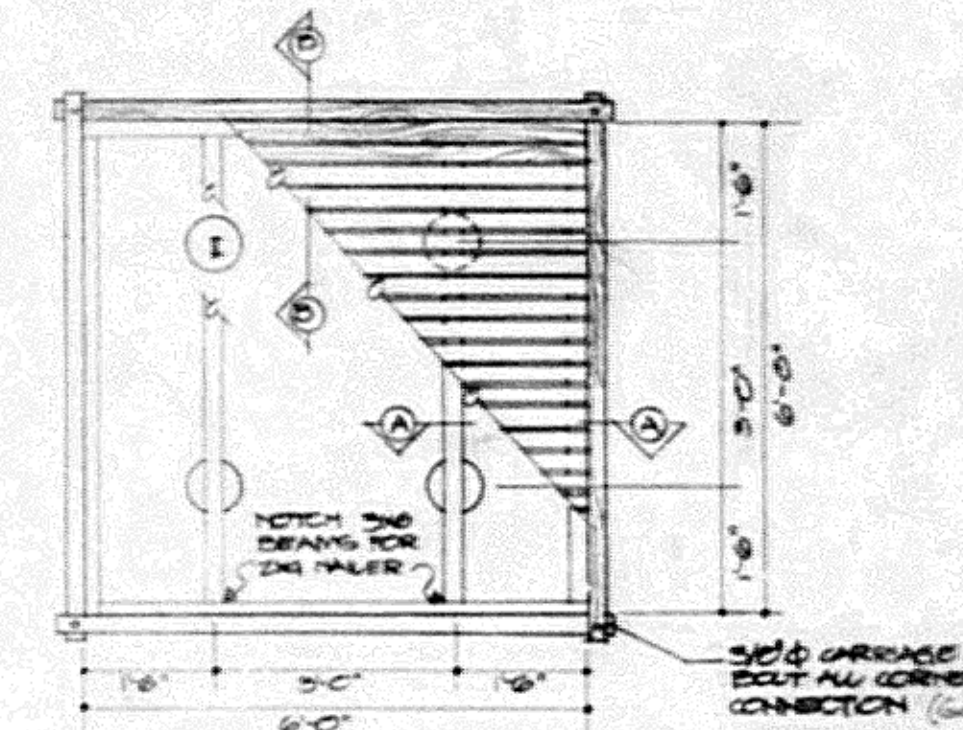


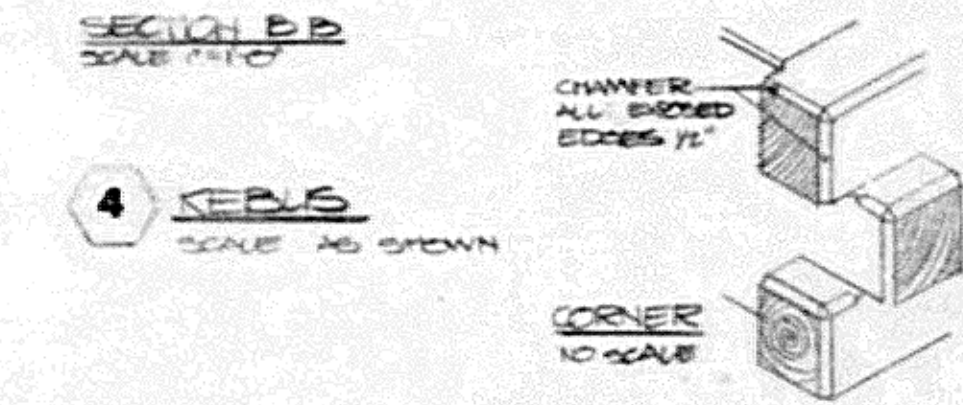
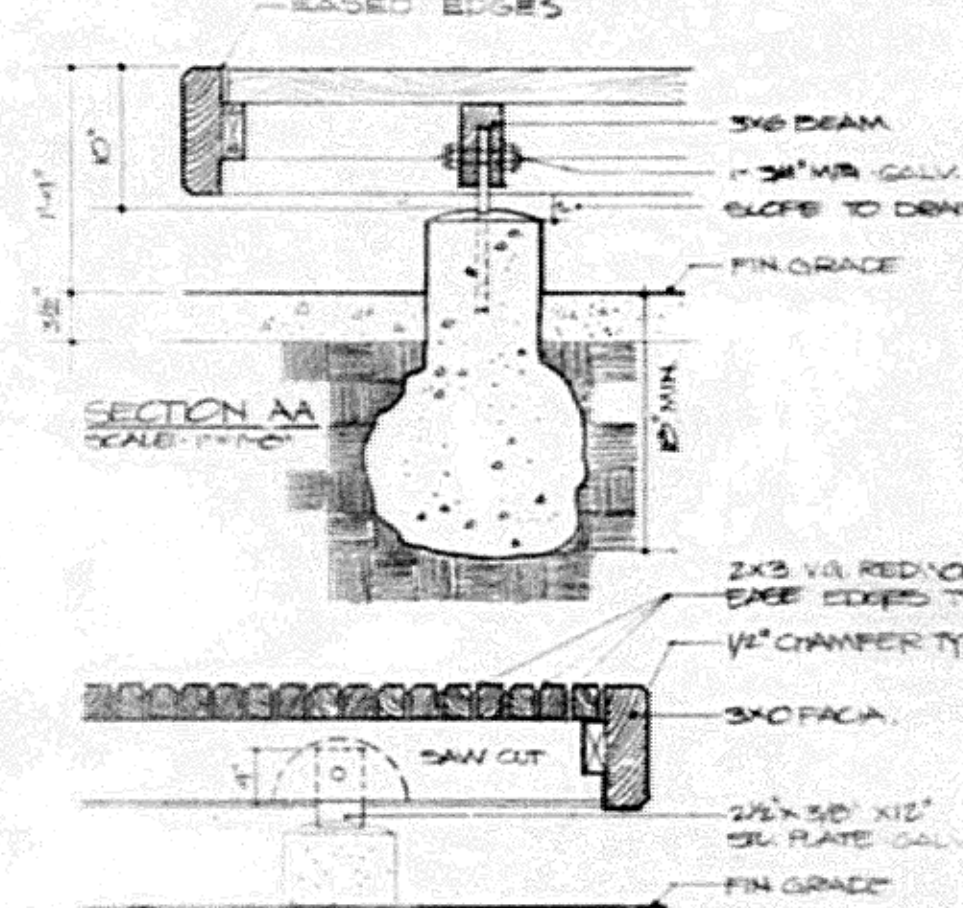
- GENERAL NOTES:**
1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD. REPORT DISCREPANCIES TO ENGINEER BEFORE PROCEEDING WITH WORK.
 2. ALL CORNER RADIUS ON CONCRETE FINISH TO BE 1'-0" UNLESS SHOWN OTHERWISE.
 3. ALL ANGLES OF WALKS AND PAVED AREAS TO BE 15° UNLESS OTHERWISE SHOWN.
 4. DIMENSIONS TO BE TAKEN FROM FACE OF CONG. EDGE OF WALL AND BASE LINES.
 5. CONCRETE FINISH TO RICH AND DRAIN AWAY FROM BUILDING UNLESS OTHERWISE INDICATED.

- GENERAL LEGEND**
- EXPANSION JOINT
 - CONTROL JOINT (TRENCHED)
 - AREA TO RECEIVE 12" OF SOIL
- PROPOSED PLANTS (N.I.C.)



SECTION AA
SCALE: 1/2" = 1'-0"

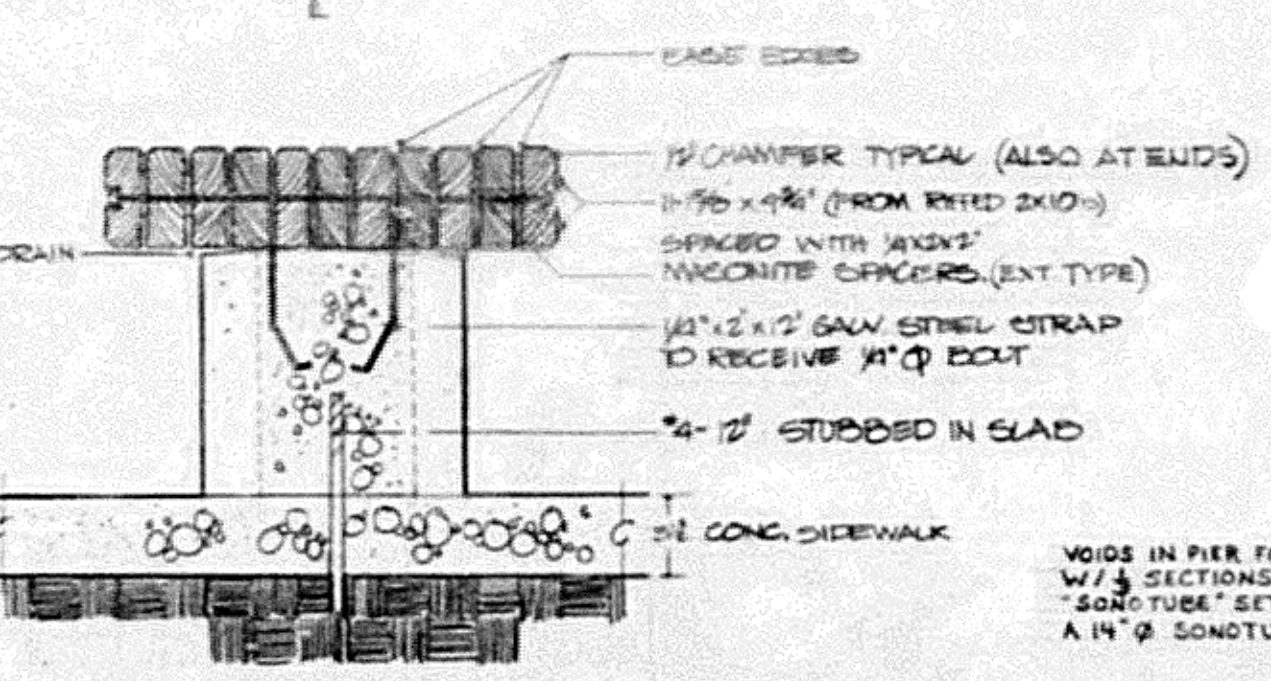
ALL EXPOSED WOOD TO BE REDUCED TO VERTICAL GRAIN UP
CONCRETE JOINTS TO BE FORMED BY 04 SCHEDULE



- LEGEND**
- DIMENSION BASE LINE
 - PROPERTY LINE
 - PIPING FOR 1054 BUSES
 - HOSE BIB
 - 400# BLACK IRON STRIP
 - 1" DIA. BRASS 1" ANGLE ELECTRIC VALVE
 - 1/2" DIA. BRASS 1/2" ANGLE ELECTRIC VALVE
 - 1/2" DIA. BRASS 1/2" ELECTRIC WATER VALVE
 - 1/2" DIA. BRASS 1/2" STATION CONTROLLER
 - 2" GALV. IRON MAIN LINE
 - FLEXIBLE POLYETHYLENE LATERAL LINES
- NOTE: INDIVIDUAL VALVES ARE DESIGNATED BY LETTER: A, B, C, D, ETC.

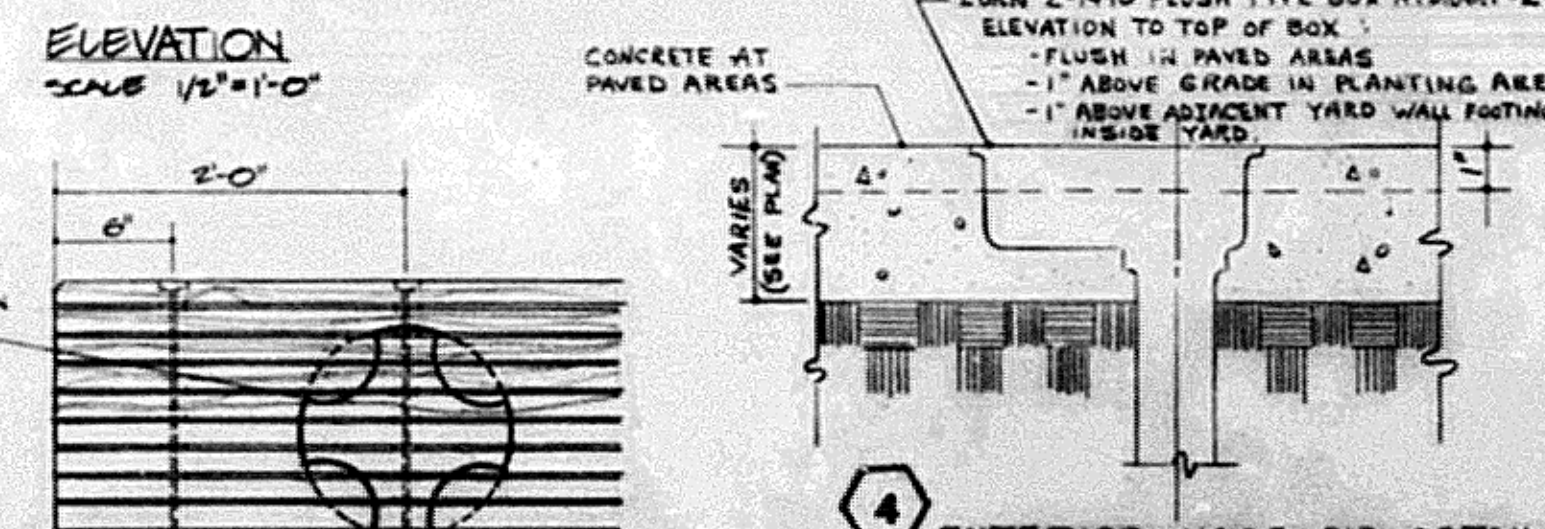
LANDSCAPE PLAN
SCALE: 1/8" = 1'-0"

DIMENSIONS SHOWN ARE FOR LANDSCAPE LAYOUT. DO NOT USE FOR CONSTRUCTION OF YARD WALL OR BUILDING



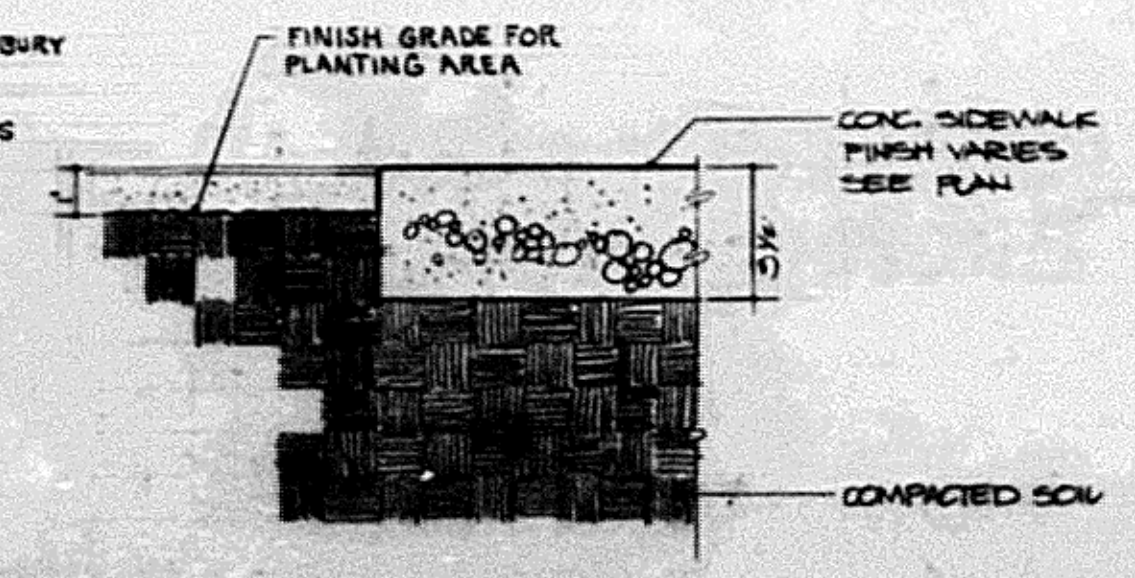
SECTION 1
SCALE: 1/2" = 1'-0"

GENERAL NOTE: WOOD BENCH TOP TO BE CONSTRUCTED PRIOR TO CONCRETE FEET. ALL WOOD TO BE REDUCED 5/8"



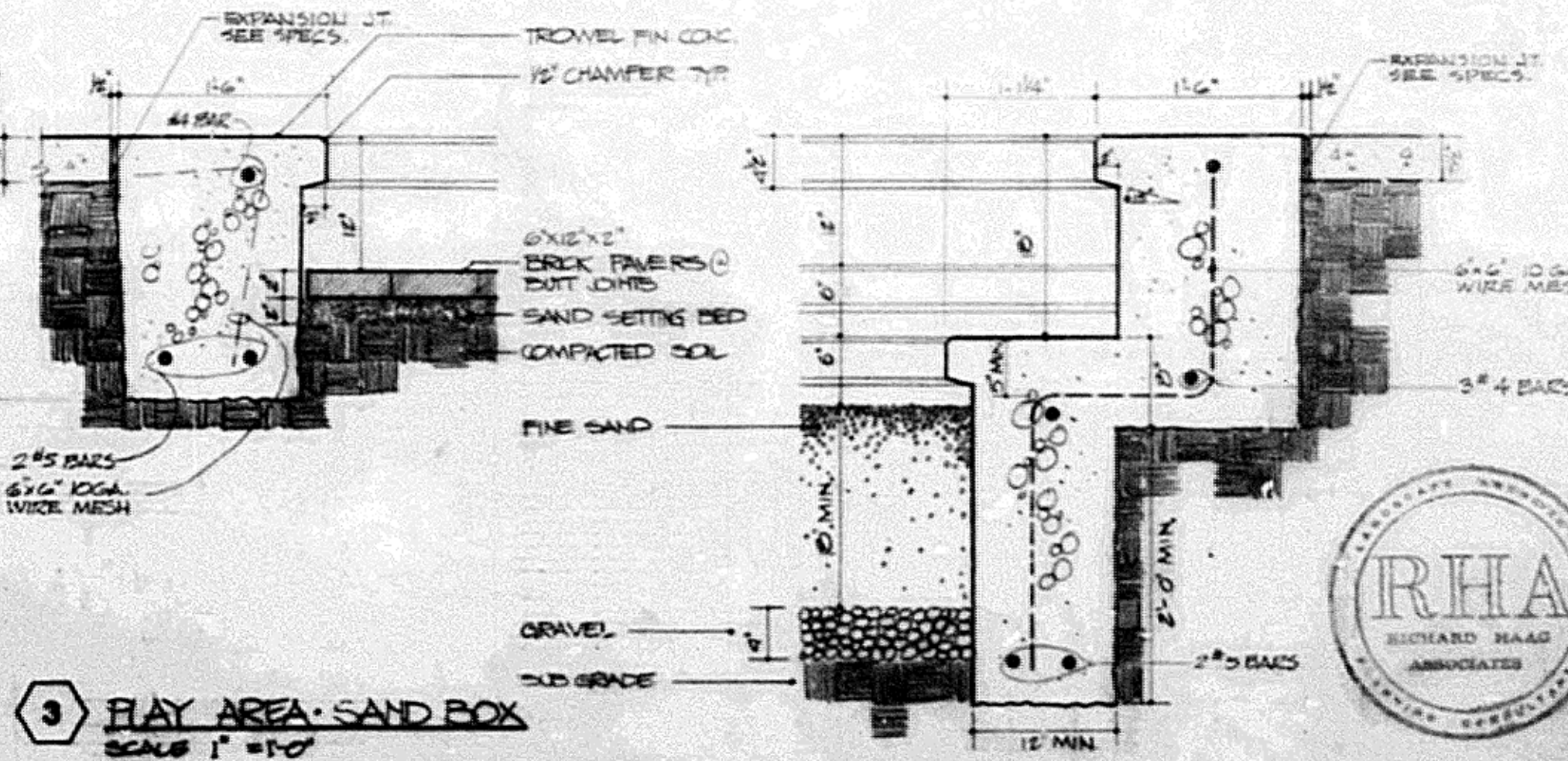
ELEVATION
SCALE: 1/2" = 1'-0"

EXTERIOR HOSE BIB DETAIL
SCALE: 3/4" = 1'-0"



SECTION 2
SCALE: 3/4" = 1'-0"

PLANTING AREA AND PAVING (TYP)
SCALE: 3/4" = 1'-0"



SECTION 3
SCALE: 1" = 1'-0"

PLAY AREA SAND BOX
SCALE: 1" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION
1	1-18-66	REVISED BENCH
2	1-18-66	REVISED WALK
3	1-18-66	REVISED WATER PIPING AS BUILT
4	1-18-66	REVISED PLAY AREA
5	1-18-66	REVISED HOSE BIB
6	1-18-66	REVISED SAND BOX
7	1-18-66	REVISED PLANTS
8	1-18-66	REVISED DRIVE
9	1-18-66	REVISED DRIVE
10	1-18-66	REVISED DRIVE

APPROVED BY SEATTLE BOARD OF PUBLIC WORKS

FRED BAGGETTI & COMPANY / ARCHITECTS
Fred Baggetti, Registered Architect
State of Washington, License No. 12345
510 LOGAN BUILDING / SEATTLE 1, WASHINGTON / WA 98104

CITY OF SEATTLE
DEPARTMENT OF LIGHTING
JOHN H. NELSON, SUPERVISOR
APPROVED FOR DEPARTMENT OF LIGHTING
DATE: 1-5-66

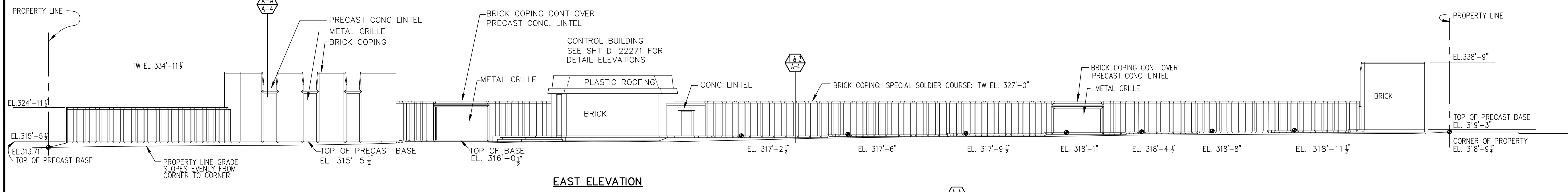
EAST PINE SUBSTATION
LANDSCAPE PLAN, SPRINKLER PIPING AND HOSE BIBB DETAILS

SCALE: 1/8" = 1'-0" OR AS NOTED

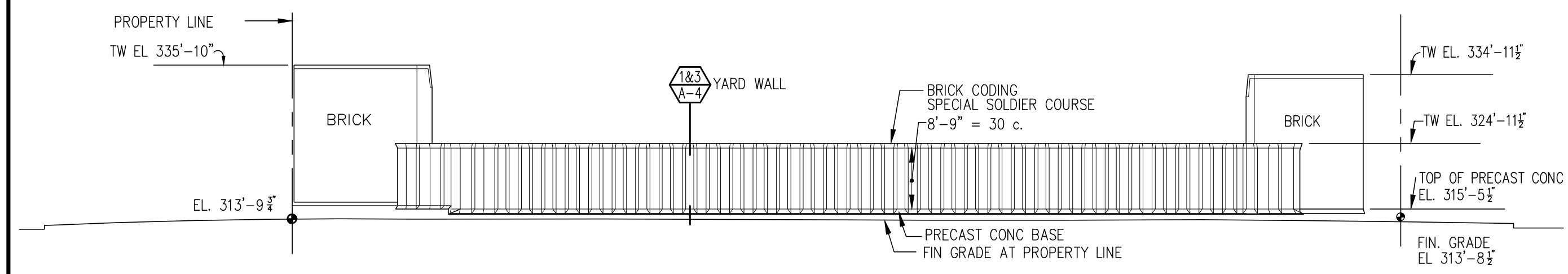
DRAWING NO. **D-2226**

RHA
RICHARD H. ADAMS
REGISTERED ARCHITECT

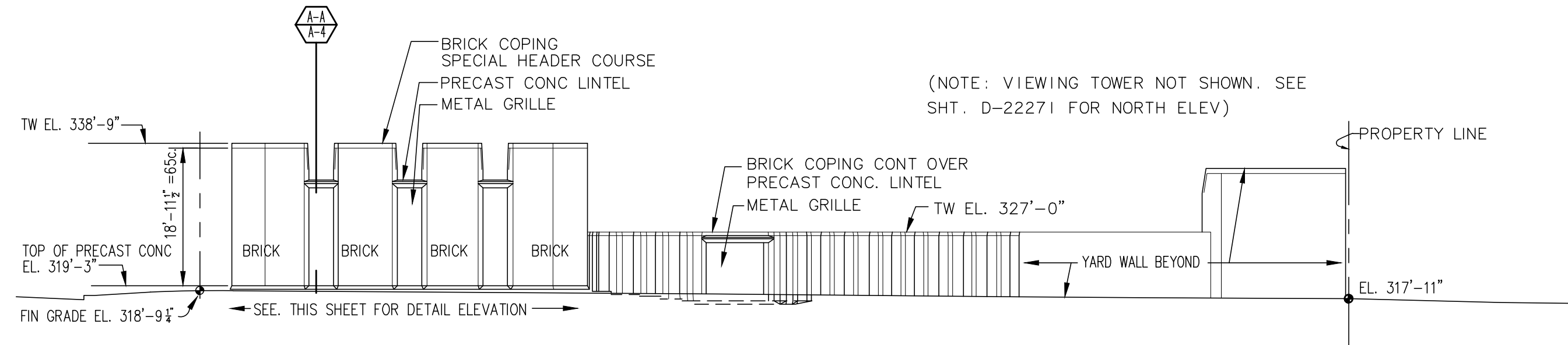
DATE: 1-5-66



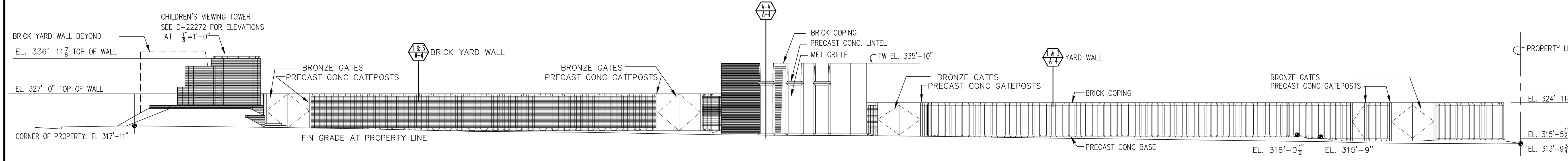
EAST ELEVATION



SOUTH ELEVATION

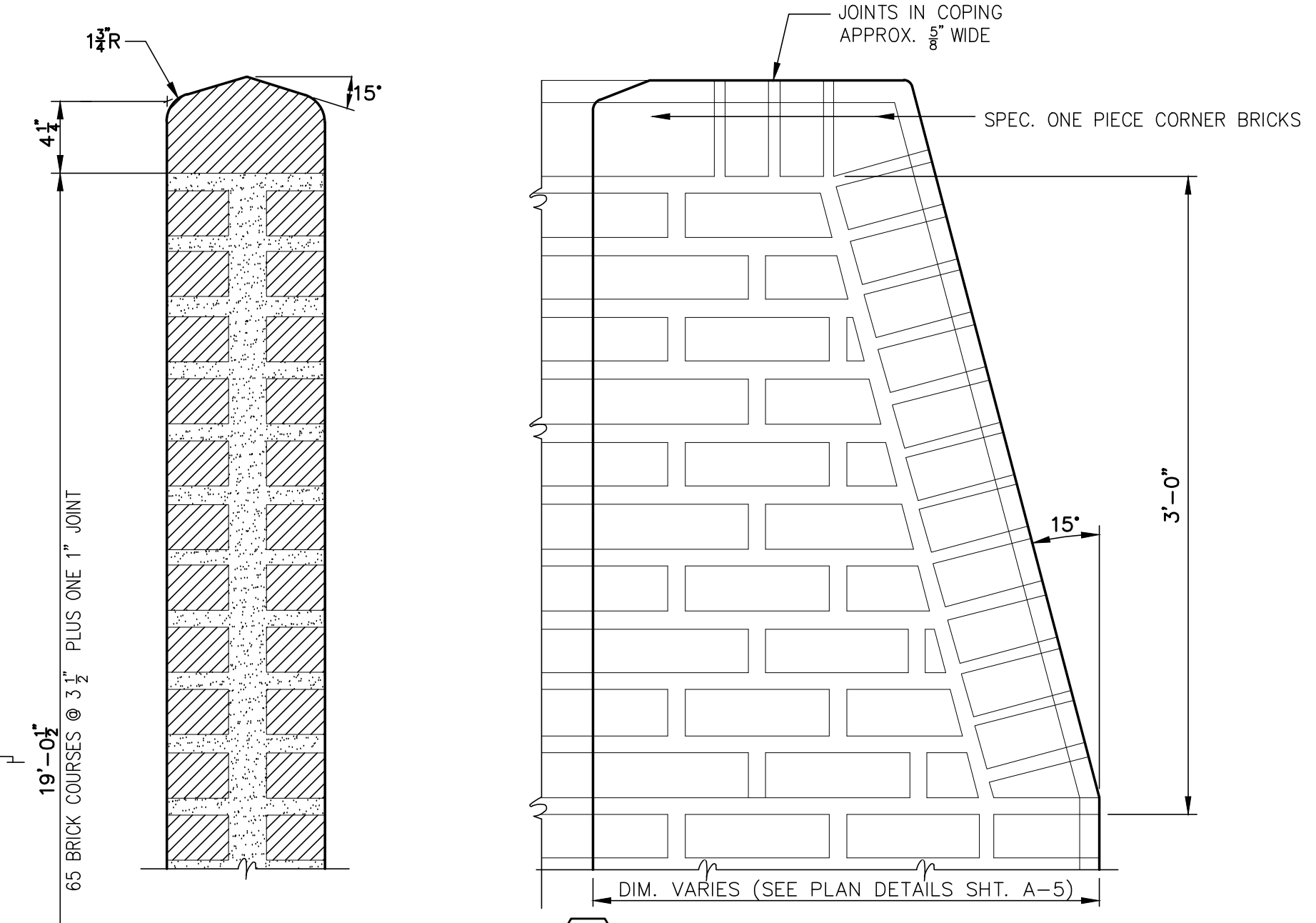


NORTH ELEVATION

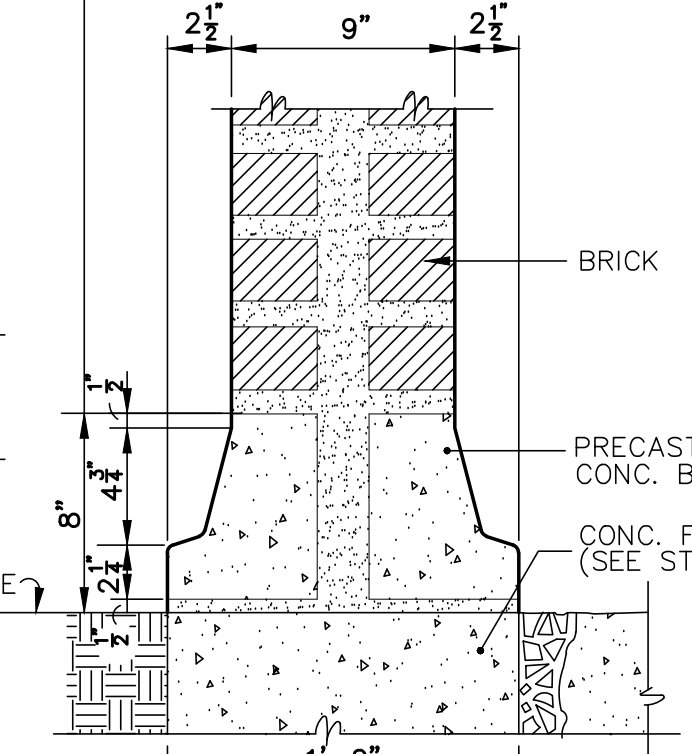


WEST ELEVATION

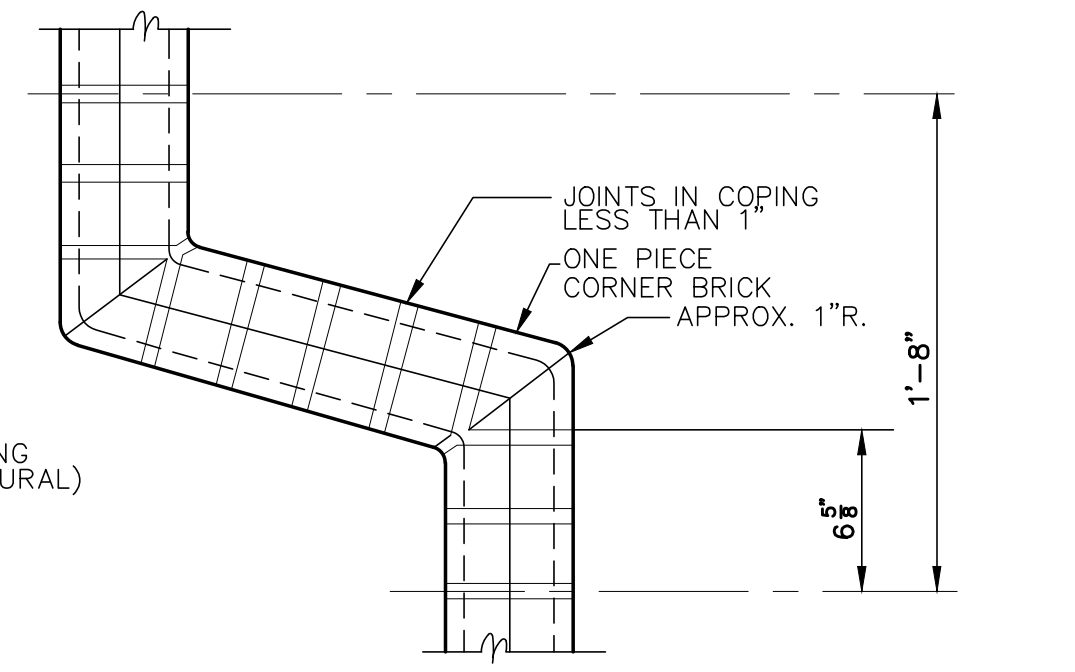
ELEVATIONS FROM STREET
SCALE 1/16" = 1'-0"



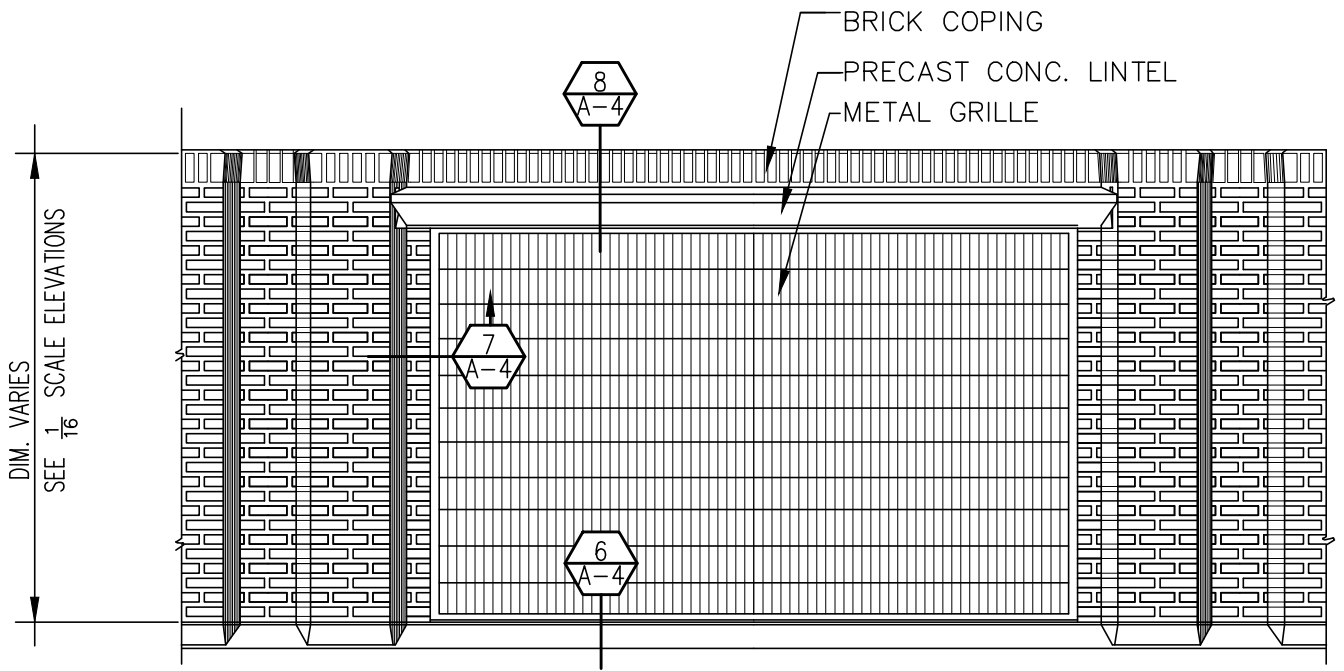
5 ELEVATION DETAIL
HIGH YARD WALL-SLOPING ENDS



