

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 01-0307	Issue Date: MAY - 1 2001	UBL: 199 A001001
Location of Construction: 947 Westbrook St	Owner Name: United States Transportation	Owner Address: 1001 Westbrook Street
Business Name: Portland Jetport	Contractor Name: T Buck Construction	Contractor Address: 249 Merrow Road Auburn
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Additions - Commercial
Past Use: Portland Jetport	Proposed Use: Portland Jetport / Installing steel canopy from terminal to parking garage; install new doors & safety tables. **Call Mark 783-6223	Permit Fee: Cost of Work: CEO District:
Proposed Project Description: Build steel canopy; install doors & safety tables.		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied
		INSPECTION: Use Group: A-3 Type: 1A
		Signature: <i>[Signature]</i>
		Signature: <i>[Signature]</i>
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)
		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied
		Signature: _____ Date: _____

PERMIT ISSUED

CITY OF PORTLAND

PERMIT ISSUED WITH REQUIREMENTS

PERMIT ISSUED WITH REQUIREMENTS

Permit Taken By: gg	Date Applied For: 04/06/2001	Zoning Approval		
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	
	Date: <i>4/17/01</i>	Date: _____	Date: <i>9</i>	

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT _____ ADDRESS _____ DATE _____ PHONE _____

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE _____ DATE _____ PHONE _____

SAM

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED

Minor/Minor Site Review for New Detached Single Family Dwelling,
All Purpose Building Permit Application

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

NOTE**If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: ⁹⁴⁷⁻¹¹³¹ 1001 WESTBROOK ST. (PORTLAND JETPORT)

Total Square Footage of Proposed Structure: ~ 13,400 SQ. FT. Square Footage of Lot

Tax Assessor's Chart, Block & Lot Number: Chart# 199 Block# A Lot# 001 Owner: PORTLAND INT. JETPORT 1001 WESTBROOK ST. PORTLAND ME. Telephone#: 756-3029

Lessee/Buyer's Name (If Applicable): Owner's/Purchaser/Lessee Address: Cost Of Work: \$1,580,731.00 Fee: \$

Current use: Jet Port Proposed Jet Port w/ Steel Canopy

Project description: INSTALLING STEEL CANOPY FROM TERMINAL TO PARKING GARAGE. INSTALLING NEW DOORS AND SAFETY TABLES.

Contractor's Name, Address & Telephone: T ROCK CONST (207) 783-6223 249 MERRILL RD AUBURN, ME 04210 Rec'd By: [Signature]

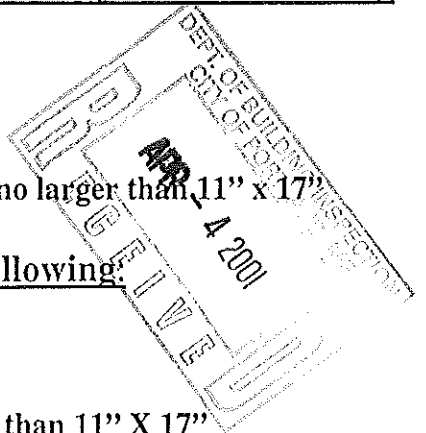
A "minor/minor" site plan review is required for New Single Family Homes Only. The Site/Plot plan must be prepared and sealed by a registered land surveyor. The following must be submitted:

- 4 copies of the site/plot plan
- 1 copy of the building/construction plan on 32" x 48"
- 1 copy of the site plan/plot plan and construction/building plan on paper no larger than 11" x 17"

On all commercial/Minor & Major projects must submit the following:

- 1 copy of the site/plot plan
- 2 copy of the building/construction plan on 32" x 48"
- 1 copy of the site/plot and construction /building plan on paper no larger than 11" X 17"

Please note that single family additions and alterations may be hand drawn on regular paper and only ONE copy of the below details will still need to be submitted.



THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED

A PLOT PLAN INCLUDES THE FOLLOWING:

- The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance from the actual property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as well as, sheds, pools, garages and any other accessory structures.
- Scale and North arrow; Zoning District & Setbacks
- First Floor sill elevation (based on mean sea level datum);
- Location and dimensions of parking areas and driveways;
- Location and size of both existing utilities in the street and the proposed utilities serving the building;
- Location of areas on the site that will be used to dispose of surface water.
- Existing and proposed grade contours

A COMPLETE SET OF CONSTRUCTION DRAWINGS INCLUDES THE FOLLOWING:

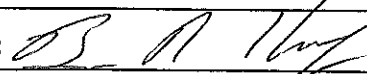
- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
 - Floor Plans & Elevations
 - Window and door schedules
 - Foundation plans with required drainage and damp proofing
- Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included.

SEPARATE PERMITS ARE REQUIRED FOR INTERNAL & EXTERNAL PLUMBING, HVAC AND ELECTRICAL INSTALLATIONS

- All construction must be conducted in compliance with the 1999 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1999 National Electrical Code as amended by Section 6-Art III.
- HVAC (Heating, Ventilation and Air Conditioning) installation must comply with the 1993 BOCA Mechanical Code.

Certification

I hereby certify that I am the Owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: 	Date: 4/3/01
---	--------------

Minor/Minor Site Review Fee: \$300.00/Building Permit Fee: \$30.00 for the 1st \$1000.cost plus \$6.00 per \$1,000.00 construction cost thereafter.

ONE SET OF SUBMISSIONS INCLUDING CONSTRUCTION AND SITE PLAN DRAWINGS MUST BE SUBMITTED ON PAPER NO LARGER THAN 11" x 17" BEFORE ANY BUILDING PERMIT WILL BE ISSUED



CITY OF PORTLAND, MAINE

Department of Building Inspection

April 4, 2001

Received from Bruce Kenny a fee

of Waiver Pending /100 Dollars \$ Per

for permit to install steel canopies management approval

at 1001 Westbrook Est. Cost \$ 1,580,731

CB 199 A001

Per May 6
Inspector of buildings

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$5.00 or 10% whichever is greater.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Auditors Copy



CITY OF PORTLAND, MAINE
Department of Building Inspection

April 1, 2001

Received from Bruce Kainy a fee

of Waiver / Pending Per
/100 Dollars \$

for permit to install
erect
alter steel canopies approval

at 1001 West York Est. Cost \$ 1,520,731

CBL 199 A001
Inspector of buildings

Per May 6

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$5.00 or 10% whichever is greater.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Auditors Copy

BUILDING PERMIT REPORT

DATE: 14 APRIL 2001 ADDRESS: 1001 Westbrook ST. CBL: 199-A-001

REASON FOR PERMIT: Canopy (steel) between parking garage & Terminal

BUILDING OWNER: City of Portland

PERMIT APPLICANT: CONTRACTOR T. Buck Gast

USE GROUP: A-3 CONSTRUCTION TYPE: 2B CONSTRUCTION COST: 1,580,713 PERMIT FEES:

The City's Adopted Building Code (The BOCA National Building Code/1999 with City Amendments)
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)



CONDITION(S) OF APPROVAL

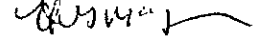
This permit is being issued with the understanding that the following conditions shall be met: *1, *11, *13, *23, *28, *35, *38, *39, *40, *41, *42, 22

- *1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained.
3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve.
4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts.
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete and masonry.
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed.
8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating.
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code.
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
*11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level.
12. Headroom in habitable space is a minimum of 7'6".
*13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/2" maximum rise.
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.
15. The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less than 36".
16. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue.
17. Each apartment shall have access to two (2) separate, remote and approved means of egress.
18. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's.
19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment.

Handwritten initials 'A/G'

20. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
 - In the immediate vicinity of bedrooms
 - In all bedrooms
 - In each story within a dwelling unit, including basements
21. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
22. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard.
- *23. The Sprinkler System shall be installed and maintained to NFPA #13 Standard.
24. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999)
25. Section 25 - 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
26. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services.
27. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics).
- *28. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
29. All requirements must be met before a final Certificate of Occupancy is issued.
30. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996).
31. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)
32. Please read and implement the attached Land Use Zoning report requirements.
33. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code.
34. Bridging shall comply with Section 2305.16.
- *35. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0)
36. All flashing shall comply with Section 1406.3.10.
37. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).
- *38. Canopies shall comply with section 3105.0.
- *39. Canopies shall comply with section 1607.0 (Roof Loads) sec. 1608.0 Snow Loads, etc.
- *40. Special inspections shall be required as per section 1205.0 of the Bldg. Code, & all reports shall be submit to this office.
- *41. Revolving Doors shall comply with section 1018.0 (Revolving doors)
- *42. The protection of Public shall comply with section 2304.0.

 Samuel Hoffses, Building Inspector
 J. McDougall, PFD
 Marge Schmuckal, Zoning Administrator
 Michael Nugent, Inspection Service Manager

PSH 10/1.00 

**This permit is herewith issued, on the basis of plans submitted and conditions placed on these plans, any deviations shall require a separate approval.

***THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD. (You Shall Call for Inspections)

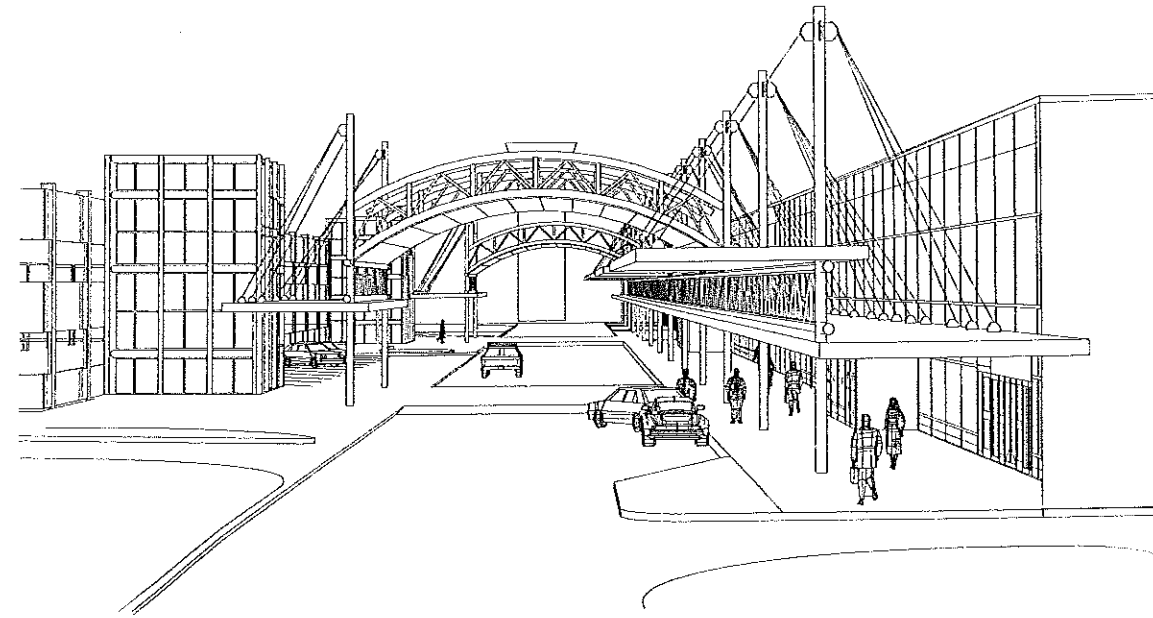
****ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.

*****CERTIFICATE OF OCCUPANCY FEE \$50.00

PORTLAND INTERNATIONAL JETPORT PEDESTRIAN CANOPY IMPROVEMENTS

YEAR 2000
PORTLAND, ME

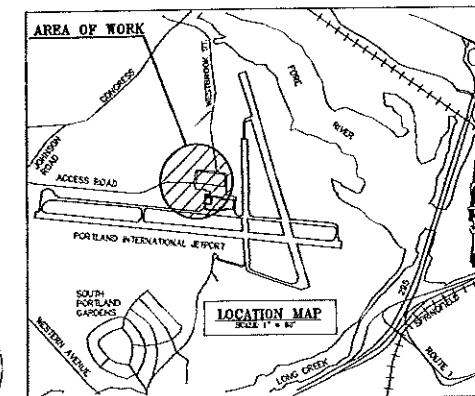
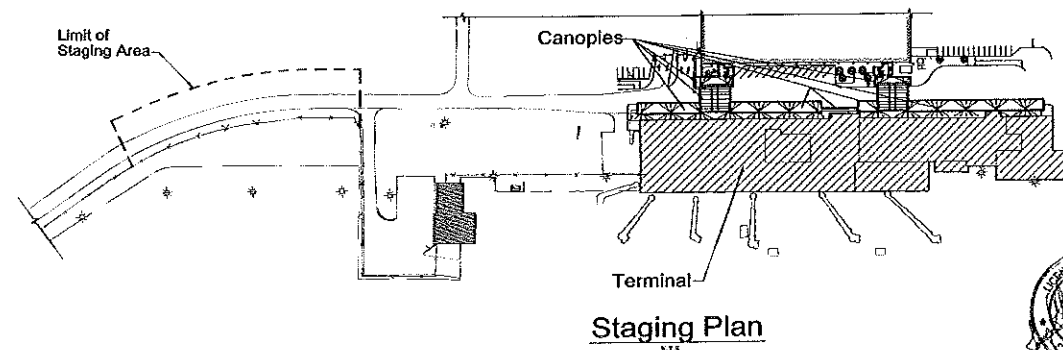
PREPARED FOR
CITY OF PORTLAND



PREPARED BY
OEST ASSOCIATES, INC.

343 GORHAM ROAD
S. PORTLAND, ME

707.05.31



DRAWING LIST

DWG NO.	TITLE
1	T1 TITLE SHEET
2	C-1 EXISTING CONDITIONS AND DEMOLITION SITE PLAN
3	C-2 PROPOSED SITE PLAN AND DETAILS
4	A-1 PARTIAL PLAN OF EXISTING CONDITIONS - COLUMNS 1 THROUGH 11
5	A-1B PARTIAL PLAN - COLUMNS 1 THROUGH 11
6	A-2 PARTIAL FLOOR PLAN OF EXISTING & PROPOSED CONDITIONS - COLUMNS 11 THROUGH 16
7	A-3 PARTIAL CANOPY PLAN - COLUMNS 1 THROUGH 11
8	A-4 PARTIAL CANOPY PLAN - COLUMNS 11 THROUGH 16
9	A-5 NORTH ELEVATION
10	A-6 SECTION
11	A-7 DETAILS
12	A-8 DETAILS
13	A-9 REMOVALS AT SLIDING AND REVOLVING DOORS
14	A-10 REVOLVING DOOR PLANS AND ELEVATIONS
15	A-11 REVOLVING DOOR (PLANS) AND DETAILS
16	S-1 EXISTING FOUNDATION PLAN & DETAILS - COLUMNS 1 THROUGH 11
17	S-2 EXISTING FOUNDATION PLAN & DETAILS - COLUMNS 11 THROUGH 16
18	S-3 CANOPY FRAMING PLAN - LOWER - COLUMNS 1 THROUGH 11
19	S-4 CANOPY FRAMING PLAN - LOWER - COLUMNS 11 THROUGH 16
20	S-5 UPPER CANOPY FRAMING PLAN
21	S-6 CANOPY ARCH 1 & 2 FRAMING PLAN
22	S-7 FRAMING DETAILS
23	S-8 REVOLVING DOOR SECTIONS
24	S-9 CANOPY FRAMING DETAILS
25	S-10 CANOPY FRAMING DETAILS
26	S-11 TRUSS ELEVATIONS
27	S-12 TRUSS ELEVATIONS
28	S-13 TRUSS ELEVATIONS
29	S-14 TRUSS ELEVATIONS
30	E-1 CEILING & LIGHTING PLAN - COLUMNS 1 THROUGH 11
31	E-2 CEILING & LIGHTING PLAN - COLUMNS 11 THROUGH 16

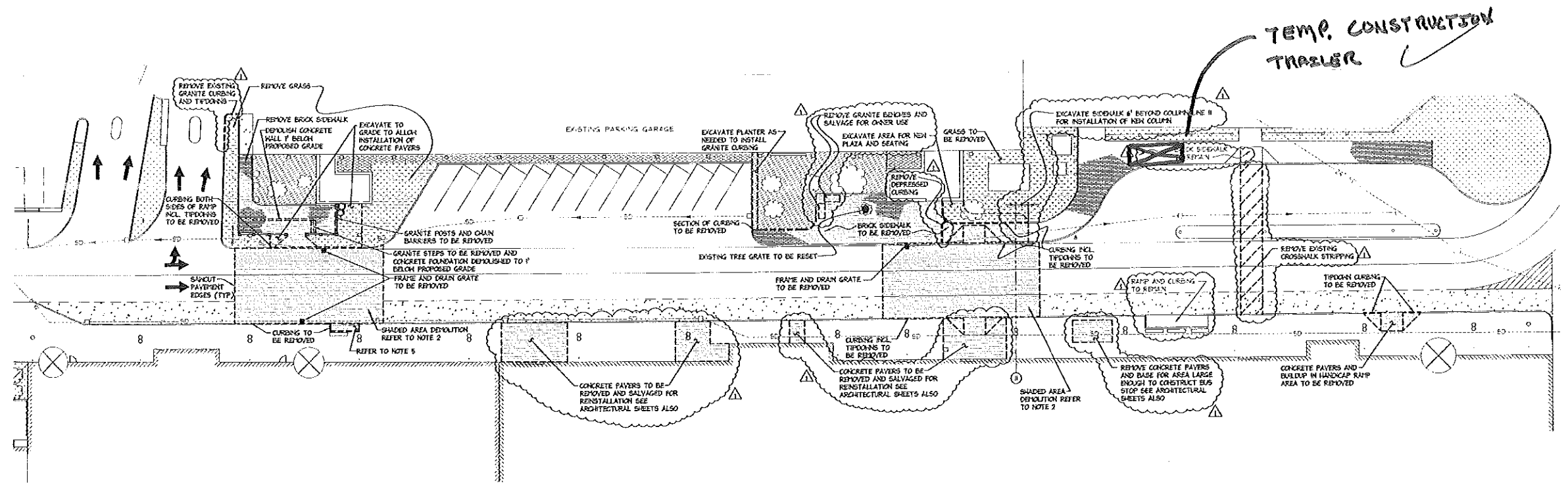
Legend of Symbols

NOTES:
1. FOR ELECTRICAL SYMBOLS, SEE LEGENDS ON RESPECTIVE DRAWINGS.
2. FOR WELDING SYMBOLS, REFER TO A.I.S.C. STEEL CONSTRUCTION MANUAL.

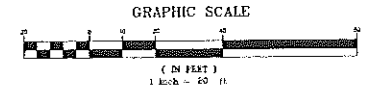
	BLANKET INSULATION		DETAIL NUMBER
	CONCRETE		DETAIL INDICATOR
	CONCRETE MASONRY UNIT		HIDDEN LINE
	EARTH		EXISTING TO REMAIN
	ELEVATION		TO BE REMOVED
	METAL (LARGE SCALE)		NEW
	METAL - SMALL SCALE		
	PIPE		
	ROD INSULATION - JOINT FILLER		
	SAND		
	WOOD - FINISHED		
	WOOD - ROUGH		
	(14-0) OVERHEAD TAKEN FROM AS-BUILT DRAWINGS		

Abbreviations

AND/OR	A	ELEVATION	EL	PLATE	PL
ABBREVIATE	ABR	ELECTRICAL PANEL	EP	PLUS OR MINUS	P/±
ALIGNMENT	AL/ALN	ROOFING	RF	PRESSURE TREATED	PT
ALTERNATE	ALT	EQUAL SPACES	EQ SP	PROJECT	PROJ
AMERICAN SOCIETY FOR TESTING MATERIALS	ASTM	EACH WAY	EA	POUNDS PER SQ. FOOT	PSF
ANCHOR BOLT	AB	EXISTING	EXT	POUNDS PER SQ. INCH	PSI
AND	&	EXTINGUISHER	EXT	RADIUS	RAD/R
ANGLE	∠	FINISH	FN	RAN/WATER CONDUCTOR	RWC
APPROVED	APP	FLOOR	FL	REINFORCEMENT	REIF
ASSEMBLY	ASBY	FLOORING	FLC	REQUIRED	REQD
AT	@	FLOOR DRAIN	FD	REVISION	REV
BASE PLATE	BP	FOOT	FOOT	ROOFING	ROOF/G. RFC
BEAM	BT	FOOTING	FOOTING	ROOF	RF
BLOCKING	BLK	FOOTING	FTG.	ROOF DRAIN	R.D.
BOTH WAYS	BY	GENERAL	GEN	SEWER DRAIN	SD
BOTTOM	BOT	CAS	CAS	SECTION	SECT
BOTTOM CHORD	BC	CALVANEZ	CA	SEALAR	SEAL
BOTTOM OF FOOTING	BOF	GENERAL	GEN	SOUTH	S
BULGING	BLG	HEIGHT	HT, HGT	SOUTHWEST	SW
CEILING	CLC	HORIZONTAL	HORIZ	SQUARE	SQ.
CENTER LINE	CL	INSIDE DIAMETER	ID	STANDARD	ST. STD
CENTER TO CENTER	CC, C TO C	KPS PER SQ. FOOT	KSF	STIFFENER	STIFF.
CHANGED	CHD	LONG LEGS	LLB	THICK	THK
CLEAR	CLR	BACK TO BACK	BTB	TELEPHONE	TEL
COLUMN	COL	MANUFACTURER	MFG. MFR	TELEPHONE HANDLE	TEL. H
CONCRETE	CONC	MANHOLE	MAN	TOP OF STEEL	T.O.S.
CONCRETE BLOCK	CONC BLK	MATERIAL	MAT	TYPICAL	TYP
CONNECTION	CON	MATERIAL	MAT	UNDERGROUND ELECTRICAL	UE
CONTROL JOINT	CJ	MATERIAL	MAT	UNLESS NOTED OTHERWISE	UNL
CONTINUE	CONT	MATERIAL	MAT	WATER COMPOSITION TILE	WCT
DESIGN	DES	MATERIAL	MAT	WOOD	W
DESIGNED	DES	NORTH	N	EXTRA STRONG	X-STRONG
DETAIL	DET, DTL	NORTHEAST	NE	DOUBLE EXTRA STRONG	XX
DRAIN	DR, DRAIN	NORTHWEST	NW		
DRAINAGE	DR, DRAIN	NOT TO SCALE	NTS		
DRAWING	DWG	NUMBER	NO. #		
EAST	E	ON CENTER	OC		
EACH	EA	OUTSIDE DIAMETER	OD		
FACE	FF				



EXISTING CONDITIONS AND DEMOLITION SITE PLAN
SCALE: 1" = 20'



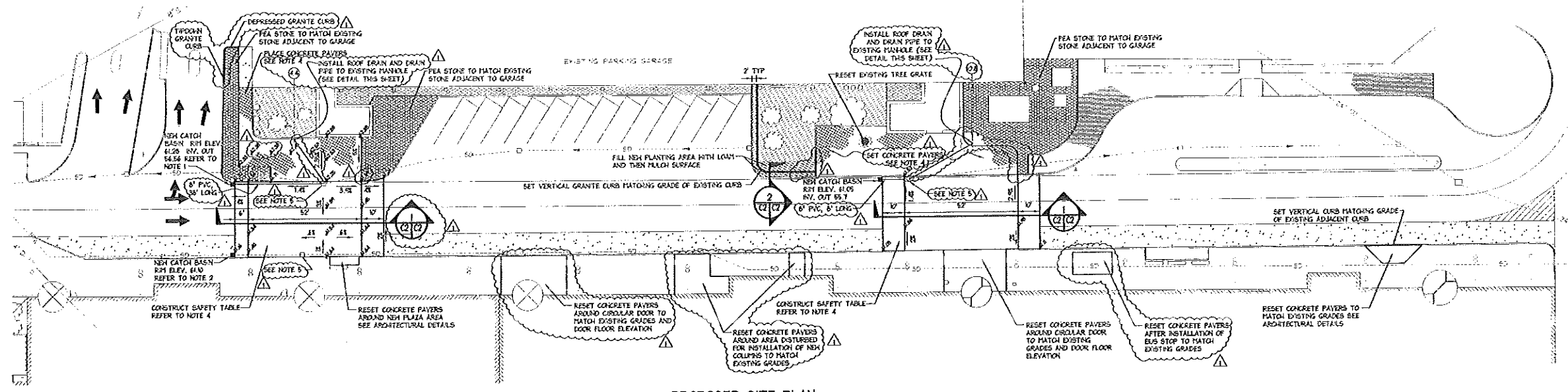
- NOTES:**
1. REMOVE EXISTING CONCRETE PAVERS AND BUILDUP DOWN TO BELOW BITUMINOUS PAVEMENT. CONTRACTOR TO GRADE SUBGRADE PAVE AREA AND RELAY PAVERS AS SHOWN ON DETAIL ON A-2 IN AREAS DETERMINED TO BE UNEVEN AS DIRECTED BY ENGINEER. THIS ITEM TO BE PAID FOR BY THE SQUARE FOOT WITH THE FINAL QUANTITY TO BE DETERMINED. QUANTITY TO BE CARRIED IN BID SHALL BE 1000 SQUARE FEET.
 2. SANICUTS TO RUN FULL WIDTH OF AREA AS SHOWN. SANICUT TO BE FULL DEPTH OF PAVEMENT (BITUMINOUS AND CONCRETE). PAVEMENT (BITUMINOUS AND CONCRETE) BUILDUP TO BE REMOVED TO REQUIRED GRADE TO ALLOW CONSTRUCTION OF SAFETY TABLE IN AREAS INDICATED.
 3. CURBING TO BE REMOVED SHALL BE RESET IN QUANTITIES AS NECESSARY TO FILL IN AREAS AS NOTED. EXCESS CURBING TO REMAIN PROPERTY OF THE CITY. CONTRACTOR SHALL DELIVER TO CITY HOLDING AREA, LOCATED WITHIN 1/4 MILES FROM SITE.
 4. EXCAVATED PAVEMENT (BITUMINOUS AND CONCRETE), GRAVEL, FILL, BRICK, ETC. TO BE DISPOSED OF IN APPROVED LANDFILLS.
 5. CONCRETE PAVERS AND BUILDUP IN RAMP AREAS TO BE REMOVED AS INDICATED.
 6. GRANITE TIPDOWN AND DEPRESSED CURBING TO BE REMOVED AS INDICATED.

LEGEND

	DUCTILE IRON FORCE MAIN
	GAS MAIN
	STORM DRAIN
	UNDERGROUND ELECTRIC
	TELEPHONE LINE
	STORM DRAIN MANHOLE
	CATCH BASIN
	SEWER MANHOLE
	UNDERGROUND ELECTRIC MANHOLE
	TELEPHONE MANHOLE
	BOLLARD
	BUILDING LINE
	REVOLVING DOOR
	CURB LINE
	TO BE DEMOLISHED
	NEW WORK
	DEMOLITION AREAS
	ROCKS
	BRICK WALK
	GRASS
	CONCRETE
	MULCHED PLANTING BED

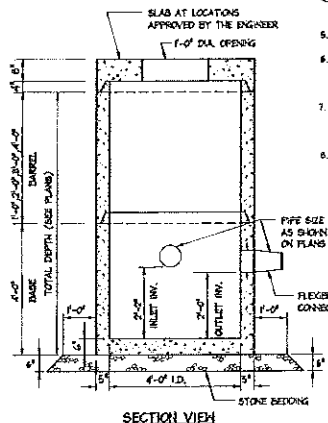
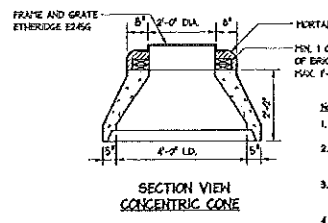
PORTLAND INTERNATIONAL AIRPORT PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
EXISTING CONDITIONS AND DEMOLITION SITE PLAN			
REV	DESCRIPTION	DR	DATE
1	ADDENDUM 1	JEE	10/20/00
0	ISSUED FOR B.D.	JEE	10/20/00
		DR	DATE
		BY	BY
OEST Associates, Inc.		SCALE: AS NOTED	PROJECT NO: 707.05.32
343 Cortam Road - South Portland, ME 04106		DATE: 10/20/00	DRAWING NO: C-1
DESIGNED BY: M. BELLETTERO		SHEET OF: 2	DATE: 10/20/00
CHECKED BY: J. LEAR		DATE: 10/20/00	DATE: 10/20/00

STATE OF MAINE
REGISTERED PROFESSIONAL ENGINEER
MICHAEL J. OESTER
No. 6291
16 Aug 00



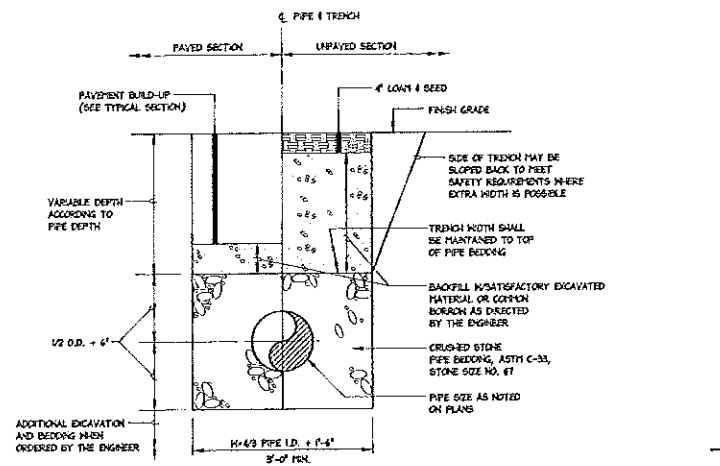
PROPOSED SITE PLAN
SCALE: 1" = 20'

- NOTES:**
1. RESETTING CURB AT CATCH BASIN INSTALLATION SHALL BE INCIDENTAL TO COST OF CATCH BASIN
 2. THE EXISTING STORM DRAIN INTO AND OUT OF NEW CATCH BASIN. CONTRACTOR TO VERIFY NEW INVERTS
 3. CONTRACTOR SHALL LAY EXISTING PAVERS IN AREAS AFFECTED BY NOTE 1 ON SHEET C-1.
 4. CONCRETE PAVERS TO BE Laid IN PATTERN AS SHOWN ON ARCHITECTURAL PLANS. SAND BASE TO BE USED TO FINE GRADE FOR PAVERS. ROAD CROSSING GRADES TO BE HELD BY PLACING CONCRETE AT SLOPES AS SHOWN ON GRADING PLANS.
 5. ADJUST FRAME AND COVER TO MEET NEW GRADE AT THREE LOCATIONS OF EXISTING CATCH BASINS WHERE DISTURBED BY CONSTRUCTION OF SAFETY TABLES. REPLACE EXISTING CATCH BASIN COVER WITH MANHOLE COVER AND RELOCATE EXISTING COVER TO NEW CATCH BASIN.

