE DURING INSTALL.



KEY PLAN

NOT TO SCALE

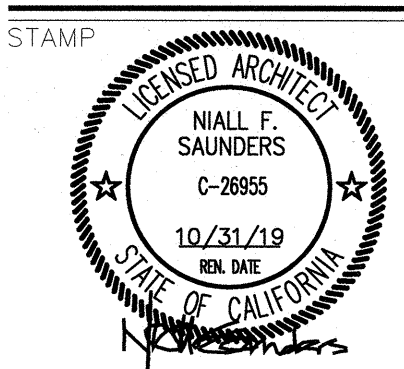
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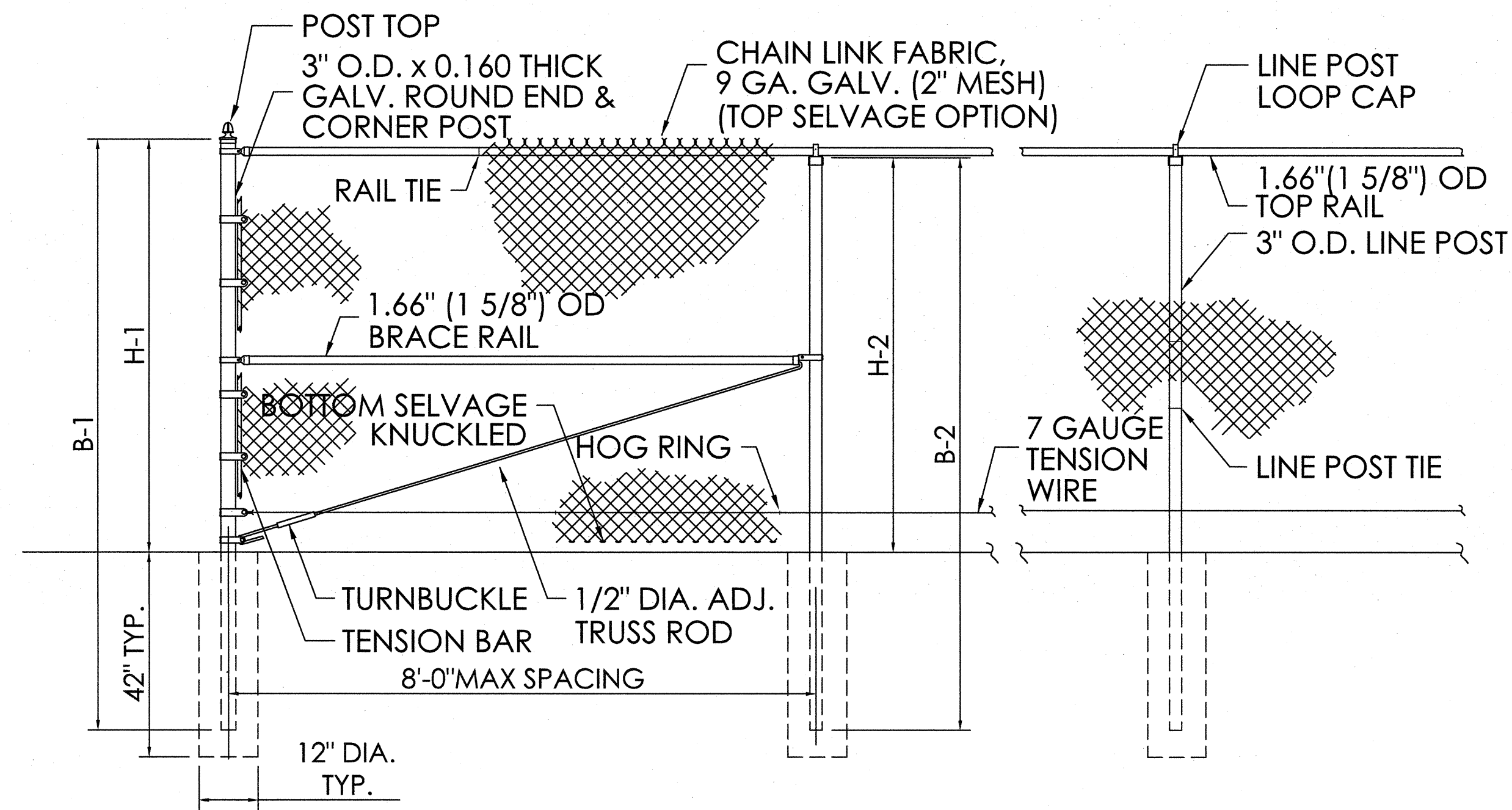