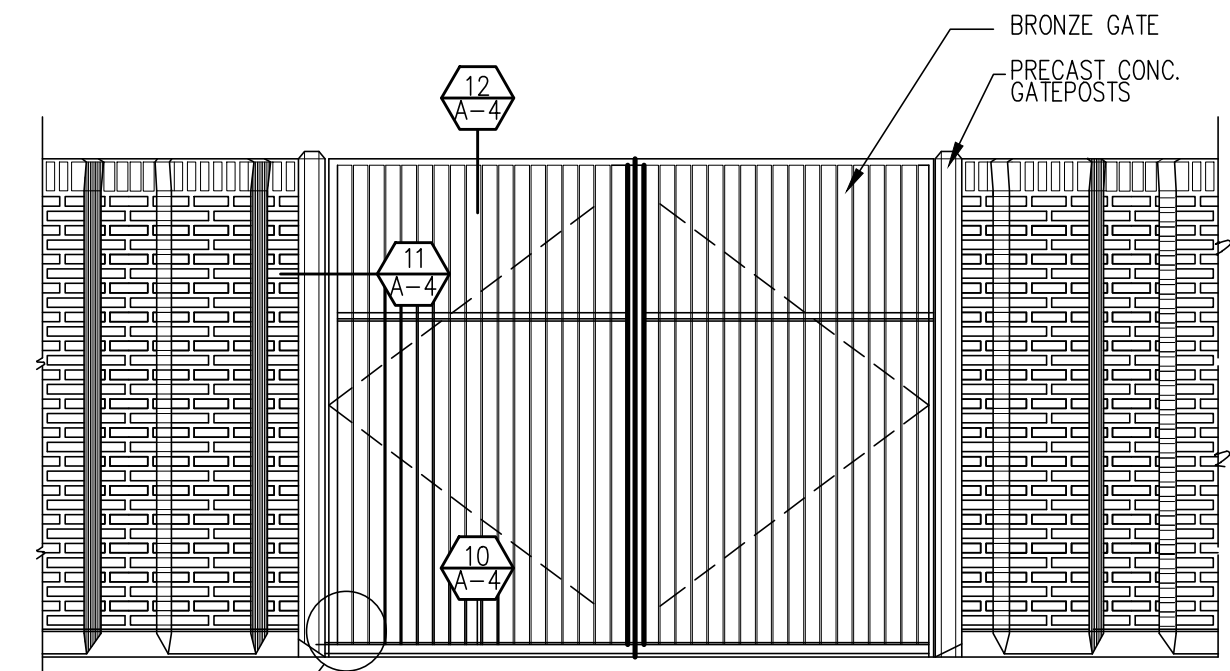
9 HIGH YARD WALL SECTION



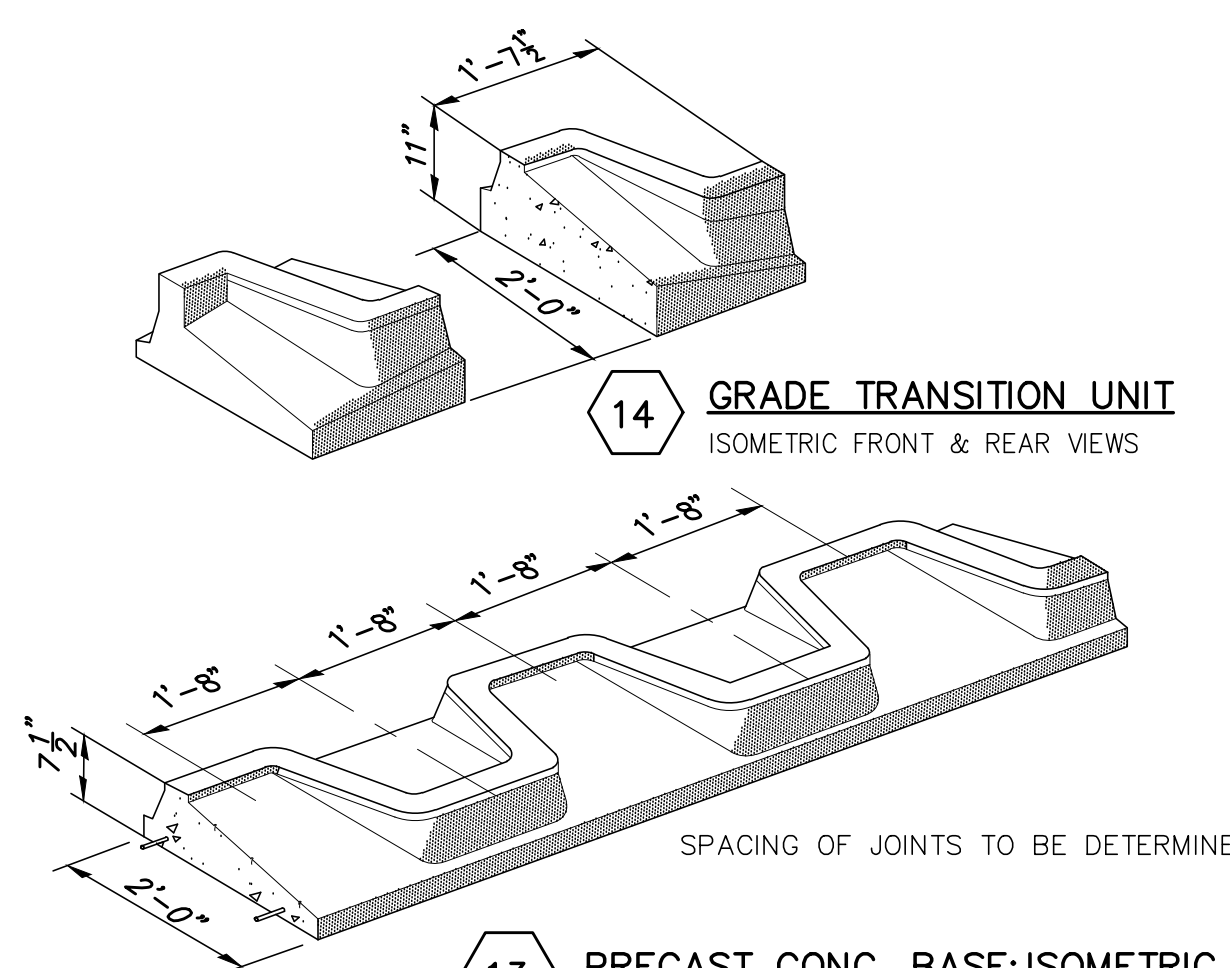
4 PLAN OF COPING
LOW YARD WALL



TYPICAL GRILLE OPENING
AT LOW YARD WALL

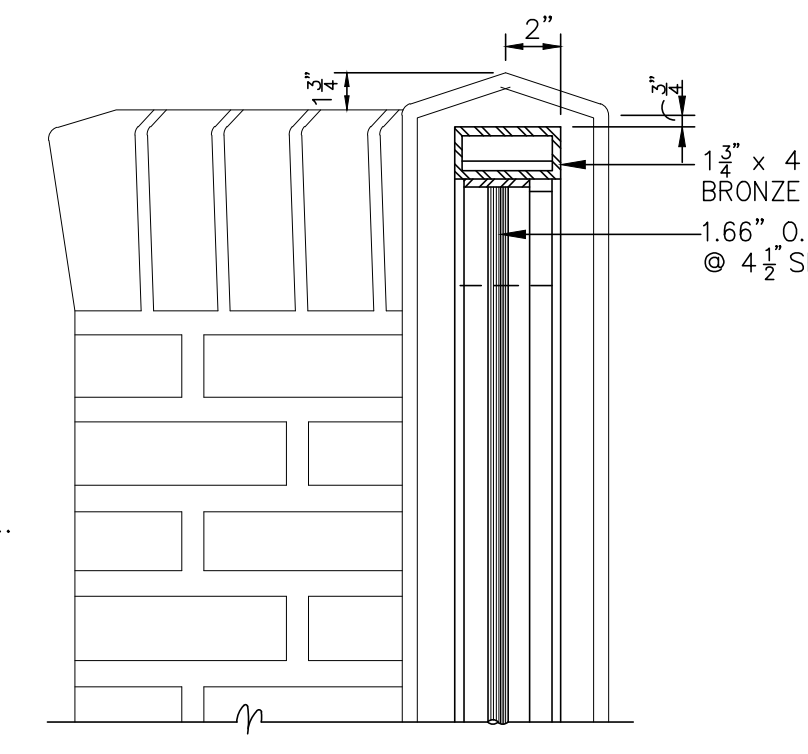


TYPICAL GATE

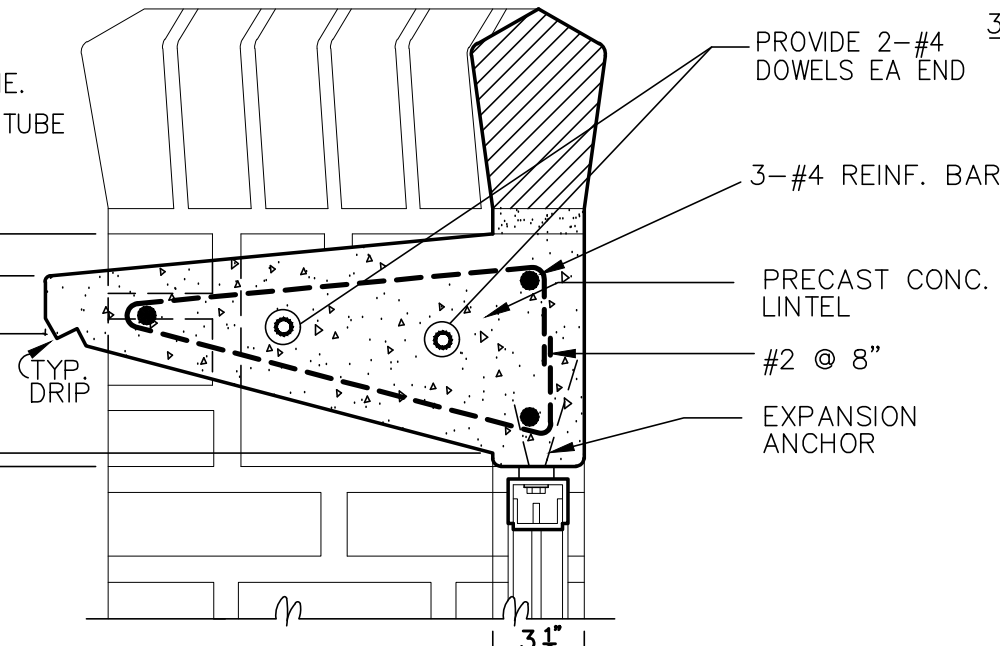


14 GRADE TRANSITION UNIT
ISOMETRIC FRONT & REAR VIEWS

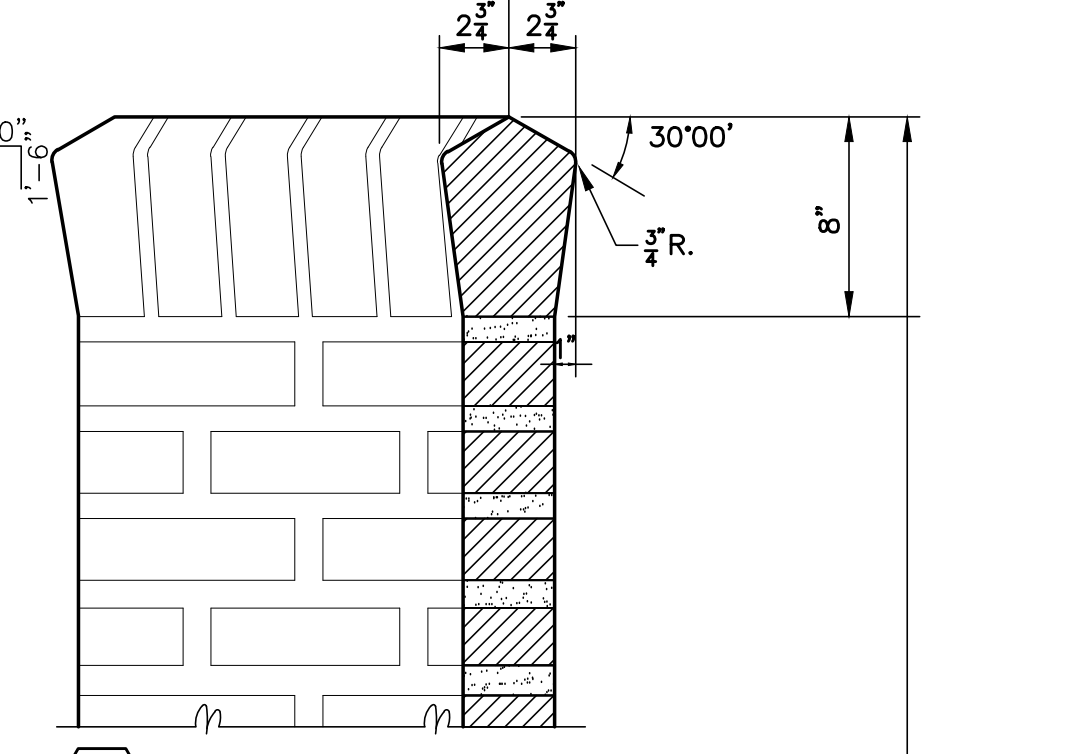
13 PRECAST CONC. BASE ISOMETRIC
SCALE 1/2" = 1'-0"



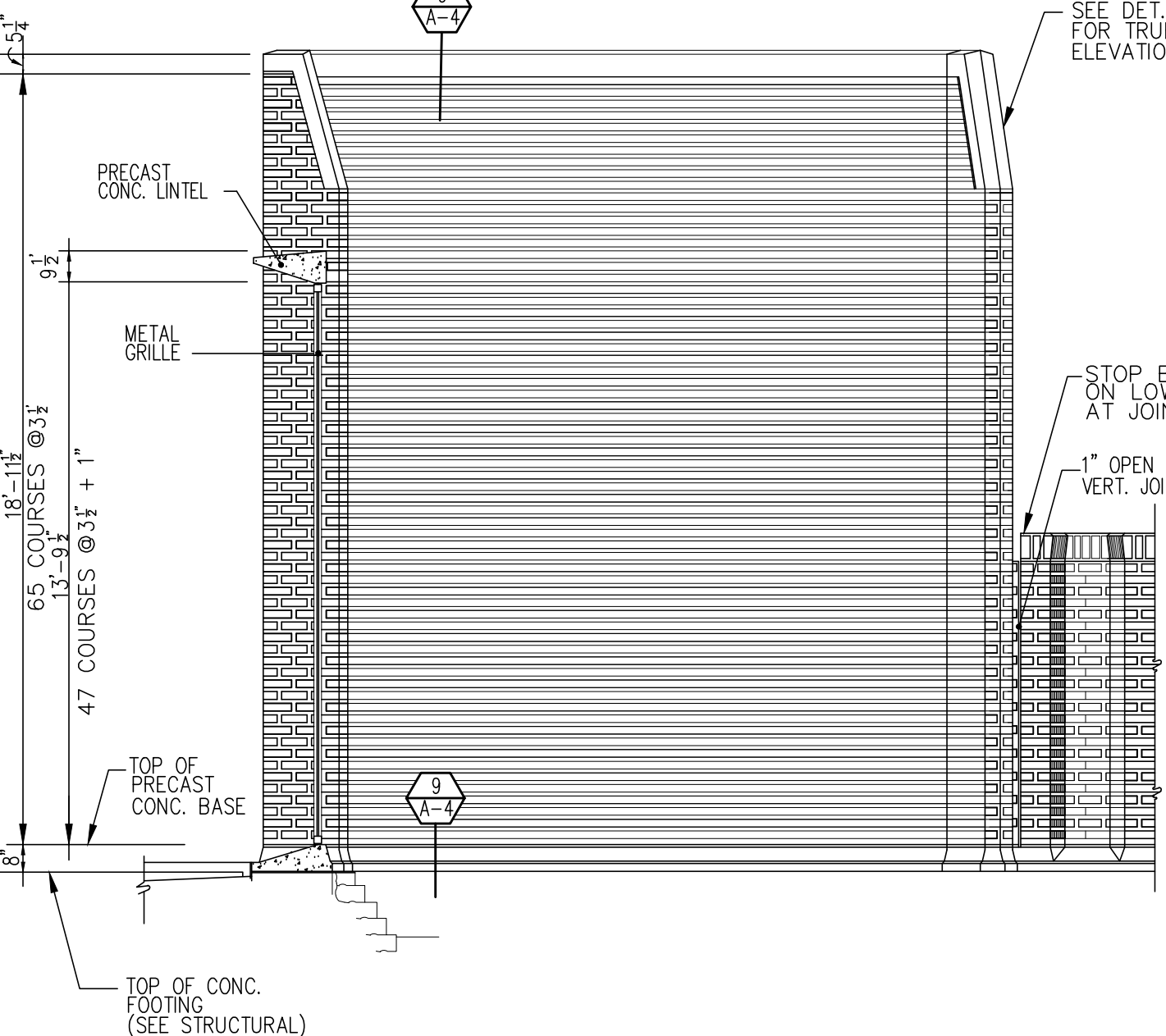
12 HEAD SECTION
AT GATE



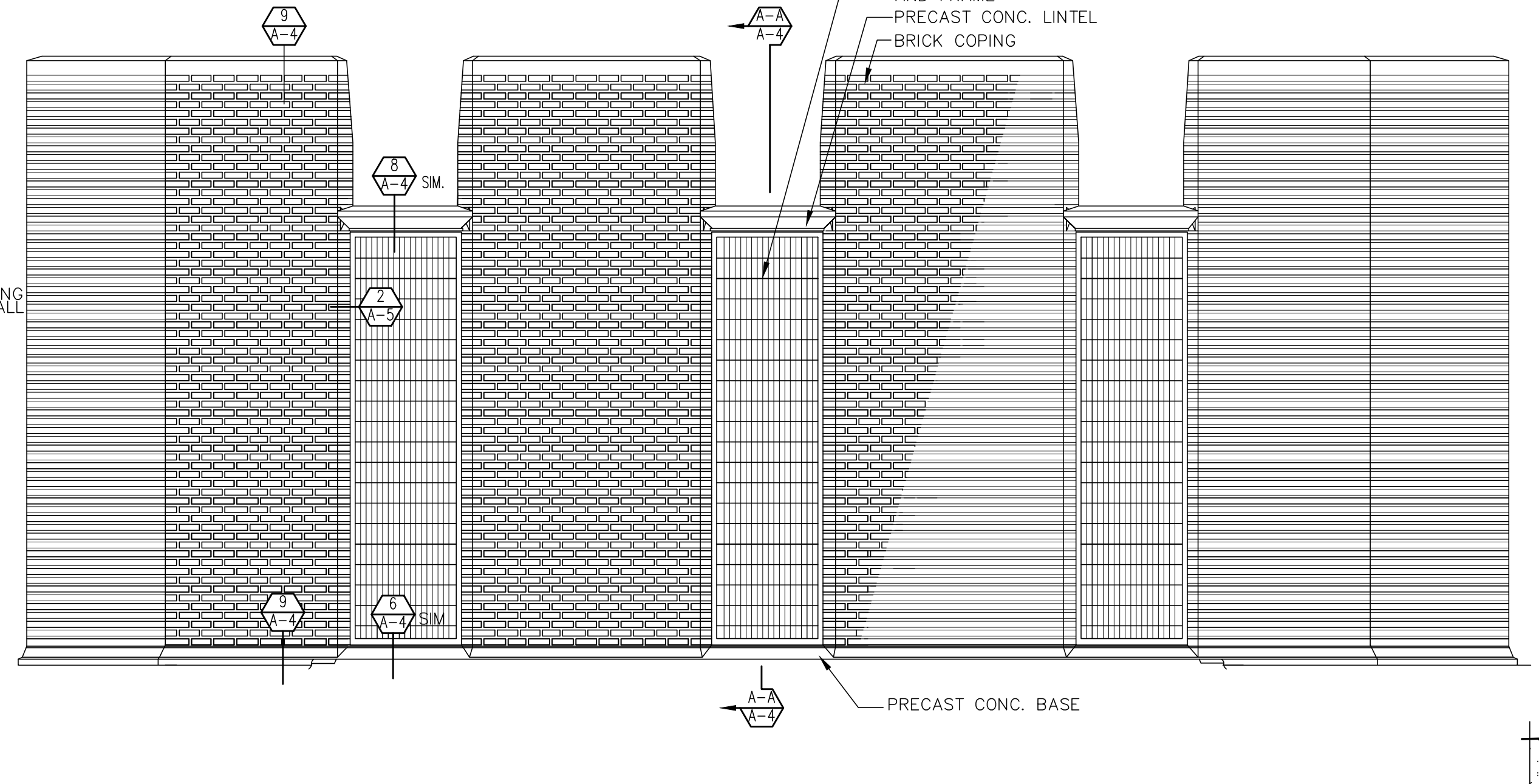
8 HEAD SECTION
AT GRILLE OPENING



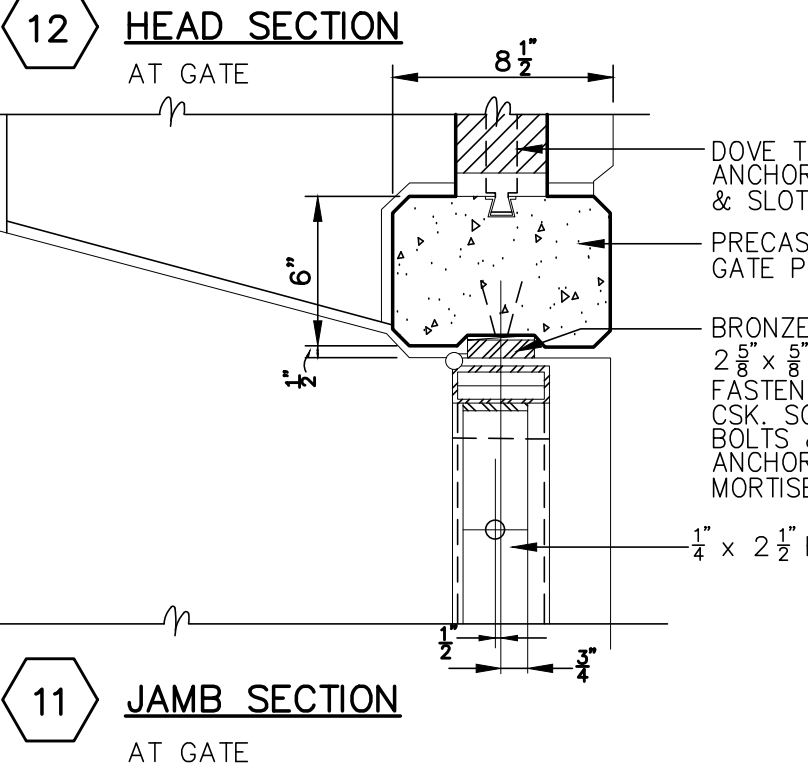
3 TOP SECTION



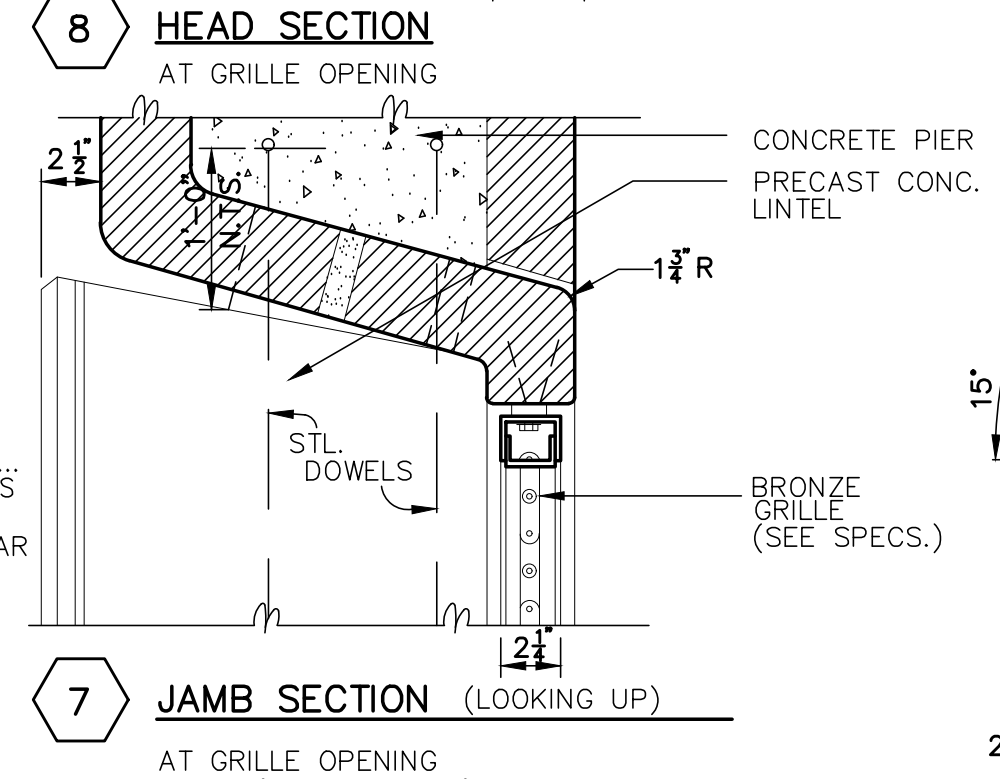
SECTION A-A



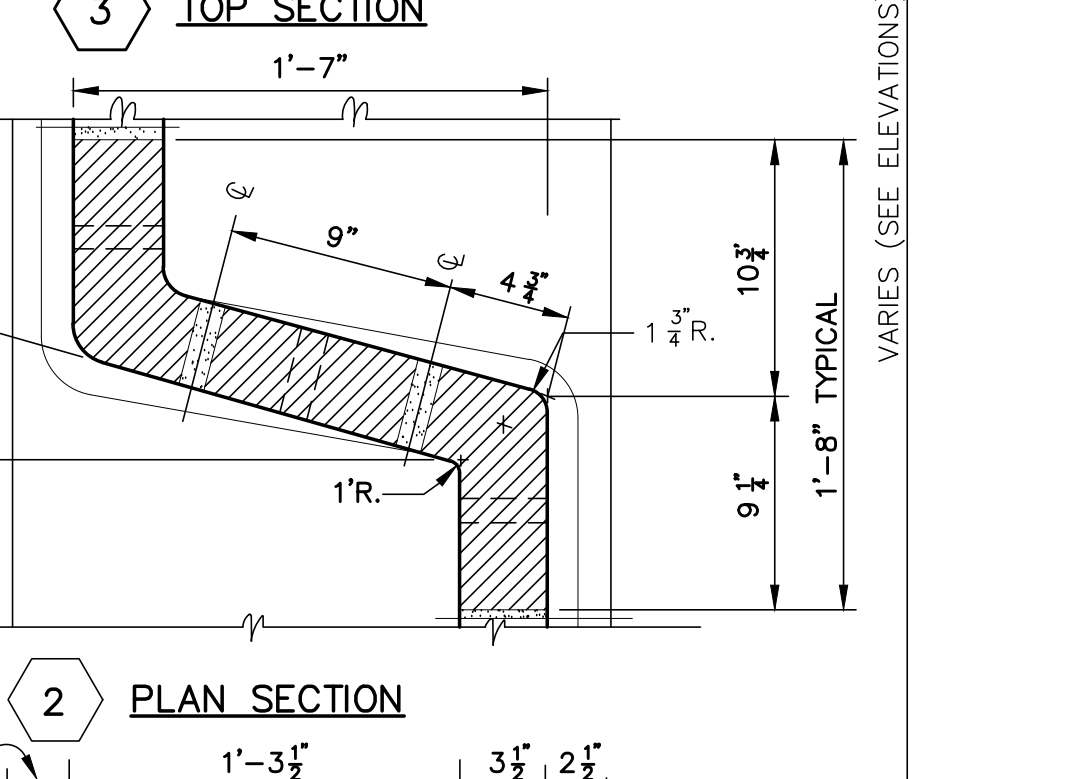
ELEVATION OF TYPICAL HIGH YARD WALL



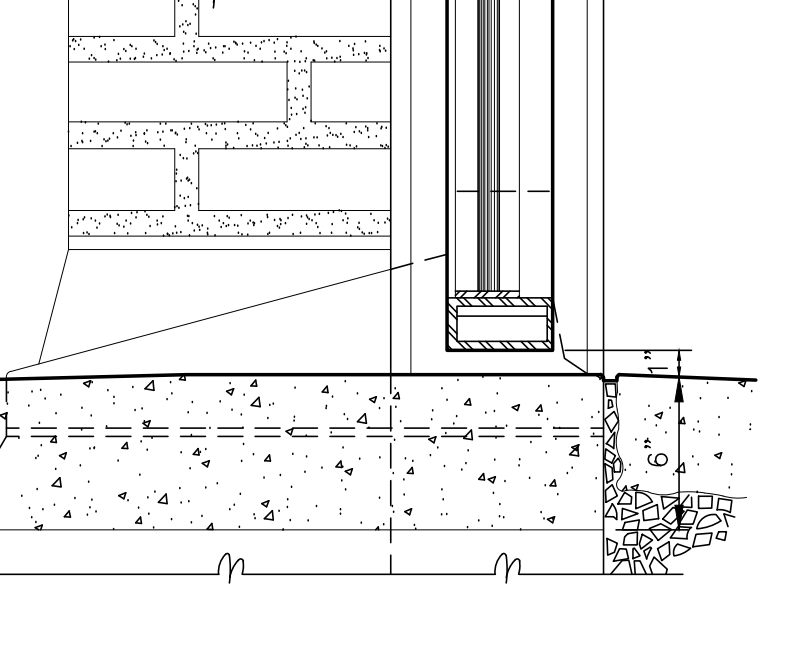
11 JAMB SECTION
AT GATE



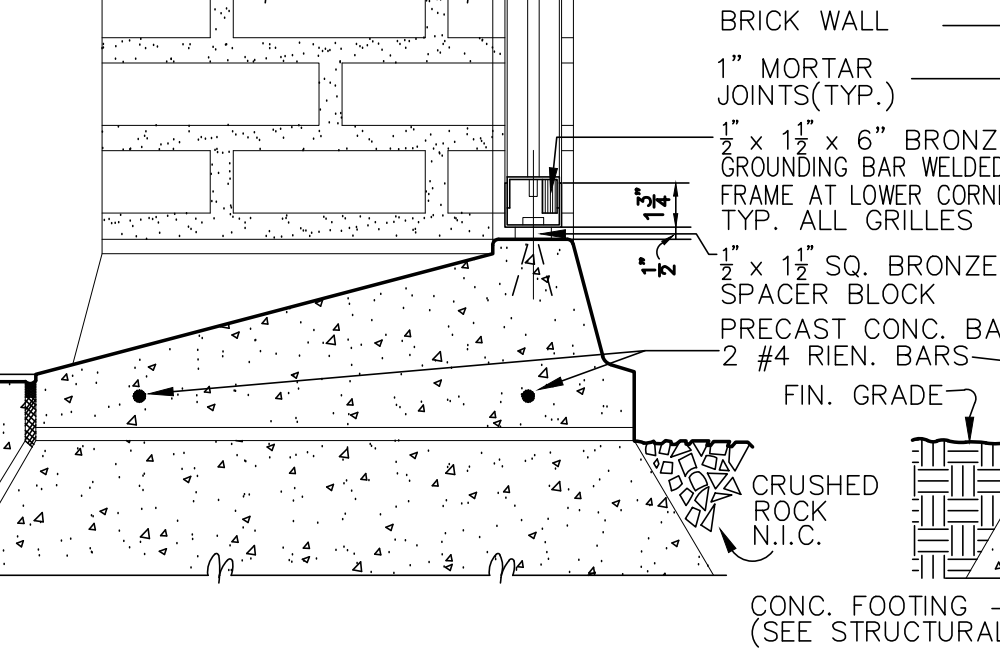
7 JAMB SECTION
AT GRILLE OPENING (LOOKING UP)



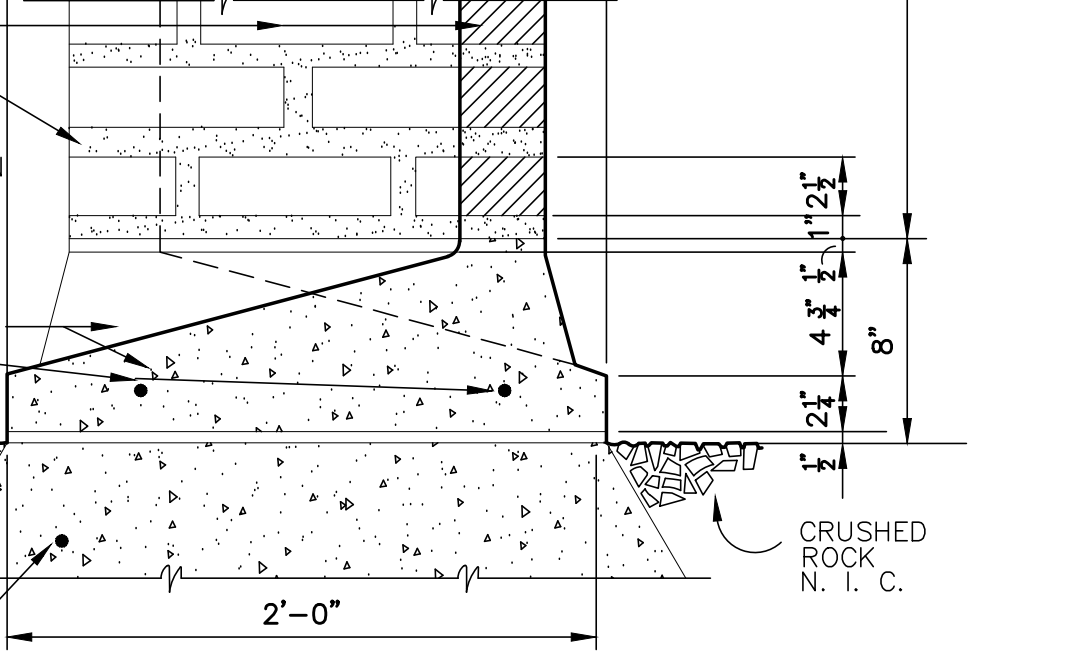
2 PLAN SECTION



10 BASE SECTION
AT GATE



6 BASE SECTION
AT GRILLE OPENING



1 BASE SECTION

YARD WALL ELEVATIONS & SECTION
SCALE 1/4" = 1'-0"

YARD WALL DETAILS
SCALE 1/2" = 1'-0"

NOTE: SEE STRUCTURAL DWG. FOR REINFORCMENT NOT SHOWN IN DETAILS ABOVE...

REVISIONS	DATE	BY	DESCRIPTION
1	3-30-97	MF	ISSUED FOR PERMITS
2	7-11-97	MF	REVISED GATES TO AS BUILT
3	2-26-96	BLR	CONVERTED TO CAD

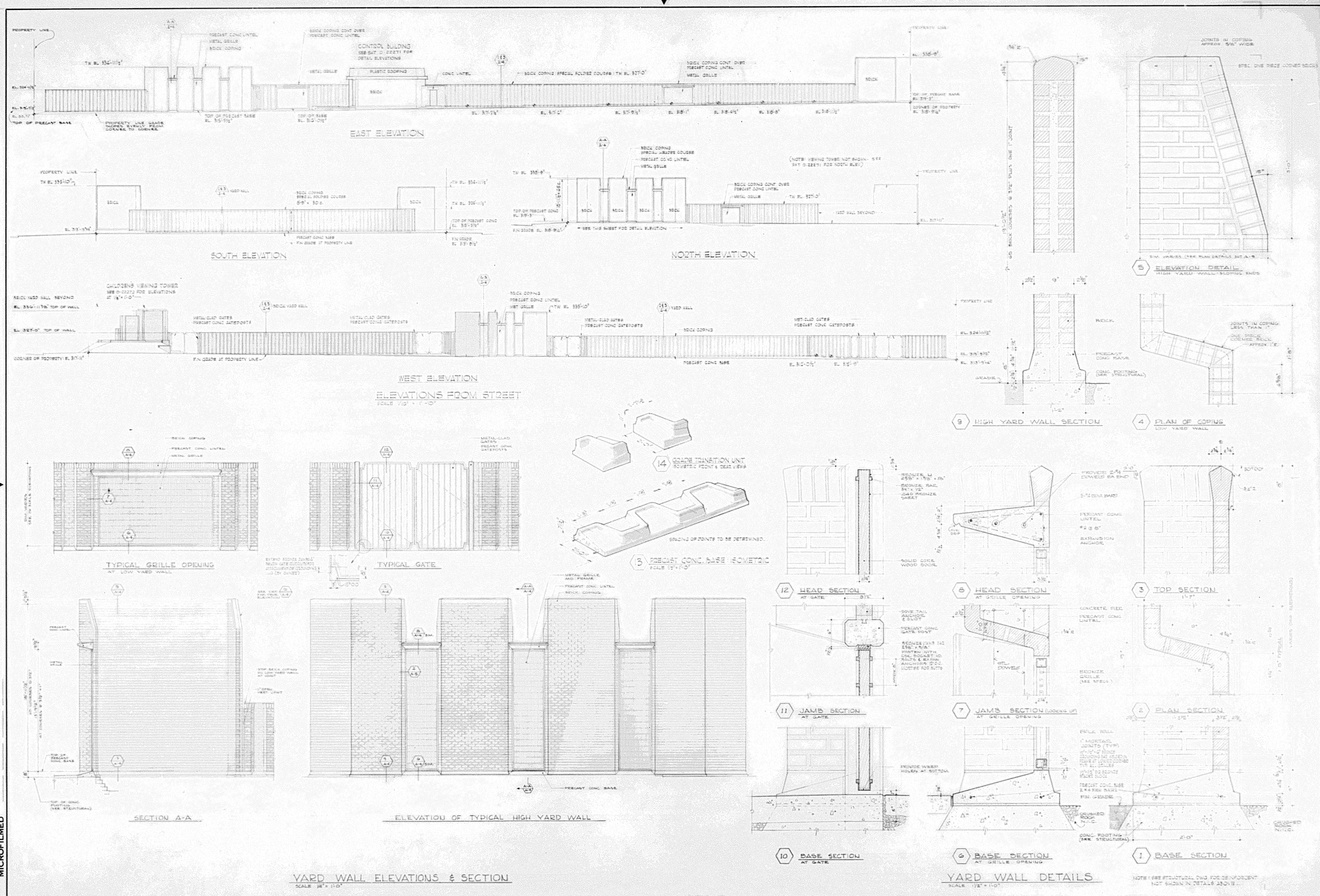
CONVERTED TO CAD	DATE: JANUARY 31, 1996	PHONE: (206) 745-4902
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FRED BASSETTI & COMPANY/ARCHITECTS	510 LOGAN BUILDING / SEATTLE 1, WASHINGTON / MA 2-7725
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APPROVED BY SEATTLE BOARD OF PUBLIC WORKS	CHAIRMAN	EXEC. SECRETARY	DATE
---	----------	-----------------	------

CITY OF SEATTLE DEPARTMENT OF LIGHTING	APPROVED FOR DEPARTMENT OF LIGHTING	DATE
--	-------------------------------------	------

EAST PINE SUBSTATION	ELEVATIONS 1/16" = 1'-0"	ELEVATIONS & DETAILS
D-22267	REV. 3	SCALE: AS NOTED



MICROFILMED

REVISIONS

1	3-20-67	
2	4-11-67	
3	4-27-67	



FRED BASSETTI & COMPANY / ARCHITECTS
 Fred Bassetti, Registered Architect
 State of Washington TL 394
 510 LOGAN BUILDING / SEATTLE 1, WASHINGTON / WA 23725

APPROVED BY SEATTLE BOARD OF PUBLIC WORKS
William J. ...
 CHIEF ENGINEER
 1-17-66 DATE

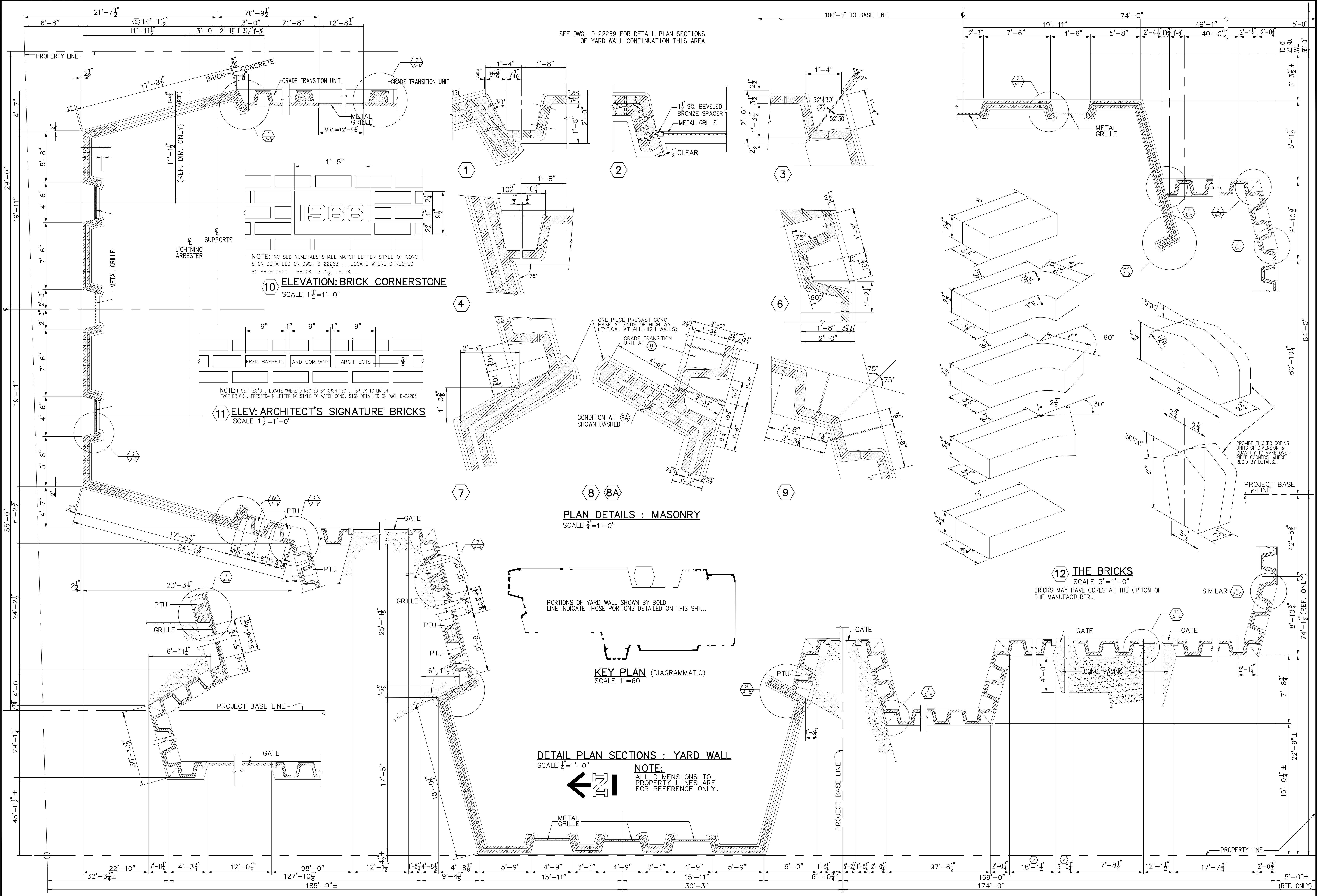
ENDORSEMENTS

SIGNATURE	DATE
<i>...</i>	12-10-65
<i>...</i>	1-4-66

CITY OF SEATTLE
DEPARTMENT OF LIGHTING
 JOHN M. NELSON, SUPERINTENDENT
 APPROVED FOR DEPARTMENT OF LIGHTING
 DATE 1-5-66

EAST PINE SUBSTATION
 ELEVATIONS 1/2" = 1'-0"
 YARD WALL
 ELEVATIONS & DETAILS

SCALE: AS NOTED
 DRAWING NO. **D-22267**
 REV. 1



SEE DWG. D-22269 FOR DETAIL PLAN SECTIONS OF YARD WALL CONTINUATION THIS AREA

10 ELEVATION: BRICK CORNERSTONE
SCALE 1 1/2" = 1'-0"

11 ELEV: ARCHITECT'S SIGNATURE BRICKS
SCALE 1 1/2" = 1'-0"

PLAN DETAILS : MASONRY
SCALE 3/4" = 1'-0"

KEY PLAN (DIAGRAMMATIC)
SCALE 1" = 60'

DETAIL PLAN SECTIONS : YARD WALL
SCALE 1/4" = 1'-0"

12 THE BRICKS
SCALE 3" = 1'-0"

NOTE:
ALL DIMENSIONS TO PROPERTY LINES ARE FOR REFERENCE ONLY.