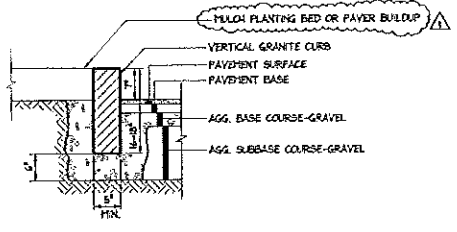


TYPICAL DETAIL CONCRETE CATCH BASIN
N.T.S.

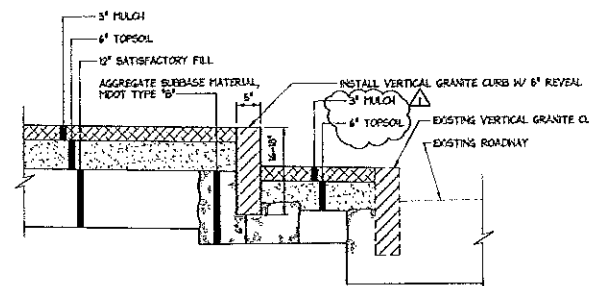
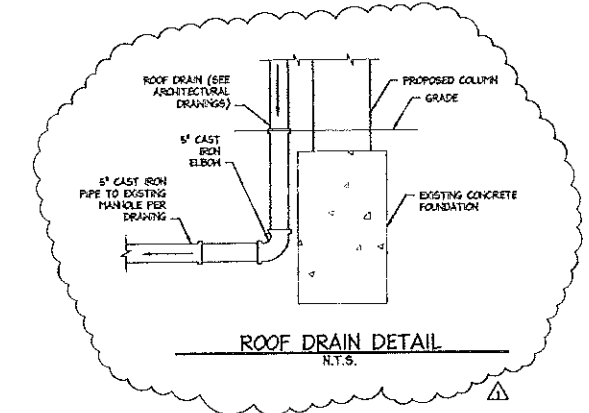
- NOTES:**
1. CONCRETE- 4,000 PSI AFTER 28 DAYS, MIN.
 2. REINFORCING- 14-20 L.OADING, 40#/004 MESH. SLAB TOP - NO. 5 @ 8" O.C.
 3. SHAPLAP JOINTS SEALED WITH 1 STRIP OF 1" DIA. BUTYL RUBBER SEALANT.
 4. EACH CASTING TO HAVE LIFTING HOLES CAST IN.
 5. EACH SECTION TO BE LABELED AS NOTED.
 6. PRECAST UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C-478, LATEST REVISION.
 7. LIFT OF ROCK EXCAVATION SHALL BE 1'-4" FROM THE EXTERIOR FACE OF THE STRUCTURE.
 8. STONE BEDDING SHALL MEET THE REQUIREMENTS OF ASTM C-38 STONE SIZE NO. 87.



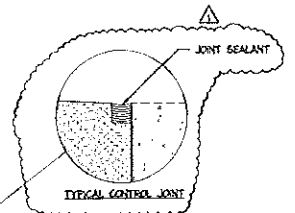
TYPICAL CULVERT & STORM DRAIN TRENCH SECTION
N.T.S.



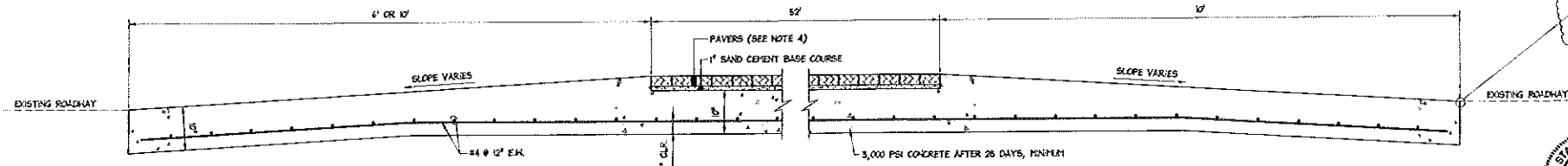
TYPICAL SECTION VERTICAL GRANITE CURB
N.T.S.



CURB SECTION DETAIL
NOT TO SCALE



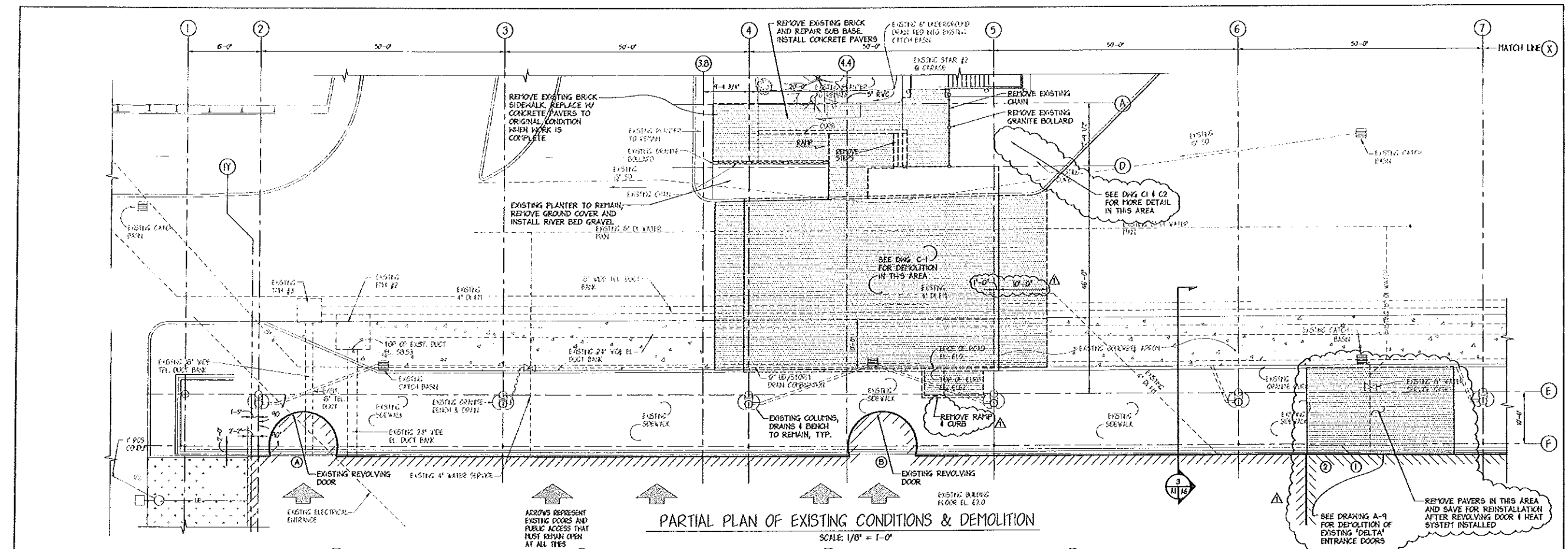
TYPICAL CONTROL JOINT



SAFETY TABLE SECTION
NOT TO SCALE

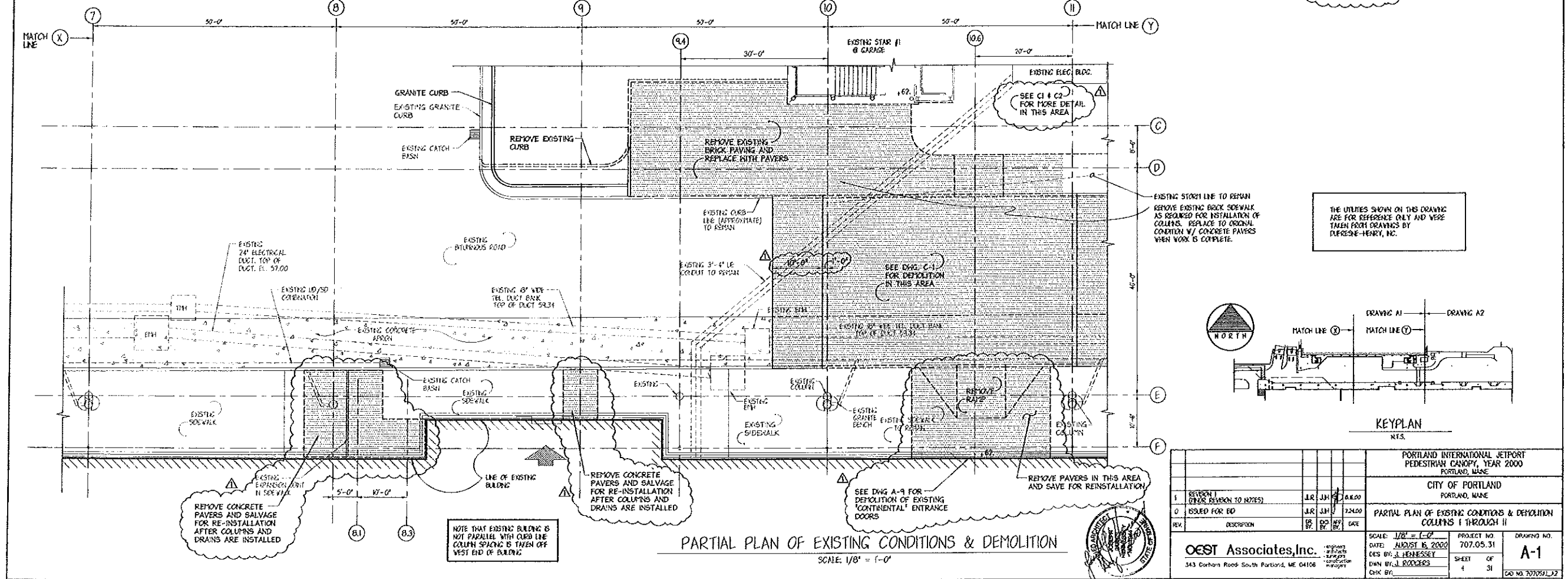
PORTLAND INTERNATIONAL JETPORT PORTLAND, MAINE				PROJECT NO. 707.05.32	
CITY OF PORTLAND PORTLAND, MAINE				DRAWING NO. G-2	
PROPOSED SITE PLAN AND DETAILS				DATE: JULY 21, 2000	
DESIGNED BY: M. DELETEYSKY				CHECKED BY: J. EARL	
DRAWN BY: J. EARL				DATE: 7/21/00	
SCALE: AS NOTED				PROJECT NO. 707.05.32	
DATE: JULY 21, 2000				DRAWING NO. G-2	
DESIGNED BY: M. DELETEYSKY				CHECKED BY: J. EARL	
DRAWN BY: J. EARL				DATE: 7/21/00	
SCALE: AS NOTED				PROJECT NO. 707.05.32	
DATE: JULY 21, 2000				DRAWING NO. G-2	
DESIGNED BY: M. DELETEYSKY				CHECKED BY: J. EARL	
DRAWN BY: J. EARL				DATE: 7/21/00	





PARTIAL PLAN OF EXISTING CONDITIONS & DEMOLITION

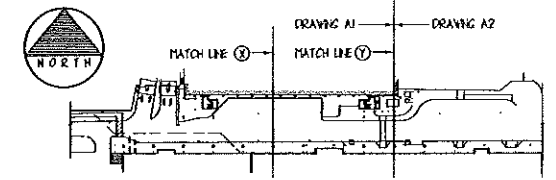
SCALE: 1/8" = 1'-0"



PARTIAL PLAN OF EXISTING CONDITIONS & DEMOLITION

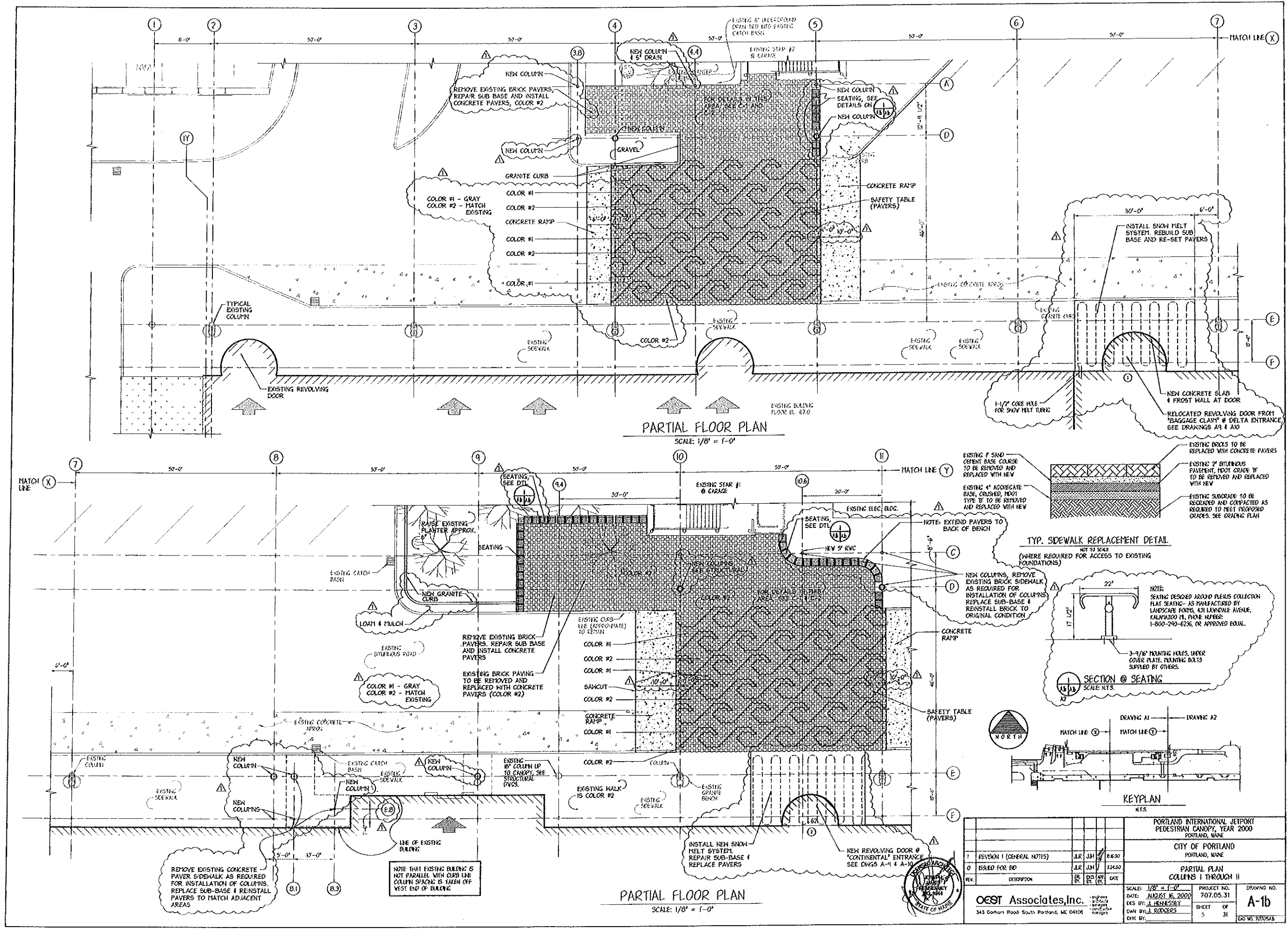
SCALE: 1/8" = 1'-0"

THE UTILITIES SHOWN ON THIS DRAWING ARE FOR REFERENCE ONLY AND WERE TAKEN FROM DRAWINGS BY DEFENSE-HENRY, INC.



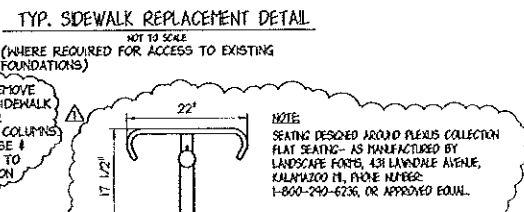
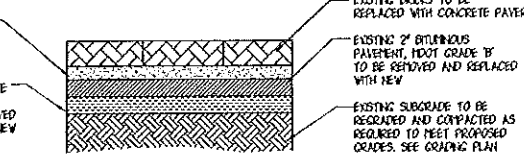
PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE				
CITY OF PORTLAND PORTLAND, MAINE				
PARTIAL PLAN OF EXISTING CONDITIONS & DEMOLITION COLUMNS I THROUGH II				
1	ISSUED FOR REVISION	JLR	JH	8.15.00
0	ISSUED FOR BID	JLR	JH	7.24.00
REV	DESCRIPTION	BY	DATE	DATE
SCALE: 1/8" = 1'-0"		DATE: AUGUST 15, 2000	PROJECT NO: 707.05.31	DRAWING NO: A-1
DESIGN BY: J. HENNESSEY		CHECK BY: B. RODDERS	SHEET OF: 4	OF: 31
OEST Associates, Inc. 343 Corham Road South Portland, ME 04106		PROJECT NO: 707.05.31		DRAWING NO: A-1

1: AUGUST 15, 2000 11:28 AM 2000

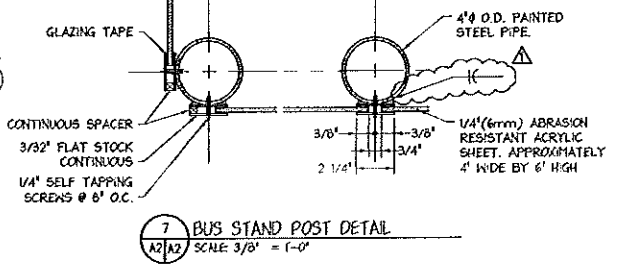
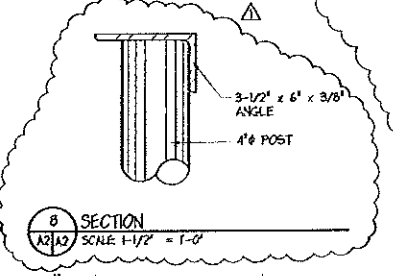
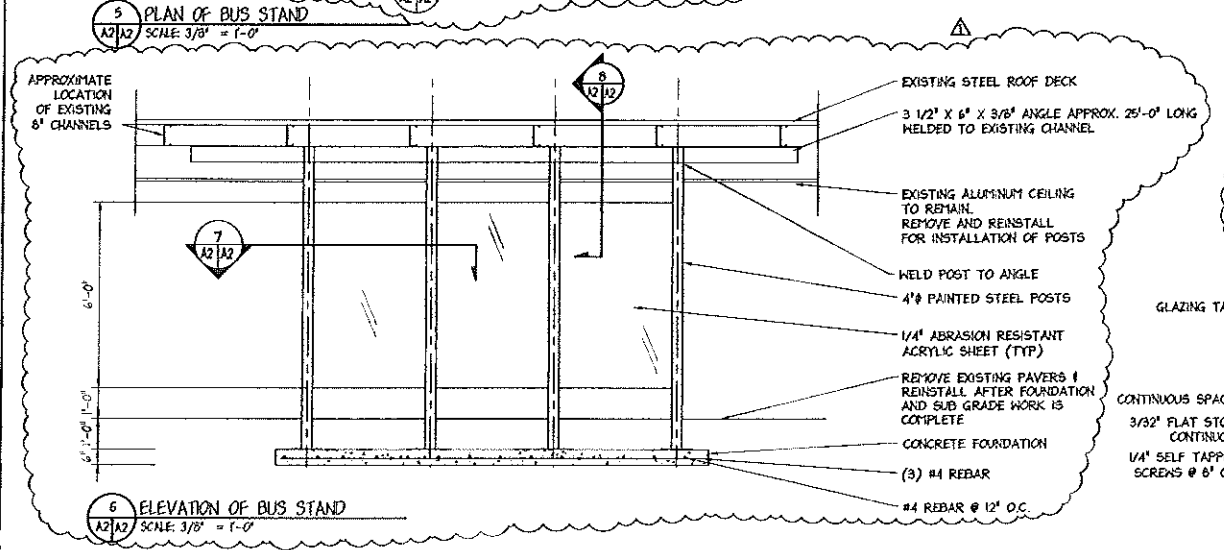
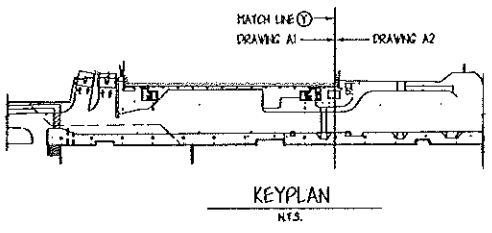
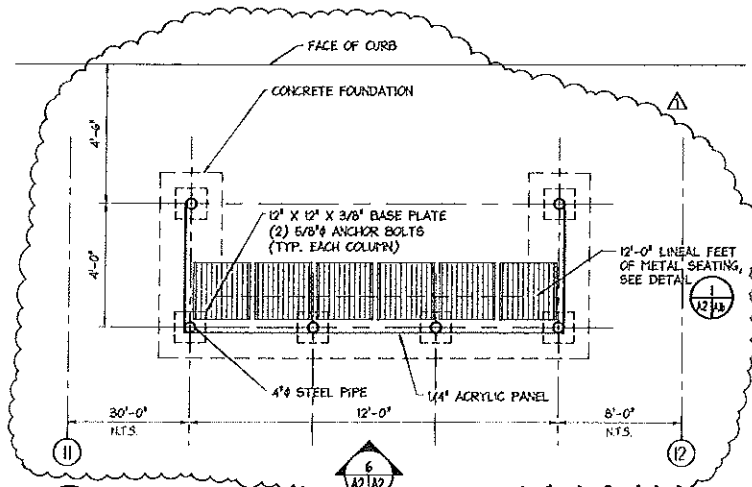
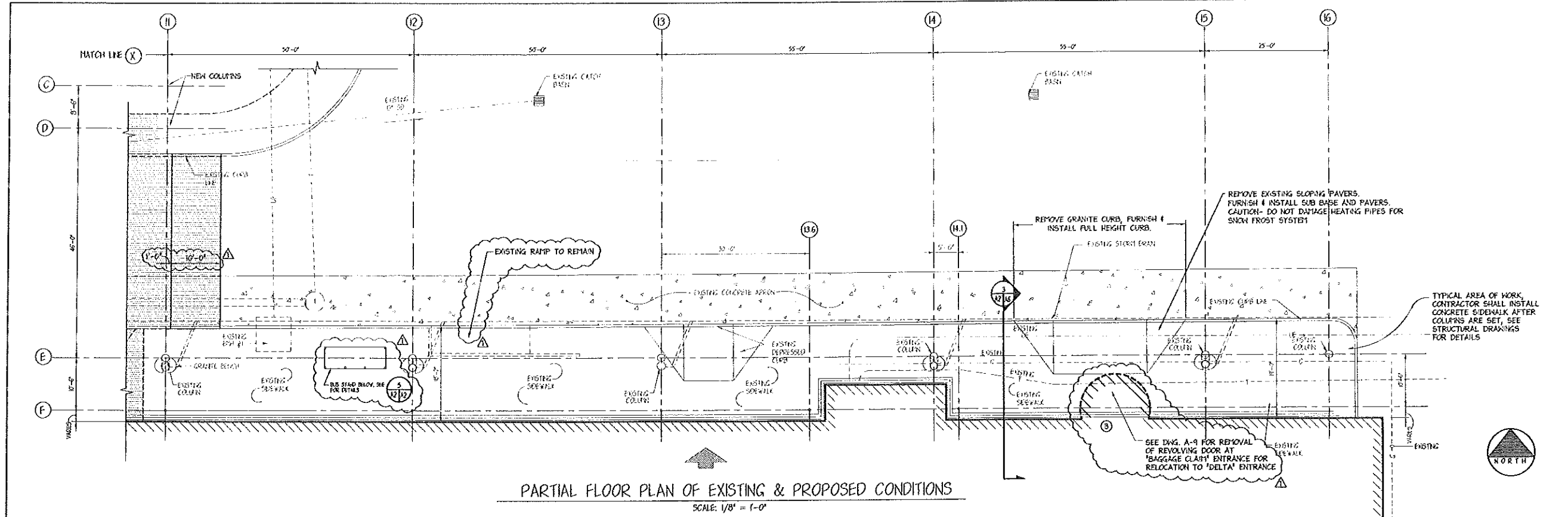


PARTIAL FLOOR PLAN
SCALE: 1/8" = 1'-0"

PARTIAL FLOOR PLAN
SCALE: 1/8" = 1'-0"



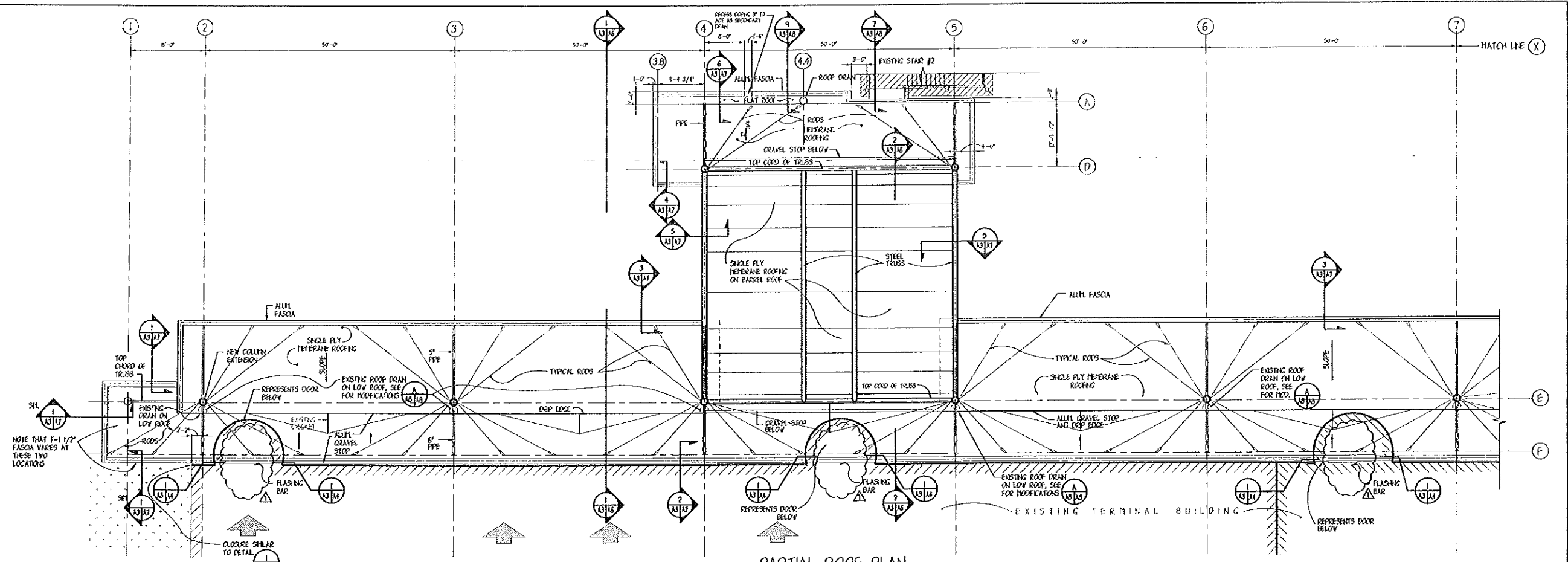
PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
PARTIAL PLAN COLUMNS 1 THROUGH 11			
REVISION 1 (GENERAL NOTES)	JLR JKH	08.00	
ISSUED FOR BD	JLR JKH	08.00	
DESCRIPTION	RE	08.00	
SCALE: 1/8" = 1'-0"		PROJECT NO. 707.05.31	
DATE: AUGUST 16, 2000		SHEET OF 5	
DES BY: J. HENNESSY		DRAWN BY: J. RODGERS	
CHK BY:		DRAWING NO. A-1b	
CEST Associates, Inc.		343 Cochran Road South Portland, ME 04106	