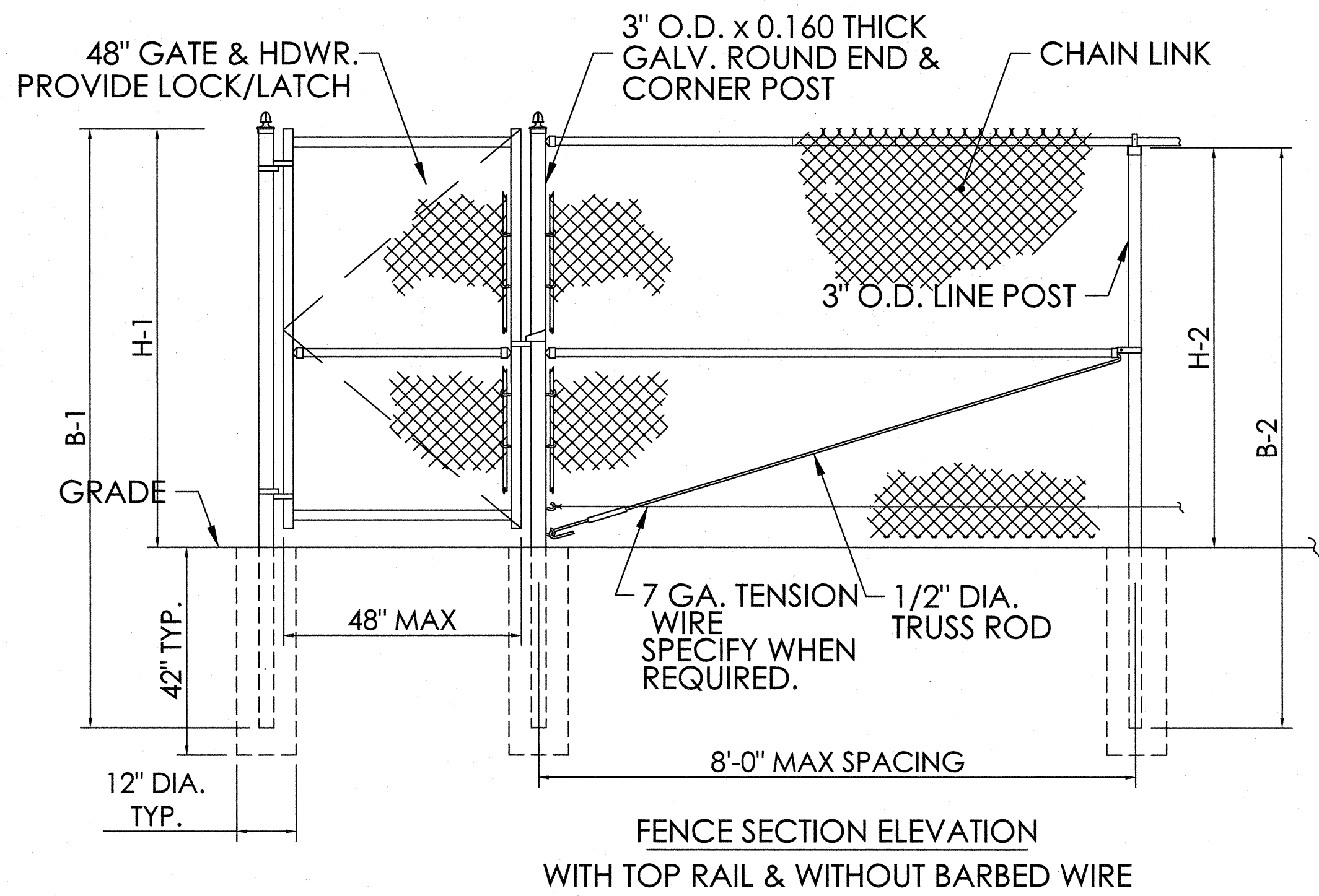
AC FLS. SS
DATE JAN 23 2019

SHEET DESCRIPTION:
FENCE ENCLOSURE PLAN

SHEET NO:

A-2

ALL CHAIN LINK, POLES, ETC. TO BE VINYL COATED IN 'FOREST GREEN' COLOR.