REVISIONS

1	3-30-67	MF	WJ
2	10-5-1971	MF	WJ
3	2-9-96	MF	WJ

CONVERTED TO C.A.D.

CONVERTED TO CAD
BY VENDOR NAME: PIM CORPORATION
CONTACT PERSON: B. JOHN MANDANAS
DATE: JANUARY 31, 1996
PHONE: (206) 745-4902

FRED BASSETTI & COMPANY/ARCHITECTS
FRED BASSETTI, REGISTERED ARCHITECT
STATE OF WASHINGTON TL 394
510 LOGAN BUILDING / SEATTLE 1, WASHINGTON / MA 2-7725

APPROVED BY SEATTLE BOARD OF PUBLIC WORKS

CHAIRMAN	DATE
EXEC. SECRETARY	DATE

ENDORSEMENTS

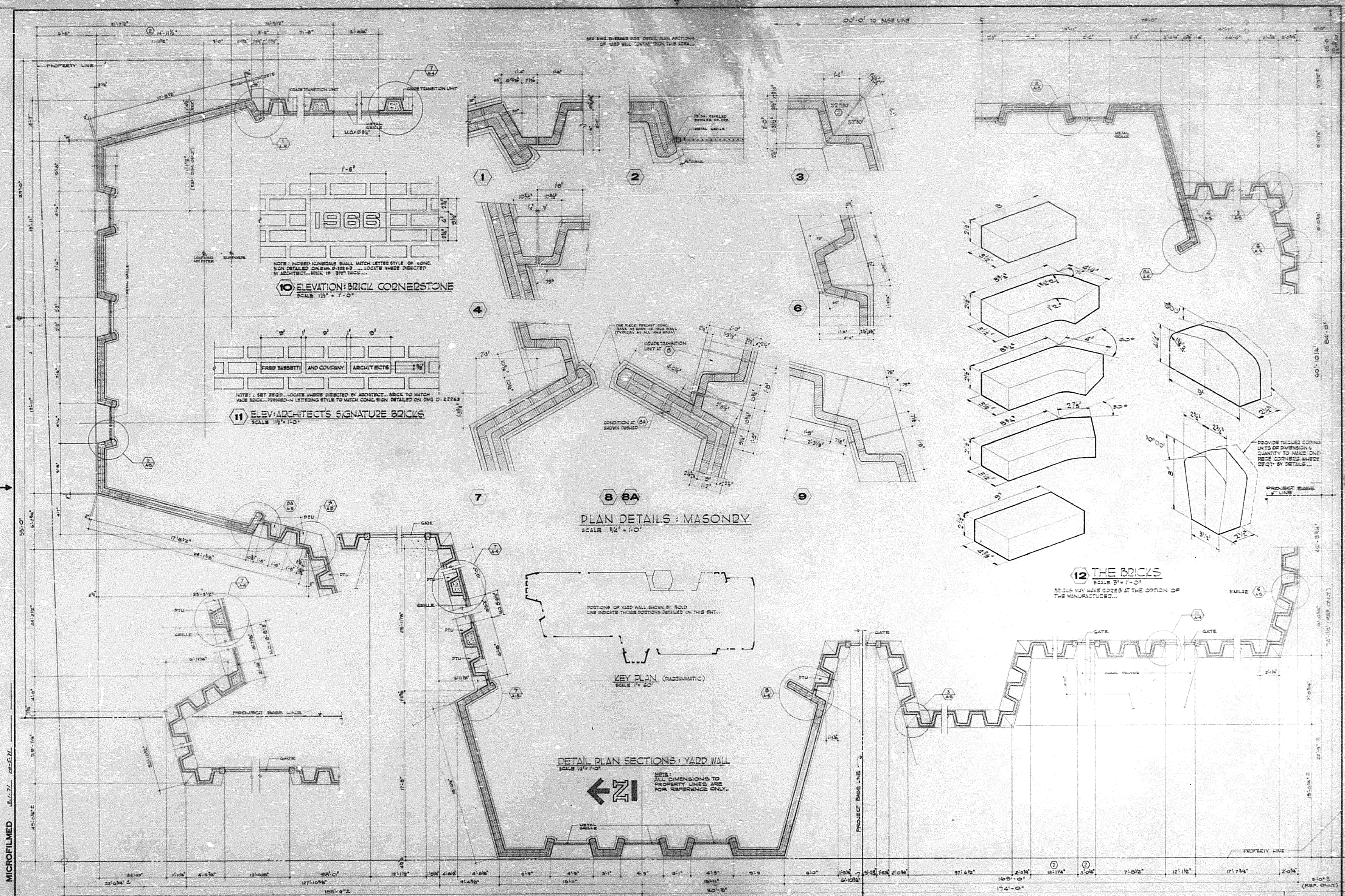
SIGNATURE	DATE
CK	

CITY OF SEATTLE
DEPARTMENT OF LIGHTING
JOHN M. NELSON, SUPERINTENDENT
APPROVED FOR DEPARTMENT OF LIGHTING

DATE	SEE MICROFILM FOR SIGNATURES
------	------------------------------

EAST PINE SUBSTATION
YARD WALL PLAN
PLAN DETAILS
SCALE: 1/4" = 1'-0"

SCALE: AS NOTED
DRAWING NO. **D-22268**
REV. **3**



MICROFILMED 8-6-77 20-572

REVISIONS	DATE	BY	DESCRIPTION
1	1-10-66	J.M.	ISSUED FOR PERMITS
2	1-10-66	J.M.	ISSUED FOR PERMITS
3	1-10-66	J.M.	ISSUED FOR PERMITS
4	1-10-66	J.M.	ISSUED FOR PERMITS



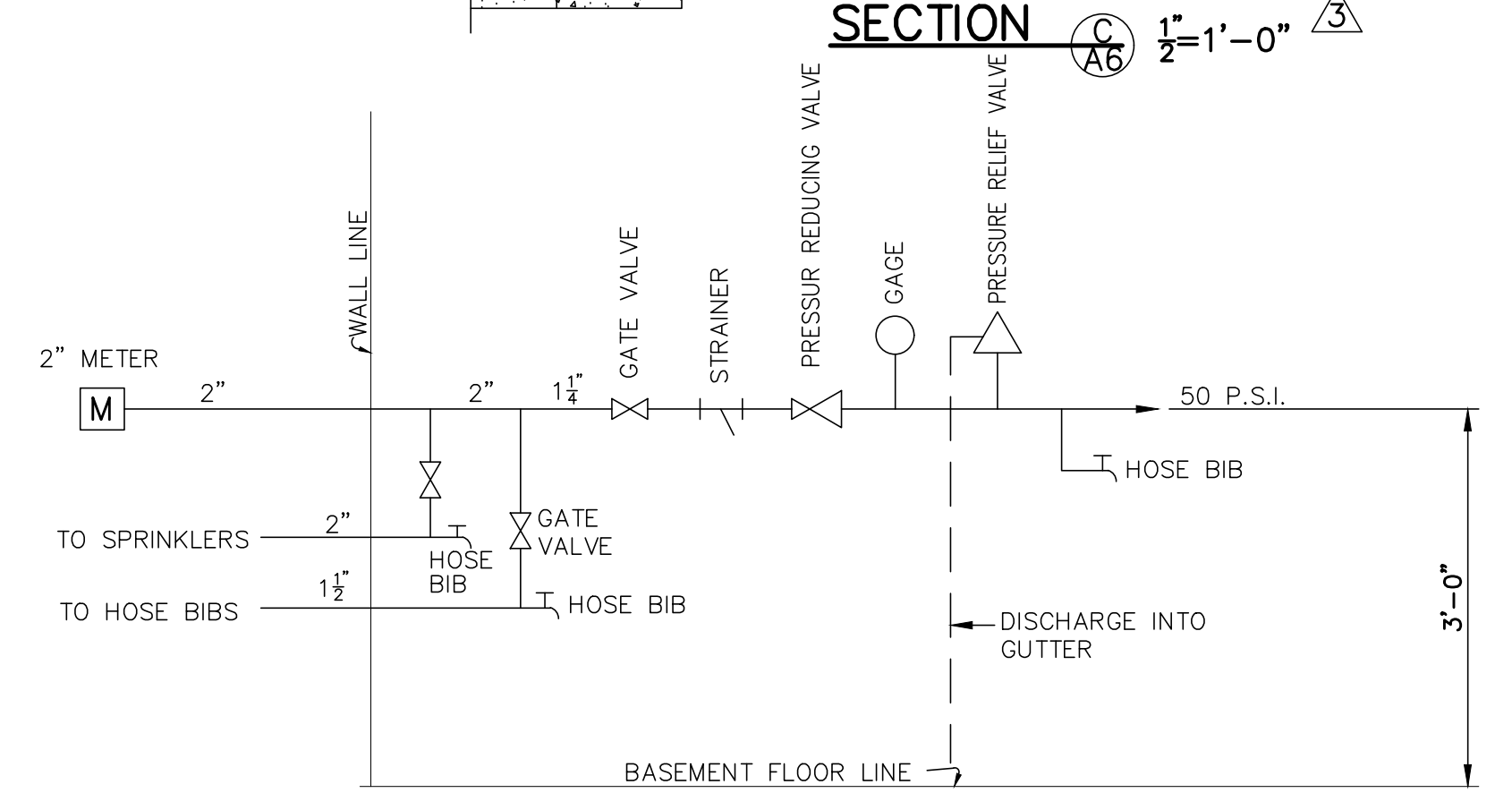
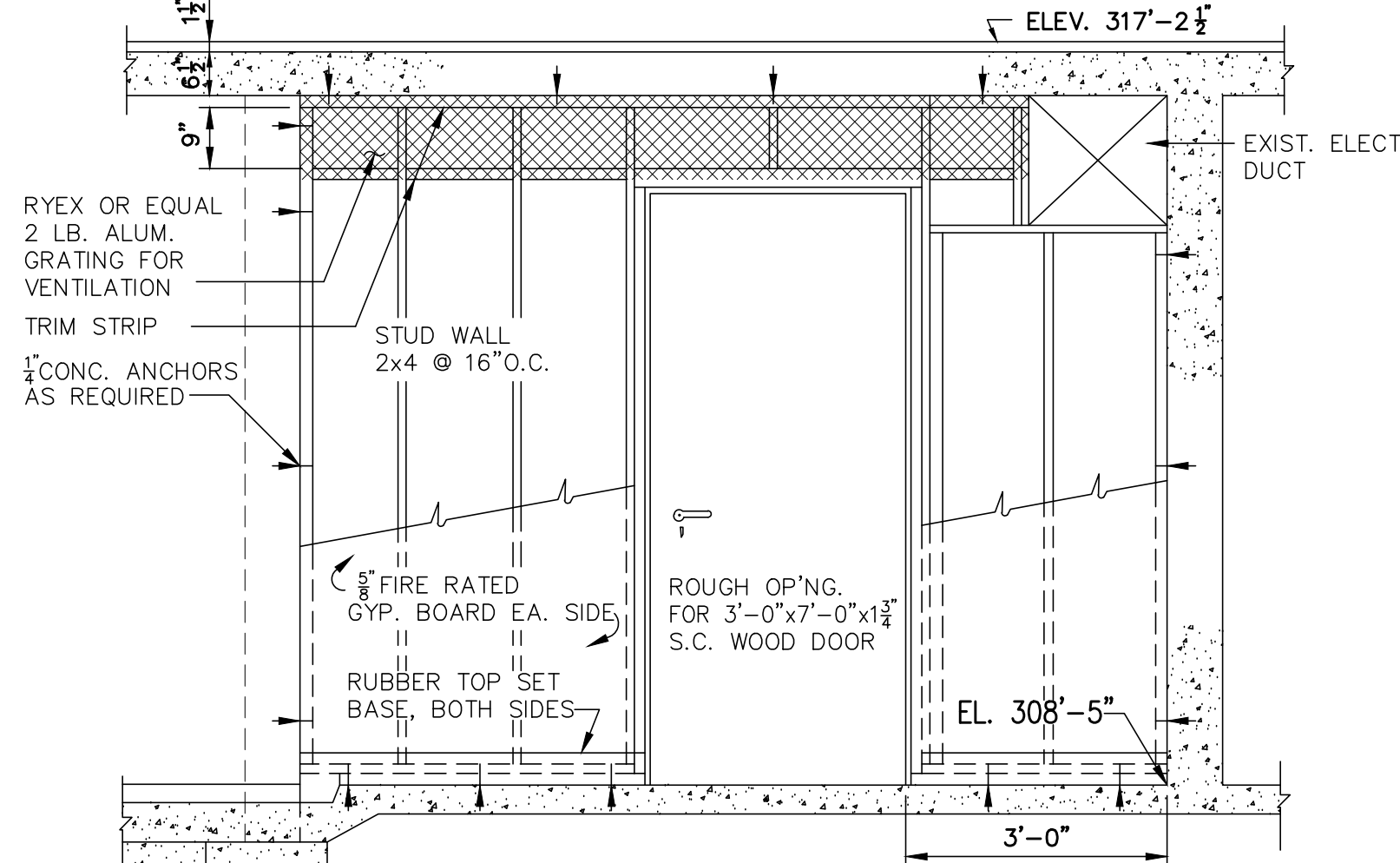
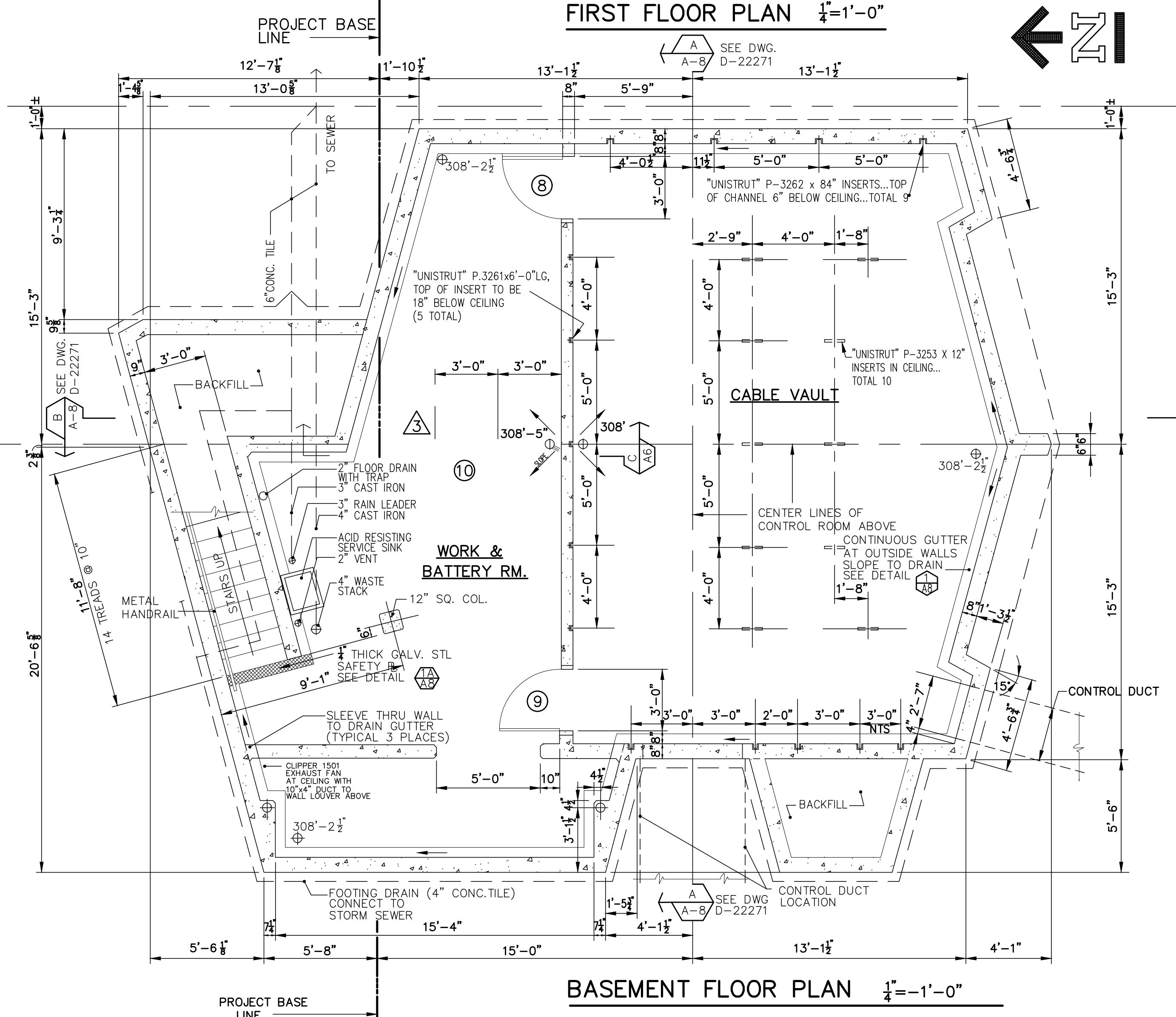
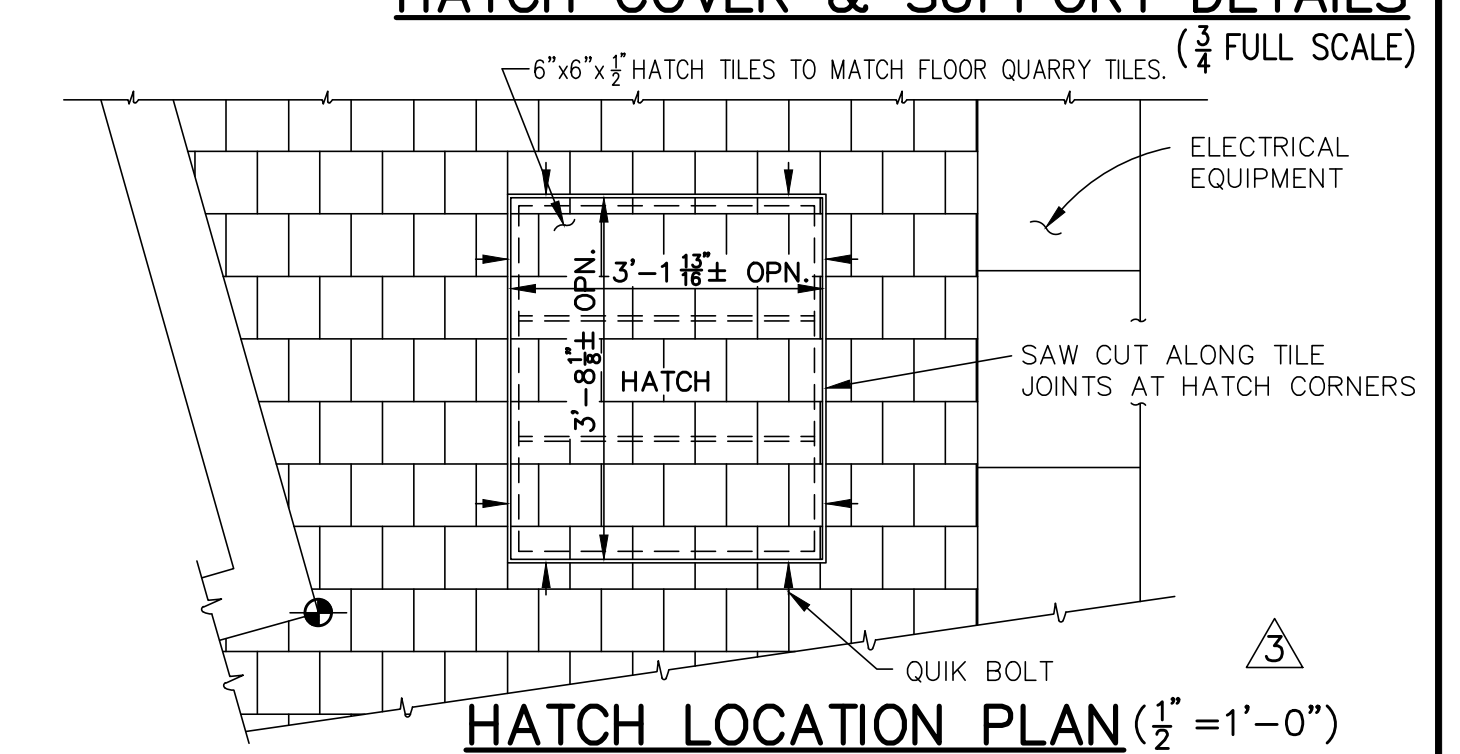
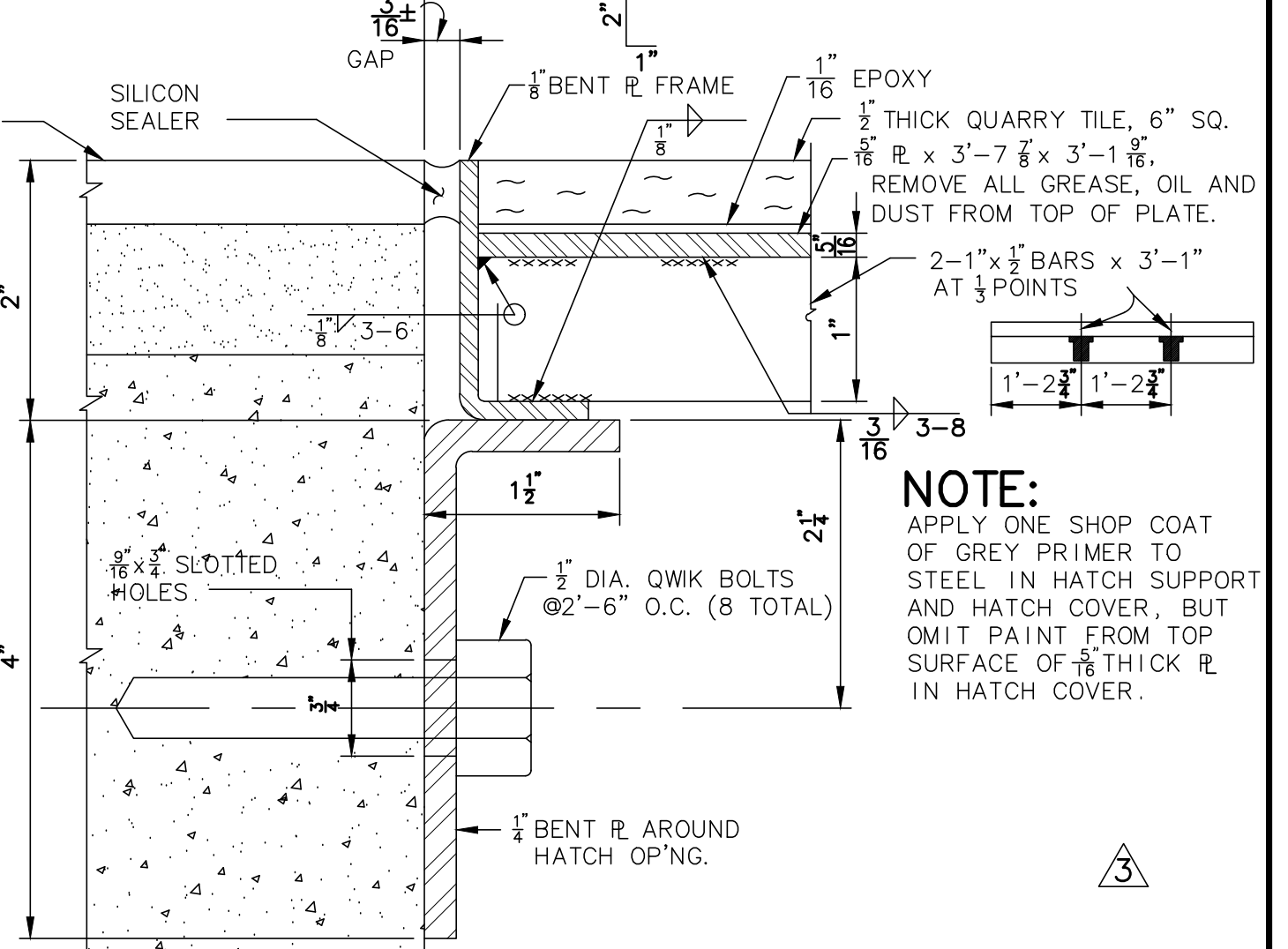
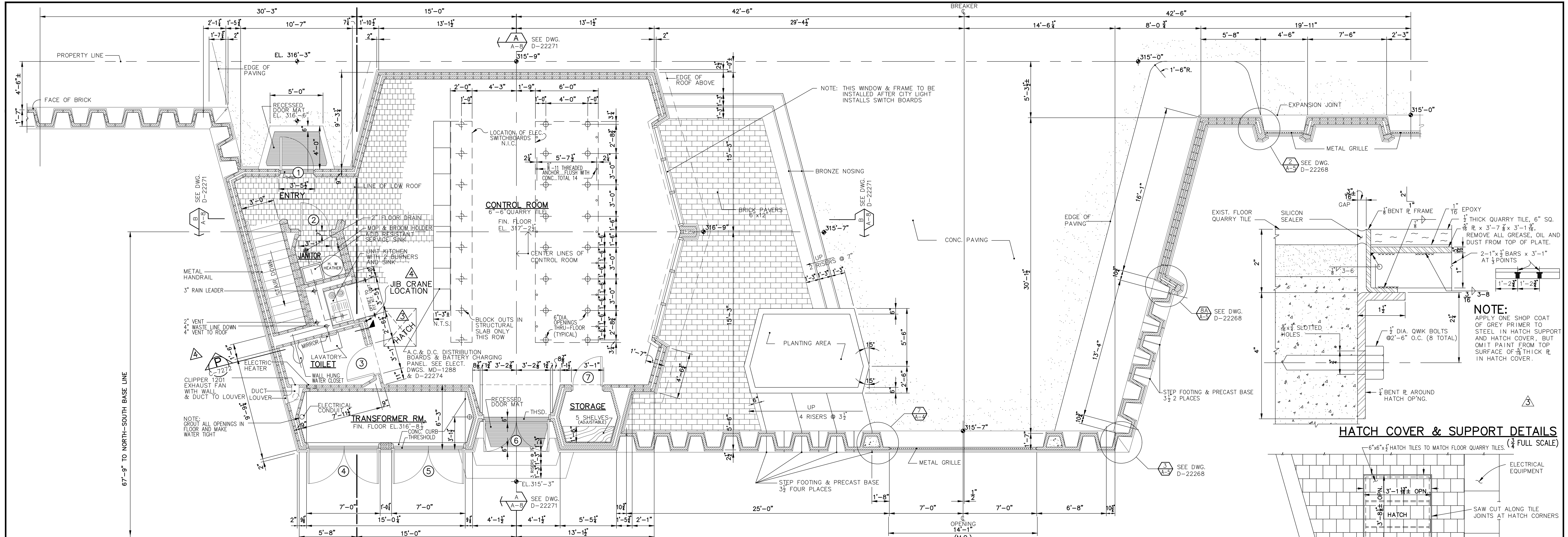
FRED BASSETTI & COMPANY / ARCHITECTS
 Fred Bassetti, Registered Architect
 State of Washington, No. 2354
 810 LOGAN BUILDING / SEATTLE 1, WASHINGTON / WA 98108

APPROVED BY SEATTLE BOARD OF PUBLIC WORKS
 CHAIRMAN
 SECRETARY

ENDORSEMENTS	SIGNATURE	DATE
		1-10-66
		1-10-66

CITY OF SEATTLE
DEPARTMENT OF LIGHTING
 JOHN M. NELSON, SUPERINTENDENT
 APPROVED FOR DEPARTMENT OF LIGHTING
 DATE 1-5-66

EAST PINE SUBSTATION
 YARD WALL PLAN 1/4" = 1'-0"
 PLAN DETAILS
 DRAWING NO. **D-22268**
 REV. 2

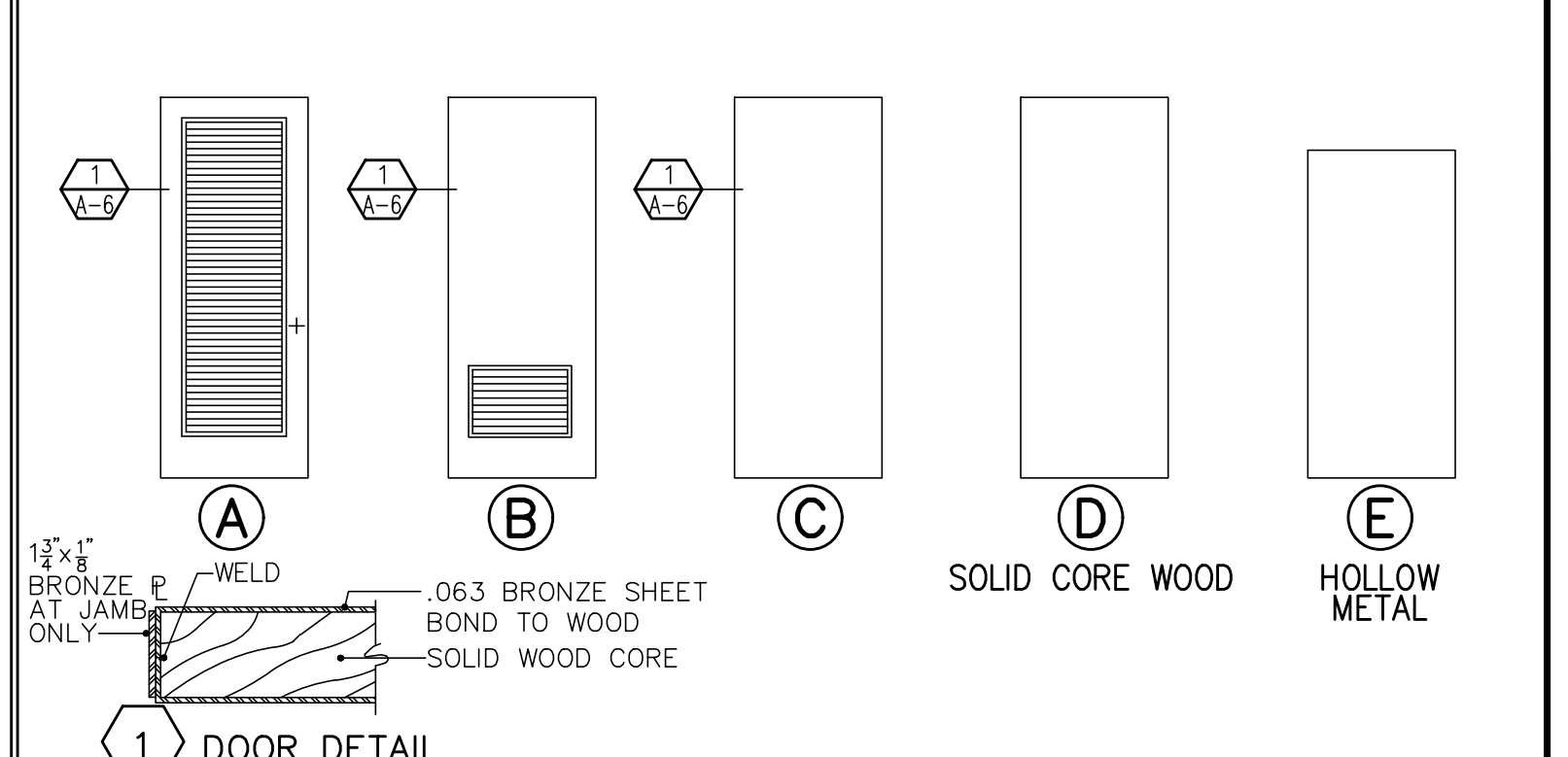


FINISH SCHEDULE

ROOM	FLOOR	MATERIAL	FINISH	WALLS	FINISH	CEILING	FINISH	REMARKS
CONTROL RM.	QUARRY T.	NONE	BRICK	NONE	CONC.	SAND BLAST		
ENTRY	QUARRY T.	NONE	BRICK	NONE	FORM BD.	PAINT		
JANITOR	QUARRY T.	NONE	BRICK	NONE	FORM BD.	PAINT		
KITCHEN	QUARRY T.	NONE	BRICK	NONE	FORM BD.	PAINT		
TOILET	QUARRY T.	NONE	BRICK	NONE	FORM BD.	PAINT		
TRANSFORMER RM.	CONC.	SEALER	BRICK	NONE	FORM BD.	NONE		
STORAGE	CONC.	SEALER	BRICK	NONE	FORM BD.	PAINT		
STAIR	CONC.	SEALER	BR & CONC.	NONE	FORM BD.	PAINT		
WORK RM.	CONC.	SEALER	CONC.	NONE	CONC.	NONE		
BATTERY RM.	CONC.	SEALER	CONC.	NONE	CONC.	NONE		
CABLE VAULT	CONC.	SEALER	CONC.	NONE	CONC.	NONE		

DOOR SCHEDULE

NO.	TYPE	MATERIAL	SIZE (VARYIFY)	LOUVER SIZE	REMARKS
1	C	HOLLOW METAL, STL.	3'-1 1/2" x 7'-4 1/2" x 1 1/2"	NONE	
2	D	S.C. WOOD	2'-9" x 7'-5" x 1 1/2"	NONE	UNDERCUT DOOR 3/4"
3	D	S.C. WOOD	2'-9" x 7'-5" x 1 1/2"	NONE	UNDERCUT DOOR 3/4"
4	A	HOLLOW METAL, STL.	3'-2" x 7'-4 1/2" x 1 1/2"	FULL LOUVER	PAIR-FUSIBLE LINK DAMPER
5	A	HOLLOW METAL, STL.	3'-2" x 7'-4 1/2" x 1 1/2"	FULL LOUVER	PAIR-FUSIBLE LINK DAMPER
6	B	HOLLOW METAL, STL.	3'-0 1/2" x 7'-4 1/2" x 1 1/2"	2'-0" x 1'-6" (ADJ.)	PAIR
7	D	S.C. WOOD	2'-9" x 7'-5" x 1 1/2"	NONE	UNDERCUT DOOR 3/4"
8	E	HOLLOW METAL, STL.	3'-0" x 7'-0" x 1 1/2"	NONE	1 1/2 HR. UL LABEL
9	E	HOLLOW METAL, STL.	3'-0" x 7'-0" x 1 1/2"	NONE	1 1/2 HR. UL LABEL
10	D	S.C. WOOD	3'-0" x 7'-0" x 1 1/2"	NONE	



REVISIONS

NO.	DATE	DESCRIPTION
1	3-30-67	AS BUILT REV. & ADDED REF. DWG. WAS NO. AG & AS BUILT
2	1-10-68	AS BUILT REV. & ADDED REF. DWG. FOR STA. SERVICE PANELS
3	8-22-69	ADDED PLANE LOCATION AND HATCH DET.
4	OCT. 11 '93	ADDED PLANE LOCATION AND HATCH DET.