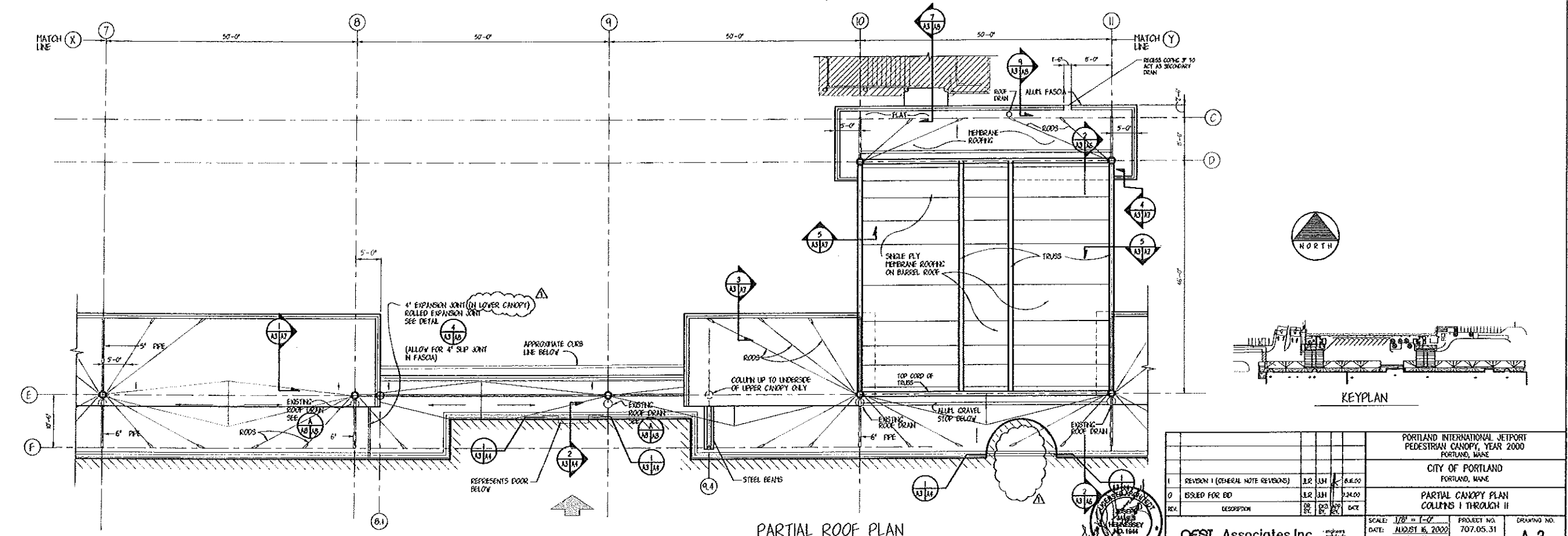
PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
PARTIAL FLOOR PLAN OF EXISTING & PROPOSED CONDITIONS COLUMNS 11 THROUGH 16			
1	REVISION 1	J.R. J.H. J.L.	12.00.00
0	DESIGNED FOR BID	J.R. J.H. J.L.	12.20.00
REV.	DESCRIPTION	BY	DATE
SCALE: 1/8" = 1'-0"		PROJECT NO. 707.05.31	DRAWING NO. A-2
DATE: AUGUST 16, 2000		SHEET 6 OF 31	DESIGNER: J. HENNESSEY
DESIGNED BY: J. HENNESSEY		DATE: 7/05/01	CHECKED BY: J. RODGERS
DRAWN BY: J. RODGERS		DATE: 7/05/01	SCALE: 1/8" = 1'-0"
PROJECT NO. 707.05.31		DRAWING NO. A-2	DATE: 7/05/01
SHEET 6 OF 31		SCALE: 1/8" = 1'-0"	DATE: 7/05/01
DESIGNED BY: J. HENNESSEY		DATE: 7/05/01	SCALE: 1/8" = 1'-0"
DRAWN BY: J. RODGERS		DATE: 7/05/01	SCALE: 1/8" = 1'-0"
CHECKED BY: J. RODGERS		DATE: 7/05/01	SCALE: 1/8" = 1'-0"



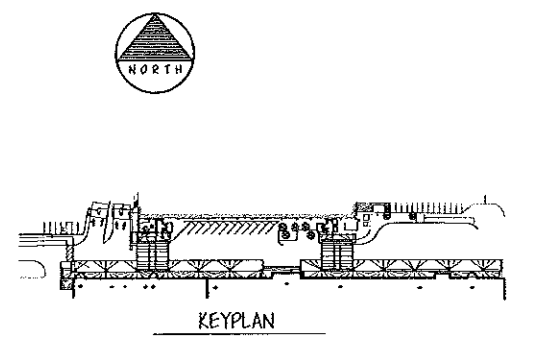
P:\050525\050525.dwg, 07/05/01, 11:25:14 AM, 2000



PARTIAL ROOF PLAN
SCALE: 1/8" = 1'-0"

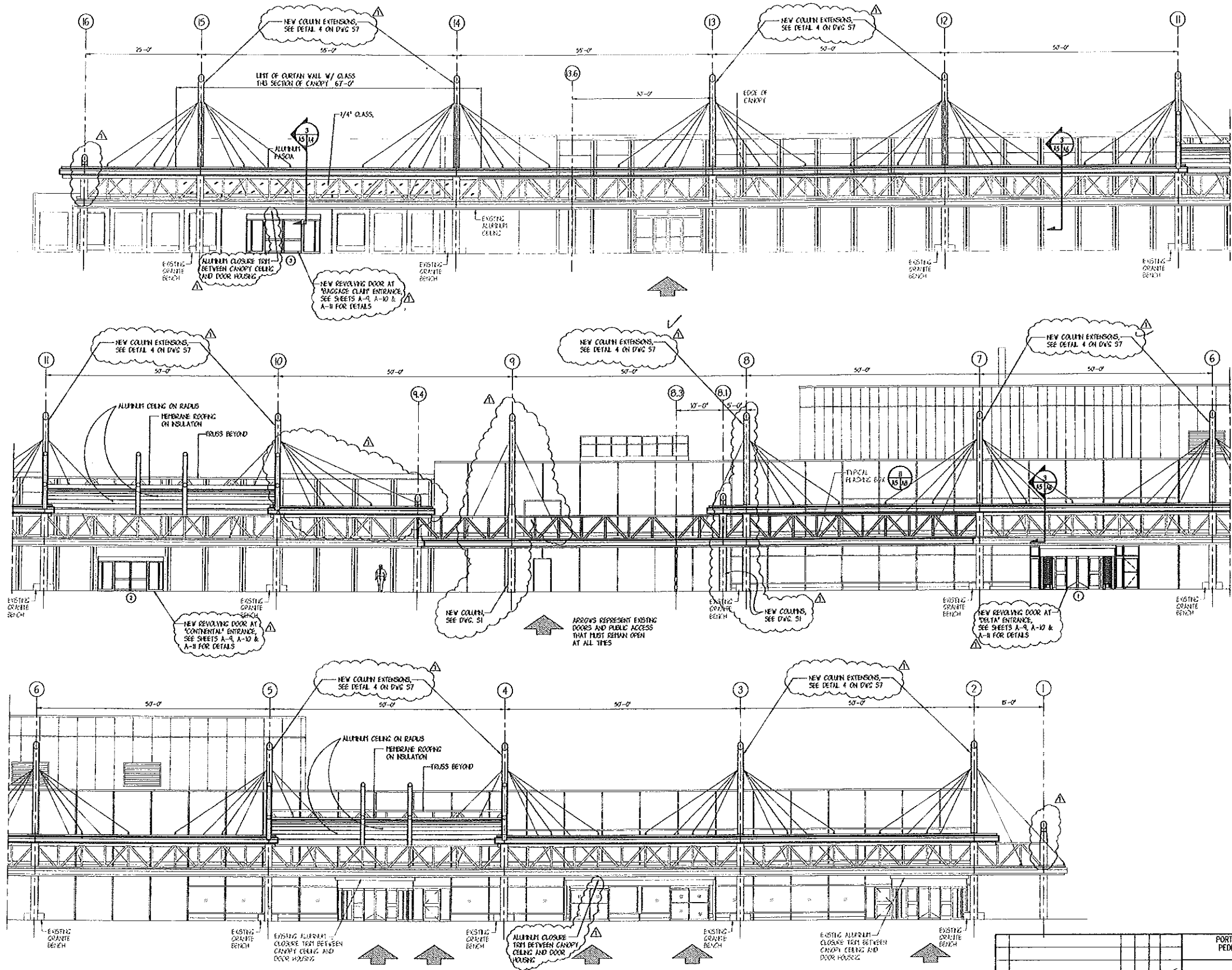


PARTIAL ROOF PLAN
SCALE: 1/8" = 1'-0"



PORTLAND INTERNATIONAL JETPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
PARTIAL CANOPY PLAN COLUMNS I THROUGH II			
1	REVISION 1 (GENERAL NOTE REVISIONS)	J.R. JH	8.6.00
0	ISSUED FOR BID	J.R. JH	5.24.00
REV.	DESCRIPTION	BY	DATE
PROJECT NO. 707.05.31 DATE: AUGUST 16, 2000 DES. BY: J. HENNESSEY CHN. BY: J. BOCCACCIO CHK. BY:			
OEST Associates, Inc. 343 Gotham Road - South Portland, ME 04106			DRAWING NO. A-3 SHEET OF 7 51 CDS NO. 7070533_A1

1. PORTLAND INTERNATIONAL JETPORT PEDESTRIAN CANOPY, YEAR 2000

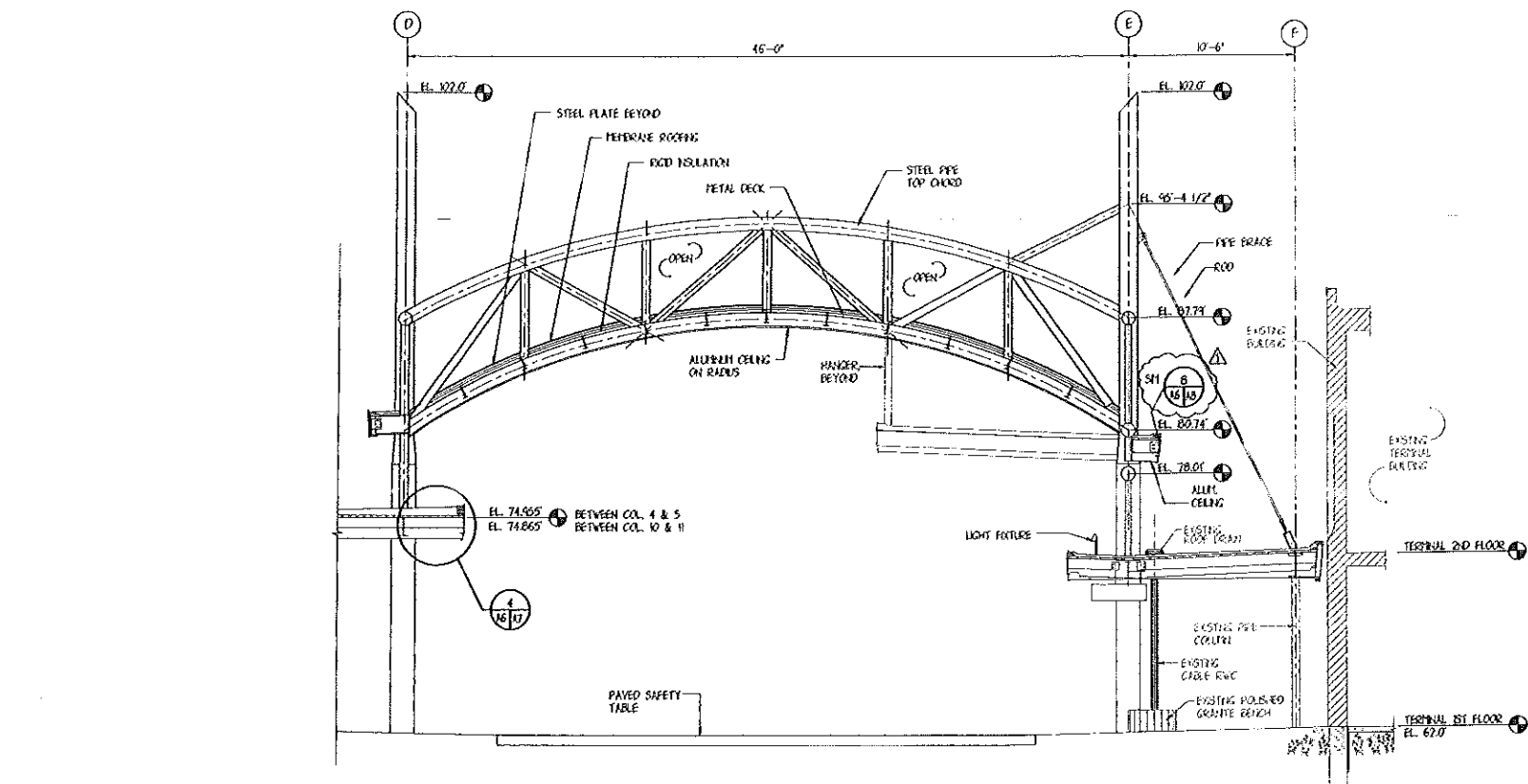


L:\PROJECTS\PORTLAND\PORTLAND.DWG 11/14/00 11:30:33 AM

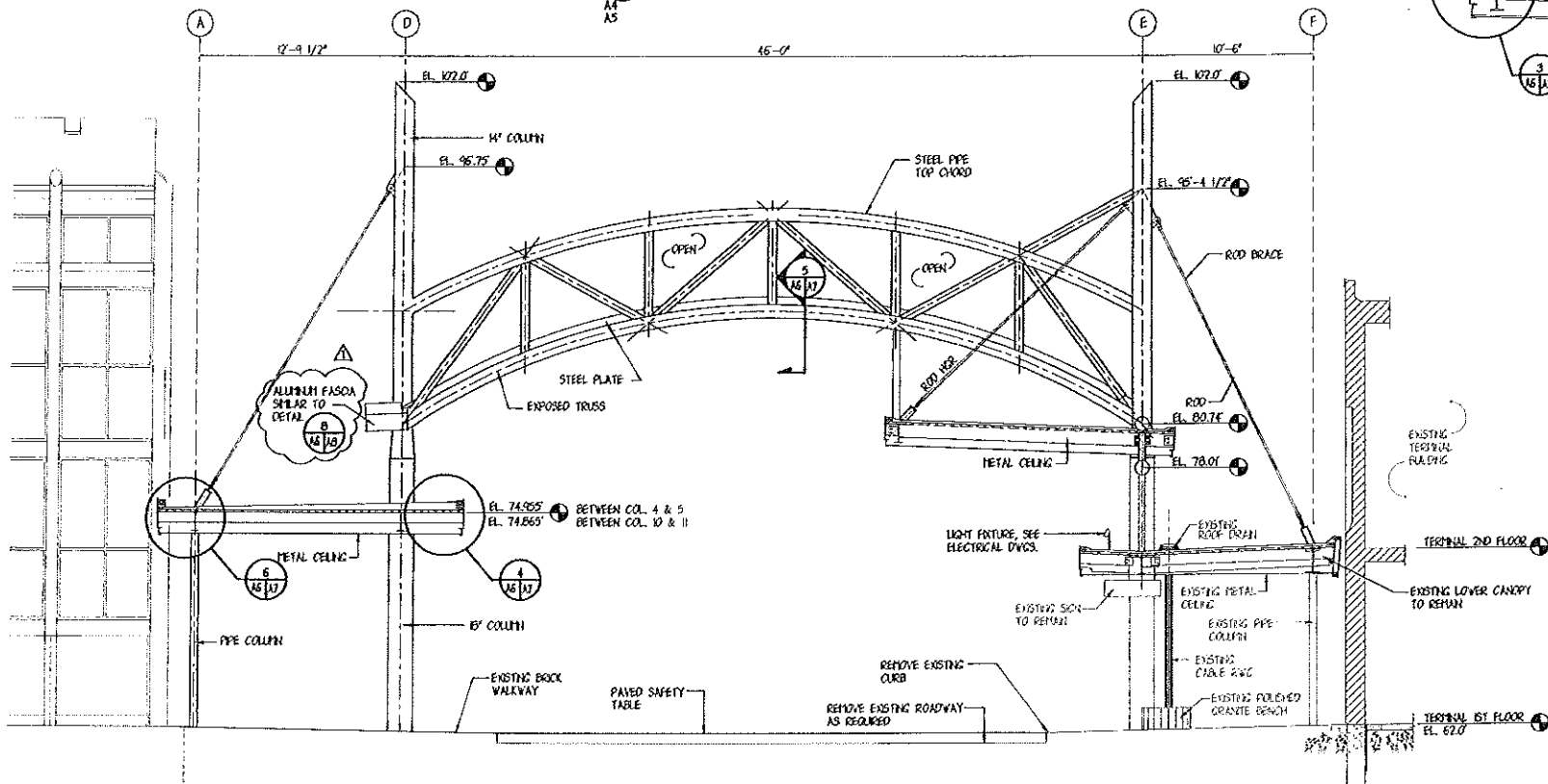
PORTLAND INTERNATIONAL JETPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE	
CITY OF PORTLAND PORTLAND, MAINE	
NORTH ELEVATION	
REVISION (CLASSIFICATION OF NEW COLUMN AND SUPPORT BARS) 1 0 REV	DATE 8.10.00 7.24.00 DATE
PROJECT NO. 707.05.31	DRAWING NO. A-5
SCALE: 1/8" = 1'-0" DATE: AUGUST 16, 2000 DES BY: J. HENNESSEY DAN BRILL, RODRIGUES CHK BY:	SHEET OF 1 31 DWG NO. 7070531



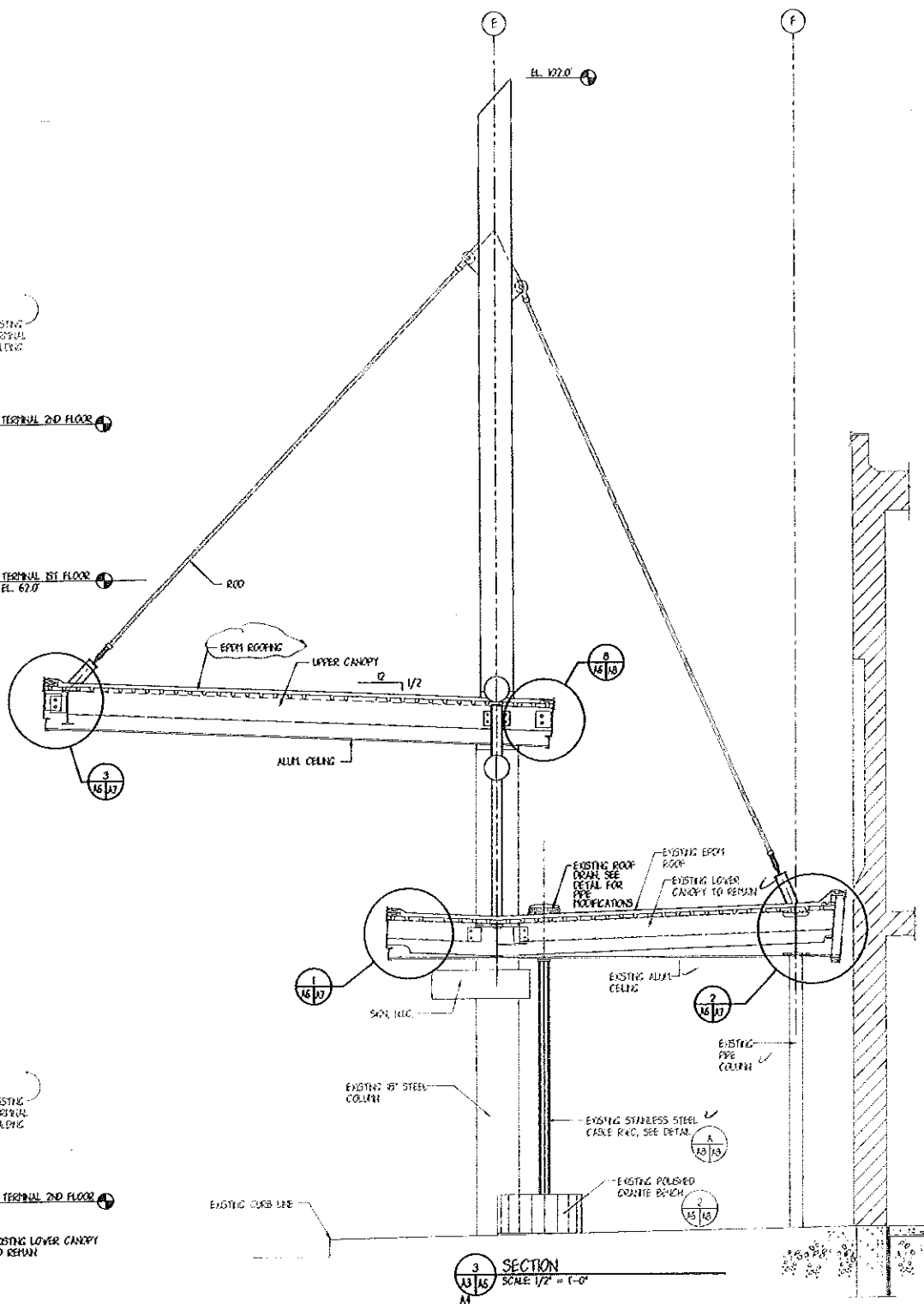
OEST Associates, Inc.
 343 Gotham Road South Portland, ME 04106



2 SECTION
 A3 A6
 A4 A5
 SCALE 1/4" = 1'-0"



1 SECTION
 A3 A6
 A4 A5
 SCALE 1/4" = 1'-0"

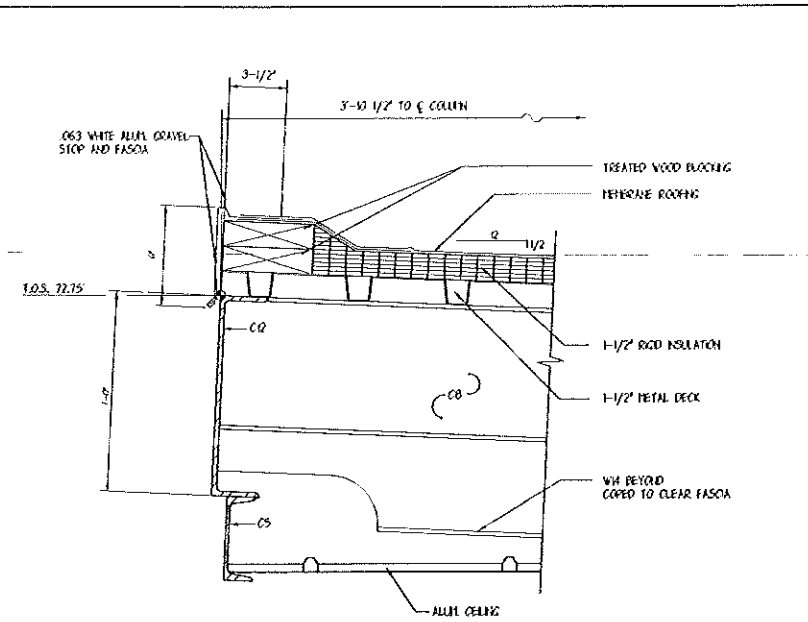


3 SECTION
 A3 A6
 A4 A5
 SCALE 1/2" = 1'-0"

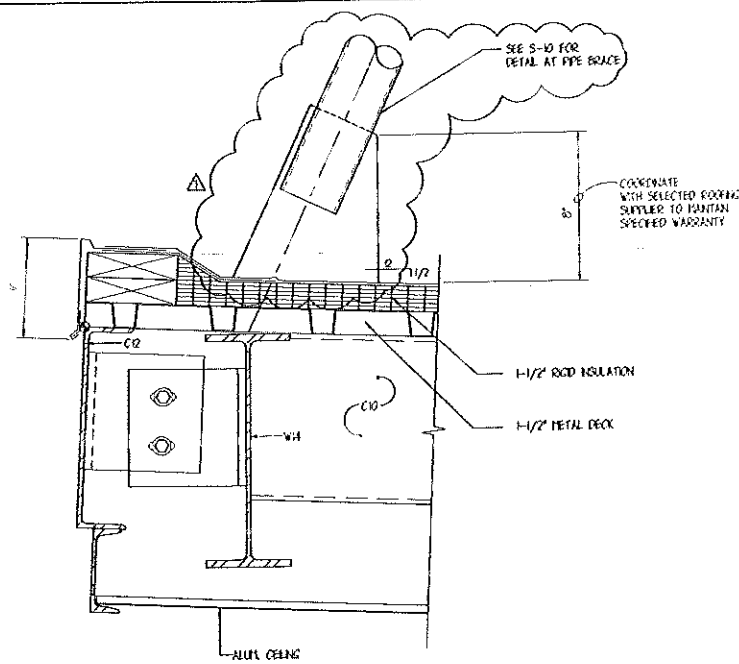


PORTLAND INTERNATIONAL JETPORT PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
SECTIONS			
1	REVISION 1 (GENERAL NOTE REVISIONS)	J.R. JAS	8.8.00
0	ISSUED FOR BID	J.R. JAS	7.24.00
REV.	DESCRIPTION	DR. BY	CHK. BY DATE
SCALE: AS NOTED DATE: AUGUST 16, 2000 DES. BY: J. HENNESSEY DWN. BY: J. KOOZEKERS CHK. BY:			
OEST Associates, Inc. 343 Gotham Road South Portland, ME 04106		PROJECT NO. 707.05.03	DRAWING NO. A-6
		SHEET 10	OF 31
		GAS NO. 70702A6	

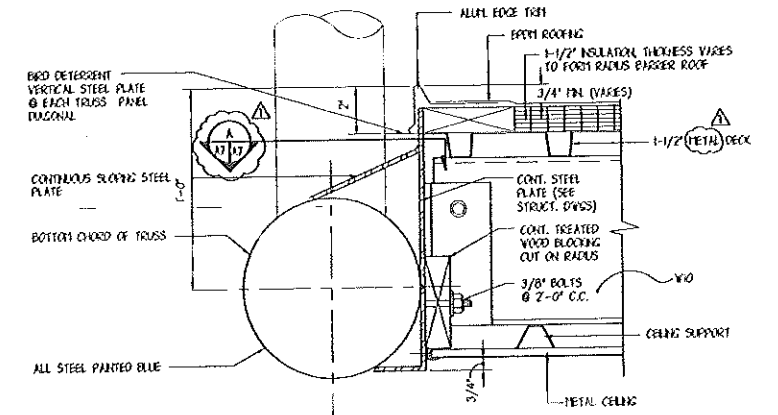
CONSULTING ENGINEER - CIVIL AND STRUCTURAL ENGINEERING



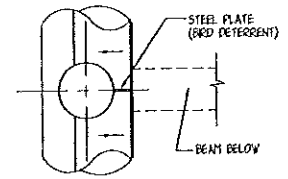
1 EDGE DETAIL OF LOWER CANOPY
SCALE: 3" = 1'-0"