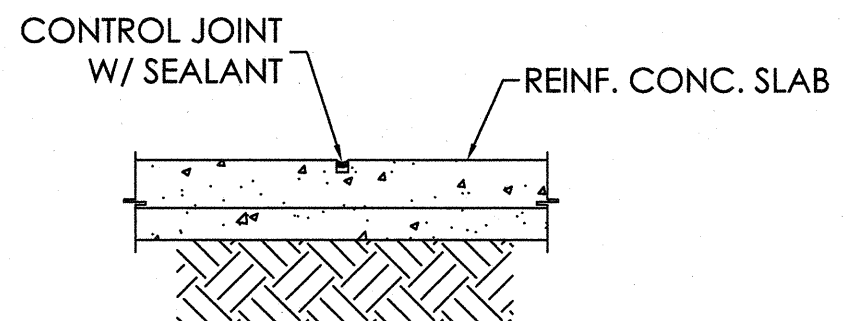
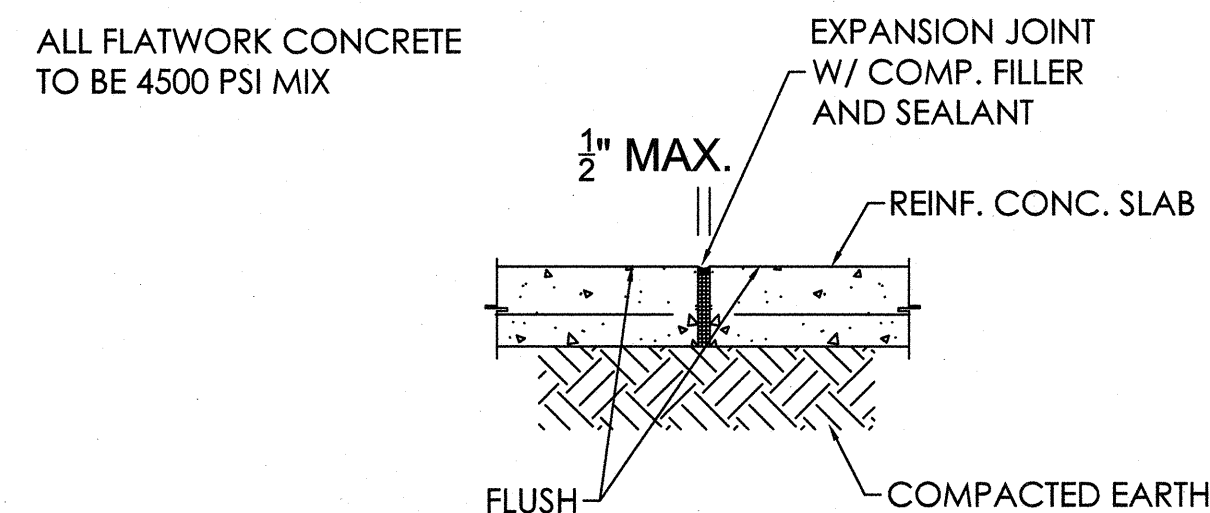
END & CORNER POST TOP OPTIONS		TOP & BOTTOM FABRIC OPTIONS		PRIVACY OPTIONS	
STANDARD	DOME	TWIST	KNUCKLE	STANDARD-POS	FIN/SLAT 1000

FENCE HEIGHT		END & CORNER POSTS		LINE POSTS	
NOMINAL HEIGHT		B-1 BAR LENGTH	H-1 HEIGHT ABOVE GRADE	B-2 BAR LENGTH	H-2 HEIGHT ABOVE GRADE
6'-0"		9'-0"	6'-0 5/8"	8'-10"	5'-8 7/8"

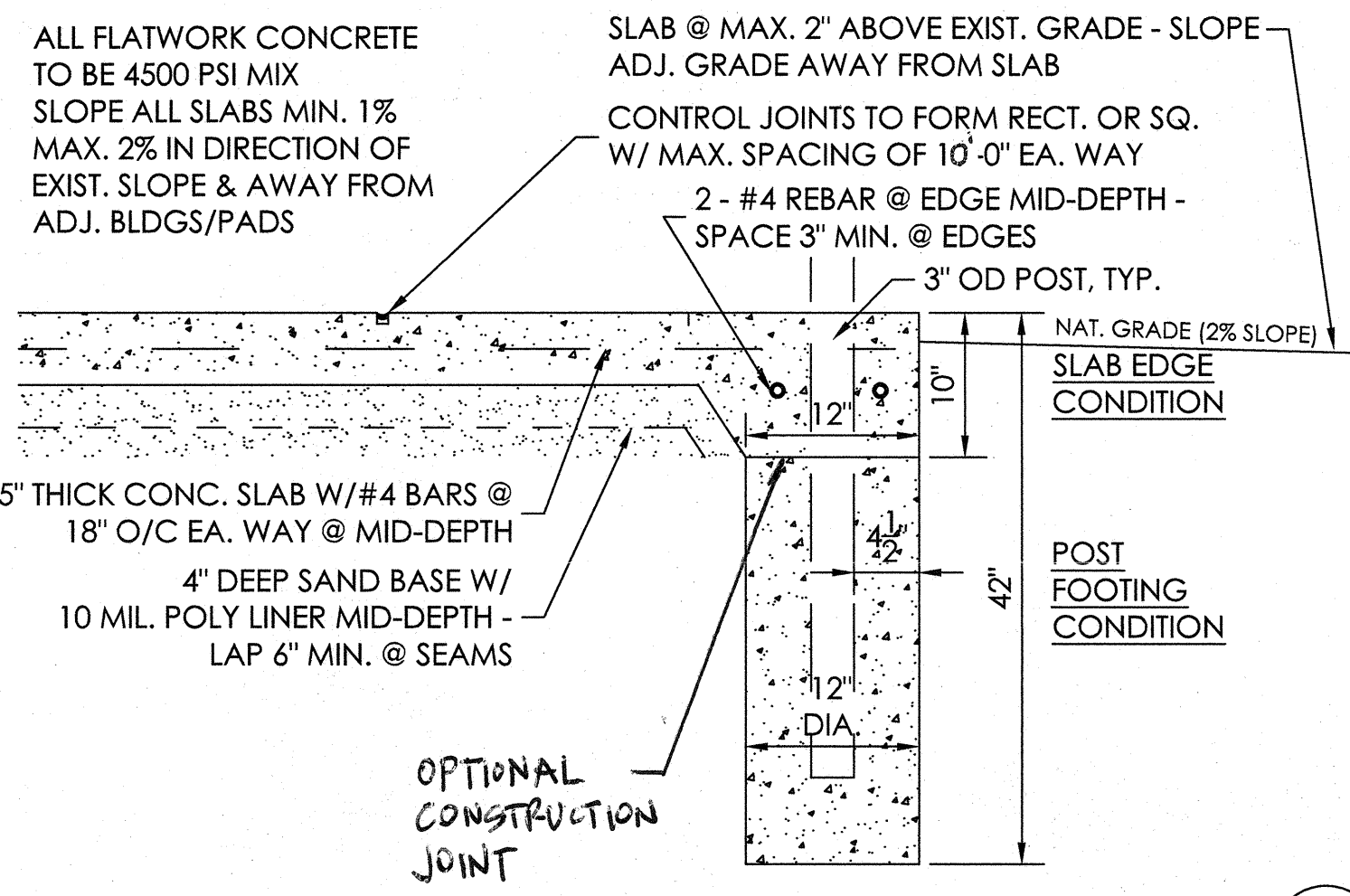
FENCE SECTION ELEVATION - ROUND END POSTS

NOTES:
1. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCO ONLY. 2. FOOTING WIDTH TO BE (4)X POST WIDTH. MINIMUM DEPTH 42".