PROJECT INFORMATION

CONVERTED TO CAD BY VENDOR NAME: PIM CORPORATION CONTACT PERSON: B. JOHN MANDANAS DATE: JANUARY 31, 1996 PHONE: (206) 745-4902

FRED BASSETTI & COMPANY/ARCHITECTS

FRED BASSETTI, REGISTERED ARCHITECT STATE OF WASHINGTON TL 394

510 LOGAN BUILDING / SEATTLE 1, WASHINGTON / MA 2-7725

APPROVED BY SEATTLE BOARD OF PUBLIC WORKS

CHAIRMAN

EXEC. SECRETARY

DATE 1-17-66

ENDORSEMENTS

SIGNATURE DATE

DR ACW 12-10-65

CK FB 12-10-65

ALT 1-4-66

RLS 1-4-66

CITY OF SEATTLE DEPARTMENT OF LIGHTING

JOHN M. NELSON, SUPERINTENDENT

APPROVED FOR DEPARTMENT OF LIGHTING

SEE MICROFILM FOR SIGNATURES

DATE 1-5-66

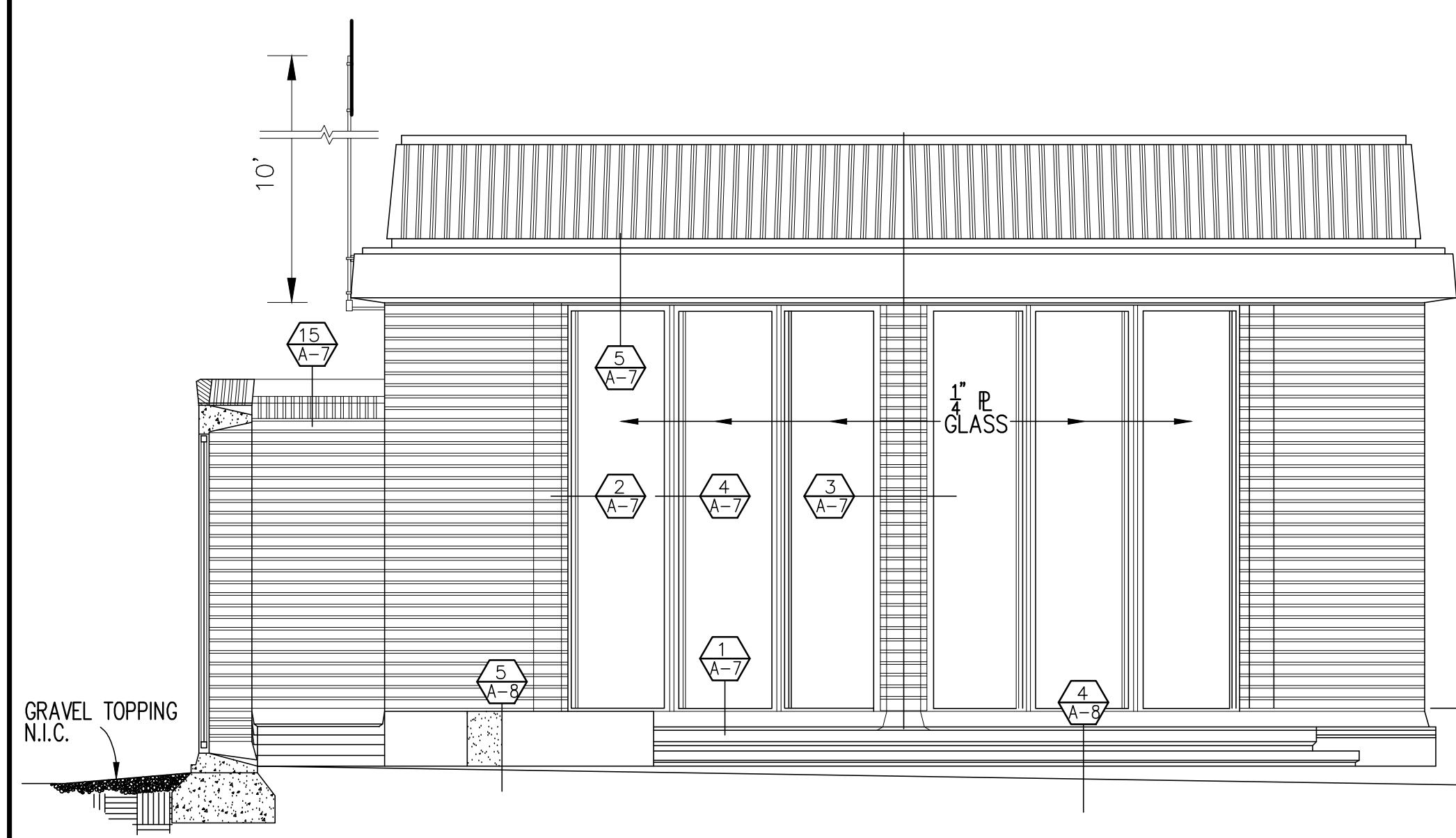
EAST PINE SUBSTATION

CONTROL BUILDING FLOOR PLANS & SCHEDULES

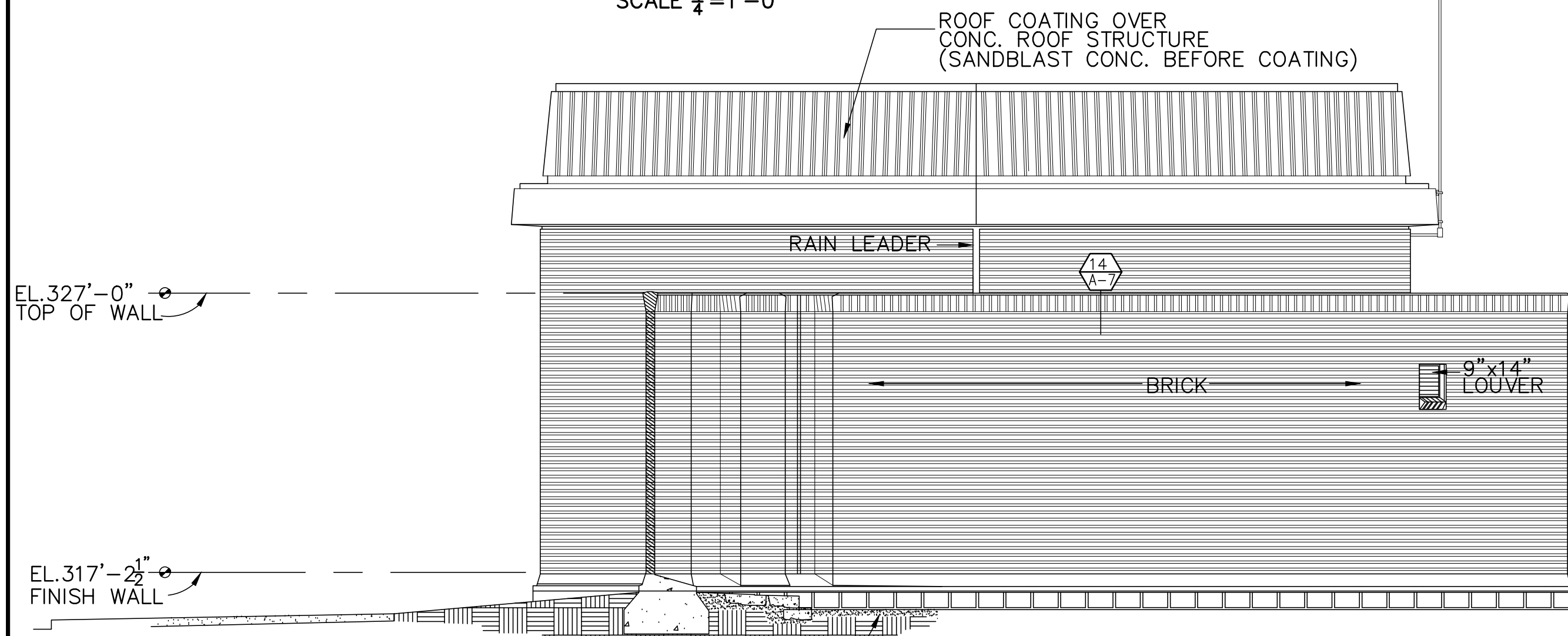
SCALE: AS NOTED

DRAWING NO. D-22269

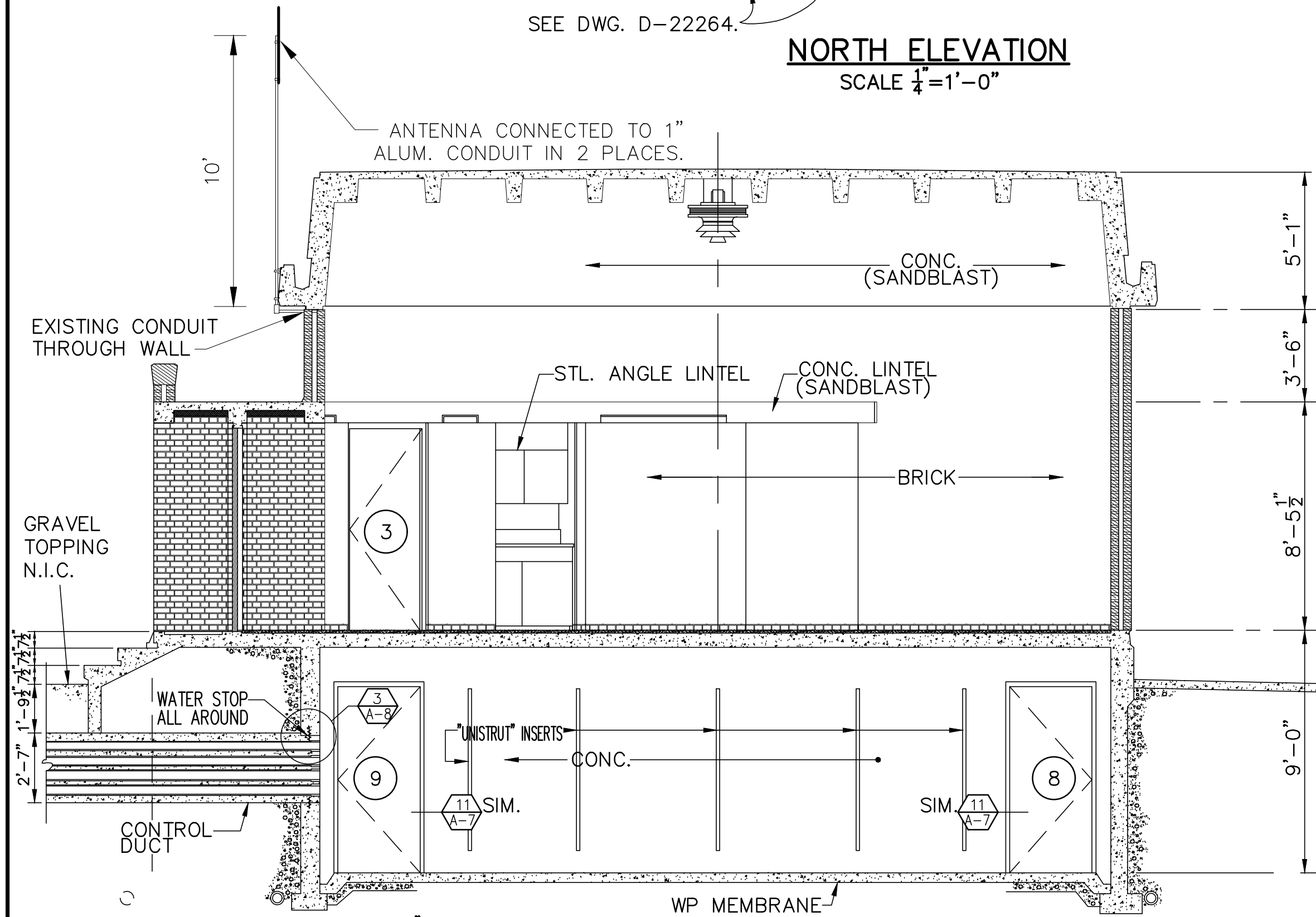
REV. 6



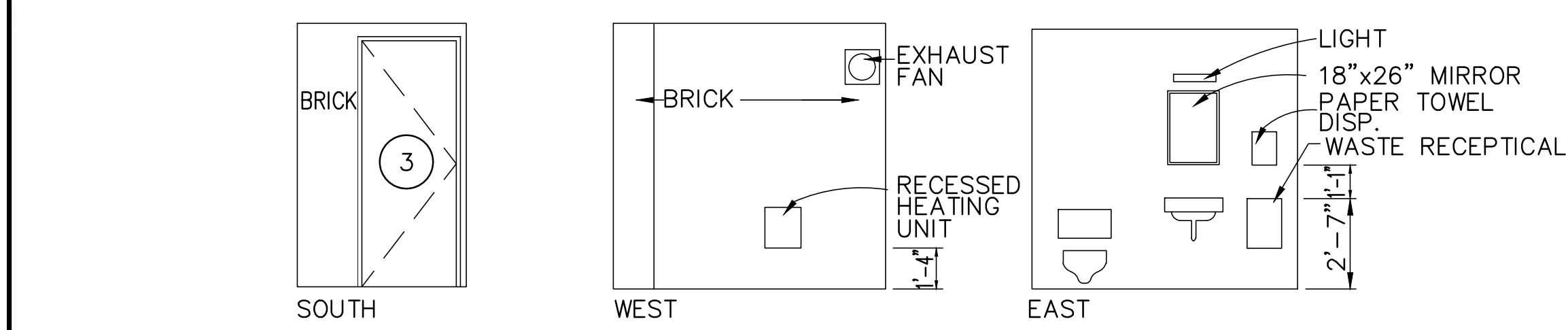
SOUTH ELEVATION
SCALE 1/4"=1'-0"



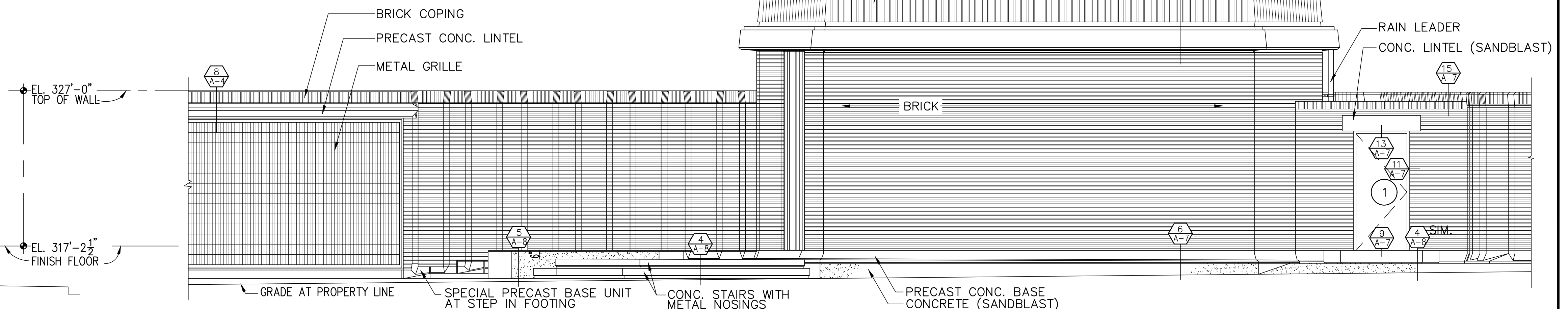
NORTH ELEVATION
SCALE 1/4"=1'-0"



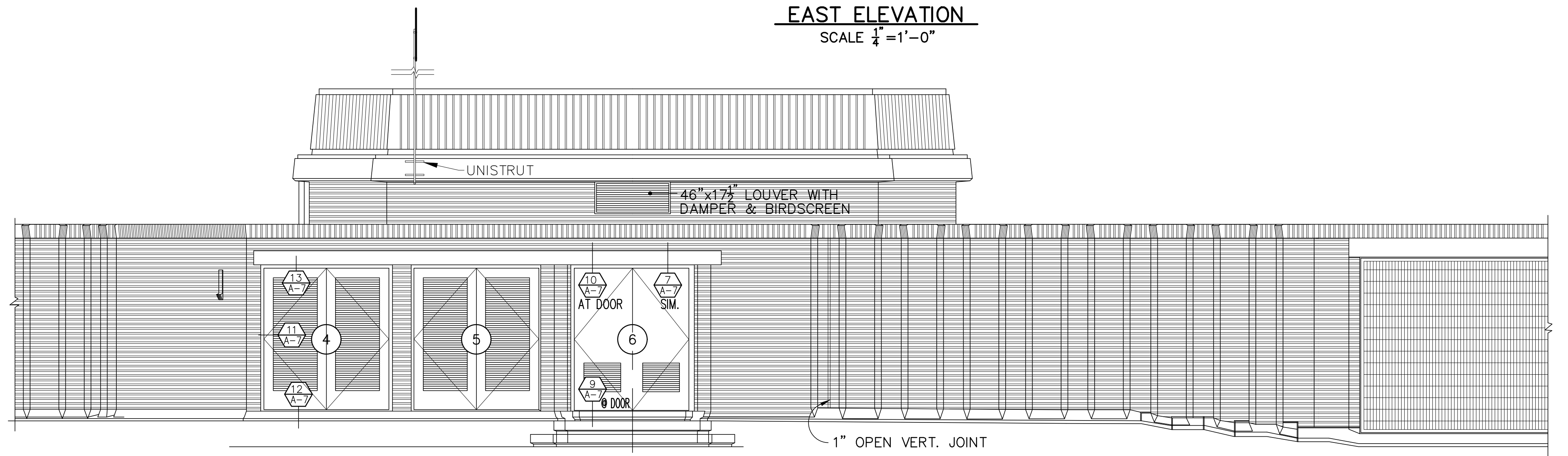
SECTION A-A 1/4"=1'-0"



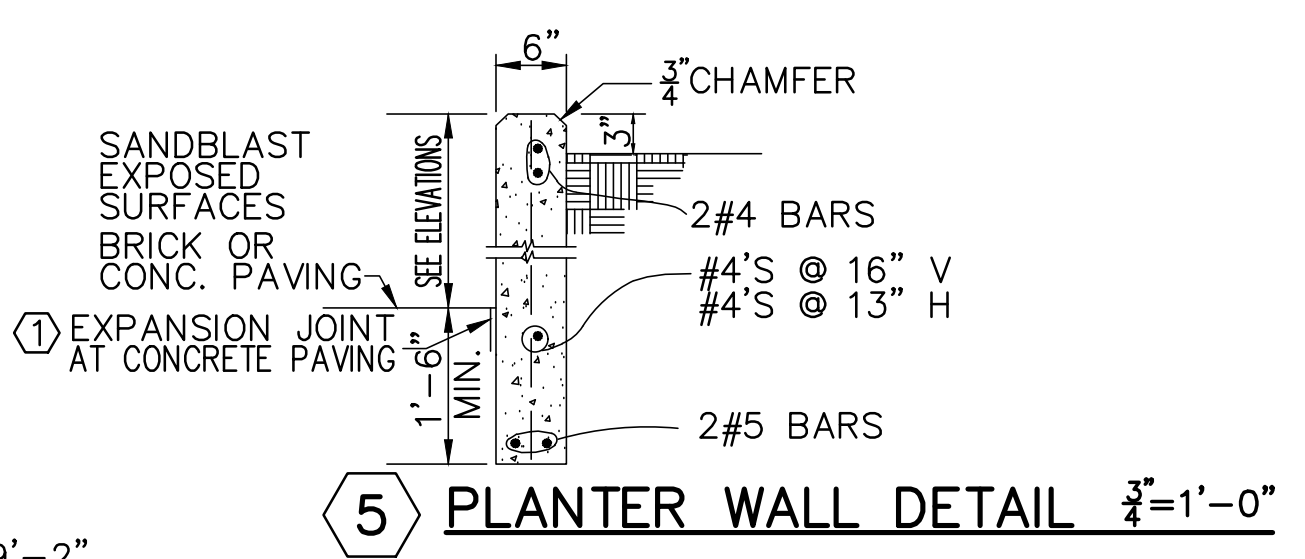
TOILET ROOM ELEVATIONS 1/4"=1'-0"
NORTH ELEVATION SHOWN IN SECTION AT RIGHT



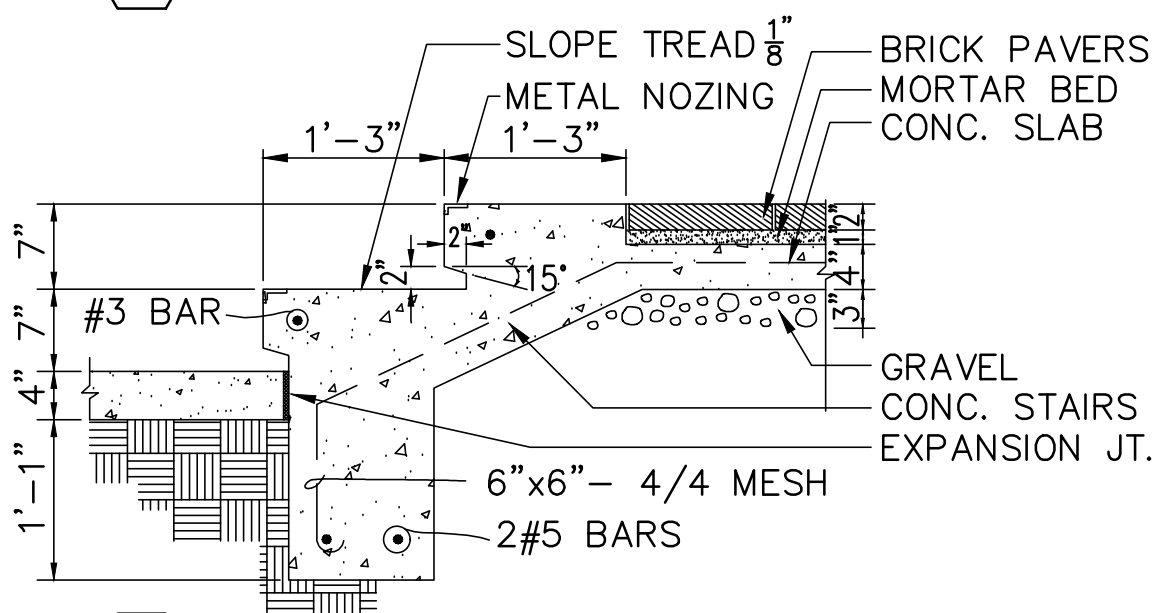
EAST ELEVATION
SCALE 1/4"=1'-0"



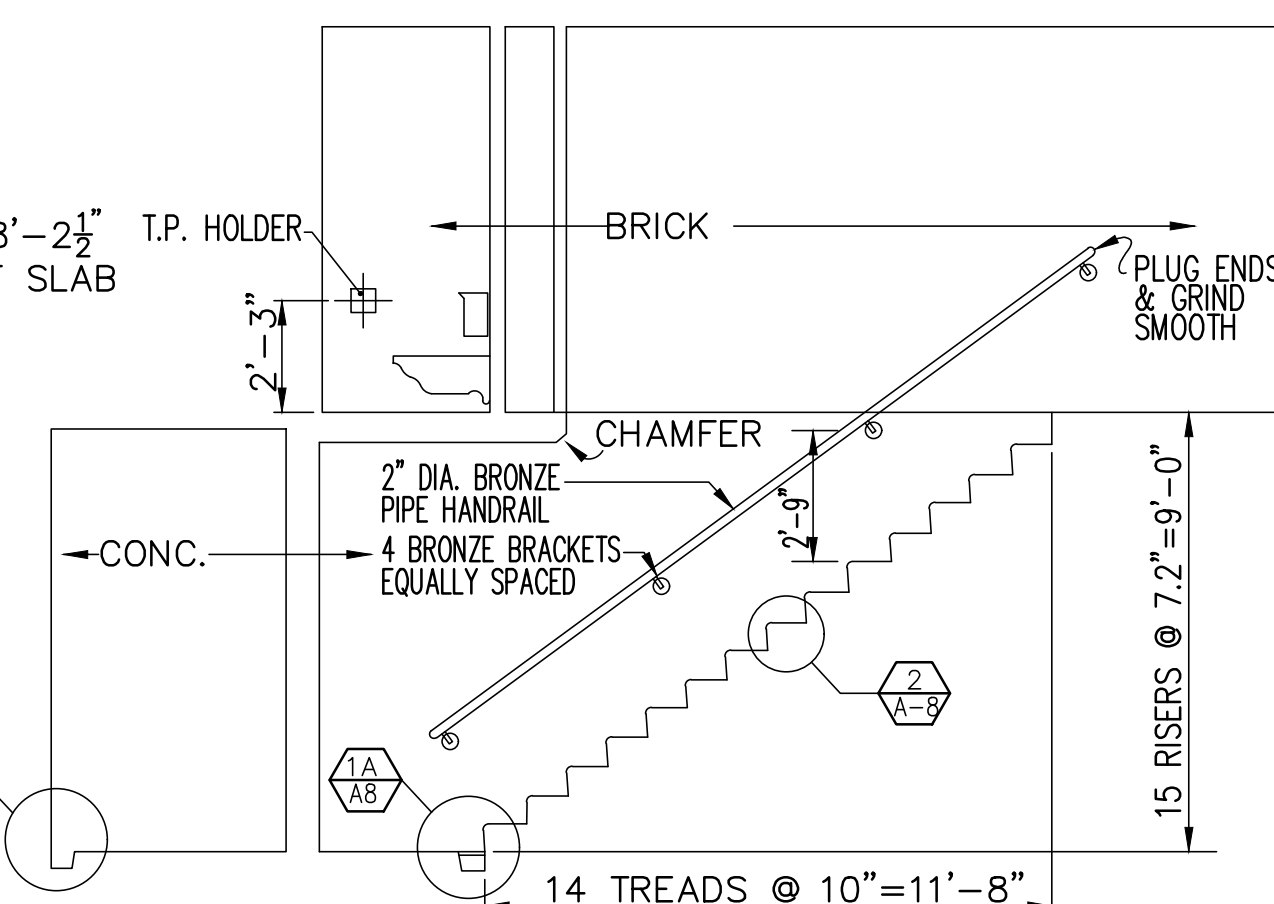
WEST ELEVATION
SCALE 1/4"=1'-0"



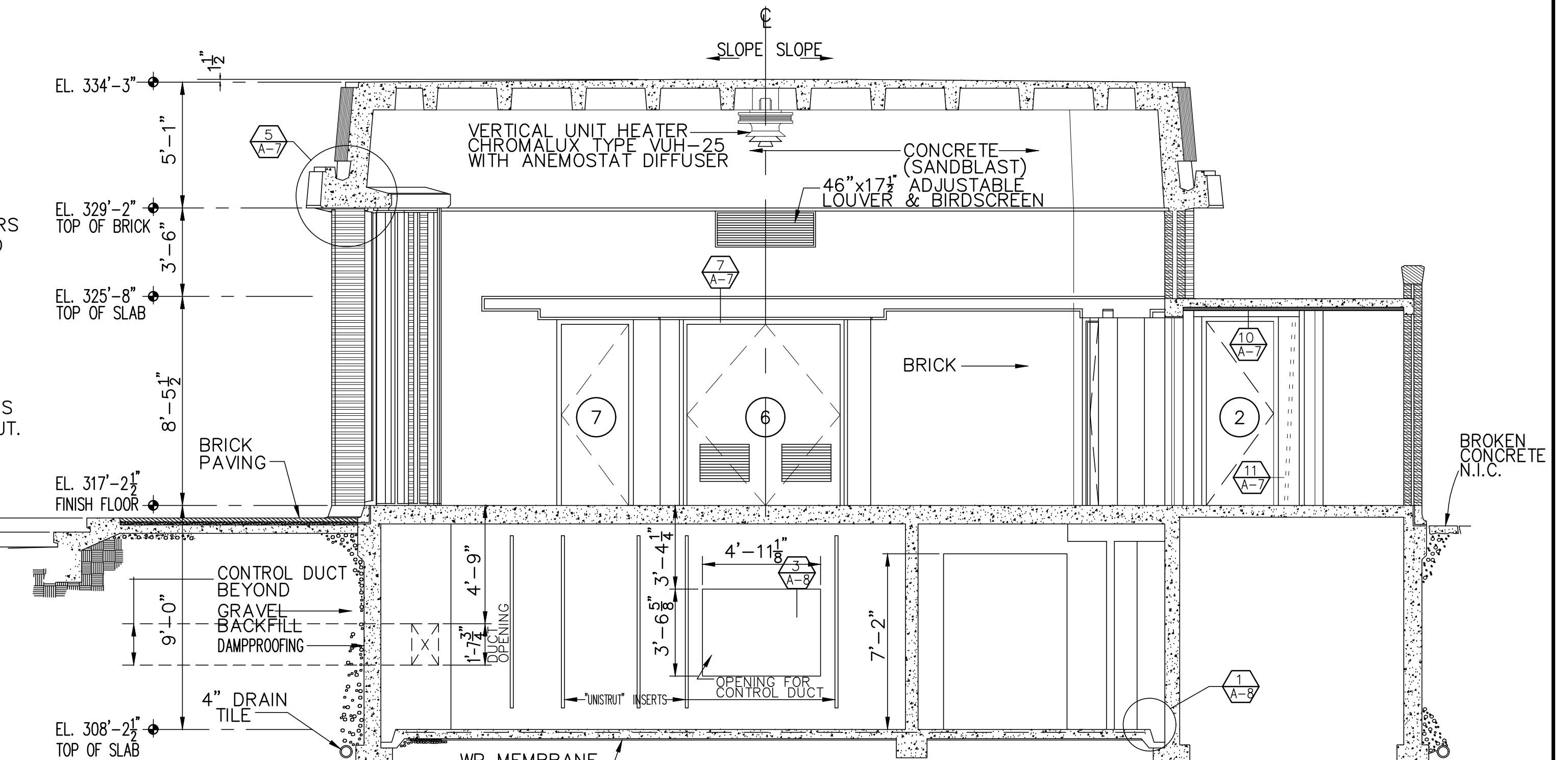
5 PLANTER WALL DETAIL 1/2"=1'-0"



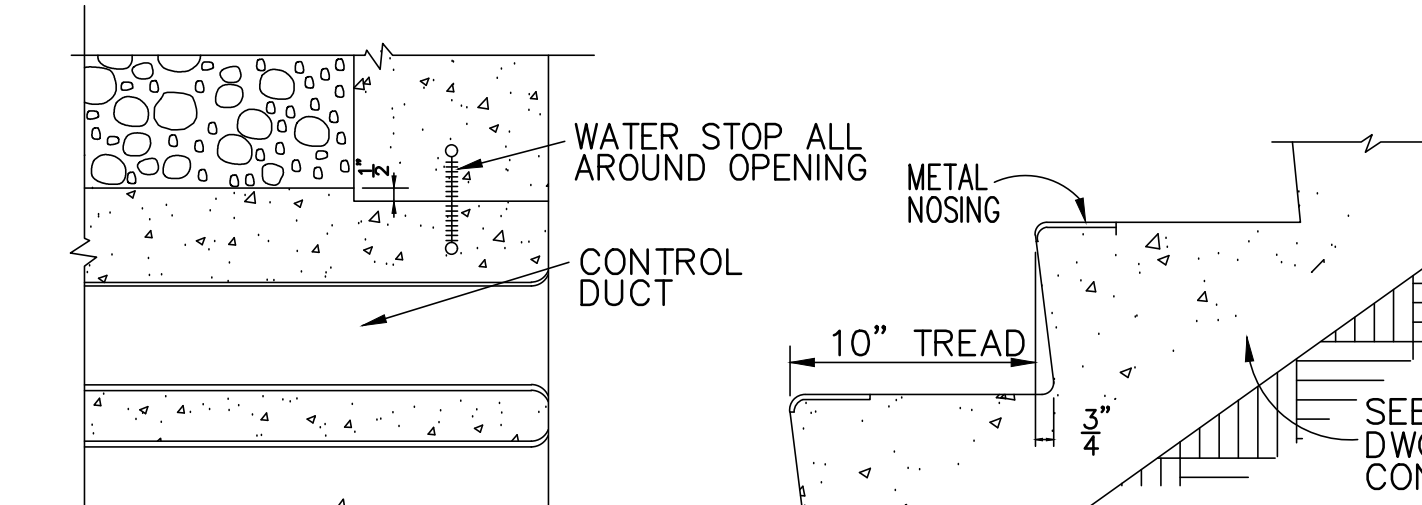
4 EXTERIOR STAIR DETAIL 1/2"=1'-0"



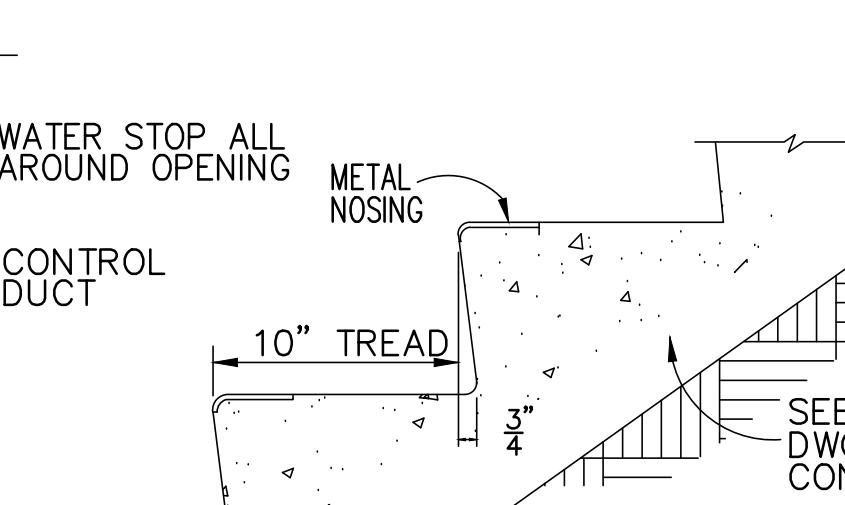
PART. SECTION AT BASEMENT STAIR 1/4"=1'-0"
NORTH WALL-TOILET RM. ABOVE



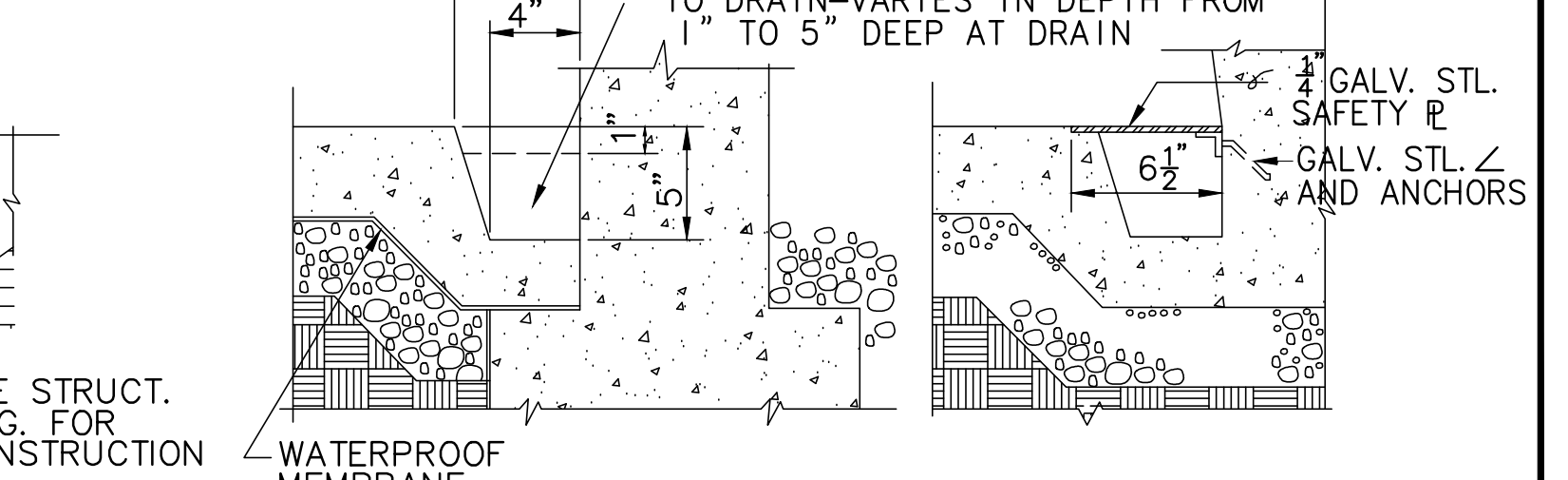
SECTION B-B 1/4"=1'-0"



3 DETAIL @ CONTROL DUCT OPENINGS 1/2"=1'-0"



2 DETAIL @ BASEMENT STAIR 1/2"=1'-0"



1 DETAIL @ BASEMENT PERIMETER GUTTER 1/2"=1'-0"

NOTE: GUTTER SLOPES UNIFORMLY TO DRAIN-VARIES IN DEPTH FROM 1" TO 5" DEEP AT DRAIN

REVISIONS	DATE	BY	DESCRIPTION
1	JAN. 18, 1986	JJ	ADDED NOTE FOR EXPANSION JOINT IN DETAIL 5
2	3-31-87	JJ	LDH
3	9-23-87	MS	ADDED ANTENNA SUPPORT W/AS NO. 48
4	4-28-93	MS	KSK FHC
5	9-26-96	MS	TRANSFERRED ANTENNA W/O. #91457-09
6	12-5-96	MS	CONVERTED TO CAD
7	1-31-99	MS	INSTALLED ANTENNA ASBUILTS. NO #1640-07

CONVERTED TO CAD	DATE	BY	DESCRIPTION
1	1-31-99	MS	CONVERTED TO CAD

CONVERTED TO CAD
BY: JIM MANDANAS
DATE: JANUARY 31, 1999
PHONE: (206) 745-4902

FRED BASSETTI & COMPANY/ARCHITECTS
FRED BASSETTI, REGISTERED ARCHITECT
STATE OF WASHINGTON TL 394
510 LOGAN BUILDING / SEATTLE 1, WASHINGTON / MA 2-7725

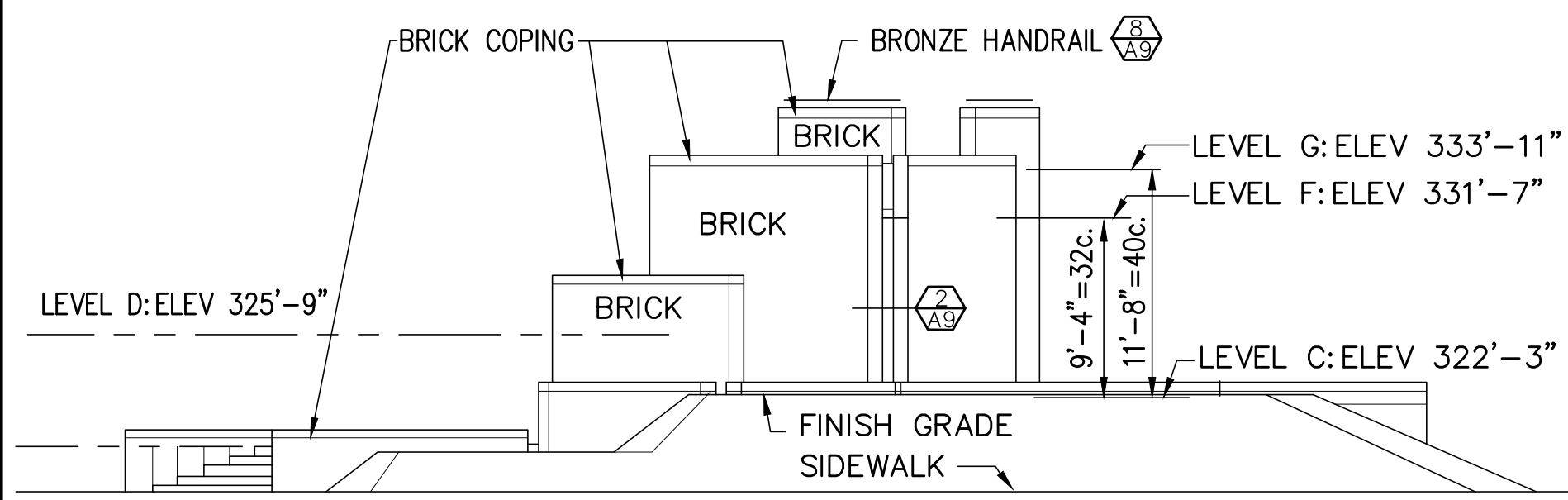
APPROVED BY SEATTLE BOARD OF PUBLIC WORKS
CHAIRMAN: DR. ACWAN 12-10-85
EXEC. SECRETARY: RLS 1-4-86
DATE: 1-17-86

ENDORSEMENTS
SIGNATURE DATE
DR. ACWAN 12-10-85
ALT 1-4-86
RLS 1-4-86

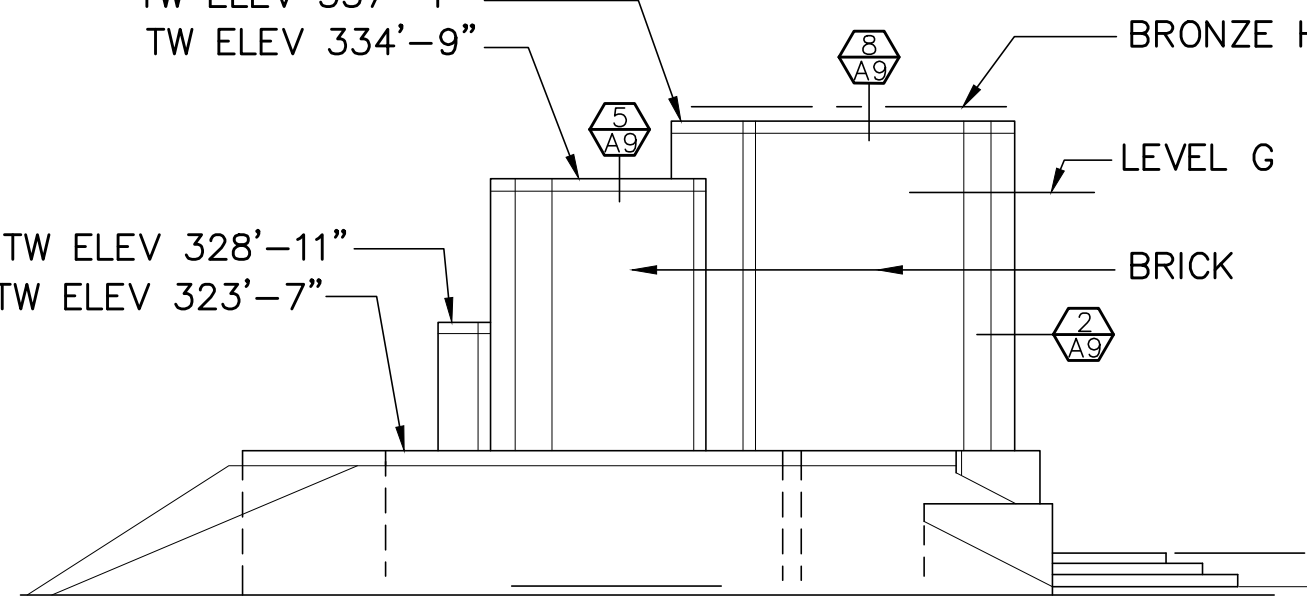
CITY OF SEATTLE
DEPARTMENT OF LIGHTING
JOHN M. NELSON, SUPERINTENDENT
APPROVED FOR DEPARTMENT OF LIGHTING
SEE MICROFILM FOR SIGNATURES
DATE: 1-5-86

EAST PINE SUBSTATION
CONTROL BUILDING ELEVATIONS & SECTIONS
SCALE: AS NOTED
DRAWING NO. D-22271
REV. 6

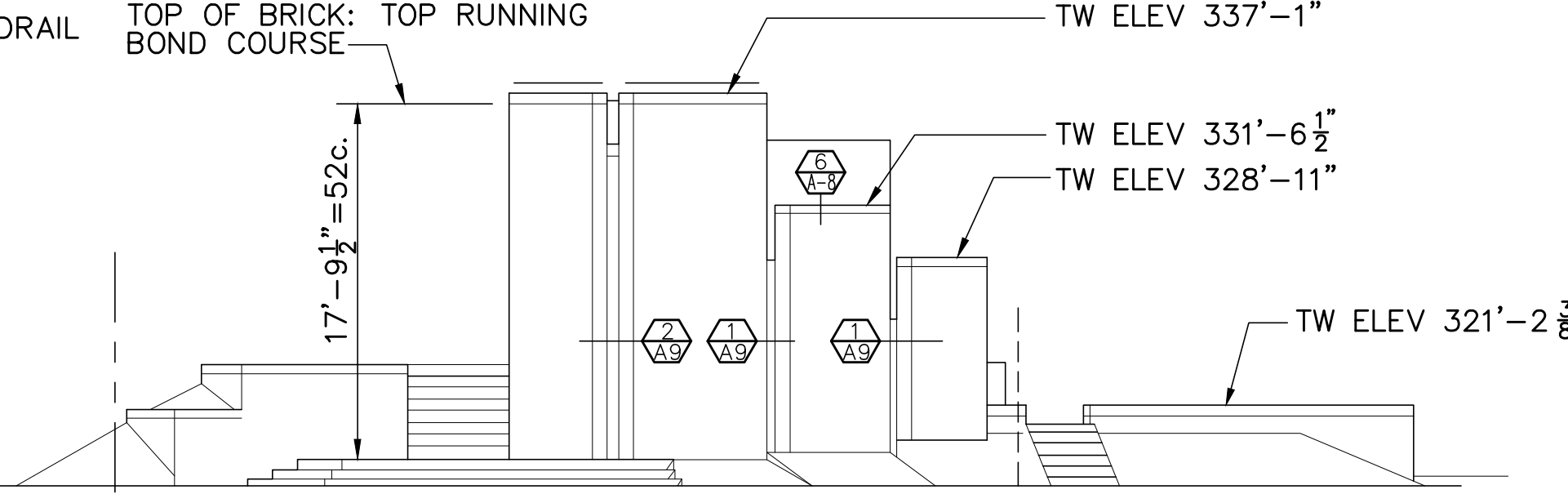
MICROFILMED



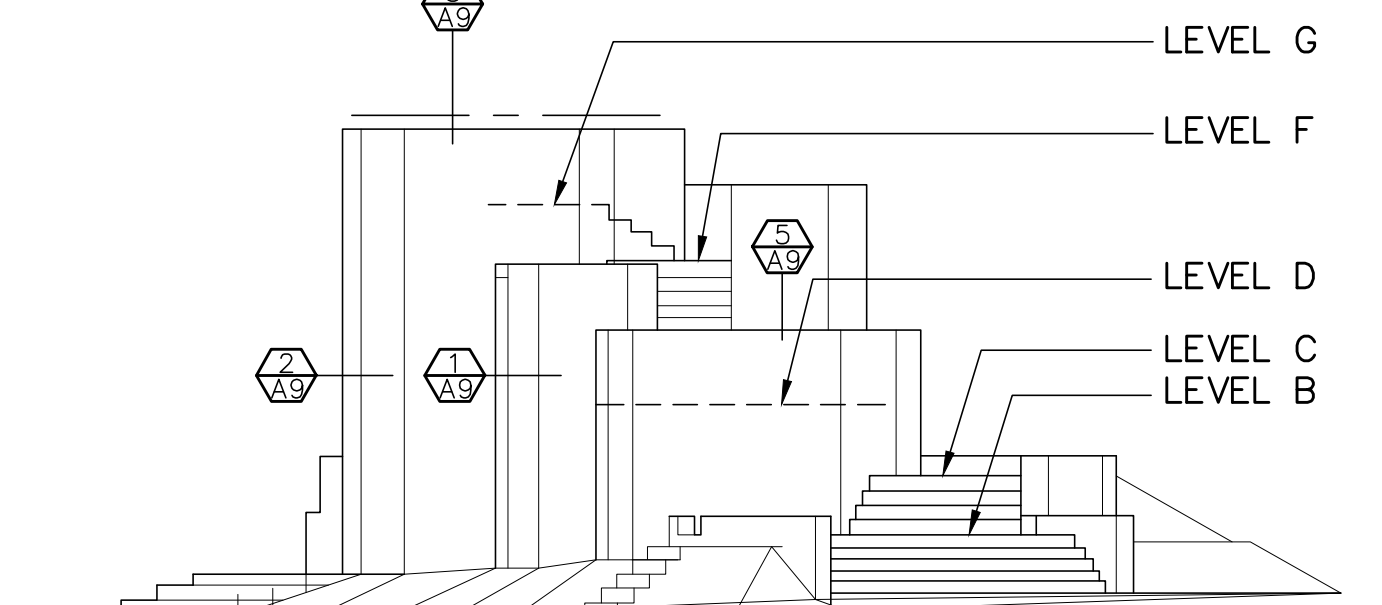
NORTH ELEVATION
SCALE 1/8"=1'-0"