3 EDGE DETAIL OF UPPER CANOPY
SCALE: 3" = 1'-0"

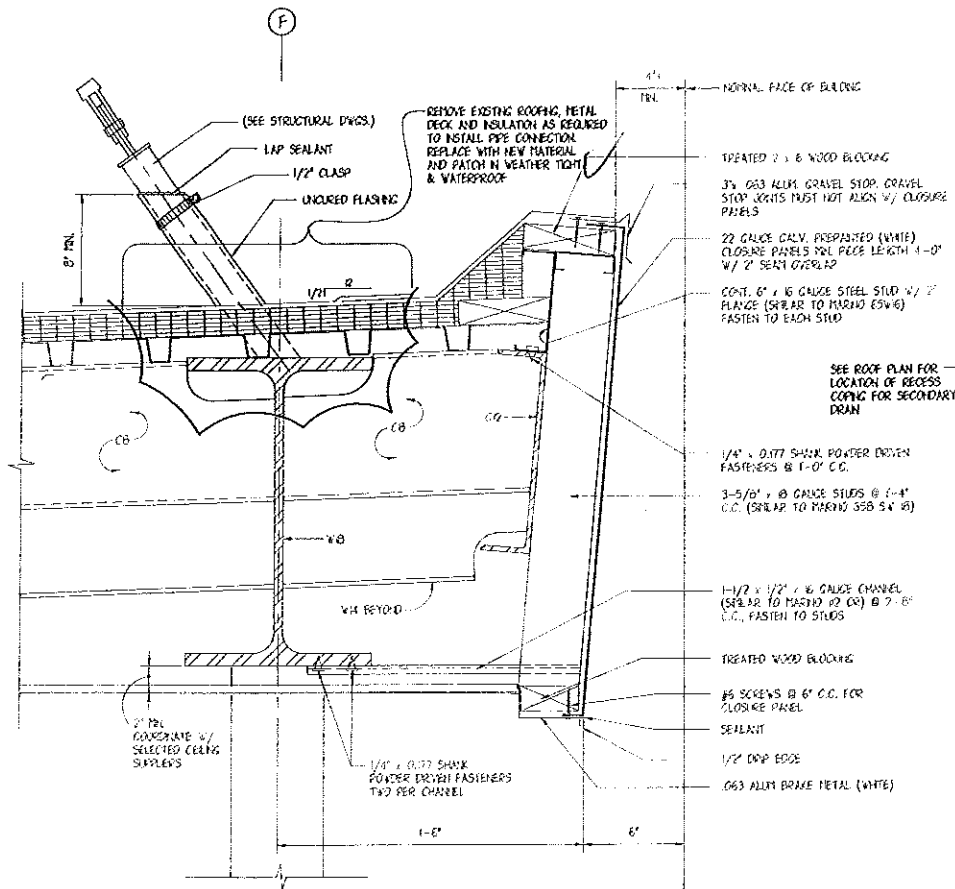


5 DETAIL
SCALE: 3" = 1'-0"

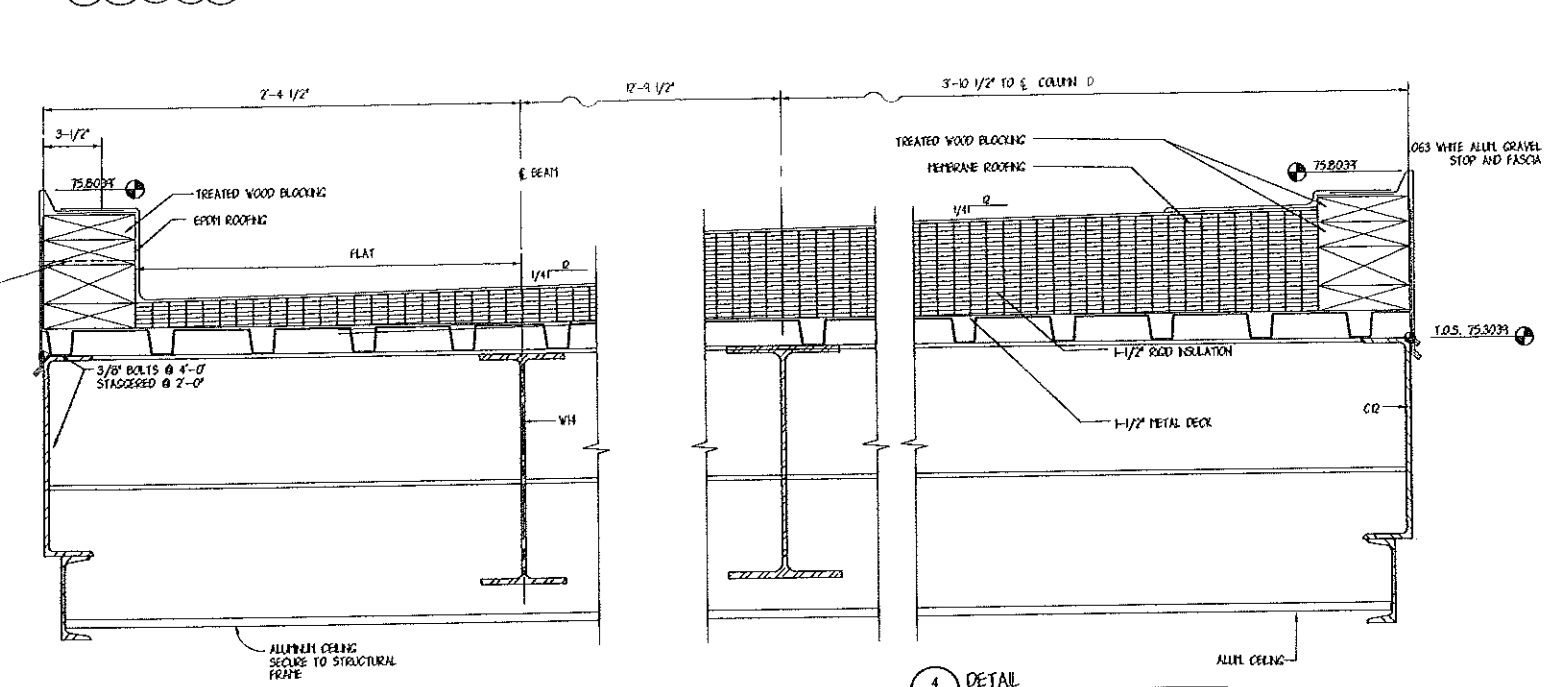


A DETAIL
SCALE: 1-1/2" = 1'-0"

NOTE: PAINT ALL NEW & EXISTING EXPOSED STRUCTURAL STEEL



2 DETAIL @ LOWER CANOPY AT EXISTING WALL
SCALE: 3" = 1'-0"

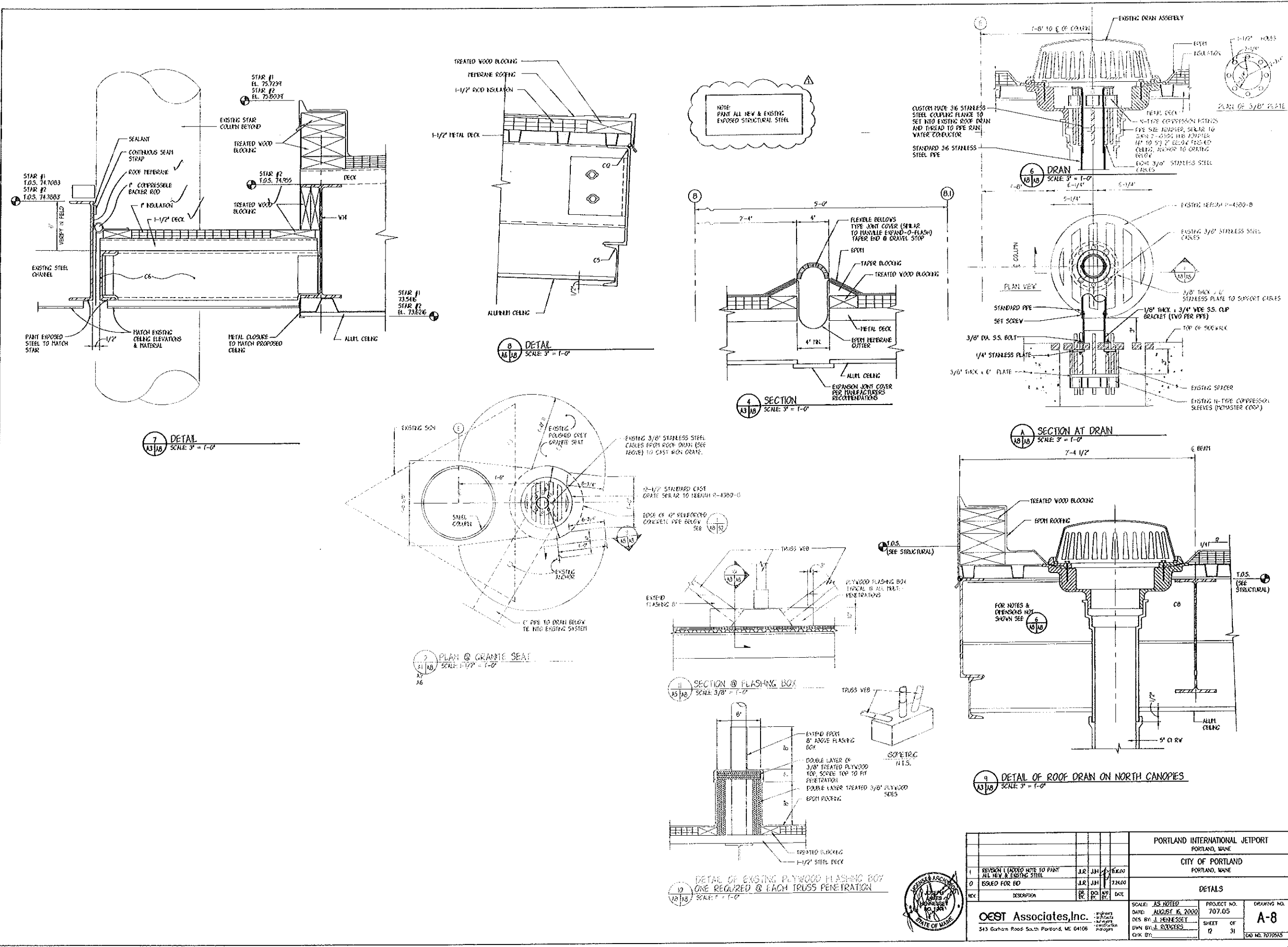


6 DETAIL
SCALE: 3" = 1'-0"

4 DETAIL
SCALE: 3" = 1'-0"



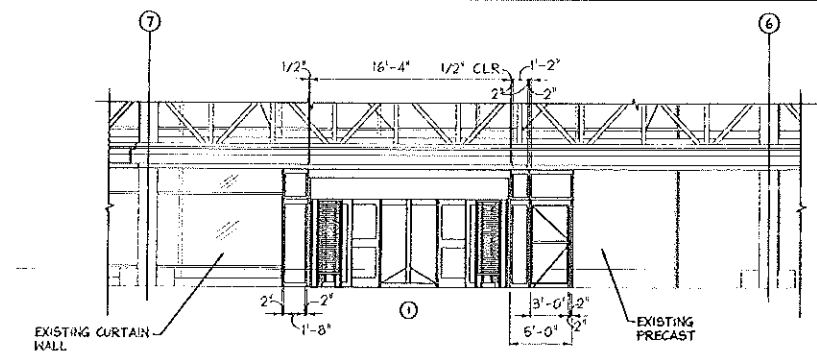
PORTLAND INTERNATIONAL AIRPORT PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
DETAILS			
1	REVISION 1 (GENERAL NOTE REVISIONS)	J.R.	J.H.
0	ISSUED FOR BID	J.R.	J.H.
REV.	DESCRIPTION	BY	DATE
OEST Associates, Inc.		PROJECT NO. 707.05	
343 Gotham Road South Portland, ME 04106		DATE: AUGUST 16, 2000	
DESIGNED BY: J. HENNESSY		DRAWN BY: J. HENNESSY	
CHECKED BY: J. HENNESSY		DATE: 08/16/00	
SCALE: AS NOTED		SHEET 11 OF 31	
DRAWING NO. A-7		JOB NO. 707.05	



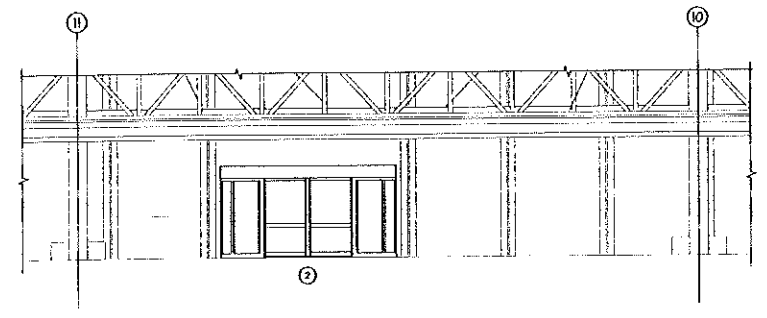
NOTE:
PAINT ALL NEW & EXISTING EXPOSED STRUCTURAL STEEL

PORTLAND INTERNATIONAL JETPORT PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
DETAILS			
REVISION 1 ADDED NOTE TO PAINT ALL NEW & EXISTING STEEL	JLR	JH	10/15/00
ISSUED FOR ED	JLR	JH	12/16/00
REV. DESCRIPTION	BY	CHK	DATE
PROJECT NO. 707.05			
DATE: AUGUST 16, 2000			
DES. BY: J. HENNESSEY			
DWN. BY: J. ROGERS			
DRAWING NO. A-8			
SHEET OF 2 31			
C&K BY: CAD NO. 7070513			

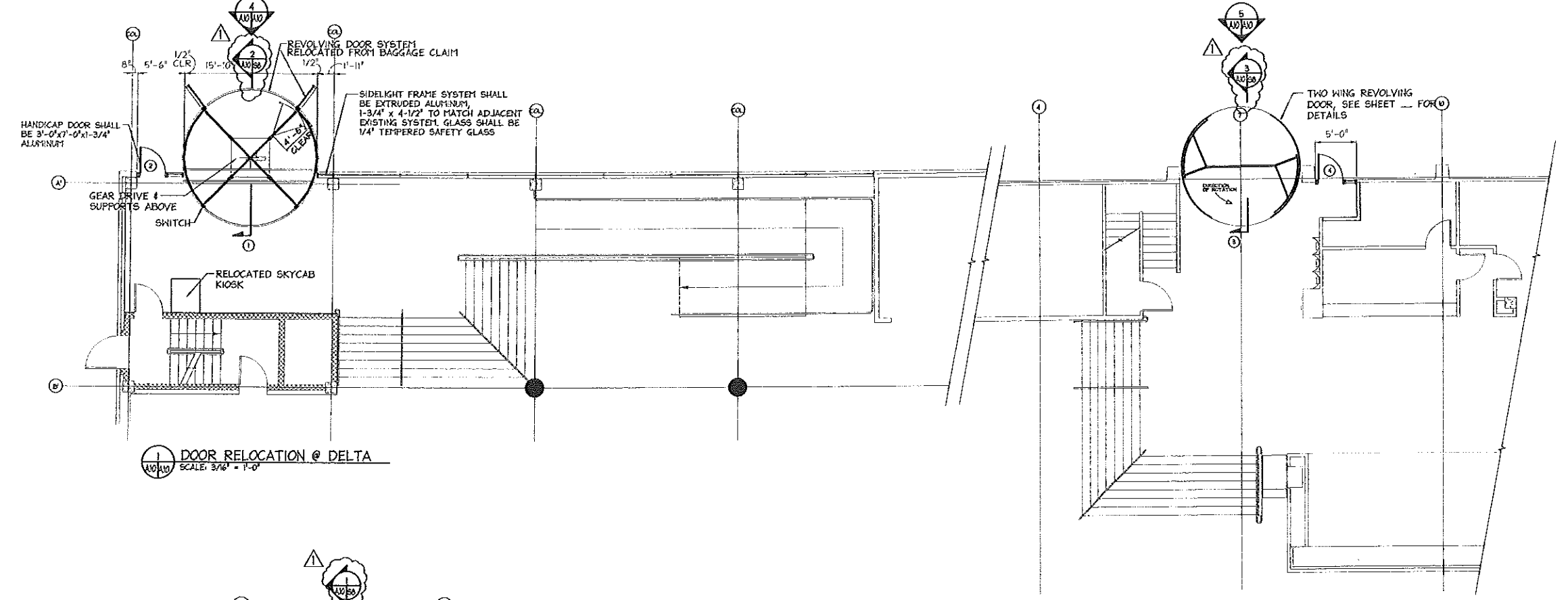
PORTLAND INTERNATIONAL JETPORT, MAINE
 AUGUST 16, 2000
 J. HENNESSEY
 ARCHITECT



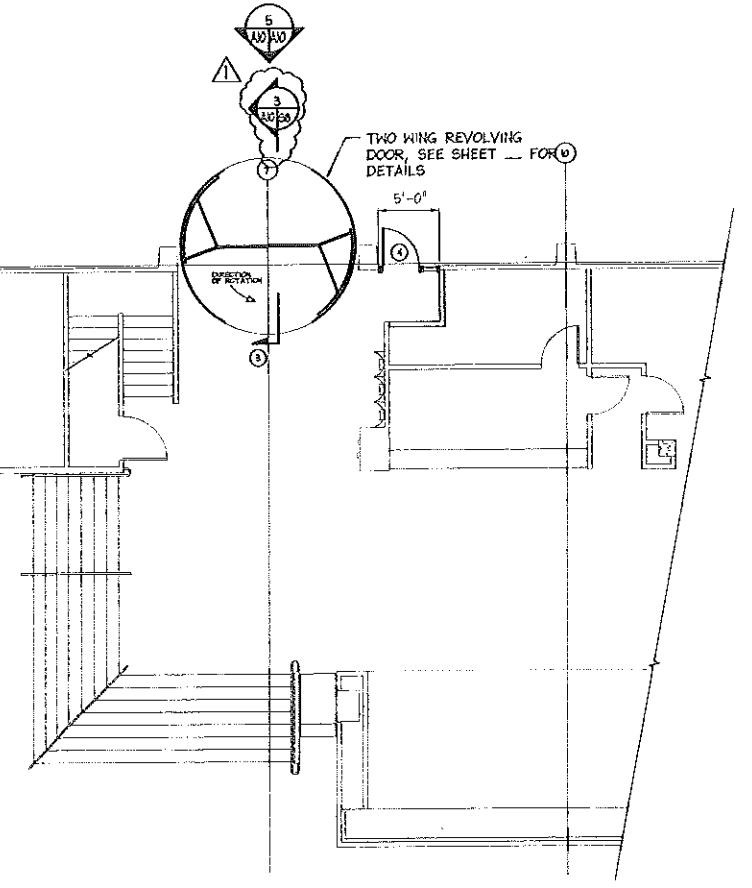
4 RELOCATED REVOLVING DOOR @ DELTA
SCALE: 3/16" = 1'-0"



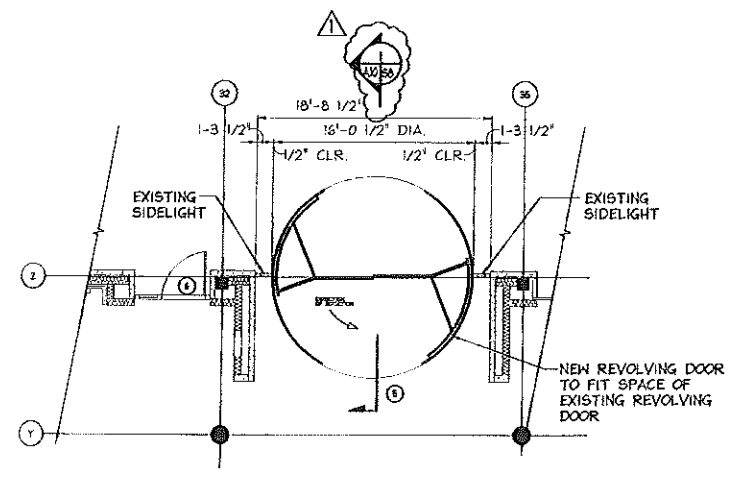
5 NEW REVOLVING DOOR @ CONTINENTAL
SCALE: 3/16" = 1'-0"



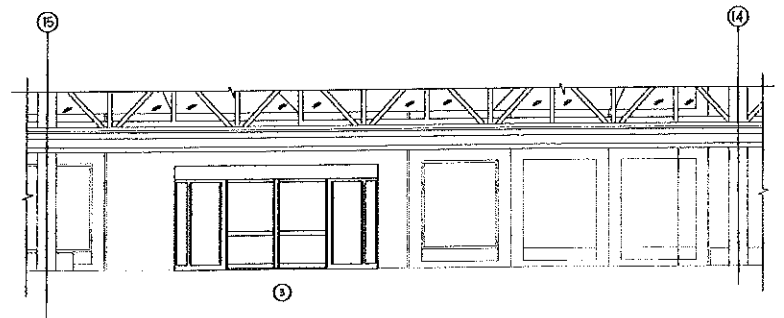
1 DOOR RELOCATION @ DELTA
SCALE: 3/16" = 1'-0"



2 NEW REVOLVING DOOR @ CONTINENTAL
SCALE: 3/16" = 1'-0"



6 NEW REVOLVING DOOR @ BAGGAGE CLAIM
SCALE: 3/16" = 1'-0"

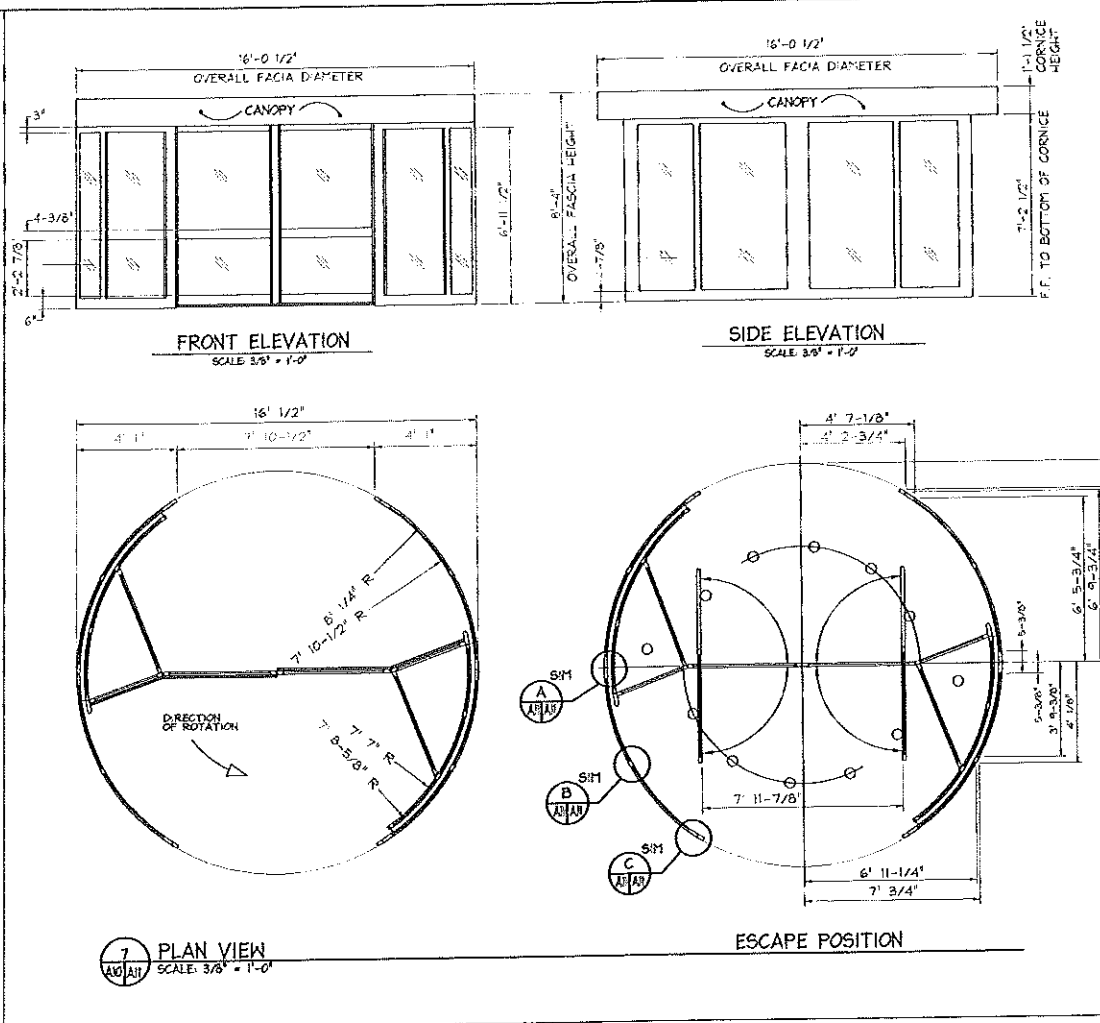
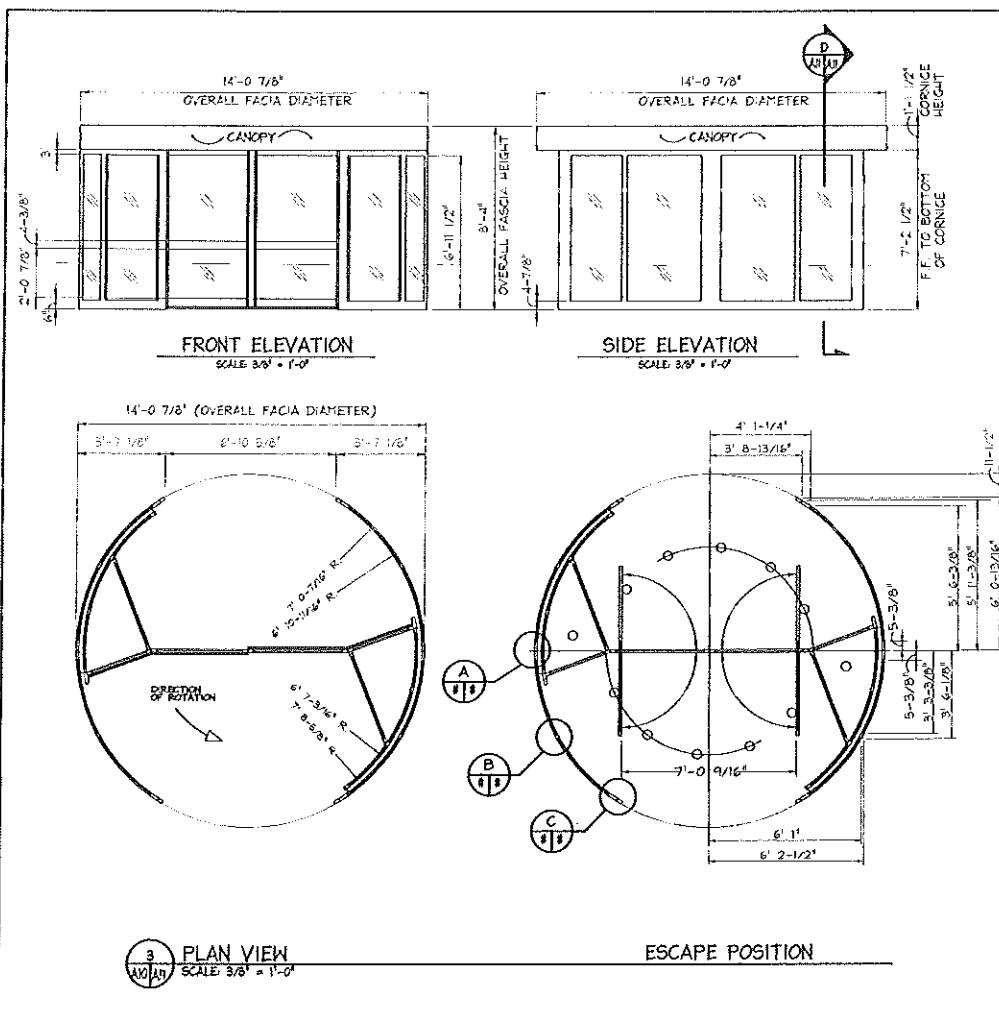


6 REVOLVING DOOR @ BAGGAGE CLAIM
SCALE: 3/16" = 1'-0"

PORTLAND INTERNATIONAL AIRPORT PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
REVOLVING DOOR PLANS AND ELEVATIONS			
1	REVISION 1	JLR JLR	8.16.00
0	ISSUED FOR BID	JLR JLR	7.24.00
REV	DESCRIPTION	BY	DATE
SCALE: 1/8" = 1'-0"		PROJECT NO.	DRAWING NO.
DATE: AUG. 16, 2000		707.05.31	A-10
DES BY: J. HENNESSEY		SHEET OF	31
DWN BY: J. RODGERS		14	
CHK BY:			