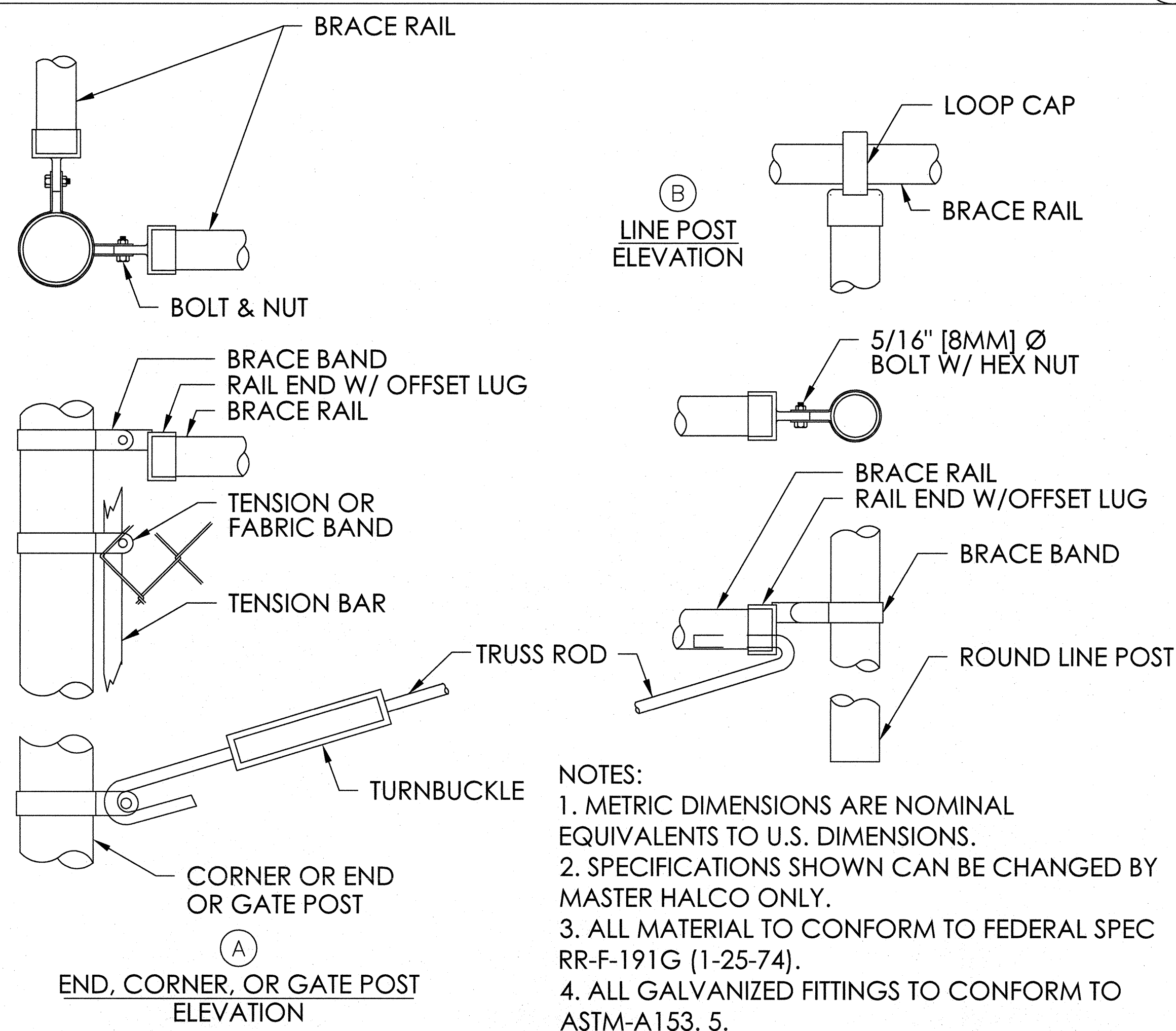
TYPICAL CHAIN LINK FENCE DETAILS 1
SCALE: 1/2"=1'-0" A-3



EXPANSION JOINT / CONTROL JOINT (TYP.) 3
SCALE: 1"=1'-0" A-3

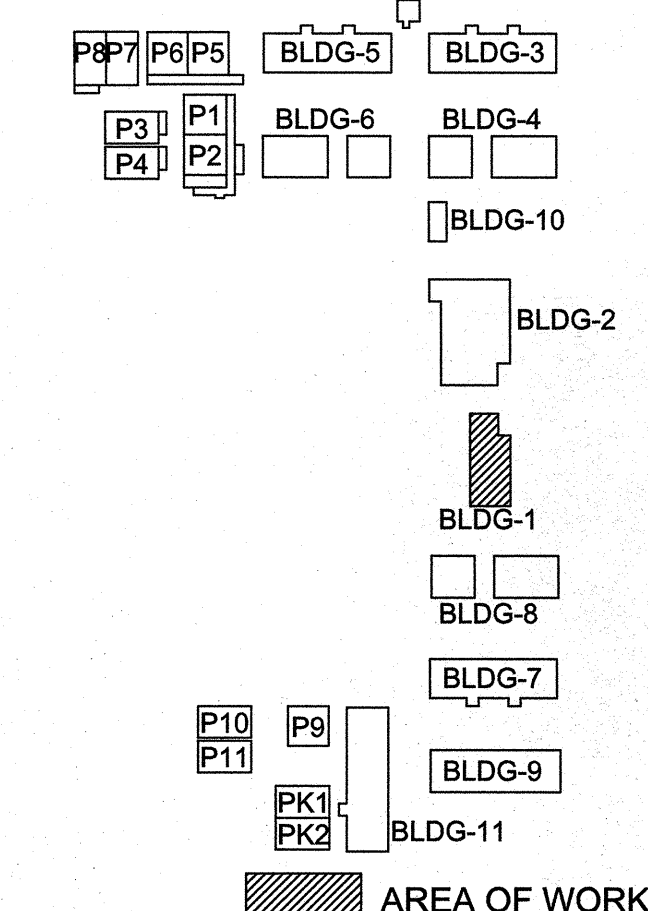


CONCRETE FLATWORK 4
SCALE: 1"=1'-0" A-3



NOTES:
1. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.
2. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCO ONLY.
3. ALL MATERIAL TO CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
4. ALL GALVANIZED FITTINGS TO CONFORM TO ASTM-A153. 5.

ROUND TERMINAL END POSTS 2
SCALE: 1/2"=1'-0" A-3



KEY PLAN

NOT TO SCALE

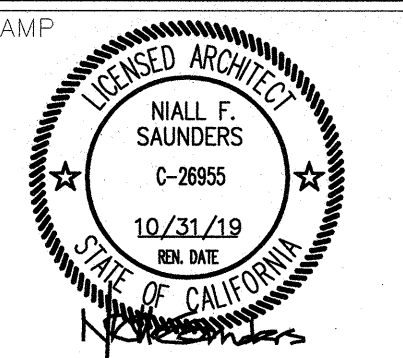
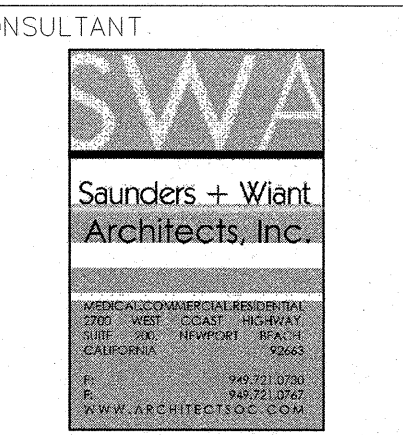
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SHEET DESCRIPTION:
FENCE ENCLOSURE DETAILS

SHEET NO:

A-3