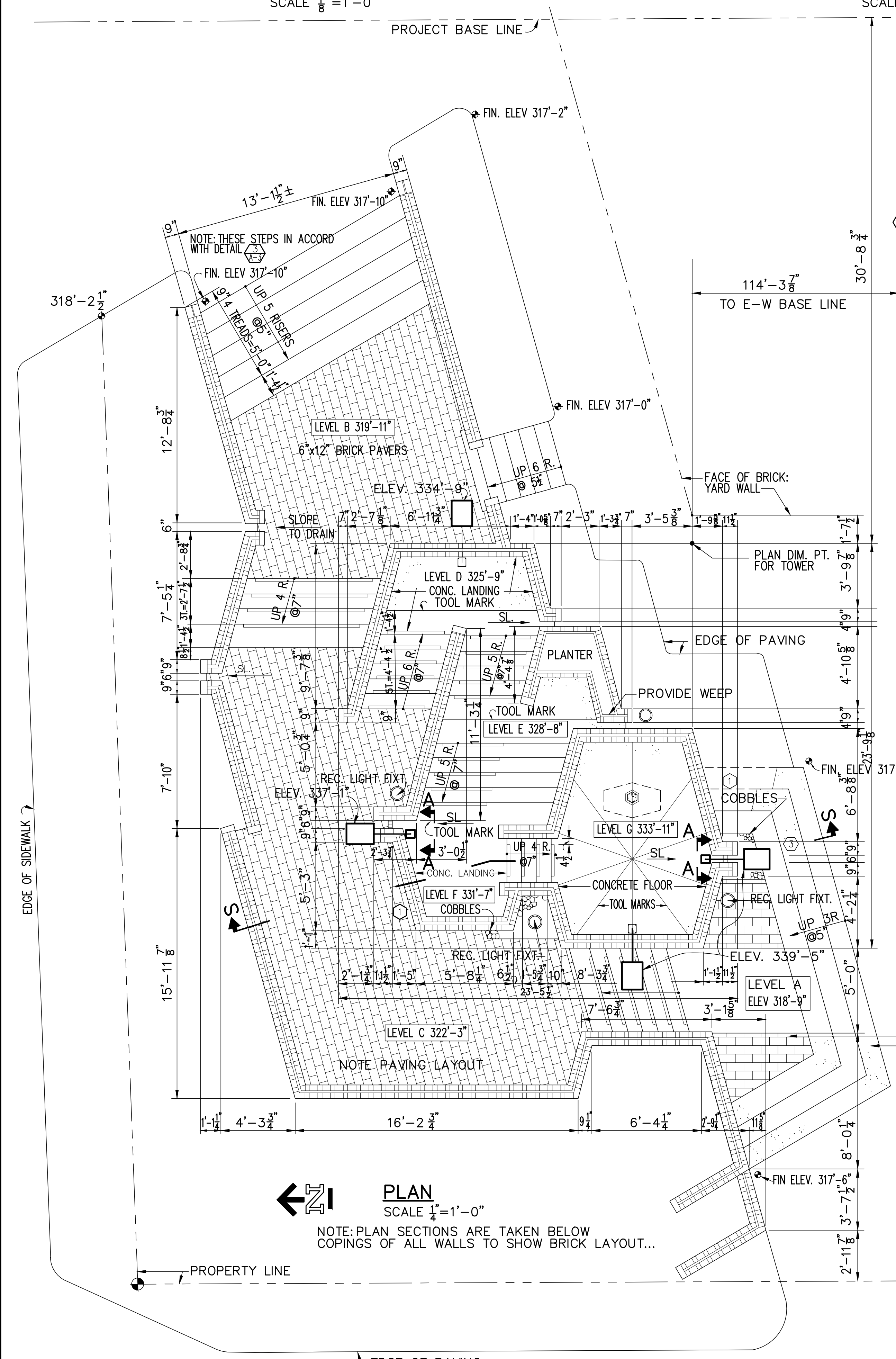
WEST ELEVATION
SCALE 1/8"=1'-0"



SOUTH ELEVATION
SCALE 1/8"=1'-0"

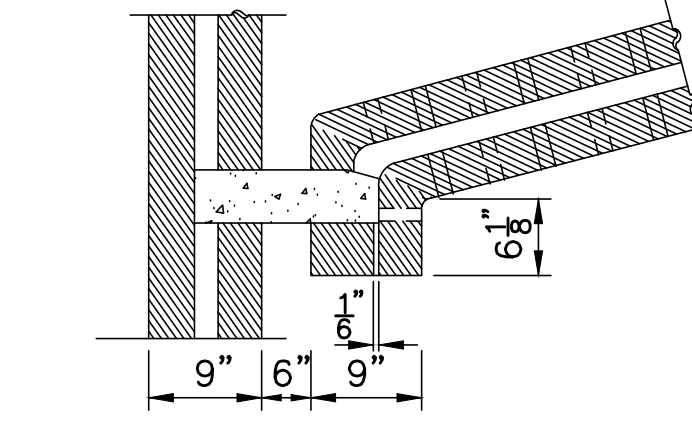


EAST ELEVATION
SCALE 1/8"=1'-0"

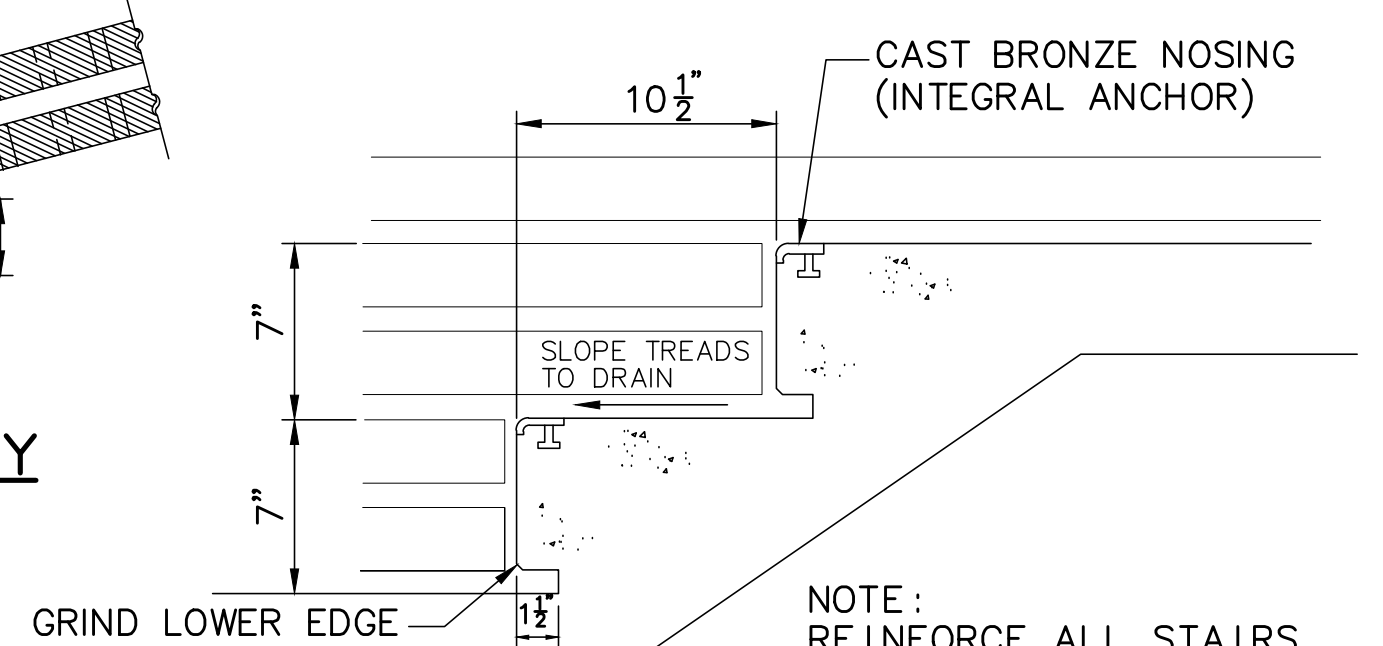


PLAN
SCALE 1/4"=1'-0"

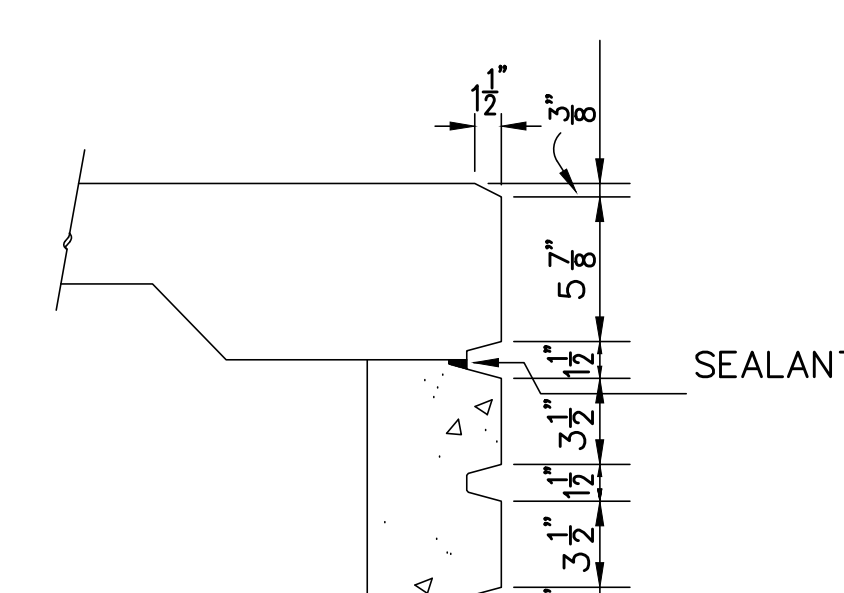
NOTE: PLAN SECTIONS ARE TAKEN BELOW COPINGS OF ALL WALLS TO SHOW BRICK LAYOUT...



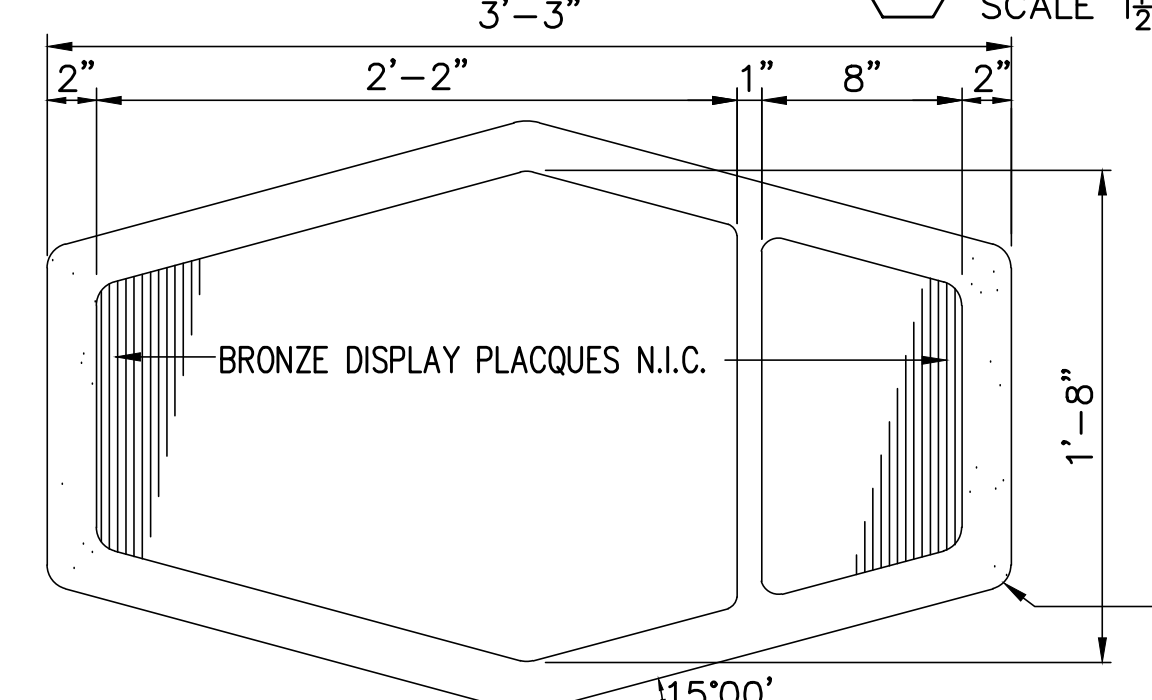
1 PLAN: RACEWAY
SCALE 1/4"=1'-0"



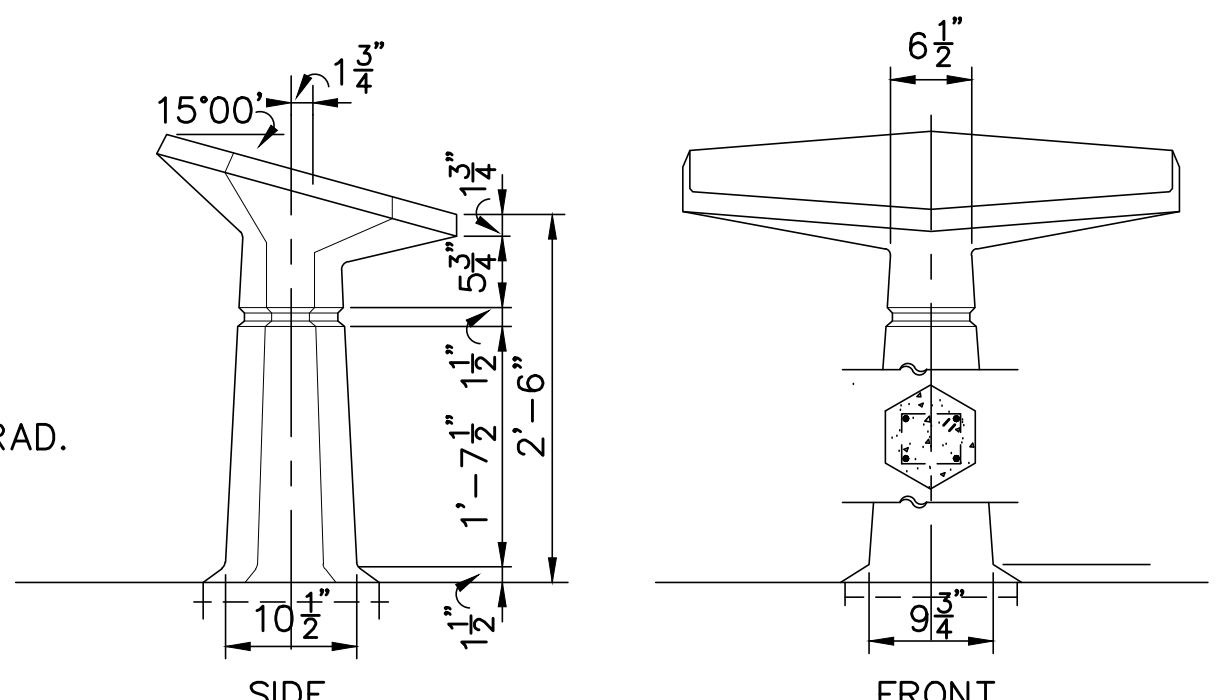
10 SECTION: TYPICAL STEP
SCALE 1/2"=1'-0"



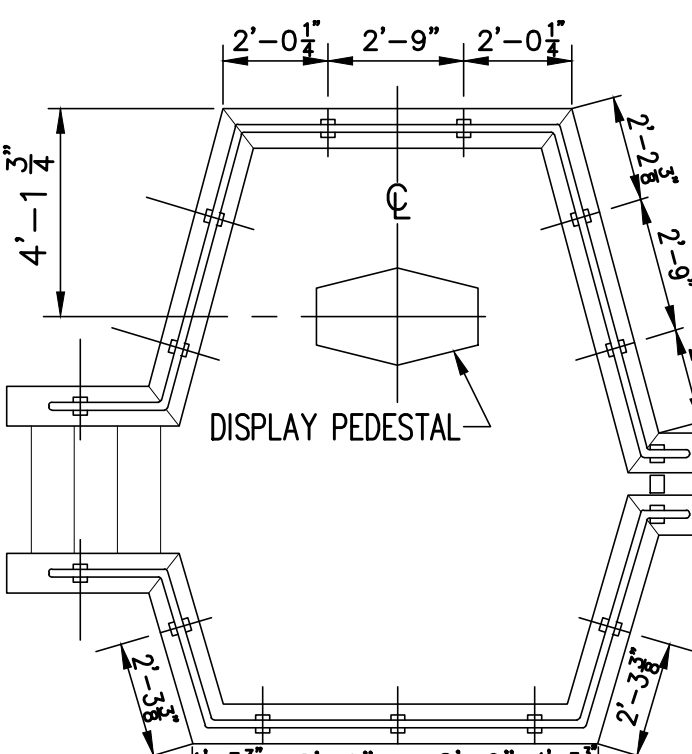
9 SECTION: SCUPPER
SCALE 1/2"=1'-0"



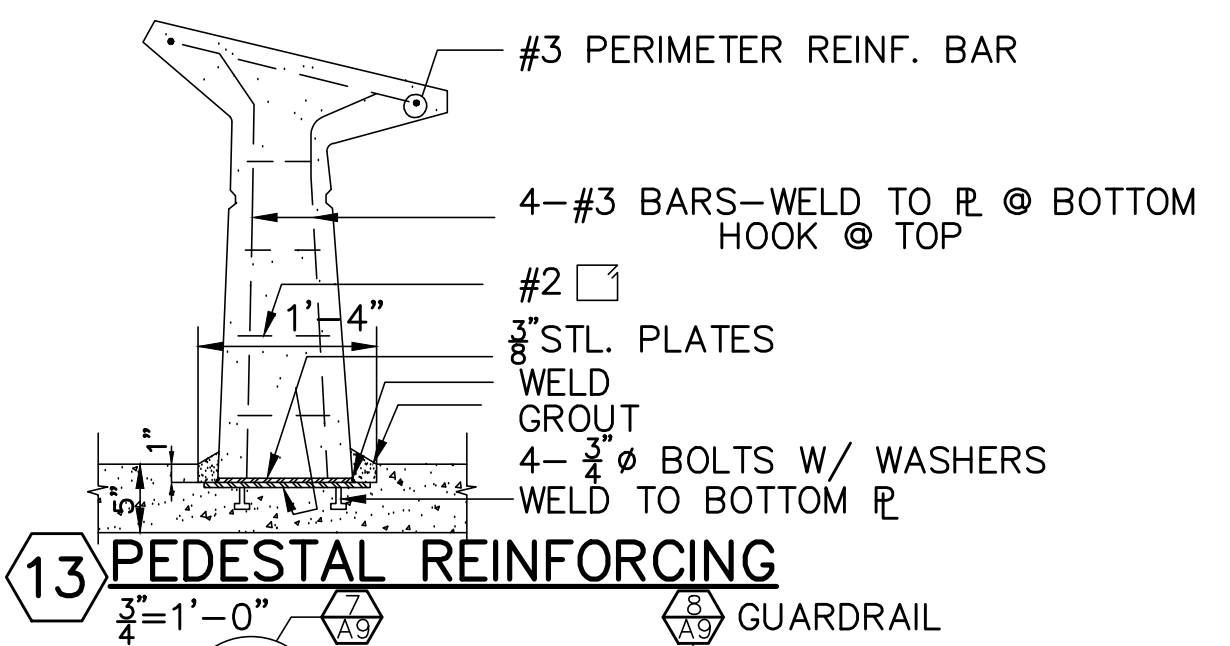
12 PLAN OF TOP: DISPLAY PEDESTAL
SCALE 1/2"=1'-0"



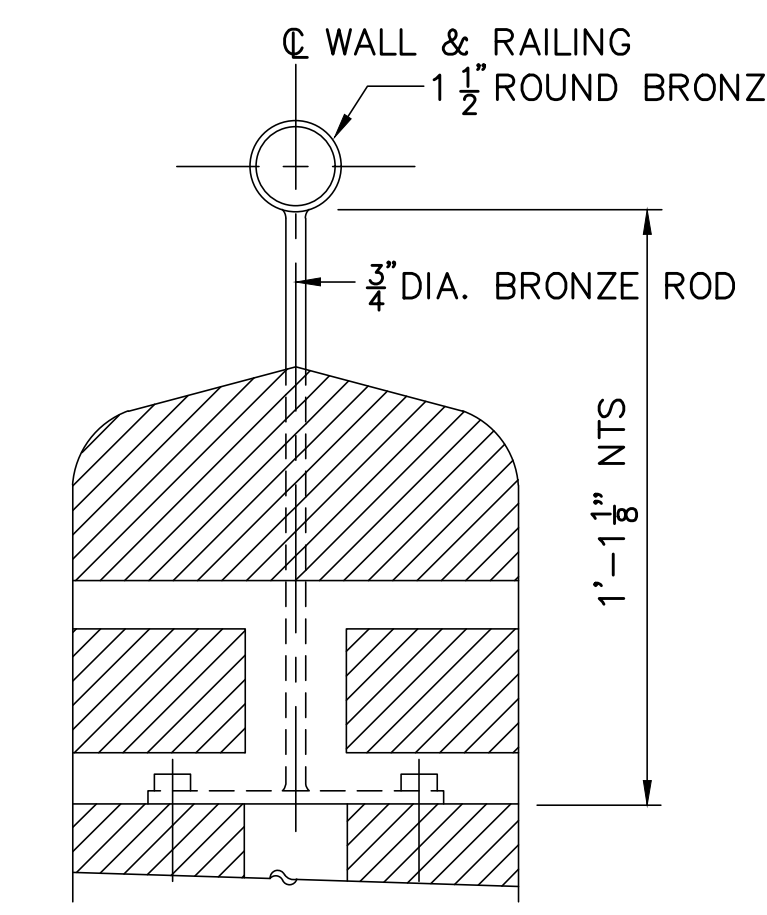
11 ELEVATIONS: PRECAST DISPLAY PEDESTAL
SCALE 3/4"=1'-0"



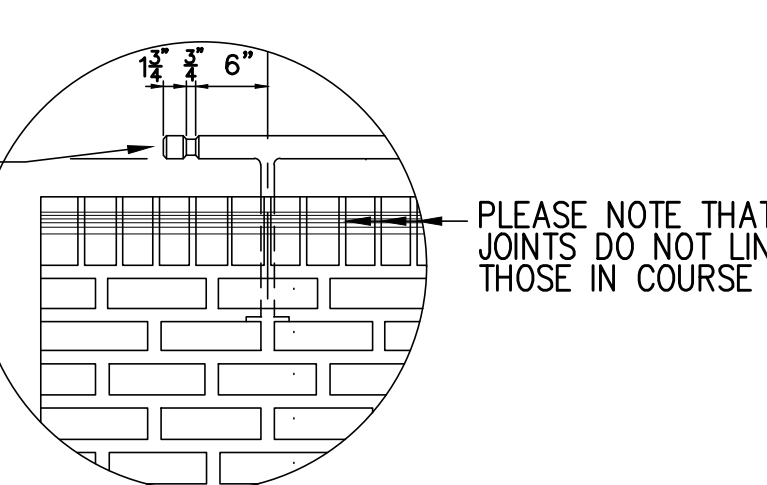
PLAN: LEVEL G
SCALE 1/4"=1'-0"



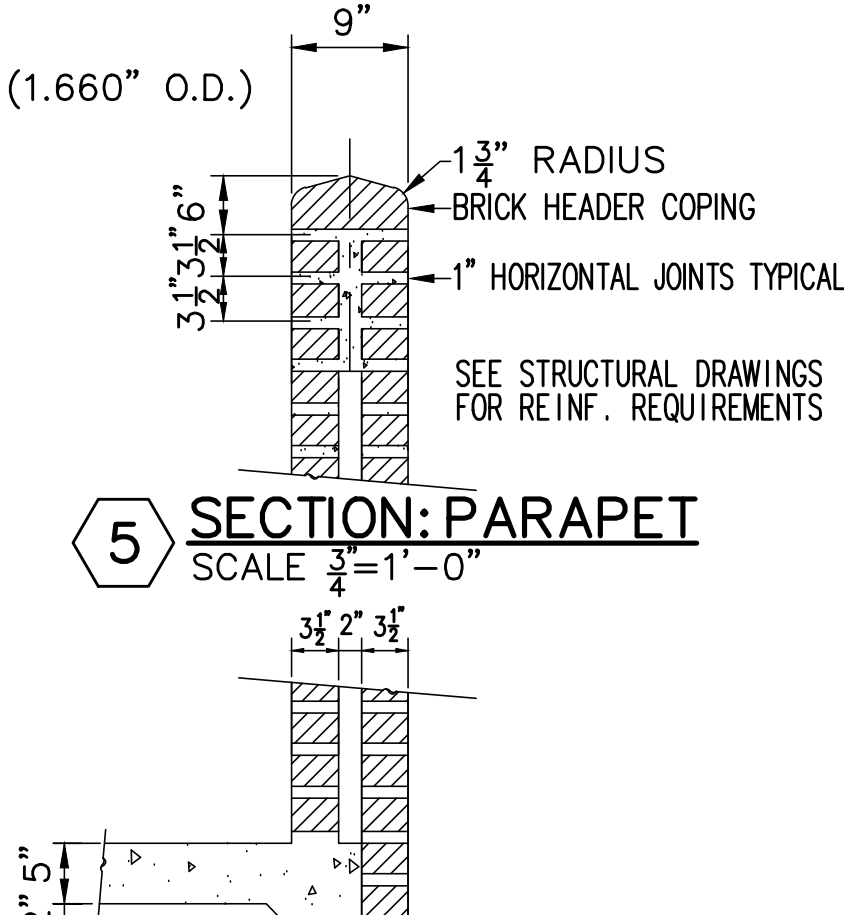
13 PEDESTAL REINFORCING
SCALE 1/2"=1'-0"



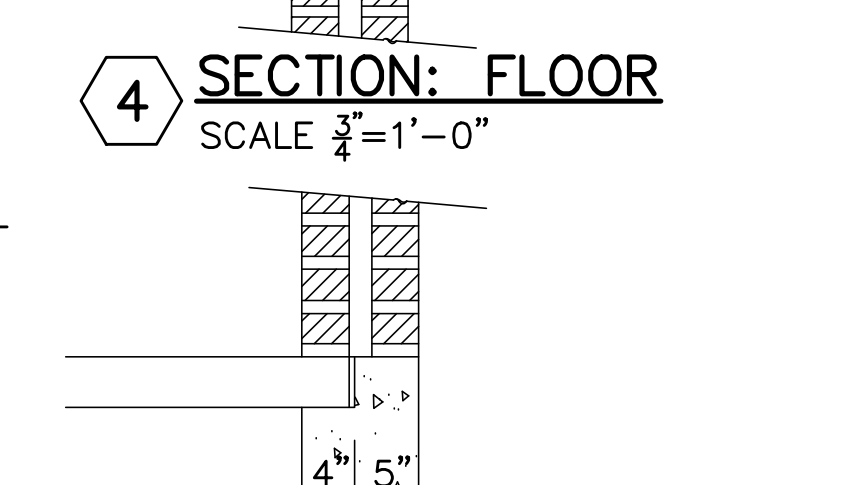
8 SECTION: GUARDRAIL
SCALE 3"=1'-0"



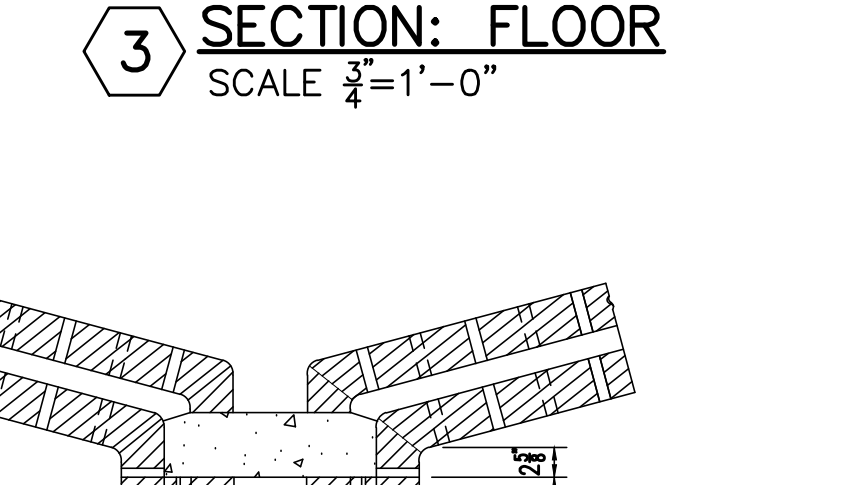
7 DETAIL ELEVATION at PARAPET
SCALE 3/4"=1'-0"



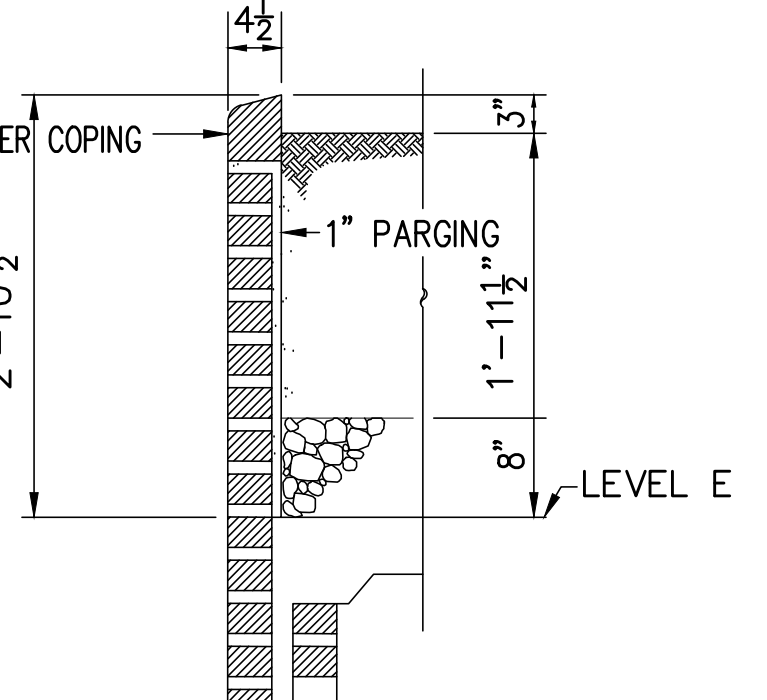
5 SECTION: PARAPET
SCALE 3/4"=1'-0"



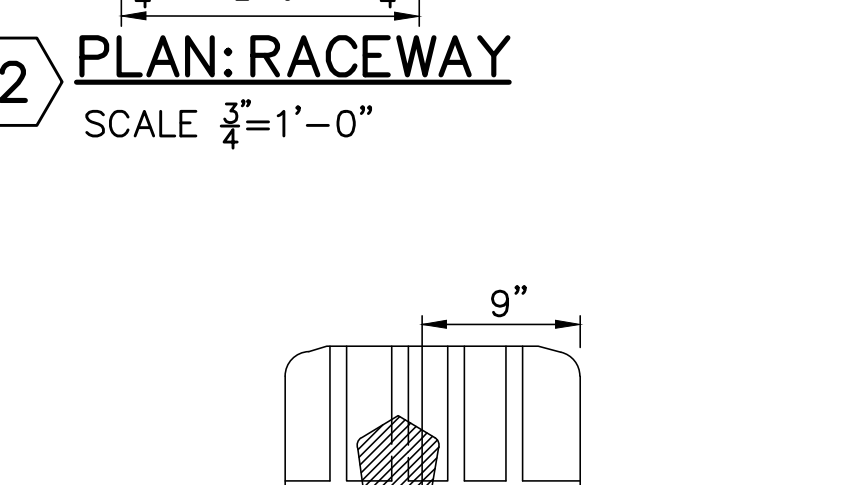
4 SECTION: FLOOR
SCALE 3/4"=1'-0"



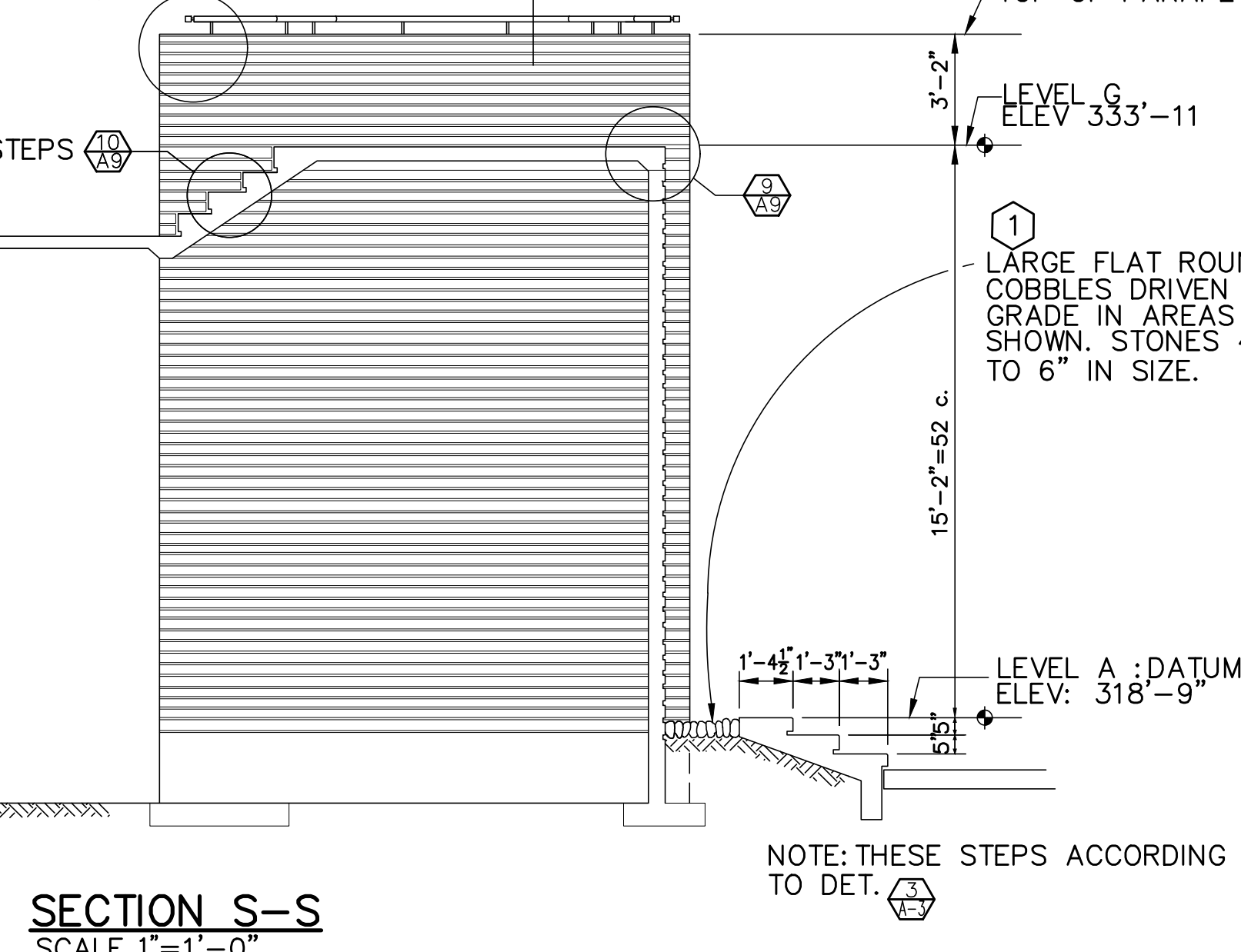
3 SECTION: FLOOR
SCALE 3/4"=1'-0"



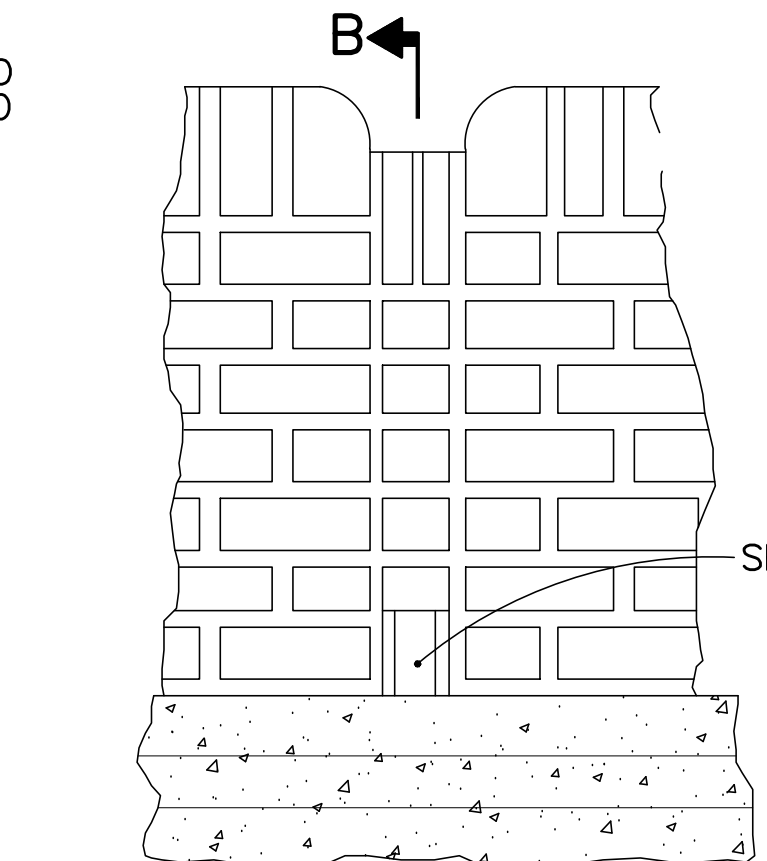
6 SECTION: PLANTER
SCALE 3/4"=1'-0"



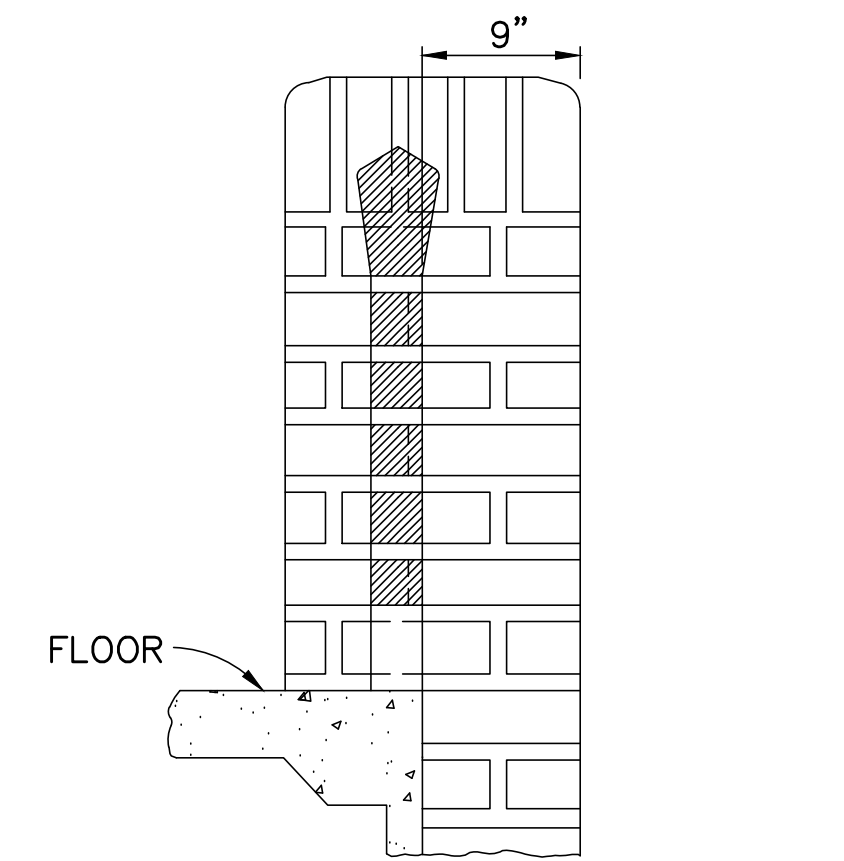
2 PLAN: RACEWAY
SCALE 3/4"=1'-0"



SECTION S-S
SCALE 1/4"=1'-0"



SECTION A-A
SCALE 1"=1'-0"



SECTION B-B
SCALE 1"=1'-0"

NOTE: SEE STRUCTURAL DWGS FOR REINF OF DETAILS SHOWN THIS SHIT...