OEST Associates, Inc.
343 Gorham Road South Portland, ME 04066
engineers, architects, interior designers, construction managers



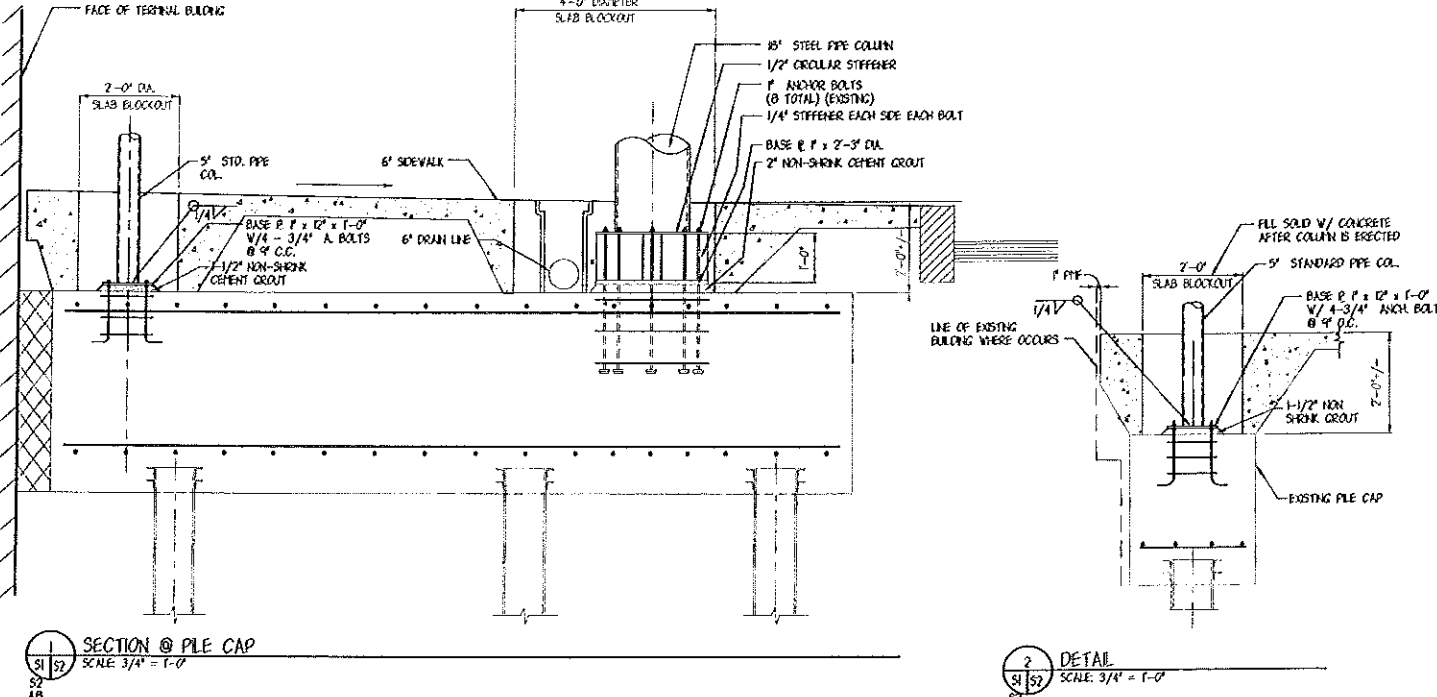
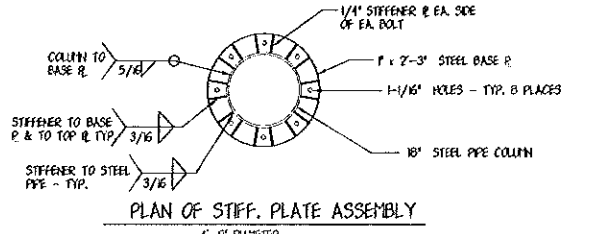
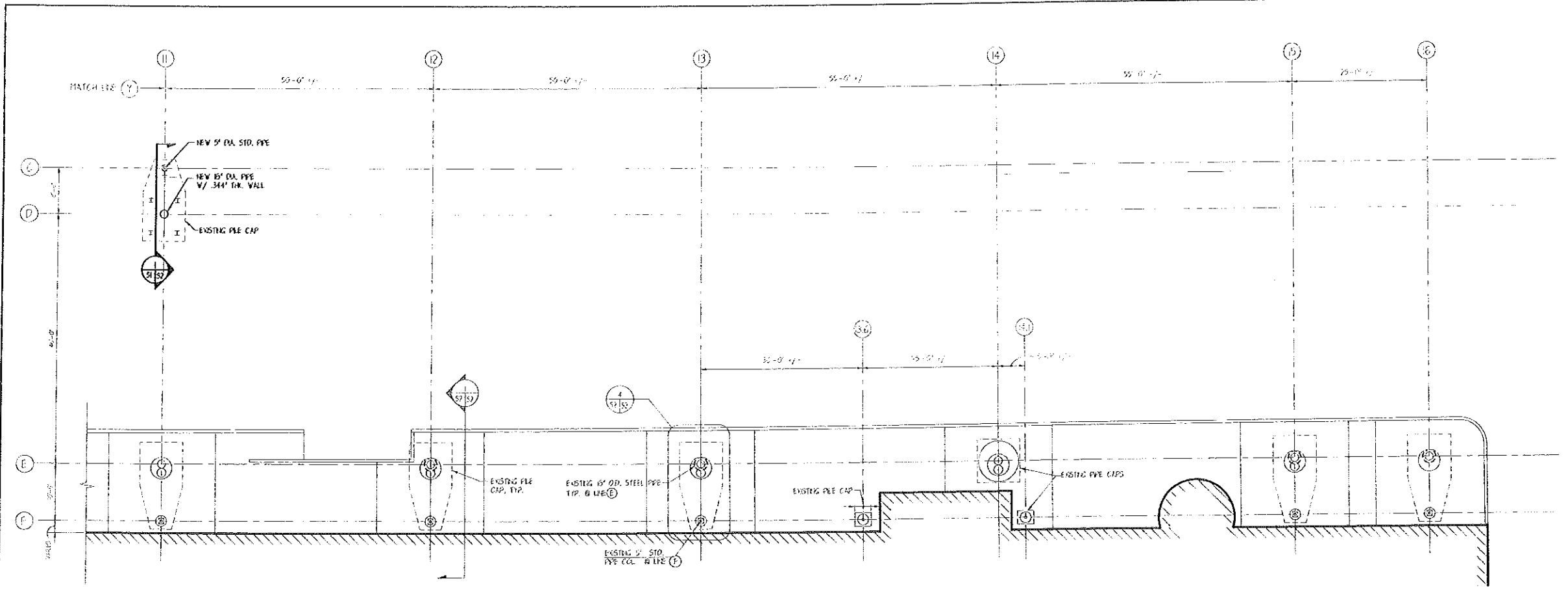
GENERAL NOTES:

1. GENERAL CONTRACTOR IS TO ENSURE THAT THE FLOOR IS CONSTRUCTED LEVEL AND FLAT TO WITHIN 1/4" THROUGHOUT THE REVOLVING DOOR FLOOR AREA.
2. THE WALL PANELS ARE FIXED DIRECTLY TO THE FINISHED FLOOR. NO FLOOR FRAME OR RECESSES ARE REQUIRED FOR ENTRE-MATIC EQUIPMENT. THE FLOOR CONSTRUCTION IS TO WITHSTAND THE FOLLOWING LOADS THROUGH THE OUTER WALL PANELS. 3750 LBS. EVENLY DISTRIBUTED UNDER THE WALL PANELS.
3. EMERGENCY BREAKOUT SYSTEM; A PAIR OF NORMALLY CLOSED DRY CONTACT CIRCUITS ARE REQUIRED FROM THE FIRE ALARM CONTROL PANEL FOR CONNECTION DIRECT TO DOOR CONTROL PANEL.
4. STANDARD FEATURES;
 - * (1) MICRO PROCESSOR CONTROL UNIT.
 - * (2) PERIMETER DRIVE ASSEMBLIES.
 - * 7/16" CLEAR BENT LAMINATED AND 1/4" CLEAR FLAT TEMPERED GLASS.
 - * SAFETY DEVICES (VERTICAL)
 - (2) PDR SENSORS (NO TOUCH) AT THROAT OPENING.
 - (2) CFD SENSORS (NO TOUCH) ON OUTER EDGES OF ROTATING WINGS.
 - (2) COMPRESSIBLE SAFETY SWITCHES ON OUTER EDGES OF ROTATING WINGS.
 - * SAFETY DEVICES (HORIZONTAL)
 - (2) CFD SENSORS (NO TOUCH) ON WING PANEL MID RAILS, DUAL FIELD DETECTION.
 - (4) COMPRESSIBLE SAFETY SWITCHES ON BOTTOM EDGES OF WING PANELS.

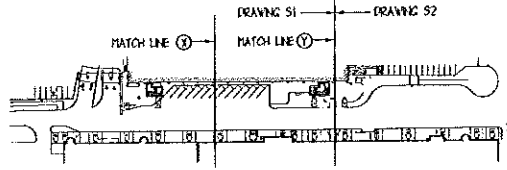
- POWER REQUIREMENTS;
- * (2) 120VOLT 20AMP 60HZ DEDICATED CIRCUITS.
- ALUMINUM;
- MINIMUM EXTRUSION THICKNESS .125
 - BENT AND FLAT EXTRUSIONS.
 - FINISH (AS SPECIFIED)

DOOR KEY	
NO	
A	EXISTING REVOLVING DOOR TO REMAIN (16'-0" DIA.)
B	EXISTING REVOLVING DOOR TO REMAIN (14'-0" DIA.)
1	RELOCATED REVOLVING DOOR TO DELTA ENTRANCE (16'-0" DIA.)
2	NEW 3'-0" x 7'-0" HANDICAP DOOR, FRAME AND HARDWARE
3	NEW REVOLVING DOOR @ CONTINENTAL ENTRANCE (14'-0" DIA.)
4	NEW 3'-0" x 7'-0" HANDICAP DOOR W/ SIDELIGHT, FRAME AND HARDWARE
5	NEW REVOLVING DOOR AT BAGGAGE CLAIM (16'-0" DIA.)
6	EXISTING HANDICAP DOOR TO REMAIN
7	EXISTING SLIDING DOOR TO BE REMOVED
8	EXISTING SLIDING DOOR TO BE REMOVED
9	REMOVE EXISTING DOOR. INSTALL 3'-0" x 7'-0" DOOR W/ VISION PANEL, FRAME TO REMAIN
10	EXISTING SLIDING DOOR TO BE REMOVED
11	EXISTING SLIDING DOOR TO BE REMOVED

		PORTLAND INTERNATIONAL JETPORT PORTLAND, MAINE	
		CITY OF PORTLAND PORTLAND, MAINE	
1	REVISION 1	J.R.J.H.	8.14.00
0	ISSUED FOR BID	J.R.J.H.	7.20.00
REV	DESCRIPTION	BY	DATE
OEST Associates, Inc. 843 Gorham Road South Portland, ME 04106		PROJECT NO. 707.05.31	DRAWING NO. A-11
DATE	DES BY	CHECK BY	SHEET OF
1/20	J. HENNESSEY	J. RODGERS	15 31

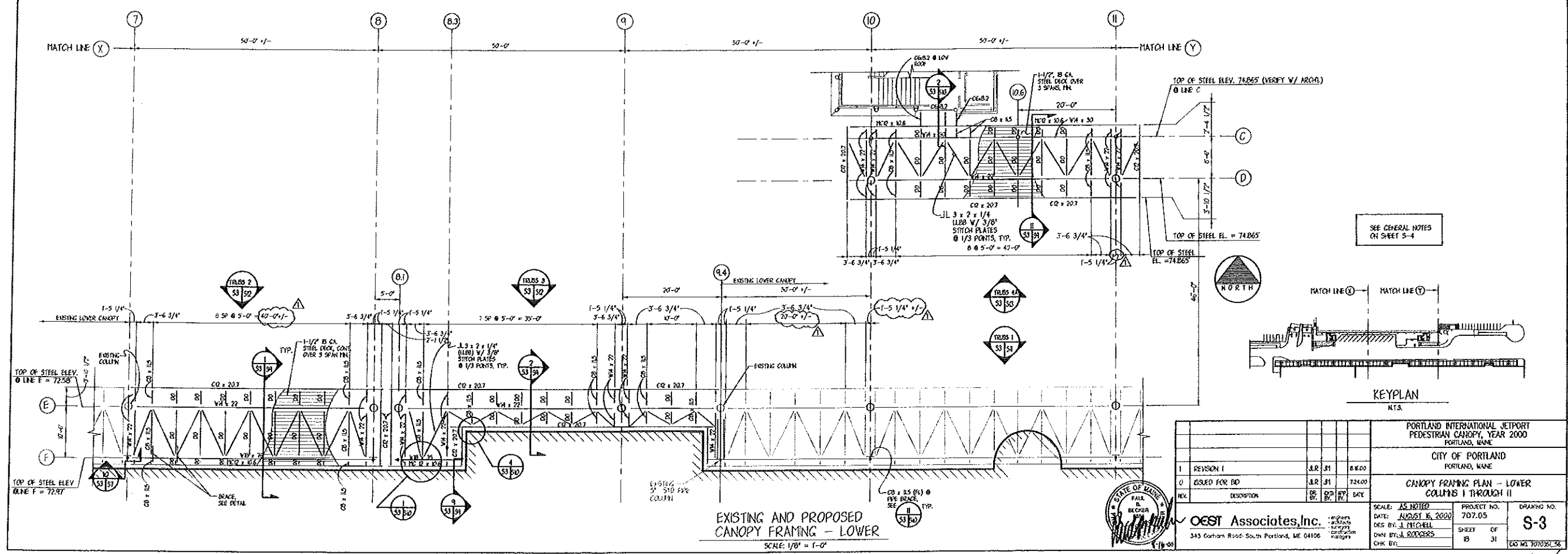
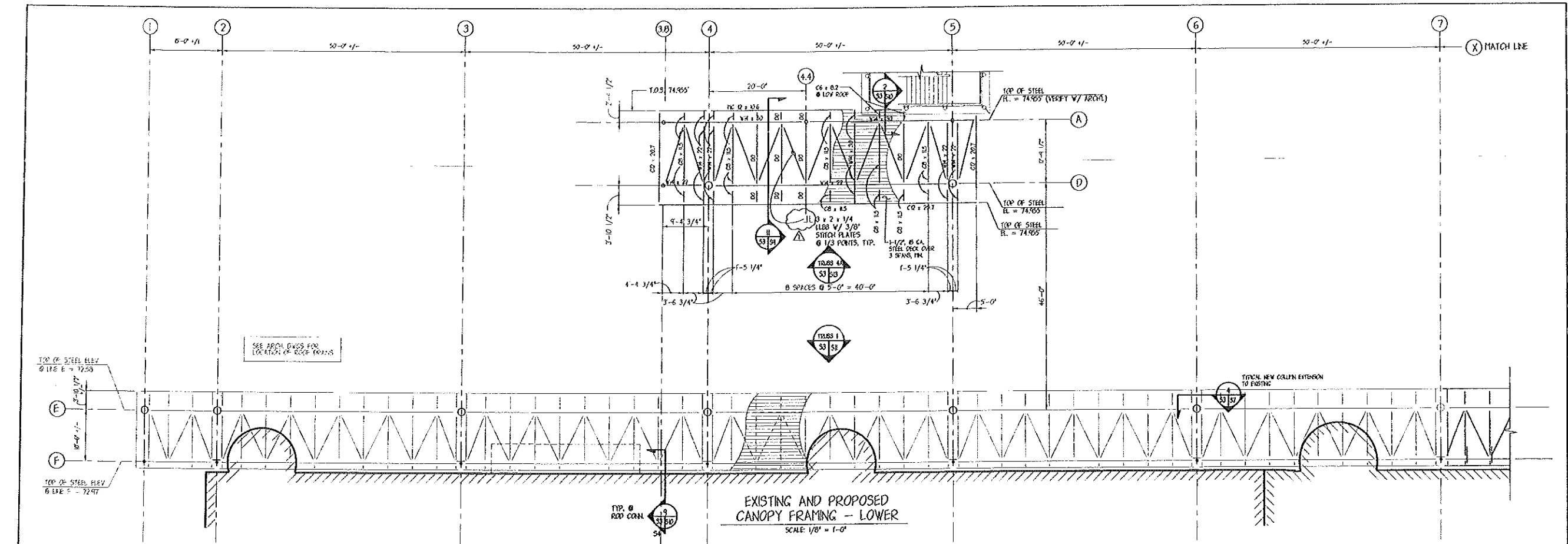


SEE GENERAL NOTES ON SHEET S-1



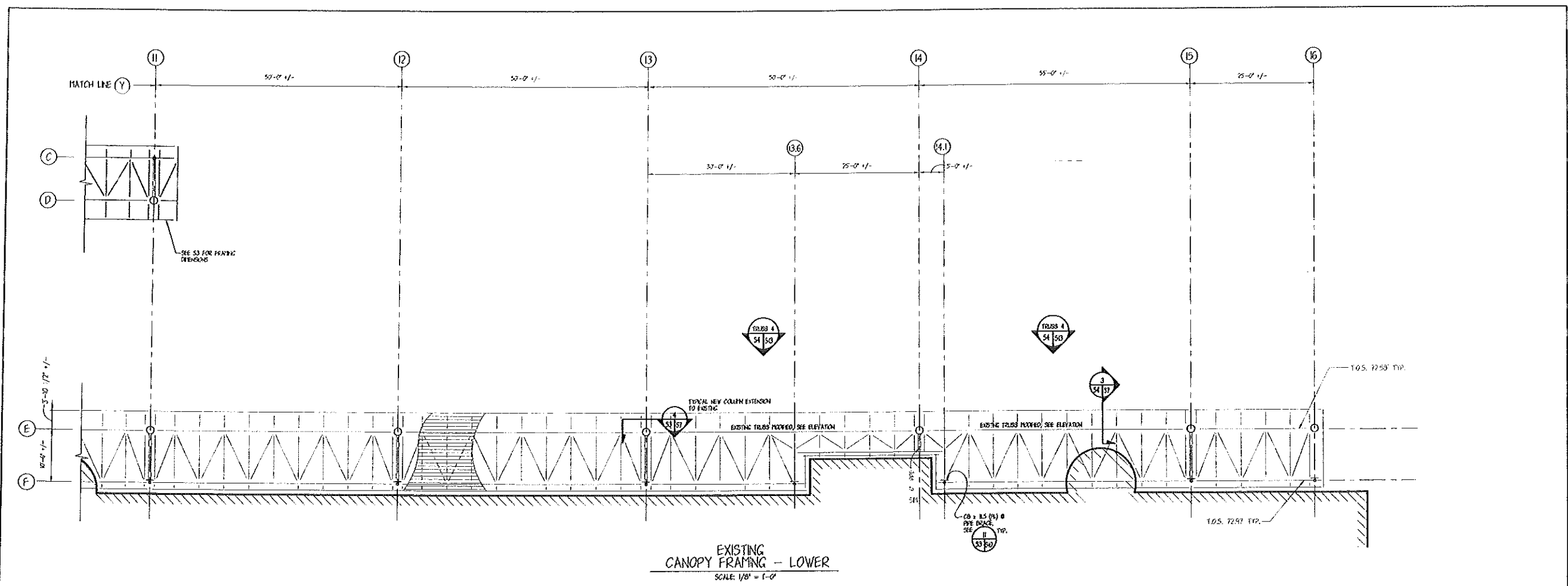
PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
EXISTING FOUNDATION PLAN & DETAILS COLUMNS 11 THROUGH 16			
REVISION	DATE	BY	CHK
1	ISSUED FOR BO	LR	JH
0			
PROJECT NO.	707.05	DRAWING NO.	
S-2		SHEET OF	
17		31	
SCALE:	AS NOTED	PROJECT NO.	707.05
DATE:	AUG. 16, 2000	DRAWING NO.	S-2
DESIGN BY:	J. MITCHELL	SHEET	OF
DRAWN BY:	J. RODDERS	17	31
CHK BY:		JOB NO. 797995.52	

10/20/00 10:45 AM C:\WORK\1000\1000.DWG Plot Aug 16, 2000 10:45 AM



PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
CANOPY FRAMING PLAN - LOWER COLUMNS I THROUGH II			
REVISION	DESCRIPTION	BY	DATE
1	REVISION 1	J.R. JF	8.16.00
0	ISSUED FOR BID	J.R. JF	7.24.00
DESIGNED BY	CHECKED BY	DATE	
J.R. JF	J.R. JF		
SCALE: AS NOTED		PROJECT NO.	DRAWING NO.
DATE: AUGUST 16, 2000		707.05	707.05
DESIGN BY: J. MITCHELL		SHEET	OF
DRAWN BY: J. RODGERS		10	31
CHECK BY:			
OEST Associates, Inc.		343 Gotham Road South Portland, ME 04106	
STATE OF MAINE PAUL B. ROBERTS REGISTERED PROFESSIONAL ENGINEER		OEST NO. 707058.05	

PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000
 PORTLAND, MAINE
 CANOPY FRAMING PLAN - LOWER
 COLUMNS I THROUGH II
 SHEET 10 OF 31
 OEST NO. 707058.05



GENERAL NOTES

CODES

- ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE BOCA NATIONAL BUILDING CODE.
- ADDITIONAL REFERENCED STANDARDS (THE LATEST EDITION):
 - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "MANUAL OF STEEL CONSTRUCTION - ALLOWABLE STRESS DESIGN"
 - AMERICAN CONCRETE INSTITUTE ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
 - AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS"

DESIGN LOADS

IN ADDITION TO STRUCTURE DEAD LOADS, THE FOLLOWING SHALL BE USED IN DESIGN:

- WIND FORCES:** BASIC WIND SPEED 85 MILES PER HOUR
IMPORTANCE FACTOR 1.23
EXPOSURE C
- SEISMIC FORCES:** SEISMIC PERFORMANCE CATEGORY C
SEISMIC HAZARD GROUP I
EFFECTIVE PEAK VELOCITY-RELATED ACCELERATION COEFFICIENT (A_v) = 0.10
EFFECTIVE PEAK ACCELERATION COEFFICIENT (A_h) = 0.10
SOIL PROFILE TYPE S = 1.0
RESPONSE MODIFICATION FACTOR, R = 4.5
DEFLECTION AMPLIFICATION FACTOR, $C_d = 4.0$
- SNOW LOADS:** GROUND SNOW LOAD, $P_g = 60$ PSF
SNOW EXPOSURE FACTOR, $C_e = 0.7$
SNOW IMPORTANCE FACTOR, $I = 1.1$
MINIMUM SNOW LOAD = 20 PSF PLUS DRIFTING LOADS AS DETERMINED BY BOCA REQUIREMENTS

GEOTECHNICAL ENGINEERING REPORT

- THE FOUNDATION DESIGN SHALL BE IN ACCORDANCE WITH "GEOTECHNICAL ENGINEERING REPORT - PORTLAND AIRPORT CANOPY PROJECT", DATED JUNE 1995, PREPARED BY NORTHROP, DEVANE & TARBELL, INC. OF PORTLAND, MAINE.
- ALLOWABLE SOIL BEARING CAPACITY FOR SHALLOW FOUNDATIONS IS 3000 PSF.

SUBMITTALS

- SHOP DRAWINGS FOR ALL STRUCTURAL ITEMS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO ANY FABRICATION.
- CALCULATIONS, CONNECTION DESIGN CALCULATIONS AND SHOP DRAWINGS SHALL BE STAMPED AND SIGNED BY A REGISTERED PROFESSIONAL ENGINEER WHO IS REGISTERED IN THE STATE OF MAINE WHO IS RESPONSIBLE FOR THEIR DESIGN.

GENERAL

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
- DURING ERECTION AND CONSTRUCTION SHORING AND TEMPORARY BRACING OF ALL STRUCTURAL COMPONENTS AND ASSEMBLIES SHALL BE PROVIDED.
- THE STRUCTURAL ENGINEER & ARCHITECT SHALL BE NOTIFIED OF ALL FIELD CHANGES OR DIMENSION DISCREPANCIES PRIOR TO FABRICATION OR INSTALLATION.
- THE CONTRACTOR SHALL COORDINATE THE STRUCTURAL WORK WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING WORK.

CONCRETE AND REINFORCING STEEL

- CURRENT EDITIONS OF THE FOLLOWING SPECIFICATIONS AND STANDARDS WILL APPLY UNLESS OTHERWISE MODIFIED IN THE DRAWING OF JOB SPECIFICATIONS:
 - ACI 301 SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS.
 - ACI 315 MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES.
 - ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
 - CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL.
- CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 4,000 PSI.
- CEMENT SHALL BE TYPE I OR TYPE II, CONFORMING TO ASTM C150.
- AGGREGATE SHALL CONFORM TO ASTM C33 WITH A MAXIMUM AGGREGATE SIZE OF 1-1/2"
- REINFORCING STEEL SHALL CONFORM TO ASTM A615-60 EXCEPT FOR TIES AND STRUPTS WHICH MAY BE GRADE 42.
- REINFORCING BARS SHALL BE LAPPED WITH A CLASS B OR BT SPLICE AS SPECIFIED IN ACI 318 UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS.
- REINFORCING STEEL SHALL HAVE A MINIMUM COVER PROTECTION AS FOLLOWS:

A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
B. CONCRETE EXPOSED TO WEATHER	2"
C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER	1-1/4"
- SLABS, JOISTS (1#1 BARS AND SMALLER) 3/4"
- BEAMS, COLUMNS:

PRIMARY REINFORCEMENT	2"
TIES, STRUPTS, SPIRALS	1-1/2"
- MECHANICAL REINFORCEMENT SPLICES ARE SUBJECT TO ENGINEER APPROVAL. MECHANICAL SPLICES SHALL DEVELOP 125% OF THE BAR YIELD STRENGTH AND SHALL BE QUALIFIED PER THE LATEST EDITION OF ACI 318.
- UNLESS OTHERWISE DETAILED, WELDING OF REINFORCEMENT IS NOT ALLOWED.
- HOOKS NOT DIMENSIONED SHALL BE STANDARD ACI HOOKS.
- BASE PLATE CROUT SHALL BE NON-SHRINK, NONMETALLIC TYPE WITH A MINIMUM COMPRESSIVE STRENGTH OF 7,000 PSI AT 28 DAYS.
- AT LOCATIONS WHERE NEW CONCRETE IS BEING PLACED AGAINST EXISTING CONCRETE, THE EXISTING CONCRETE SHALL BE SCARIFIED AND A BONDING AGENT APPLIED PRIOR TO PLACING THE NEW CONCRETE.

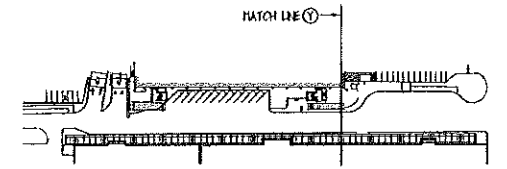
METAL DECK

- STEEL DECK SHALL CONFORM TO ASTM A446, GRADE A, OR B0 AND HAVE A MINIMUM $F_y = 33,000$ PSI. THE GALVANIZED COATING SHALL CONFORM TO ASTM A525.
- MINIMUM DECK GAGES ARE SHOWN ON THE PLANS AND ARE BASED ON A 3-SPAN, UNSHORED CONDITION. HEAVIER DECK GAGES MAY BE REQUIRED FOR CONDITIONS OTHER THAN THESE.
- DECK WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3, "SPECIFICATION FOR WELDING SHEET METAL IN STRUCTURES".
- PROVIDE CLOSURE PLATES, FLASHING, AND ALL MISCELLANEOUS LIGHT GAUGE METAL APPLIENCES NECESSARY TO COMPLETE THE WORK.
- THE MINIMUM END LAP SHALL BE 2" CENTERED OVER SUPPORTS. THE MINIMUM BEARING REQUIRED SHALL BE 2 INCHES.
- STEEL DECK FASTENING SHALL BE AS FOLLOWS:
 - FOUR 5/8" DIAMETER PUDDLE WELDS AT EACH SHEET AT EACH TRANSVERSE BEARING.
 - 1/2" DIAMETER PUDDLE WELDS AT 16" ON CENTER AT LONGITUDINAL SUPPORTS.
 - BUTTON PUNCH, 1-1/2" TOP OR SIDE SEAM WELD, OR #10 TEX SCREWS AT 18" ON CENTER AT SIDE LAPS.

