

general notes

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR PERMITTEE TO CONTACT "UNDERGROUND SERVICE ALERT U.S.A." TOLL FREE AT 1-800-227-2600 FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION, FOR LOCATION OF POWER, TELEPHONE, OIL AND NATURAL GAS UNDERGROUND FACILITIES. CONTRACTOR OR PERMITTEE SHALL ALSO CONTACT THE APPROPRIATE AGENCY FOR THE LOCATION OF CABLE T.V., WATER, SEWER, DRAINAGE OR UNDERGROUND FACILITIES.
2. THE CONTRACTOR SHALL POSSESS A CLASS "B" LICENSE AT THE TIME THE CONTRACT IS AWARDED.
3. ALL WORK SHALL BE IN CONFORMANCE WITH '98 EDITIONS OF THE CALIFORNIA BUILDING CODES BASED ON '97-UBC, UMC, UPC & '96 NEC

M_{etric} datum: (not used)

HORIZONTAL CONTROL FOR POINTS _____ & _____ AS PUBLISHED IN THE CITY OF SAN LUIS OBISPO 1999 HORIZONTAL CONTROL NETWORK. CITY NETWORK IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) EPOCH DATE 1991.35, ZONE 5 CALIFORNIA.

VERTICAL CONTROL BENCHMARK NO.(S) _____ & _____ AS PUBLISHED IN THE CITY OF SAN LUIS OBISPO 1996 BENCHMARK SYSTEM. CITY'S BENCHMARK SYSTEM IS GENERALLY 52MM HIGHER THAN THE NORTH AMERICA VERTICAL DATUM OF 1929 (NAVD29).

PROJECT DIRECTORY

OWNER: City of San Luis Obispo
955 Morro Street
San Luis Obispo, CA 93401
805 781-7200

ARCHITECTS: Fraser Seiple Architects
971 Osos Street
San Luis Obispo, CA 93401
805 544-6161

PROJECT DATA

ADDRESS: City Parking Lot #2, Broad Street

ASSESSOR'S PARCEL NUMBER: 002,424,022

LEGAL DESCRIPTION: Lots 3 and 4, Block 86, Murray and church Addition, City of San Luis Obispo

GENERAL PLAN DESIGNATION: General Retail

ZONE: C-C

PROPOSED USE: Restroom

BUILDING AREA: 36 square meters (272.5 square feet)

STORIES: 1

MAXIMUM HEIGHT: 3.96 meters (13'-0")

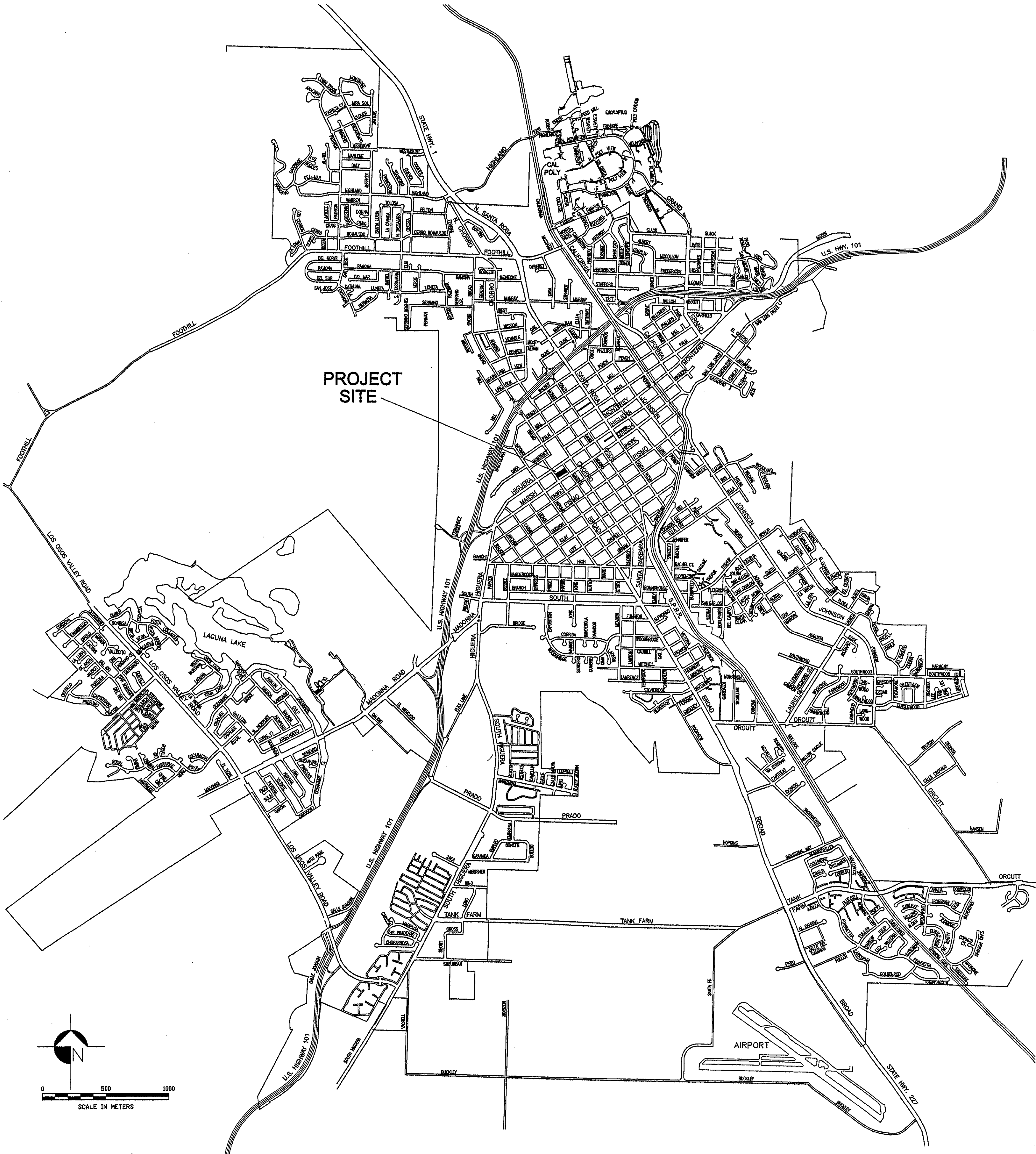
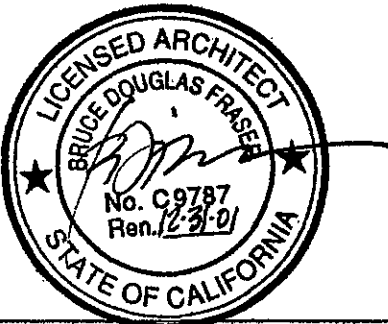
UBC OCCUPANCY GROUP: Group S, Division 2

UBC CONSTRUCTION TYPE: Type V-N

SPRINKLERS: no

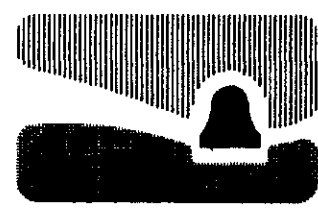
FLOOD DAMAGE PREVENTION REQUIREMENTS

1. The structural design and materials in these plans are in compliance with the FLOOD DAMAGE PREVENTION REGULATIONS.
2. Any deviation or change of plan that affects the flood proofing shall be reviewed and approved by the Director of Public Works.
3. Prior to occupancy, a registered civil engineer or land surveyor shall complete a F.E.M.A. elevation certificate and submit the certificate to the Director of Public Works.
4. Prior to occupancy, the registered professional architect or engineer of record, shall complete a F.E.M.A. floodproofing certificate and submit the certificate to the Director of Public Works.



index to plans

sheet no.	description
T1	TITLE, COVER SHEET
A1	SITE PLAN, SITE DETAILS
A2	FLOOR PLAN, EXTERIOR AND INTERIOR ELEVATIONS
A3	SECTIONS, ROOF PLAN, FOUNDATION PLAN, FRAMING PLAN
A4	STRUCTURAL DETAILS
A5	ARCHITECTURAL DETAILS
P-1	PLUMBING PLANS
E-1	ELECTRICAL PLANS

 **city of**
san luis obispo
san luis obispo county, california

**NEW RESTROOM
FOR
DOWNTOWN PARKING
LOT #2**
**BROAD STREET
SAN LUIS OBISPO, CA**

RECORD DRAWING
DATE: SEPT 2002 BY: JEAN.

SPECIFICATION NO. 90108

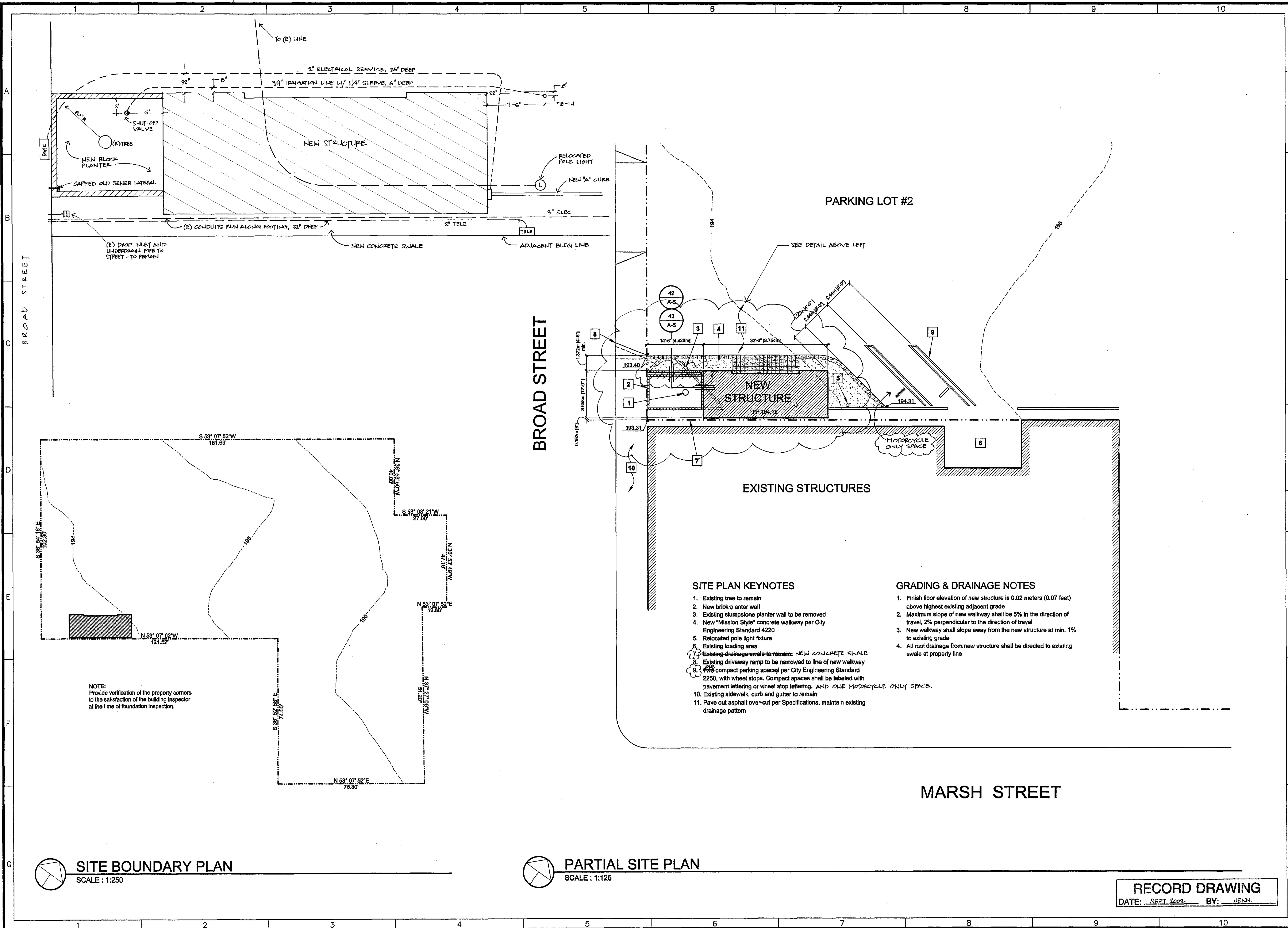
APPROVED BY


Wayne A. Peterson
City Engineer

R.C.E. 18598



DATE
FILE NO./LOCATION
SHEET **T-1**



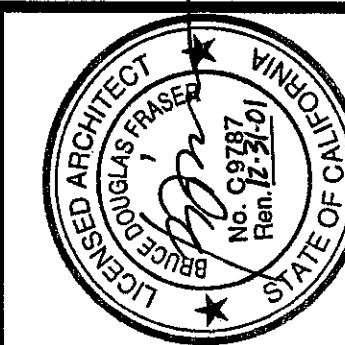
city of
san luis obispo

REVISIONS:	Drawn By & Date
	Record Drawing
	Drawn By & Date
	Scale: SCALE
	Scale: SCALE

NEW RESTROOM FOR
DOWNTOWN PARKING LOT #2

SITE PLAN

DESIGNED BY:	BDF
DRAWN BY:	JCP
CHECKED BY:	
APPROVED BY:	
DATE:	
CITY SPECIFICATION NO.	SPEC. NO. 90108
SHEET NO.	A-1



REVISIONS:	Drawn By & Date	Record Drawing	Drawn By & Date

NEW RESTROOM FOR
DOWNTOWN PARKING LOT #2

FLOOR PLAN, ELEVATIONS

PROJECT TITLE:

DESIGNED BY:
BDF

DRAWN BY:
JCP

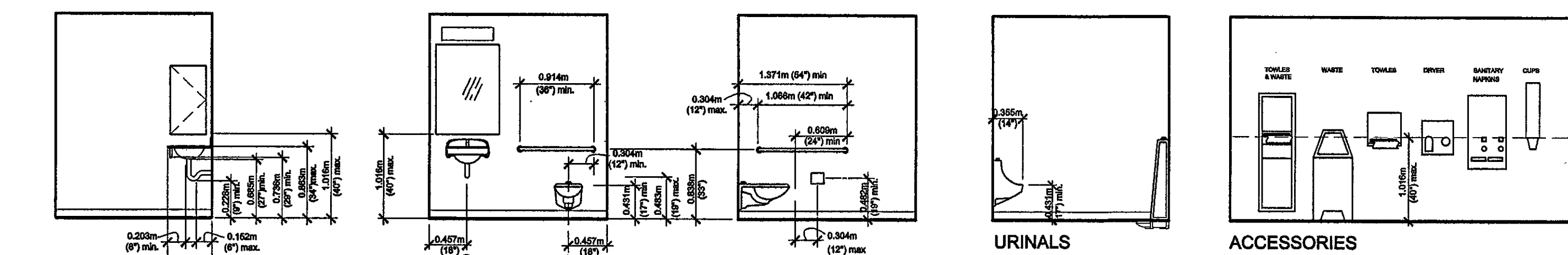
CHECKED BY:

APPROVED BY:

DATE:

CITY SPECIFICATION NO.
SPEC. NO. 90108
SHEET NO.

A-2



MOUNTING HEIGHTS
SCALE: 1:50

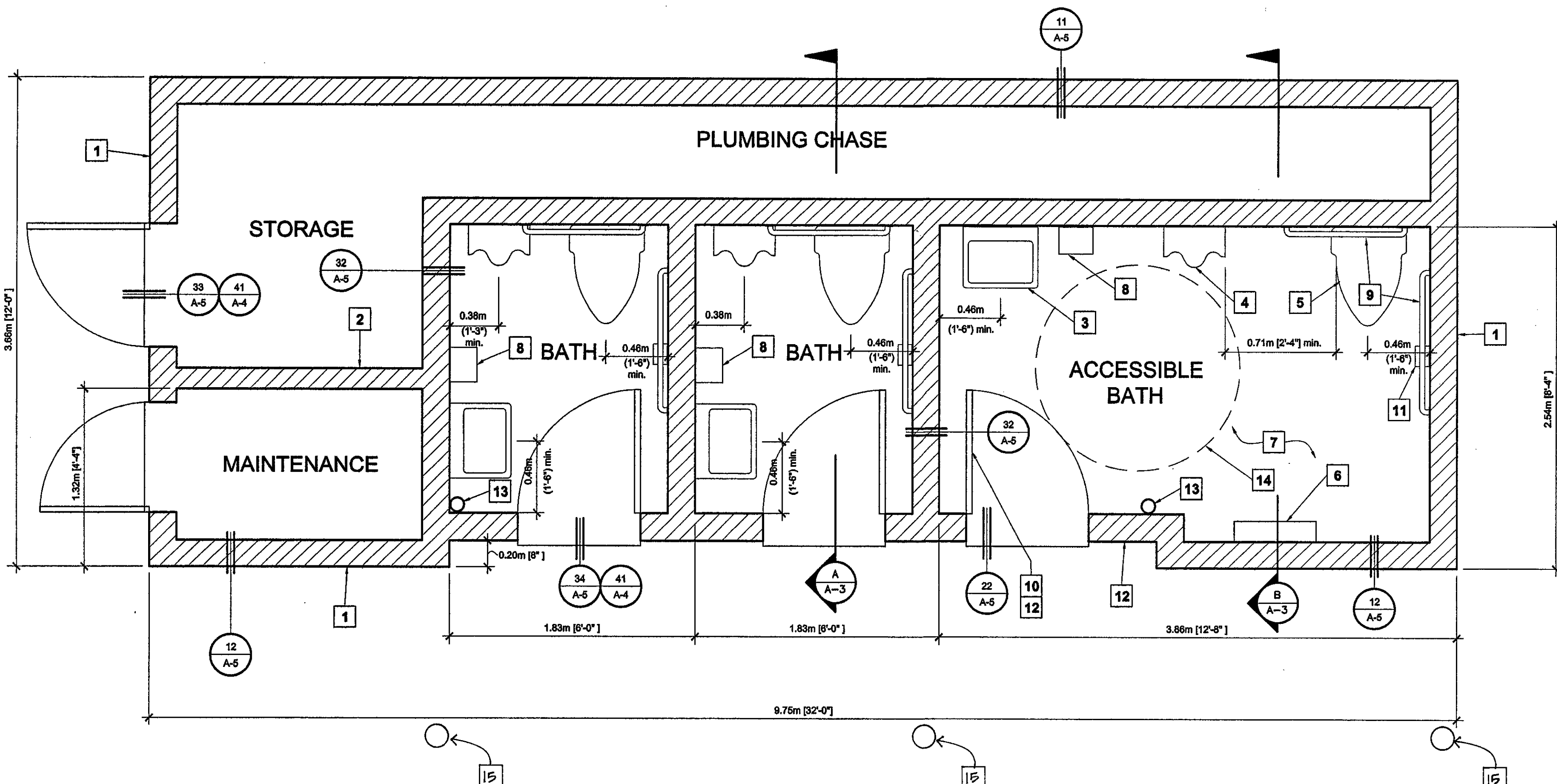
D108002A

FLOOR PLAN KEYNOTES

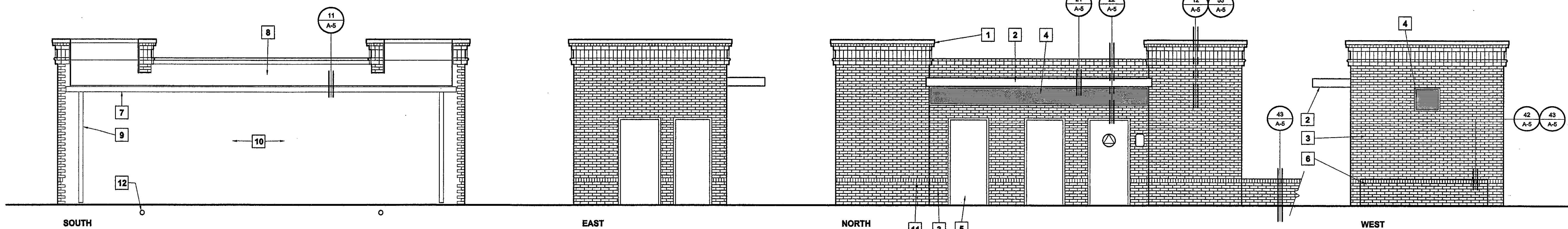
- Concrete block wall with brick veneer
- 6" concrete block wall
- Wall-hung lavatory
- Wall-hung urinal
- Wall-hung water closet
- Wall-hung baby changing station
- Ceramic tile floor (eliminate under Alternate #1)
- Electric hand dryer
- Grab bars
- 0.91m x 2.03m (3'-0" x 6'-8") fiberglass door in metal frame, typical, with lever hardware per specifications and Title 24/ADA requirements
- Wall surface-mounted toilet paper holder
- Accessibility signage per Details 51, 52, Sheet A-5
- Electric roof drain pipe
- 5' 0" clear maneuvering space
- NEW REMOVABLE BOLLARD, TYP. OF 3

ELEVATION KEYNOTES

- Brick cornice per details 12 and 53, Sheet A-5
- Projected metal roof with copper fascia
- Brick veneer facing, see color key on Detail 43, Sheet A-4
- Metal grille (artwork for north elevation by others)
- Fiberglass doors with lever hardware per specifications and Title 24/ADA requirements, metal frames
- Brick faced planter
- Metal gutter
- Membrane roofing, 1:12 slope
- Metal downspout to existing swale
- Concrete block, sealed
- Rowlock detail aligned with planter cap
- Outfall pipe for roof drain (See roof plan, Sheet A-3)



FLOOR PLAN
SCALE: 1:25

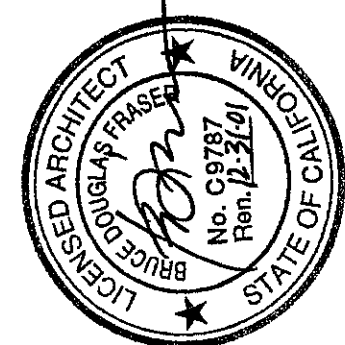


EXTERIOR ELEVATIONS

SCALE: 1:50

RECORD DRAWING

DATE: SEPT 2002 BY: JENN.