REV	DATE	BY	APP	DESCRIPTION
1	1-18-66	JJ	JJ	ADDED COBBLE NOTE TO SECT. S-S AND PLAN
2	3-31-67	JJ	JJ	
3	7-5-67	JJ	JJ	
4	8-22-68	JJ	JJ	
5	2-21-68	JJ	JJ	

CONVERTED TO CAD BY VENDOR NAME: PIM CORPORATION CONTACT PERSON: B. JOHN MANDANAS DATE: JANUARY 31, 1996 PHONE: (206) 745-4902

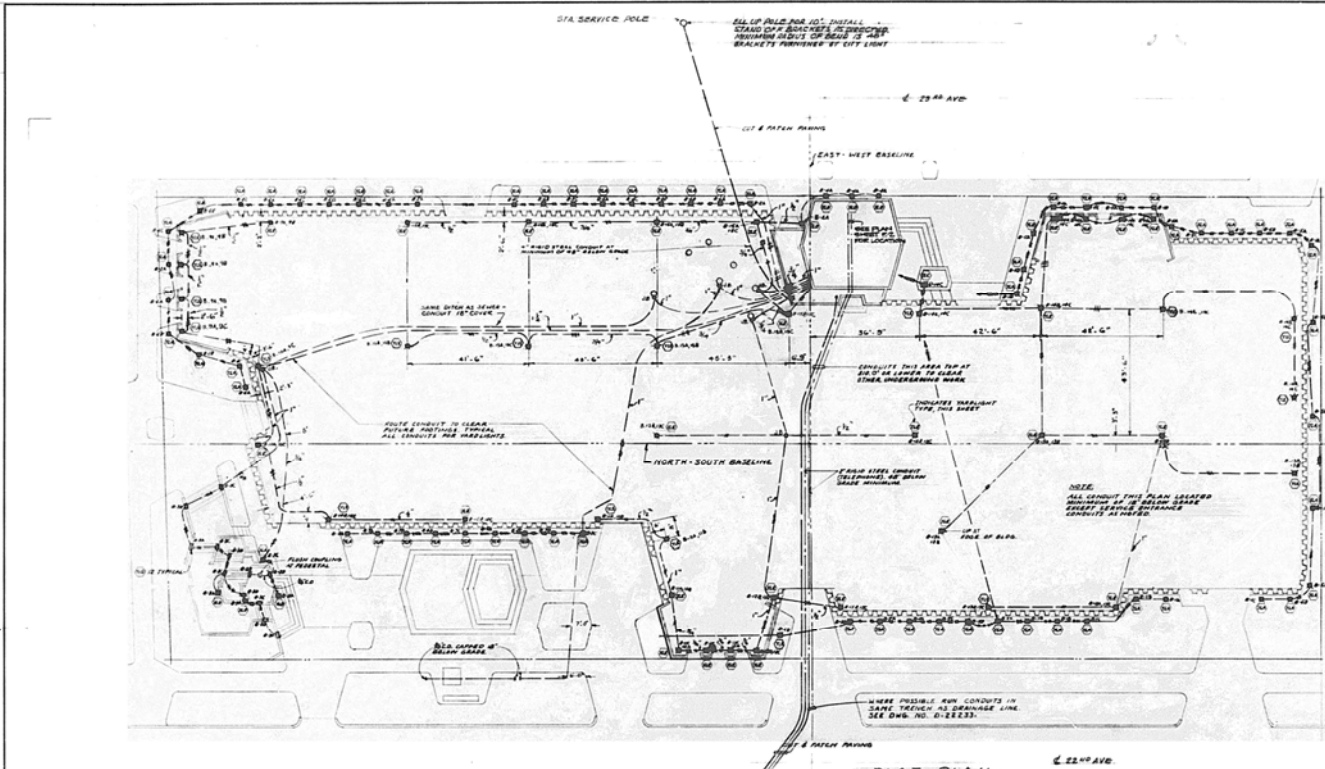
FRED BASSETTI & COMPANY/ARCHITECTS
FRED BASSETTI, REGISTERED ARCHITECT
STATE OF WASHINGTON TL 394
510 LOGAN BUILDING / SEATTLE 1, WASHINGTON / WA 2-7725

APPROVED BY SEATTLE BOARD OF PUBLIC WORKS
CHAIRMAN: CK FB
EXEC. SECRETARY: A.L.T.
DATE: 1-5-66

ENDORSEMENTS
SIGNATURE DATE
DR JAX 12-10-65
CK FB 1-4-66
A.L.T. 1-4-66
RLB 1-4-66
DATE: 1-5-66

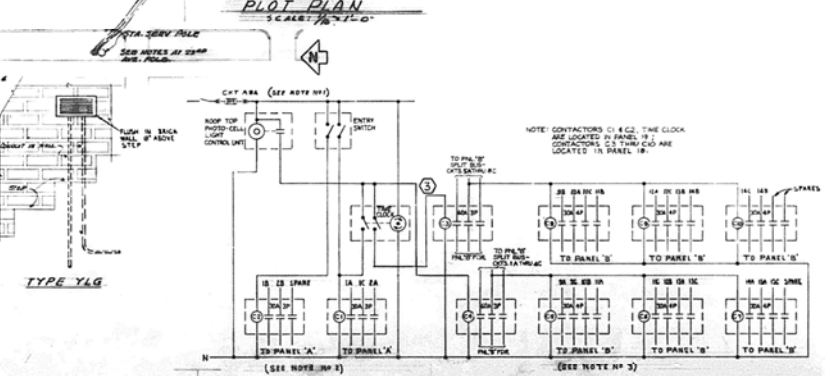
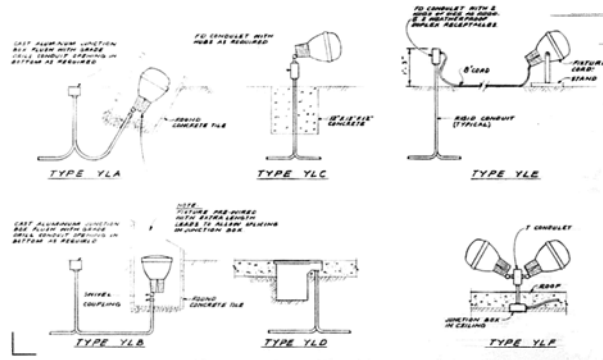
CITY OF SEATTLE
DEPARTMENT OF LIGHTING
JOHN M. NELSON, SUPERINTENDENT
APPROVED FOR DEPARTMENT OF LIGHTING
SEE MICROFILM FOR SIGNATURES

EAST PINE SUBSTATION
CHILDREN'S VIEWING TOWER
PLAN, ELEVATIONS & DETAILS
SCALE: AS NOTED
DRAWING NO. D-22272
REV. 5



- REFERENCE DRAWINGS**
- D-22147 CONNECTION DIAGRAM-PANELS 12, 13, 120
 - D-22130 GENERAL ARRANGEMENT-ELECTRICAL PLAN
 - D-22128 CONTROL BUILDING EQUIPMENT ARRANGEMENT
 - D-22274 CONTROL BUILDING ELECTRICAL PLANS
 - 140-1128 STATION SERVICE SWITCHBOARD ARRANGEMENT

- NOTES**
1. AC STATION SERVICE ALARM & DC EMERGENCY LIGHT RELAYS ARE CONNECTED TO 24V A.C. THESE CIRCUITS ARE SHOWN IN ELEMENTARY FORM ON DWG. 140-1128B
 2. LIGHT CONTRACTORS C1 AND C2 ARE USED FOR CONTROL BUILDING-CONTROL ROOM LIGHTING
 3. LIGHT CONTRACTORS C3 THRU C10 ARE USED FOR OUTDOOR AREA LIGHTING & EFFECT ILLUMINATION.



MICROFILMED

REVISIONS

NO.	DATE	DESCRIPTION
1	11-15-44	PREPARED
2	11-15-44	REVISED
3	11-15-44	REVISED
4	11-15-44	REVISED
5	11-15-44	REVISED
6	11-15-44	REVISED
7	11-15-44	REVISED
8	11-15-44	REVISED
9	11-15-44	REVISED
10	11-15-44	REVISED

FRED BARNETT & COMPANY ARCHITECTS
 1401 S. 10th St., Seattle, Wash. 5
 1401 S. 10th St., Seattle, Wash. 5

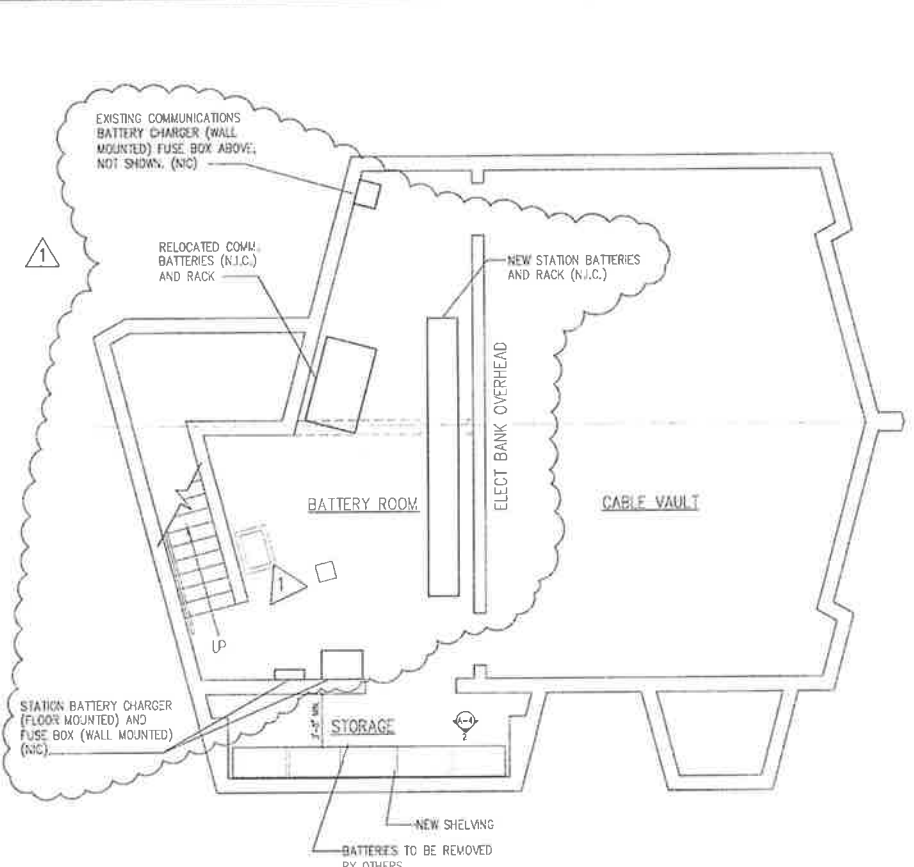


APPROVED BY: *[Signature]*
 DATE: 11-15-44

DEPARTMENT OF LIGHTING
 CITY OF SEATTLE
 1401 S. 10th St., Seattle, Wash. 5

EAST PINE SUBSTATION
 YARD LIGHTING PLAN
 ELECTRICAL DIAGRAMS
 DRAWING NO. D-22273
 REV. 3

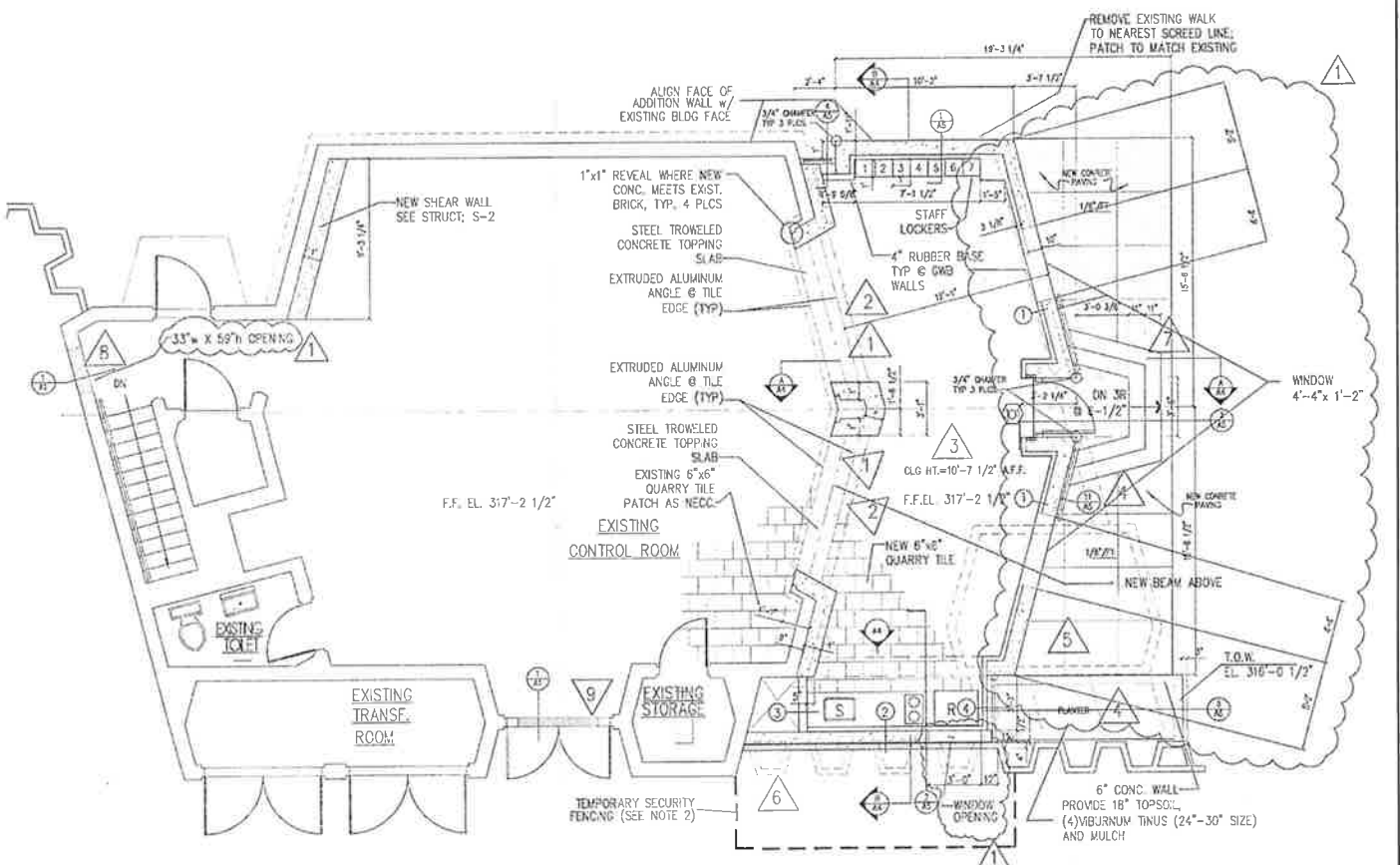
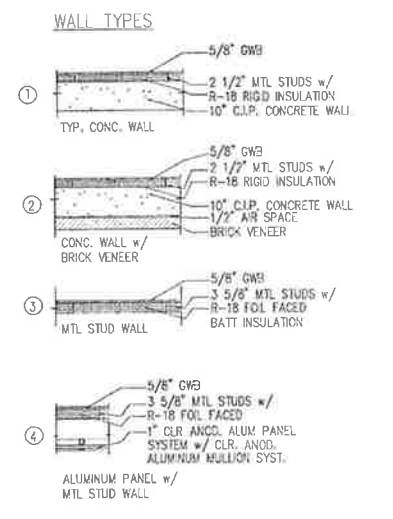
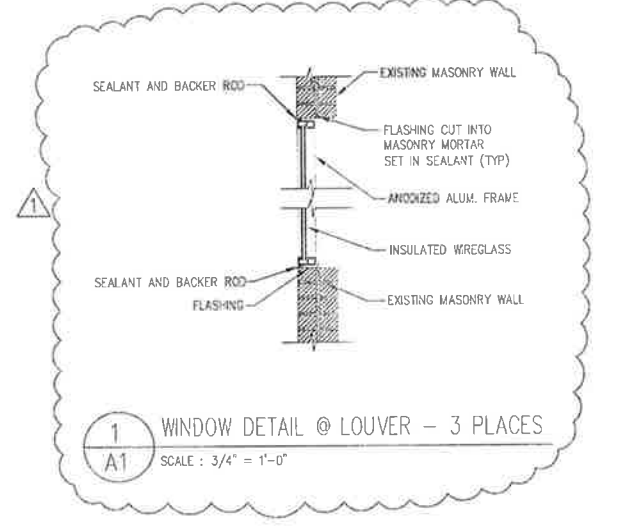
DATE: 04/25/00 TIME: 08:28 PM FILE: P:\PROJECTS\044000102-20000101-01



BASEMENT PLAN • EXISTING CONTROL BUILDING
EAST PINE STREET SUBSTATION

BASEMENT DEMOLITION NOTES

1. REMOVE EXISTING UTILITY SINK AND CAP PLUMBING.



PLAN • CONTROL BUILDING ADDITION
EAST PINE STREET SUBSTATION

- MAIN FLOOR DEMOLITION NOTES**
- REMOVE EXISTING WINDOW FRAME, INFILL, JAMB, SILL AND SILL ANGLE. (2 PLACES)
 - SAWCUT / REMOVE EXISTING PRECAST CONCRETE BASE BLOCKS.
 - REMOVE EXISTING BRICK PAVER / CONCRETE PLATFORM TO GRADE LEVEL.
 - REMOVE EXISTING CONCRETE STEPS.
 - REMOVE EXISTING PLANTING AREA. (RELOCATE EXISTING TREE ON SITE AS DIRECTED BY OWNER)
 - SAWCUT / REMOVE EXISTING CORRUGATED BRICK WALL, CONCRETE BASE, AND FOOTING.
 - SAWCUT CONCRETE PARKING PAD
 - REMOVE EXISTING LOUVER AND BRICK SILL; INFILL WITH ALUMINUM FRAME AND GLAZING. LOWER THIRD OF OPENING TO BE 1\"/>
 - REMOVE EXISTING EXHAUST FAN; INFILL WITH ALUMINUM FRAME AND GLAZING.

- NOTES:**
- SEE SPECS FOR ROOM FINISH AND DOOR SCHEDULE INFORMATION
 - PRIOR TO DEMOLITION OF MASONRY WALL, CONTRACTOR SHALL INSTALL SECURITY FENCE. FENCE TO BE 6'-0\"/>
 - THESE DRAWINGS WERE PREPARED USING EXISTING DRAWING AND FIELD OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO DEMOLITION. REPORT ALL DISCREPANCIES TO ENGINEER BEFORE PROCEEDING WITH THE WORK.

REV.	DATE	BY	DESCRIPTION
1	2/15/00	MF	ISSUE

SPECIFICATION NUMBER: 334Z
APPROVED FOR ADVERTISING
DWIGHT DIVELEY
EXECUTIVE SERVICES DIRECTOR
SEATTLE, WASHINGTON
BY: _____
CONTRACTING MANAGER

REGISTERED PROFESSIONAL ENGINEER
ALBERT G. WILSON
STATE OF WASHINGTON

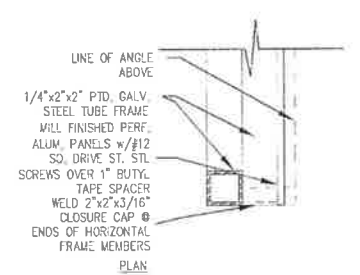
HDR Engineering, Inc.
REGISTERED PROFESSIONAL ENGINEER
STATE OF WASHINGTON

DATE: _____

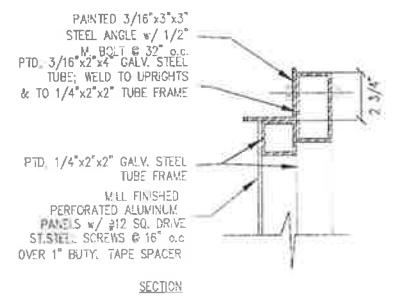
ENDORSEMENTS		CITY OF SEATTLE
SIGNATURE	DATE	CITY LIGHT DEPARTMENT
DR: WJ	9-24-99	
DK: _____	_____	
DSGN: _____	_____	
DATE		APPROVED FOR CITY LIGHT DEPARTMENT

CONTROL BUILDING ADDITION EAST PINE SUBSTATION	
CLASS: A-1	SHEET 2 OF 12
BRAWING NO. D-34201	
SCALE: AS NOTED	REV. NO. 1

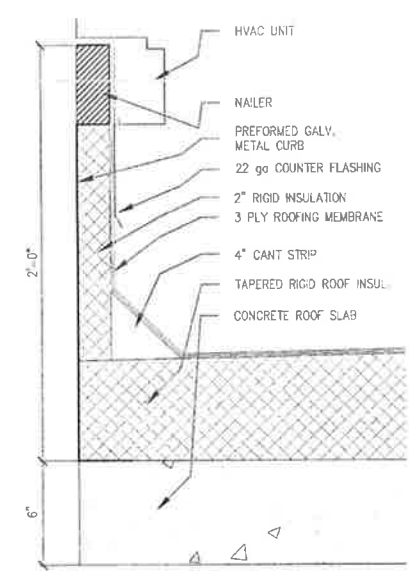
BASEMENT & FIRST FLOOR PLAN



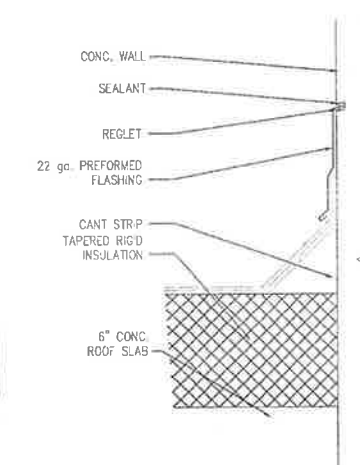
6 EDGE OF HVAC SCREEN
A2 SCALE: 3" = 1'-0"



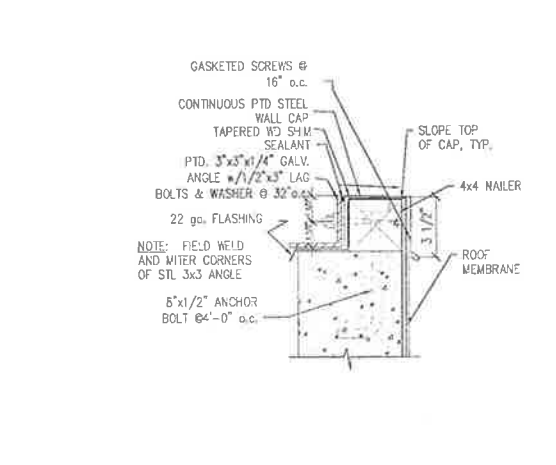
7 CURB @ HVAC UNIT
A2 SCALE: 3" = 1'-0"



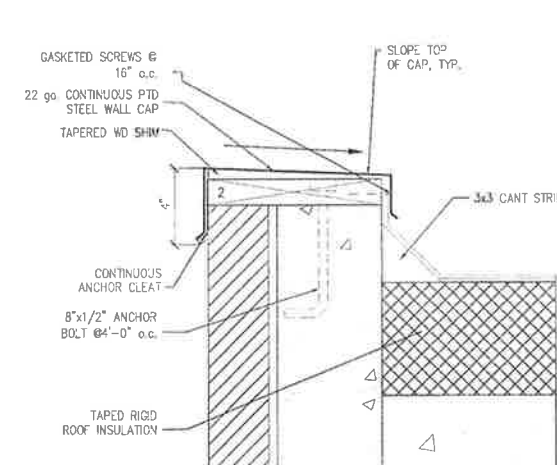
4 PARAPET @ METAL WALL PANEL
A2 SCALE: 3" = 1'-0"



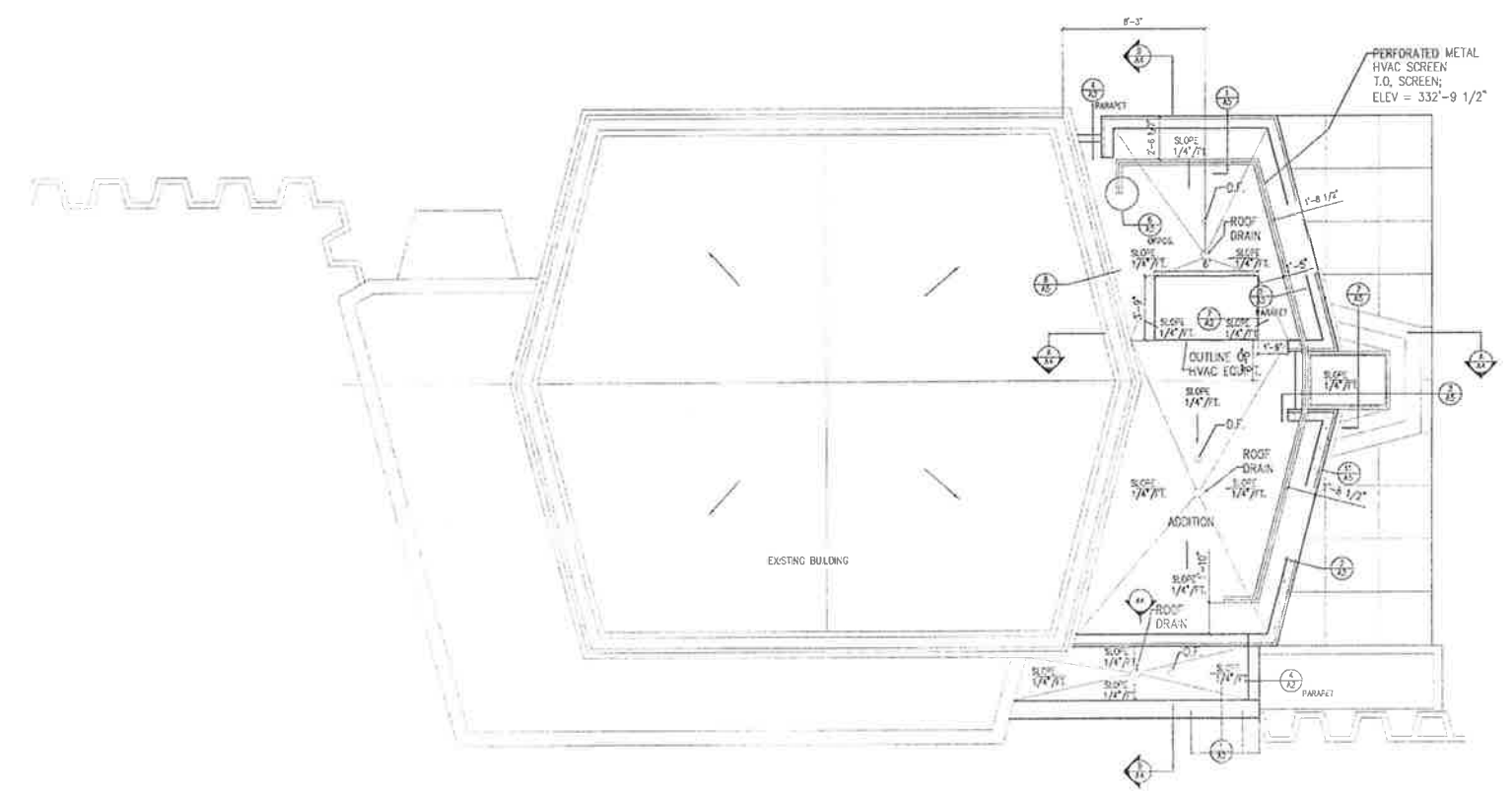
3 REGLET DETAIL
A2 SCALE: 3" = 1'-0"



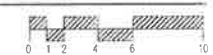
2 TYPICAL CONCRETE WALL PARAPET
A2 SCALE: 3" = 1'-0"



1 PARAPET @ CONCRETE & BRICK WALL
A2 SCALE: 3" = 1'-0"



ROOF PLAN • CONTROL BUILDING ADDITION
 EAST PINE STREET SUBSTATION



DATE: 04/05/00 TIME: 09:11am PATH: P:\V\PRO\08430\07-2000\2-12
 FILE: ep-h-a1234.dwg

REV	DATE	BY	DESCRIPTION

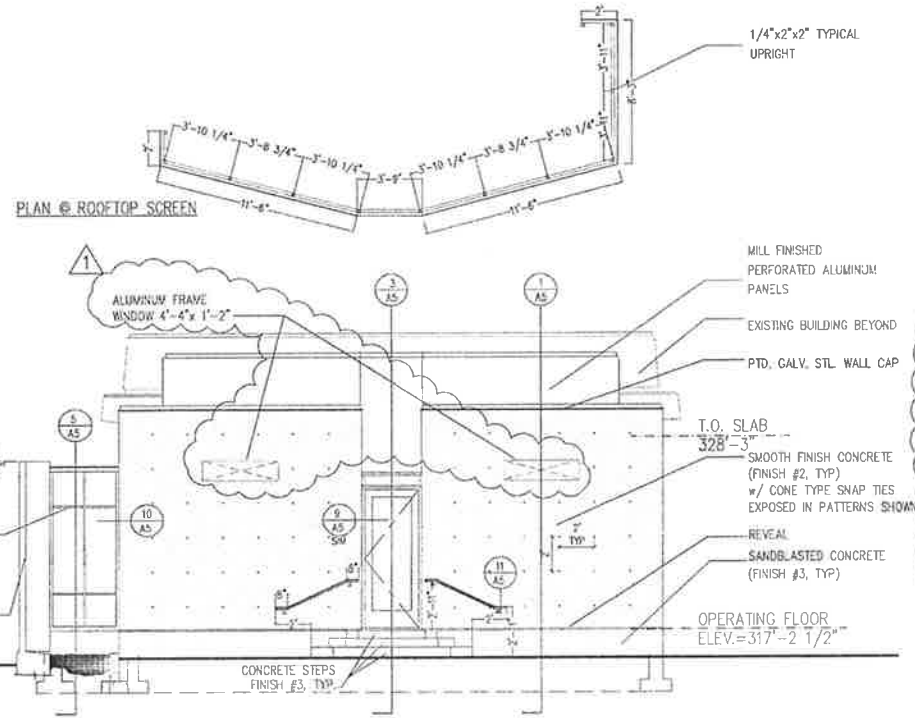
SPECIFICATION NUMBER: 3347
 APPROVED FOR ADVERTISING
 DWIGHT DIVELY
 EXECUTIVE SERVICES DIRECTOR
 SEATTLE, WASHINGTON 98101
 BY: _____
 CONTRACTING MANAGER

HDR
 HDR Engineering, Inc.
 1000 4th Avenue, Suite 2000
 Seattle, WA 98101

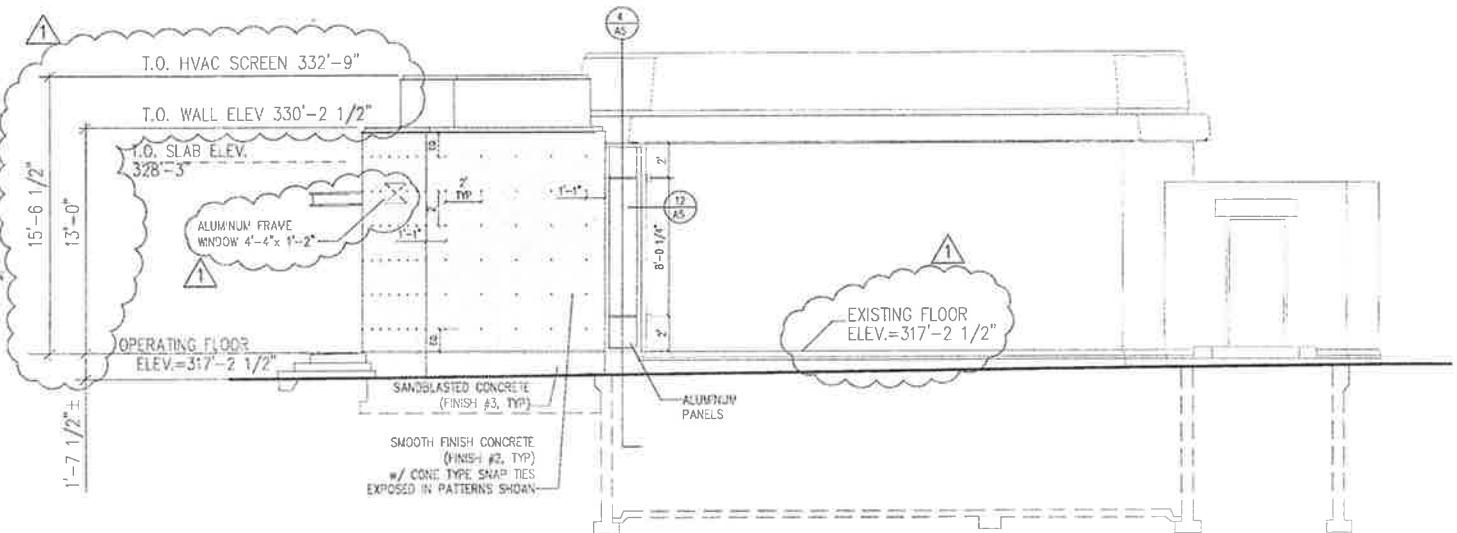
CITY OF SEATTLE
CITY LIGHT DEPARTMENT

ENDORSEMENTS
 SIGNATURE _____ DATE 9-24-98
 DR. M.J. _____
 DISCH. _____
 APPROVED FOR CITY LIGHT DEPARTMENT
 DATE _____

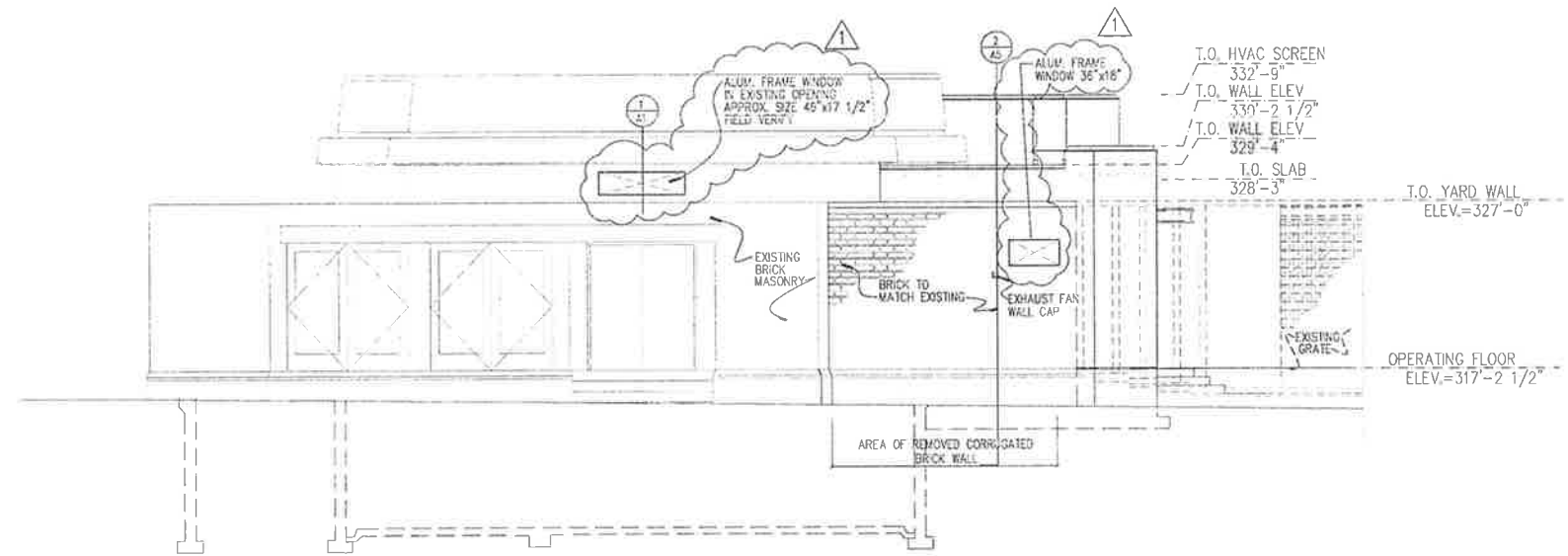
CONTROL BUILDING ADDITION		SHEET 3 OF 12
EAST PINE SUBSTATION		CLASS. A-2
ROOF PLAN & PARAPET DETAILS		DRAWING NO. D-34202
SCALE AS NOTED		REV. NO. 0



SOUTH ELEVATION • CONTROL BUILDING ADDITION



EAST ELEVATION • CONTROL BUILDING ADDITION
EAST PINE STREET SUBSTATION



WEST ELEVATION • CONTROL BUILDING ADDITION

DATE: 04/15/03 TIME: 08:11am PATH: P:\PROJECTS\03\0812\030313.DWG

FILE: c:\p\1231.dwg

REV	DATE	BY	DESCRIPTION
1	2/15/03	MF	ADD WINDOWS TO ELEVATIONS. REVISIONS TO ELEVATIONS FOR DCU.

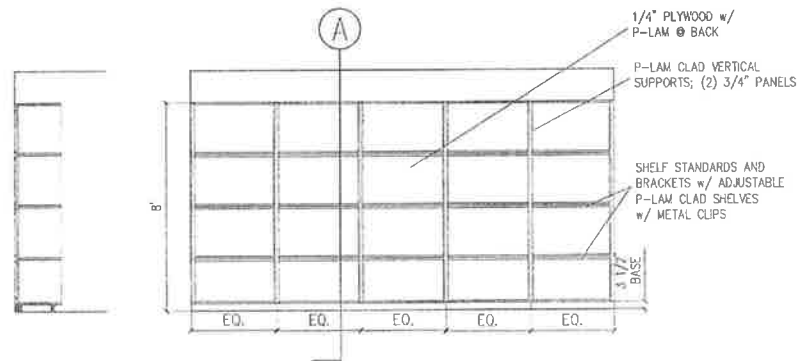
SPECIFICATION NUMBER: 3347
 APPROVED FOR ADVERTISING
 DWIGHT DIVELY
 EXECUTIVE SERVICES DIRECTOR
 SEATTLE, WASHINGTON

HDR
 HDR Engineering, Inc.

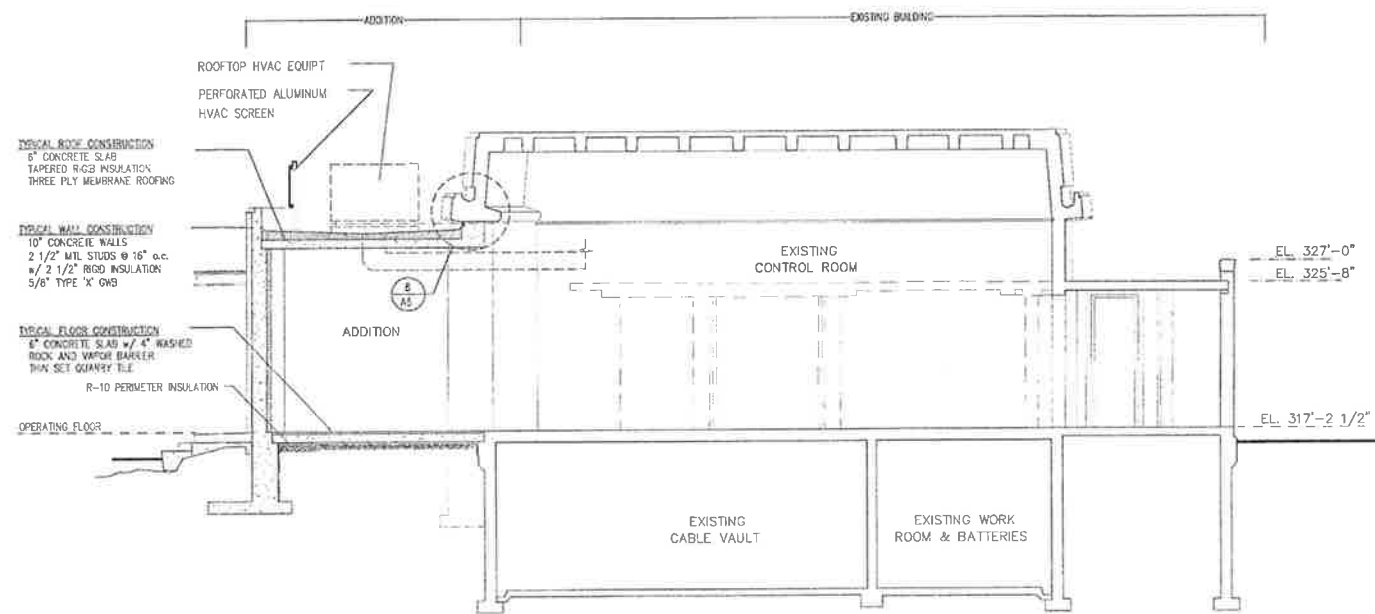
ENDORSEMENTS
 SIGNATURE DATE
 DR 1M/2 02-10-00
 DESIGNED BY
 CHECKED BY
 DATE

CITY OF SEATTLE
CITY LIGHT DEPARTMENT
 APPROVED FOR CITY LIGHT DEPARTMENT

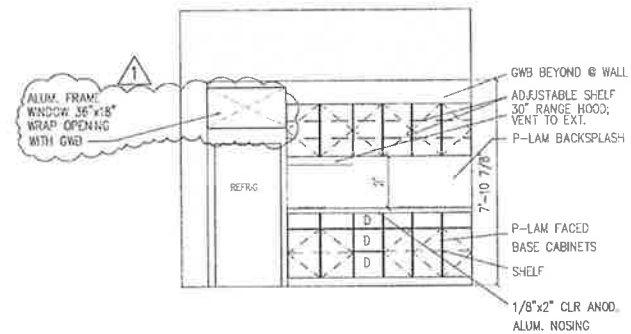
CONTROL BUILDING ADDITION
 EAST PINE SUBSTATION
 SHEET 4 OF 12
 CLASS **A-3**
 DRAWING NO. **D-34203**
 SCALE
 AS NOTED REV. NO. **1**



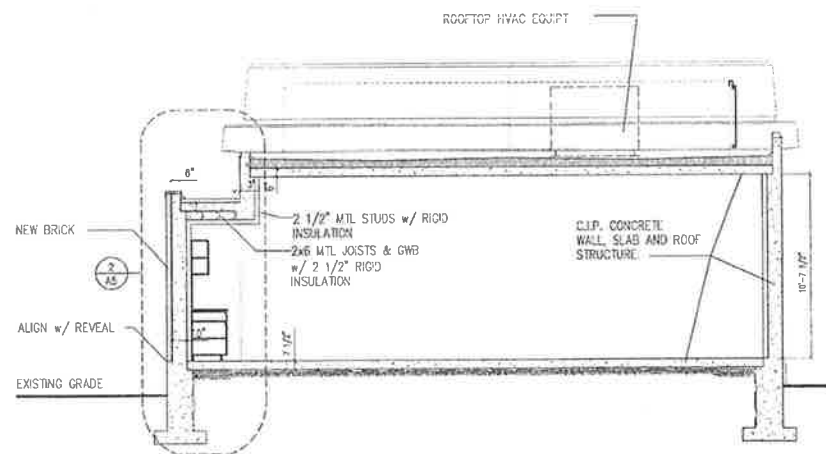
SECTION 2 STORAGE WEST ELEVATION
SCALE: 3/8"=1'-0"



LONGITUDINAL SECTION
EAST PINE STREET SUBSTATION



KITCHEN WEST ELEVATION
SCALE: 3/8"=1'-0"



LATERAL SECTION • CONTROL BUILDING ADDITION
EAST PINE STREET SUBSTATION

DATE: 04/05/00 TIME: 09:11am PATH: P:\HYDRO\06430.DWG(2-2000)\2-121

REV	DATE	BY	DESCRIPTION
1	2/15/00	MF	ADD WORKING TO KITCHEN ELEVATION

SPECIFICATION NUMBER: 3342
 APPROVED FOR ADVERTISING
 DWIGHT DIVELY
 EXECUTIVE SERVICES DIRECTOR
 SEATTLE, WASHINGTON 19...
 BY: _____
 CONTRACTING MANAGER

HDR Engineering, Inc.
 REGISTERED ARCHITECT
 STATE OF WASHINGTON
 NOBLE - VACCARO ARCHITECTS
 2000 1st Avenue, Suite 200
 Seattle, WA 98101
 (206) 461-1111

ENDORSEMENTS	
SIGNATURE	DATE
DR: MF	9-24-98
CK: _____	_____
DSGN: _____	_____
CK: _____	_____
DATE	_____

CITY OF SEATTLE
CITY LIGHT DEPARTMENT
 APPROVED FOR CITY LIGHT DEPARTMENT

CONTROL BUILDING ADDITION EAST PINE SUBSTATION		SHEET 5 OF 12
BUILDING SECTIONS		CLASS: A-4
		DRAWING NO. D-34204
		SCALE: AS NOTED
		REV. NO. 1

DATE: 04/07/00 TIME: 11:56am PATH: C:\WINDOWS\TEMP\1007...

REV	DATE	BY	DESCRIPTION
1	6/17/99	MF	ADD WINDOW OPENINGS FOR COLU PENET.
2	2/15/00	MF	ADD WINDOW OPENINGS AND REINFORCEMENT.

SPECIFICATION NUMBER: 3342
 APPROVED FOR ADVERTISING
 DWIGHT DIVELY
 EXECUTIVE SERVICES DIRECTOR
 SEATTLE, WASHINGTON

BY: _____
 CONTRACTING MANAGER

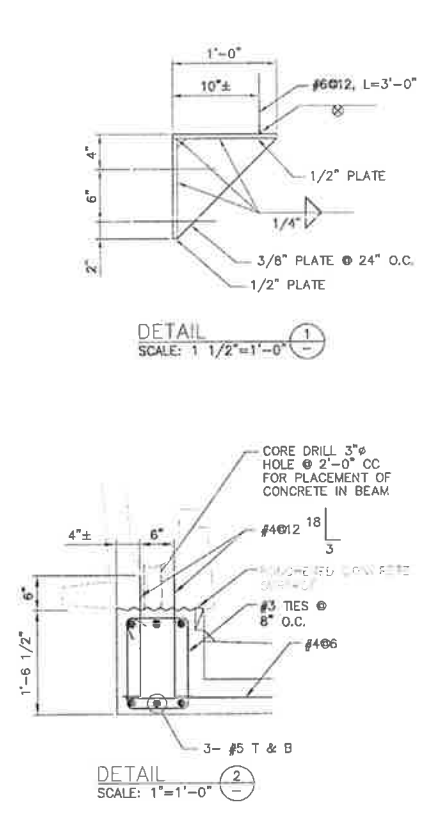
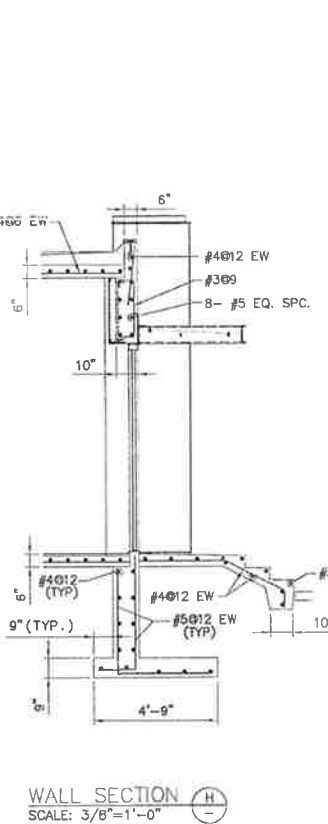
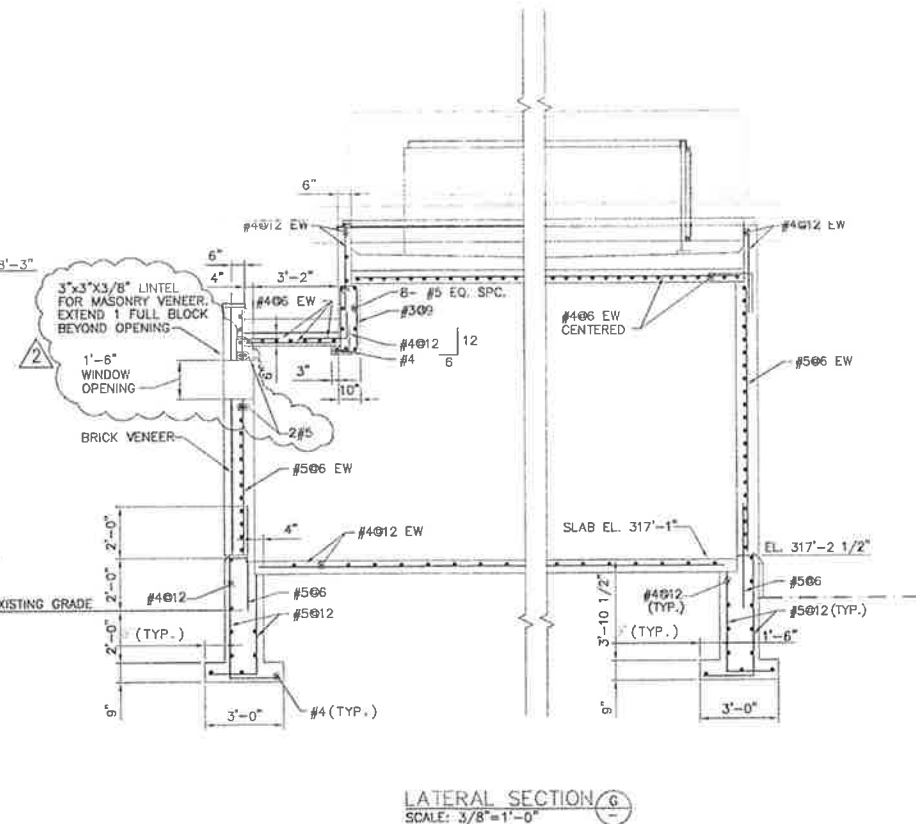
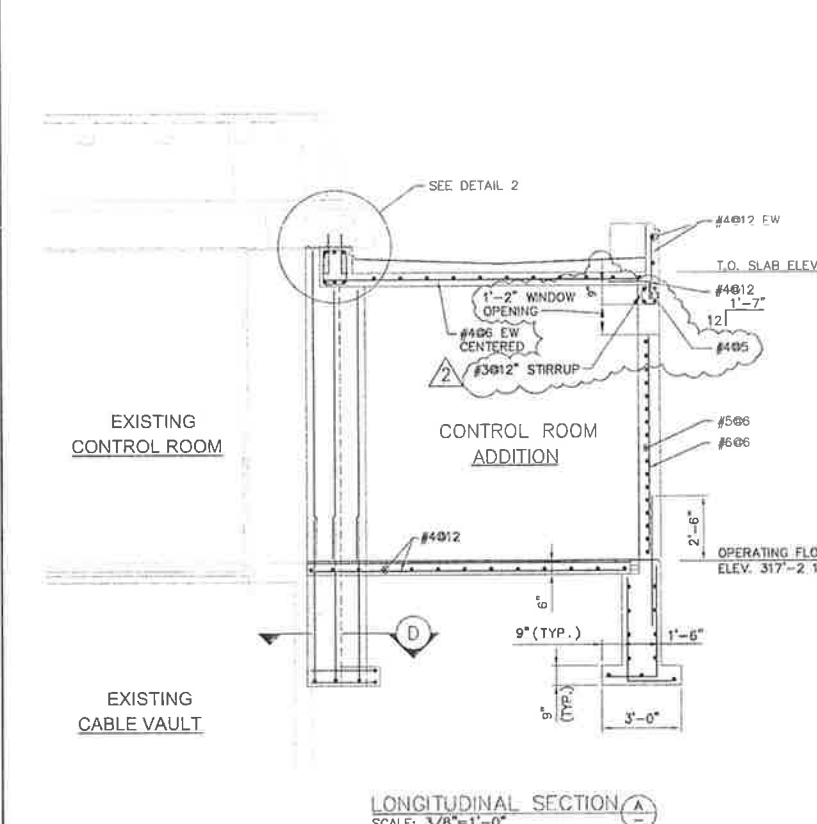
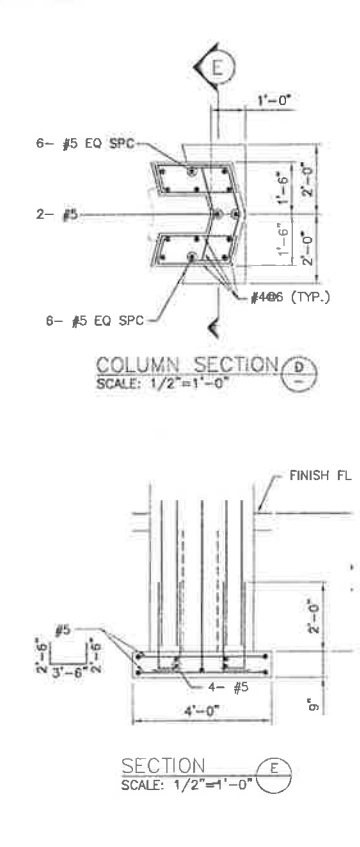
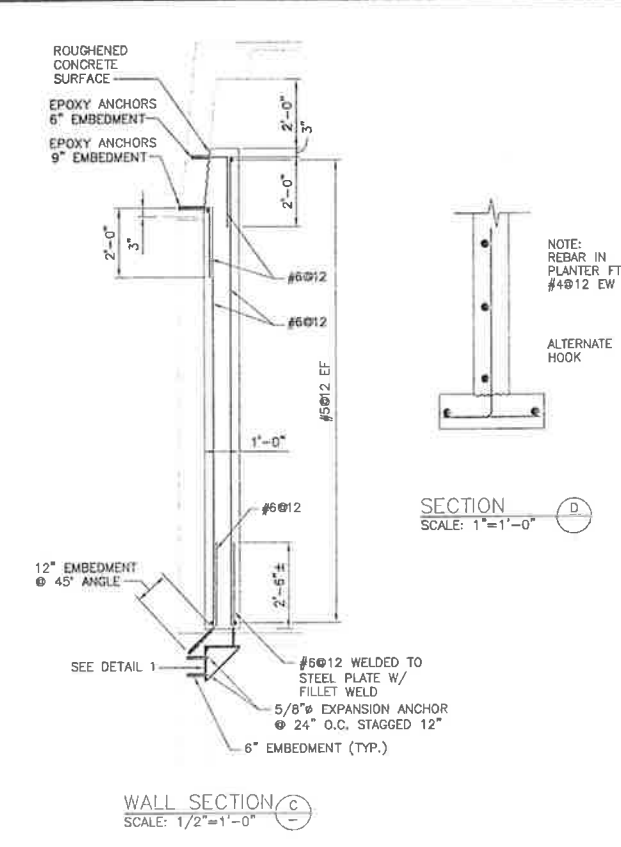
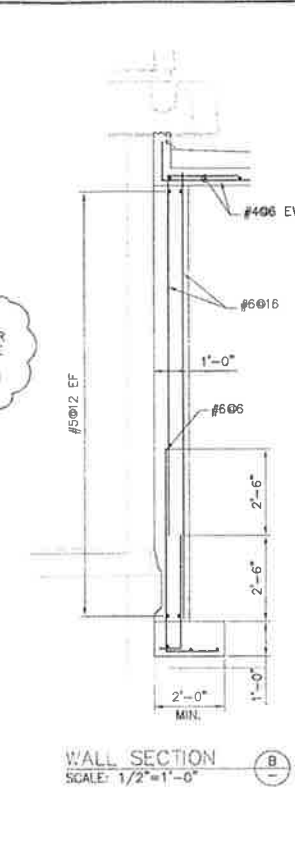
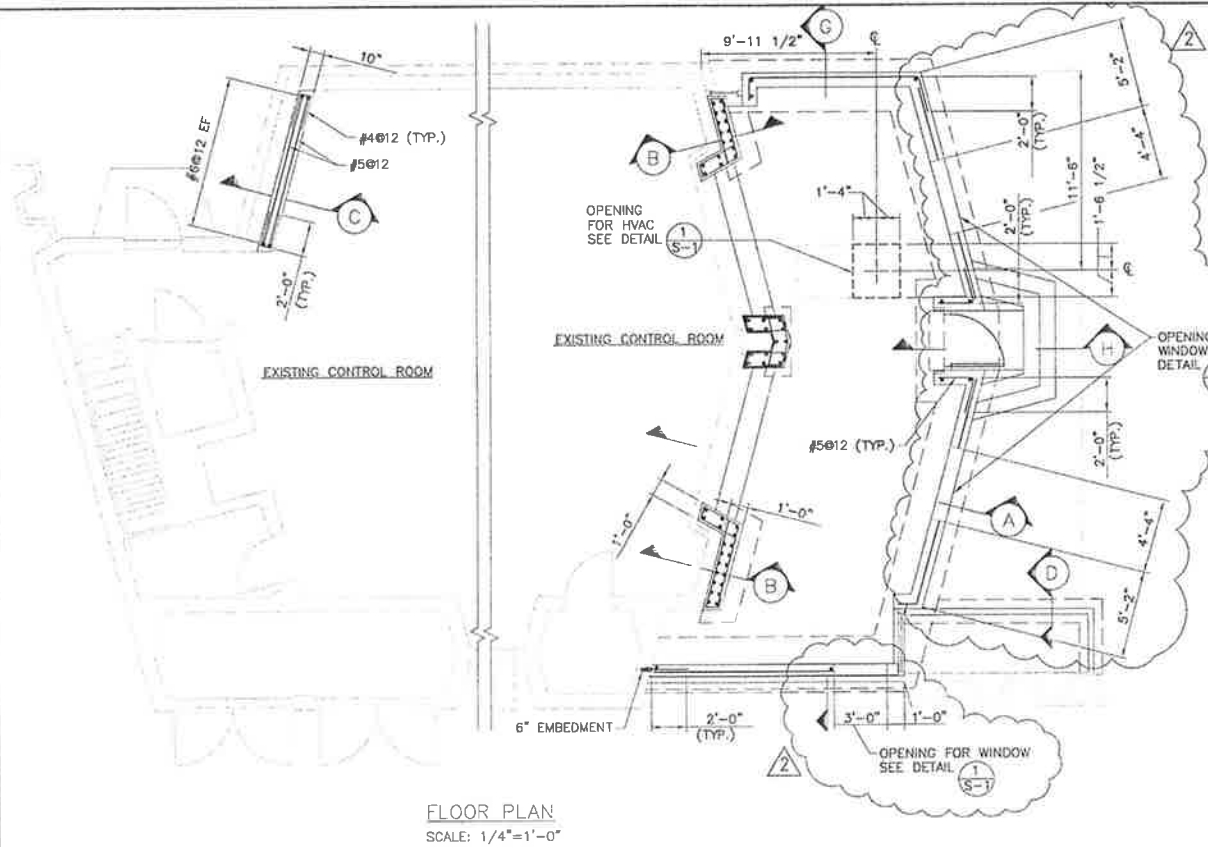


HDR
 HDR Engineering, Inc.

ENDORSEMENTS
 SIGNATURE DATE
 DR - CJA 02-09-00
 CITY OF SEATTLE
 CITY LIGHT DEPARTMENT
 APPROVED FOR CITY LIGHT DEPARTMENT
 DATE

**EAST PINE SUBSTATION
 CONTROL BUILDING ADDITION
 STRUCTURAL
 PLAN AND DETAILS**

SHEET 8 OF 12
 CLASS S-2
 DRAWING NO. D34207
 SCALE AS NOTED
 REV. NO. 2



EAST PINE SUBSTATION

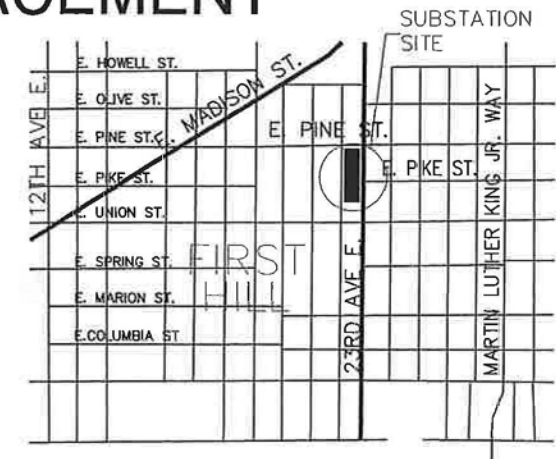
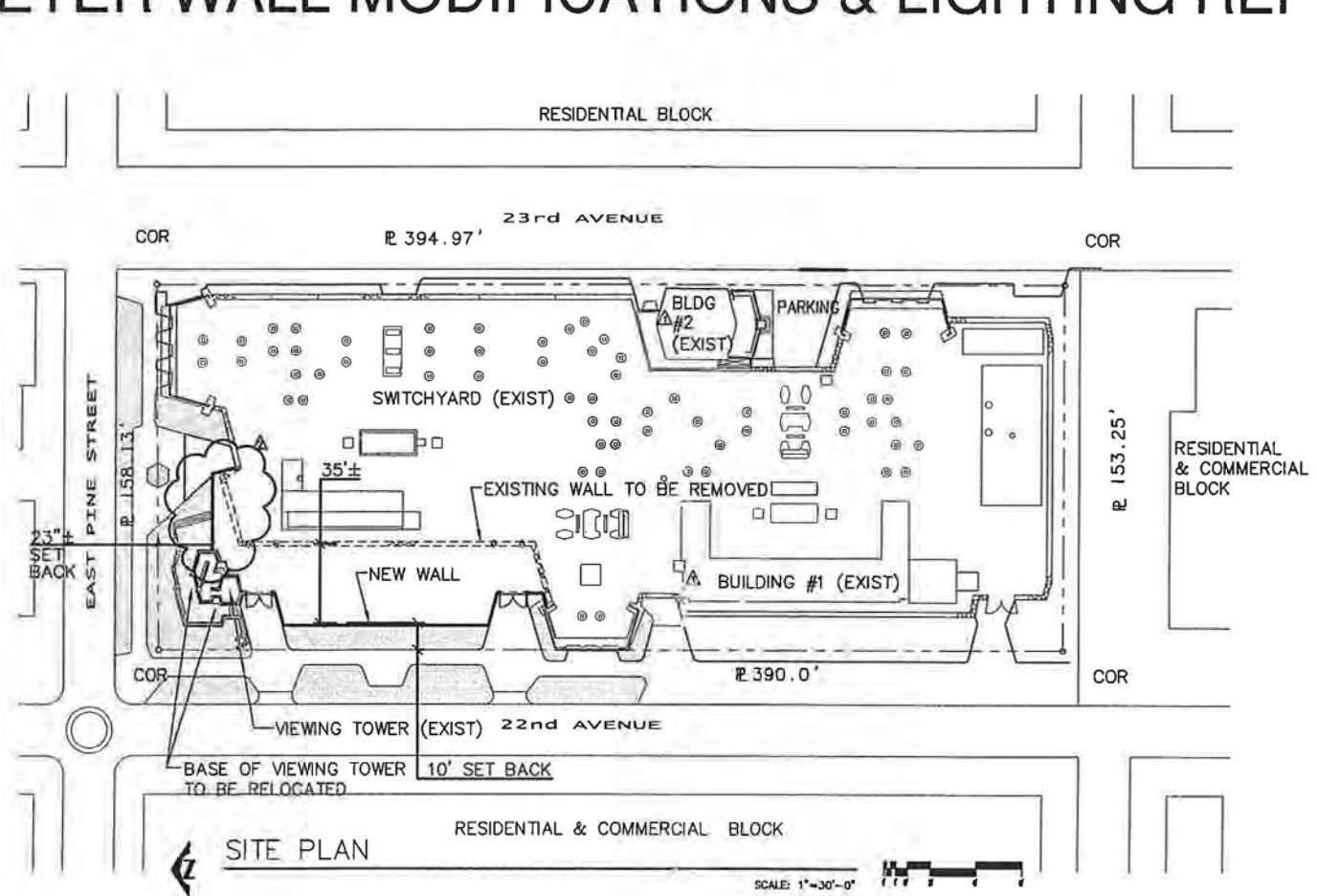
PERIMETER WALL MODIFICATIONS & LIGHTING REPLACEMENT

OWNER:

SEATTLE CITY LIGHT
 700 FIFTH AVENUE, SUITE 3300, ROOM 3008
 SEATTLE, WA 98104-5031
 NEAL KNAPPER, PROJECT MANAGER
 (206) 684-3606 PH
 (206) 233-2532 FAX

ENGINEER/ARCHITECT:

HDR ENGINEERING INC.
 500 108th AVENUE NE, SUITE 1200
 BELLEVUE, WA 98004-5538
 (425) 453-1523 ph
 (425) 453-7107 fax
 MIKE BLANCHETTE, P.E., PROJECT MANAGER



VICINITY MAP ADDRESS
 NOT TO SCALE 1555 23rd. AVE. SEATTLE

DRAWING INDEX

G-1	SITE PLAN & VICINITY MAP, INDEX, GENERAL NOTES, LEGAL DESCRIPTION & TERMS
C-1	SITE PLAN
C-2	PAVING PLAN
A-1	DEMOLITION PLAN
A-2	NEW PERIMETER WALL PLAN
A-3	ELEVATIONS AND SECTIONS
A-4	ARCHITECTURAL DETAILS
S-1	STRUCTURAL SECTIONS AND DETAILS
S-2	STRUCTURAL NOTES
E-1	ELECTRICAL: SITE LIGHTING PLAN
E-2	ELECTRICAL: PANEL BOARD SCHEDULES
E-3	ELECTRICAL: ELECTRICAL DETAILS
L-1	PLANTING PLAN & DETAILS
L-2	IRRIGATION PLAN & DETAILS

REFERENCE DRAWINGS:

D-22167	AC STATION SVC. CONNECTION DIAGRAM - PANELS 18, 19 & 20
D-22230	GENERAL ARRANGEMENT - ELECTRICAL
D-22231	PIPE CABLE TERMINATIONS 115KV & 230KV
D-22232	SWITCHYARD GROUNDING PLAN
D-22234	26KV DUCT RUN PLAN
D-22235	SWITCHYARD CONTROL DUCT AND CONDUIT PLAN
D-22254	LANDSCAPE PLAN - SHRUBBERY
D-22263	EXISTING PLOT PLAN
D-22265	PLOT PLAN PRECAST SUPPORT STRUCTURES
D-22266	LANDSCAPE PLAN - SPRINKLER PIPING & HOSE BIBBS DETAILS
D-22267	YARD WALL ELEVATIONS AND DETAILS
D-22268	YARD WALL PLAN - PLAN DETAILS
D-22272	CHILDREN'S VIEWING TOWER PLAN, ELEVATIONS AND DETAILS
D-22273	YARD LIGHTING PLAN ELECTRICAL DIAGRAMS
D-22275	FOUNDATION PLAN AND DETAILS
D-22849	YARD LIGHTING DETAILS
D-24498	EAST PINE ST. RECEIVING SUBSTATION
D-25615	26KV DIRECT BURIAL BUS TIE CABLE BUS SECTIONS "C" & "D"
D-26888	SWITCHYARD AND EQUIPMENT DRAINAGE PLAN - 1975 ADDITION

GENERAL NOTES

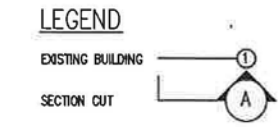
- ALL WORK SHALL BE DONE IN CONFORMANCE WITH CURRENT CITY OF SEATTLE ADOPTED VERSIONS OF THE UNIFORM BUILDING CODE (UBC), UNIFORM PLUMBING CODE (UPC), NATIONAL ELECTRIC CODE (NEC), WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (WISHA), AND APPLICABLE CITY OF SEATTLE AND WASHINGTON STATE CODES AND ORDINANCES.
- COPIES OF THE ORIGINAL DRAWINGS FOR THE SUBSTATION ARE AVAILABLE FOR REVIEW AND REPRODUCTIONS FROM HDR ENGINEERING, INC. CONTACT NEAL KNAPPER, PROJECT MANAGER, AT 206-684-3606.
- WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
- ALL DIMENSIONS ON DRAWINGS ARE TO THE FACE OF NEW WALLS, THE FACE OF EXISTING WALLS, AND CENTERLINE OF DOOR OPENINGS UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, ETC. PERTAINING TO THE WORK BEFORE PROCEEDING. THE ENGINEER MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND/OR CONDITIONS SHOWN ON THESE DRAWINGS. ANY SUCH VARIATION SHALL BE RESOLVED BY THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK, OR THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR COST TO RECTIFY SAME.
- CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE REMOVAL OF ITEMS NOTED FOR DEMOLITION AND THEIR LAWFUL DISPOSAL. ALL ASBESTOS AND LEAD CONTAMINATED MATERIALS TO BE REMOVED BY OWNER'S CONSULTANTS.
- EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE JOINING OF HIS WORK TO THE WORK OF OTHER TRADES. GENERAL CONTRACTOR SHALL COORDINATE ALL SUBCONTRACTORS' WORK. DISCREPANCIES ON DRAWINGS OR IN SPECIFICATIONS, IF ANY, SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY UPON DISCOVERY OR BEFORE PROCEEDING WITH THE WORK, OR ACCEPT FULL RESPONSIBILITY FOR COSTS TO RECTIFY THE SAME.
- REPETITIVE FEATURES NOT NOTED ON THE DRAWINGS SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, BUT ARE SIMILAR IN CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED. SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER. REFER TO ARCHITECTURAL DRAWINGS FOR OPENINGS, ARCHITECTURAL REQUIREMENTS AND DIMENSIONS.
- ARCHITECTURAL BACKGROUND PLANS ON STRUCTURAL, MECHANICAL AND ELECTRICAL ARE FOR THE PURPOSE OF ILLUSTRATING GENERAL PLAN CONFIGURATION. SUCH BACKGROUNDS SHALL NOT BE USED FOR PORTIONS OF THE WORK OTHER THAN THAT PERTAINING TO THE TITLE OF EACH SHEET. REFER TO THE APPROPRIATE SHEET FOR EACH SPECIFIC PORTION OF THE WORK.
- THE GENERAL CONTRACTOR SHALL PROVIDE CONCRETE PADS AND BASES AND BLOCKING FOR MECHANICAL AND ELECTRICAL EQUIPMENT; VERIFY LOCATIONS AND SIZES OF OPENINGS REQUIRED BY OTHER TRADES; FURNISH SAME COMPLETE WITH BUCKS AND REQUIRED LINTELS; AND VERIFY LOCATION AND SIZE OF CURBS, ANCHORS, INSERTS AND MACHINE BASES WITH THE APPROPRIATE SUBCONTRACTORS AND/OR CONTRACTORS.
- NOTIFY THE OWNER IN WRITING TWO WEEKS IN ADVANCE OF ANY ANTICIPATED UTILITY INTERRUPTIONS OR NECESSITY FOR ANY SIDEWALK OR STREET CLOSURES. COORDINATE ISSUES AFFECTING ON-GOING SEATTLE CITY LIGHT OPERATIONS WITH PROJECT MANAGER OR WITH DESIGNATED SEATTLE CITY LIGHT REPRESENTATIVE.
- ACTUAL CONSTRUCTION DIMENSIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY.
- CONTRACTOR IS RESPONSIBLE DURING THE SELECTIVE DEMOLITION AND CONSTRUCTION FOR PROVIDING PROTECTION AS NECESSARY TO PRESERVE AND MAINTAIN THE BUILDING AND ITS SYSTEMS, AND TO ASSURE THE SAFETY OF THE PUBLIC.
- CONTRACTOR IS TO CONFINE OPERATIONS AND STORAGE TO THE WORK AREAS INDICATED ON THE DRAWINGS. KEEP THE WORK AREAS AND BUILDING CLEAN AND ORDERLY. PROVIDE NECESSARY SIGNAGE, BARRICADES, FENCING AND LIGHTING AS REQUIRED TO RESTRICT ACCESS TO SITE. CALL UNDERGROUND UTILITY LOCATE SERVICE AT TELEPHONE NUMBER 1-800-424-555 A MINIMUM 2 DAYS PRIOR TO EXCAVATION.
- ELECTRICAL POWER LINES (26KV FEEDERS) ARE BURIED SHALLOW REFER TO SCL DWGS FOR DEPTH OF ALL UNDERGROUND UTILITIES.

LEGAL DESCRIPTION

LOTS 1 TO 6 INCLUSIVE AND THE NORTH HALF OF LOT 7, ALL IN BLOCK 8, RENTON HILL, AN ADDITION TO THE CITY OF SEATTLE, ACCORDING TO THE PLAT RECORDED IN VOLUME 8 OF PLATS, PAGE 68, RECORDS OF KING COUNTY, WASHINGTON.

ZONING: R

SETBACK REQUIREMENTS: NO SETBACK REQUIRED UNLESS FRONT YARD OF ABUTTING RESIDENTIALLY ZONED LOT FACES THE STREET.



REV	DATE	BY	APP	DESCRIPTION

APPROVED FOR SOLICITATION
 KENNETH J. NAKATSU
 DEPARTMENT OF EXECUTIVE ADMINISTRATION
 SEATTLE, WASHINGTON

BY: _____
 DIRECTOR, CONTRACTING SERVICES

ENDORSEMENTS

SIGNATURE	DATE
DR: BDK	11/18/02
CK:	
DSGN: MPB	11/18/02
CK:	

CITY OF SEATTLE
CITY LIGHT DEPARTMENT

APPROVED FOR CITY LIGHT DEPARTMENT

DATE

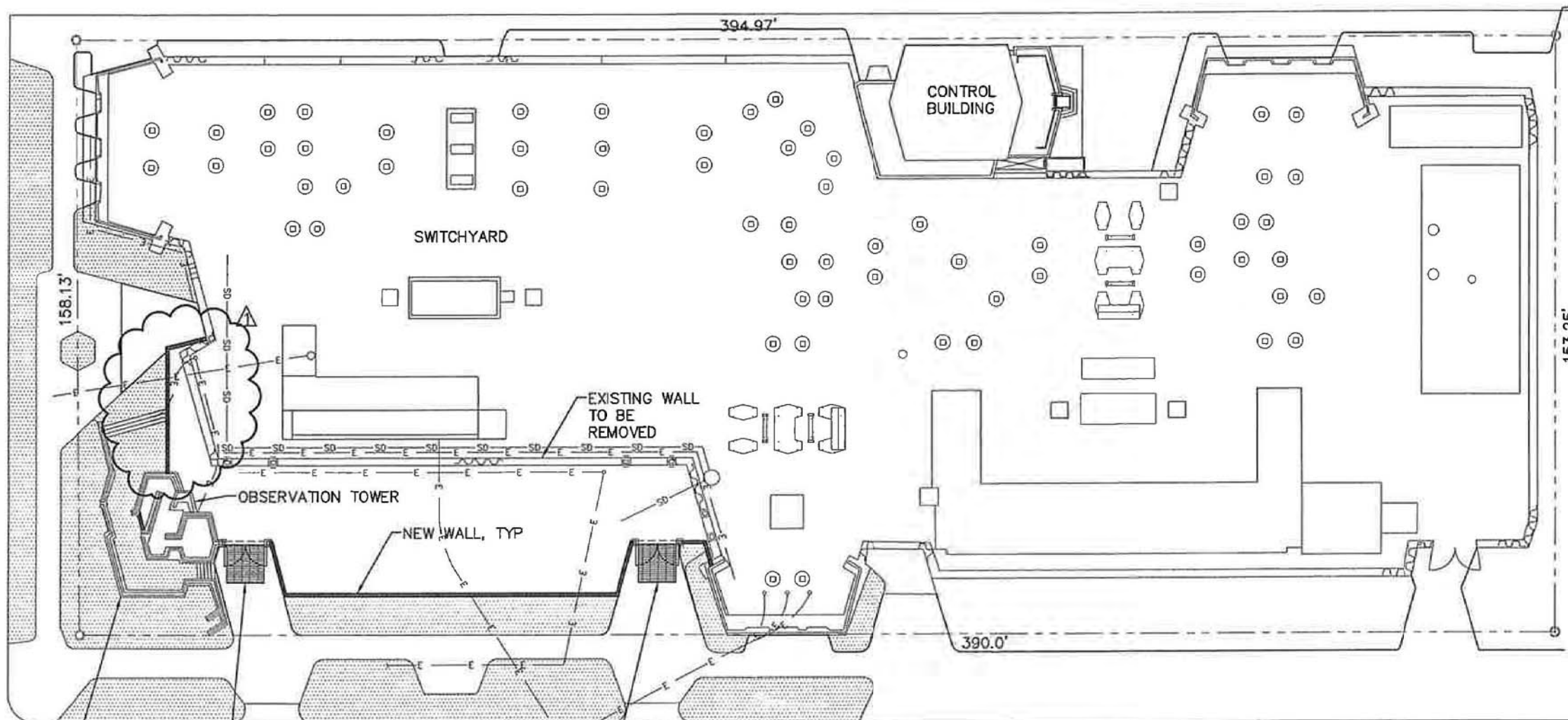
HR
 HDR Engineering, Inc.

PHYSICAL PLANT		SHEET 1 OF 14
EAST PINE RECEIVING STATION		CLASS. G-1
SITE PLAN & VICINITY MAP INDEX, GENERAL NOTES, LEGAL DESCRIPTION, & TERMS		DRAWING NO. D-34215
SCALE	REV. NO.	AS SHOWN 0

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23rd AVENUE

EAST PINE STREET



BASE OF TOWER TO BE REMOVED

GROUND MAT, SEE NOTE 1

GROUND MAT, SEE NOTE 1

22nd AVENUE

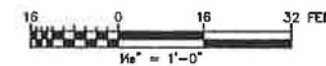
RESIDENTIAL & COMMERCIAL BLOCK

LEGEND

- SD—SD— EXISTING STORM DRAIN
- E—E— EXISTING ELECTRICAL

NOTES:

1. CONTRACTOR SHALL EXCAVATE FOR 10'x10'x18" DEEP GROUND MAT TO BE INSTALLED BY OWNER. CONTRACTOR TO BACKFILL TO SUBGRADE AFTER GROUND MAT IS INSTALLED.



NOTE: THIS DRAWING WAS CREATED FROM A SCANNED IMAGE.