STRUCTURAL STEEL

- STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION.
- HIGH STRENGTH BOLTS SHALL BE IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325N BOLTS, UNLESS NOTED OTHERWISE.
- WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, "STRUCTURAL WELDING CODE - STEEL".
- STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING:

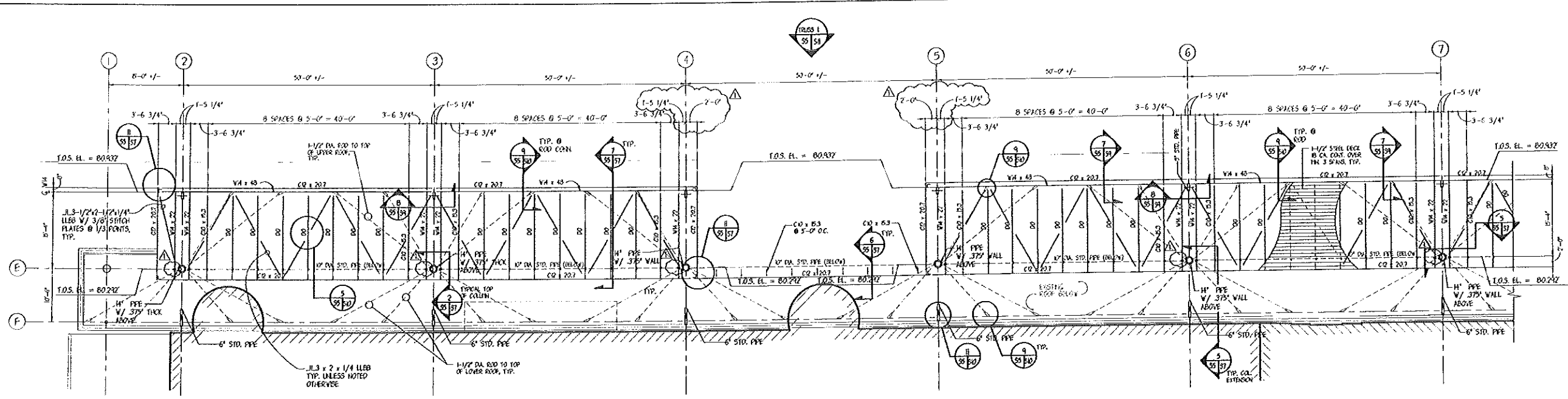
A. STRUCTURAL STEEL SHAPES, BASE PLATES, CONNECTIONS MATERIAL, EMBEDDED ITEMS AND MISCELLANEOUS STEEL	ASTM A36
B. STRUCTURAL STEEL PIPE 10 INCHES AND SMALLER	ASTM A53, GRADE B
C. STRUCTURAL STEEL PIPE 14 INCHES AND LARGER	ASTM A252, GRADE B
D. STRUCTURAL TUBES	ASTM A500, GRADE B
E. STRUCTURAL BOLTS	ASTM A325N
F. ANCHOR BOLTS	ASTM A307 OR ASTM A36
G. THREADED RODS (1" AND LARGER)	ASTM A572, OR 50
F. WELDING ELECTRODES	E70XX
- SUBSTITUTION OF MEMBERS OR STEEL GRADE IS NOT PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- ALL MEMBERS ARE TO BE ERECTED WITH CAMBER UP.
- MINIMUM CONNECTION LOAD FOR BRACING SHALL BE 50% OF THE TENSION CAPACITY OF THE MEMBER, BUT NOT LESS THAN 6 KIPS OR THE LOAD INDICATED ON THE DRAWINGS.
- UNLESS NOTED OTHERWISE, BOLTED CONNECTIONS SHALL USE 3/4" DIAMETER ASTM A325N BOLTS, A563 NUTS, AND F436 WASHERS. CONNECTIONS SHALL BE DESIGNED AS BEARING CONNECTIONS WITH THREADS INCLUDED IN THE SHEAR PLANE, EXCEPT FOR REVERSIBLE LOADS WHICH SHALL BE DESIGNED AS SUP CRITICAL CONNECTIONS AND FOR CONNECTION NOTED AS "SC".



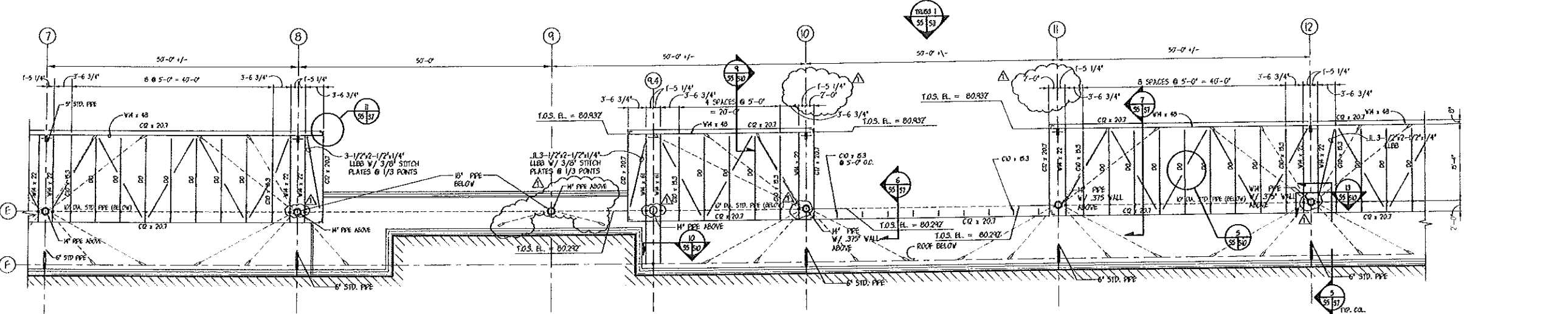
PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
CANOPY FRAMING PLAN - LOWER COLUMNS 11 THROUGH 16			
1	REYSON I	J.R. JH	8.6.00
0	ISSUED FOR BID	J.R. JH	7.24.00
REV.	DESCRIPTION	BY	DATE

SCALE: AS NOTED DATE: AUGUST 15, 2000 DES BY: J. MITCHELL DWG BY: J. RODGERS CHK BY:	PROJECT NO. 707.05 SHEET OF 14 31 DRAWING NO. S-4 JOB NO. 707059.03
--	---

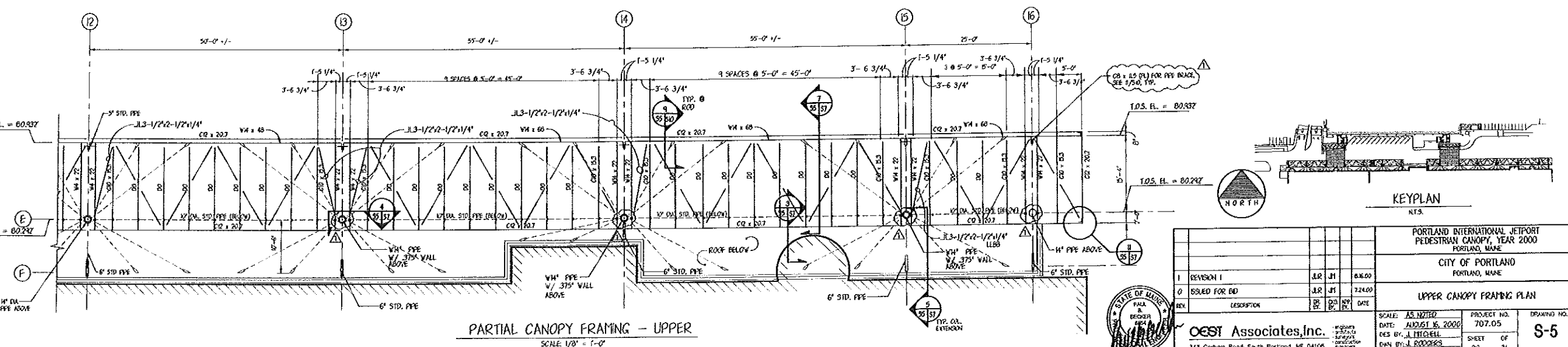




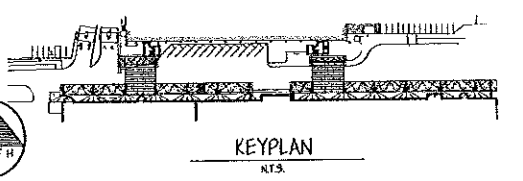
PARTIAL CANOPY FRAMING - UPPER
SCALE: 1/8" = 1'-0"



PARTIAL CANOPY FRAMING - UPPER
SCALE: 1/8" = 1'-0"



PARTIAL CANOPY FRAMING - UPPER
SCALE: 1/8" = 1'-0"

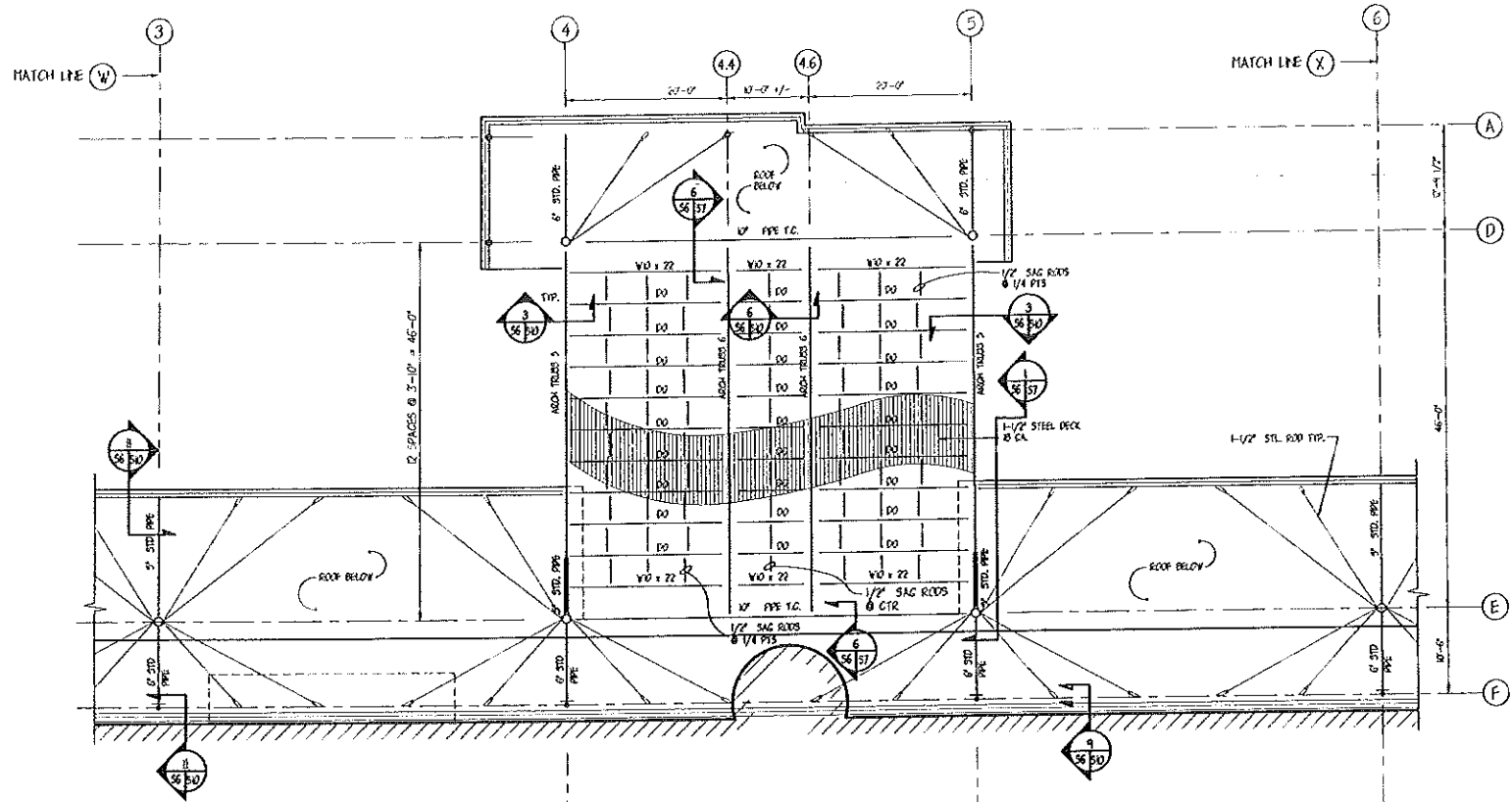


PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE		PROJECT NO. 707.05	
CITY OF PORTLAND PORTLAND, MAINE		DRAWING NO. S-5	
REVISION	DATE	BY	CHK
1	REVISED	J.R. JF	8.6.00
0	ISSUED FOR BIDDING	J.R. JF	7.24.00
DESIGNATION	DATE	BY	CHK
DESIGN	8.6.00	J.R. JF	8.6.00
CHECKED	8.6.00	J.R. JF	8.6.00
APPROVED	8.6.00	J.R. JF	8.6.00



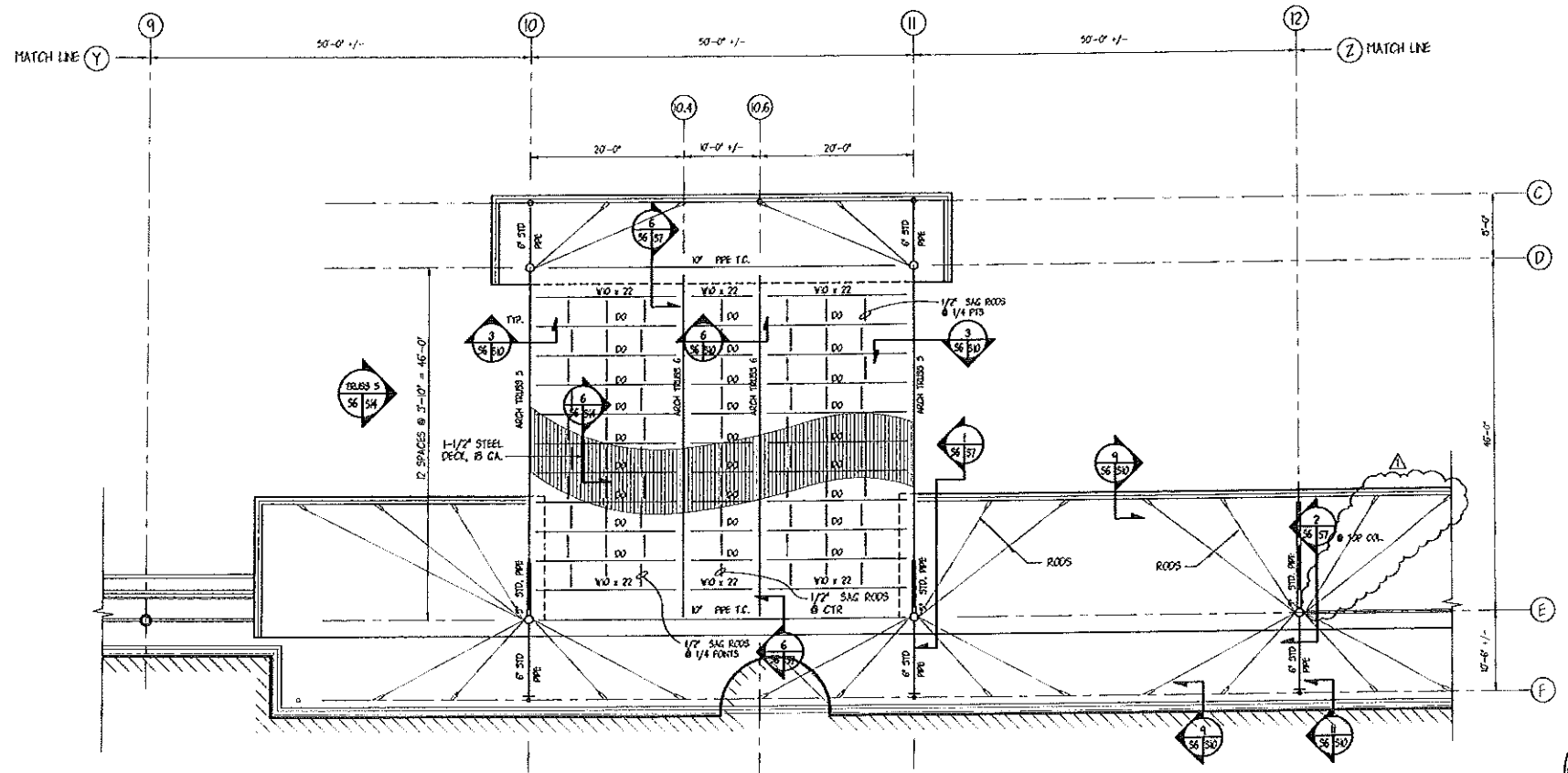
CEST Associates, Inc.
343 Gotham Road South Portland, ME 04106
TEL: 603-883-8800
FAX: 603-883-8801
WWW.CESTASSOCIATES.COM

SCALE: AS NOTED
DATE: AUGUST 25, 2000
DES BY: J. HIGGELL
CHK BY: J. RODRIGUES
PROJECT NO. 707.05
SHEET OF 20 31
DRAWING NO. S-5
JOB NO. 7070385

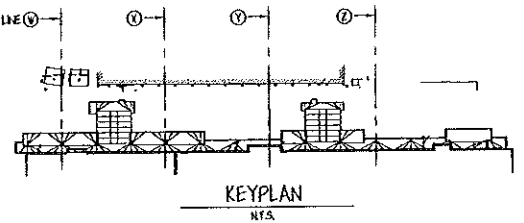


FRAMING @ ARCH 1
SCALE: 1/8" = 1'-0"

FOR ELEVATIONS OF TRUSSES 5 & 6 SEE SHEET S-4



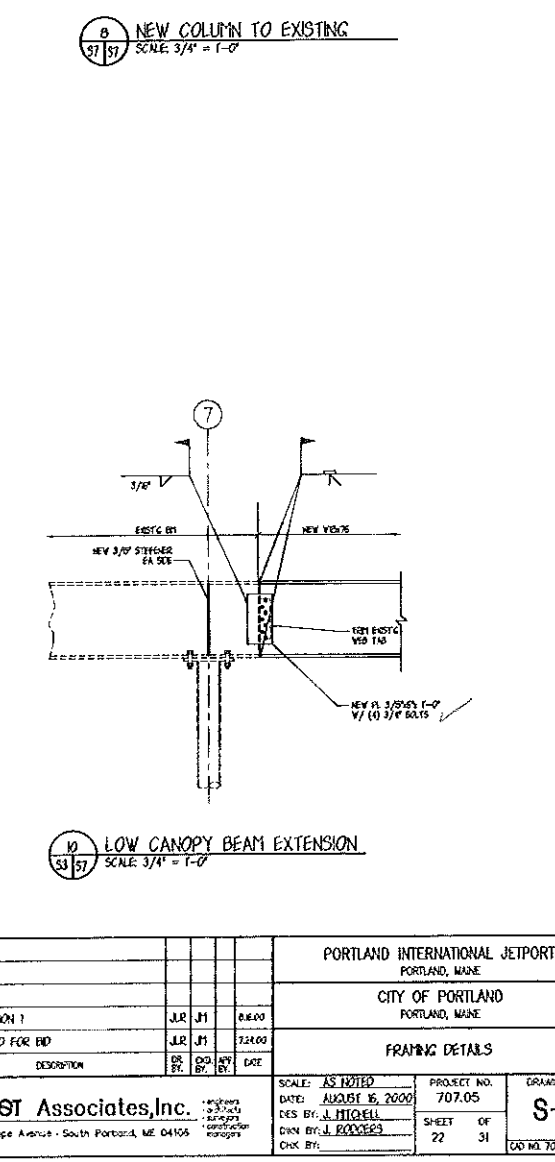
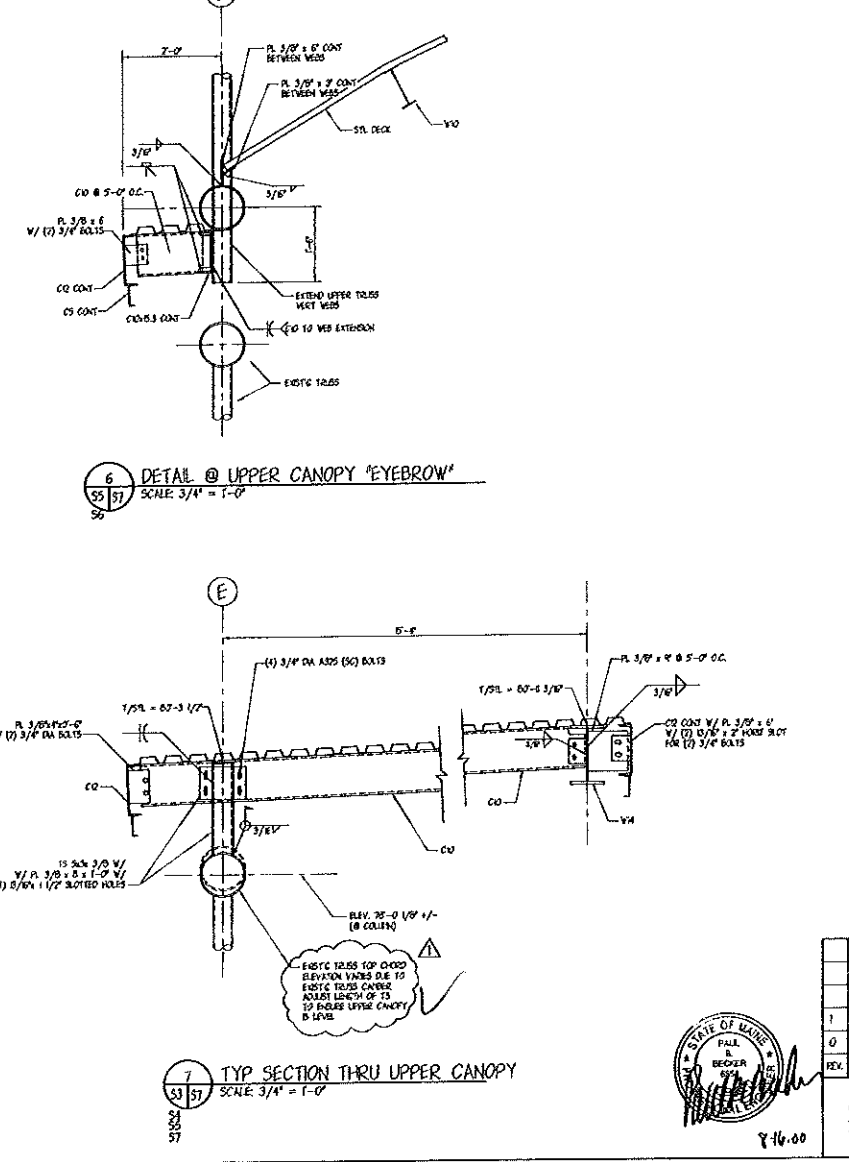
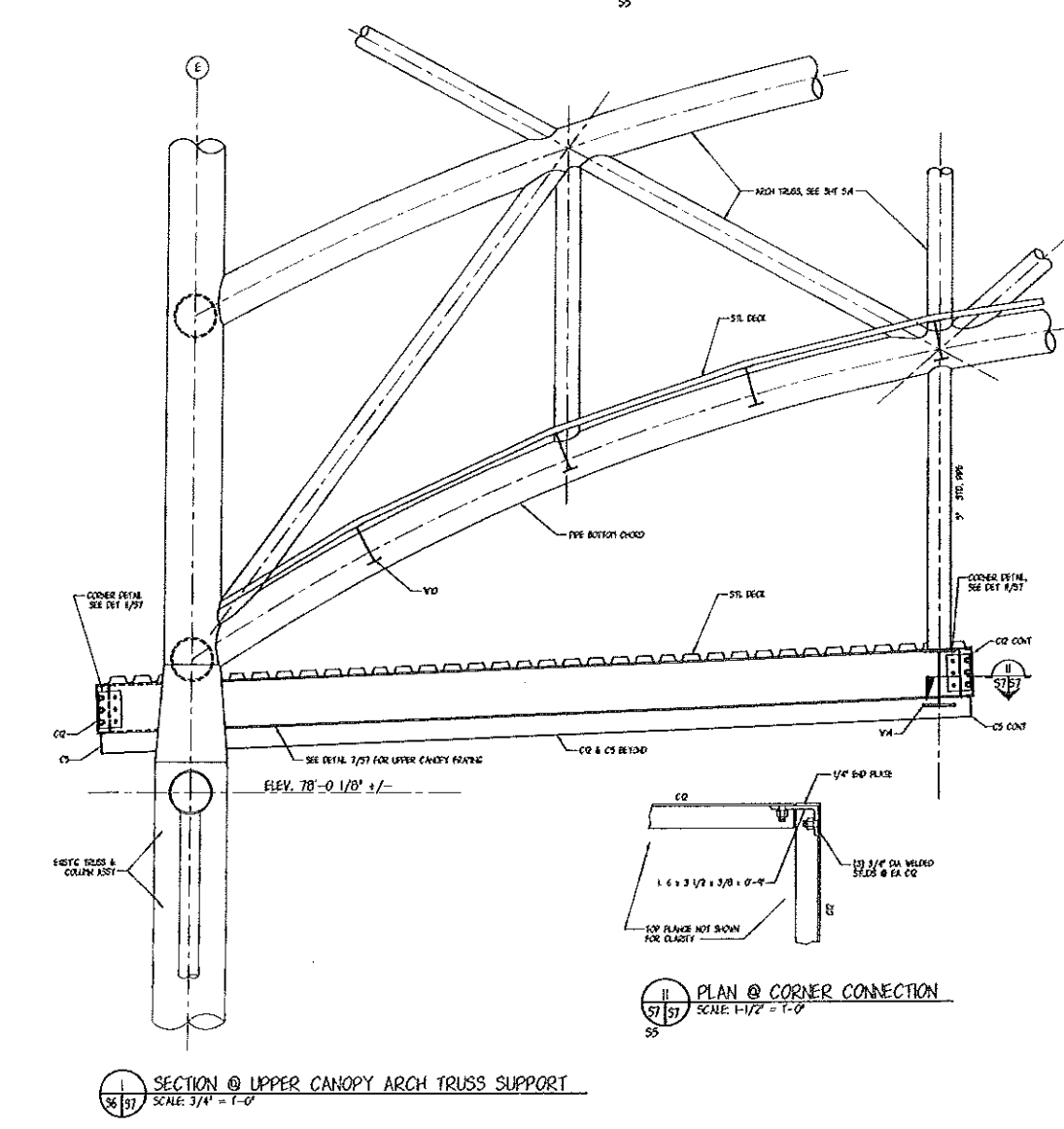
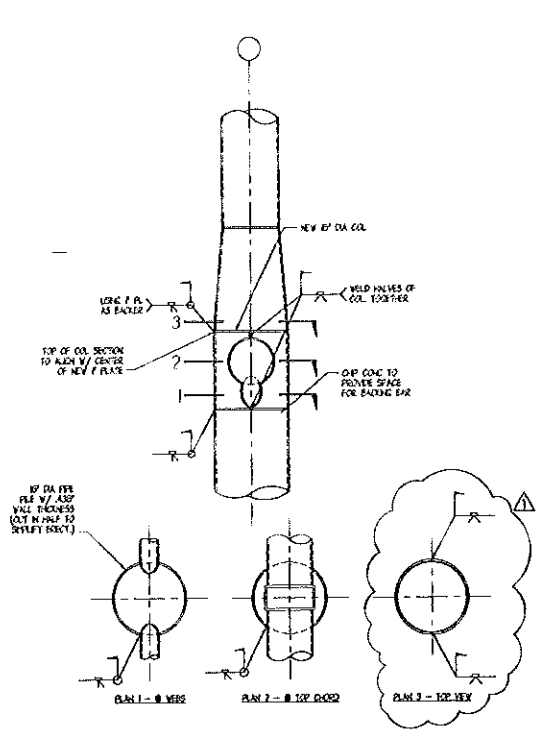
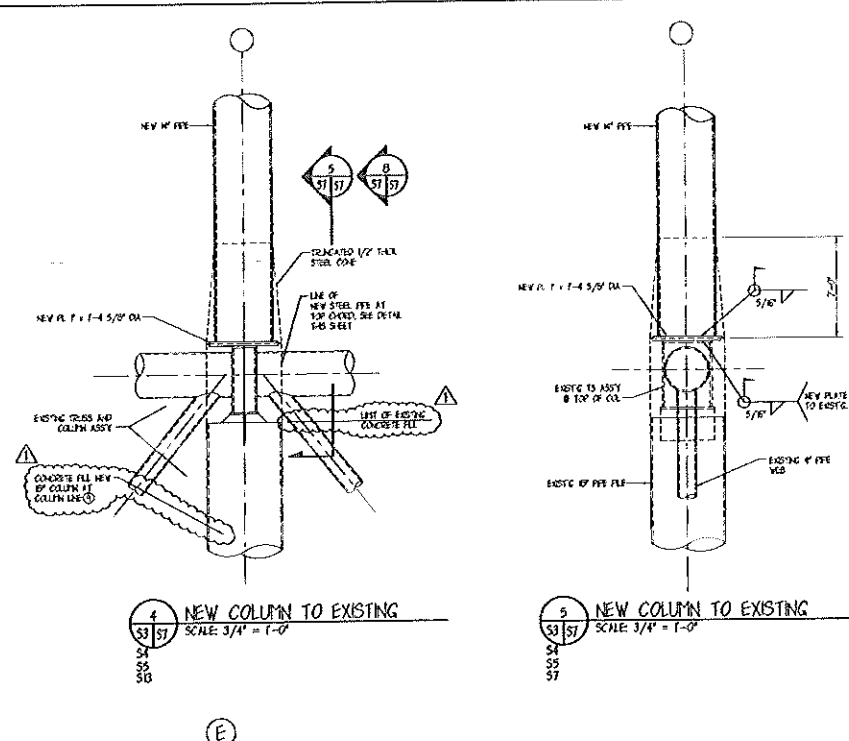
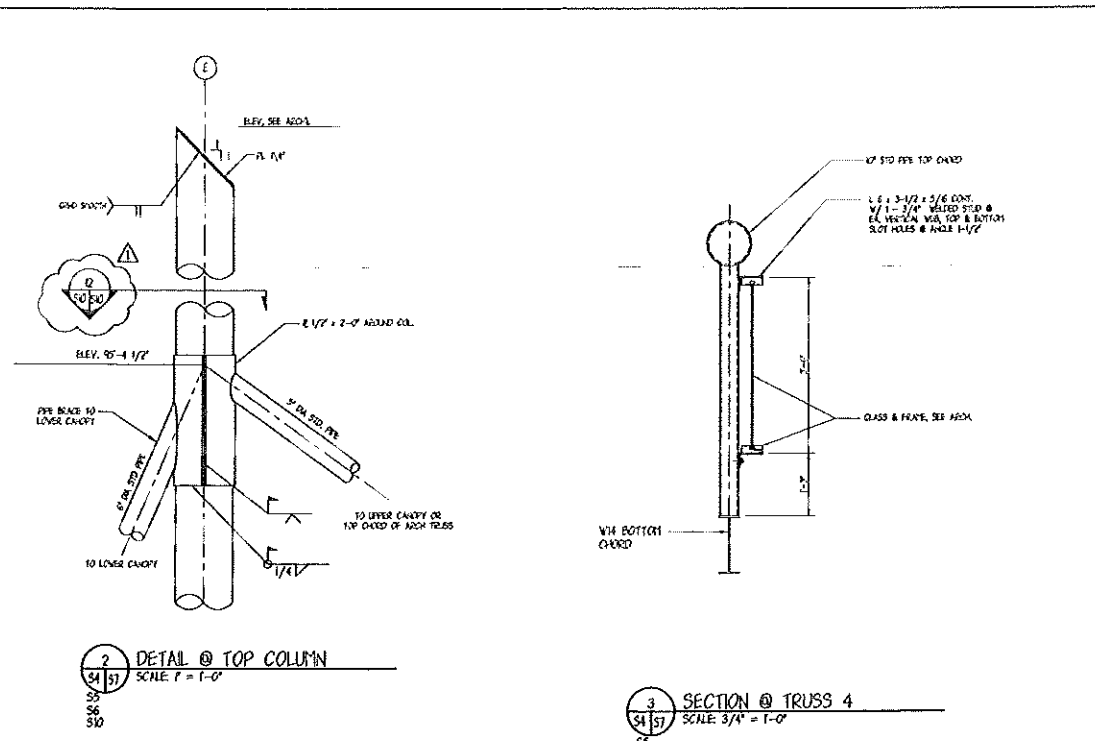
FRAMING @ ARCH 2
SCALE: 1/8" = 1'-0"