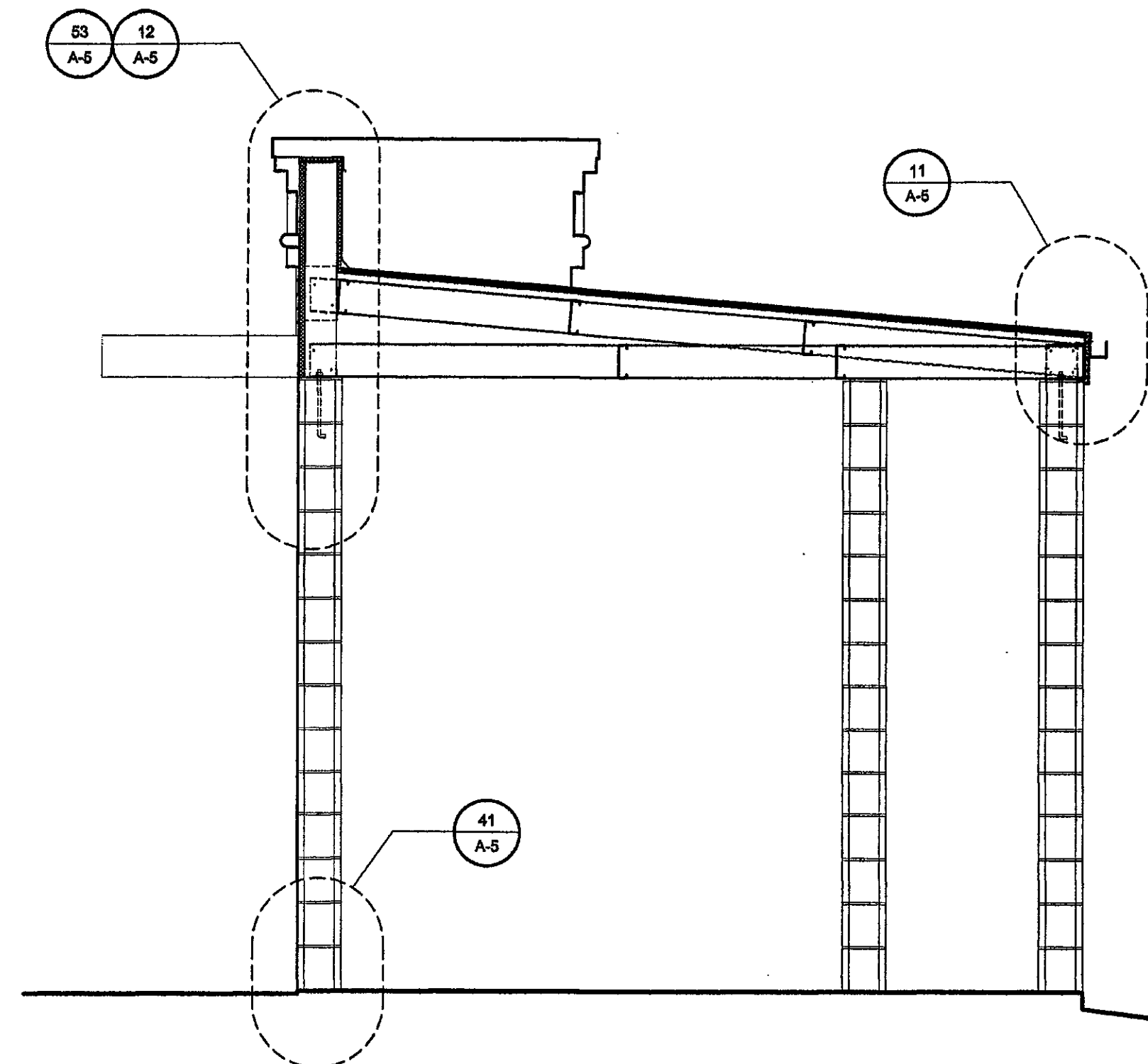
Drawn By & Date	Record Drawing
Drawn By & Date	Record Drawing

NEW RESTROOM FOR
DOWNTOWN PARKING LOT #2
BUILDING, SITE PLUMBING PLANS,
DETAILS

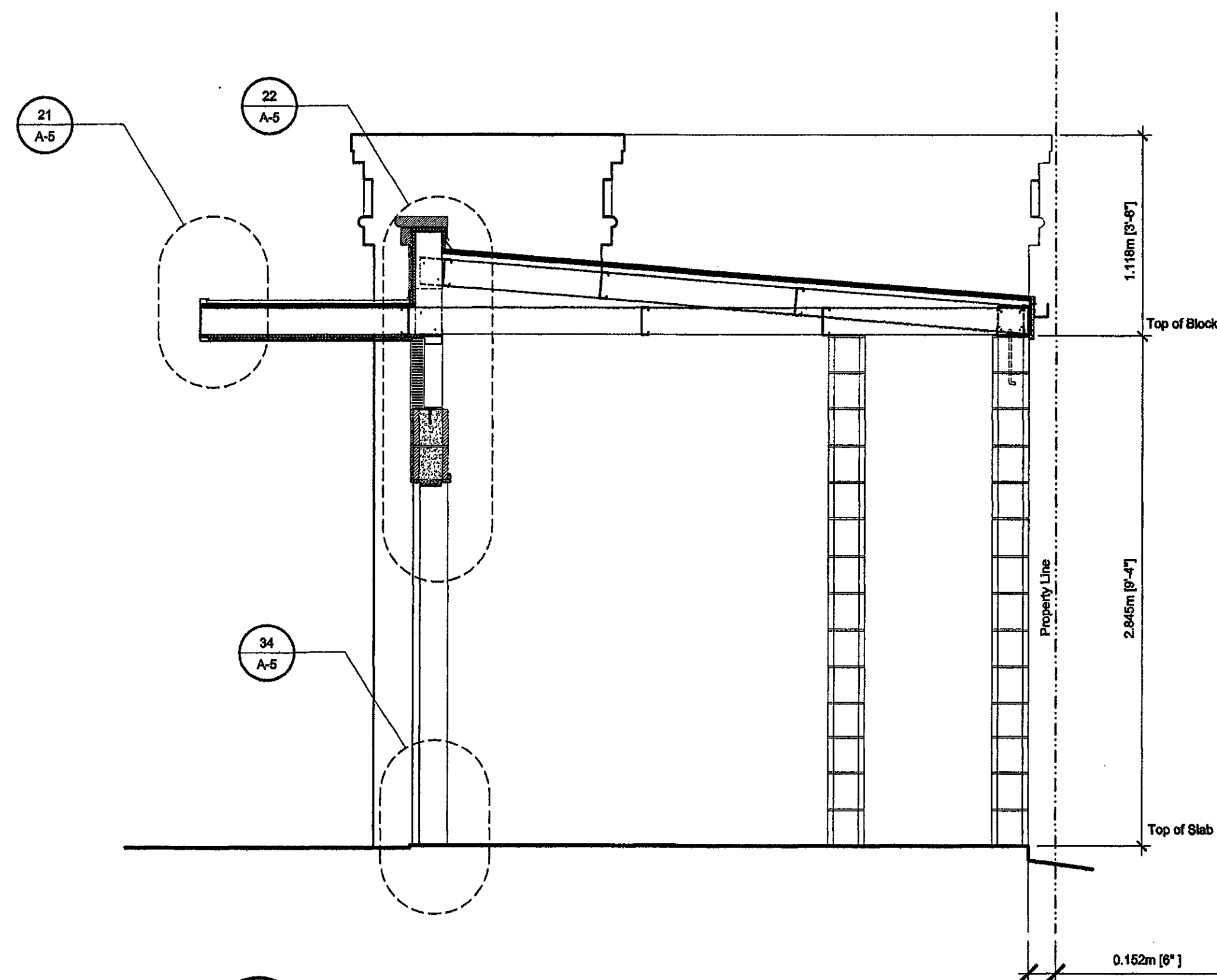
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DRAWN BY:	JCP
CHECKED BY:	
APPROVED BY:	
DATE:	
CITY SPECIFICATION NO.	SPEC. NO. 90108
SHEET NO.	A-3

GENERAL STRUCTURAL NOTES

- All construction is to comply with the Uniform Building Code, 1997 Edition and all other applicable Codes and standards.
- Unless otherwise specified, structural materials shall comply with the following:
 - Concrete: 2,500-psi minimum strength at 28 days.
 - Concrete Reinforcing Steel: Intermediate (Grade 40) minimum, deformed steel bars per ASTM A-15.
 - Bolts and Rods: Steel (Grade A) per ASTM A307.
 - Masonry: Grade N, Light or medium weight units per ASTM C90, grouted solid with 2000-psi grout.
- The Contractor shall fabricate, size, cut, install, connect and fasten all products with joints true, tight and well connected. Framing is to be plumb, square, true and cut for full bearing.
- All references to specific products such as Simpson shall carry the phrase "or equal" but it is the responsibility of the Contractor to provide evidence of equivalence should a substitution be desired.
- No deviations from these calculations and notes are permitted without the written approval of the Engineer and it is the responsibility of the Contractor to provide the documentation necessary to justify any proposed change. Approval by the Building Inspector does not constitute authority to deviate.
- The Contractor shall verify and be responsible for all dimensions and existing conditions on the job site and shall report any discrepancies to the Engineer immediately.
 - Structural Welding



B SECTION B
SCALE : 1:25

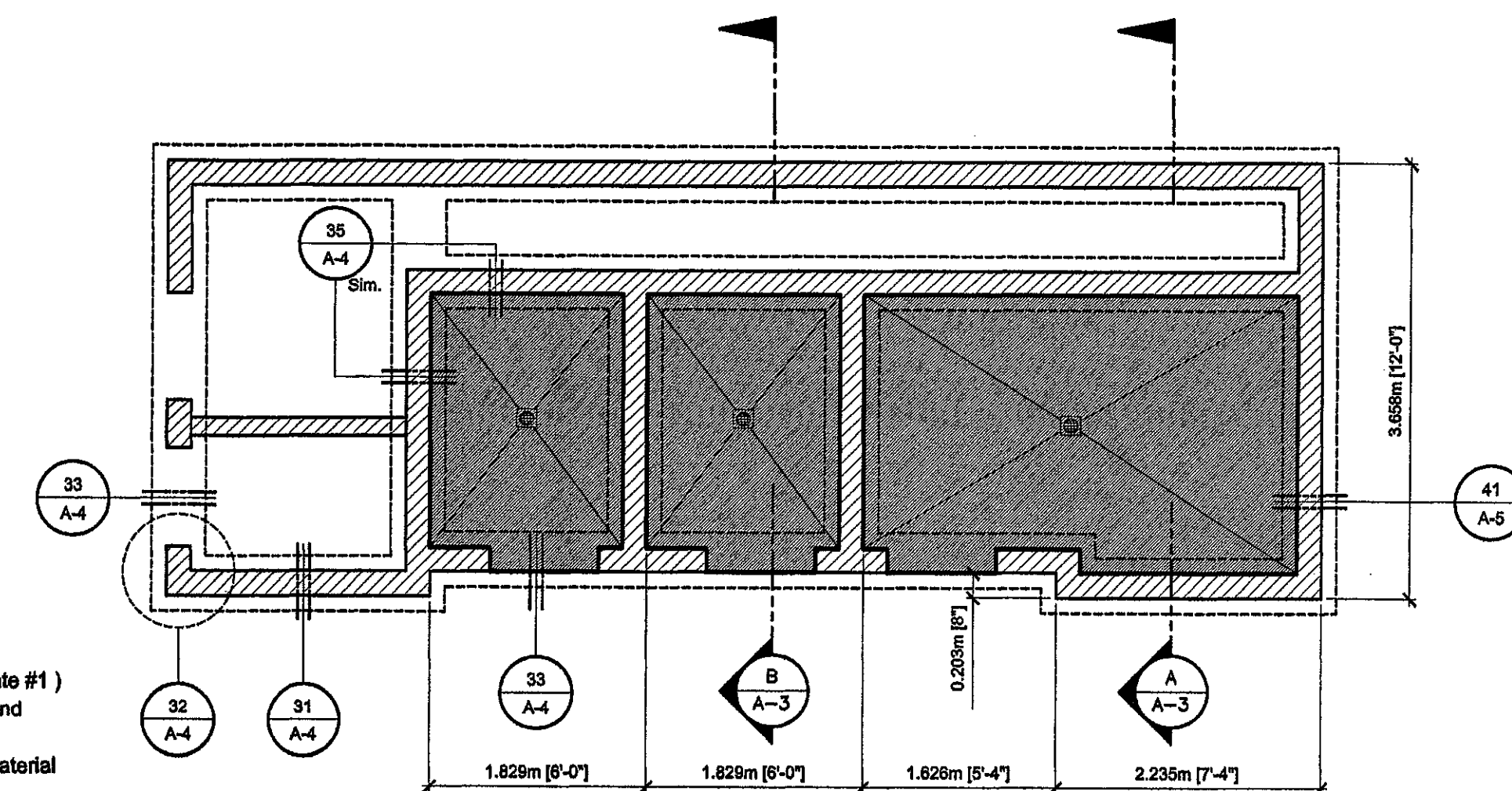


A SECTION A
SCALE : 1:25

FOUNDATION PLAN GENERAL NOTES

- Construct the masonry walls of 8X8X16 CMU, grouted solid and reinforced as follows:
 - #4 bars @ 24" o.c. horizontally & vertically throughout walls.
 - #4 bars vertically, full height of wall, @ corners & @ either side of all openings.
 - #4 dowels w/ a 90° bend @ the base of the footings extending 24" up into the walls @ each corner, either side of each opening & @ 24" o.c.
 - #4 horizontal bars continuously in the top & bottom course of all walls.
 - #4 horizontal bars under each opening & extending 24" beyond each side of the openings, per Detail 34/A-4.
 - 2 - #4 horizontal bars over each opening & extending 24" beyond the side of the openings, per Detail 34/A-4.
- Shaded area indicates recess for ceramic tile, (eliminate under Alternate #1)
- Soils beneath slab floors shall be pre-moistened to 100% of optimum and inspected before placement of concrete.
- Concrete slabs shall be underlain with a min. o.c. 4" of clean granular material (sand, rock, etc.) with an suitable moisture barrier located at midpoint.

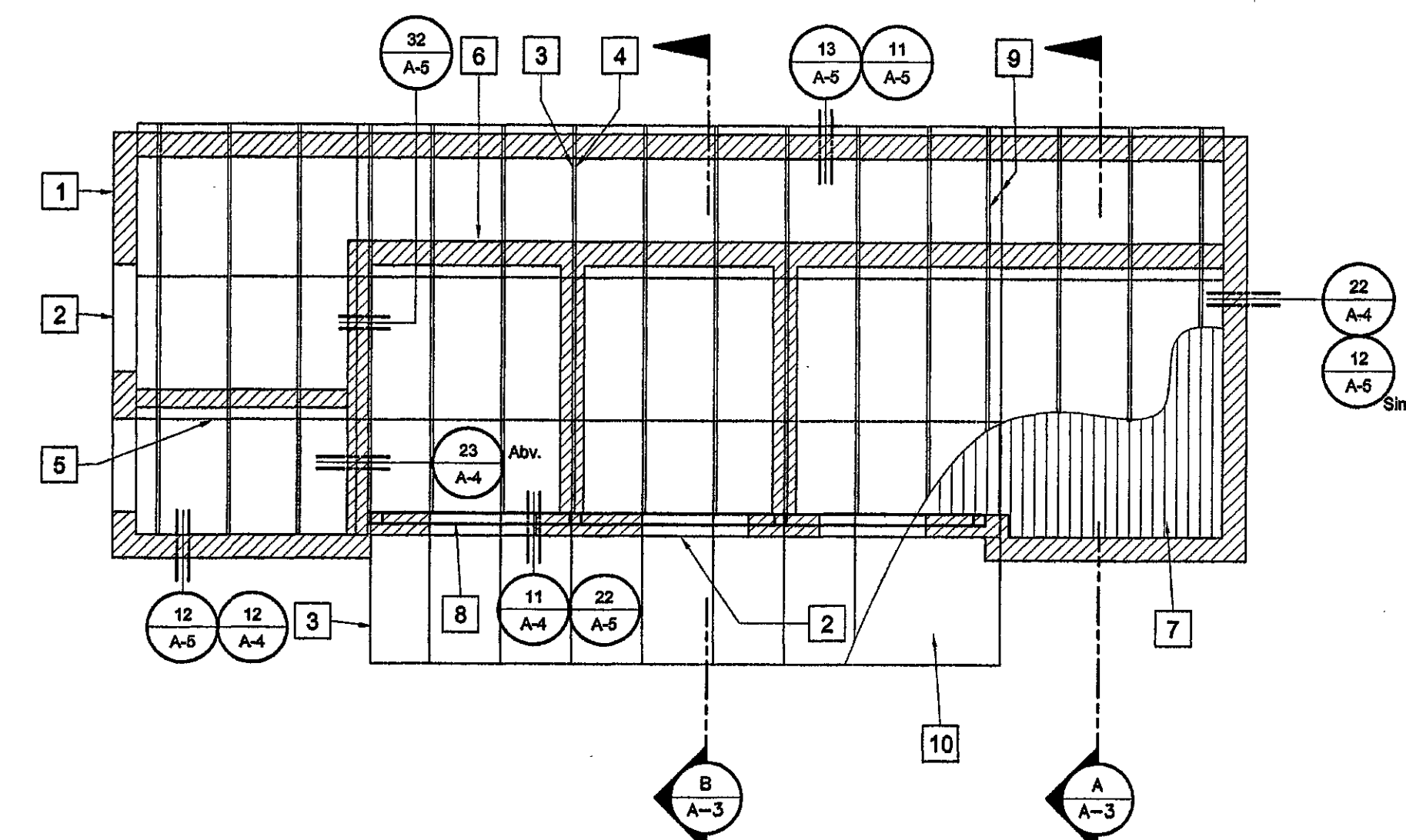
FOUNDATION PLAN
SCALE : 1:50



ROOF FRAMING KEYNOTES

- Concrete block wall to + 9'-4" with steel stud wall above.
- Concrete block lintel at opening.
- Cemco 600CS18P or approved equal rafters @ 16" o.c. cantilevered over doors.
- Cemco 600CS18P or approved equal rafters @ 16" o.c. over interior spaces.
- Blocking @ 48" max. o.c. @ rafters & @ mid-span @ ceiling joists, per Detail 14/A-4.
- Concrete block wall to + 9'-4".
- 24GA, 11/2" galv. steel deck (ASC Pacific CP-32 or approved equal) w/ #12-24 loks screws @ 10" o.c. to blocking & #12-14 loks screws @ 18" o.c. along seams between panels, 3/4" plywood roof sheathing screwed to steel decking with self-tapping screws at 10" o.c. each way.
- TS 4X2X3/16" flat over TS 4X4X3/16" posts, per Details 11, 21/A-4.
- Double rafters under parapet return. Typ.
- 3/4" plywood roof sheathing.

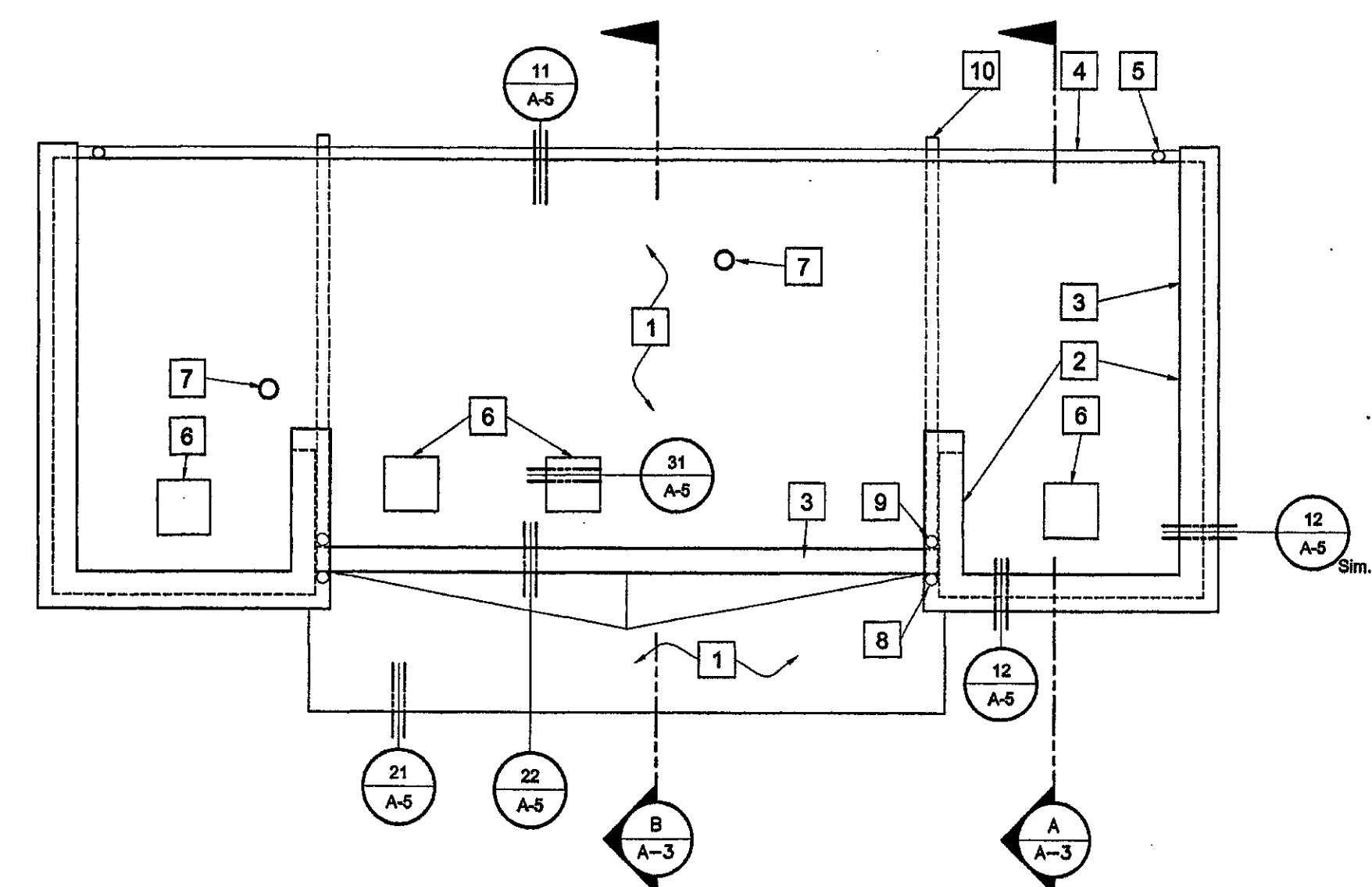
ROOF FRAMING PLAN
SCALE : 1:50



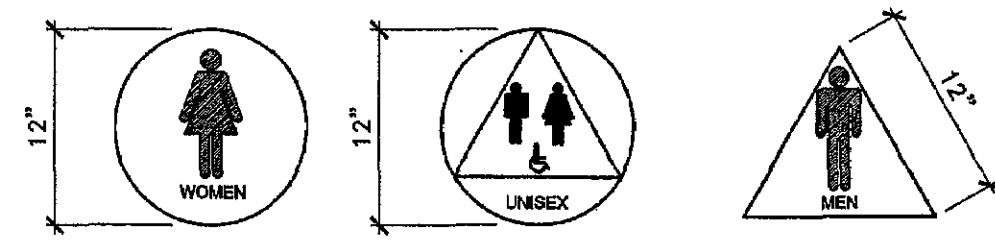
ROOF PLAN KEYNOTES

- Built-up membrane roofing.
- Brick cap of parapet.
- Metal counter flashing at parapet.
- Metal gutter.
- Metal downspout.
- Translucent gravity vent.
- Vandal resistant combination plumbing vent.
- Low profile roof drain at entry roof.
- Metal downspout in corner of room to below-grade 3" diameter piping.
- Outfall at swale.

ROOF PLAN
SCALE : 1:50

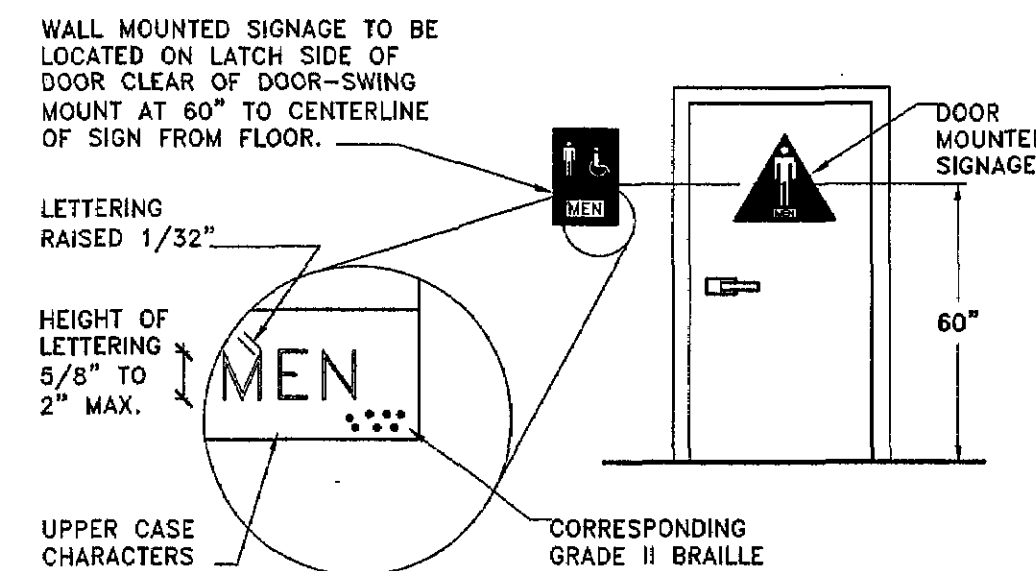


(NO CHANGES THIS SHEET.)

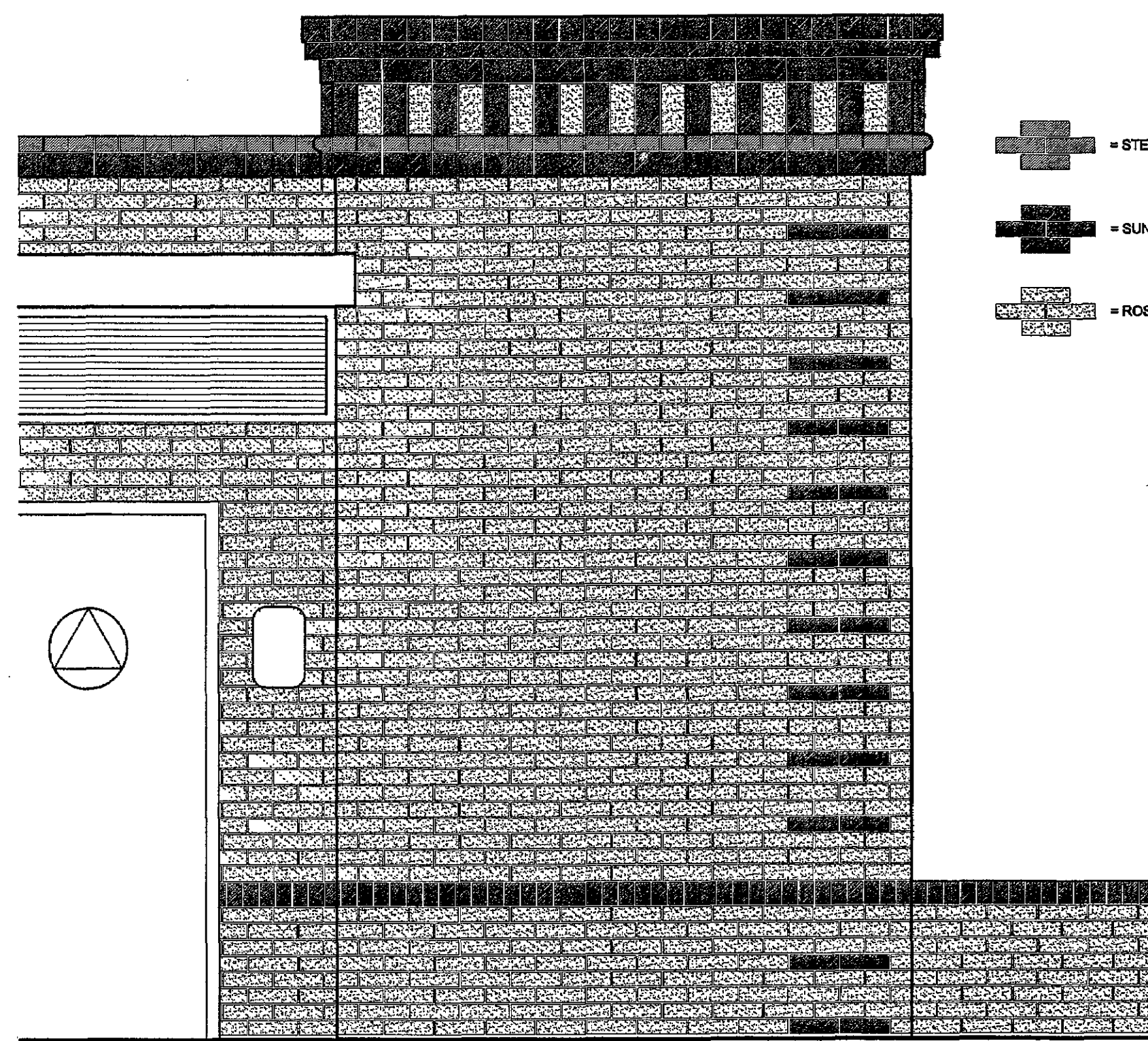


WHITE FIGURES ON BLUE BACKGROUND.
(MEN'S) EQUILATERAL TRIANGLE, 1/4" THICK
(WOMEN'S) 12" DIAMETER CIRCLE, 1/4" THICK
SIGNS ARE CENTERED ON THE DOOR 60" FROM THE FLOOR

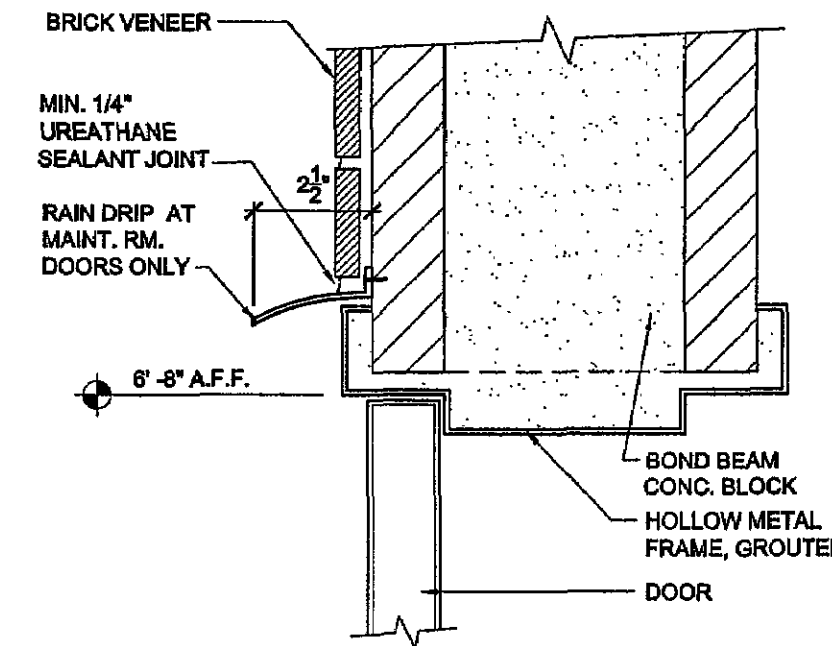
51 DOOR SIGNAGE
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D104004B



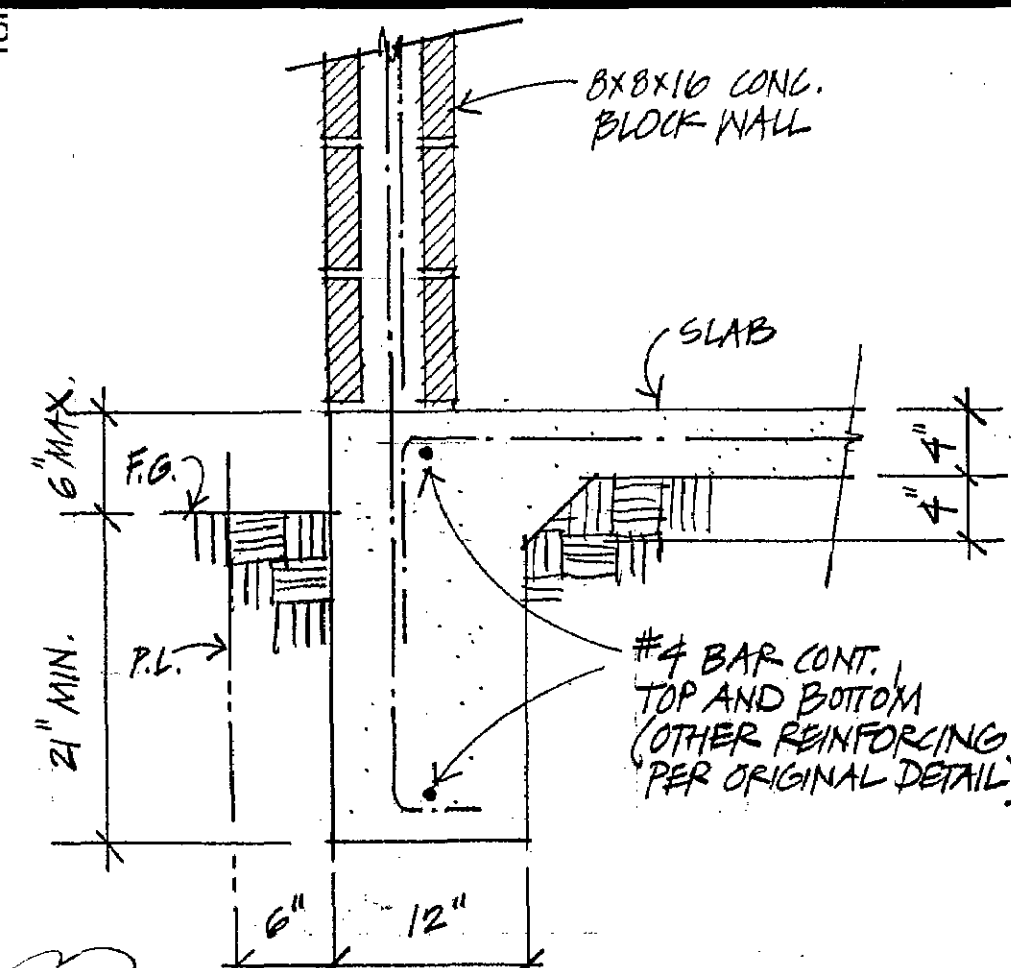
52 DOOR SIGNAGE
NTS
D104003A



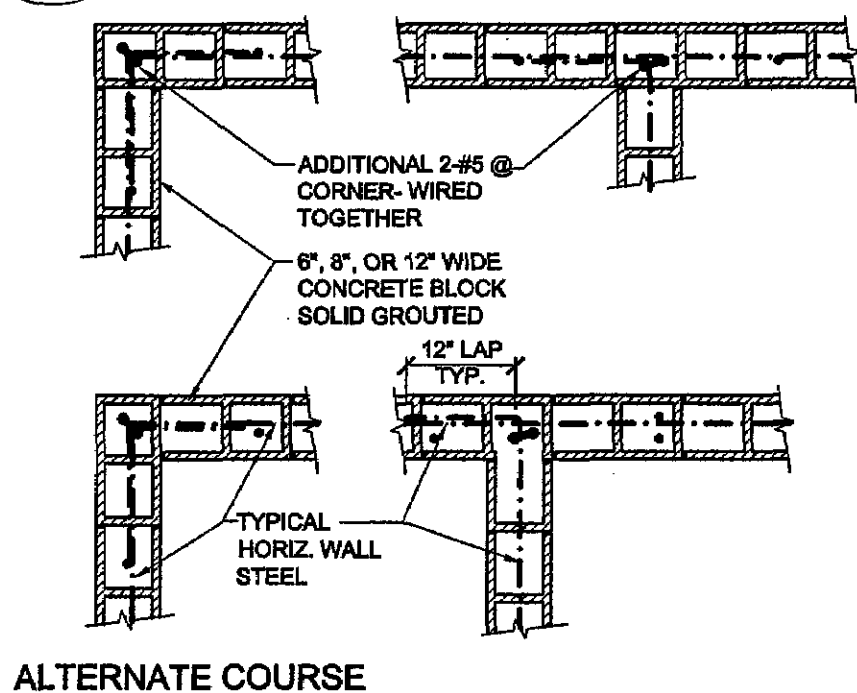
53 BRICK COLOR KEY
1:20



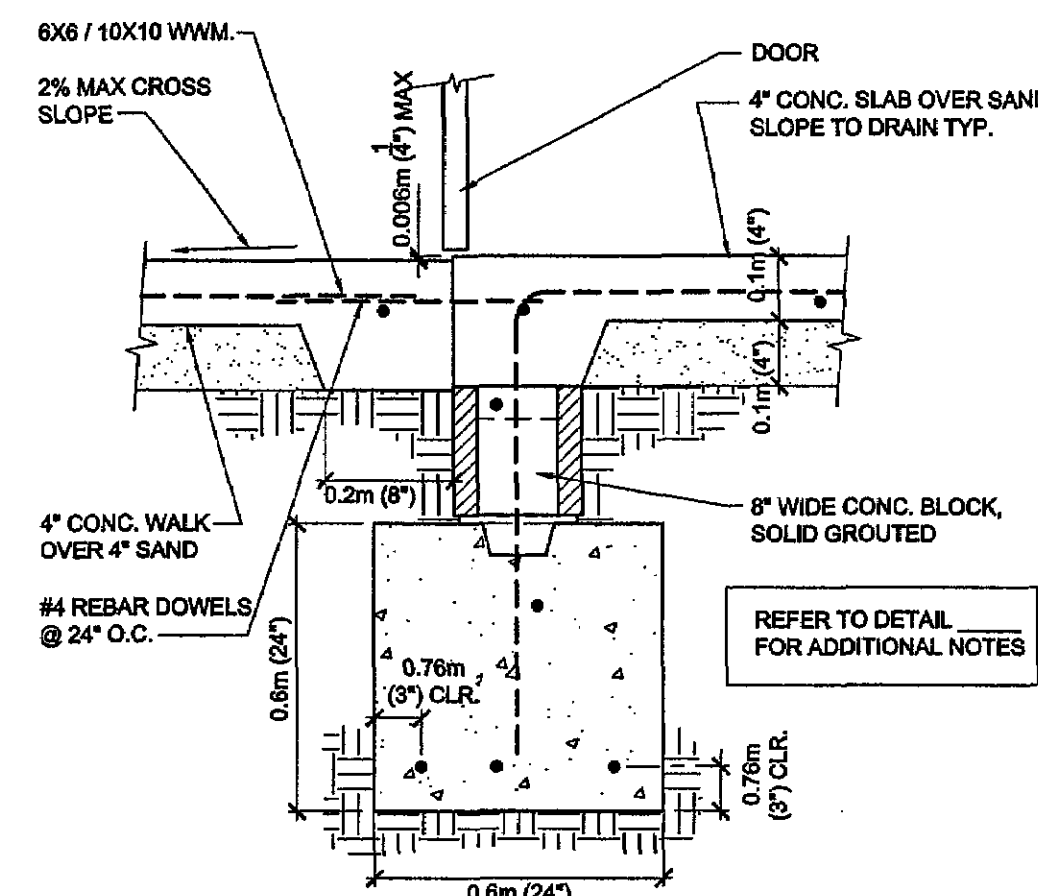
41 DOOR HEAD JAMB SIM.
3"=1'-0"
D087008B



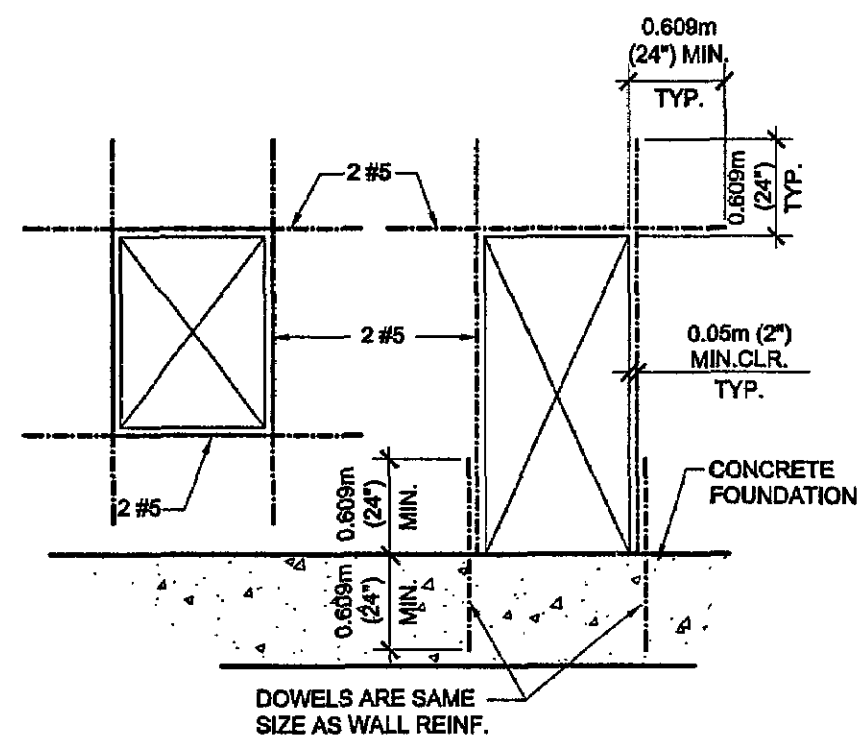
31 BLOCK WALL FOOTING
1"=1'-0"
D033110A



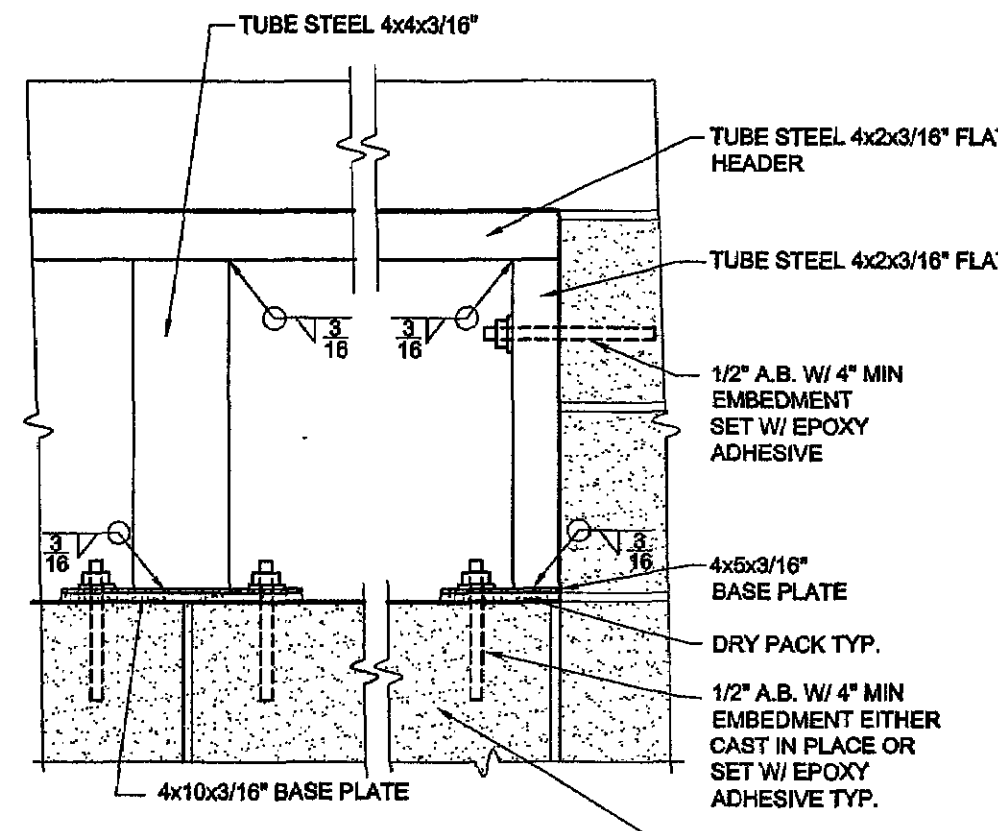
32 TYP. CONC. BLK. WALL @ CORNER
1/2"=1'-0"
D042015A



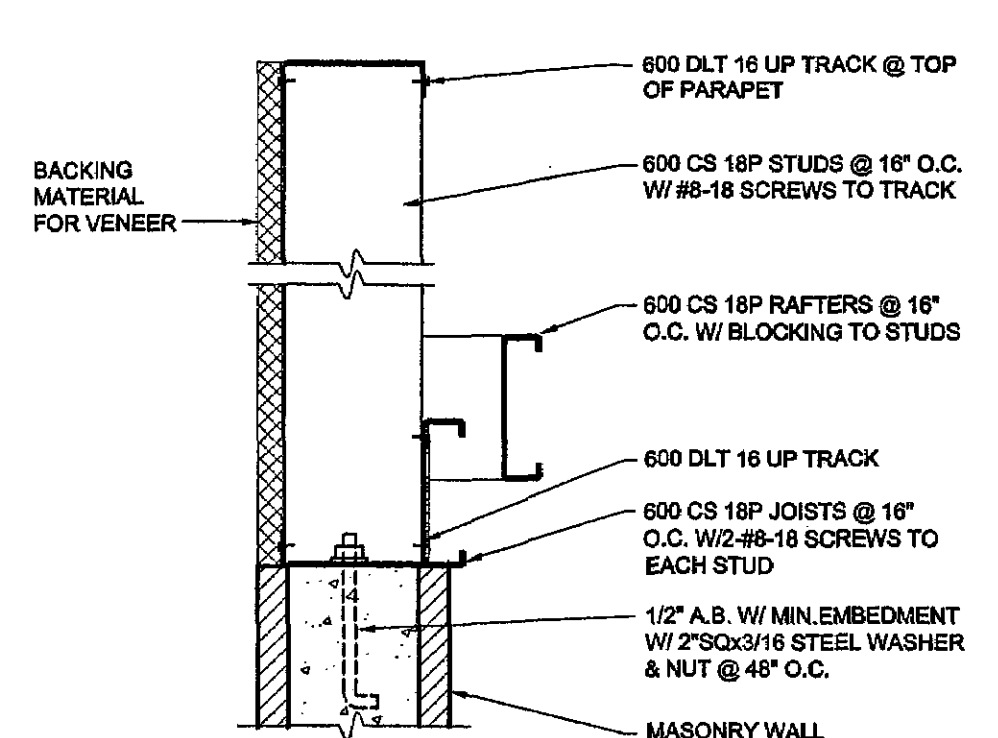
33 FTG. AT DOOR / WALK
1"=1'-0"
D033111A



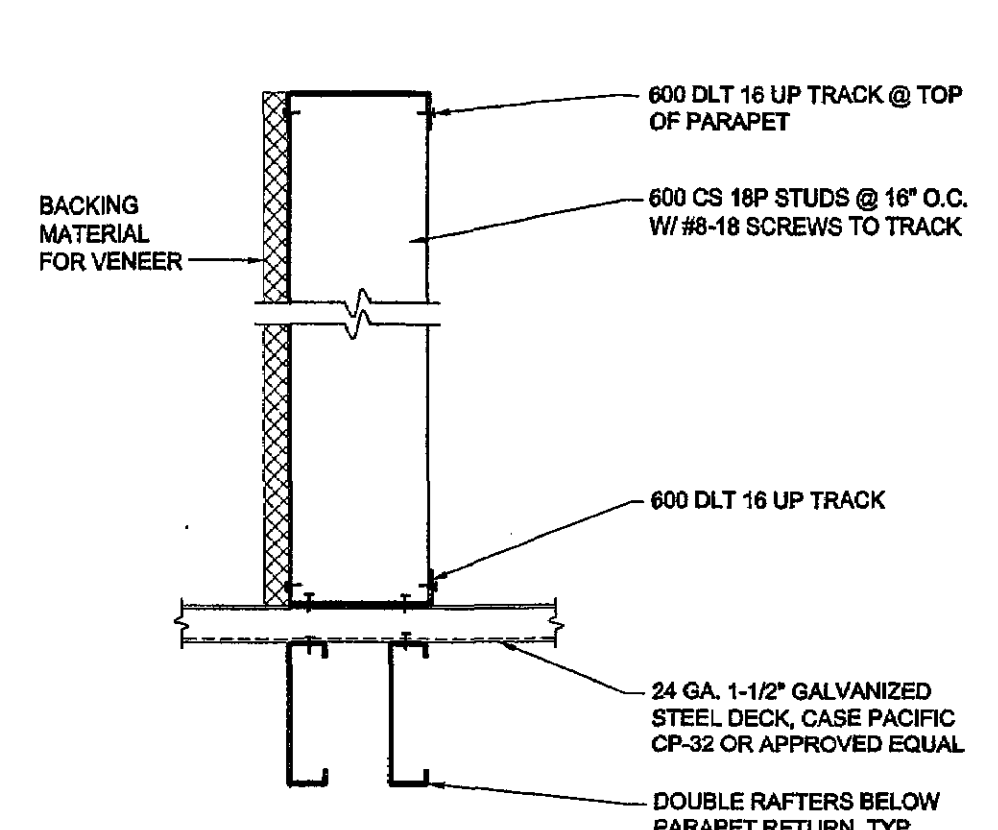
34 TYPICAL OPENING REINF.
1/4"=1'-0"
D042025A



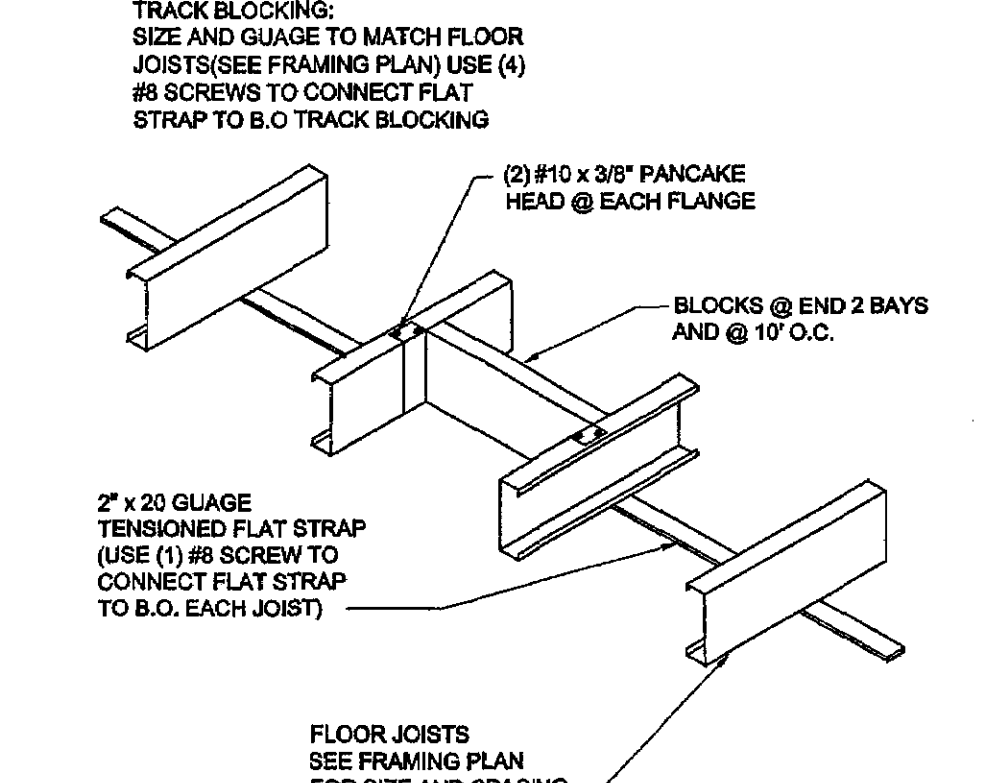
21 LOUVER OPENING SUPP.
1 1/2"=1'-0"
D054089A



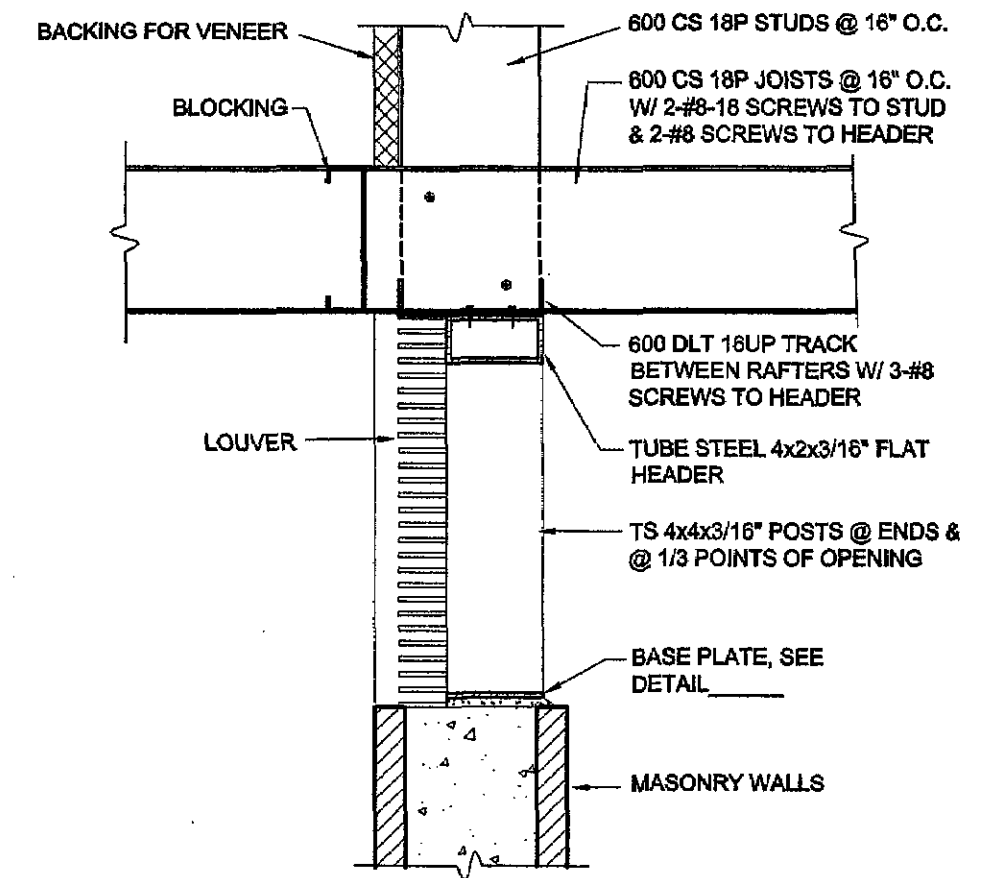
22 SIDEWALL PARAPET
1 1/2"=1'-0"
D054086A



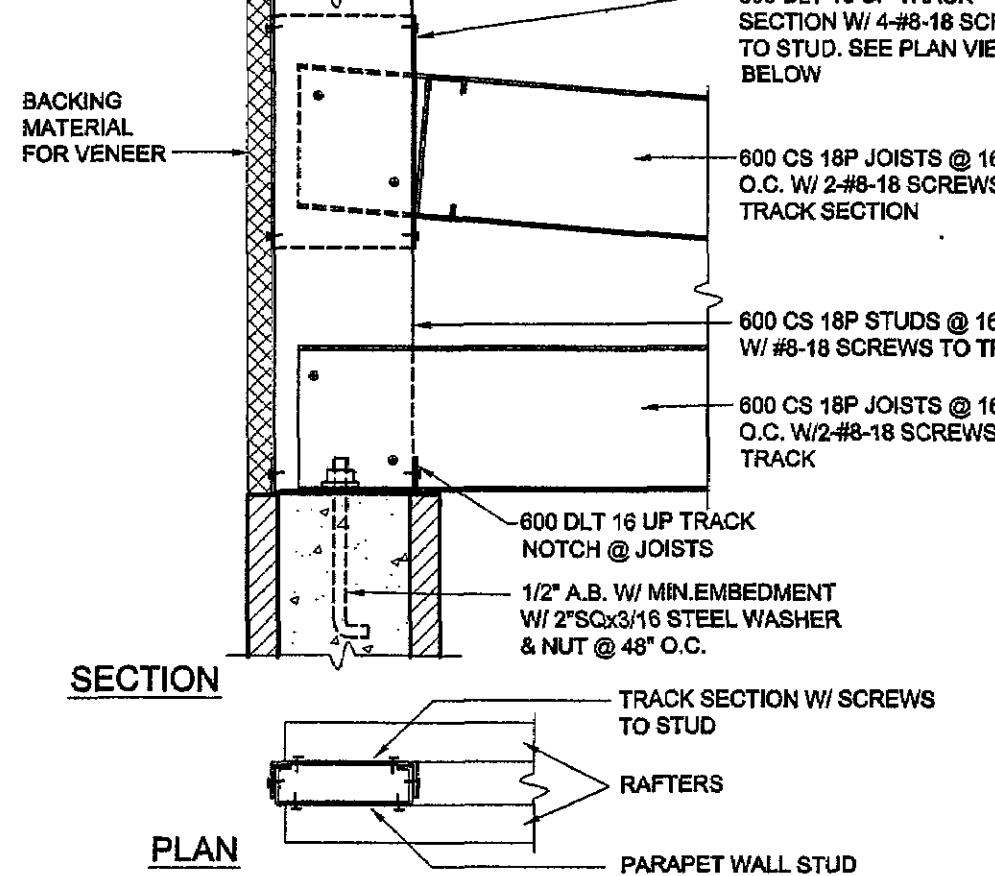
23 PARAPET RETURN SUPP.
1 1/2"=1'-0"
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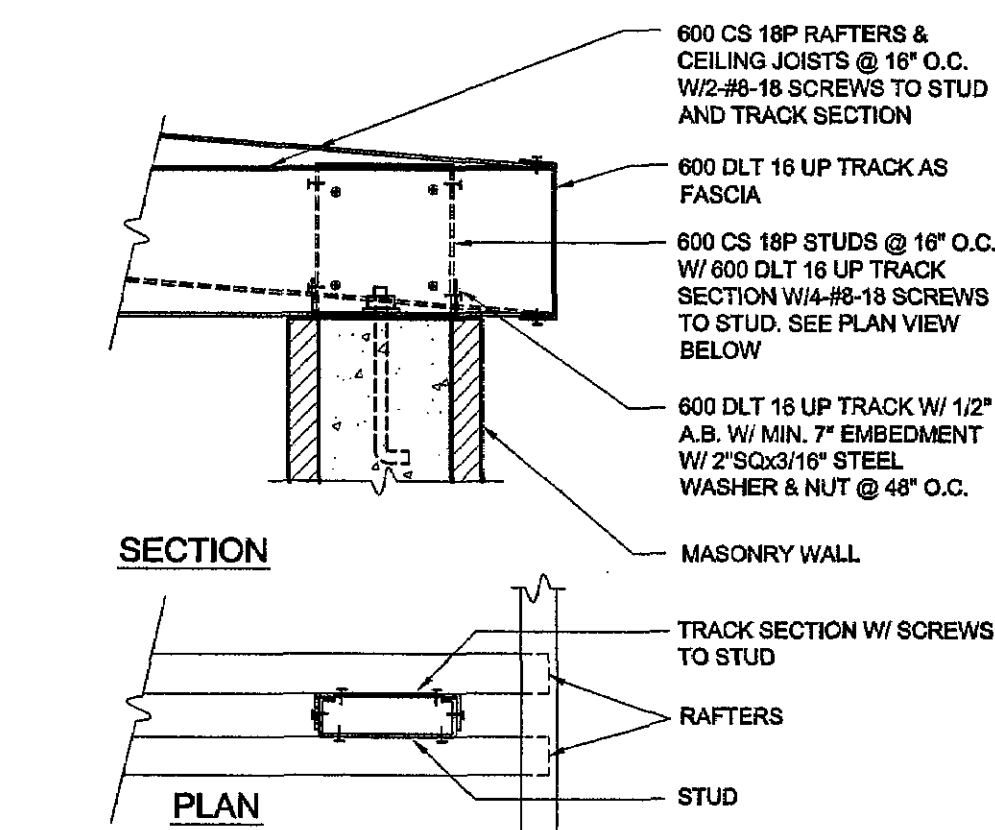
24 TYPICAL BRIDGING DETAIL
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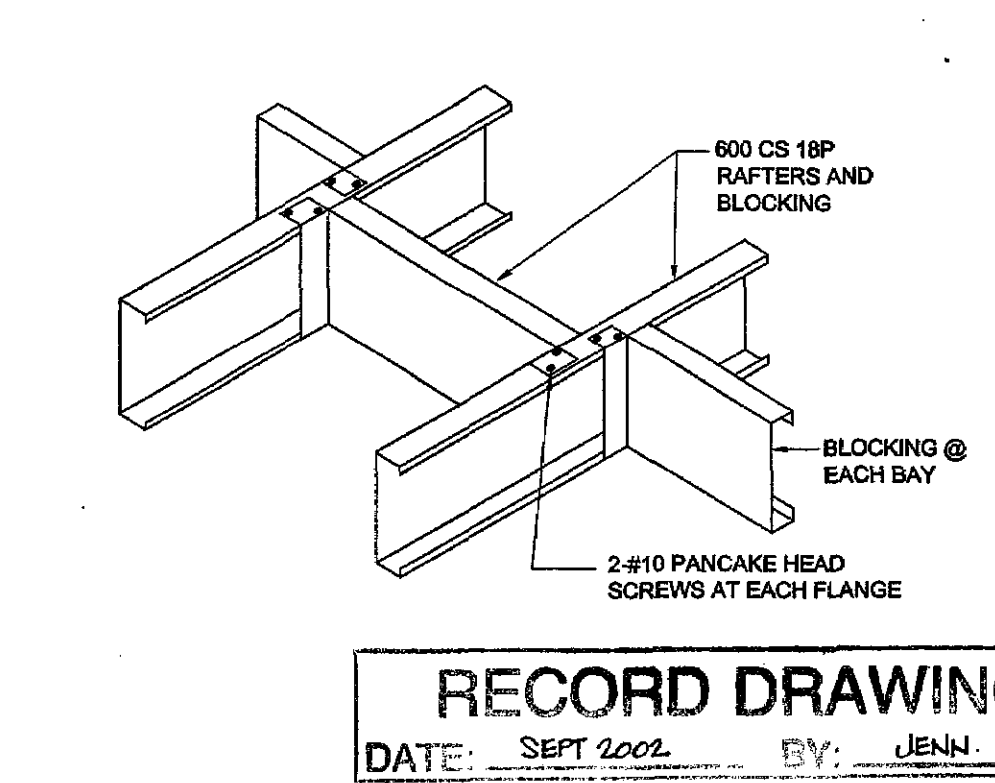
11 RAFTERS @ STL HEADER
1 1/2"=1'-0"
D054084A



12 RAFTERS TO WALL CONN.
1 1/2"=1'-0"
D054085A

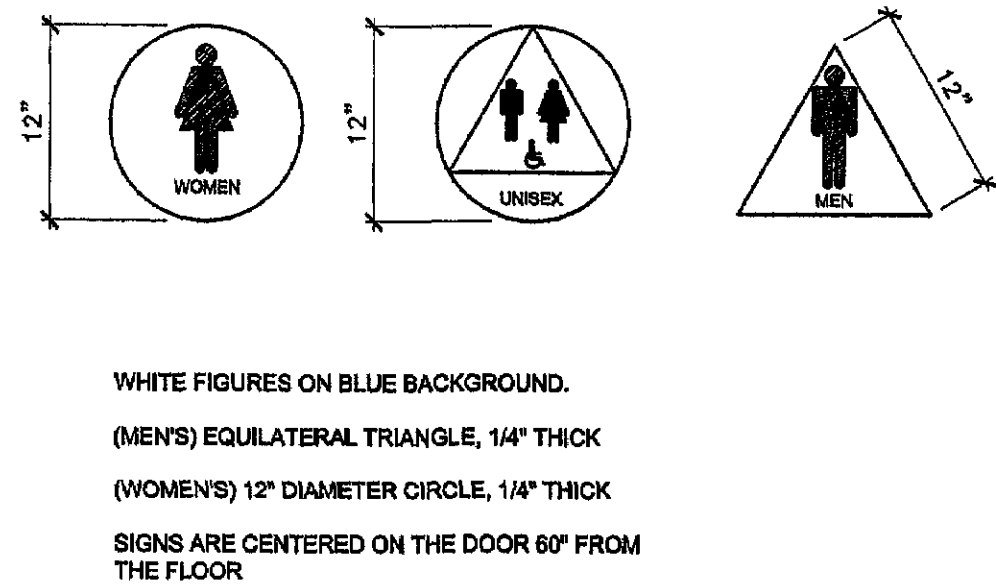


13 RAFTERS TO REAR WALL CONNECTION
1 1/2"=1'-0"
D054088A

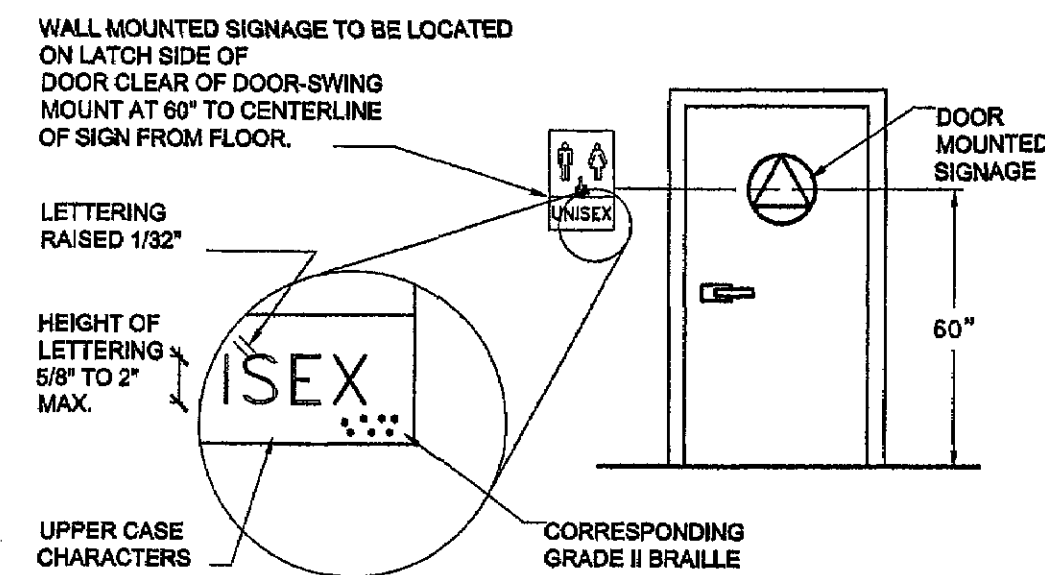


14 RAFTER BLOCKING
NTS
D054082A

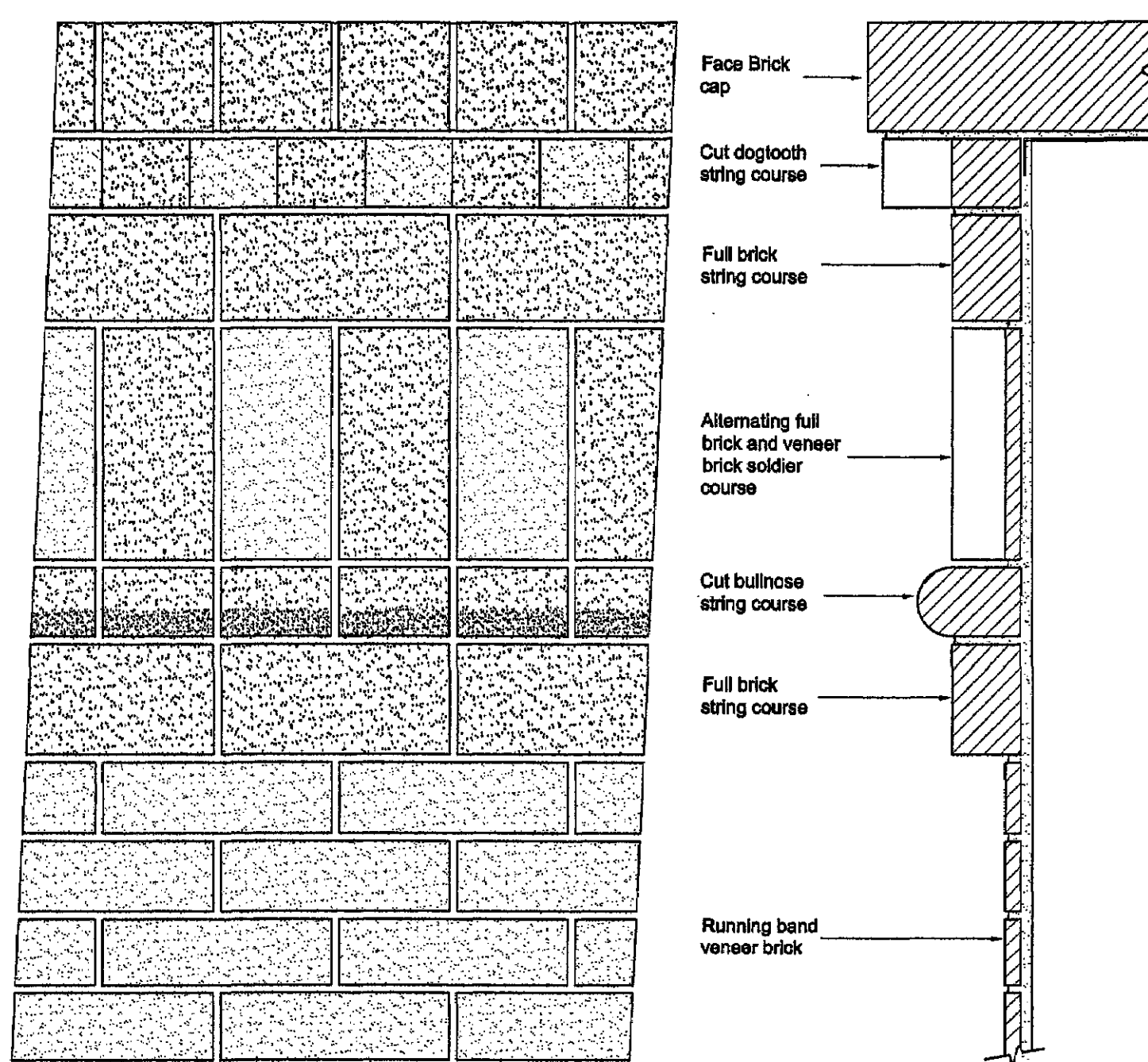
City of San Luis Obispo
PROJECT TITLE: NEW RESTROOM FOR DOWNTOWN PARKING LOT #2
SHEET TITLE: STRUCTURAL DETAILS
DESIGNED BY: BDF
DRAWN BY: JCP
CHECKED BY:
APPROVED BY:
DATE: SEPT 2002 BY: JENN
CITY SPECIFICATION NO. SPEC. NO. 90108
SHEET NO. A-4
1/16/01



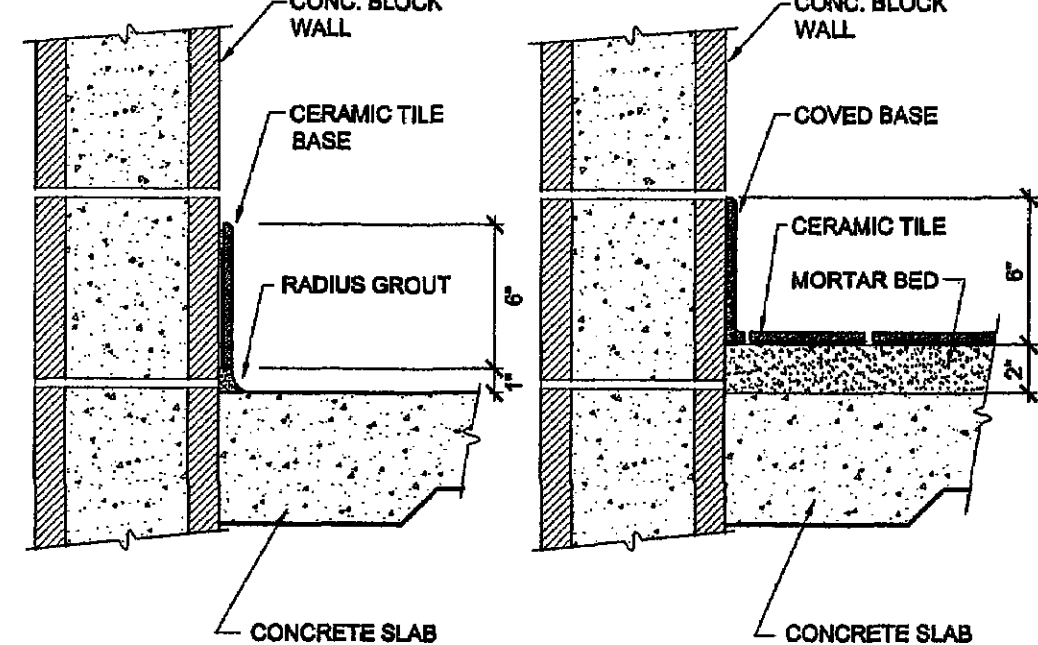
50 DOOR SIGNAGE
NTS D104004B



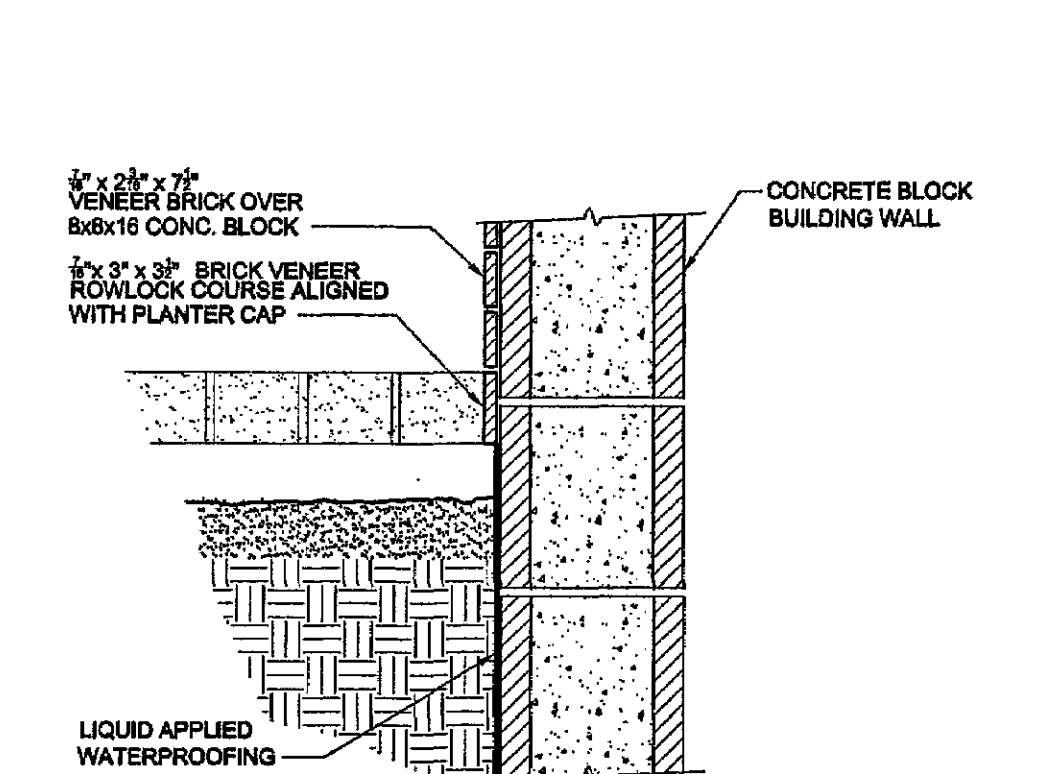
51 UNISEX DOOR SIGNAGE
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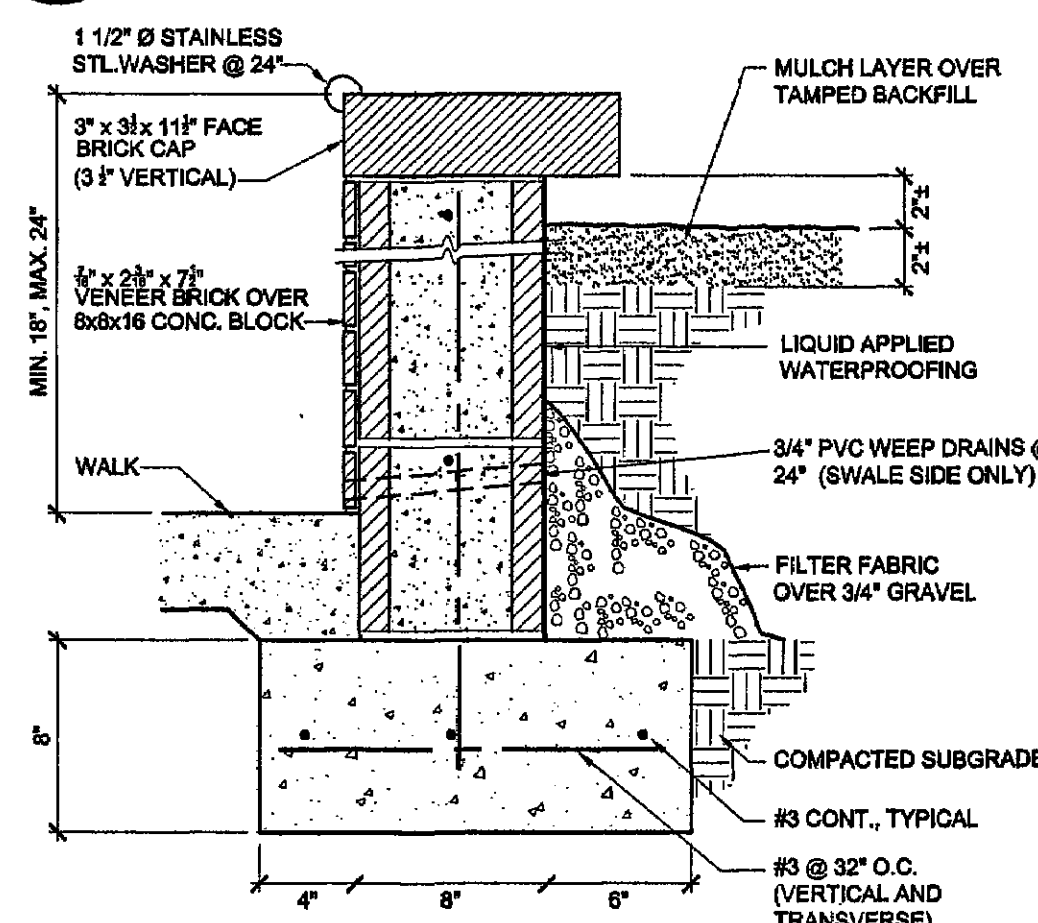
53 BRICK CORNICE DETAIL
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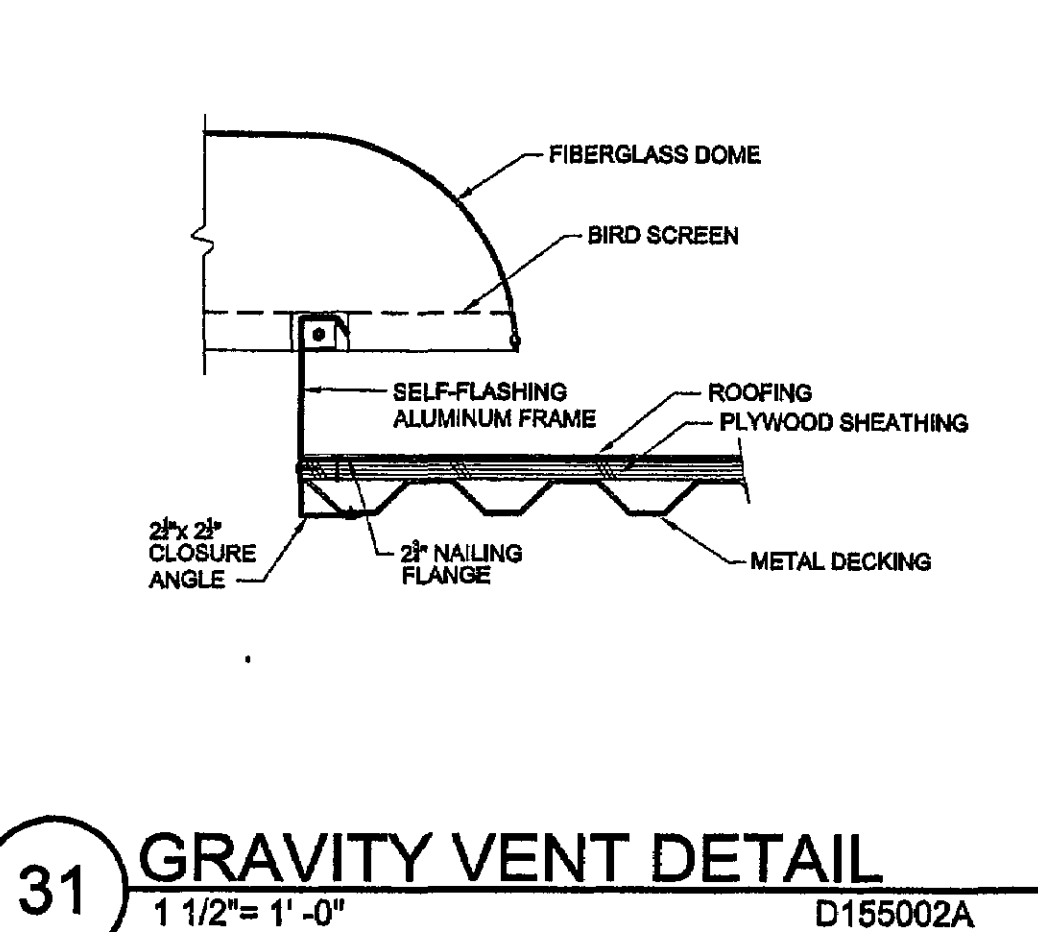
41 CERAMIC TILE/MORTAR BED
1 1/2"= 1'-0" BID ALTERNATE D096006A



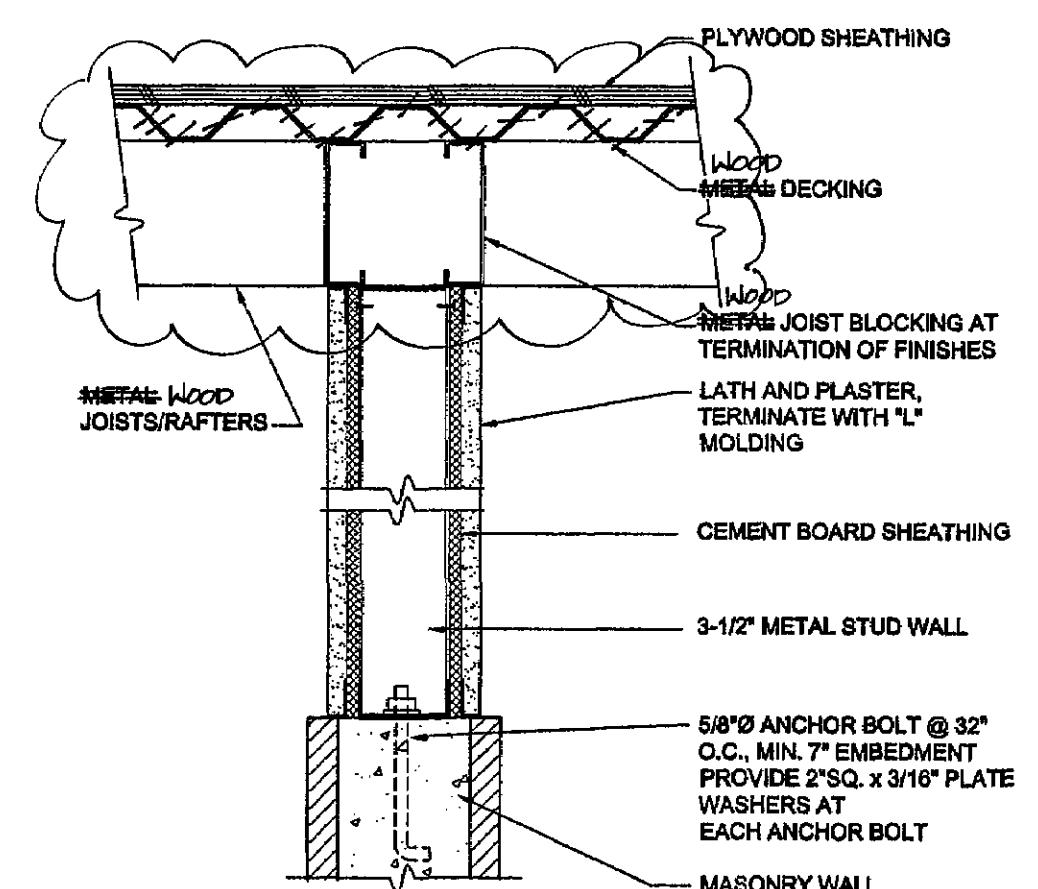
42 PLANTER AT BUILDING
1 1/2"= 1'-0" D042029A



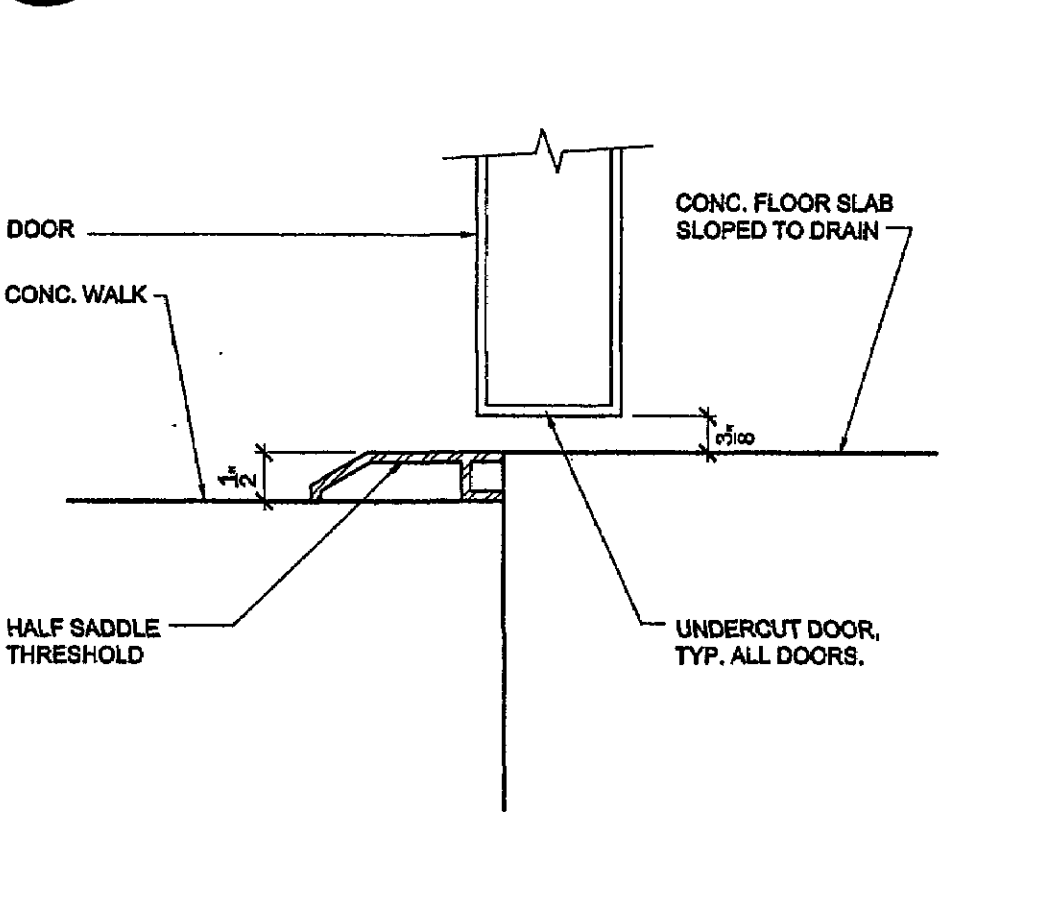
43 PLANTER WALL DETAIL
1 1/2"= 1'-0" D042028A



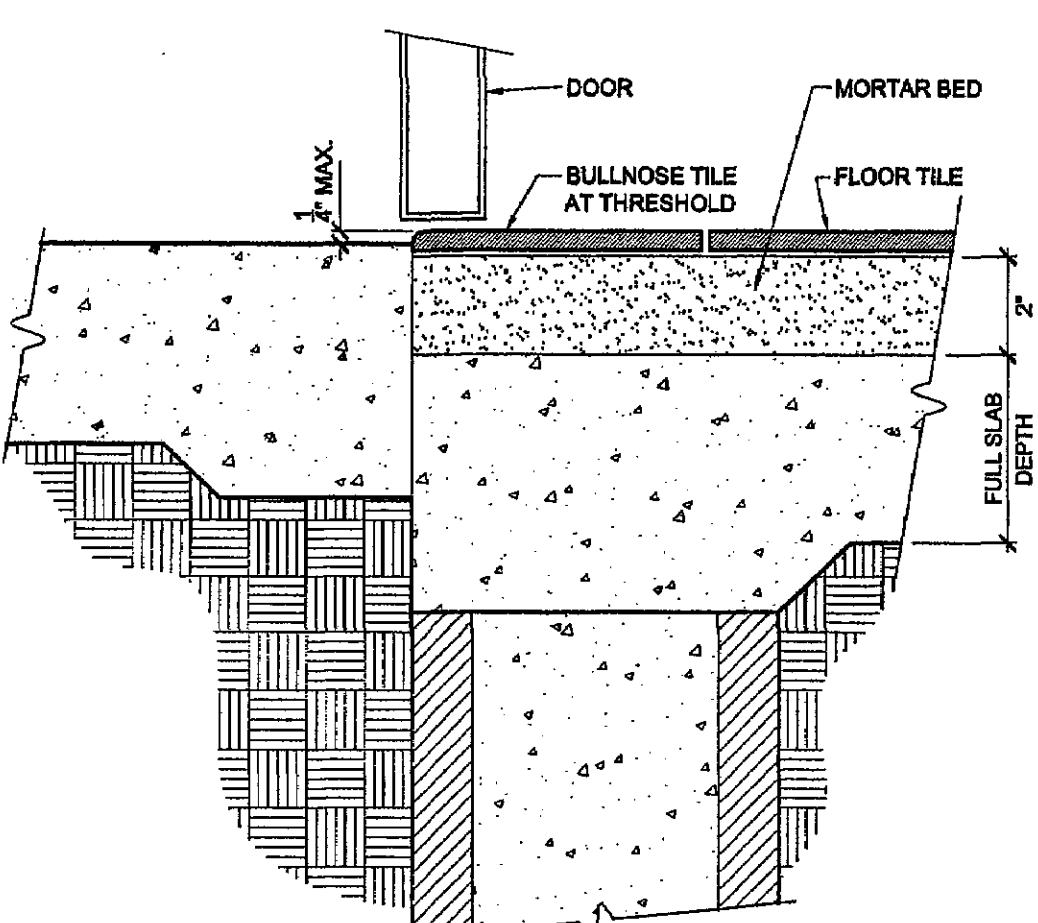
31 GRAVITY VENT DETAIL
1 1/2"= 1'-0" D155002A



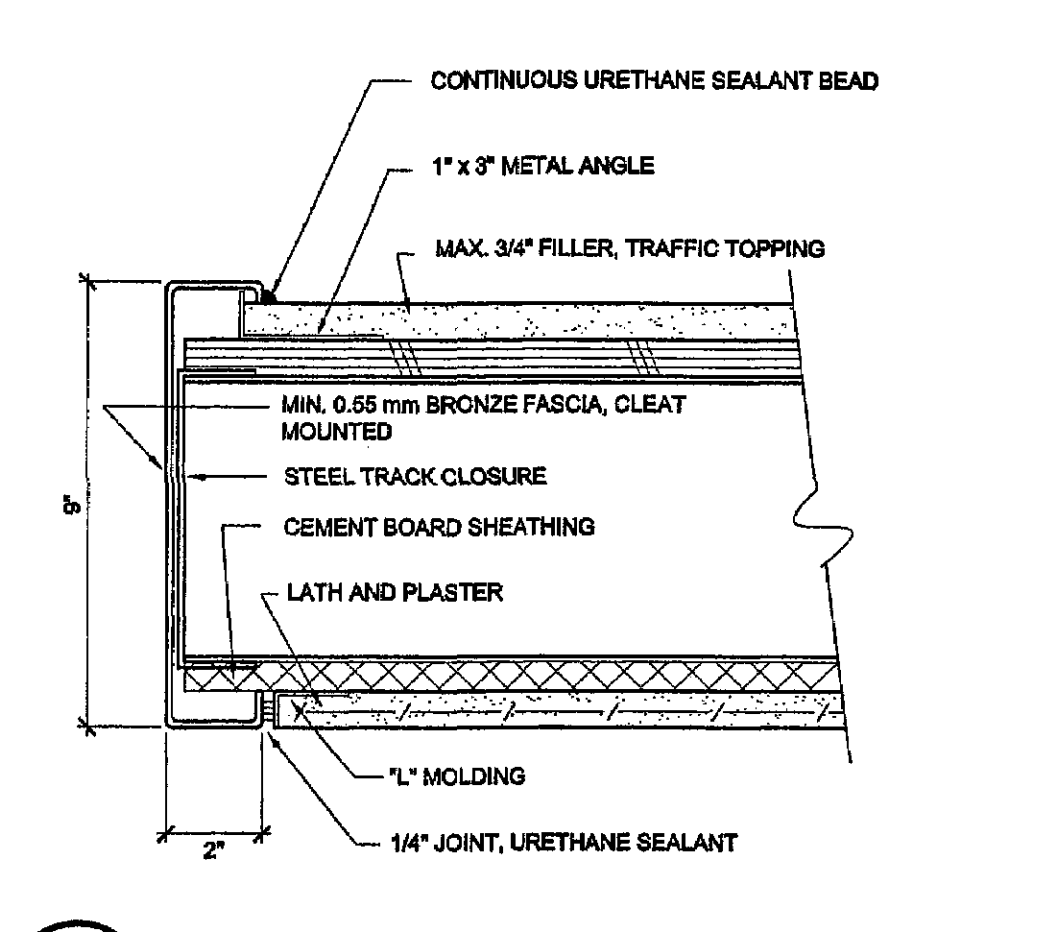
32 INTERIOR PARTITION
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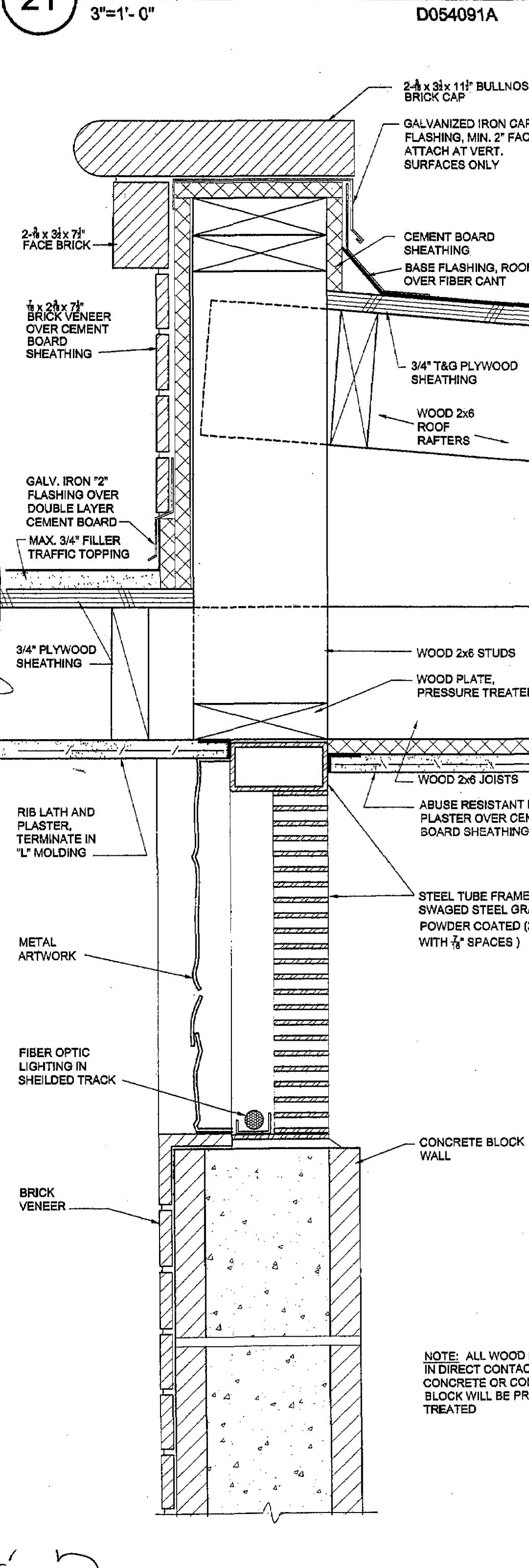
33 MAINT. DOOR THRESHOLD
6"= 1'-0" D087007A



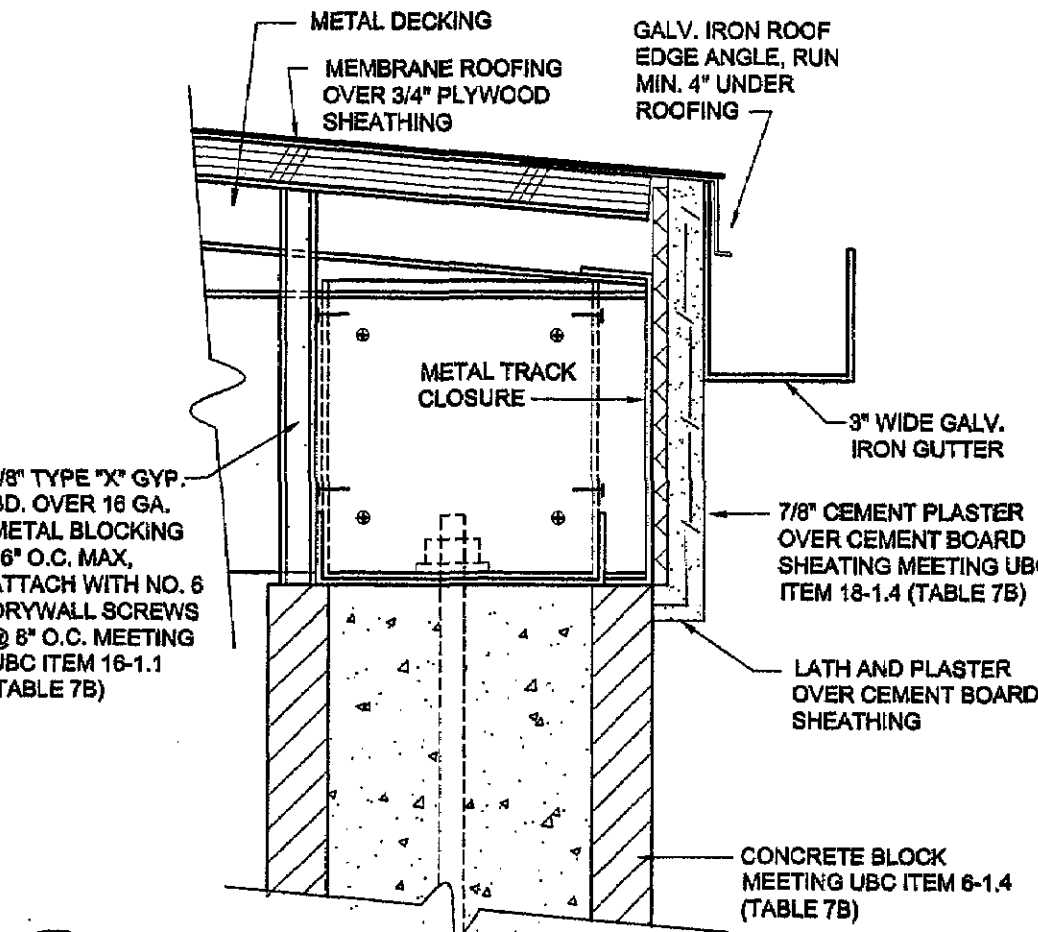
34 RESTROOM THRESHOLD
3"= 1'-0" D096005A



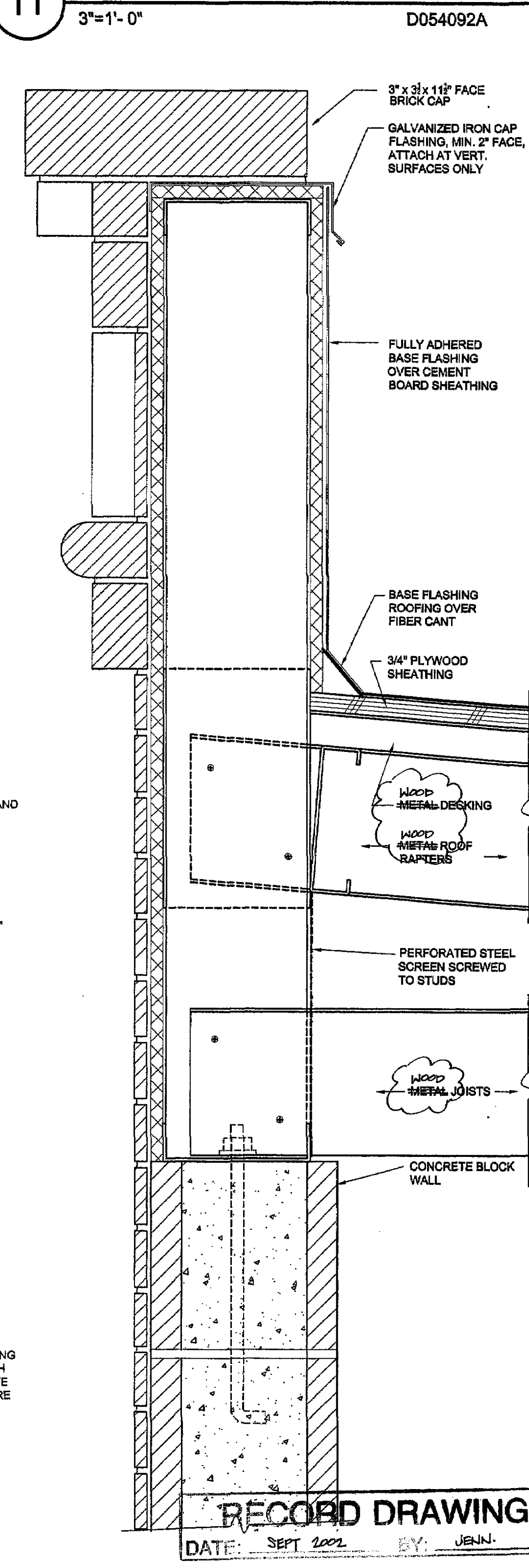
21 LOWER ROOF EDGE
3"= 1'-0" D054091A



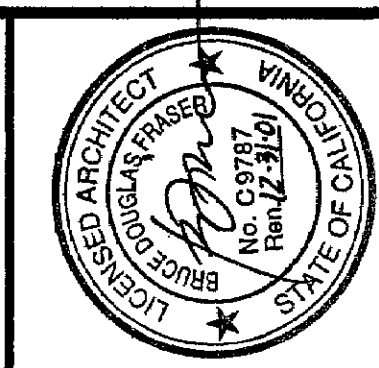
22 WALL DETAIL @ SECTION A
3"= 1'-0" D054090A



11 ROOF EDGE DETAIL
3"= 1'-0" D054092A



12 WALL DETAIL, SECTION B
3"= 1'-0" D054093A



City of San Luis Obispo

REVISIONS:

Drawn By & Date	Record Drawing
Drawn By & Date	

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

NEW RESTROOM FOR DOWNTOWN PARKING LOT #2

ARCHITECTURAL DETAILS

PROJECT TITLE:

SHEET TITLE:

DESIGNED BY: BDF

DRAWN BY: JCP

CHECKED BY:

APPROVED BY:

DATE: SEPT 2002 BY: JENJ.

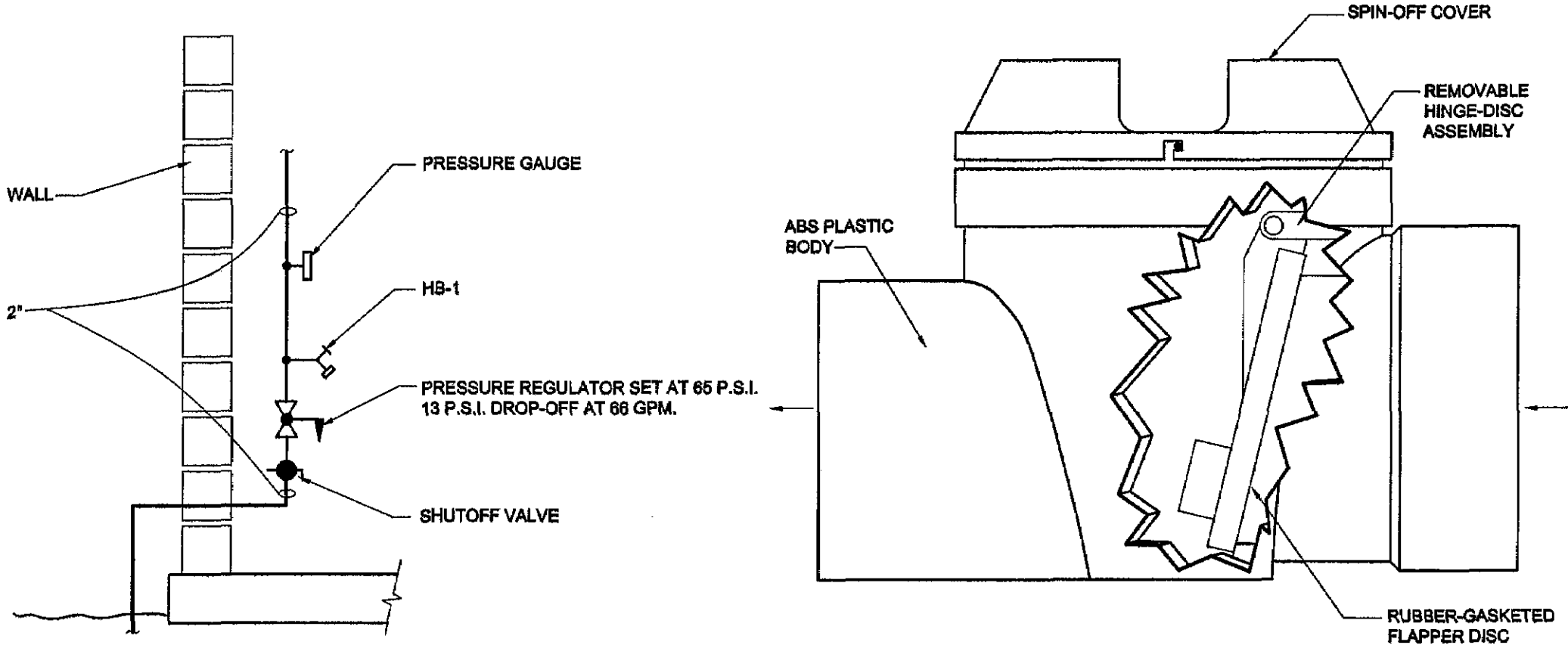
CITY SPECIFICATION NO. 90108

SHEET NO. A-5

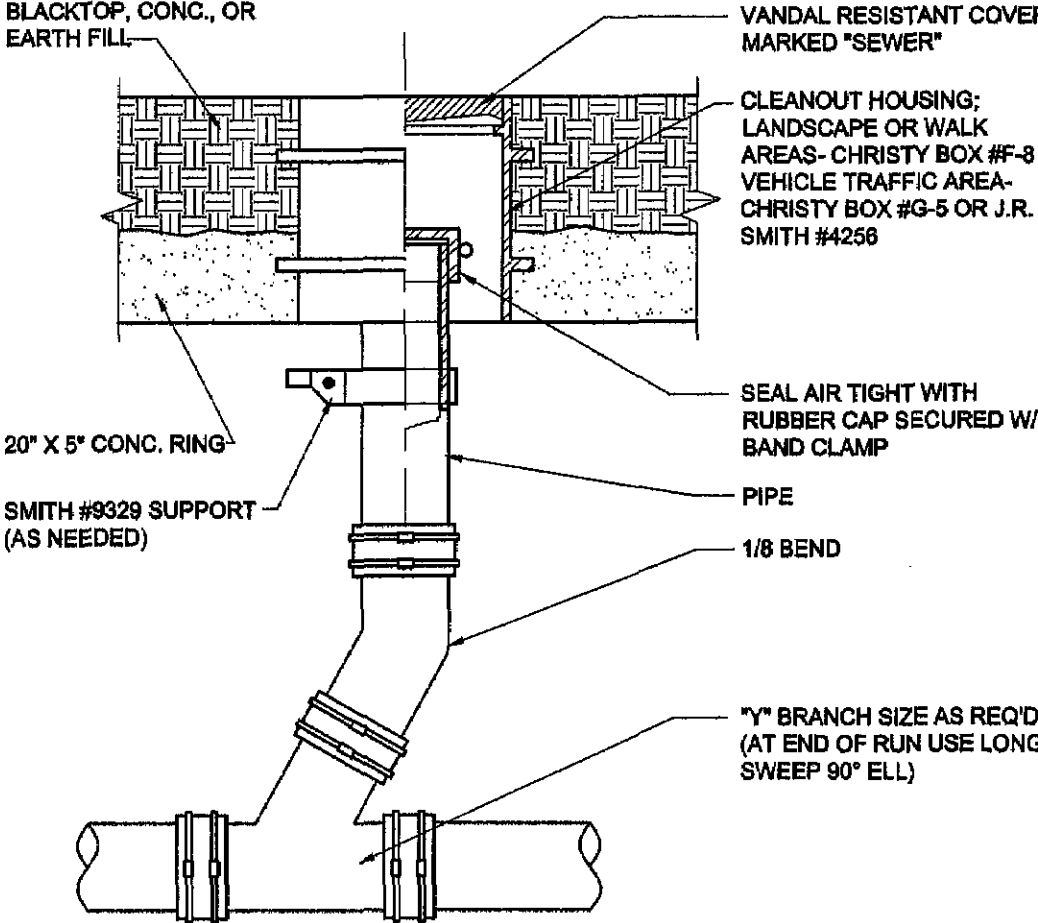
17/16/01

PLUMBING FIXTURE SCHEDULE

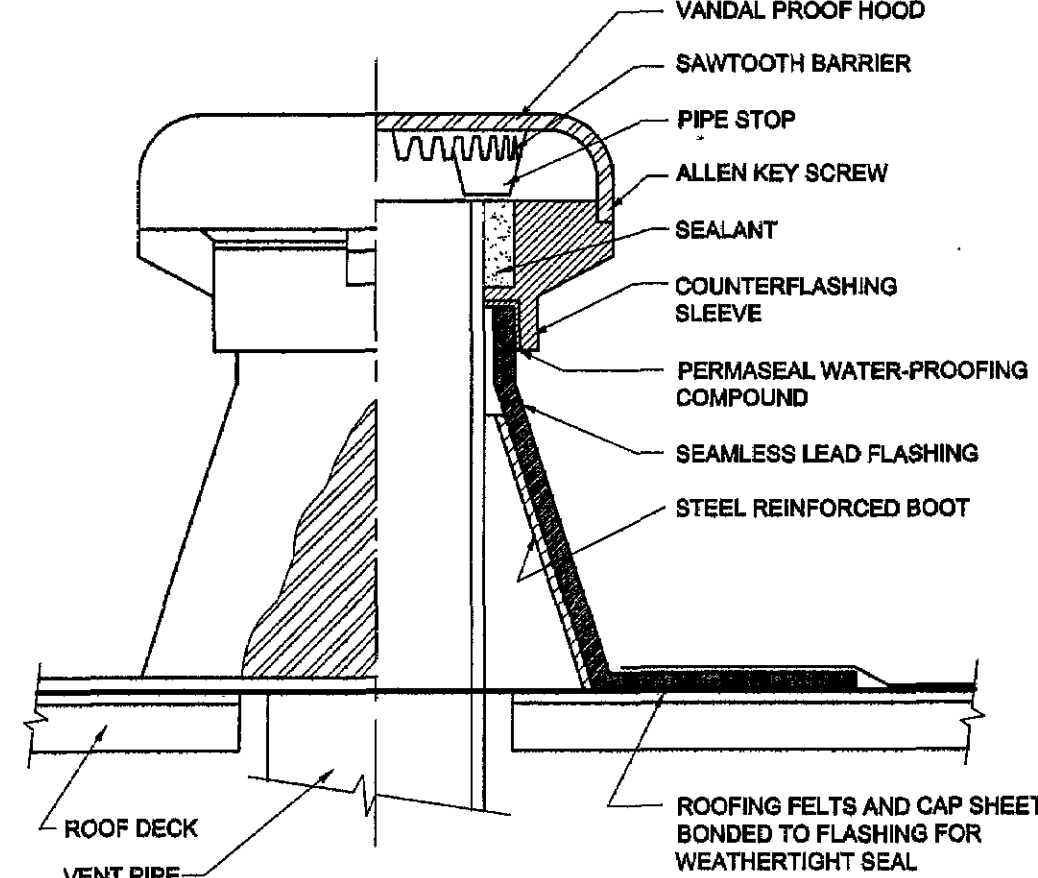
Symbol	Description	Min. Branch Size				Make/Model	Fittings	Remarks
		W	V	CW	HW			
WC-1	Water Closet	3	2	1-1/4	-	Kohler Kingston #K-4329	Sloan Royal Sensor flush valve # 152-1.5ES-S	Wall mounted, with J.R. Smith carrier #440-Y, Olsonite seat #10CC, 120/1/60 power to sensor transformer, max. 1.6 gallons per flush
U-1	Urinal	2	1-1/2	1-1/4	-	Kohler Brannham #K-4920-R	Sloan Royal Sensor flush valve # 195-1 ES-S	Floor mounted, 120/1/60 power to sensor transformer
L-1	Lavatory	2	1-1/2	1/2	-	Kohler Greenwich #K-2031	Chicago Faucet #349 with E2 spout	Wall mounted, E27 vacuum breaker, stop, supply and c.p. brass "P" trap, max. 2.2 gallons per minute faucet flow
FD-1	Floor Drain	2	2	1/2	-	J.R. Smith #2005-A-P	L-1 "P" trap primer	5" dia. cast iron
HB-1	Hose Bibb	-	-	3/4	-	Woodford B24	-	Chrome plated brass, anti-siphon, locking 7-1/8" x 6-3/4" wall box
HB-2	Hose Bibb	-	-	3/4	-	Woodford 24C	-	Brass, anti-siphon
SH-1	Shower Head	-	-	3/4	-	Chicago 621	-	Institutional wallsurface shower head, mounted per Architect (Alternate #2)



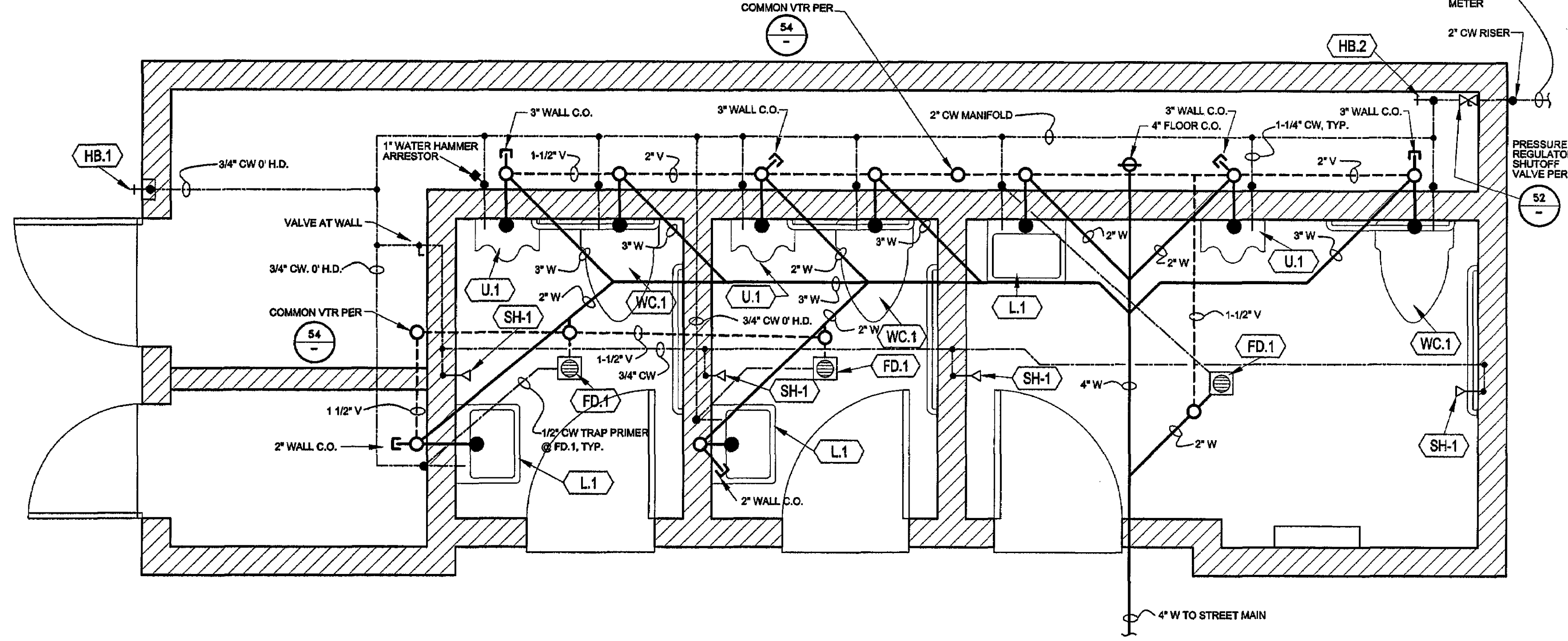
52 PRESSURE REGULATOR 1"=1'-0" D152002A
42 SEWER BACKWATER VALVE 6"=1'-0" D025003A



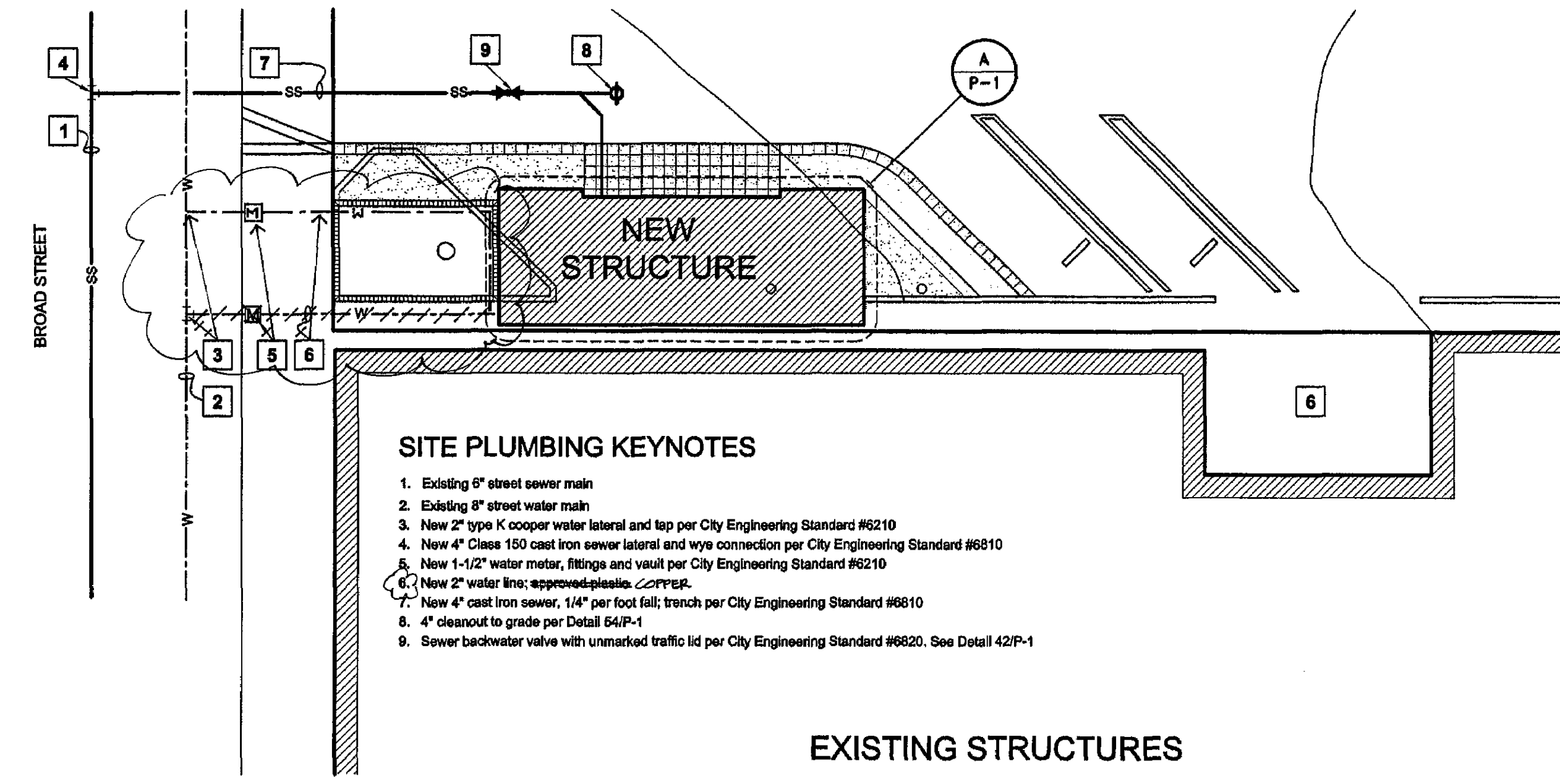
53 GRADE CLEANOUT 1"=1'-0" D152003A



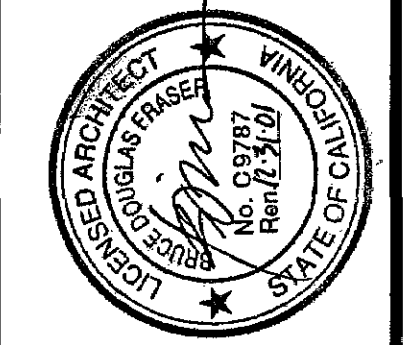
54 VENT THROUGH ROOF 1"=1'-0" D152004A



A BUILDING PLUMBING PLAN SCALE : 1:25



⊗ SITE PLUMBING PLAN SCALE : 1:125



City of
san luis obispo

REVISIONS:	Drawn By & Date	Record Drawing
	Drawn By & Date	

PROJECT TITLE:
NEW RESTROOM FOR
DOWNTOWN PARKING LOT #2
BUILDING, SITE PLUMBING PLANS,
DETAILS

DESIGNED BY:	BDF
DRAWN BY:	JCP
CHECKED BY:	
APPROVED BY:	
DATE:	
CITY SPECIFICATION NO.	SPEC. NO. 90108
SHEET NO.	P-1

RECORD DRAWING
DATE: SEPT 2002 BY: JENN.

GENERAL NOTES

- CODE COMPLIANCE: All work shall conform to and be performed in accordance with codes, standards, and ordinances as set forth by the authorities having jurisdiction and their latest adopted editions (in effect at time of building permit application) of the following publications:
(a) California Code of Regulations Title 24; includes 1995 California Electrical Code, Uniform Fire Code, Uniform Building Code, etc. with California and other local amendments as applicable.
(b) Americans with Disabilities Act (ADA)
- SAFETY: The Electrical Contractor is responsible to maintain all equipment in a safe and responsible manner. Keep dead front equipment in place while equipment is energized. Conduct all construction operations in a safe manner for employees as well as other workpersons or anyone visiting the job site. Provide barriers, flags, tape, etc. as required for safety. The Contractor shall hold all parties harmless of negligent safety practices which may cause injury to others on or near the job site.
- FIRE RATED ASSEMBLIES shall maintain ratings as specified in 1995 California Building Code chapter 7. General Contractor shall provide and install physical enclosure around fixtures, panels, etc. as required. All assemblies to be penetrated shall be installed with applicable through-penetration firestop system as determined by UL classification. Before construction, verify and comply with requirements of local authority having jurisdiction.
- MOUNTING HEIGHTS in inches to centerline above finish floor shall be as follows unless otherwise noted:
+16" AFF: receptacles, telephone, TV & data outlets.
+44" AFF: light switches.
+48" AFF: fire alarm manual pull stations, T-stats.
The lower of +80" AFF or 6" below ceiling: fire alarm visuals.
Before rough-in, verify all mounting heights and exact locations for all equipment electrical connections, stub-ups, receptacles, outlets, etc. with Architect or Owner. Place devices located above counters, shelving, etc. and in bathrooms so as not to conflict with edges of wainscoting, counter splash, shelving, etc. Architectural sheets shall govern.
- LABEL panels, cabinets, backboards, main devices, safety switches, contactors and other specifically designated equipment shown on plans. Use engraved laminated plastic nameplates attached by screws or rivets. Neatly and indelibly label conduit destinations on both visible ends of conduit runs where conduits terminate at designated enclosures, structures or equipment (including pull and splice boxes). Correct existing panel directories and field-labeled designations to reflect new conditions.
- EQUIPMENT GROUNDING CONDUCTORS shall be installed in ALL power system raceways.
- MINIMUM CONDUIT SIZE shall be 1/2" except use minimum 3/4" for underslab homeruns and below grade outside of building exterior walls. Run exposed conduit square and plumb with building lines.
- BEFORE CONSTRUCTION, PROVIDE SUBMITTALS of proposed products for Owner review and approval. All equipment and materials shall be new and listed, labeled or certified for its use by a Nationally Recognized Testing Laboratory (NRTL) as recognized by the US Dept. of Labor, Occupational Safety and Health Administration. The quality and suitability of all products and materials shall conform to the standards and practices of this trade.
- THE ELECTRICAL PLANS indicate the general layout and arrangement; exact locations shall be determined by the architectural drawings and field conditions. Field verify all conditions and modify as required to satisfy design intent. Maintain all required working clearances.
- DISCREPANCIES shall be brought immediately to the attention of the Architect for clarification. Any changes shall be approved by the Architect. Prior to rough-in, refer to architectural plans which shall take precedence over electrical plans with respect to locations.
- PROFESSIONALISM AND APPEARANCE of all installations shall be in accordance with accepted practices of this trade. Installation methods shall conform to manufacturers' specifications. The Contractor shall provide the job with qualified journeymen and helpers in this trade for the duration of the job. It is the Contractor's responsibility to communicate with and keep the job superintendent apprised of changes or clarifications, etc.
- THE INTENT OF THESE SPECIFICATIONS is to establish a standard of quality for materials and equipment. Therefore, some items are identified by manufacturer or trade name designation. Substitutions shall be subject to the Architect's approval. Samples of the proposed and substitute materials may be required for inspection prior to approval. Costs, if any, for evaluation of substitutions shall be the Contractor's responsibility. The decision of the Architect shall be final. Where the substitution will affect other trades, coordinate all changes with those trades concerned and pay any additional costs incurred by them as a result of this substitution. Approval of substitutions shall not relieve the Contractor from providing an operational system in accordance with all applicable codes and ordinances.
- STORAGE OF EQUIPMENT for the job is the responsibility of the Electrical Contractor and shall be scheduled for delivery to the site as the equipment is required. Damage to the equipment delivered to the site or in transport to the job shall be the responsibility of the Electrical Contractor.
- USE STEEL OUTLET BOXES only.
- SWITCHES AND RECEPTACLES shall be 20 amp.
- ALL POWER SYSTEM CONDUCTORS shall be copper with type THHN/THWN insulation, INSTALLED IN ALL RACEWAYS.
- PROVIDE NEAT AND ACCURATE FIELD RECORD DRAWINGS to Owner upon completion of work.
- GUARANTEES: All equipment and labor shall be guaranteed and warranted free of defects, unless otherwise stated to be more restrictive, for a period of one year from the date of final acceptance by the Owner. A written warranty shall be presented to the Architect at the time of completion prior to final acceptance. Equipment deemed to be damaged, broken or failed shall be repaired or replaced at no additional cost to the Owner.
- THE FOLLOWING RACEWAYS WILL BE ACCEPTABLE FOR USE ON THIS PROJECT.
 - PVC (40 & 80).
 - GALVAIZED RIGID STEEL (GRS).
 - ELECTRIC METALIC CONDUIT (EMT).
 - FLEXIBLE STEEL CONDUIT (WHERE CONCEALED IN BUILDING CONSTRUCTION)
 - SEAL-TIGHT FLEX CONDUIT.
- ALL ELECTRICAL FACILITIES, FIXTURES, OUTLETS must be at least 3 feet above finished grade adjacent to structure.

SEE NOTE	125A, 120/208V, 1Ø, 4W MCB				(N) PANEL				SURFACE MOUNT, NEMA 3R				SEE NOTE
	3Ø FULL SIZE PLUG-IN CB SPACES				B				LOCATION: BLDG EXTERIOR				
	NQOD PANEL & BRANCH CB'S								WITH EQUIP'T GND BUS				
	W/ 100AMP MAIN BREAKER												
CRKT	DESCRIPTION	AMP CB	WIRE SIZE	PHASE A	PHASE B	WIRE SIZE	AMP CB	DESCRIPTION	CRKT				
#	#	# POLE	#	VA	VA	#	# POLE	#	#				
1	RESTROOM INTERIOR LIGHTING	20	12	100		10	30	HAND DRYER	2				
		1		2000			1						
1,2	3 RESTROOM EXTERIOR LIGHTING				600	10	30	HAND DRYER	4				
					2000		1						
1,2	5 RESTROOM INTERIOR LIGHTING			150		12	30	HAND DRYER	6				
				2000			1						
	7 TIMECLOCK CONTROL				100	12	20	STORAGE RECEPTACLES	8				
					720		1						
	9 SPARE			720		12		MAINT. RECEPTACLES	10				
	11				100	12		PLUMBING TRANSFORMER	12				
	13							SPARE	14				
	15								16				
	17								18				
CONNECTED LOAD (VA) =				4970	3520								
25% OF CONTINUOUS LOAD =				63	150								
TOTAL (VA) =				5033	3870								
TOTAL + 120 VOLT =				42 A	31 A								