← SITE PLAN

P:\PROJ\06430\07\08-01-2002_WALL_RELOCAT File: C-1 Plot date: Apr 02, 2003-11:57:07am CAD User: agundy. XEP:Site | Dwh-wo |

SPECIFICATION NUMBERS: 3437 & 3438
APPROVED FOR SOLICITATION

ENDORSEMENTS
SIGNATURE DATE
DR :BDK 11-27-02

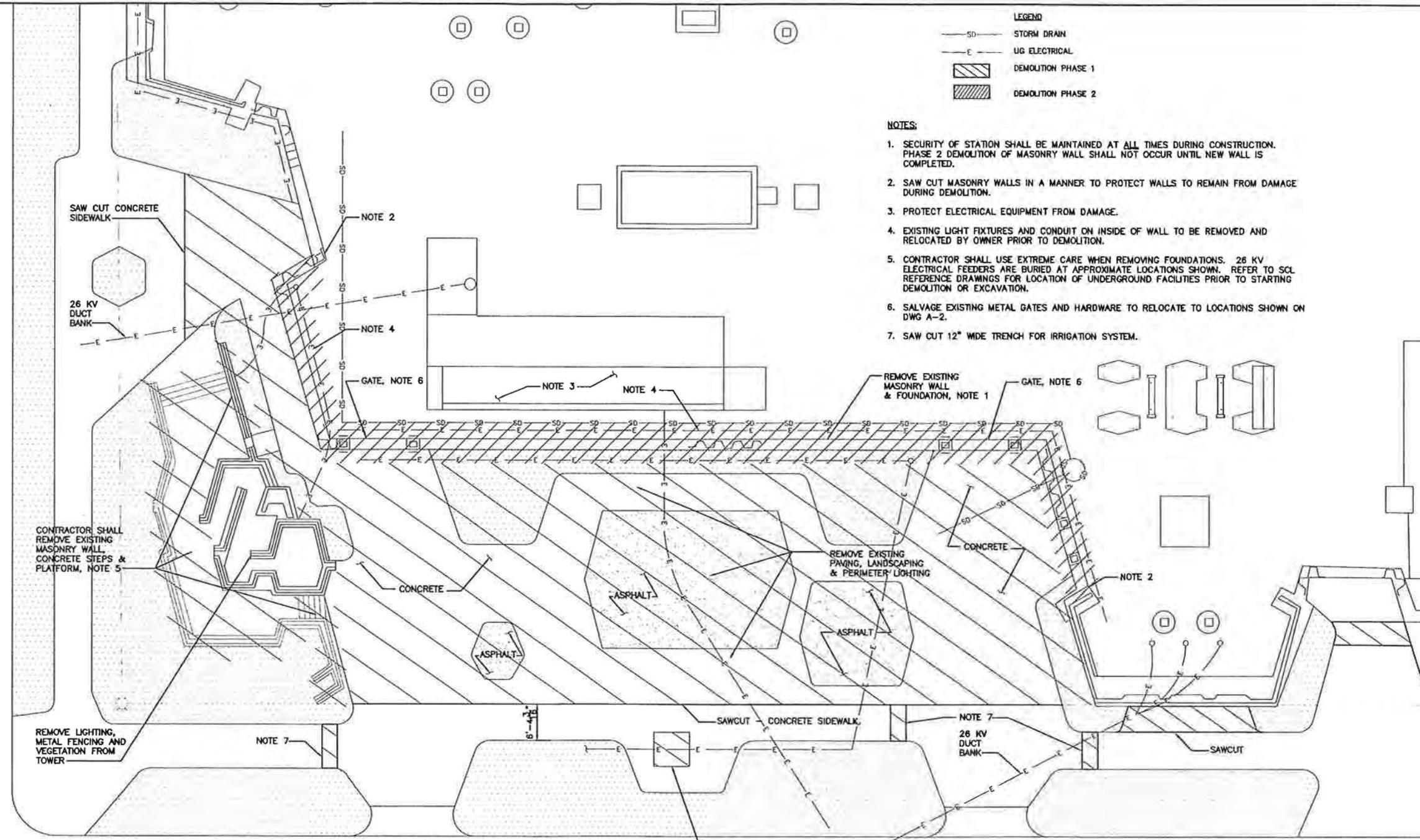
CITY OF SEATTLE
CITY LIGHT DEPARTMENT

PHYSICAL PLANT
EAST PINE RECEIVING STATION

SHEET 2 OF 13
CLASS. C-1

ENTIAL &
RICAL
CK

EAST PINE STREET



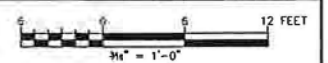
LEGEND

SD	STORM DRAIN
E	UG ELECTRICAL
[Diagonal Hatching]	DEMOLITION PHASE 1
[Cross-hatching]	DEMOLITION PHASE 2

- NOTES:**
- SECURITY OF STATION SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. PHASE 2 DEMOLITION OF MASONRY WALL SHALL NOT OCCUR UNTIL NEW WALL IS COMPLETED.
 - SAW CUT MASONRY WALLS IN A MANNER TO PROTECT WALLS TO REMAIN FROM DAMAGE DURING DEMOLITION.
 - PROTECT ELECTRICAL EQUIPMENT FROM DAMAGE.
 - EXISTING LIGHT FIXTURES AND CONDUIT ON INSIDE OF WALL TO BE REMOVED AND RELOCATED BY OWNER PRIOR TO DEMOLITION.
 - CONTRACTOR SHALL USE EXTREME CARE WHEN REMOVING FOUNDATIONS. 26 KV ELECTRICAL FEEDERS ARE BURIED AT APPROXIMATE LOCATIONS SHOWN. REFER TO SCL REFERENCE DRAWINGS FOR LOCATION OF UNDERGROUND FACILITIES PRIOR TO STARTING DEMOLITION OR EXCAVATION.
 - SALVAGE EXISTING METAL GATES AND HARDWARE TO RELOCATE TO LOCATIONS SHOWN ON DWG A-2.
 - SAW CUT 12" WIDE TRENCH FOR IRRIGATION SYSTEM.

22nd AVENUE

DEMOLITION PLAN



NOTE: THIS DRAWING WAS CREATED FROM A SCANNED IMAGE.

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REVISIONS		SPECIFICATION NUMBERS: 3437 & 3438	
REV	DATE	BY	DESCRIPTION

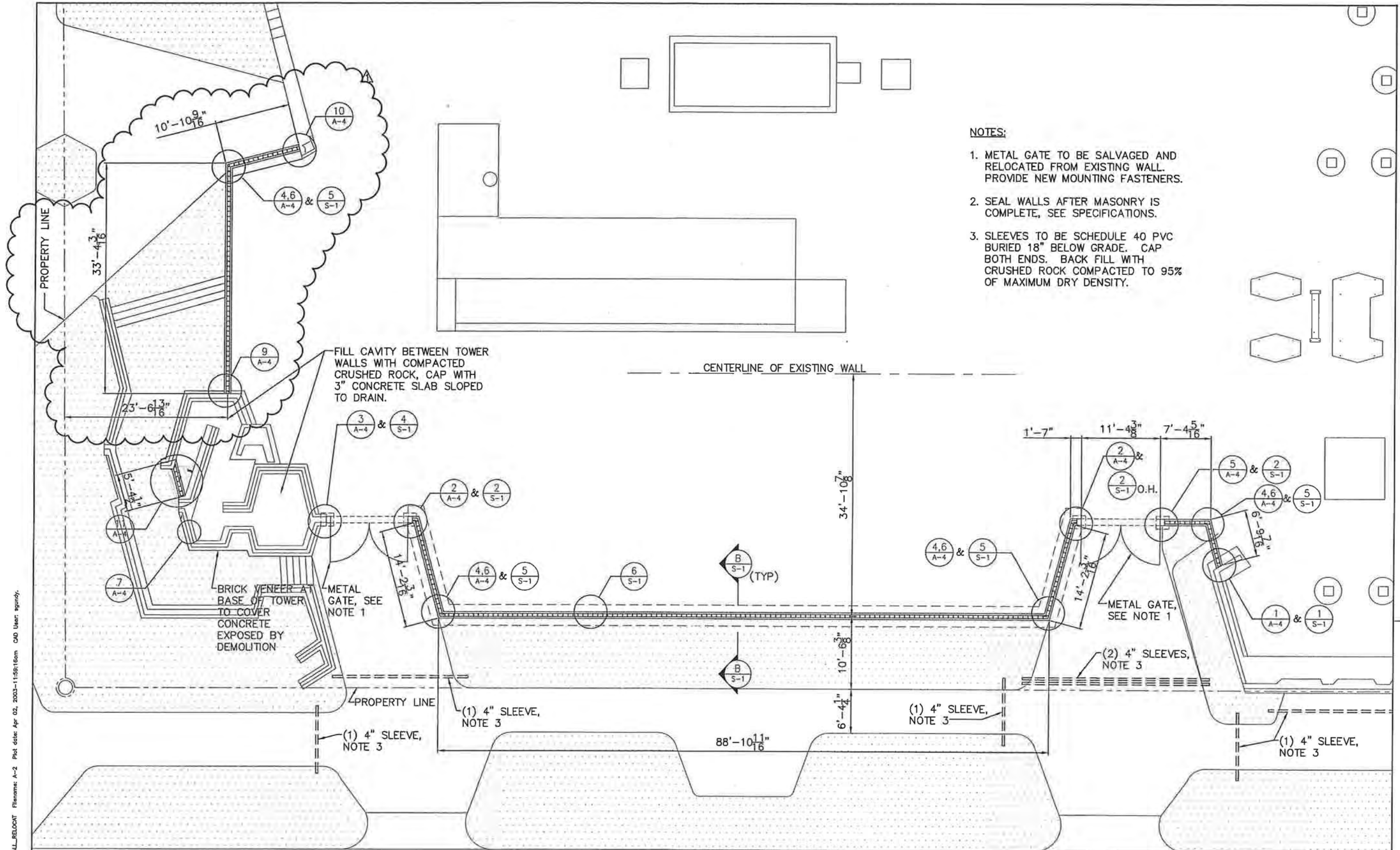
APPROVED FOR SOLICITATION
 KENNETH J. NAKATSU
 DEPARTMENT OF EXECUTIVE ADMINISTRATION
 SEATTLE, WASHINGTON 98101

BY: _____
 DIRECTOR, CONTRACTING SERVICES

ENDORSEMENTS SIGNATURE DATE DR - BOK 11-27-02 CK - DSGN-DH 11-27-02 DR - MPB 11-27-02		CITY OF SEATTLE CITY LIGHT DEPARTMENT APPROVED FOR CITY LIGHT DEPARTMENT DATE
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PHYSICAL PLANT EAST PINE RECEIVING STATION DEMOLITION PLAN	
--	--

SHEET 4 OF 13
CLASS A-1
DRAWING NO. D-34218
SCALE 3/16"=1'-0"
REV. NO. 0



- NOTES:**
1. METAL GATE TO BE SALVAGED AND RELOCATED FROM EXISTING WALL. PROVIDE NEW MOUNTING FASTENERS.
 2. SEAL WALLS AFTER MASONRY IS COMPLETE, SEE SPECIFICATIONS.
 3. SLEEVES TO BE SCHEDULE 40 PVC BURIED 18" BELOW GRADE. CAP BOTH ENDS. BACK FILL WITH CRUSHED ROCK COMPACTED TO 95% OF MAXIMUM DRY DENSITY.

← PERIMETER WALL PLAN



NOTE: THIS DRAWING WAS CREATED FROM A SCANNED IMAGE.

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REV	DATE	BY	DESCRIPTION
1	3-31-03	MPB	REVISE NORTH WALL

SPECIFICATION NUMBERS: 3437 & 3438
 APPROVED FOR SOLICITATION
 KENNETH J. NAKATSU
 DEPARTMENT OF EXECUTIVE ADMINISTRATION
 SEATTLE, WASHINGTON 98...
 BY: _____
 DIRECTOR, CONTRACTING SERVICES

ENDORSEMENTS
 SIGNATURE DATE
 DR : BOK 11-27-02
 CK :
 DSGN:DH 11-27-02
 OK :MPB 11-27-02

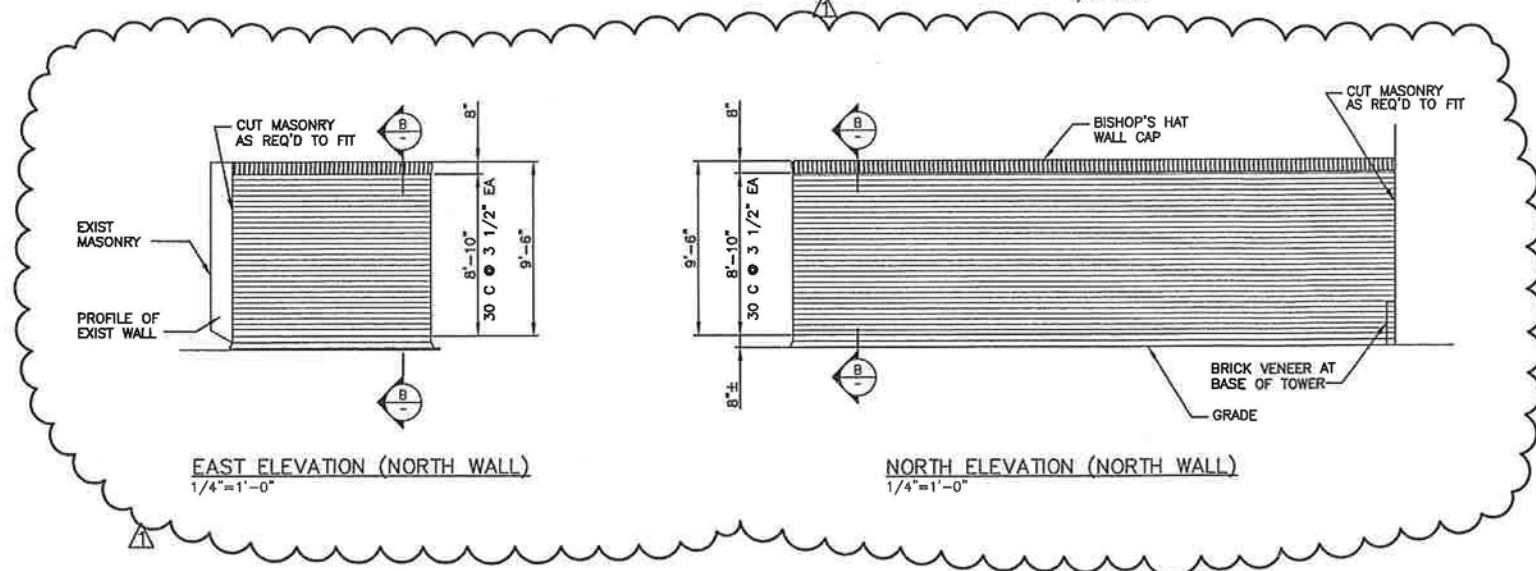
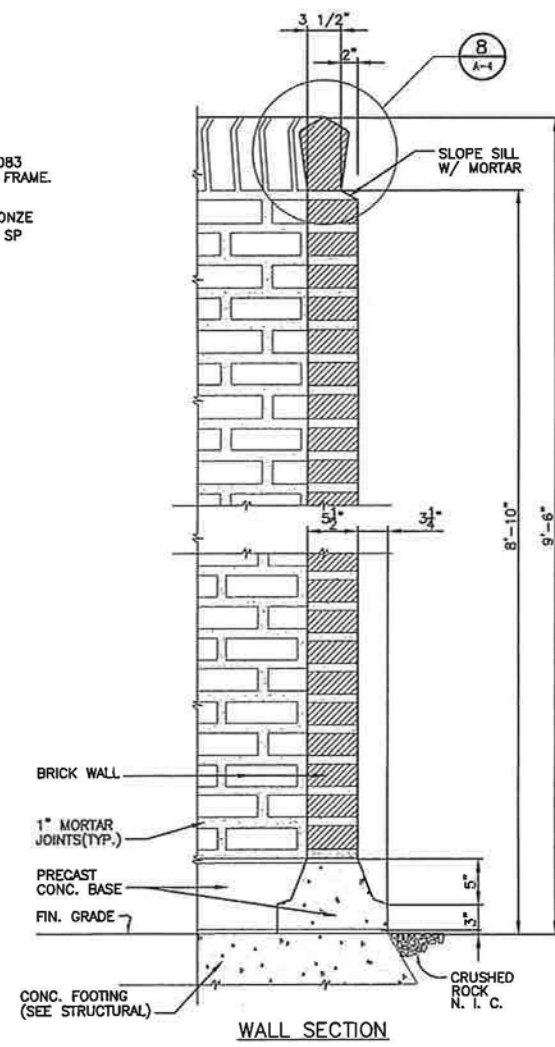
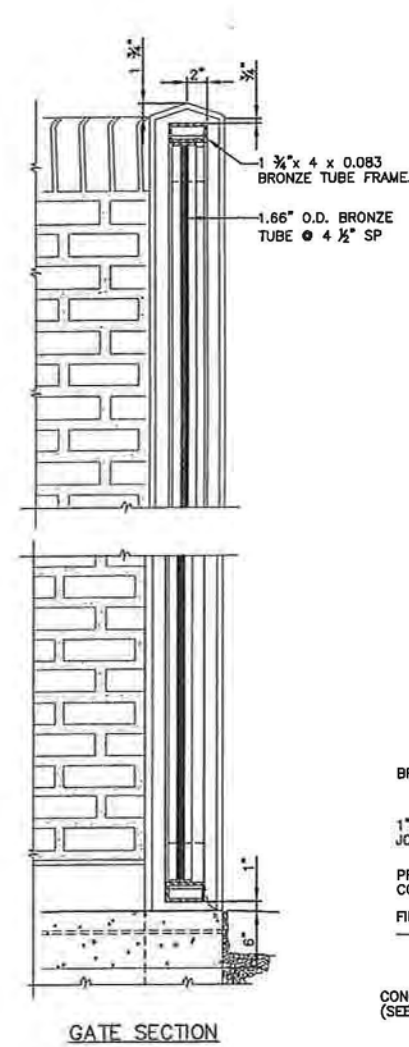
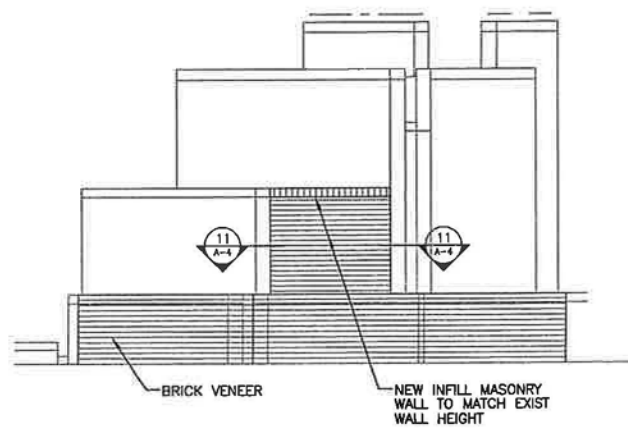
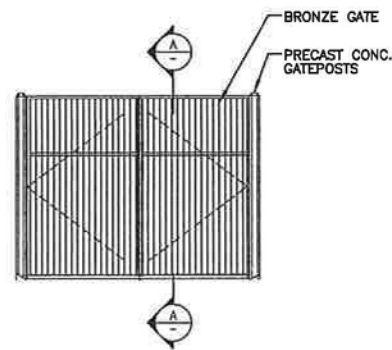
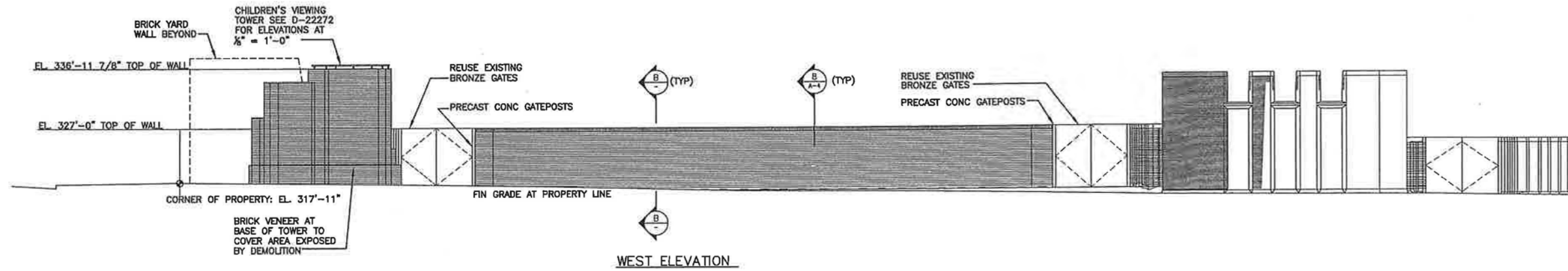
CITY OF SEATTLE
CITY LIGHT DEPARTMENT
 APPROVED FOR CITY LIGHT DEPARTMENT
 DATE

2853 REGISTERED ARCHITECT
 STATE OF WASHINGTON
 4/2/05

CITY OF SEATTLE	
CITY LIGHT DEPARTMENT	
APPROVED FOR CITY LIGHT DEPARTMENT	
DATE	

PHYSICAL PLANT	
EAST PINE RECEIVING STATION	
NEW PERIMETER WALL PLAN	

SHEET 5 OF 13
CLASS. A-2
DRAWING NO. D-34219
SCALE 3/16"=1'-0"
REV. NO. 1



SECTION A
SCALE: 1 1/2" = 1'-0"

SECTION B
SCALE: 1 1/2" = 1'-0"

WALL DETAILS

NOTE: SEE STRUCTURAL DWG. FOR REINFORCMENT NOT SHOWN IN DETAILS.

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REV	DATE	BY	APP	DESCRIPTION
1	3-3-03	MPB		REVISE NORTH WALL

SPECIFICATION NUMBERS: 3437 & 3438
 APPROVED FOR SOLICITATION
 KENNETH J. NAKATSU
 DEPARTMENT OF EXECUTIVE ADMINISTRATION
 SEATTLE, WASHINGTON 98101
 BY: _____
 DIRECTOR, CONTRACTING SERVICES

2853 REGISTERED
 ARCHITECT
 STATE OF WASHINGTON
 1/2/03

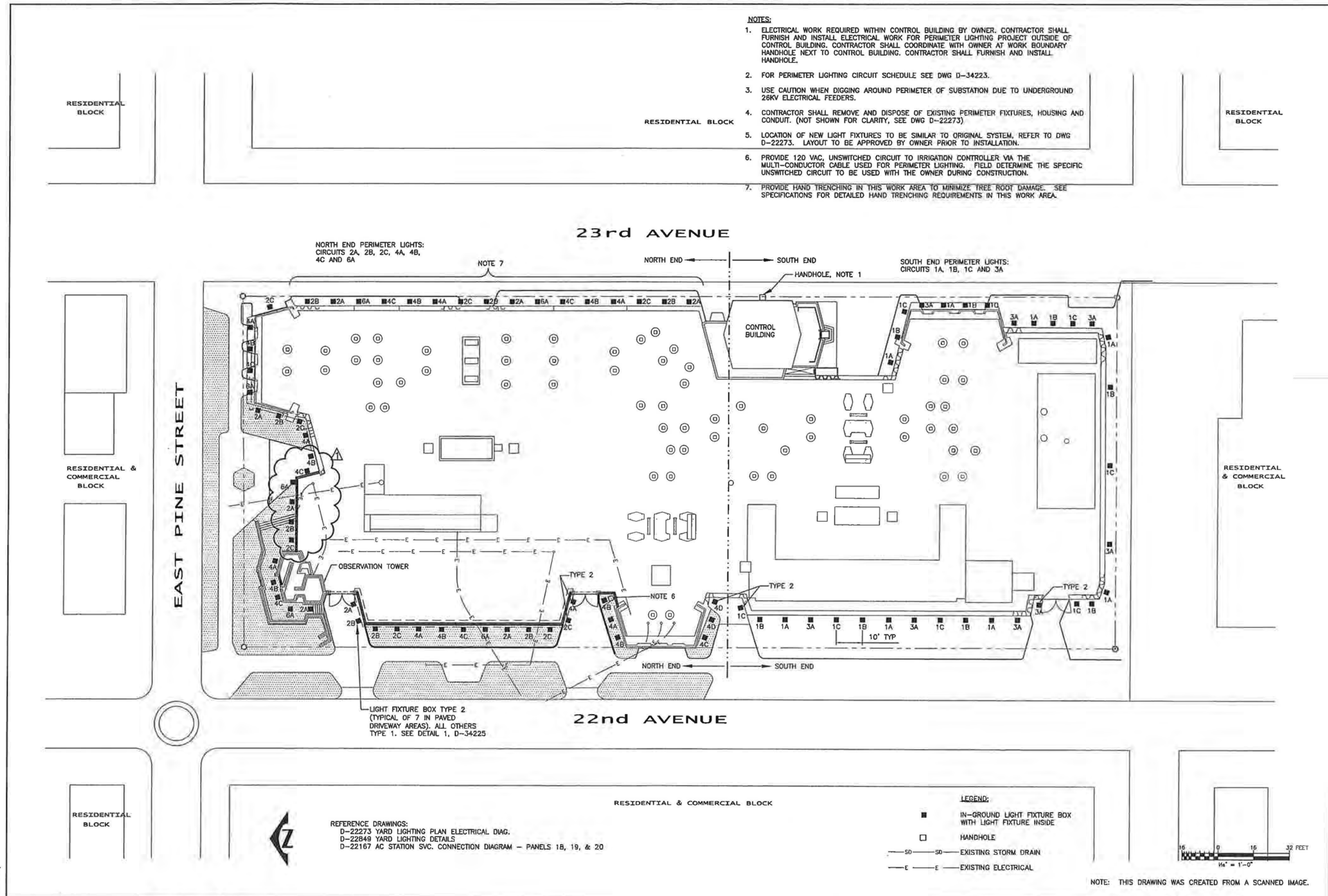
ENDORSEMENTS		CITY OF SEATTLE CITY LIGHT DEPARTMENT	
SIGNATURE	DATE		
DR : AJMK	11-27-02		
CK :			
DSGN:DH	11-27-02	APPROVED FOR CITY LIGHT DEPARTMENT	
CK : MPB	11-27-02		
		DATE	

PHYSICAL PLANT
 EAST PINE RECEIVING STATION
 ELEVATIONS AND SECTIONS

SHEET	8	OF	13
CLASS.	A-3		
DRAWING NO.	D-34220		
SCALE	AS SHOWN		
REV. NO.	0		

NOTES:

1. ELECTRICAL WORK REQUIRED WITHIN CONTROL BUILDING BY OWNER. CONTRACTOR SHALL FURNISH AND INSTALL ELECTRICAL WORK FOR PERIMETER LIGHTING PROJECT OUTSIDE OF CONTROL BUILDING. CONTRACTOR SHALL COORDINATE WITH OWNER AT WORK BOUNDARY HANDHOLE NEXT TO CONTROL BUILDING. CONTRACTOR SHALL FURNISH AND INSTALL HANDHOLE.
2. FOR PERIMETER LIGHTING CIRCUIT SCHEDULE SEE DWG D-34223.
3. USE CAUTION WHEN DIGGING AROUND PERIMETER OF SUBSTATION DUE TO UNDERGROUND 26KV ELECTRICAL FEEDERS.
4. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING PERIMETER FIXTURES, HOUSING AND CONDUIT. (NOT SHOWN FOR CLARITY, SEE DWG D-22273)
5. LOCATION OF NEW LIGHT FIXTURES TO BE SIMILAR TO ORIGINAL SYSTEM, REFER TO DWG D-22273. LAYOUT TO BE APPROVED BY OWNER PRIOR TO INSTALLATION.
6. PROVIDE 120 VAC, UNSWITCHED CIRCUIT TO IRRIGATION CONTROLLER VIA THE MULTI-CONDUCTOR CABLE USED FOR PERIMETER LIGHTING. FIELD DETERMINE THE SPECIFIC UNSWITCHED CIRCUIT TO BE USED WITH THE OWNER DURING CONSTRUCTION.
7. PROVIDE HAND TRENCHING IN THIS WORK AREA TO MINIMIZE TREE ROOT DAMAGE. SEE SPECIFICATIONS FOR DETAILED HAND TRENCHING REQUIREMENTS IN THIS WORK AREA.



NORTH END PERIMETER LIGHTS:
CIRCUITS 2A, 2B, 2C, 4A, 4B,
4C AND 6A

SOUTH END PERIMETER LIGHTS:
CIRCUITS 1A, 1B, 1C AND 3A

23rd AVENUE

22nd AVENUE

EAST PINE STREET

LIGHT FIXTURE BOX TYPE 2
(TYPICAL OF 7 IN PAVED
DRIVEWAY AREAS). ALL OTHERS
TYPE 1. SEE DETAIL 1, D-34225

REFERENCE DRAWINGS:
D-22273 YARD LIGHTING PLAN ELECTRICAL DIAG.
D-22849 YARD LIGHTING DETAILS
D-22167 AC STATION SVC. CONNECTION DIAGRAM - PANELS 18, 19, & 20

LEGEND:
 ■ IN-GROUND LIGHT FIXTURE BOX WITH LIGHT FIXTURE INSIDE
 □ HANDHOLE
 -SD-SD- EXISTING STORM DRAIN
 -E-E- EXISTING ELECTRICAL



NOTE: THIS DRAWING WAS CREATED FROM A SCANNED IMAGE.

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REV.	DATE	BY	DESCRIPTION
1	3-31-03	MPB	REVISE NORTH WALL

SPECIFICATION NUMBERS: 3437 & 3438
 APPROVED FOR SOLICITATION
 KENNETH J. HAKATSU
 DEPARTMENT OF EXECUTIVE ADMINISTRATION
 SEATTLE, WASHINGTON 98101
 BY: _____
 DIRECTOR, CONTRACTING SERVICES

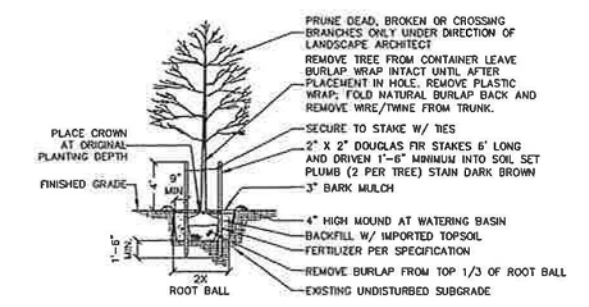
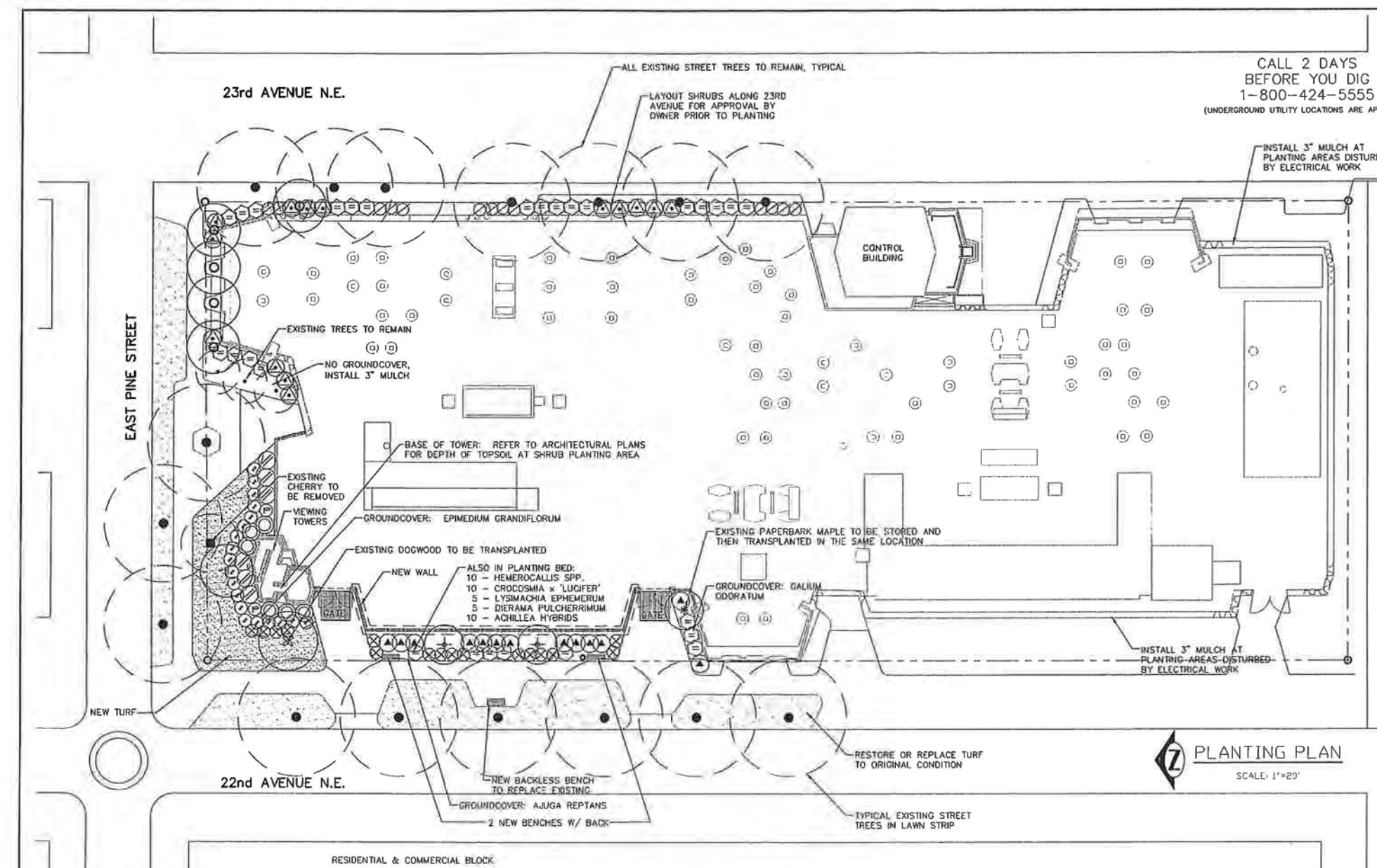


ENDORSEMENTS	
SIGNATURE	DATE
DR :PJM	11-27-02
DK :	
DSGN:EES	11-27-02
DK :MPB	11-27-02

CITY OF SEATTLE
 CITY LIGHT DEPARTMENT
 APPROVED FOR CITY LIGHT DEPARTMENT
 DATE: _____

PHYSICAL PLANT	
EAST PINE RECEIVING STATION	
SHEET 0	OF 13
CLASS:	E-1
DRAWING NO.:	D-34223
SCALE:	1/16"=1'-0"
REV. NO.:	0

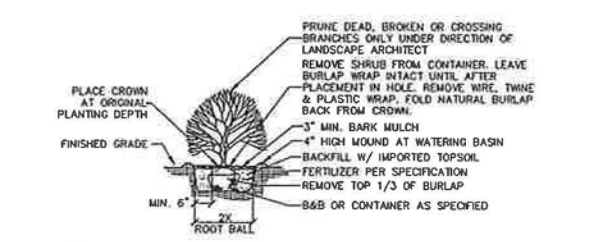
ELECTRICAL PERIMETER LIGHTING PLAN



NOTES:
 1. PRUNE DEAD OR BROKEN ROOTS.
 2. SLICE THROUGH ROOTS CIRCLING THE BALL. SPREAD ("BUTTER-FLY") ROOTS ON BARE ROOT & CONTAINERIZED MATERIAL.

DECIDUOUS TREE PLANTING

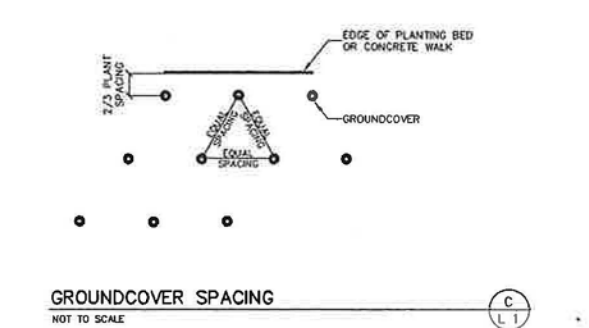
NOT TO SCALE



NOTES:
 1. PRUNE DEAD OR BROKEN ROOTS.
 2. SLICE THROUGH ROOTS CIRCLING THE BALL. SPREAD ("BUTTER-FLY") ROOTS ON BARE ROOT & CONTAINERIZED MATERIAL.

SHRUB PLANTING

NOT TO SCALE



PLANT SCHEDULE

TREES				SHRUBS				GROUNDCOVER				SITE FURNISHINGS			
BOTANICAL NAME	COMMON NAME	QTY.	MIN. SIZE	BOTANICAL NAME	COMMON NAME	QTY.	MIN. SIZE	BOTANICAL NAME	COMMON NAME	QTY.	MIN. SIZE	CONDITION	SPACING		
PYRUS COMMUNIS AND MALUS SP. STEWARTIA PSEUDOCAMELLIA STYRAX JAPONICUS ACER CRISEUM CORNUS KOUSA	FRUITING PEAR, ESPALIER AND FRUITING APPLE, ESPALIER JAPANESE STEWARTIA JAPANESE SNOWBELL PAPERBARK MAPLE CHINESE DOGWOOD	2 5 1 1 1	2" GAL 5 GAL 2.5" GAL EXISTING EXISTING	B&B OR BR CONT. B&B OR BR B&B OR BR TO BE STORED TO BE MOVED	BERBERIS THUMBERGII CALLICARPA BODINIERI ILEX CRENATA 'CONVEXA' KALMIA LATIFOLIA LEUCOTHOE FONTANESIANA 'RAINBOW' PRUNUS LAURDCERASIS 'MT. VERNON' RHODODENDRON 'BLUE DIAMOND' VIBURNUM P. TOMENTOSUM 'MARISSII'	JAPANESE BARBERRY BEAUTY BERRY JAPANESE HOLLY MOUNTAIN LAUREL RAINBOW LEUCOTHOE MT. VERNON LAUREL RHODODENDRON DOUBLE FILE VIBURNUM	19 13 13 6 28 14 16 6	18"-24" 18"-24" 15"-18" 18"-24" 18"-24" 15"-18" 15"-18" 18"-24"	CONT. OR BR. CONT. OR BR. CONT. CONT. OR B&B CONT. OR B&B CONT. OR B&B CONT. OR B&B CONT. OR B&B	AJUGA REPTANS EPIMEDIUM GRANDIFLORUM GALIUM ODORATUM TURF	CARPET BUGLE LONGSPUR EPIMEDIUM SWEET WOODRUFF	424 425 100	1 GAL. 1 GAL. 1 GAL.	CONT. CONT. CONT.	18" O.C. 18" O.C. 18" O.C.
EXISTING TREES TO REMAIN				PERENNIALS				GENERAL NOTES							
STREET TREE				ACHILLEA HYBRIDS YARROW CROCOSMIA x 'LUCIFER' MONTBRETIA DIERAMA PULCHERRIMUM FAIRY WAND HEMEROCALLIS SPP. DAYLILY LYSIMACHIA EPHEMERUM NON PETASITES JAPONICUS COLTSFOOT				1. ALL TREE, SHRUB, GROUNDCOVER, AND TURF PLANTING AREAS SHALL RECEIVE A MINIMUM OF 6 INCHES DEPTH OF SCREENED TOPSOIL. 2. ALL TREE, SHRUB, GROUNDCOVER PLANTING AREAS SHALL RECEIVE 3 INCHES OF BARK MULCH. 3. PLANTING PLAN IS SCHEMATIC, AND MINOR FIELD ADJUSTMENT WILL BE NECESSARY TO ACCOMMODATE UTILITIES AND STRUCTURES. MAJOR DEVIATIONS FROM PLAN SHALL REQUIRE PRIOR APPROVAL BY ENGINEER. 4. DO NOT PLACE OR INSTALL SHRUBS OR TREES WITHIN 2 FEET OF THE PAVEMENT. 5. ON THE EAST SIDE OF 23rd AVENUE N.E. AND WEST SIDE OF 22nd AVENUE N.E. SOUTH OF NEW PLANTINGS AFTER ELECTRICAL WORK, MULCH WHERE EXISTING VEGETATION HAS BEEN DISTURBED. 6. REFER TO ARCHITECTURAL PLAN FOR ELEVATIONS OF PLANTING AREA AT BASE OF TOWER. PROVIDE TOPSOIL TO MEET FINISH GRADE. 7. REFERENCE D-34227 LANDSCAPE PLAN, SPRINKLER PIPING AND HOSE BIBB DETAIL.							

REV.	DATE	BY	DESCRIPTION

SPECIFICATION NUMBERS: 3437 A 3438
 APPROVED FOR SOLICITATION
 KENNETH J. NAKATSU
 DEPARTMENT OF EXECUTIVE ADMINISTRATION
 SEATTLE, WASHINGTON

RESIDENTIAL & COMMERCIAL BLOCK
 ALL EXISTING STREET TREES TO REMAIN, TYPICAL
 LAYOUT SHRUBS ALONG 23RD AVENUE FOR APPROVAL BY OWNER PRIOR TO PLANTING
 CALL 2 DAYS BEFORE YOU DIG 1-800-424-5555 (UNDERGROUND UTILITY LOCATIONS ARE APPROX.)
 INSTALL 3" MULCH AT PLANTING AREAS DISTURBED BY ELECTRICAL WORK
 CONTROL BUILDING
 EXISTING TREES TO REMAIN
 NO GROUND COVER, INSTALL 3" MULCH
 BASE OF TOWER: REFER TO ARCHITECTURAL PLANS FOR DEPTH OF TOPSOIL AT SHRUB PLANTING AREA
 EXISTING CHERRY TO BE REMOVED
 VIEWING TOWERS
 GROUND COVER: EPIMEDIUM GRANDIFLORUM
 EXISTING DOGWOOD TO BE TRANSPLANTED
 NEW WALL
 ALSO IN PLANTING BED:
 10 - HEMEROCALLIS SPP.
 10 - CROCOSMIA x 'LUCIFER'
 5 - LYSIMACHIA EPHEMERUM
 5 - DIERAMA PULCHERRIMUM
 10 - ACHILLEA HYBRIDS
 GROUND COVER: GALIUM ODORATUM
 EXISTING PAPERBARK MAPLE TO BE STORED AND THEN TRANSPLANTED IN THE SAME LOCATION
 GATE
 GATE
 GROUND COVER: GALIUM ODORATUM
 INSTALL 3" MULCH AT PLANTING AREAS DISTURBED BY ELECTRICAL WORK
 RESTORE OR REPLACE TURF TO ORIGINAL CONDITION
 NEW BACKLESS BENCH TO REPLACE EXISTING
 GROUND COVER: AJUGA REPTANS
 2 NEW BENCHES W/ BACK
 TYPICAL EXISTING STREET TREES IN LAWN STRIP

PLANTING PLAN
 SCALE: 1"=20'
ENDORSEMENTS
 SIGNATURE DATE
 DR: STW/JA 4.2.2003
 CK: [Signature]
 DSGN: STW 4.2.2003
 CK: [Signature]

CITY OF SEATTLE
CITY LIGHT DEPARTMENT
 APPROVED FOR CITY LIGHT DEPARTMENT
 DATE

LANDSCAPE
EAST PINE RECEIVING STATION
PLANTING PLAN & DETAILS

SHEET OF
 CLASS: **L1**
 DRAWING NO.: **D-34226**
 SCALE: AS NOTED
 REV. NO.:

DATE: 4/2/03
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 PROJECT NO.: 080221.1