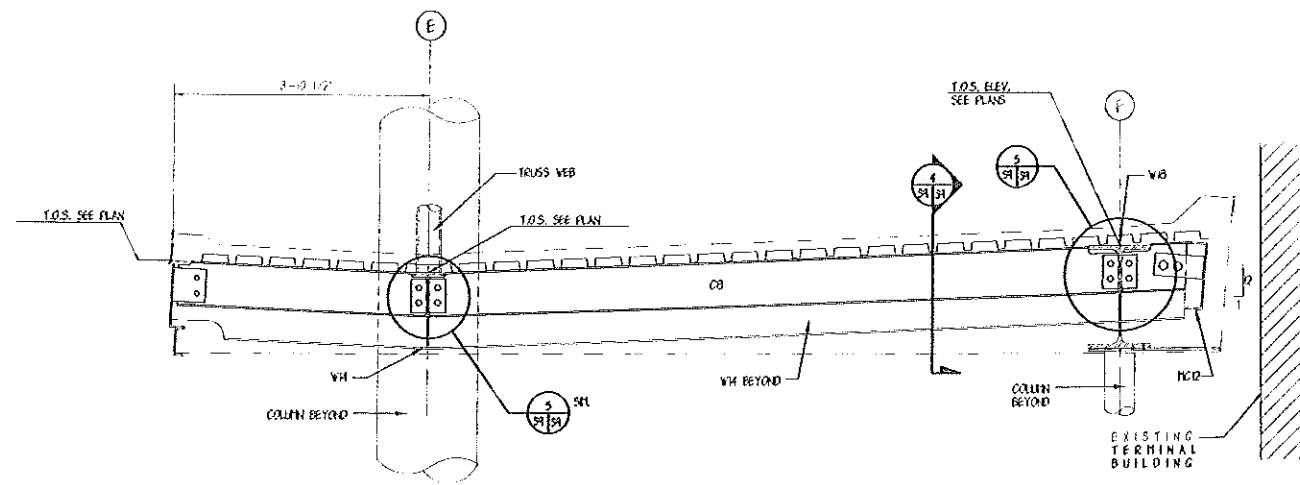
PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
CANOPY ARCH 1 & 2 FRAMING PLAN			
1	REVISION 1	J.R. #1	08.00
0	ISSUED FOR BIDDING	J.R. #1	12.00
REV.	DESCRIPTION	BY	DATE
SCALE: AS NOTED		PROJECT NO.	DRAWING NO.
DATE: AUGUST 6, 2000		707.05	S-6
DESIGN BY: J. MITCHELL		SHEET	OF
DRAWN BY: J. RODGERS		21	31
CHECK BY:		21	31



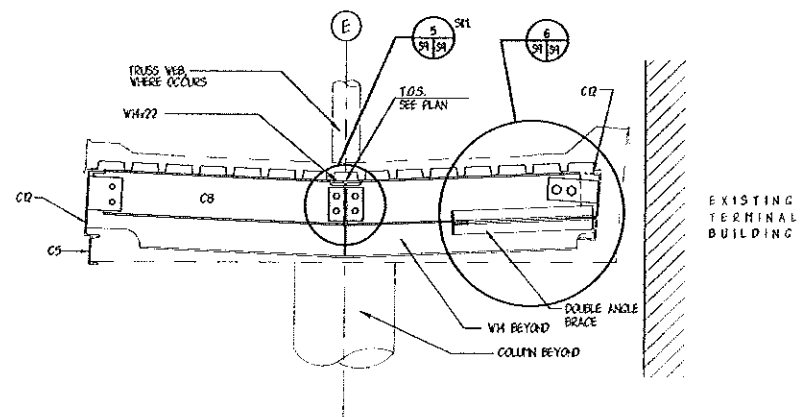
1. PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000
 2. ARCH 1 & 2 FRAMING PLAN
 3. SHEET S-6 OF 31



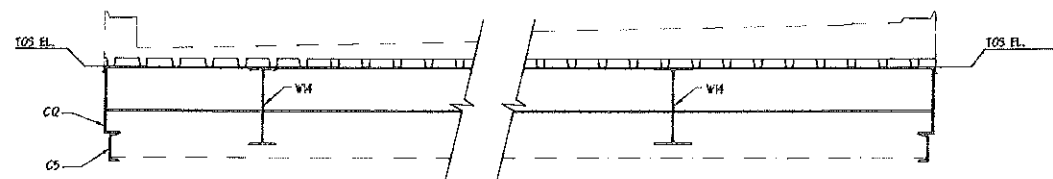
PORTLAND INTERNATIONAL AIRPORT				
PORTLAND, MAINE				
CITY OF PORTLAND				
PORTLAND, MAINE				
FRAMING DETAILS				
1	REVISION 1	JR	JH	08.00
0	ISSUED FOR BID	JR	JH	12.00
REV.	DESCRIPTION	DR.	DES.	DATE
OEST Associates, Inc.				PROJECT NO. 707.05
133 Pope Avenue - South Portland, ME 04106				DRAWING NO. S-7
DATE: AUGUST 16, 2000				SHEET OF 22 31
DES. BY: J. MITCHELL				DATE: 08/16/00
CHK. BY: J. ROBERTS				DATE: 08/16/00
SCALE: AS NOTED				DATE: 08/16/00



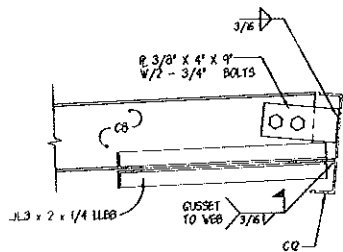
1 SECTION
SCALE: 1/2" = 1'-0"



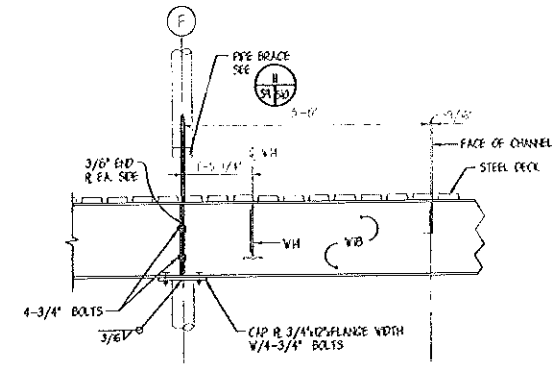
2 SECTION
SCALE: 1/2" = 1'-0"



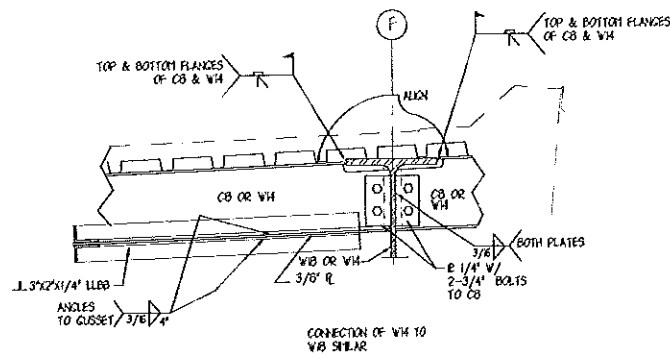
11 SECTION
SCALE: 3/4" = 1'-0"



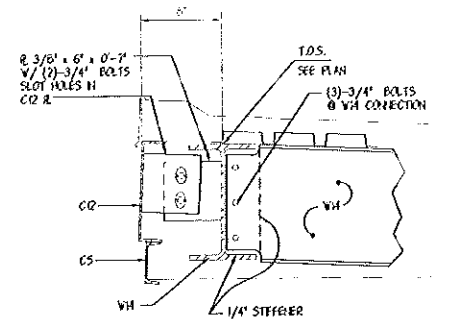
6 DETAIL
SCALE: 1-1/2" = 1'-0"



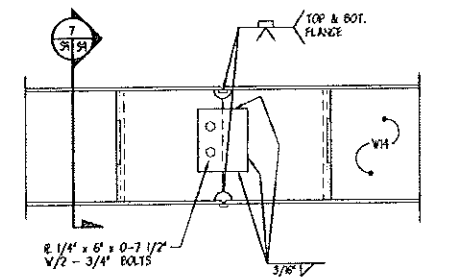
4 DETAIL
SCALE: 3/4" = 1'-0"



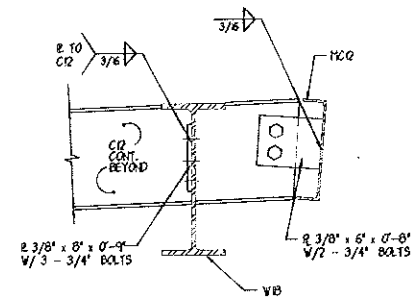
5 DETAIL
SCALE: 1-1/2" = 1'-0"



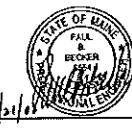
7 DETAIL
SCALE: 1-1/2" = 1'-0"



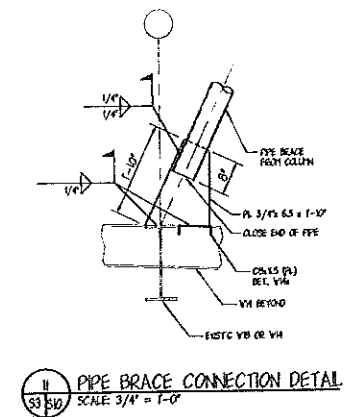
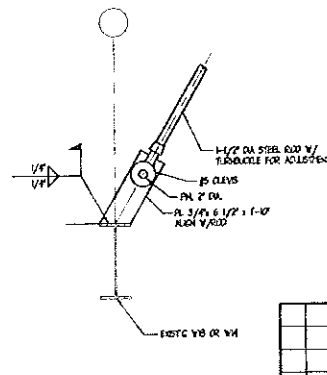
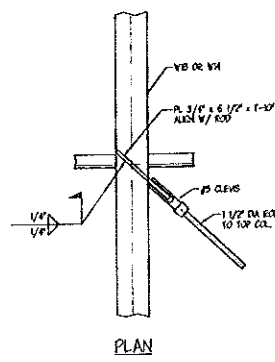
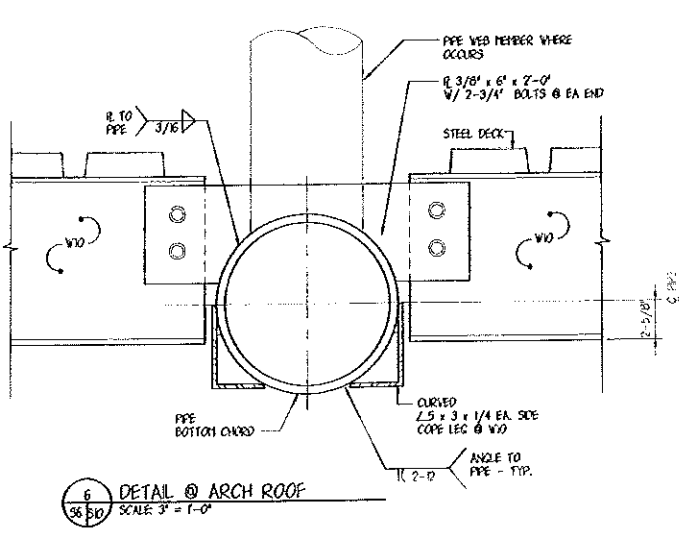
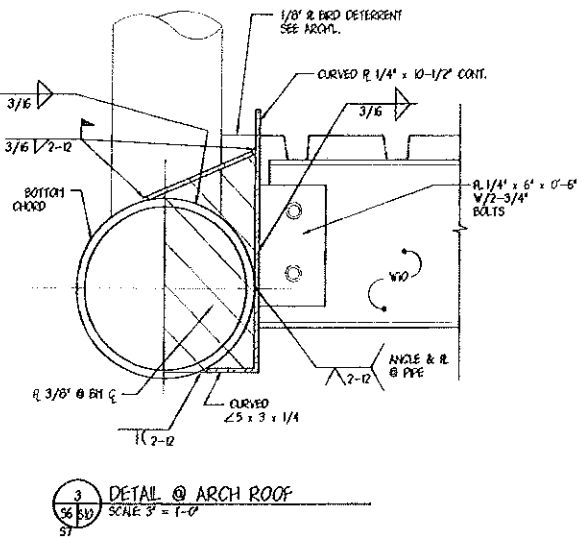
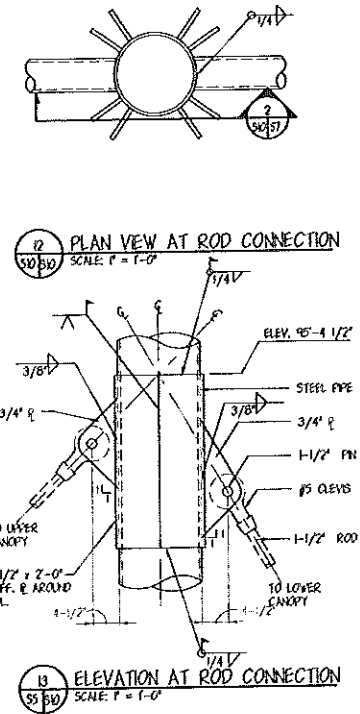
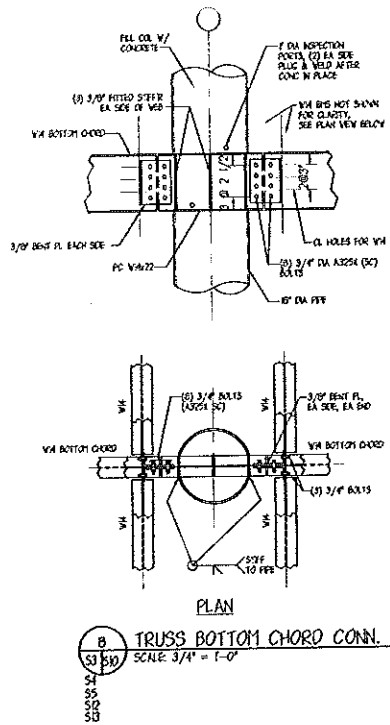
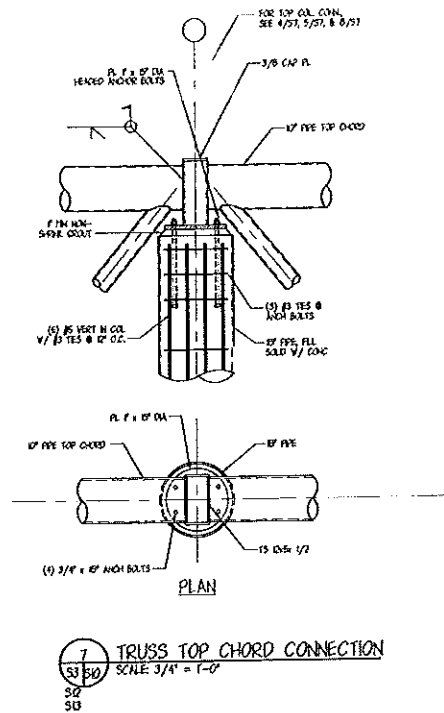
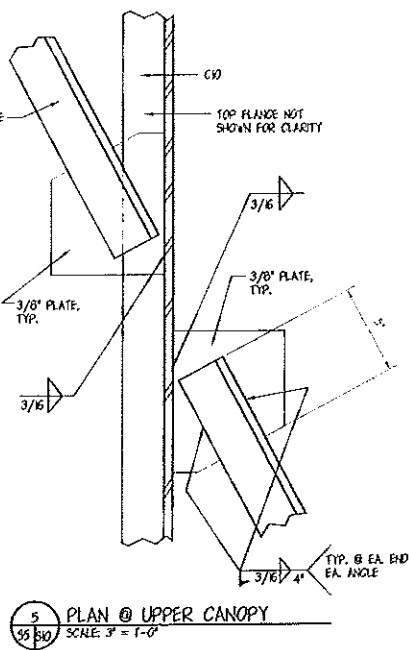
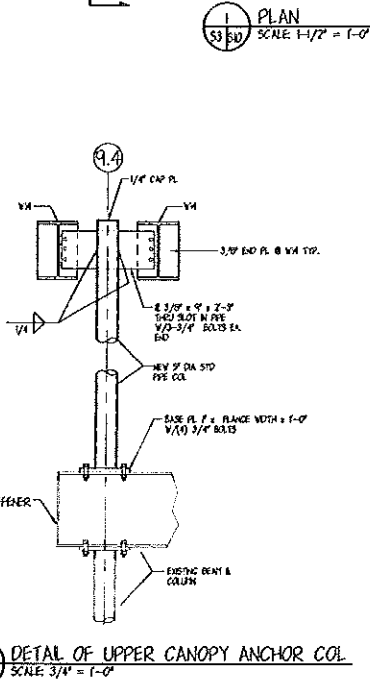
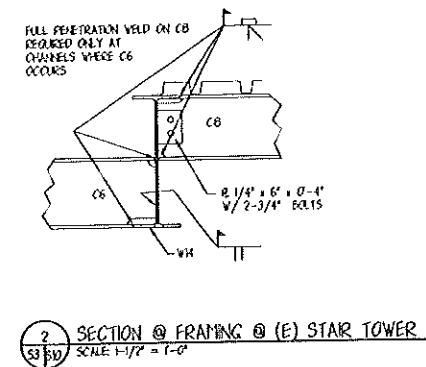
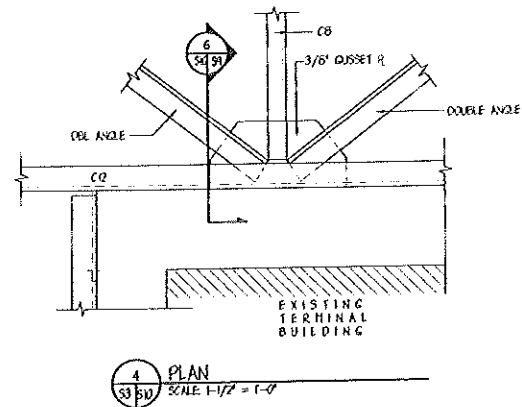
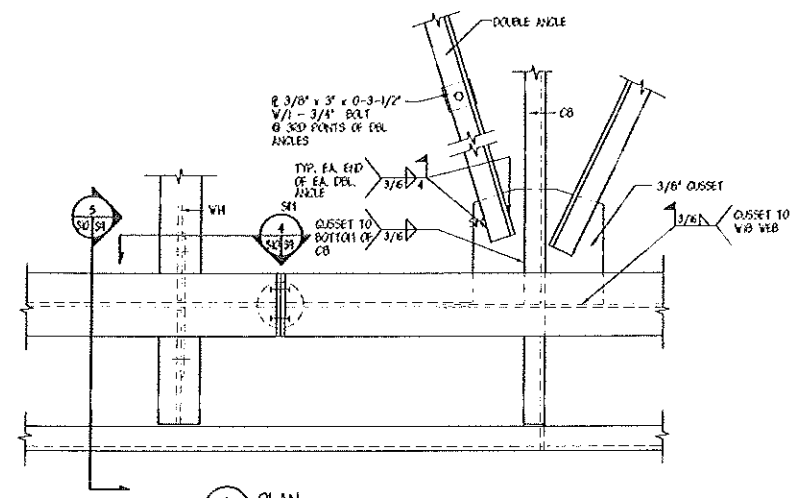
8 DETAIL
SCALE: 1-1/2" = 1'-0"



9 DETAIL
SCALE: 1-1/2" = 1'-0"

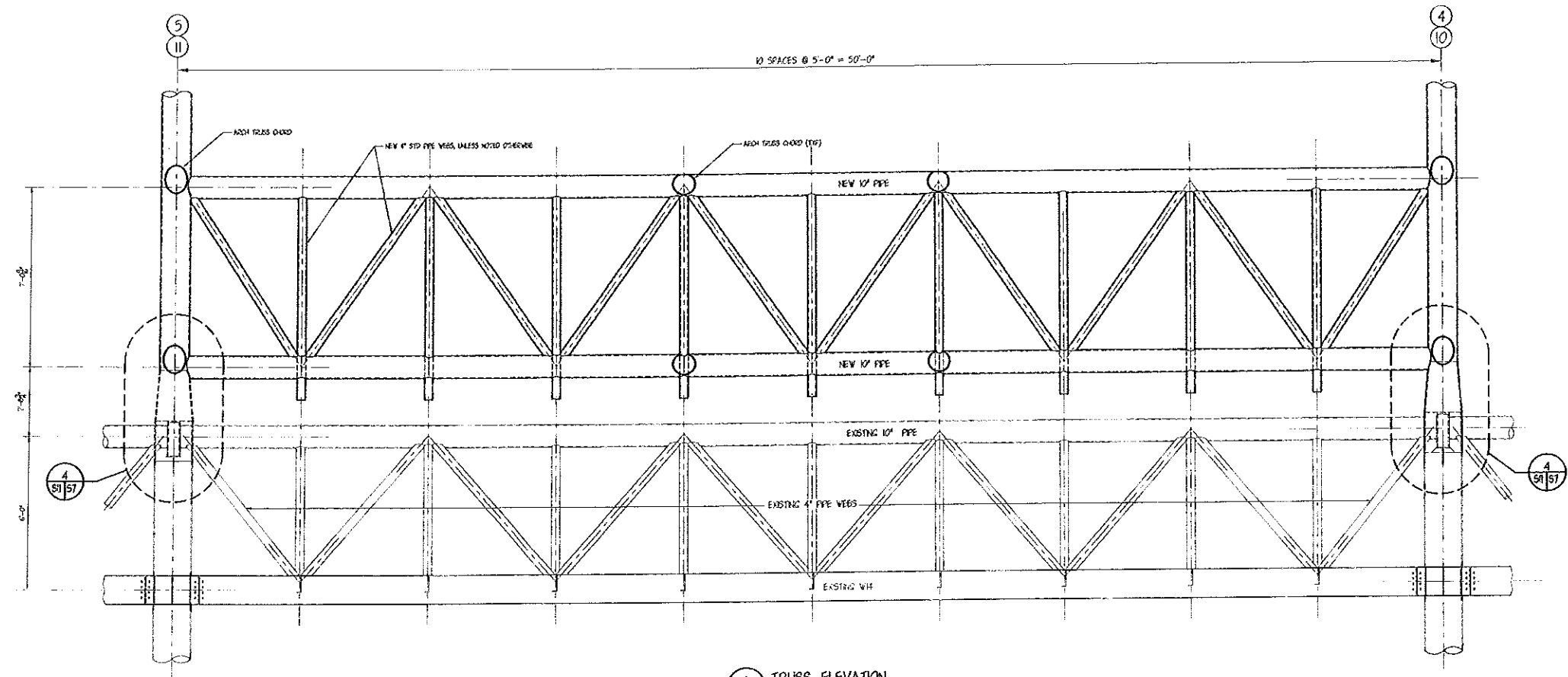


PORTLAND INTERNATIONAL AIRPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
CANOPY FRAMING DETAILS			
0	ISSUED FOR BID	AR	11 10 72400
REL	DESCRIPTION	BY	DATE
SCALE:	AS NOTED	PROJECT NO.:	707.05
DATE:	JULY 24, 2000	SHEET OF	24 31
DRAWN BY:	J. HIGGINS	CHECKED BY:	J. HIGGINS
OEST Associates, Inc. 343 Gotham Road South Portland, ME 04106		DRAWING NO. S-9 CO NO. 707055A	



PORTLAND INTERNATIONAL JETPORT PEDESTRIAN CANOPY, YEAR 2000 PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
CANOPY FRAMING DETAILS			
DESIGNED BY	DATE	PROJECT NO.	DRAWING NO.
DESIGNED BY J. MITCHELL	DATE JULY 24, 2000	PROJECT NO. 707.05	DRAWING NO. S-10
DRAWN BY J. RODGERS	CHECKED BY J. MITCHELL	SHEET 25	OF 31
DATE	DATE	DATE	DATE

OEST Associates, Inc.
 343 Durham Road South Portland, ME 04106
 SCALE: AS NOTED
 DATE: JULY 24, 2000
 DES. BY: J. MITCHELL
 DWN BY: J. RODGERS
 CHK BY:

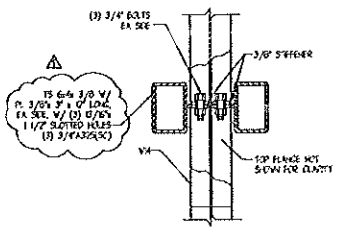


TRUSS ELEVATION
SCALE: 1/2"=1'-0"

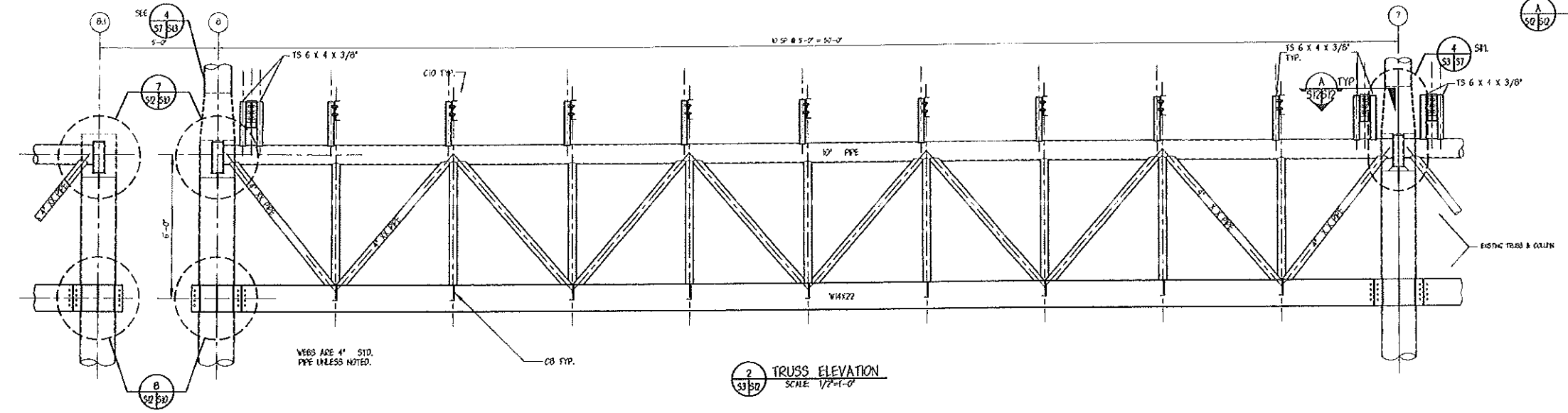


				PORTLAND INTERNATIONAL AIRPORT PORTLAND, MAINE	
				CITY OF PORTLAND PORTLAND, MAINE	
				TRUSS ELEVATIONS	
0	ISSUED FOR BID	JLR	JH	PK	224.00
REV	DESCRIPTION	BY	CHK	APP	DATE
SCALE: 1/2" = 1'-0"		PROJECT NO. 707.05		DRAWING NO. S-11	
DATE: JULY 24, 2000		DESIGNER: J. MITCHELL		SHEET 26 OF 31	
DRAWN BY: J. JACOBSON		CHECKED BY:		JOB NO. 70700	

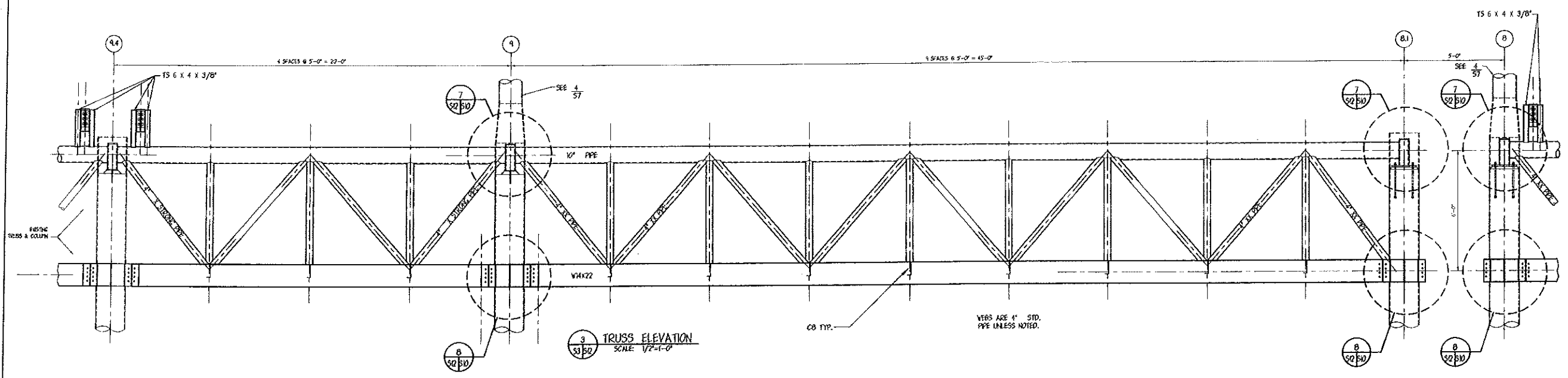
OEST Associates, Inc.
343 Cochran Road South Portland, ME 04106



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



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



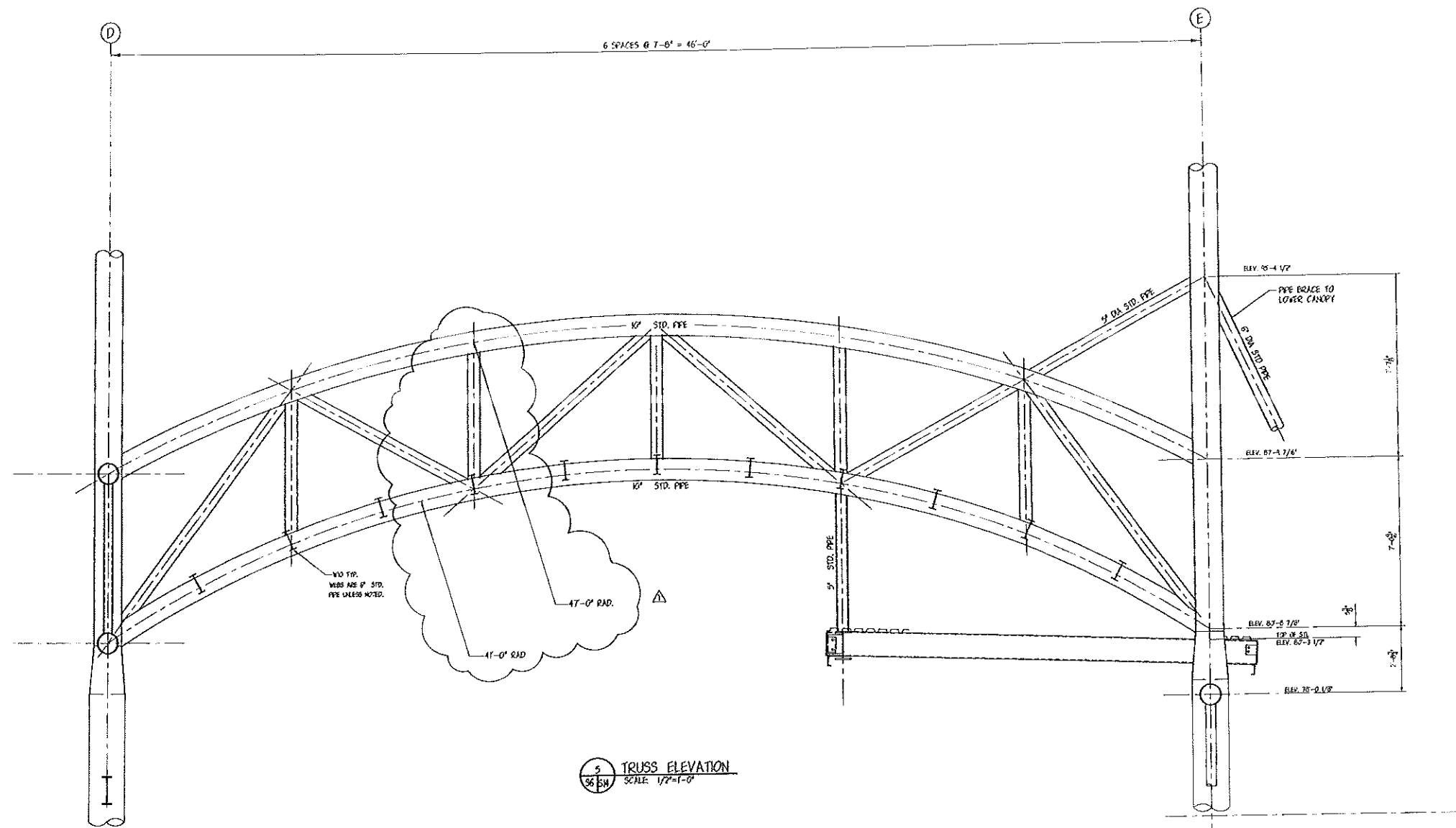
3 TRUSS ELEVATION
SCALE: 1/2"=1'-0"

				PORTLAND INTERNATIONAL JETPORT PORTLAND, MAINE	
				CITY OF PORTLAND PORTLAND, MAINE	
				TRUSS ELEVATIONS	
REV.	DESCRIPTION	BY	DATE	PROJECT NO. 707.05	DRAWING NO. S-12
1	REVISION 1	J.R. JH	06.00		
0	ISSUED FOR BID	J.R. JH	02.00		

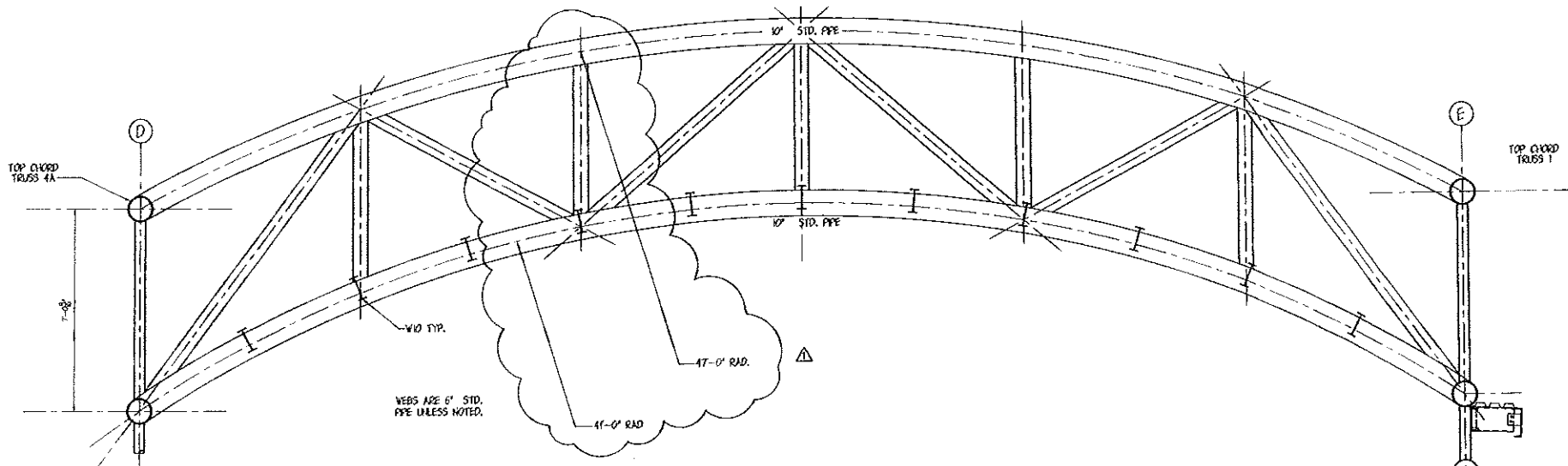


OEST Associates, Inc.
343 Corham Road South Portland, ME 04106

SCALE: 1/2"=1'-0"
DATE: AUGUST 16, 2000
DES BY: J. MITCHELL
DWN BY: J. JACOBSON
CHK BY:
PROJECT NO. 707.05
SHEET 27 OF 31
DRAWING NO. S-12
CITY OF PORTLAND
PORTLAND, MAINE

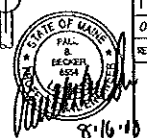


5 TRUSS ELEVATION
SCALE: 1/2"=1'-0"

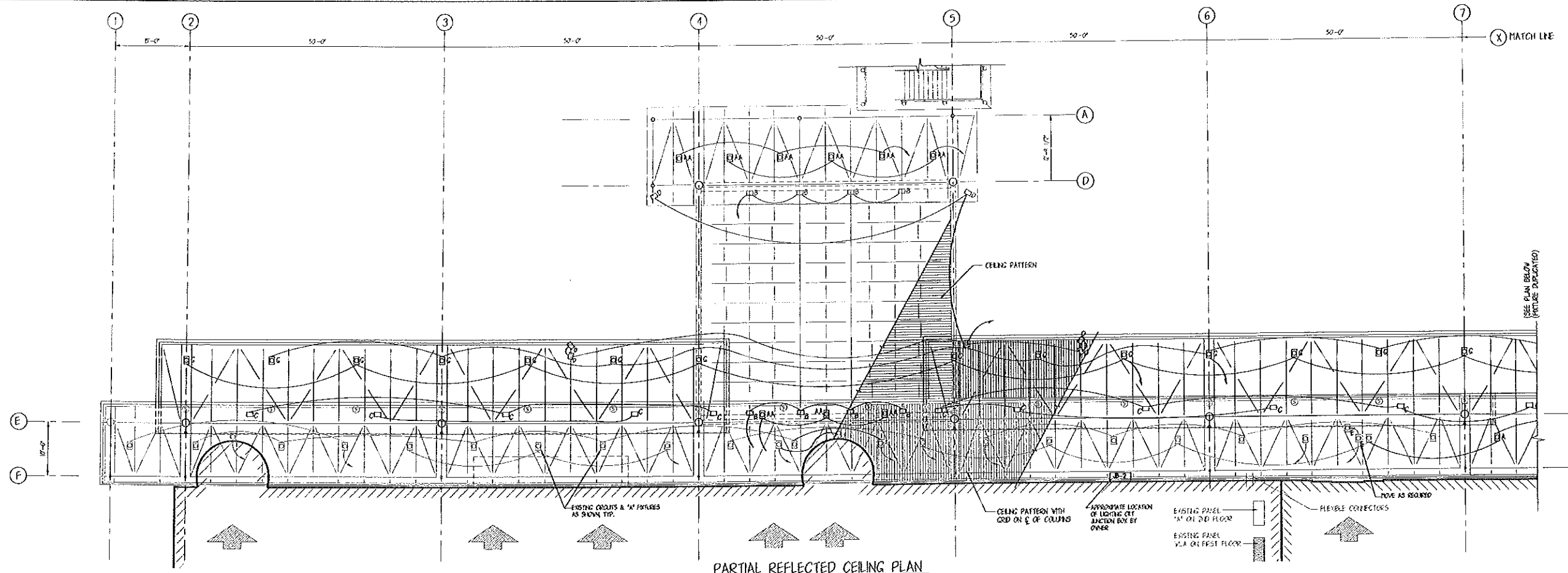


6 TRUSS ELEVATION
SCALE: 1/2"=1'-0"

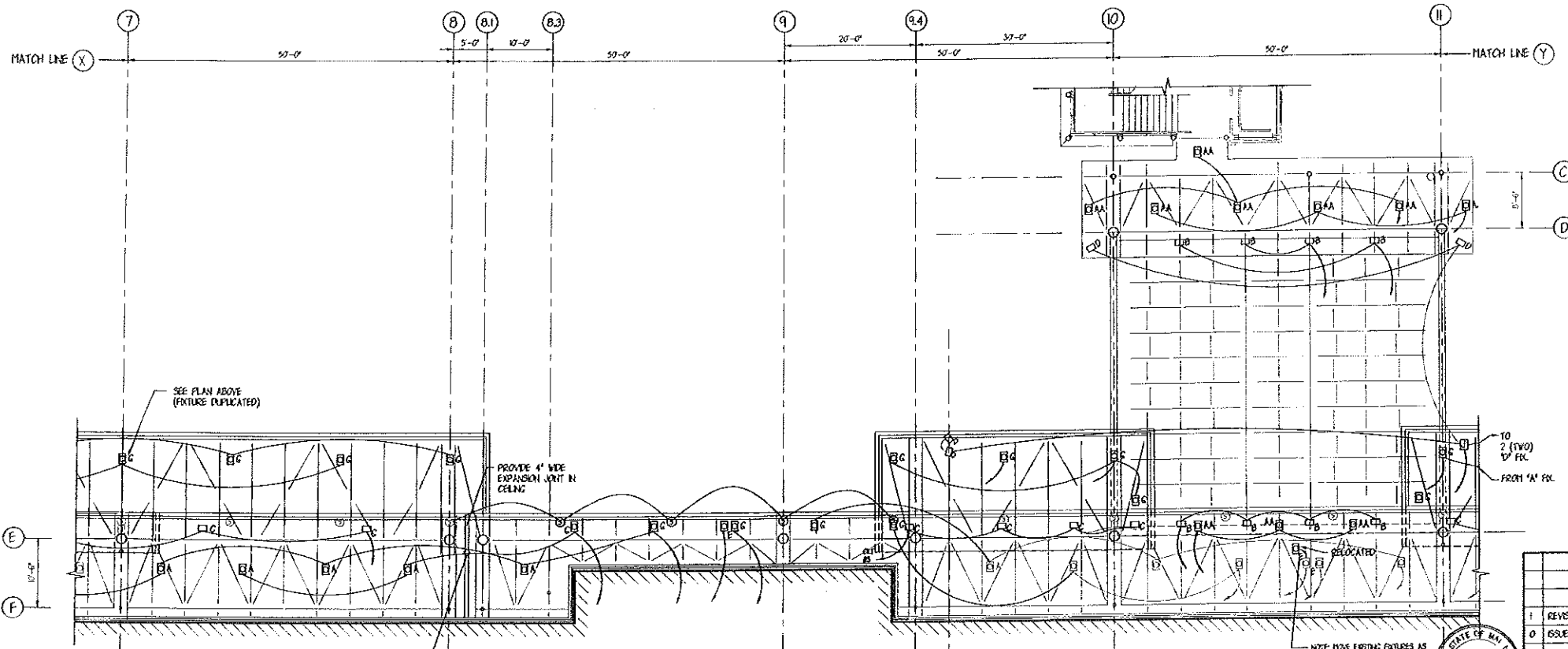
PORTLAND INTERNATIONAL JETPORT PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
TRUSS ELEVATIONS			
1	REVISION 1	J.R. JT	08.00
0	ISSUED FOR PD	J.R. JT	7.24.00
REV.	DESCRIPTION	BY	DATE
SCALE: 1/2" = 1'-0"	PROJECT NO. 707.05	DRAWING NO. S-14	
DATE: AUGUST 16, 2000	DESIGNED BY: J. MITCHELL		ENGINEER: DAN BYL & JACOBSON
OEST Associates, Inc.		343 Corham Road - South Portland, ME 04106	



8.16.00

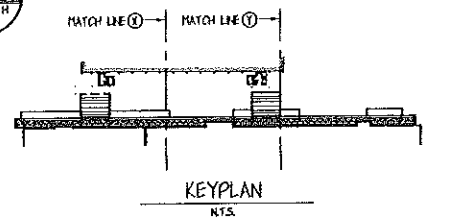


PARTIAL REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"

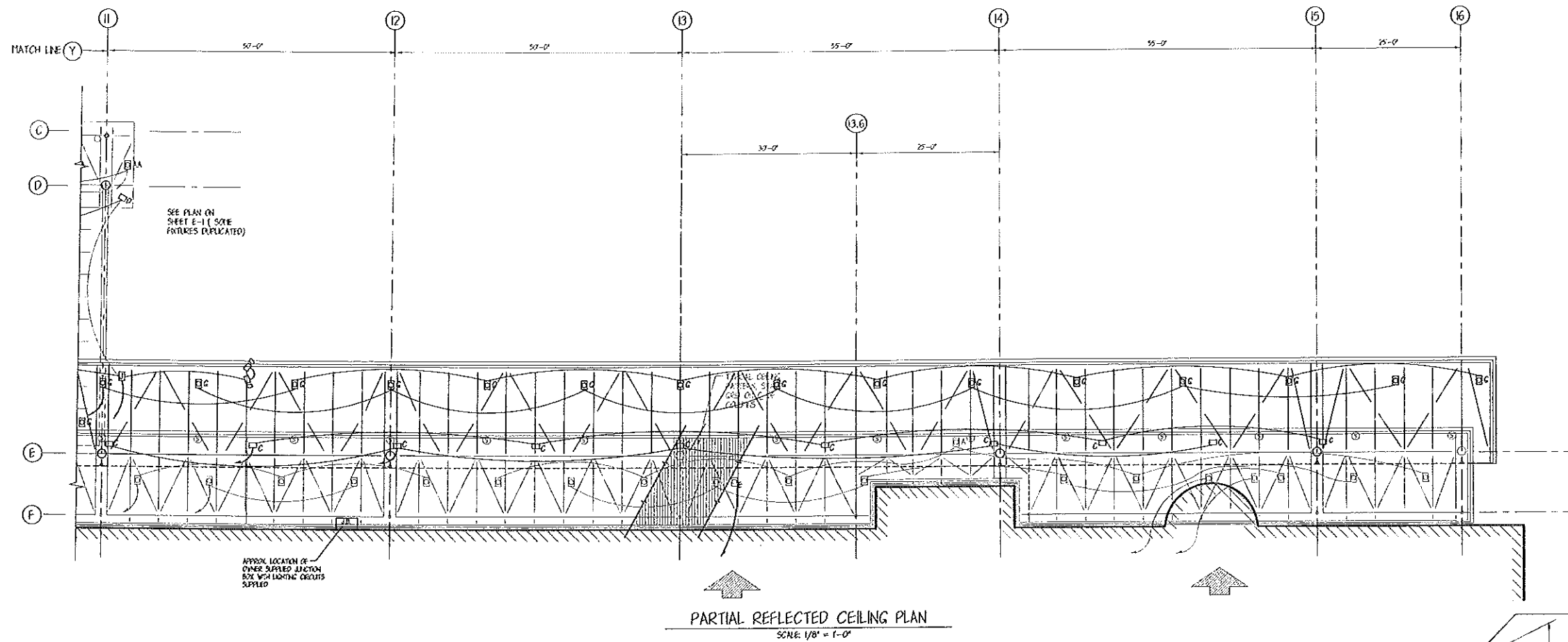


PARTIAL REFLECTED CEILING PLAN
SCALE 1/8" = 1'-0"

- LIGHTING KEY**
- 100W - 1H EIA IRLN RR 50921 - 4X(100)45-1P3200-277V (RECESSED UNDERSIDE OF LOWER CANOPY)
 - 175W - 1H EIA IRLN RR 50921-45-46-50-1P3200-277V (RECESSED UNDERSIDE OF LOWER CANOPY)
 - 250W - 1H EIC IRLN RR 5184 - 4X(250)45-46-48-1P3200-277V (RECESSED UNDERSIDE OF LOWER CANOPY)
 - 15V-FL EIE IRLN RR 40642-43-FL18-277 (RECESSED UNDER LOWER CANOPY) ELEC. FIXTURE
 - 400W - 1H EIB ELLIPTICAL 1454-0400-F-07 (MOUNTED ON TOP OF LOWER CANOPY)
 - 175 1H SPOT EIC HADCO #W83-B-1E-N-175H-175H-175H-175H-277V (MOUNTED ON TOP OF LOWER CANOPY)
 - 175 1H SPOT EID HADCO #W83-B-1E-N-175H-175H-175H-175H-277V (MOUNTED ON TOP OF LOWER CANOPY ON TERRACE SIDE)
 - 175 1H SPOT EID HADCO #W83-B-1E-N-175H-175H-175H-175H-277V (MOUNTED ON TOP OF LOWER CANOPY ON TERRACE SIDE)
 - 175 1H SPOT EID HADCO #W83-B-1E-N-175H-175H-175H-175H-277V (MOUNTED ON TOP OF LOWER CANOPY ON TERRACE SIDE)
 - ③ SOUND SYSTEM SPEAKER - ATLAS #A9-81U
BAFFLE - #P400
CABLE - WEST PAK #274-165H/Y 1/2"
 - ④ JUNCTION BOX
- NOTE: ALL FIXTURES USING METAL HALIDE BULBS WILL BE SUPPLIED WITH 'CLEAR' BULBS



PORTLAND INTERNATIONAL AIRPORT PORTLAND, MAINE			
CITY OF PORTLAND PORTLAND, MAINE			
CEILING & LIGHTING PLAN COLUMNS 1 THROUGH 11			
REV	DESCRIPTION	BY	DATE
1	REVISION 1	JL	JH
0	ISSUED FOR BIDDING	JL	JH
PROJECT NO. 707.05		DRAWING NO. E-1	
OEST Associates, Inc. 343 Gotham Road, South Portland, ME 04106		DATE: AUGUST 15, 2000 DES BY: S. FITS DWN BY: J. JACOBSON CHK BY:	

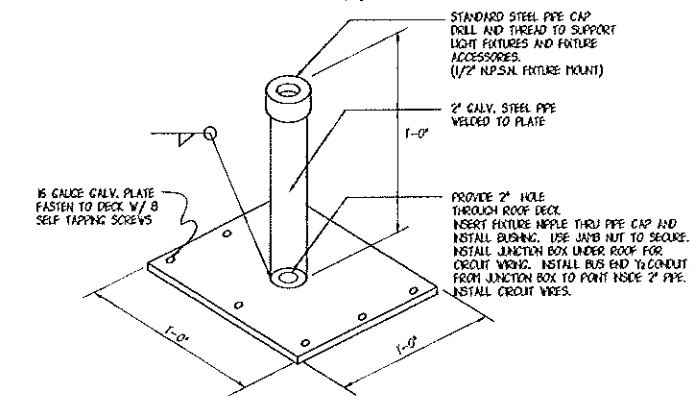


LIGHTING NOTES:

1. EXISTING LIGHTING PANELS USE 277V, SINGLE POLE 20 A.C.B. WITH G.E. RELAY CONTROLS.
2. THE OWNER WILL SUPPLY IDENTIFIED CIRCUIT WIRING, CONDUIT AND SUITABLE JUNCTION BOXES LOCATED EXTERIOR TO THE TERMINAL BUILDING.
3. APPROX. LOCATIONS OF THESE JUNCTION BOXES (2) ARE NOTED ON PLANS.
4. OWNER CONTROLS EXTERIOR FIXTURES BY RELAYS - 'ON' ALL NIGHT.
5. EACH CIRCUIT SHOULD SUPPLY ONLY LIKE FIXTURES (IE. EITHER TYPE 'A' OR 'B' ETC.).
6. SIMILAR FIXTURES IN AN AREA SHOULD BE PLACED ON ALTERNATING CIRCUITS TO MAINTAIN SOME ILLUMINATION IF ONE CIRCUIT FAILS.
7. A CHART LIST BELOW INDICATES MAX. NUMBER OF LIKE FIXTURES TO BE CONNECTED TO A 20A CIRCUIT.

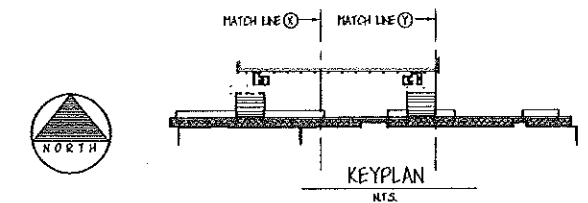
FIXTURE TYPE	MAX. NUMBER
A	30
AA	15
G	11
B	15
C	15
D	15

8. FOUR EXISTING FIXTURES IN LOWER CANOPY MUST BE RELOCATED DUE TO INSTALLATION OF ROTARY DOOR ASSEMBLIES. INTERIOR ELECTRICAL WORK TO BE DONE BY AIRPORT PERSONNEL.
9. CONDUIT MUST BE CONCEALED WITHIN CANOPY ASSEMBLIES. CONDUITS EXTERIOR TO CANOPIES MUST BE PLACED AND PAINTED FOR BEST CONCEALMENT.



FIXTURE TYPE B, C & D DECK SUPPORTS

DETAIL BASED ON HADCO FIXTURES, COORDINATE REQUIREMENTS WITH SELECTED MANUFACTURER



				PORTLAND INTERNATIONAL AIRPORT PORTLAND, MAINE	
				CITY OF PORTLAND PORTLAND, MAINE	
				CEILING & LIGHTING PLAN COLUMNS 11 THROUGH 16	
REV.	DESCRIPTION	BY	DATE	PROJECT NO. 707.05	DRAWING NO. E-2
1	REVISION 1	JLR JHM	8.6.00		
0	ISSUED FOR BID	JLR JHM	7.24.00		
				SHEET OF 31 31	CAD NO. 070705LE1



OEST Associates, Inc.
343 Gotham Road South Portland, ME 04106

SCALE: 1/8" = 1'-0"
DATE: AUGUST 16, 2000
DES BY: S. PITTS
DWN BY: J. JACOBSON
CHK. BY: