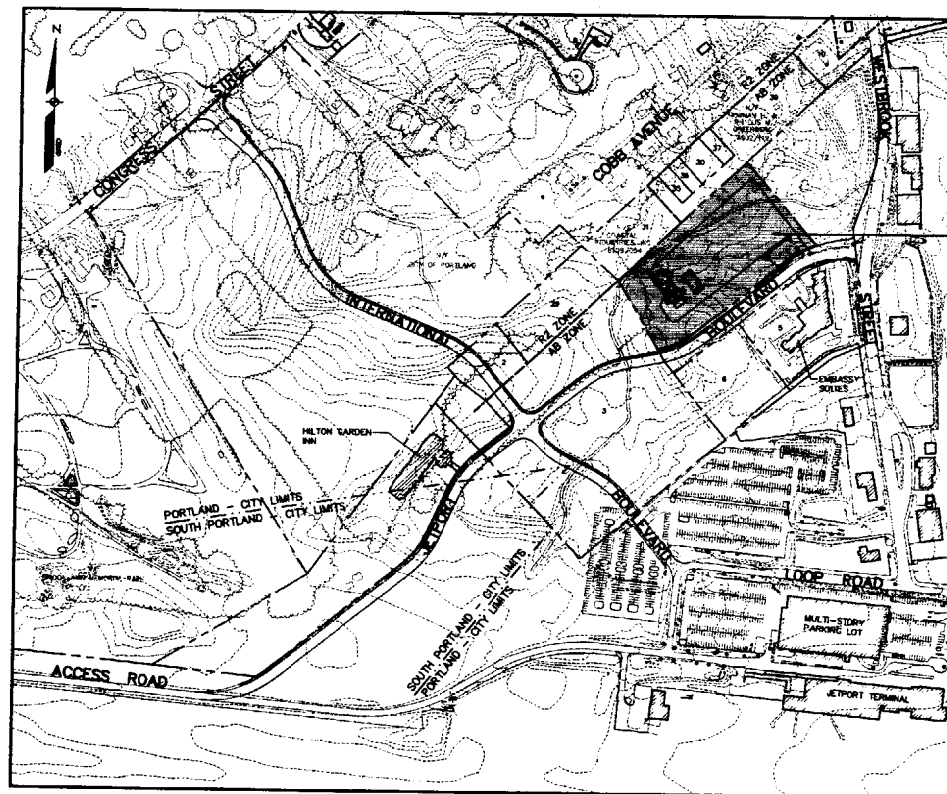


AVIS RENT A CAR SYSTEMS, INC.

JETPORT BOULEVARD
PORTLAND, MAINE



LOCATION MAP

SCALE: 1"=200'

PROPOSED
AVIS RENT A CAR
PROJECT SITE

OWNER/APPLICANT:
AVIS RENT A CAR
SYSTEMS, INC.

900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK 11530

ENGINEER/SURVEYOR:
SEBAGO TECHNICS, INC.

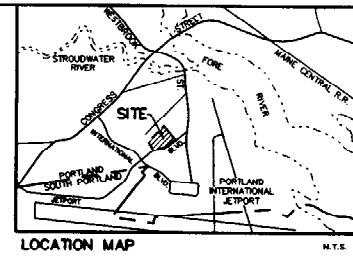
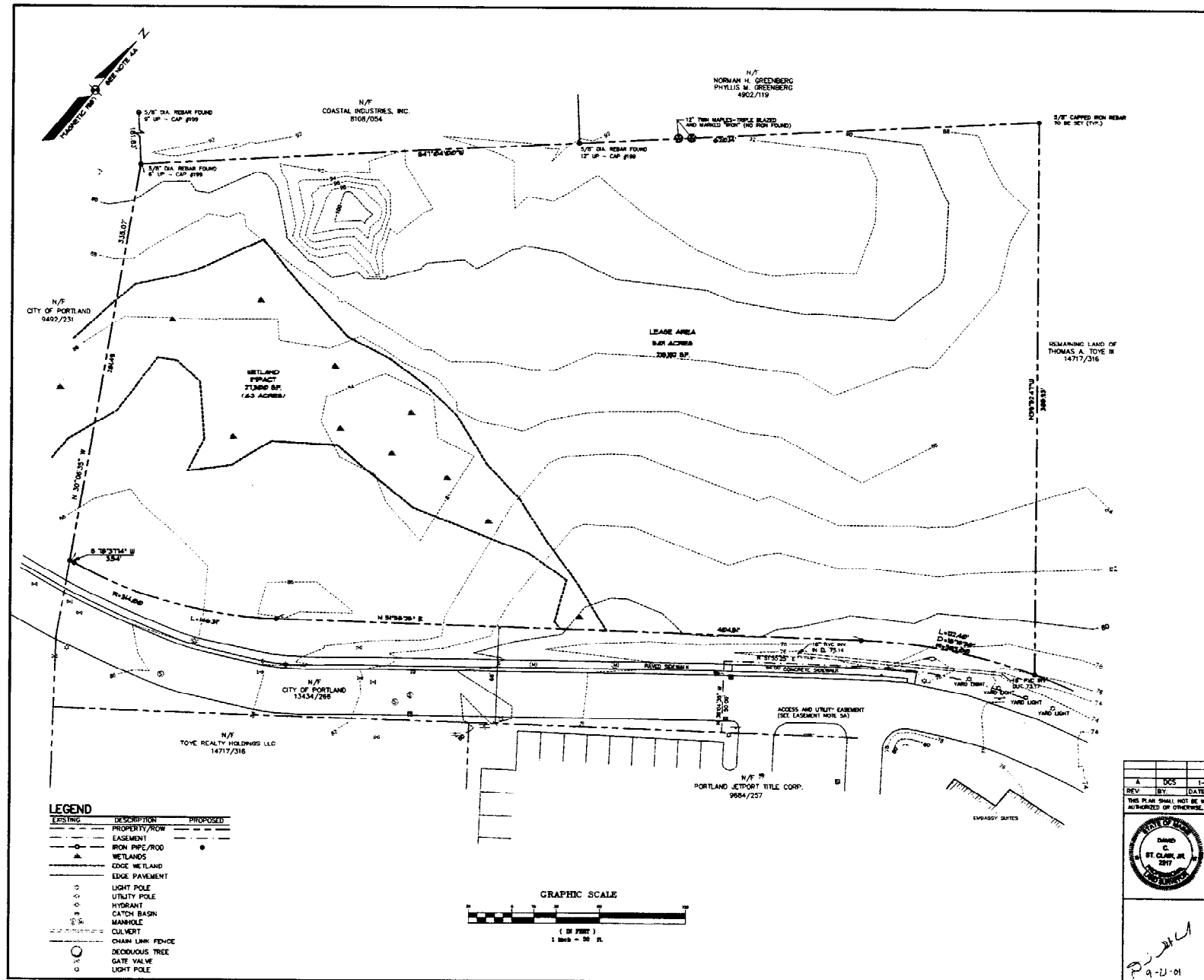
Sebago Technics
Engineering & Planning for the Future
100 CHERRY STREET
WESTPORT, ME 04091-1218
TEL: (207) 668-0277

ARCHITECT:
GAWRON ARCHITECTS

29 BLACK POINT ROAD
SCARBOROUGH, MAINE 04074-9358

SHEET INDEX

- 1 COVER SHEET
- 2 STANDARD BOUNDARY SURVEY
- 3 SITE PLAN
- 4 GRADING AND UTILITIES PLAN
- 5 LANDSCAPE PLAN
- 6 PLAN VIEW - CROSS SECTIONS
- 7 CROSS SECTIONS
- 8 DETAILS
- 9 DETAILS
- 10 DETAILS
- 11 LIGHTING PLAN
BARKLETT DESIGN LIGHTING & ELECTRICAL
- 12 PHOTOMETRICS PLAN
BARKLETT DESIGN LIGHTING & ELECTRICAL



GENERAL NOTES

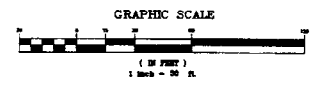
1. THE RECORD OWNER OF THE PROPERTY IS TOYE REALTY HOLDINGS, LLC BY DEED OF THOMAS A. TOYE II DATED APRIL 29, 1999 AND RECORDED AT THE CLAMBUK COUNTY REGISTRY OF DEEDS IN BOOK 14717 PAGE 316.
2. WETLAND LIMITS SHOWN HEREON WERE DELINEATED BY MARK J. HAMPTON AS AN EMPLOYEE OF SEBAGO TECHNICS, INC. IN ACCORDANCE WITH THE 1987 ARMY CORPS OF ENGINEERS WETLAND DELINEATION MANUAL, AND LOCATED BY CONJUNCTION WITH A STANDARD BOUNDARY SURVEY REFERENCED IN NOTE 2D.
3. TOTAL AREA OF PROPERTY: 5.01 ACRES, MORE OR LESS.
4. PLAN REFERENCE:
 - A. PLAN OF LAND ON CONGRESS & WESTBROOK STREETS, PORTLAND, MAINE, FOR DUNEY'S PROPERTIES, PREPARED BY OWEN HASKELL, INC. DATED APRIL 10, 1987.
 - B. STANDARD BOUNDARY SURVEY ON CONGRESS STREET IN PORTLAND, MAINE, FOR CITY OF PORTLAND, PREPARED BY OWEN HASKELL, INC. DATED NOVEMBER 20, 1990.
 - C. PLAN OF LAND AT STROLLWATER - PORTLAND, MAINE, SURVEYED FOR LILLIAN W. PARKER, PREPARED BY E. C. JORDAN & CO. DATED MAY 1923, RECORDED IN PLAN BOOK 15, PAGE 33.
 - D. STANDARD BOUNDARY SURVEY OF THOMAS A. TOYE PROPERTY LAST REVISED JANUARY 15, 2001 BY SEBAGO TECHNICS, INC.
5. EASEMENTS:
 - A. PEDESTRIAN AND VEHICULAR ACCESS AND UTILITY EASEMENT AS CONVEYED TO JOSEPH F. BOULOS ET. AL. BY SAID DEED RECORDED IN BOOK 8537, PAGE 130 AND DESCRIBED AS EXHIBIT C IN SAID DEED.
6. THIS PLAN CONFORMS TO THE STANDARDS ADOPTED BY THE MAINE STATE BOARD OF LICENSURE FOR PROFESSIONAL LAND SURVEYORS STANDARDS OF PRACTICE CATEGORY I CONDITION 1.

EXCEPTIONS:

- A. NO WRITTEN SURVEYOR'S REPORT
- B. NO MONUMENTATION SET
- C. WETLANDS WERE DELINEATED BY SOMEONE OTHER THAN THE SIGNING PROFESSIONAL. SEE NOTE 2.
- D. PERIMETER INFORMATION IS TAKEN FROM A PREVIOUS SURVEY COMPLETED BY SEBAGO TECHNICS, INC. FOR PEOPLE'S HERITAGE BANK, DATED MARCH 1, 1995.

LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY/ROW	---
---	EASEMENT	---
---	IRON PIPE/POD	---
▲	WETLANDS	▲
▲	EDGE WETLAND	▲
---	EDGE PAVEMENT	---
○	LIGHT POLE	○
○	UTILITY POLE	○
○	HYDRANT	○
○	CATCH BASIN	○
○	MANHOLE	○
○	CULVERT	○
○	CHAIN LINK FENCE	○
○	DECIDUOUS TREE	○
○	GATE VALVE	○
○	LIGHT POLE	○



REV.	BY	DATE	DESCRIPTION
A	DCS	1-15-01	ADD TOPOGRAPHIC INFORMATION
B	DCS	12-14-00	ADD TOPOGRAPHIC INFORMATION

THIS PLAN SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, ADDITIONS, OR DELETIONS SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

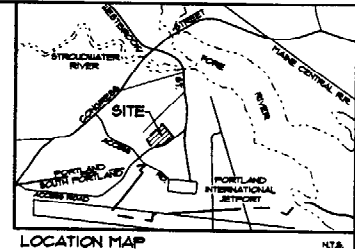
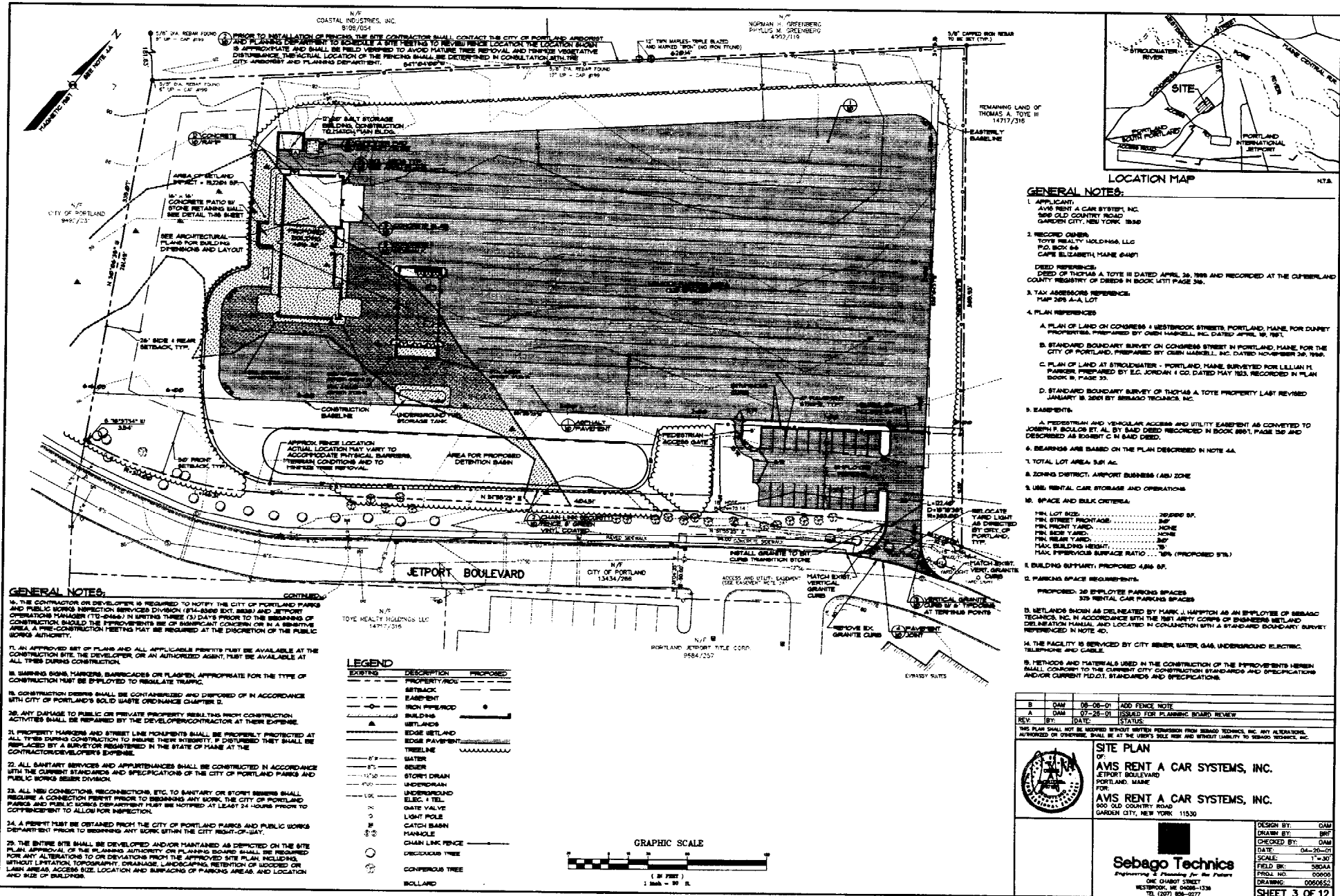
BOUNDARY & TOPOGRAPHIC SURVEY
 OF
PROPOSED AVIS CAR RENTAL SITE
 JETPORT BOULEVARD
 PORTLAND, MAINE

FOR RECORD OWNER
TOYE REALTY HOLDINGS LLC
 P.O. BOX 55
 CAPE ELIZABETH, ME 04107

DESIGN BY: DCS
 CHECKED BY: DED
 DATE: 12-14-00
 SCALE: 1" = 50'
 FIELD BK: 5800A
 PROJ. NO: 0000000
 DRAWING: 0000000

Sebago Technics
 Engineering & Planning for the Future
 One Clinton Street
 Westbrook, ME 04090-1338
 Tel: (207) 858-2277

SHEET 2 OF 12

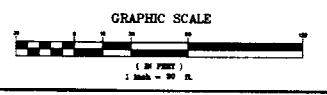


- GENERAL NOTES:**
1. APPLICANT: AVIS RENT A CAR SYSTEM, INC. 888 OLD COUNTRY ROAD GARDEN CITY, NEW YORK 11530
 2. RECORD OWNER: TOYE REALTY HOLDINGS, LLC P.O. BOX 848 CAPE ELIZABETH, MAINE 04821
 - DEED REFERENCE: DEED OF THOMAS A. TOYE IS DATED APRIL 26, 1988 AND RECORDED AT THE OXFORD COUNTY REGISTRY OF DEEDS IN BOOK 1471 PAGE 24.
 3. TAX ASSESSORS REFERENCE: MAP 205 A-A, LOT
 4. PLAN REFERENCES:
 - A. PLAN OF LAND ON CONGRESS & WESTBROOK STREETS, PORTLAND, MAINE, FOR DANIEL PROPERTIES, PREPARED BY OWEN HANSELL, INC. DATED APRIL 19, 1971.
 - B. STANDARD BOUNDARY SURVEY ON CONGRESS STREET IN PORTLAND, MAINE, FOR THE CITY OF PORTLAND, PREPARED BY OWEN HANSELL, INC. DATED NOVEMBER 24, 1969.
 - C. PLAN OF LAND AT STROUDWATER - PORTLAND, MAINE, SURVEYED FOR LILLIAN H. PARKER, PREPARED BY E.C. JORDAN & CO. DATED MAY 1923, RECORDED IN PLAN BOOK 9, PAGE 33.
 - D. STANDARD BOUNDARY SURVEY OF THOMAS A. TOYE PROPERTY LAST REVISED JANUARY 8, 2009 BY SEBAGO TECHNIQS, INC.
 5. EASEMENTS:
 - A. PEDESTRIAN AND VEHICULAR ACCESS AND UTILITY EASEMENT AS CONVEYED TO JOSEPH P. BULLOCK ET AL. BY SAID DEED RECORDED IN BOOK 8901, PAGE 136 AND DESCRIBED AS EASEMENT C IN SAID DEED.
 6. BEARINGS ARE BASED ON THE PLAN DESCRIBED IN NOTE 4A.
 7. TOTAL LOT AREA: 3.81 AC.
 8. ZONING DISTRICT: AIRPORT BUSINESS (ABU) ZONE
 9. USE: RENTAL CAR STORAGE AND OPERATIONS
 10. SPACE AND BULK CRITERIA:
 - MIN. LOT SIZE: 2,500 SQ. FT.
 - MIN. STREET FRONTAGE: 30 FT.
 - MIN. FRONT YARD: NONE
 - MIN. SIDE YARD: NONE
 - MIN. REAR YARD: 20 FT.
 - MAX. BUILDING HEIGHT: 15'
 - MAX. PERVIOUS SURFACE RATIO: 15% (PROPOSED 57%)
 11. BUILDING SUPPLEMENT: PROPOSED 4,800 SQ. FT.
 12. PARKING SPACE REQUIREMENTS:
 - PROPOSED: 20 EMPLOYEE PARKING SPACES
 - 200 RENTAL CAR PARKING SPACES
 13. WETLANDS SHOWN AS DELINEATED BY MARK J. HARRISON AS AN EMPLOYEE OF SEBAGO TECHNIQS, INC. IN ACCORDANCE WITH THE BEST PRACTICE COPY OF ENGINEERS WETLAND DELINEATION MANUAL AND LOCATED IN CONJUNCTION WITH A STANDARD BOUNDARY SURVEY REFERENCED IN NOTE 4D.
 14. THE FACILITY IS SERVED BY CITY SEWER WATER, GAS, UNDERGROUND ELECTRIC, TELEPHONE AND CABLE.
 15. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF THE IMPROVEMENTS HEREIN SHALL CONFORM TO THE CURRENT CITY CONSTRUCTION STANDARDS AND SPECIFICATIONS AND/OR CURRENT FIELD STANDARDS AND SPECIFICATIONS.

- GENERAL NOTES:**
16. THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE CITY OF PORTLAND PARKS AND PUBLIC WORKS INSPECTION SERVICES DIVISION (874-5800 EXT. 1888) AND JETPORT OPERATIONS MANAGER (775-8446) IN WRITING THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION SHOULD THE IMPROVEMENTS BE OF SIGNIFICANT CONCERN OR IN A SENSITIVE AREA. A PRE-CONSTRUCTION MEETING MAY BE REQUIRED AT THE DISCRETION OF THE PUBLIC WORKS AUTHORITY.
 17. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE. THE DEVELOPER OR AN AUTHORIZED AGENT MUST BE AVAILABLE AT ALL TIMES DURING CONSTRUCTION.
 18. SHARPING SIGNS, MARKERS, BARRICADES OR FLASHERS APPROPRIATE FOR THE TYPE OF CONSTRUCTION MUST BE EMPLOYED TO REGULATE TRAFFIC.
 19. CONSTRUCTION DEBRIS SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH CITY OF PORTLAND'S SOLID WASTE ORDINANCE CHAPTER 2.
 20. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE DEVELOPER/CONTRACTOR AT THEIR EXPENSE.
 21. PROPERTY MARKERS AND STREET LINE MARKERS SHALL BE PROPERLY PROTECTED AT ALL TIMES DURING CONSTRUCTION TO MAINTAIN THEIR INTEGRITY. IF DISTURBED THEY SHALL BE REPLACED BY A SURVEYOR REGISTERED IN THE STATE OF MAINE AT THE CONTRACTOR/DEVELOPER'S EXPENSE.
 22. ALL SANITARY SERVICES AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARDS AND SPECIFICATIONS OF THE CITY OF PORTLAND PARKS AND PUBLIC WORKS BUREAU DIVISION.
 23. ALL NEW CONNECTIONS, RECONNECTIONS, ETC. TO SANITARY OR STORM SEWERS SHALL REQUIRE A CONNECTION PERMIT PRIOR TO BEGINNING ANY WORK. THE CITY OF PORTLAND PARKS AND PUBLIC WORKS DEPARTMENT MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO COMMENCEMENT TO ALLOW FOR INSPECTION.
 24. A PERMIT MUST BE OBTAINED FROM THE CITY OF PORTLAND PARKS AND PUBLIC WORKS DEPARTMENT PRIOR TO BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
 25. THE ENTIRE SITE SHALL BE DEVELOPED AND/OR MAINTAINED AS SHOWN ON THE SITE PLAN. APPROVAL OF THE PLANNING AUTHORITY OR PLANNING BOARD SHALL BE REQUIRED FOR ANY ALTERATIONS TO OR DEVIATIONS FROM THE APPROVED SITE PLAN INCLUDING, WITHOUT LIMITATION, TOPOGRAPHY, DRAINAGE, LANDSCAPING, RETENTION OF LOGGED OR LAMB AREAS, ACCESS RISE LOCATION AND SURFACING OF PARKING AREAS, AND LOCATION AND RISE OF BUILDINGS.

LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY/ACR	---
---	SETBACK	---
---	EASEMENT	---
---	IRON PIPE/POD	---
---	BUILDING	---
---	WETLANDS	---
---	EDGE WETLAND	---
---	EDGE PAVEMENT	---
---	TRAILLINE	---
---	WATER	---
---	SEWER	---
---	STORM DRAIN	---
---	FOUR	---
---	UNDERGROUND ELEC. + TEL.	---
---	GATE VALVE	---
---	LIGHT POLE	---
---	CATCH BASIN	---
---	MANHOLE	---
---	CHAIN LINK FENCE	---
---	DISCARDING TREE	---
---	CONSERVATION TREE	---
---	BOLLARD	---

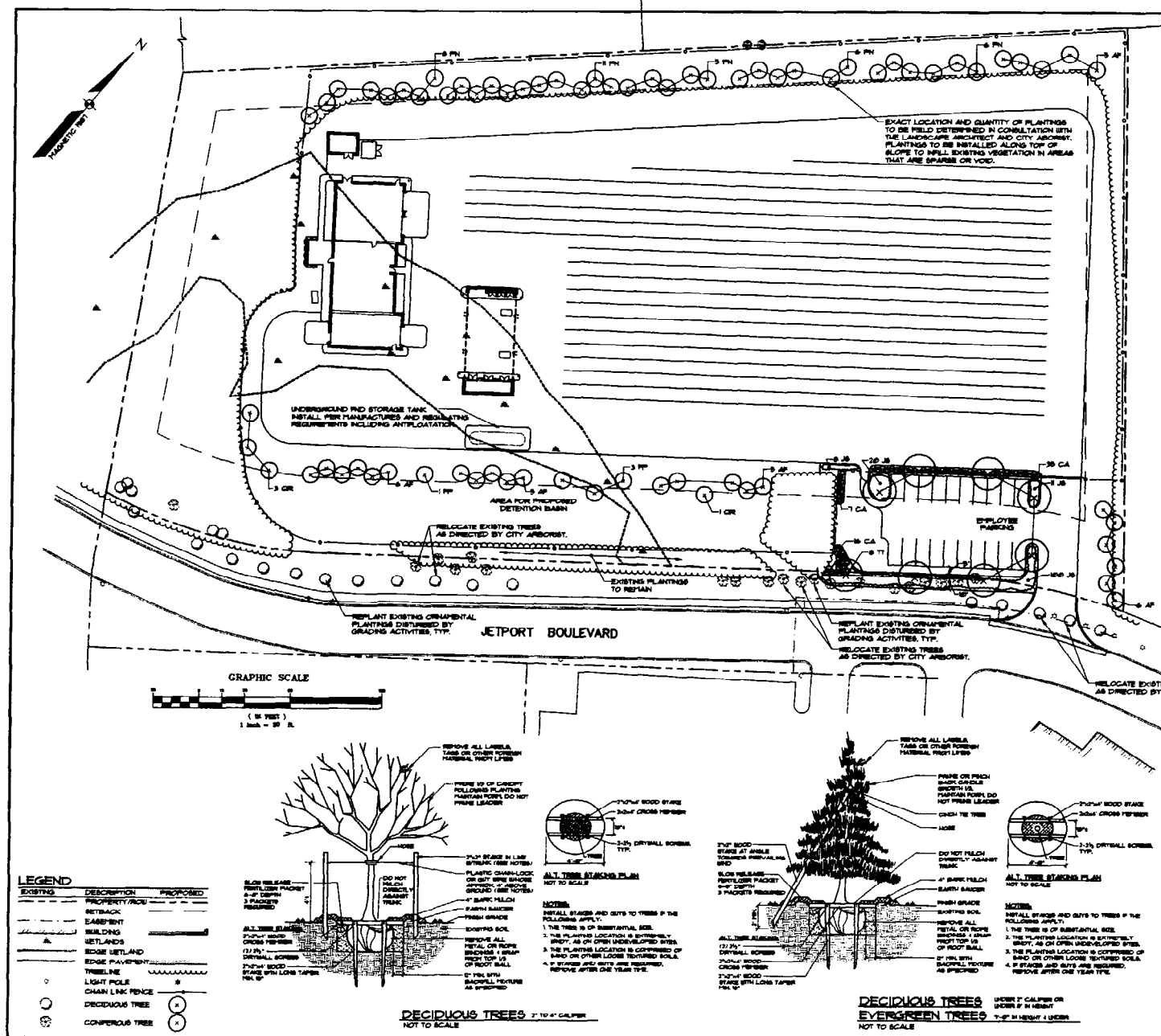


DESIGN BY:	DAM
DRAWN BY:	BPT
CHECKED BY:	DAM
DATE:	04-20-21
SCALE:	1"=30'
FIELD NO.:	26241
PROJ. NO.:	00005
DRAWING:	0000523

SITE PLAN
 OF
AVIS RENT A CAR SYSTEMS, INC.
 JETPORT BOULEVARD
 PORTLAND, MAINE
 FOR:
AVIS RENT A CAR SYSTEMS, INC.
 888 OLD COUNTRY ROAD
 GARDEN CITY, NEW YORK 11530

Sebago Technics
 Engineering & Planning for the Future
 ONE CHURCH STREET
 WESTPORT, ME 04091-1330
 TEL (207) 836-9277

SHEET 3 OF 12

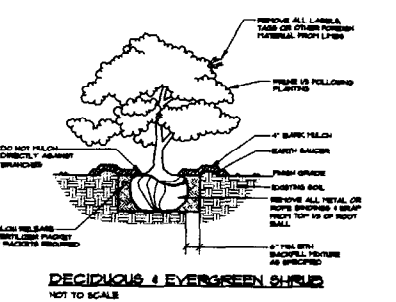


LANDSCAPE NOTES

1. PLANT QUANTITIES SHOWN ON PLANT LISTS ARE FOR CONFORMANCE TO THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ALL PLANT MATERIAL, INSTALLATION & MAINTENANCE.
2. SIZE AND SPECIES STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF U.S.A. STANDARD FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF PLANTERS, INC.
3. ALL PLANT MATERIAL SHALL BE FREE FROM INSECTS AND DISEASE.
4. ALL PLANTINGS SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING TO PLANT BEDS AND TRIM BY FORMATION, PRUNING, STAKING OR OTHER SHAPING, SPACING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE WITH ACCEPTANCE BY THE OWNER.
5. PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR BY THE CONTRACTOR AND A PERIOD OF TWO YEARS THEREAFTER BY THE OWNER FROM DATE OF INSTALLATION DURING THE ONE YEAR GUARANTEE PERIOD. DEAD PLANT MATERIAL SHALL BE REPLACED AT NO COST TO THE OWNER AT THE END OF THE ONE YEAR PERIOD. THE CONTRACTOR SHALL OBTAIN WRITTEN ACCEPTANCE FROM THE OWNER.
6. ALL GRASS, OTHER VEGETATION AND DISEASE SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.
7. EXISTING TREES TO BE PRESERVED WILL BE PROTECTED DURING CONSTRUCTION AND SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
8. THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF THE UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF SAME BEFORE CONSTRUCTION AND DURING CONSTRUCTION. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY BY PHONE, MAIL, OR OTHERWISE IN PERFORMANCE OF THE JOB AT NO ADDITIONAL COST TO THE OWNER.
9. ALL SHRUB BEDS SHALL BE FENCED WITH 2" CLEAR BRANDED BARK MULCH.
10. THE CONTRACTOR SHALL PROVIDE 4" LUMP FOR ALL AREAS TO BE ACCESSED OR SERVED. PLANTING AREAS SHALL BE FENCED BY POLYESTER TAPEWORK OF 1/2" MESH. THE LANDSCAPE CONTRACTOR SHALL COORDINATE TAPEWORK INSTALLATION WITH THE GENERAL CONTRACTOR PRIOR TO PLACING LUMP.
11. ANY SPECIES FROM THE LANDSCAPE PLAN INCLUDING PLANT LOCATION, SELECTION, SIZE, QUANTITY OR CONDITION SHALL BE REVIEWED AND APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT / AND MUNICIPAL ARBORIST, IF APPLICABLE, PRIOR TO INSTALLATION ON SITE.
12. EXISTING VEGETATION SHALL BE CONSERVED IN AREAS BOUND ON THIS SITE UNLESS OR OTHER PROTECTIVE BARRIERS SHALL BE INSTALLED OUTSIDE THE DRIVEWAY OR INDIVIDUAL GROUPINGS OF TREES CONSIDERED FOR PRESERVATION FROM THE CURB OF PROTECTIVE BARRIERS SHALL NOT TAKE PLACE WITHIN THE DRIVEWAY OR THIS CURBLINE FOR PRESERVATION TO PROTECT CONSTRUCTION MATERIALS SHALL BE INSTALLED WITHIN THE DRIVEWAY OF TREES TO BE PRESERVED.

PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	SIZE
JP	ARBO FRAXINUS	FRAXINUS	6'-7' HGT.
CA	CORNUS ALBA	VARIETATED DOBSON	8'-10'
JA	JAPANESE SPYRADA	SPYRADA	8'-10' HGT.
PH	PRUNUS SP.	PRUNUS	6'-7' HGT.
TT	TAXUS CANADENSIS	SPRING GREEN LARCH	7'-8' CAL.
OT	QUERCUS SP.	RED OAK	7'-8' CAL.
PT	PRUNUS SP.	SPYRADA	7'-8' CAL.



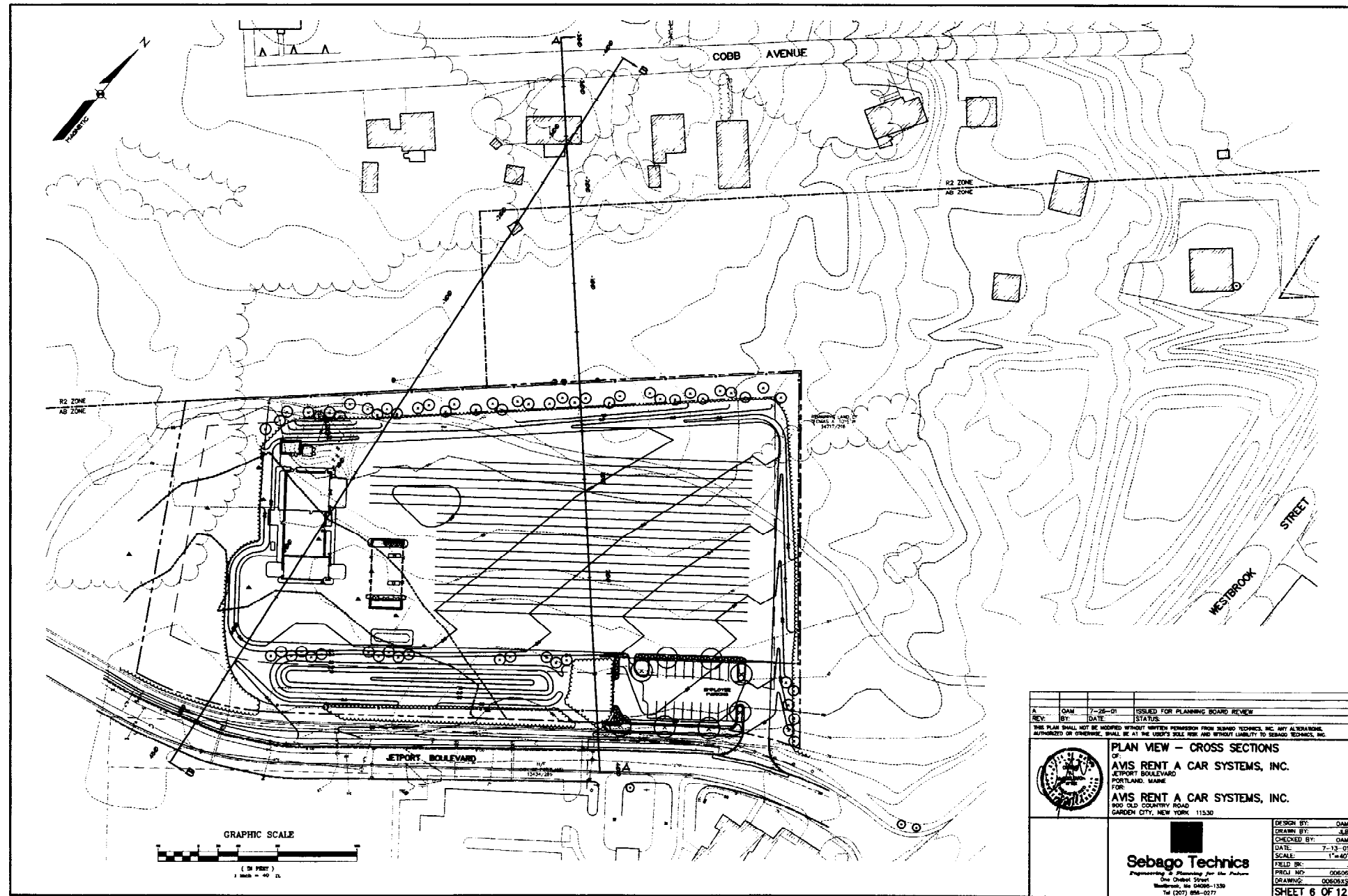
DATE	08-25-01	REVISED PER CONDITIONS OF SITE PLAN APPROVAL
DATE	08-09-01	REVISED PLANTINGS
DATE	07-25-01	ISSUED FOR PRELIMINARY PLANNING BOARD REVIEW
REV.	BY	STATUS
1

THIS PLAN SHALL NOT BE USED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR UNAUTHORIZED, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

LANDSCAPE PLAN
OF
AVIS RENT A CAR SYSTEMS, INC.
JETPORT BOULEVARD
PORTLAND, MAINE
FOR:
AVIS RENT A CAR SYSTEMS, INC.
900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK, 11530

Sebago Technics
Engineering & Planning For All Projects
ONE CHAMPT STREET
WESTPORT, ME 04091-1208
TEL: 603.652.0272

DESIGN BY: 560
DRAWN BY: 560
CHECKED BY: 560
DATE: 07-18-01
SCALE: 1"=30'
FIELD NO: 00606
DRAWING: 00606
SHEET 5 OF 12



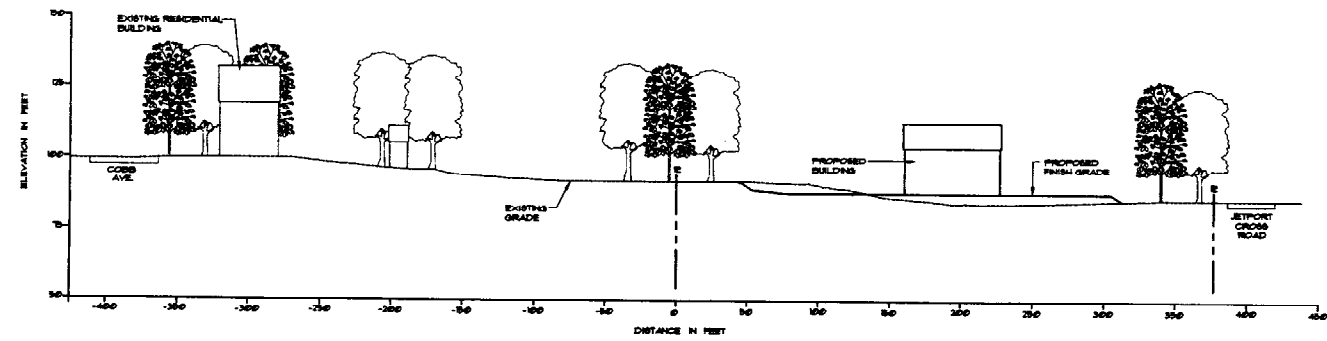
DESIGN BY:	DAM
DRAWN BY:	JLR
CHECKED BY:	DAM
DATE:	7-13-01
SCALE:	1"=40'
FIELD NO.:	
PROJ. NO.:	00606
DRAWING:	00606S3
SHEET 6 OF 12	

ISSUED FOR PLANNING BOARD REVIEW

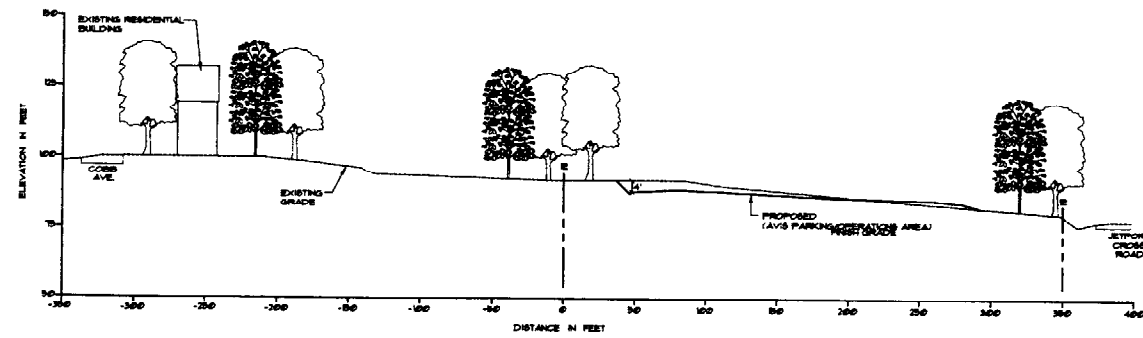
THE PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

PLAN VIEW - CROSS SECTIONS
OF
AVIS RENT A CAR SYSTEMS, INC.
 AIRPORT BOULEVARD
 PORTLAND, MAINE
 FOR:
AVIS RENT A CAR SYSTEMS, INC.
 100 OLD COUNTRY ROAD
 GARDEN CITY, NEW YORK 11530


Sebago Technics
 Engineering & Planning for the Future
 One Oxford Street
 Westbrook, ME 04090-1330
 Tel (207) 894-0277



CROSS-SECTION B-B
SCALE: 1"=40' HORIZ.
1"=20' VERT.



CROSS-SECTION A-A
SCALE: 1"=40' HORIZ.
1"=20' VERT.

REV.	BY	DATE	STATUS
A	QAM	7-26-01	ISSUED FOR PLANNING BOARD REVIEW
THIS PLAN SHALL NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.			
CROSS-SECTIONS			
OF AVIS RENT A CAR SYSTEMS, INC. JETPORT BOULEVARD PORTLAND, MAINE FOR: AVIS RENT A CAR SYSTEMS, INC. 900 OLD COUNTRY ROAD GARDEN CITY, NEW YORK 11530			
 Sebago Technics Engineering & Planning for the Future One Oxford Street Westbrook, ME 04094-1539 Tel: (207) 856-9277		DESIGN BY: QAM	
		DRAWN BY: J.B.	
		CHECKED BY: QAM	
		DATE: 7-13-01	
		SCALE: AS SHOWN	
		FIELD BK:	
		PROJ. NO: 00506	
		DRAWING: 0050615	
		SHEET 7 OF 12	

EROSION AND SEDIMENT CONTROL PLAN

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH DRAINAGE DISTRICT AND EROSION CONTROL HANDBOOK FOR CONSTRUCTION PROJECTS PREPARED BY THE DRAINAGE DISTRICT AND THE PORTLAND COUNTY SOIL AND WATER CONSERVATION DISTRICT AND THE DEPARTMENT OF ENVIRONMENTAL PROTECTION. HANDBOOK IS ON LATEST EDITION.

ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION.

ALL DISTURBED AREAS ON THE SITE NOT COVERED BY BUILDINGS OR PAVED AREAS SHALL BE STABILIZED WITH LOGS AND SEED OR OTHER MEASURES AS DESCRIBED BY BEST MANAGEMENT PRACTICES (SEE ABOVE REFERENCES).

A. PRE-CONSTRUCTION PHASE

FROM THE COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

B. CONSTRUCTION AND POST-CONSTRUCTION PHASE

1. ALL AREAS TO BE EXCAVATED SHALL BE PROTECTED BY EROSION CONTROL MEASURES. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

C. VEGETATION PLAN

1. VEGETATION MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

D. EROSION CONTROL DURING CONSTRUCTION

1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

E. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

F. CONSTRUCTION SCHEDULE

1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

G. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

H. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

I. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

J. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

K. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

L. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

M. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

N. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

O. EROSION CONTROL BLANKET

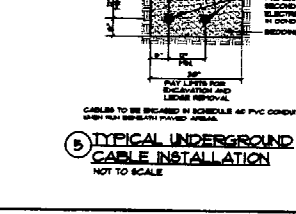
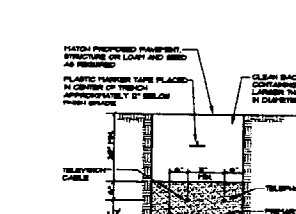
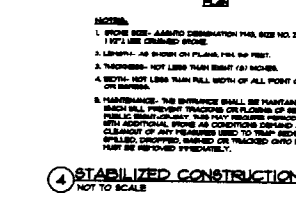
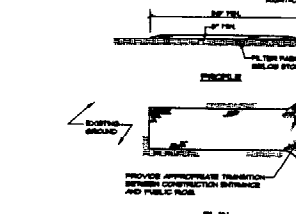
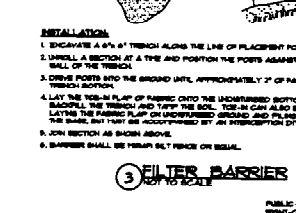
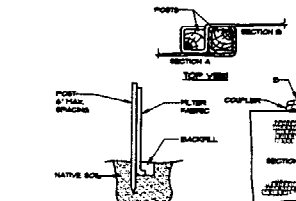
1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

P. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.

Q. EROSION CONTROL BLANKET

1. EROSION CONTROL BLANKETS SHALL BE INSTALLED PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING VEGETATION AND SOIL COVER TO THE MAXIMUM EXTENT POSSIBLE.



CONSTRUCTION TYPE	START DATE	END DATE
1. PREPARATION OF SITE	OCT. 20, 2001	JAN. 2002
2. EROSION CONTROL MEASURES PLACED	OCT. 20, 2001	NOV. 2001
3. SITE CLEARING, EXCAVATION, EROSION CONTROL AND FILLING (CONCRETE CONSTRUCTION)	OCT. 20, 2001	NOV. 2001
4. DRAINAGE & UTILITY CONSTRUCTION	NOV. 2001	NOV. 2001
5. START FINAL TEMPORARY VEGETATION OF EXPOSED AREAS	NOV. 2001	NOV. 2001
6. REMOVAL OF EROSION CONTROL MEASURES	NOV. 2001	NOV. 2001
7. REPAIR OF AREAS	NOV. 2001	NOV. 2001
8. COMPLETION OF CONSTRUCTION	NOV. 2001	NOV. 2001

CONSTRUCTION TYPE	START DATE	END DATE
1. PREPARATION OF SITE	OCT. 20, 2001	JAN. 2002
2. EROSION CONTROL MEASURES PLACED	OCT. 20, 2001	NOV. 2001
3. SITE CLEARING, EXCAVATION, EROSION CONTROL AND FILLING (CONCRETE CONSTRUCTION)	OCT. 20, 2001	NOV. 2001
4. DRAINAGE & UTILITY CONSTRUCTION	NOV. 2001	NOV. 2001
5. START FINAL TEMPORARY VEGETATION OF EXPOSED AREAS	NOV. 2001	NOV. 2001
6. REMOVAL OF EROSION CONTROL MEASURES	NOV. 2001	NOV. 2001
7. REPAIR OF AREAS	NOV. 2001	NOV. 2001
8. COMPLETION OF CONSTRUCTION	NOV. 2001	NOV. 2001

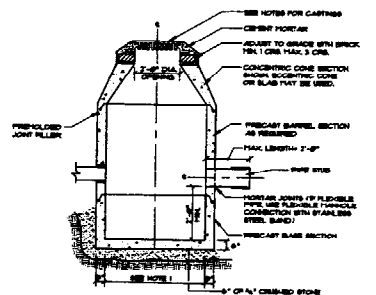
CONSTRUCTION TYPE	START DATE	END DATE
1. PREPARATION OF SITE	OCT. 20, 2001	JAN. 2002
2. EROSION CONTROL MEASURES PLACED	OCT. 20, 2001	NOV. 2001
3. SITE CLEARING, EXCAVATION, EROSION CONTROL AND FILLING (CONCRETE CONSTRUCTION)	OCT. 20, 2001	NOV. 2001
4. DRAINAGE & UTILITY CONSTRUCTION	NOV. 2001	NOV. 2001
5. START FINAL TEMPORARY VEGETATION OF EXPOSED AREAS	NOV. 2001	NOV. 2001
6. REMOVAL OF EROSION CONTROL MEASURES	NOV. 2001	NOV. 2001
7. REPAIR OF AREAS	NOV. 2001	NOV. 2001
8. COMPLETION OF CONSTRUCTION	NOV. 2001	NOV. 2001

CONSTRUCTION TYPE	START DATE	END DATE
1. PREPARATION OF SITE	OCT. 20, 2001	JAN. 2002
2. EROSION CONTROL MEASURES PLACED	OCT. 20, 2001	NOV. 2001
3. SITE CLEARING, EXCAVATION, EROSION CONTROL AND FILLING (CONCRETE CONSTRUCTION)	OCT. 20, 2001	NOV. 2001
4. DRAINAGE & UTILITY CONSTRUCTION	NOV. 2001	NOV. 2001
5. START FINAL TEMPORARY VEGETATION OF EXPOSED AREAS	NOV. 2001	NOV. 2001
6. REMOVAL OF EROSION CONTROL MEASURES	NOV. 2001	NOV. 2001
7. REPAIR OF AREAS	NOV. 2001	NOV. 2001
8. COMPLETION OF CONSTRUCTION	NOV. 2001	NOV. 2001

CONSTRUCTION TYPE	START DATE	END DATE
1. PREPARATION OF SITE	OCT. 20, 2001	JAN. 2002
2. EROSION CONTROL MEASURES PLACED	OCT. 20, 2001	NOV. 2001
3. SITE CLEARING, EXCAVATION, EROSION CONTROL AND FILLING (CONCRETE CONSTRUCTION)	OCT. 20, 2001	NOV. 2001
4. DRAINAGE & UTILITY CONSTRUCTION	NOV. 2001	NOV. 2001
5. START FINAL TEMPORARY VEGETATION OF EXPOSED AREAS	NOV. 2001	NOV. 2001
6. REMOVAL OF EROSION CONTROL MEASURES	NOV. 2001	NOV. 2001
7. REPAIR OF AREAS	NOV. 2001	NOV. 2001
8. COMPLETION OF CONSTRUCTION	NOV. 2001	NOV. 2001

CONSTRUCTION TYPE	START DATE	END DATE
1. PREPARATION OF SITE	OCT. 20, 2001	JAN. 2002
2. EROSION CONTROL MEASURES PLACED	OCT. 20, 2001	NOV. 2001
3. SITE CLEARING, EXCAVATION, EROSION CONTROL AND FILLING (CONCRETE CONSTRUCTION)	OCT. 20, 2001	NOV. 2001
4. DRAINAGE & UTILITY CONSTRUCTION	NOV. 2001	NOV. 2001
5. START FINAL TEMPORARY VEGETATION OF EXPOSED AREAS	NOV. 2001	NOV. 2001
6. REMOVAL OF EROSION CONTROL MEASURES	NOV. 2001	NOV. 2001
7. REPAIR OF AREAS	NOV. 2001	NOV. 2001
8. COMPLETION OF CONSTRUCTION	NOV. 2001	NOV. 2001

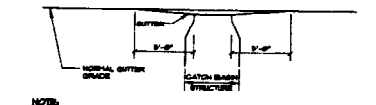
<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>05-29-01</td> <td>REMOVE GREASE TRAP</td> </tr> <tr> <td>2</td> <td>07-28-01</td> <td>ISSUED FOR PLANNING BOARD REVIEW</td> </tr> </table>	NO.	DATE	DESCRIPTION	1	05-29-01	REMOVE GREASE TRAP	2	07-28-01	ISSUED FOR PLANNING BOARD REVIEW	<p>DETAILS</p> <p>OF</p> <p>AVIS RENT A CAR SYSTEMS, INC.</p> <p>17000 BOULEVARD</p> <p>PORTLAND, MAINE</p> <p>FOR</p> <p>AVIS RENT A CAR SYSTEMS, INC.</p> <p>CARDEN CITY, NEW YORK 11530</p>
NO.	DATE	DESCRIPTION								
1	05-29-01	REMOVE GREASE TRAP								
2	07-28-01	ISSUED FOR PLANNING BOARD REVIEW								
<p>DESIGN BY: DAM</p> <p>DRAWN BY: JLB/BPT</p> <p>CHECKED BY: DAM</p> <p>DATE: 05-29-01</p> <p>SCALE: AS NOTED</p> <p>FIELD NO.: 00000</p> <p>PROJECT NO.: 00000</p> <p>DRAWING: 0000001</p> <p>SHEET 8 OF 12</p>	<p>Sebago Technics</p> <p>Professional Engineering & Surveying</p> <p>ONE CHURCH STREET</p> <p>WESTPORT, ME 04091-1338</p> <p>TEL: (207) 838-3277</p>									



NOTES:

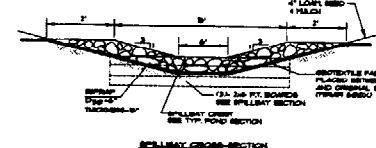
- 4" DIA. TYPICAL. SIDE STRUCTURES MAY REQUIRE LARGER I.D. PROVIDE SHOP DRAWINGS.
- DIAPHRAGM STRUCTURES TO BE CONSTRUCTED PER 11-20 LOCALS.
- PIPE SIZES AND INVERTS AS NOTED ON PLAN.
- CATCH BASIN FRAMES AND GRATES TO BE STANDARD PORTLAND CEMENT TYPE I OR II OR APPROVED EQUAL.
- DIAPHRAGM MANHOLE FRAMES AND COVERS TO BE STANDARD PORTLAND CEMENT OR APPROVED EQUAL. COVER SHALL BE THROTTLE COVER.

1 TYPICAL CATCH BASIN
NOT TO SCALE



NOTE: CATCH BASIN GRATES SHALL BE DESIGNED TO BELOW THE NORMAL GUTTER GRADE. GRADE SHALL BE DETERMINED BY THE NORMAL GUTTER GRADE. GRADE SHALL BE DETERMINED BY THE NORMAL GUTTER GRADE. GRADE SHALL BE DETERMINED BY THE NORMAL GUTTER GRADE.

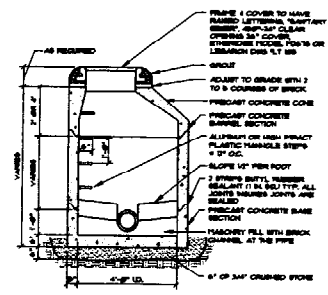
2 GRADE TRANSITION AT CATCH BASIN
NOT TO SCALE



REINFORCEMENT CONSTRUCTION:

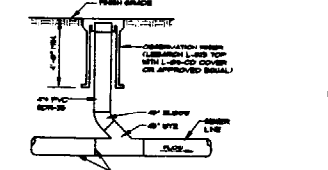
- CONSTRUCTION OF CONCRETE STRUCTURE PERMANENT, PERFORM SPECIFICATION.
- PLACE BORONIC MATERIAL IN 12" LIFTS COMPACTED TO 95% OF MAX. DENSITY.
- INSTALL RIPRAP AND BRUSH CONTROL. RIPRAP SHALL BE SPECIFIED ON PLAN.
- LOOSE FILL AND STABILIZE IN ACCORDANCE WITH SPECIFICATION AND BRUSH CONTROL PLAN.

3 SPILLWAY SECTION
NOT TO SCALE

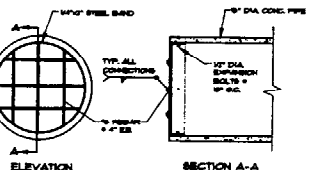


NOTE: PIPE CONNECTIONS SHALL BE WATERPROOF FLEXIBLE BOOT CONNECTIONS PROVIDING LEAKPROOF CONNECTION.

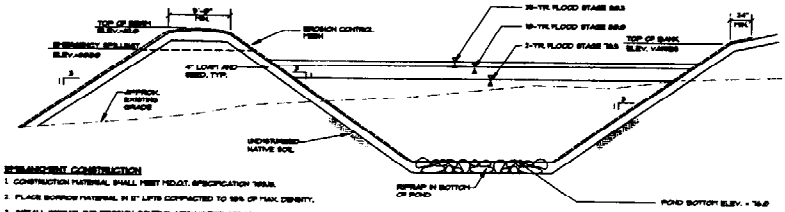
4 PRECAST MANHOLE
NOT TO SCALE



5 SEWER CLEANOUT
NOT TO SCALE



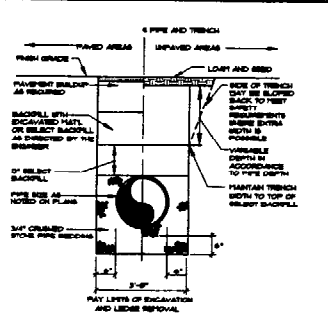
6 TRASH RACK
NOT TO SCALE



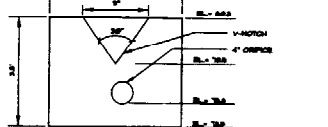
REINFORCEMENT CONSTRUCTION:

- CONSTRUCTION MATERIAL SHALL MEET AASHTO SPECIFICATION.
- PLACE BORONIC MATERIAL IN 12" LIFTS COMPACTED TO 95% OF MAX. DENSITY.
- INSTALL RIPRAP AND BRUSH CONTROL. RIPRAP SHALL BE SPECIFIED ON PLAN.
- LOOSE FILL AND STABILIZE IN ACCORDANCE WITH SPECIFICATION AND BRUSH CONTROL PLAN.

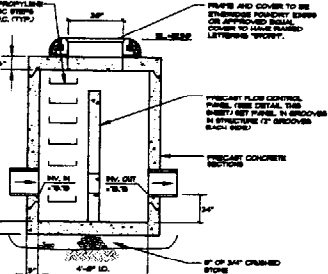
7 DTP DETENTION POND SECTION
NOT TO SCALE



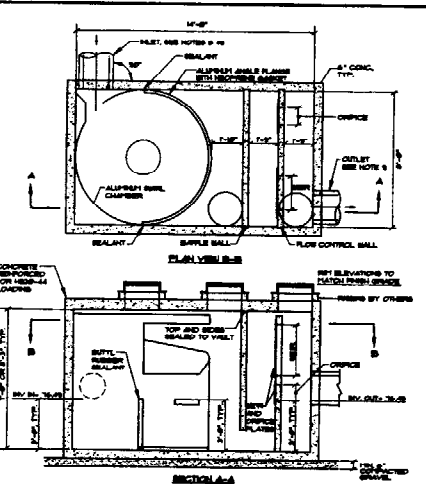
8 TYPICAL TRENCH SECTION
NOT TO SCALE



9 PRECAST FLOW CONTROL PANEL
NOT TO SCALE



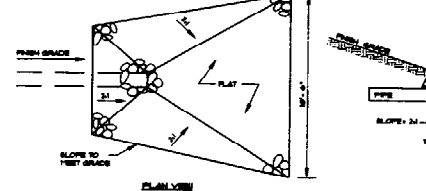
10 OUTLET CONTROL STRUCTURE
NOT TO SCALE



NOTES:

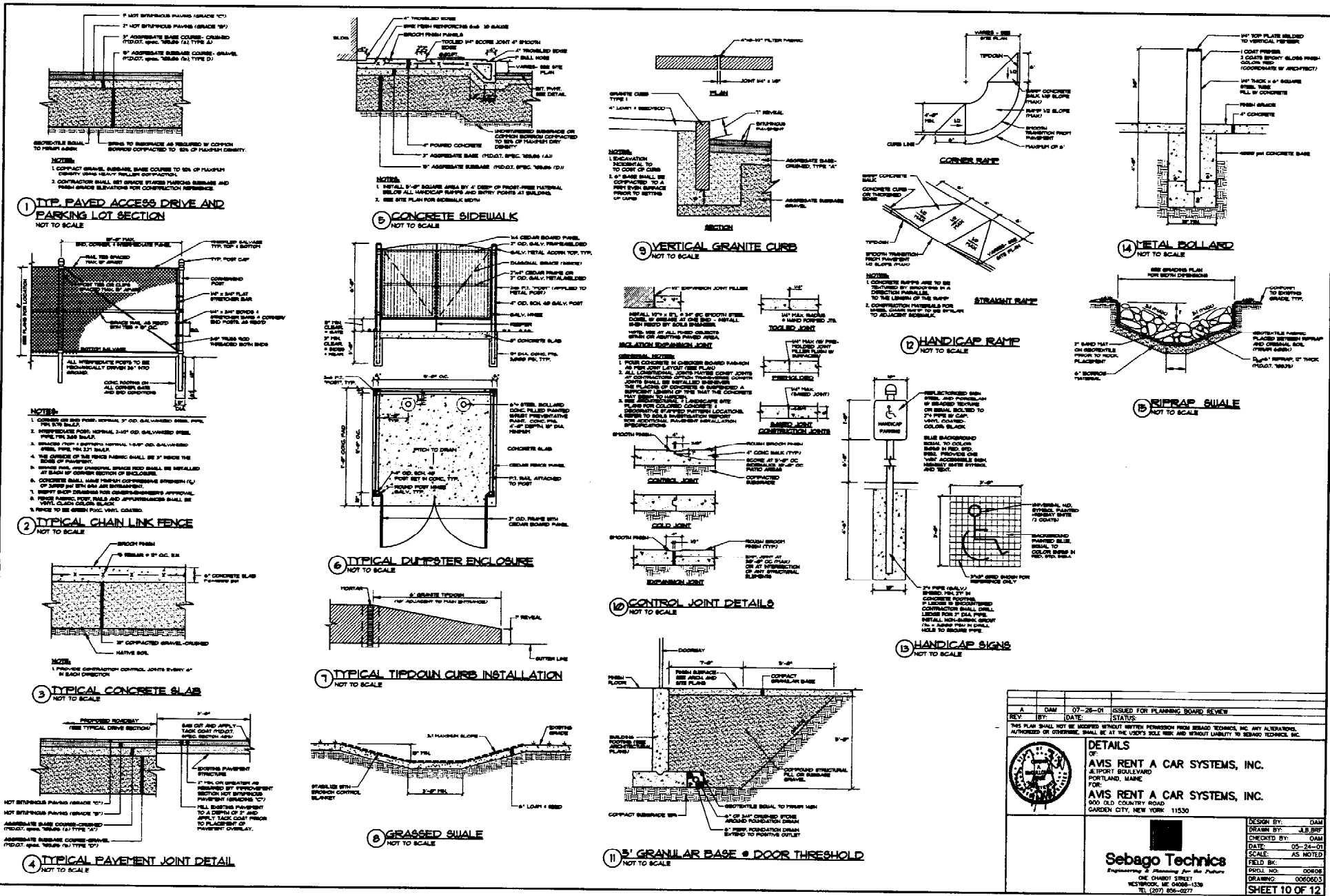
- CONSTRUCTION MATERIAL SHALL MEET AASHTO SPECIFICATION.
- PLACE BORONIC MATERIAL IN 12" LIFTS COMPACTED TO 95% OF MAX. DENSITY.
- INSTALL RIPRAP AND BRUSH CONTROL. RIPRAP SHALL BE SPECIFIED ON PLAN.
- LOOSE FILL AND STABILIZE IN ACCORDANCE WITH SPECIFICATION AND BRUSH CONTROL PLAN.

11 STORMWATER TREATMENT SYSTEM VORTECHS MODEL 1000
NOT TO SCALE

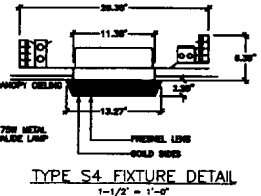
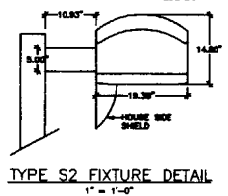
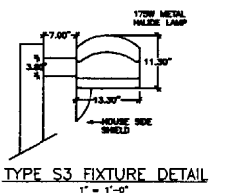
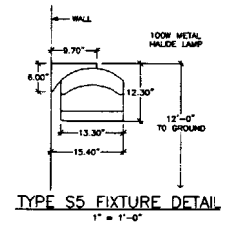
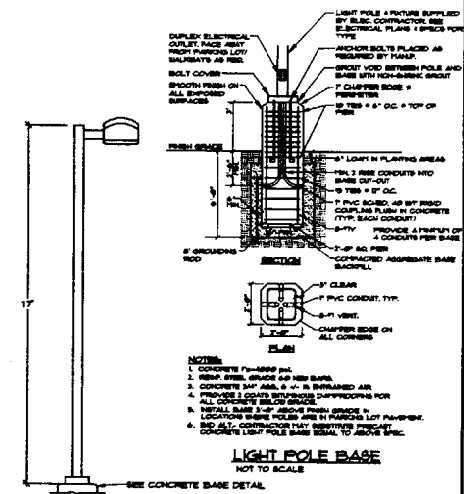
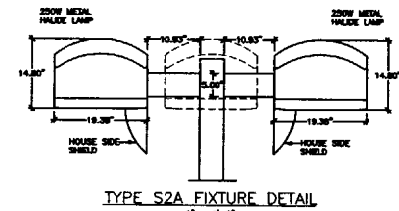
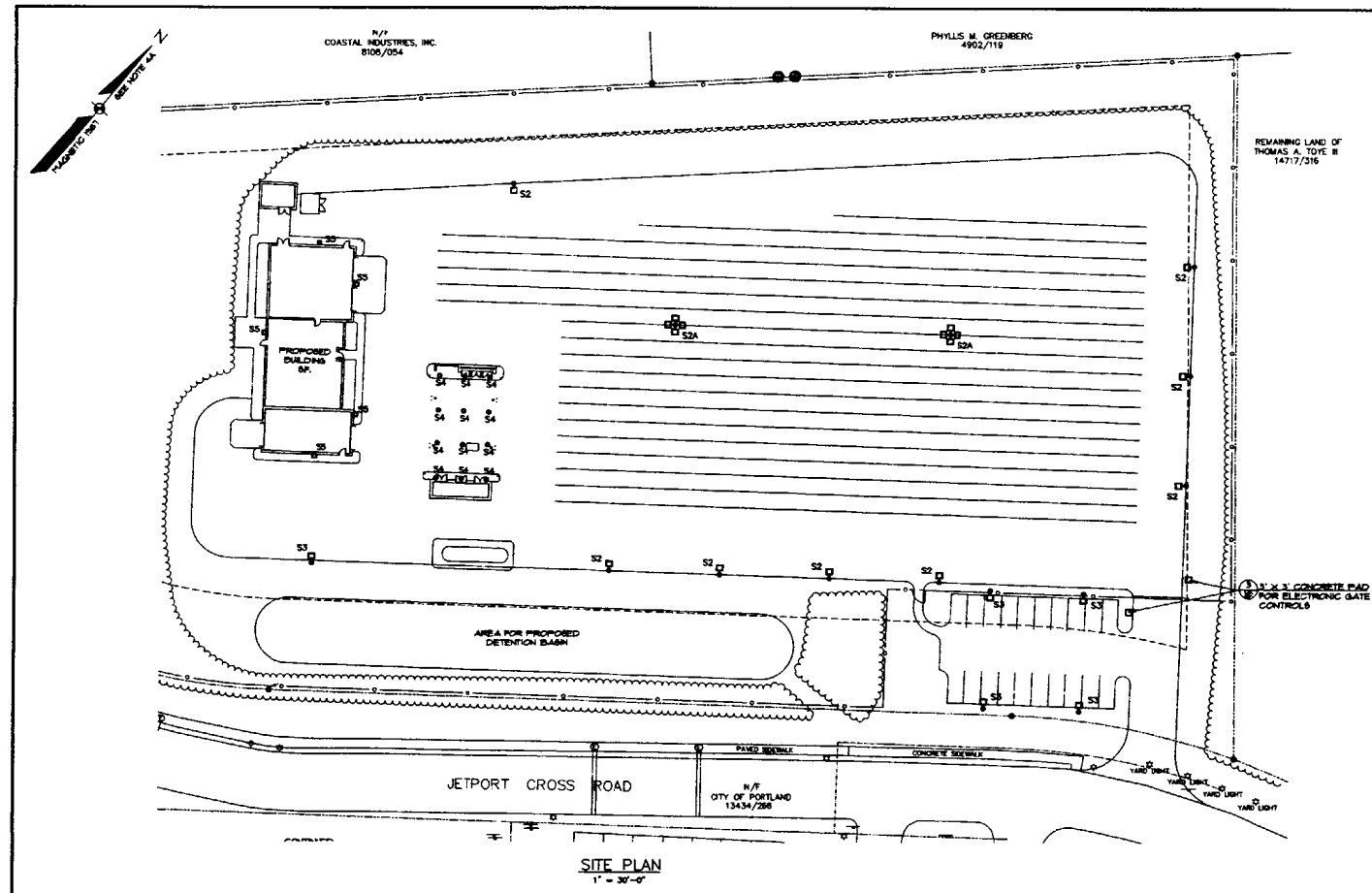


12 RIPRAP APRON
NOT TO SCALE

DESIGN BY: GJM	ISSUED FOR PLANNING BOARD REVIEW
DRAWN BY: JLB/BF	STATUS:
CHECKED BY: GJM	DATE: 07-26-01
FIELD BY: GJM	DATE: 08-24-01
SCALE: AS NOTED	
PROJ. NO: 00606	
DRAWING: 00606D	
DETAILS OF: AVIS RENT A CAR SYSTEMS, INC. 25 FORT SULLIVAN PORTLAND, MAINE FOR: AVIS RENT A CAR SYSTEMS, INC. 600 OLD COUNTY ROAD GARDEN CITY, NEW YORK 11530	
Sebago Technics Engineering & Planning for the Future ONE CHAMOT STREET WESTBORO, MA 01581-1130 TEL: (508) 866-0577	SHEET 9 OF 12



REV	BY	DATE	STATUS
A	DAM	07-28-01	ISSUED FOR PLANNING BOARD REVIEW
THIS PLAN SHALL NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, ADDITIONS OR DELETIONS SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.			
DETAILS OF: AVIS RENT A CAR SYSTEMS, INC. 10 PORTLAND SQUARE PORTLAND, MAINE FOR: AVIS RENT A CAR SYSTEMS, INC. 900 OLD COUNTRY ROAD GARDEN CITY, NEW YORK 11530			
Sebago Technics Engineering & Planning for the Future ONE CHURCH STREET WESTPORT, ME 04091-1330 TEL (207) 856-0277		DESIGN BY: DAM DRAWN BY: J.E. BRY CHECKED BY: DAM DATE: 05-24-01 SCALE: AS NOTED FIELD NO.: 00808 DRAWING: 0000603 SHEET 10 OF 12	

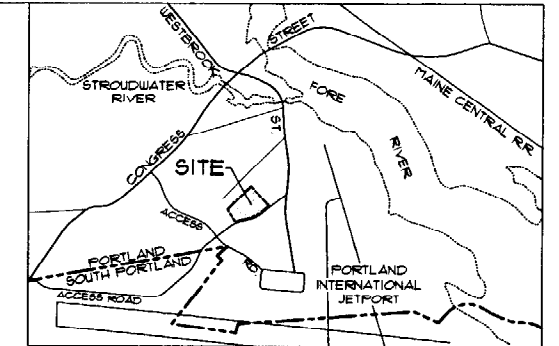
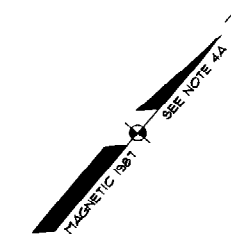


B	08-28-01	REVISED PER CONDITIONS OF SITE PLAN APPROVAL
A	07-25-01	ISSUED FOR PLANNING BOARD REVIEW
REV. BY:	DATE:	STATUS:
THIS PLAN SHALL NOT BE ADOPED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR UNAUTHORIZED, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.		
LIGHTING PLAN		
OF		
AVIS RENT A CAR SYSTEMS, INC.		
JETPORT BOULEVARD PORTLAND, MAINE		
FOR:		
AVIS RENT A CAR SYSTEMS, INC.		
800 OLD COUNTRY ROAD GARDEN CITY, NEW YORK 11530		
	DESIGN BY: J.C.	CHECKED BY: J.C.
	DATE: 07-25-01	SCALE: 1"=30'
	FIELD NO.: 00606	DRAWING: 00606.10
		SHEET 11 OF 12

COASTAL INDUSTRIES, INC.
8108/054

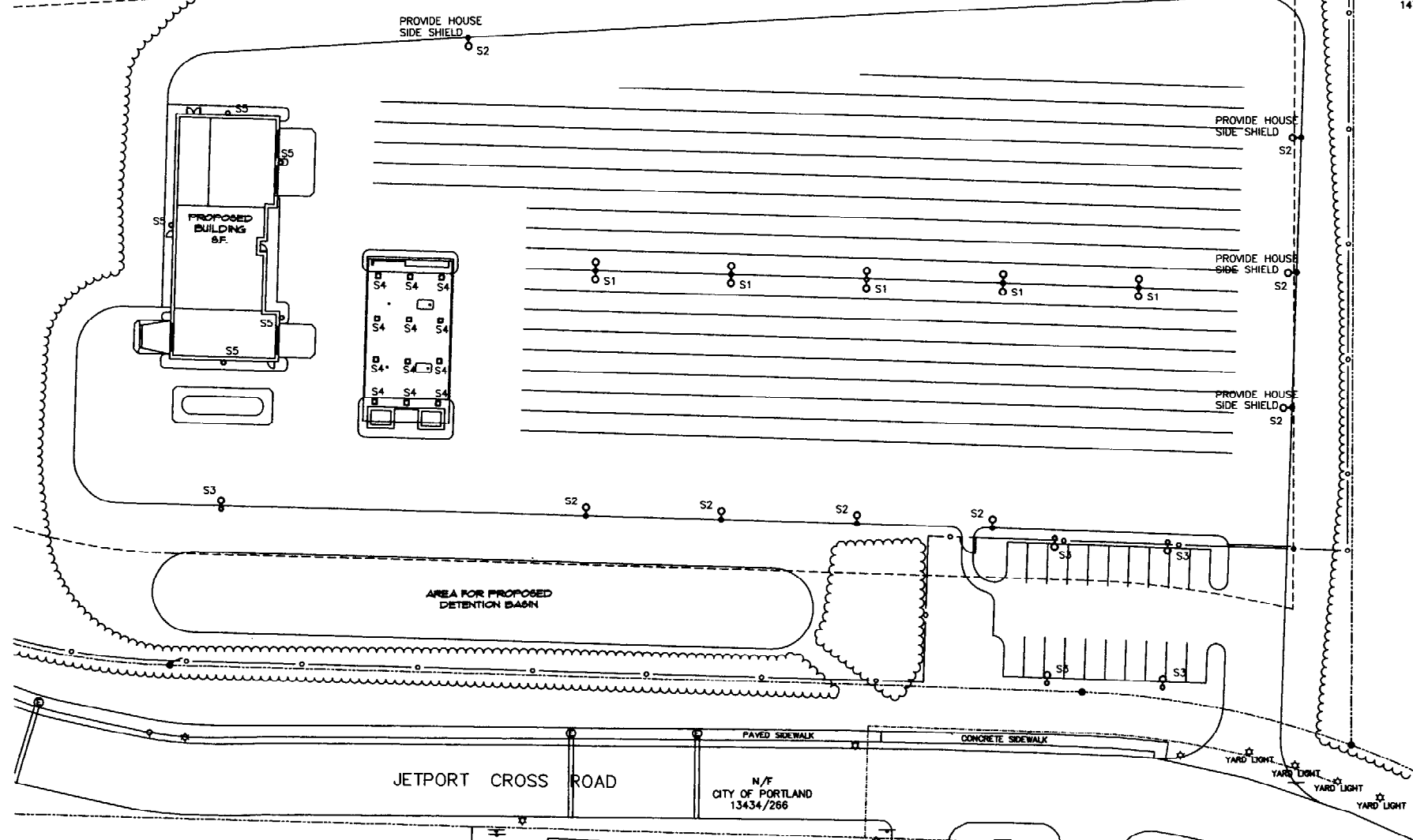
PHILIP M. GREENBERG
4902/119

REMAINING LAND
THOMAS A. TOYE
14717/316



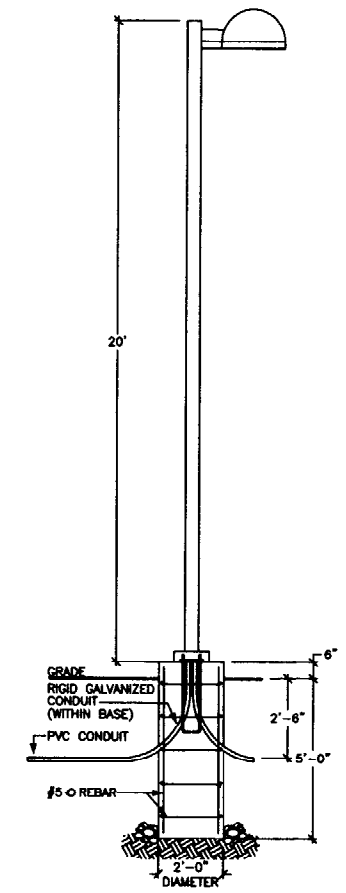
LOCATION MAP

NT.S.

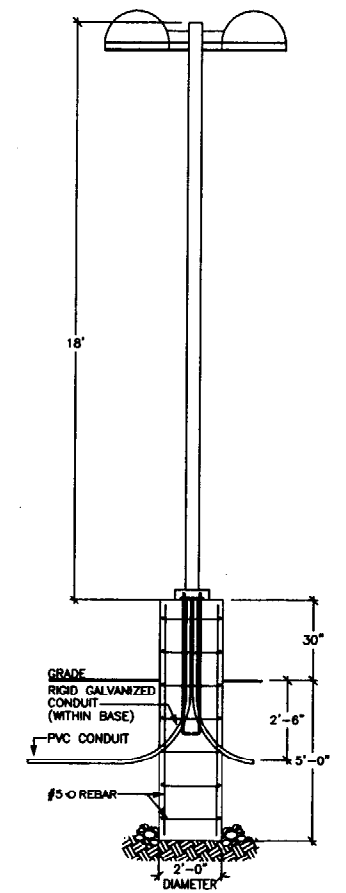


CONTINUED

SITE PLAN
1" = 30'-0"



TYPE S2/S3 POLE DETAIL
3/8" = 1'-0"

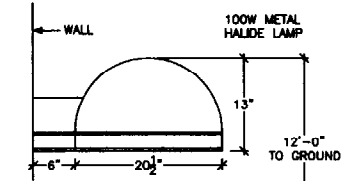


TYPE S1 POLE DETAIL
3/8" = 1'-0"

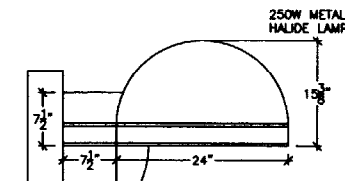
LIGHTING FIXTURE SCHEDULE
(EXTERIOR ONLY)

NO.	MANUFACTURER	CAT. NO.	NO.	LAMP TYPE	DESCRIPTION
S1	McGraw Edision	22AD21531BK (fixture) RSAS18NY22 (pole)	2	MVR250/ HOR	TWIN CUT-OFF TYPE AREA LIGHT WITH FLAT TEMPERED GLASS LENS.
S2	McGraw Edision	ZAD21541BK (fixture) RSAS20NY21 (pole)	1	MVR250/ HOR	SINGLE CUT-OFF TYPE AREA LIGHT WITH FLAT TEMPERED GLASS LENS.
S3	McGraw Edision	ZAD11441BK (fixture) RSAS20NY21 (pole)	1	MVR175/ HOR	SINGLE CUT-OFF TYPE AREA LIGHT WITH FLAT TEMPERED GLASS LENS.
S4	LUMARK	MHCL-250-120-C73	1	MVR250/ HOR	SURFACE MOUNTED CANOPY LIGHT WITH FLAT PRISMATIC TEMPERED GLASS LENS.
S5	McGraw Edision	ZAD11241BK- MA1001	1	MVR100/ HOR	WALL MOUNTED CUT-OFF AREA LIGHT WITH FLAT TEMPERED GLASS LENS.

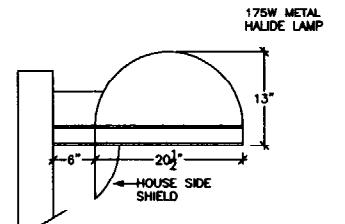
1. ALL LIGHT FIXTURES ARE 120 VOLT EXCEPT AS SPECIFICALLY NOTED OTHERWISE IN SCHEDULE.
2. LAMP DESIGNATIONS REFER TO GENERAL ELECTRIC ORDERING CODES, ALSO APPROVED ARE EQUIVALENT LAMPS BY OSRAM-SYLVANIA AND PHILIPS-WESTINGHOUSE.



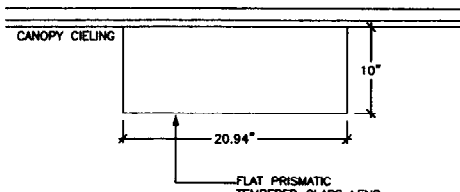
TYPE S5 FIXTURE DETAIL
1" = 1'-0"



TYPE S1/S2 FIXTURE DETAIL
1" = 1'-0"



TYPE S3 FIXTURE DETAIL
1" = 1'-0"



TYPE S4 FIXTURE DETAIL
1-1/2" = 1'-0"

B	JLC	09-06-01	ISSUED FOR PLANNING BOARD REVIEW
A	OAM	07-20-01	ISSUED FOR PRELIMINARY PLANNING BOARD REVIEW
REV:	BY:	DATE:	STATUS:

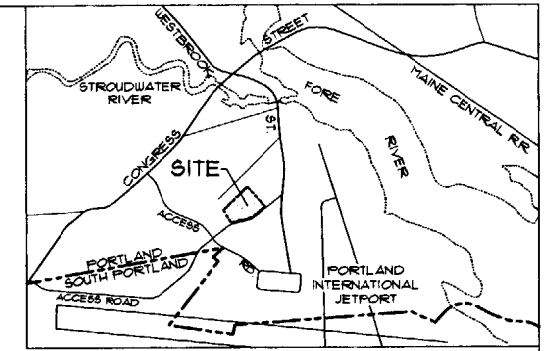
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

SITE PLAN
OF:
AVIS RENT A CAR SYSTEMS, INC.
WESTBROOK STREET
PORTLAND, MAINE
FOR:
AVIS RENT A CAR SYSTEMS, INC.
900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK 11530

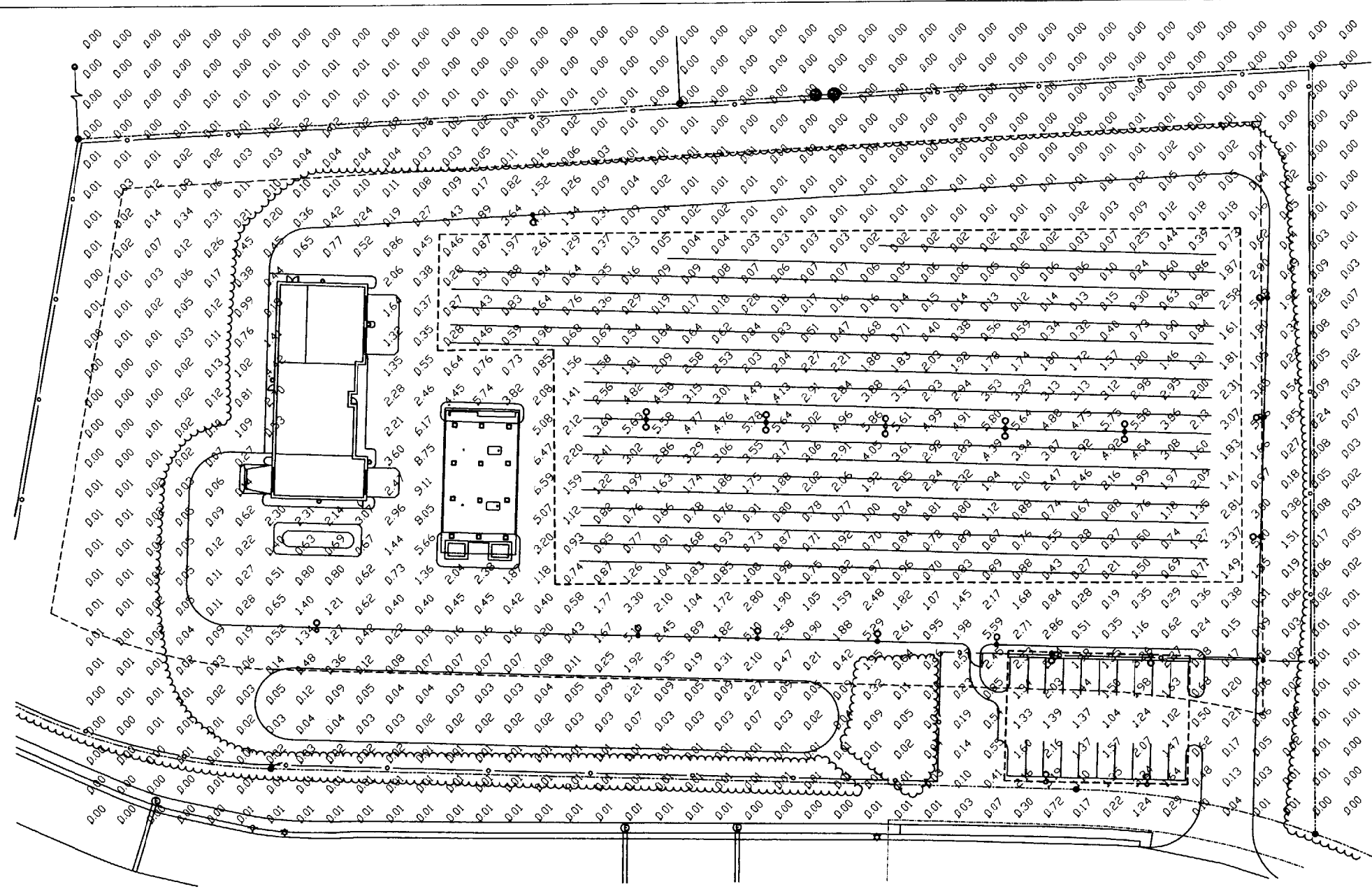
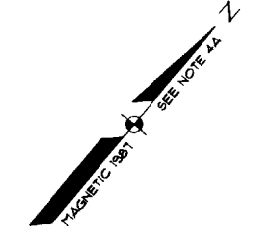
DESIGN BY: JLC
DRAWN BY: JLC
CHECKED BY: LFB
DATE: 07-25-01
SCALE: AS NOTED
FIELD BK: 580AA
PROJ. NO: 00606
DRAWING: 00606S2

Sebago Technics
Engineering & Planning for the Future
ONE CHABOT STREET
WESTBROOK, ME 04098-1339
TEL (207) 856-0277

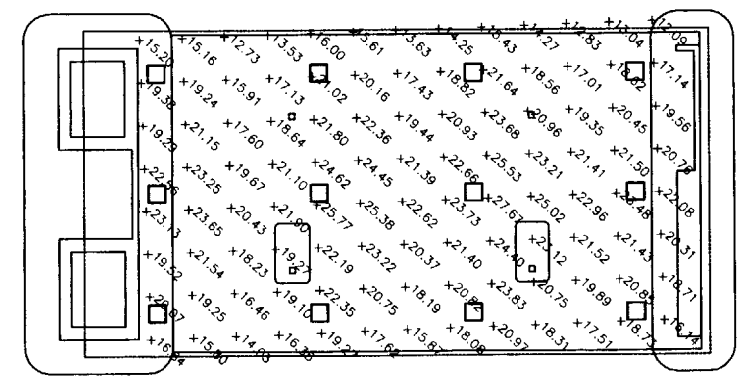
E:\001\041601\avis\received from consultant\13171.dwg, Layout1, 09/26/01 10:40:20 PM, G:\MIDWEST\AUCI\exp\13171.dwg, 3/30/00 (local)



LOCATION MAP N.T.S.



SITE PLAN
1" = 30'-0"



CANOPY PLAN
1" = 10'-0"

B	JLC	09-06-01	ISSUED FOR PLANNING BOARD REVIEW
A	OAM	07-20-01	ISSUED FOR PRELIMINARY PLANNING BOARD REVIEW
REV:	BY:	DATE:	STATUS:

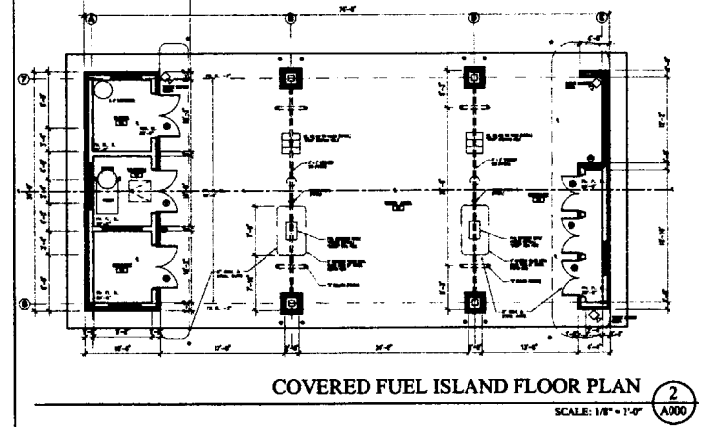
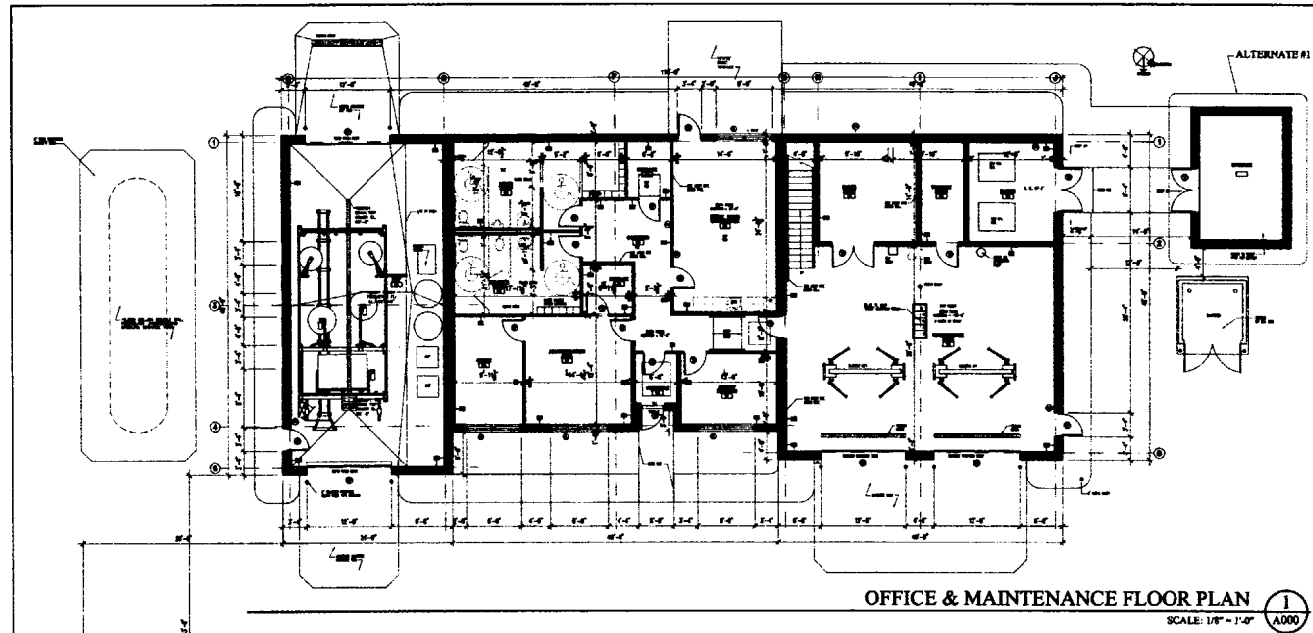
THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

SITE PLAN
OF:
AMIS RENT A CAR SYSTEMS, INC.
WESTBROOK STREET
PORTLAND, MAINE
FOR:
AMIS RENT A CAR SYSTEMS, INC.
900 OLD COUNTRY ROAD
GARDEN CITY, NEW YORK 11530

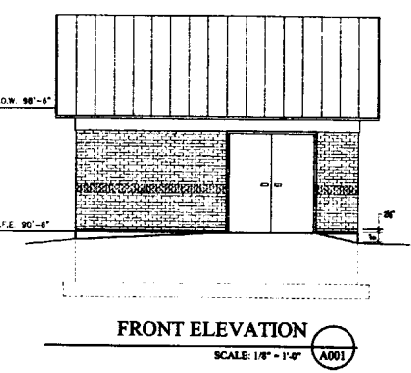
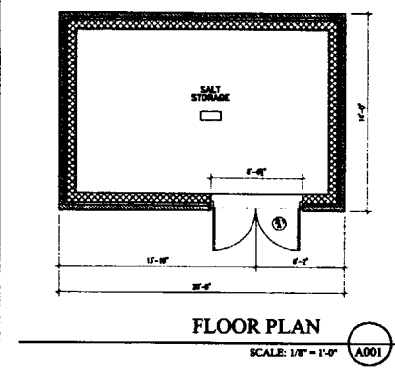
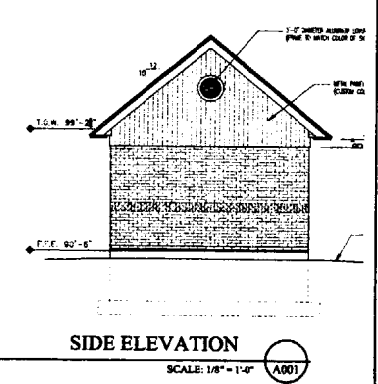
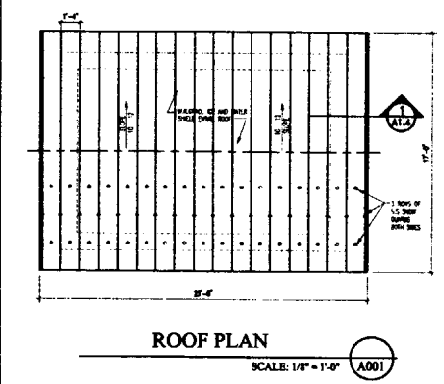
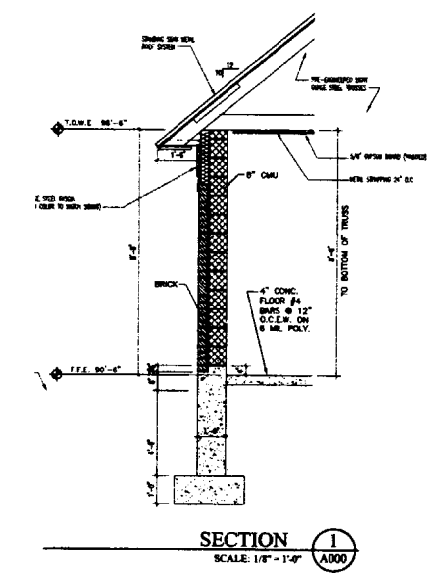
DESIGN BY: JLC
DRAWN BY: JLC
CHECKED BY: LEB
DATE: 07-25-01
SCALE: AS NOTED
FIELD BK: 580AA
PROJ NO: 00606
DRAWING: 00606S2
SHEET 2 OF 2

Sebago Technics
Engineering & Planning for the Future
ONE CHABOT STREET
WESTBROOK, ME 04098-1139
TEL (207) 856-0277

2001/04/16/1:44:10 AM saved from consultant\0131712.dwg, Layout1, 09/26/01 02:42:03 PM, File#, ARCH, rescaled D (24.00 x 36.00 inches)



ALTERNATE # 1



GAWRON ARCHITECTS
20 Black Point Road
Scarborough, ME 04074
www.gawron.com
Tel: 207.883.6387
Fax: 207.883.6361

AVIS
CORPORATE FACILITIES

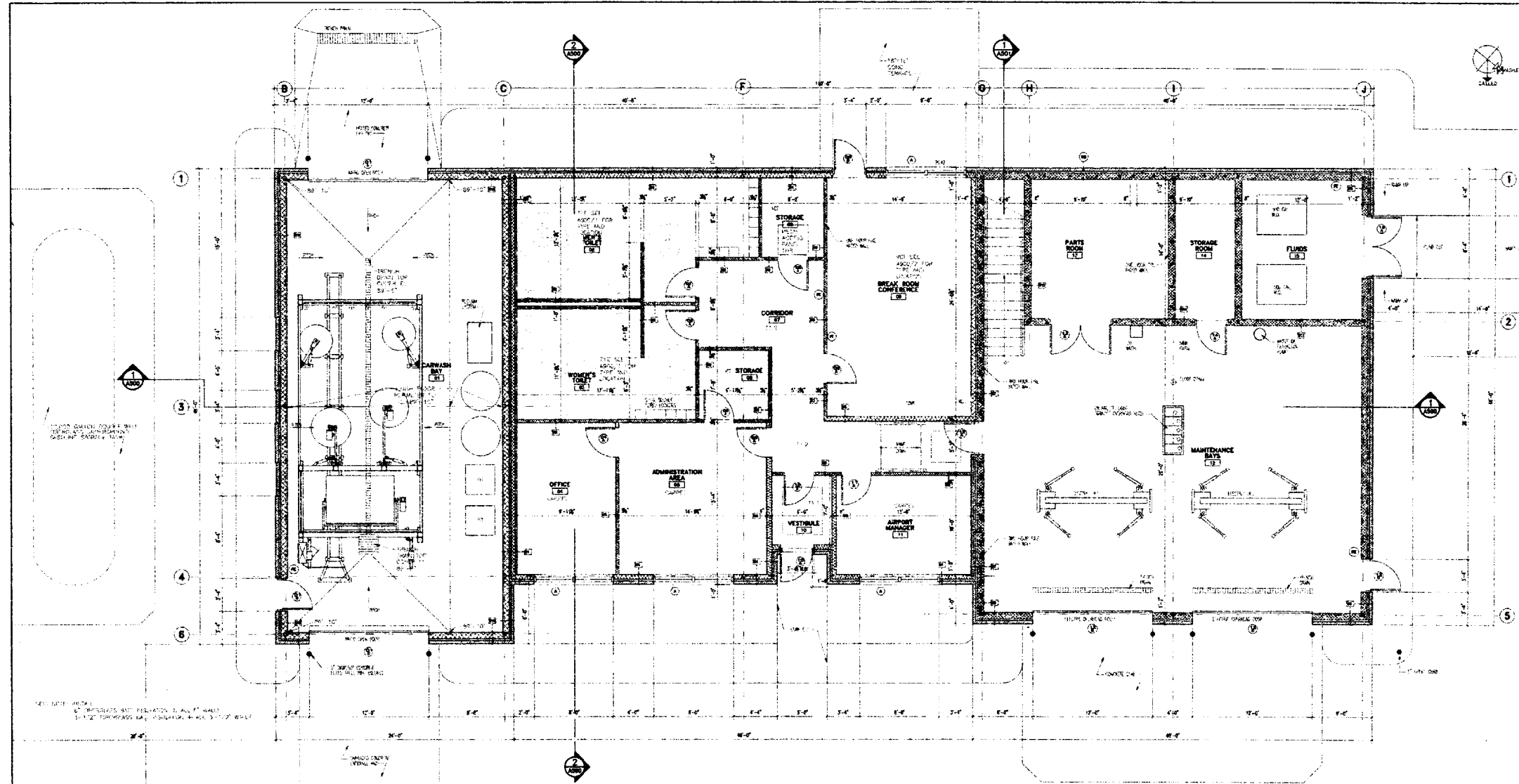
VEHICLE SERVICE CENTER
PORTLAND, ME
JETPORT BOULEVARD

REVISIONS	
No.	Description

DATE:	09/17/11
PROJECT #:	04081
DRAWN BY:	GAJ
CHECKED BY:	JMH
DRAWING SCALE:	1/8" = 1'-0"
SHEET TITLE	
FLOOR PLAN	

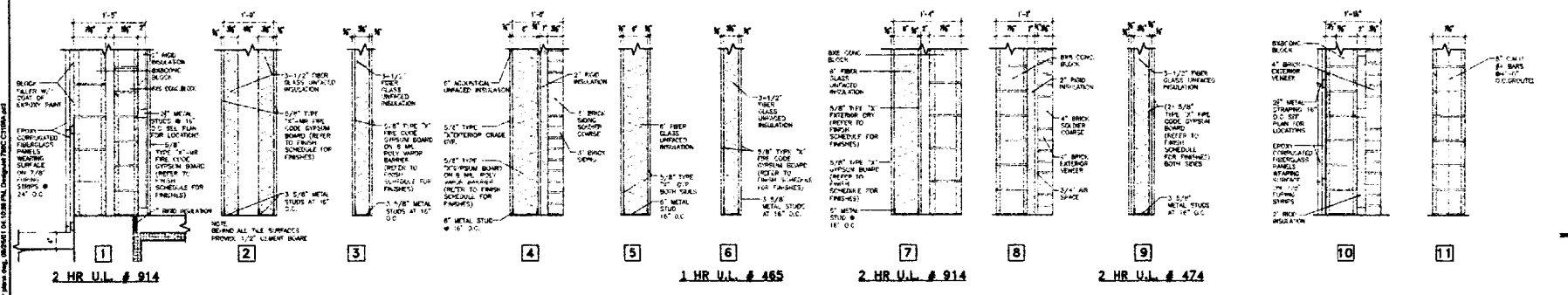
A001

11/20/11 1:15 PM C:\projects\04081\04081.dwg Plot Date: 09/17/11 1:15 PM
 G:\projects\04081\04081.dwg Plot Date: 09/17/11 1:15 PM

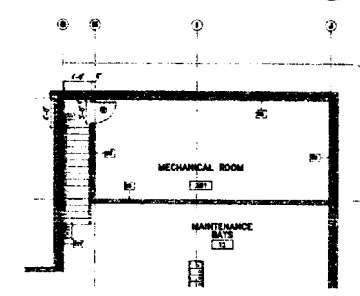


SEE NOTE 1001
 1/2" BRICKS WITH PENETRATION 1/2" x 1/2" WALLS
 1/2" BRICKS WITH PENETRATION 1/2" x 1/2" WALLS

FLOOR PLAN
 SCALE: 1/4" = 1'-0"
 3
 A100



WALL TYPES
 SCALE: 1" = 1'-0"
 2
 A100



MEZZANINE PLAN
 SCALE: 1/8" = 1'-0"
 1
 A100

GAWRON ARCHITECTS
 29 Black Point Road
 Scarborough, ME 04074
 www.gawron.com
 Tel: 207 883 6807
 Fax: 207 883 0261

AVIS
 CORPORATE FACILITIES

VEHICLE SERVICE CENTER
 PORTLAND, ME
 JETPORT BOULEVARD

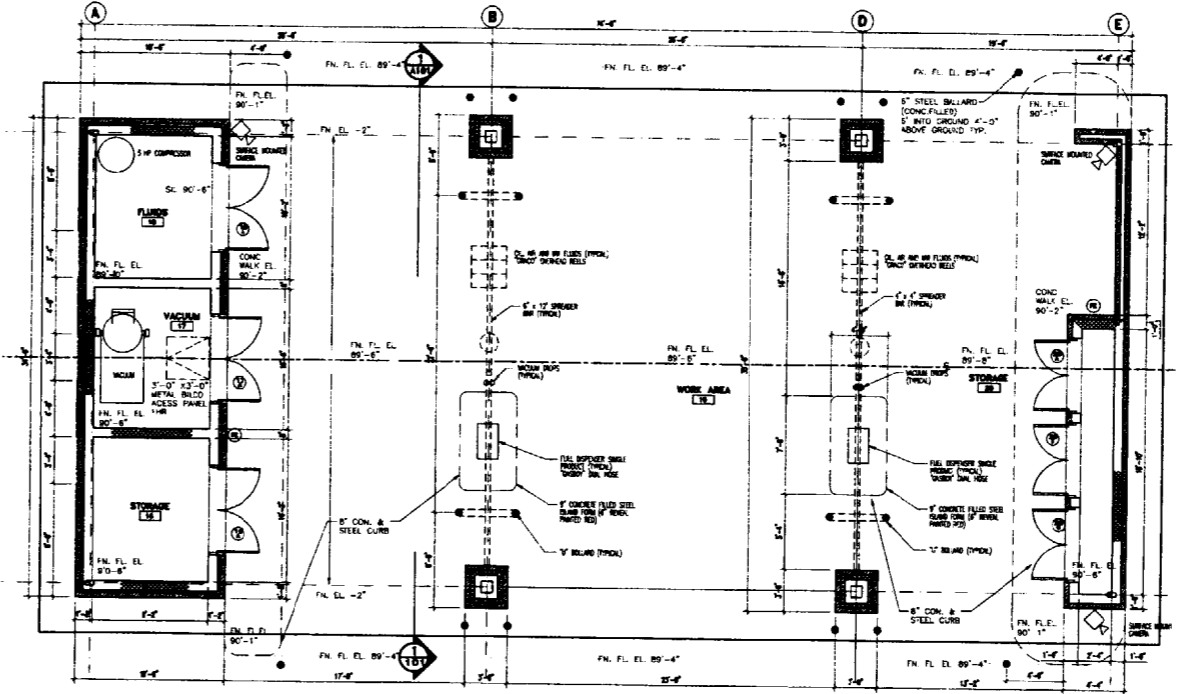
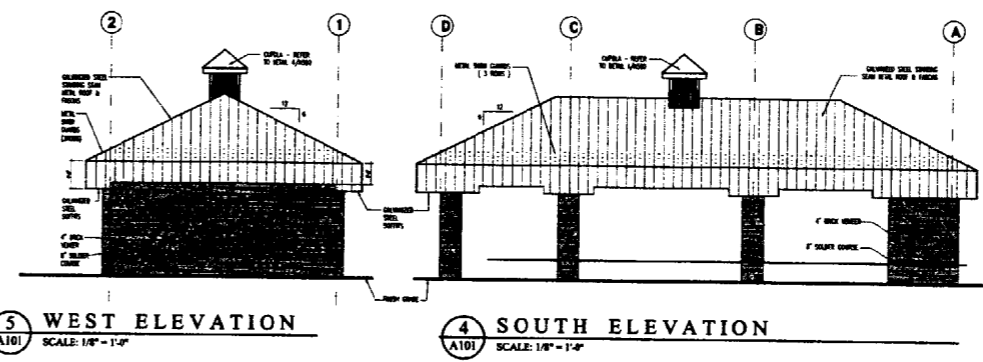
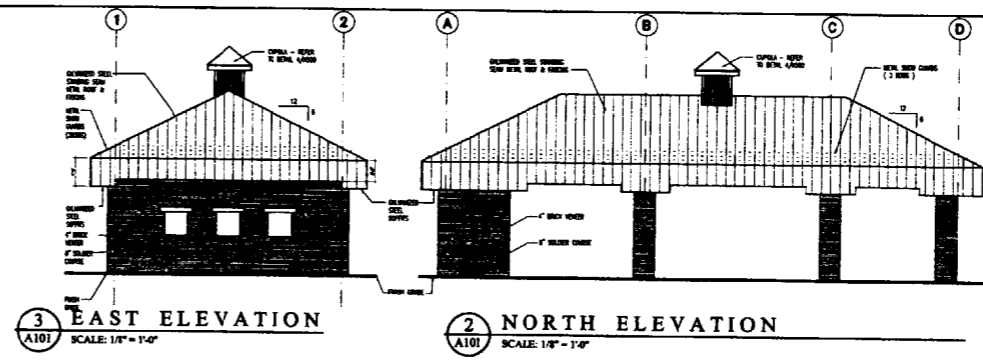
REVISIONS	
NO.	DESCRIPTION

DATE:	BY:
PROJECT:	NO:
DRAWN BY:	GAT
CHECKED BY:	MM
DRAWING SCALE:	AS NOTED

SHEET TITLE
 FLOOR & MEZZANINE PLAN
 WALL TYPES

A100

DATE PLOTTED: 1/20/06
 PLOTTER: HP DesignJet 500
 PLOT SCALE: 1/4" = 1'-0"



GAWRON ARCHITECTS
23 Black Point Road
Scarborough, ME 04074
www.gawron.com
Tel: 207.883.4307
Fax: 207.883.0261

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER
PORTLAND, ME
JETPORT BOULEVARD

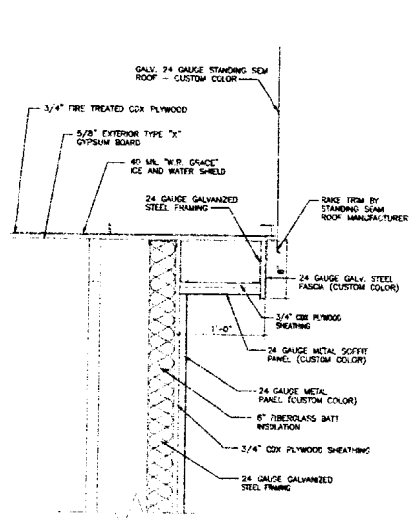
REVISIONS		
1		
2		
3		
4		

DATE:	08/17/09
PROJECT #:	04081
DRAWN BY:	GWT
CHECKED BY:	MM
DRAWING SCALE:	AS NOTED

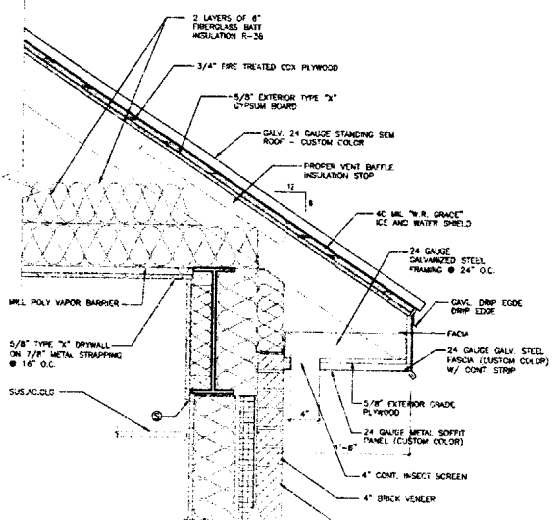
SUBSET TITLE
SERVICE ISLAND ELEVATIONS

A101

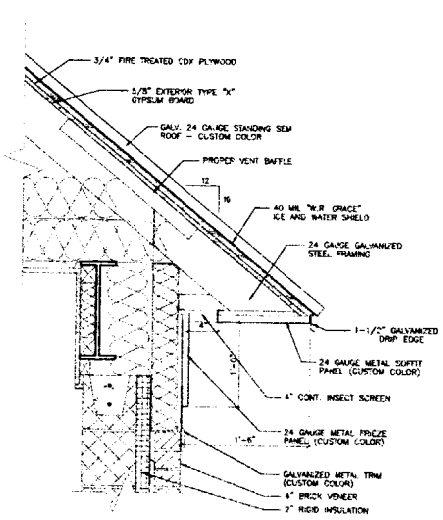
© COPYRIGHT 1983-2001
BY GAWRON ARCHITECTS
ALL RIGHTS RESERVED



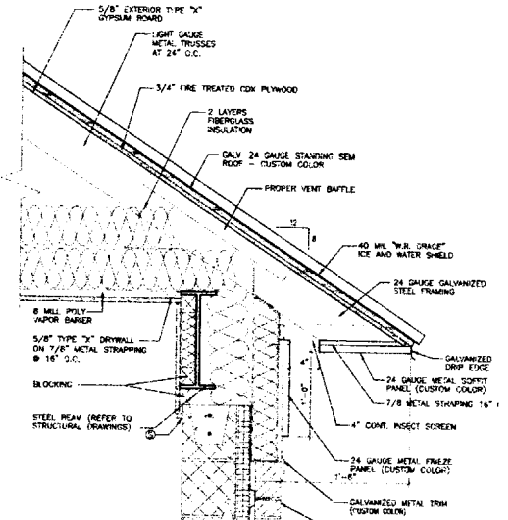
4 RAKE DETAIL
SCALE: 1/2" = 1'-0"



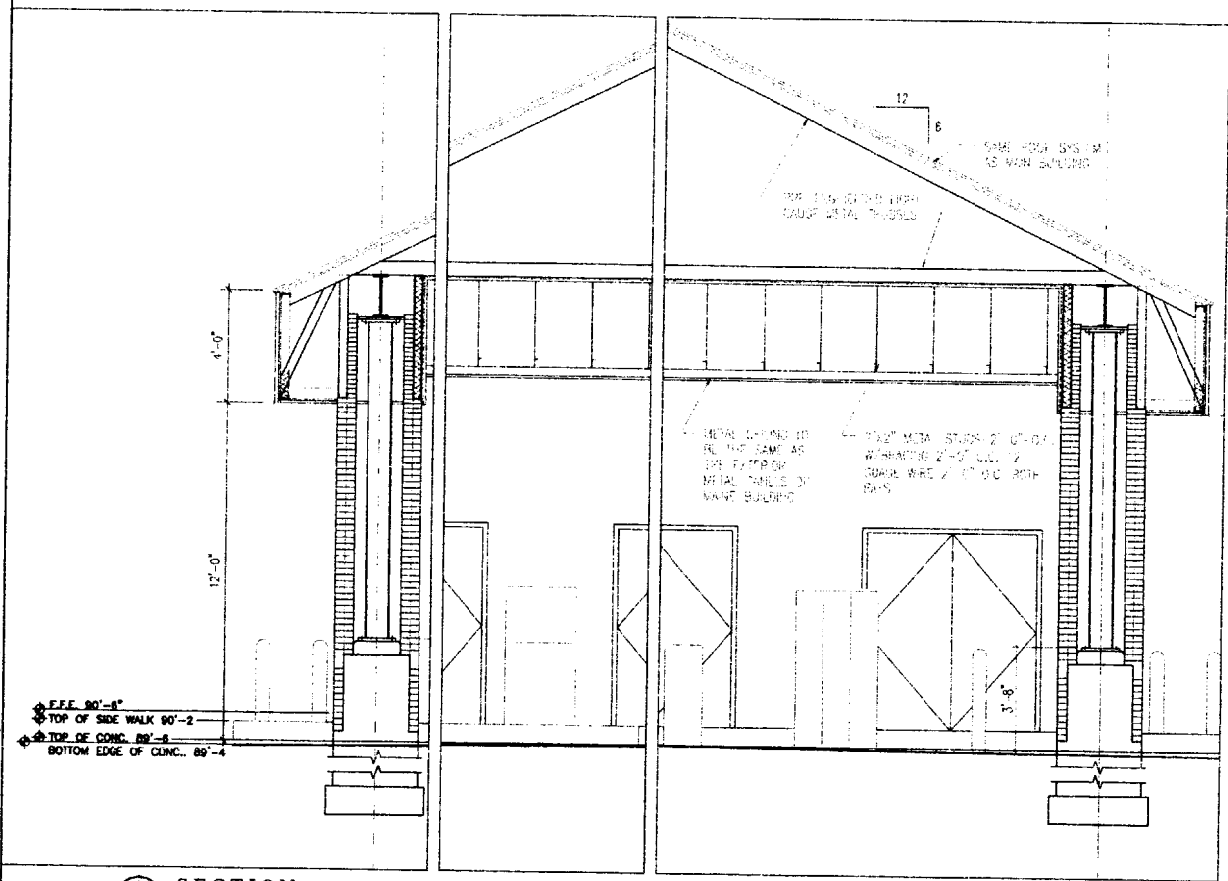
3 SOFFIT DETAIL
SCALE: 1/2" = 1'-0"



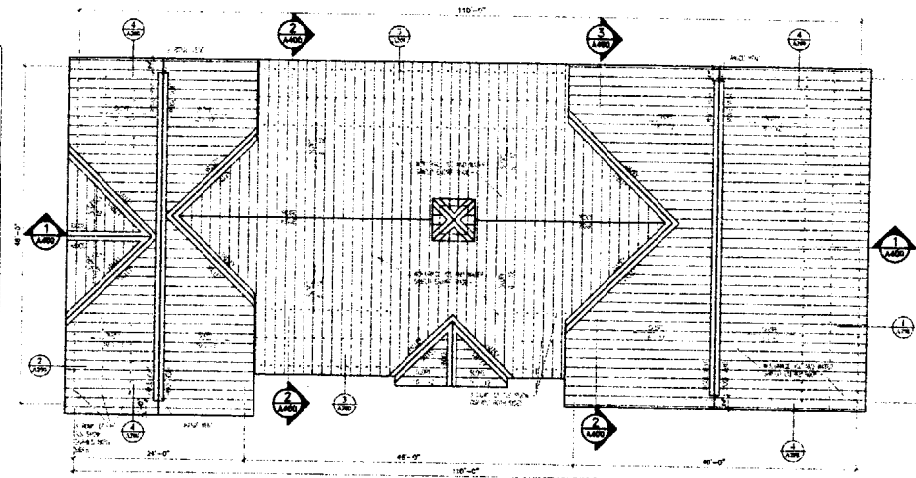
2 SOFFIT DETAIL
SCALE: 1/2" = 1'-0"



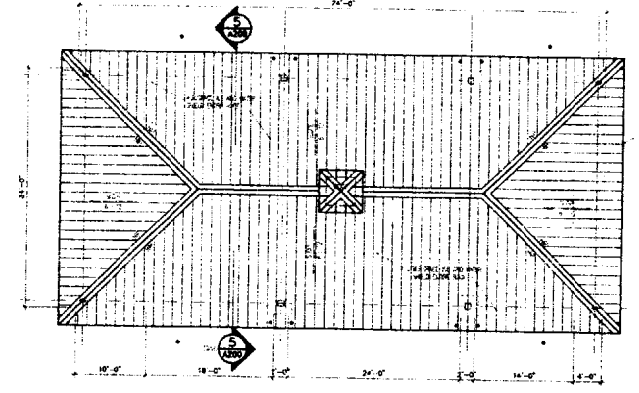
1 SOFFIT DETAIL
SCALE: 1/2" = 1'-0"



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



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



2 FUEL ISLAND ROOF PLAN
SCALE: 1/8" = 1'-0"



AVIS
CORPORATE FACILITIES

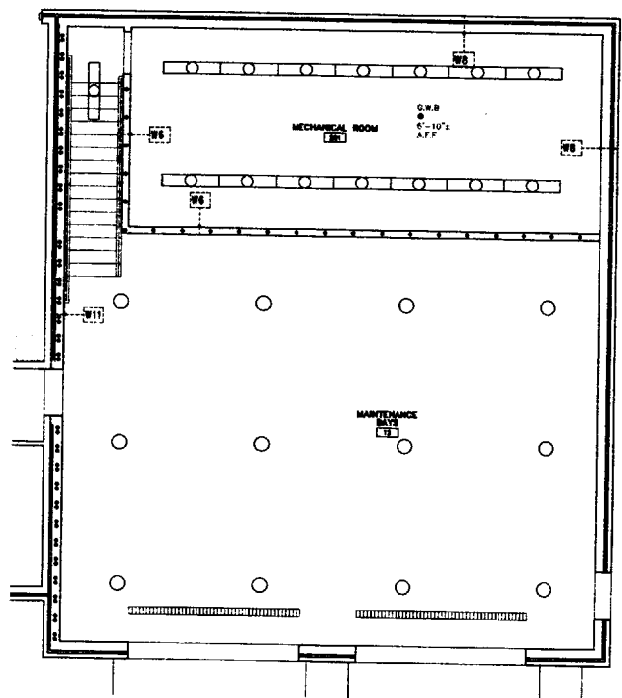
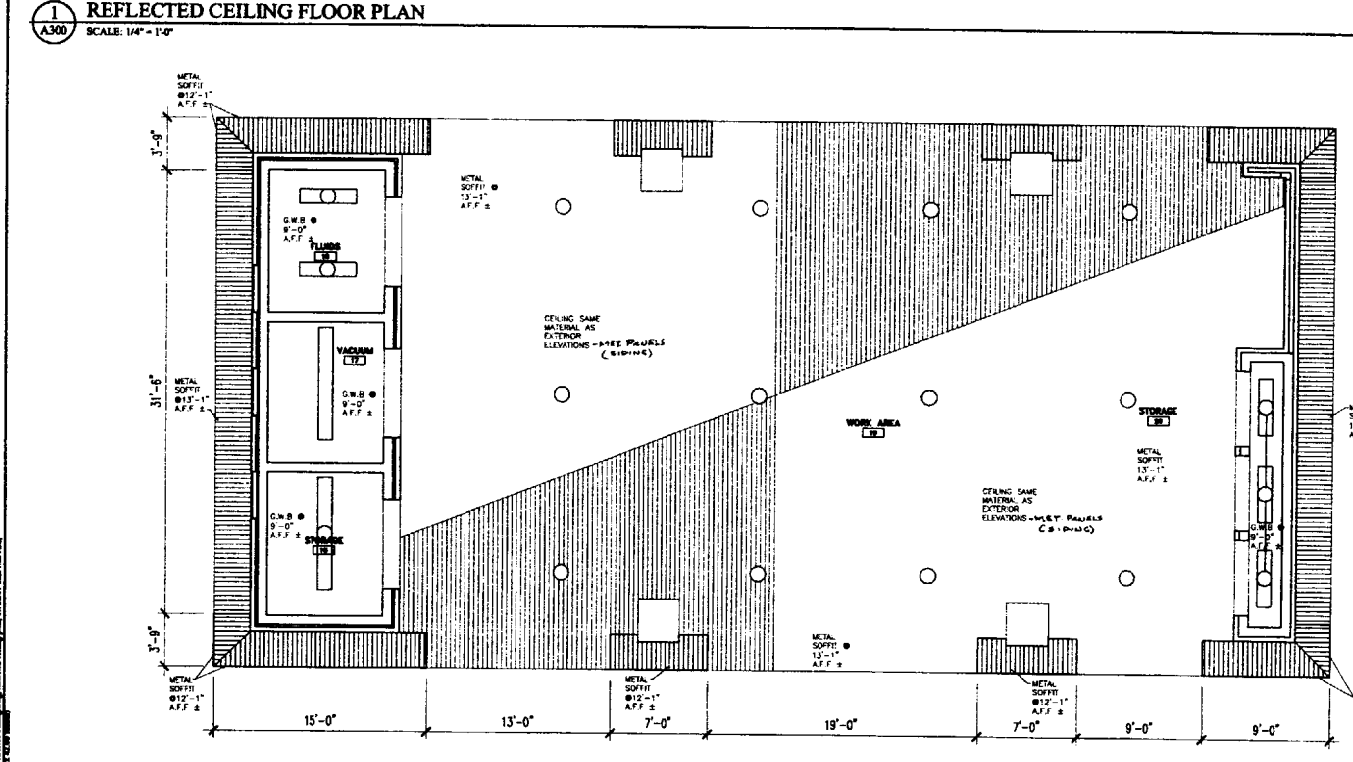
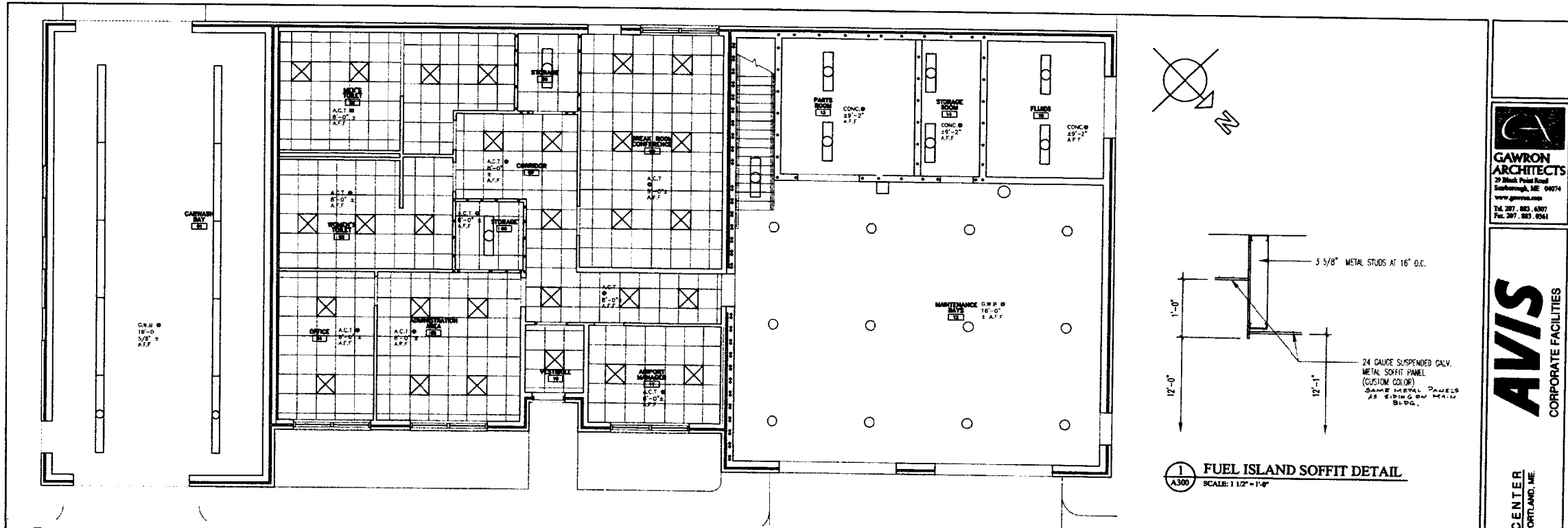
VEHICLE SERVICE CENTER
PORTLAND, ME
JETPORT BOULEVARD

REVISIONS	
NO.	DESCRIPTION

DATE:	11/18/11
PROJECT:	AVIS
DESIGNED BY:	HAZ
DRAWING NO.:	11-11-11
DRAWING SCALE:	1/8" = 1'-0"

SHEET TITLE
ROOF PLAN AND DETAILS

A200



GAWRON ARCHITECTS
23 Black Point Road
Southport, ME 04074
www.gawron.com
TEL 207.883.4307
FAX 207.883.6961

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER
PORTLAND, ME
JETPORT BOULEVARD

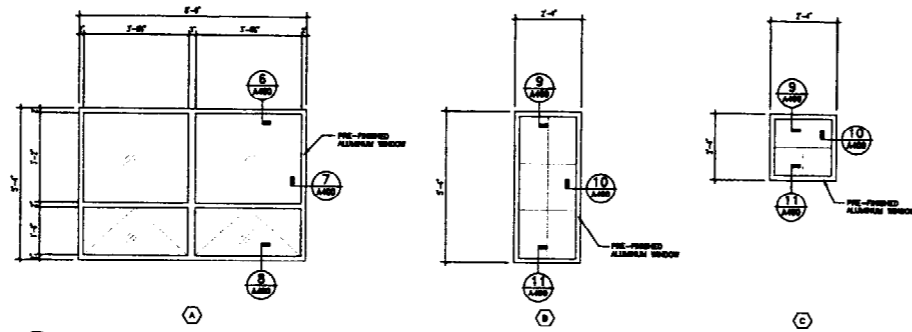
REVISIONS		
NO.	DATE	DESCRIPTION

DATE:	07/2011
PROJECT #:	04801
DRAWN BY:	GAT
CHECKED BY:	MM
DRAWING SCALE:	1/4" = 1'-0"

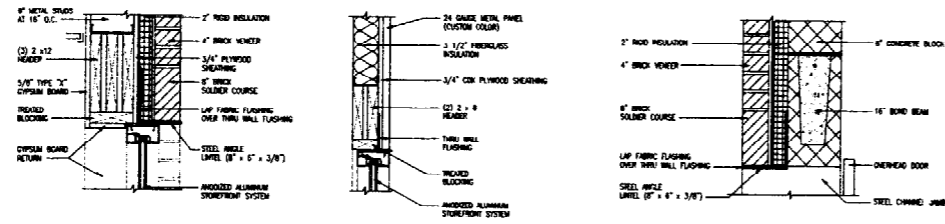
SHEET TITLE
REFLECTED CEILING FLOOR PLANS

A300

COPYRIGHT 1999-2001
GAWRON ARCHITECTS
ALL RIGHTS RESERVED



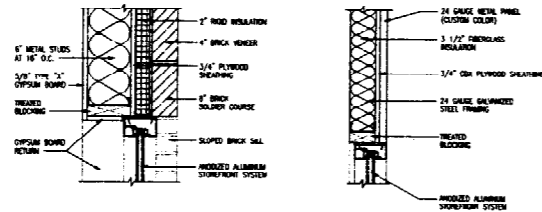
5 WINDOW TYPES
SCALE: 1/2" = 1'-0"



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

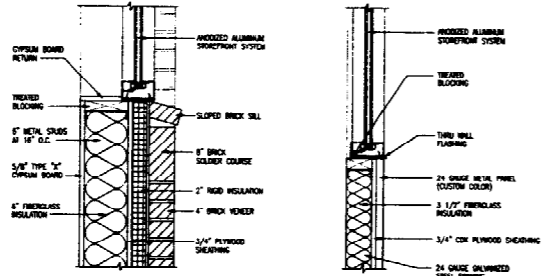
9 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

12 HEAD DETAIL
SCALE: 1 1/2" = 1'-0"



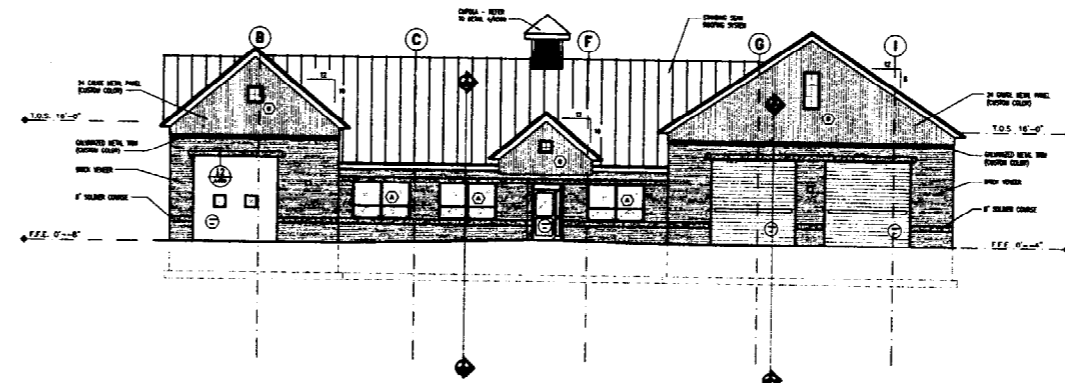
7 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

10 JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

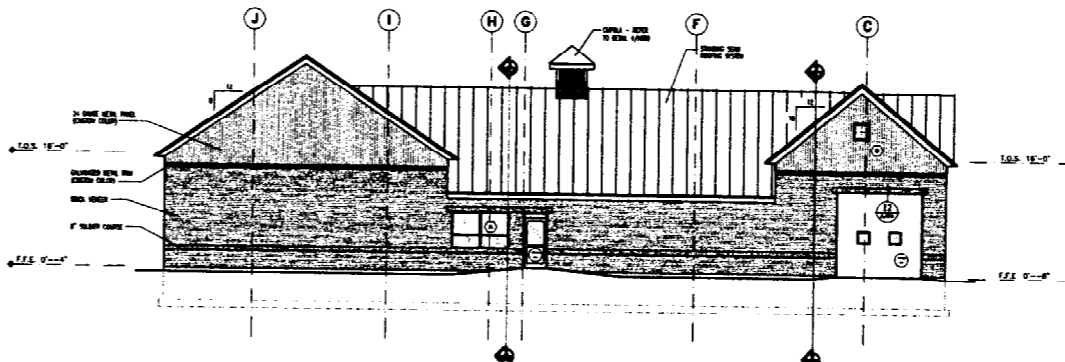


8 SILL DETAIL
SCALE: 1 1/2" = 1'-0"

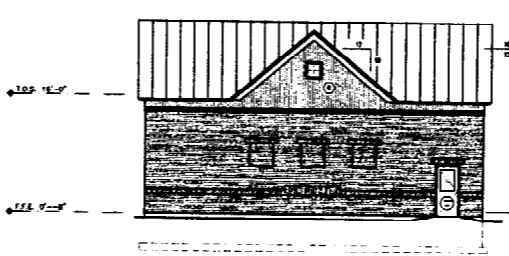
11 SILL DETAIL
SCALE: 1 1/2" = 1'-0"



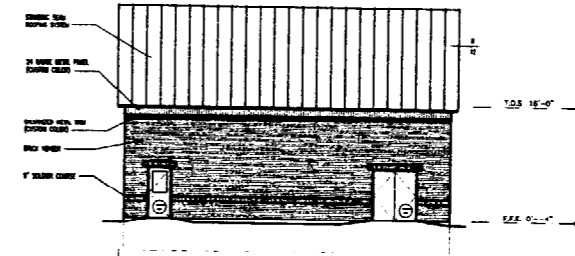
1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



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



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



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

GAWRON ARCHITECTS
20 Black Point Road
Scarborough, ME 04074
www.gawron.com
Tel: 207.883.6307
Fax: 207.883.6361

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER
JETPORT BOULEVARD
PORTLAND, ME

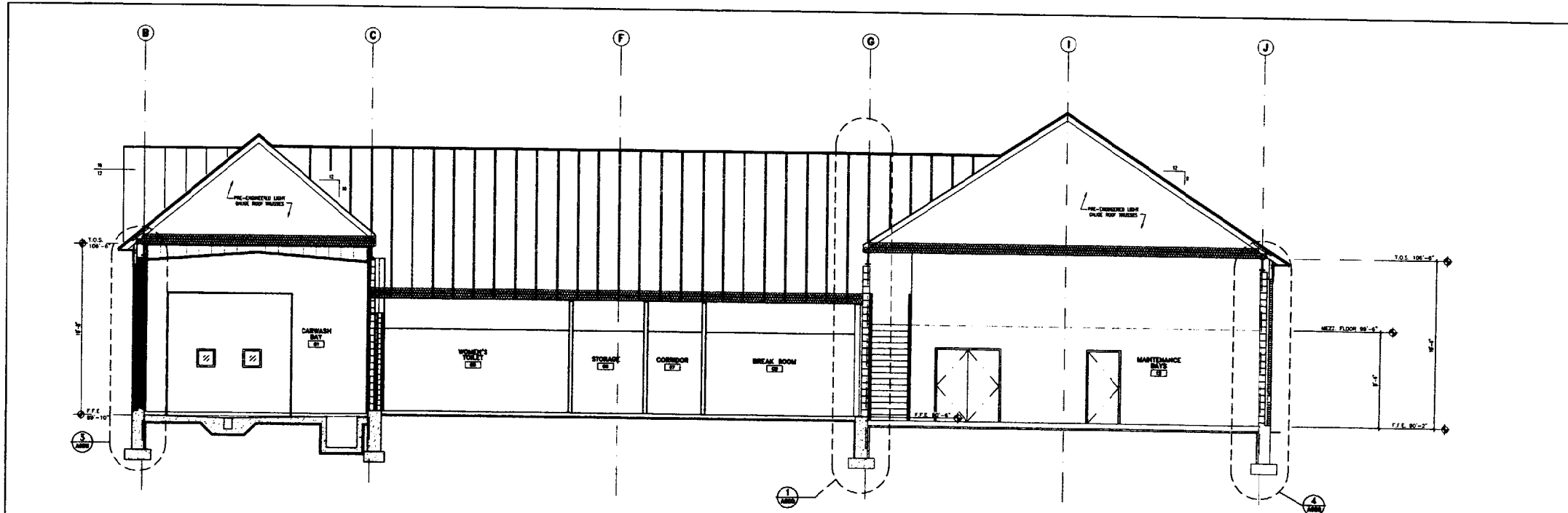
REVISIONS	
NO.	DESCRIPTION

DATE:	08/19/05
PROJECT #:	00000
DRAWN BY:	CAF
CHECKED BY:	MM
DRAWING SCALE:	AS NOTED

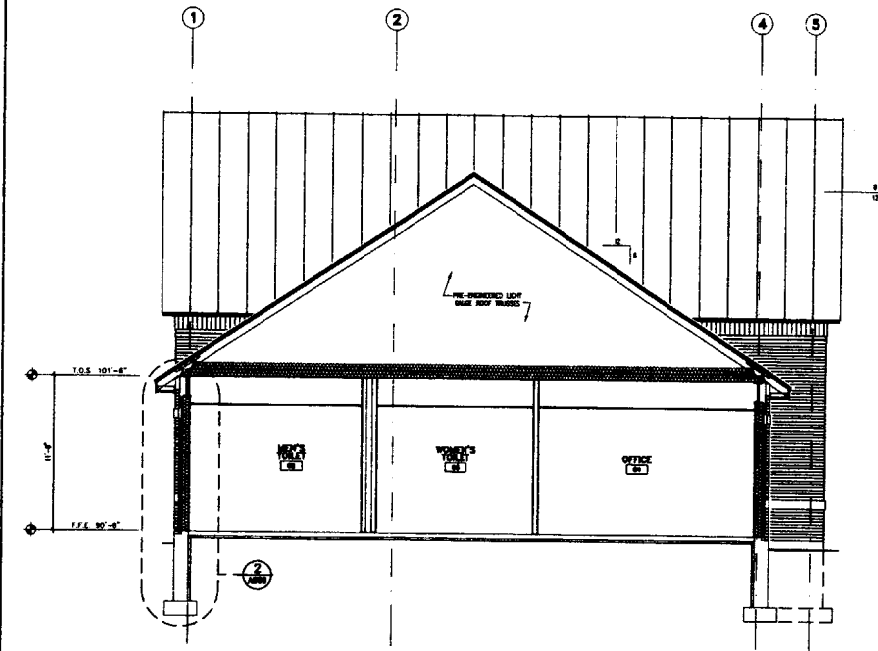
SHEET TITLE
OFFICE & MAINTENANCE
BUILDING ELEVATIONS

A400

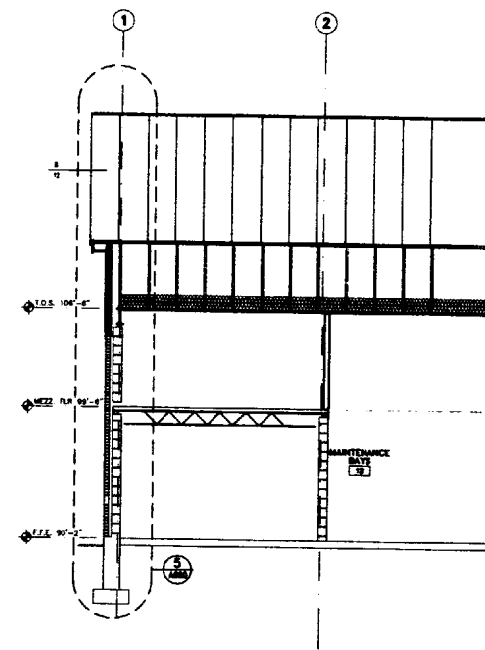
© COPYRIGHT 1988-2001
GAWRON ARCHITECTS



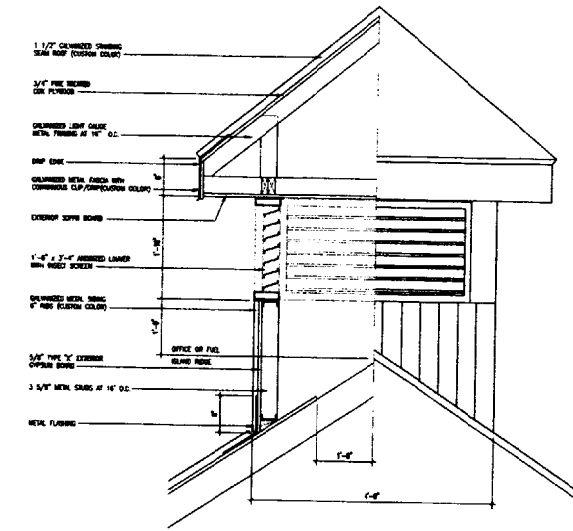
1 LONGITUDINAL SECTION THRU MAIN BUILDING
SCALE: 1/4" = 1'-0"



2 SECTION THRU OFFICE AREA
SCALE: 1/4" = 1'-0"



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



4 SECTION THRU CUPOLA
SCALE: 1" = 1'-0"

GAWRON ARCHITECTS
29 Black Point Road
Southport, ME 04974
www.gawron.com
Tel. 207.883.6387
Fax. 207.883.0561

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER
PORTLAND, ME
JETPORT BOULEVARD

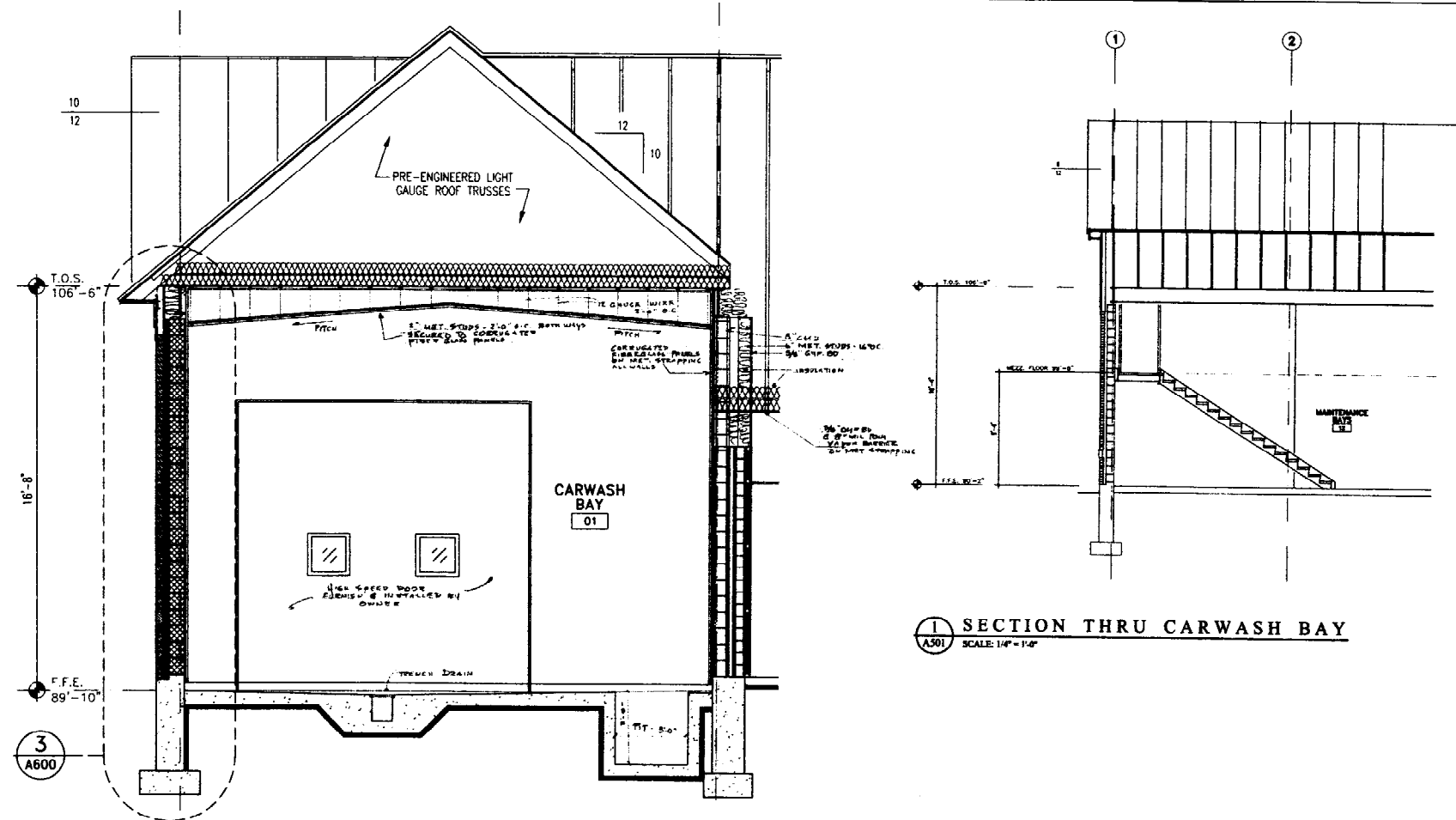
REVISIONS	
NO.	DESCRIPTION

DATE:	BY:
PROJECT #:	PKR:
DRAWN BY:	GAT
CHECKED BY:	JM
DRAWING SCALE:	1/4" = 1'-0"

SHEET TITLE
BUILDING SECTIONS

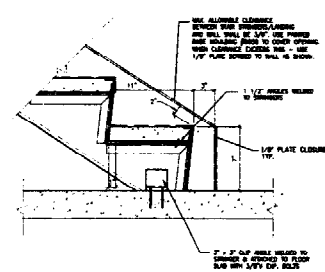
A500

CONSTRUCTION: 1. ALL INTERIORS SHALL BE FINISHED TO MATCH THE EXISTING BUILDING. 2. ALL EXTERIOR WALLS SHALL BE FINISHED TO MATCH THE EXISTING BUILDING. 3. ALL ROOFS SHALL BE FINISHED TO MATCH THE EXISTING BUILDING. 4. ALL STRUCTURAL ELEMENTS SHALL BE FINISHED TO MATCH THE EXISTING BUILDING. 5. ALL MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE FINISHED TO MATCH THE EXISTING BUILDING. 6. ALL FINISHES SHALL BE AS SHOWN ON THE DRAWINGS. 7. ALL MATERIALS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. 8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE BUILDING CODES AND STANDARDS. 9. ALL DIMENSIONS SHALL BE AS SHOWN ON THE DRAWINGS UNLESS OTHERWISE NOTED. 10. ALL WORK SHALL BE COMPLETED BY THE DATE SHOWN ON THE DRAWINGS.

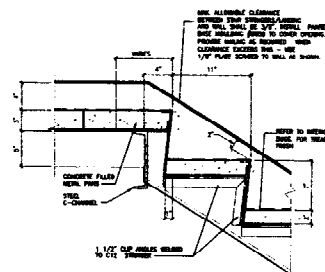


SECTION THRU CARWASH BAY
SCALE: 1/4" = 1'-0"

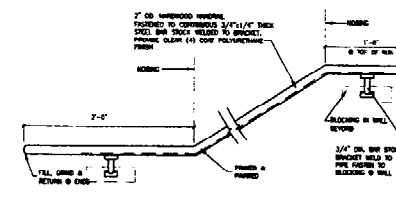
SECTION THRU CARWASH BAY
SCALE: 1/2" = 1'-0"



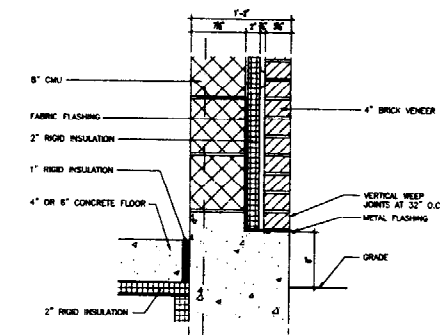
STRINGER ANCHORING DETAIL
SCALE: 1 1/2" = 1'-0"



STAIR LANDING DETAIL
SCALE: 1 1/2" = 1'-0"



TYPICAL WALL HANDRAIL DETAIL
SCALE: 1 1/2" = 1'-0"



TYPICAL WALL FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"

GAWRON ARCHITECTS
29 Stock Point Road
Scarborough, ME 04074
www.gawron.com
TEL 207.883.4307
FAX 207.883.0961

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER
JETPORT BOULEVARD
PORTLAND, ME

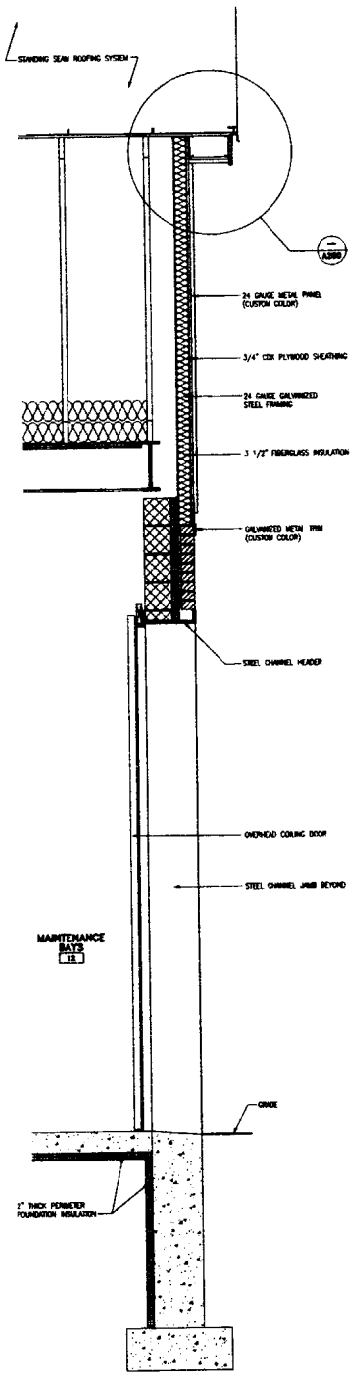
REVISIONS	
NO.	DESCRIPTION

DATE:	BY:
PROJECT #:	NO:
DRAWN BY:	SA:
CHECKED BY:	SM:
ISSUING SCALE:	AS NOTED

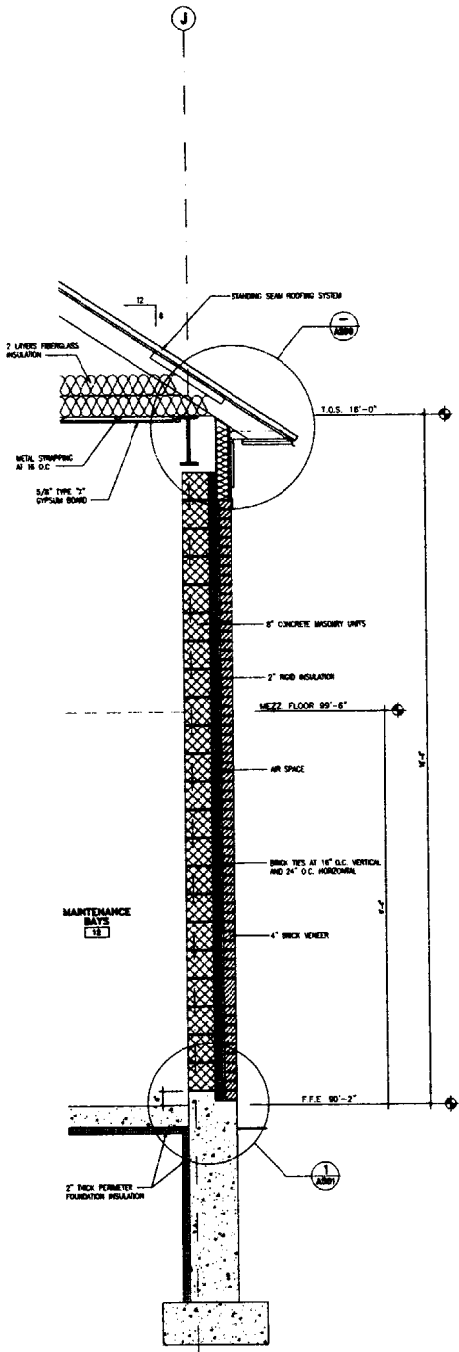
SHEET TITLE:

BUILDING SECTIONS

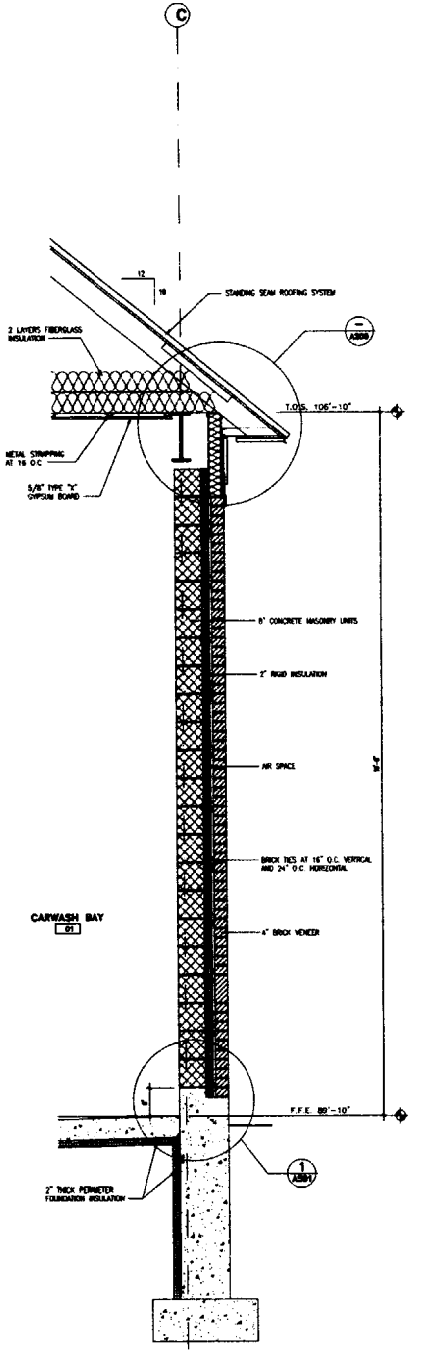
A501



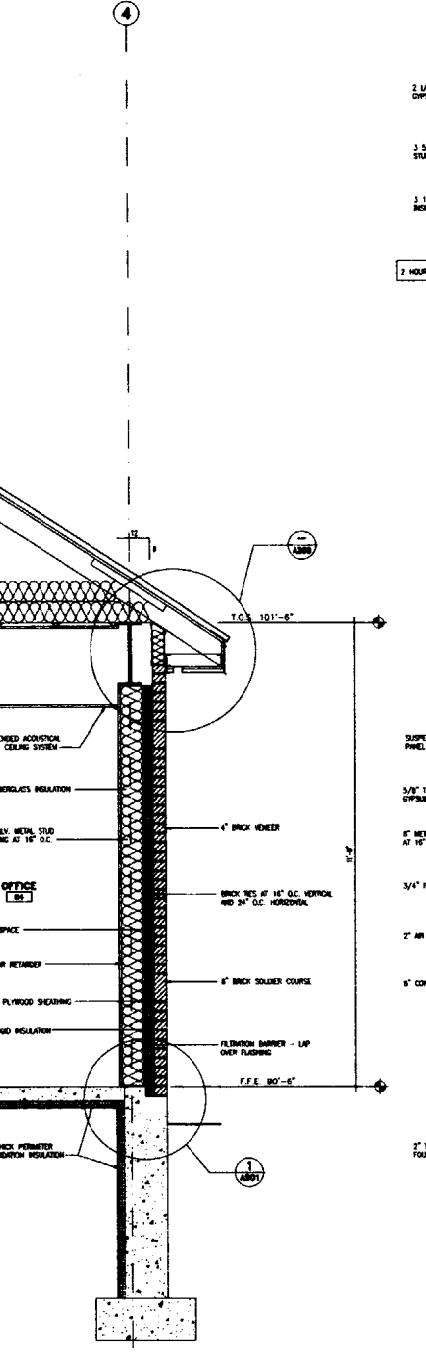
5 WALL SECTION
A600 SCALE: 3/4" = 1'-0"



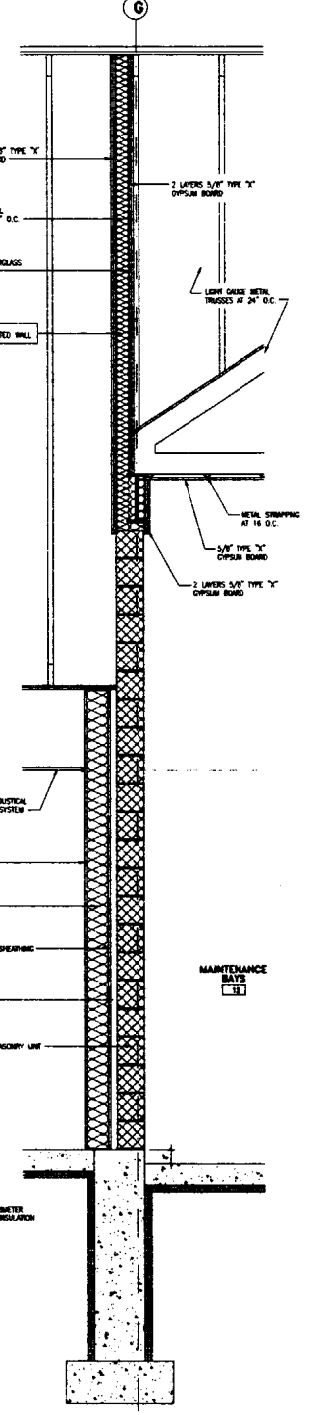
4 WALL SECTION
A600 SCALE: 3/4" = 1'-0"



3 WALL SECTION
A600 SCALE: 3/4" = 1'-0"



2 WALL SECTION
A600 SCALE: 3/4" = 1'-0"



1 WALL SECTION
A600 SCALE: 3/4" = 1'-0"

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHALL BE IN FEET AND INCHES. DIMENSIONS IN PARENTHESES ARE FOR INFORMATION ONLY.

GAWRON ARCHITECTS
 29 Black Point Road
 Scarborough, ME 04874
 www.gawron.com
 TEL: 207.883.6307
 FAX: 207.883.1961

AVIS
 CORPORATE FACILITIES

VEHICLE SERVICE CENTER
 PORTLAND, ME
 JETPORT BOULEVARD

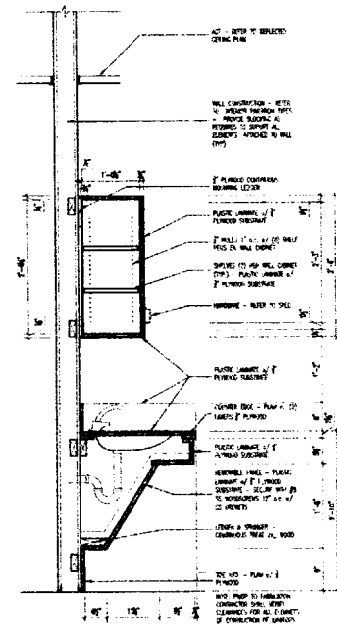
REVISIONS	
NO.	DESCRIPTION

DATE:	06/17/08
PROJECT #:	04001
DRAWN BY:	CAF
CHECKED BY:	MM
DRAWING SCALE:	AS NOTED

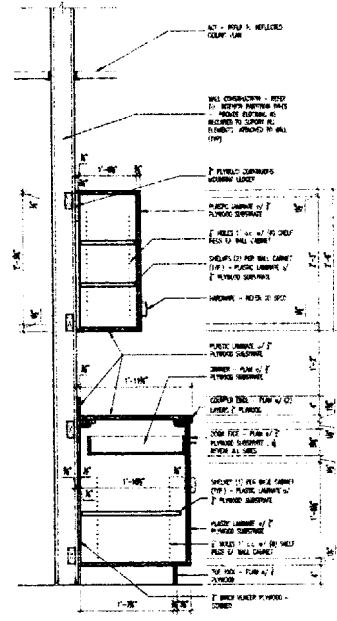
SHEET TITLE
 WALL SECTIONS

A600

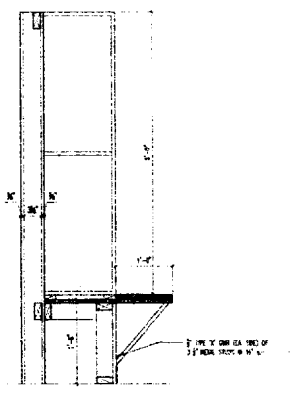
© COPYRIGHT 1988-2001
 GAWRON ARCHITECTS



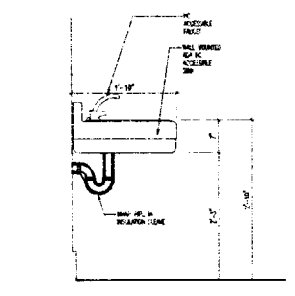
4 CABINET SECTION
SCALE: 1" = 1'-0"



5 CABINET SECTION
SCALE: 1" = 1'-0"



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



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

KEY TO FINISHES

PAINTS:
 1. 100% VINYL CHROMATE BEAM
 2. 100% VINYL CHROMATE BEAM
 3. 100% VINYL CHROMATE BEAM
 4. 100% VINYL CHROMATE BEAM

CARPET:
 1. 100% VINYL CHROMATE BEAM

VINYL COMPOSITION TILE:
 1. 100% VINYL CHROMATE BEAM

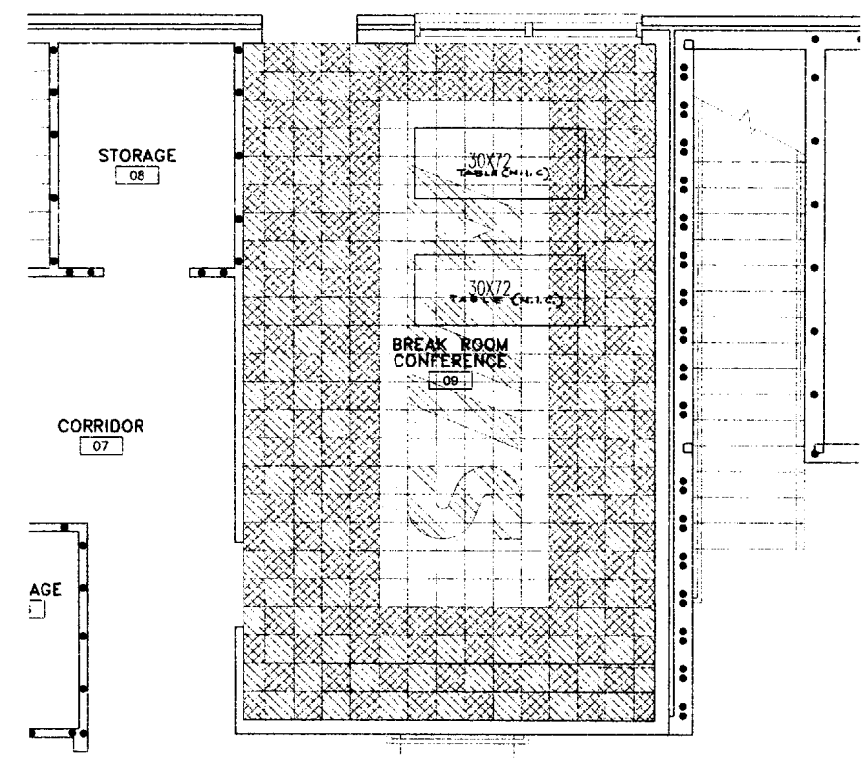
PLASTIC LAMINATE:
 1. 100% VINYL CHROMATE BEAM

VINYL BASE:
 1. 100% VINYL CHROMATE BEAM

TILE:
 1. 100% VINYL CHROMATE BEAM

FINISH SCHEDULE

NO.	NAME	WALLS				FLOOR			CLCA	TYPE	HT	REMARKS
		N	E	S	W	MATL	BASE	FIN				
01	CORRIDOR	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
02	STORAGE	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
03	BREAK ROOM	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
04	KITCHEN	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
05	RESTROOM	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
06	OFFICE	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
07	CORRIDOR	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
08	STORAGE	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
09	BREAK ROOM	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
10	KITCHEN	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
11	RESTROOM	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
12	OFFICE	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
13	CORRIDOR	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
14	STORAGE	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
15	BREAK ROOM	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
16	KITCHEN	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
17	RESTROOM	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
18	OFFICE	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
19	CORRIDOR	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
20	STORAGE	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
21	BREAK ROOM	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM
22	KITCHEN	1	1	1	1	CONC	1	1	1	1	1	WALLS - 100% VINYL CHROMATE BEAM



1 KITCHEN FLOOR TILE PLAN
SCALE: 1/2" = 1'-0"

GAWRON ARCHITECTS
 29 Black Point Road
 Scarborough, ME 04074
 www.gawron.com
 Tel: 207.883.6307
 Fax: 207.883.6304

AVIS
 CORPORATE FACILITIES

VEHICLE SERVICE CENTER
 PORTLAND, ME
 JETPORT BOULEVARD

REVISIONS

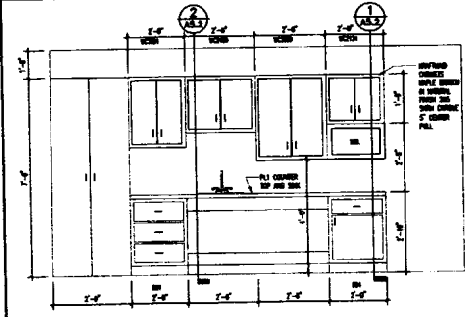
NO.	DATE	DESCRIPTION

DATE: 08/11/07
 PROJECT: 06000
 DRAWN BY: GAT
 CHECKED BY: HMA
 DRAWING SCALE: AS NOTED

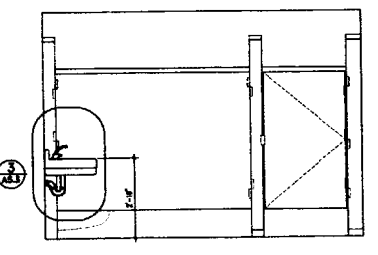
SHEET TITLE
 FINISH SCHEDULE & INTERIOR DETAILS

A800

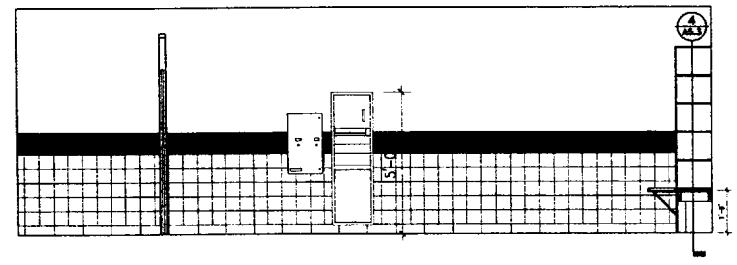
08/11/07 10:51 AM C:\pwworking\gawron.com\projects\06000\06000.dwg (Sheet) User: gawron



2 INTERIOR ELEVATION
A801 SCALE: 1/2" = 1'-0"

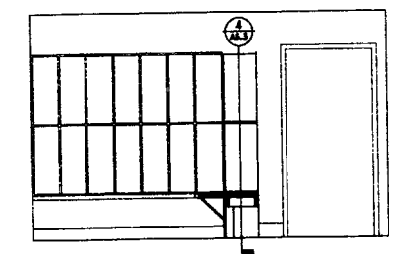


3 INTERIOR ELEVATION
A801 MEN'S TOILET 03 SCALE: 1/2" = 1'-0"

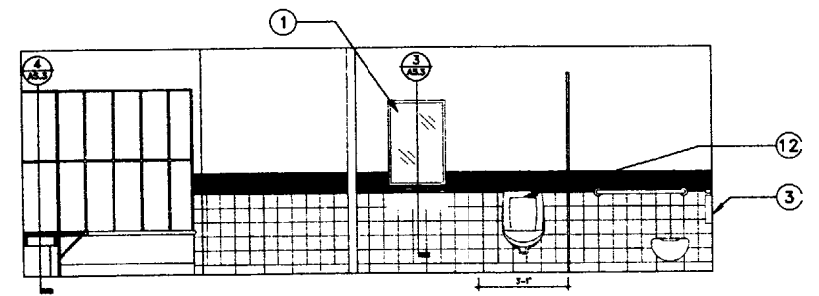


4 INTERIOR ELEVATION
A801 MEN'S TOILET 03 SCALE: 1/2" = 1'-0"

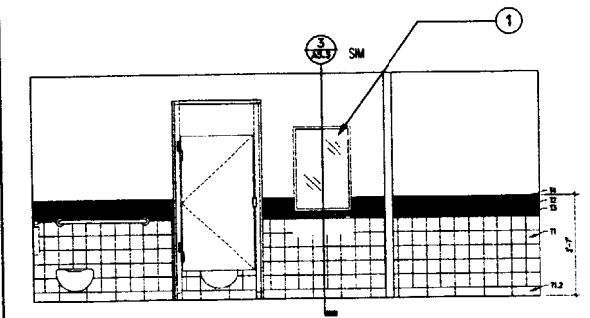
- REST ROOM LEGEND**
- 1. 1/2" x 1/2" x 1/2" TRIM
 - 2. 1/2" x 1/2" x 1/2" TRIM
 - 3. 1/2" x 1/2" x 1/2" TRIM
 - 4. 1/2" x 1/2" x 1/2" TRIM
 - 5. 1/2" x 1/2" x 1/2" TRIM
 - 6. 1/2" x 1/2" x 1/2" TRIM
 - 7. 1/2" x 1/2" x 1/2" TRIM
 - 8. 1/2" x 1/2" x 1/2" TRIM
 - 9. 1/2" x 1/2" x 1/2" TRIM
 - 10. 1/2" x 1/2" x 1/2" TRIM
 - 11. 1/2" x 1/2" x 1/2" TRIM
 - 12. 1/2" x 1/2" x 1/2" TRIM
 - 13. 1/2" x 1/2" x 1/2" TRIM
 - 14. 1/2" x 1/2" x 1/2" TRIM
 - 15. 1/2" x 1/2" x 1/2" TRIM
 - 16. 1/2" x 1/2" x 1/2" TRIM



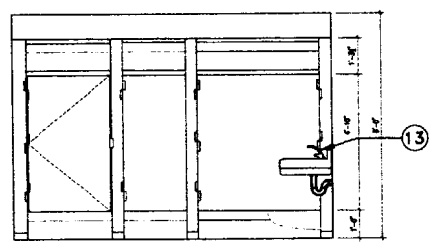
5 INTERIOR ELEVATION
A801 MEN'S TOILET 03 SCALE: 1/2" = 1'-0"



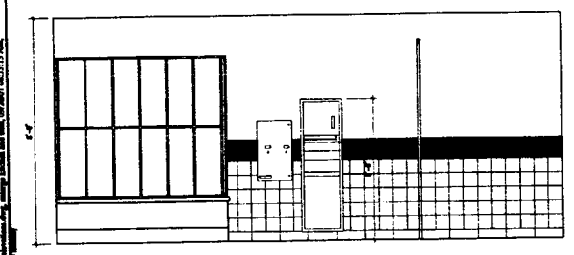
6 INTERIOR ELEVATION
A801 MEN'S TOILET 03 SCALE: 1/2" = 1'-0"



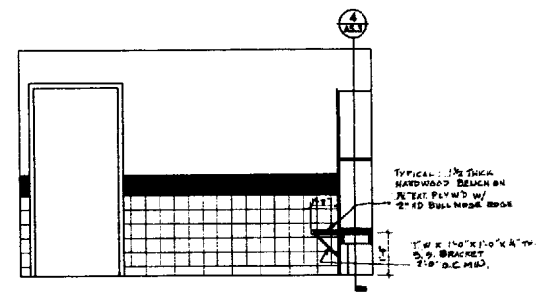
7 INTERIOR ELEVATION
A801 WOMEN'S TOILET 03 SCALE: 1/2" = 1'-0"



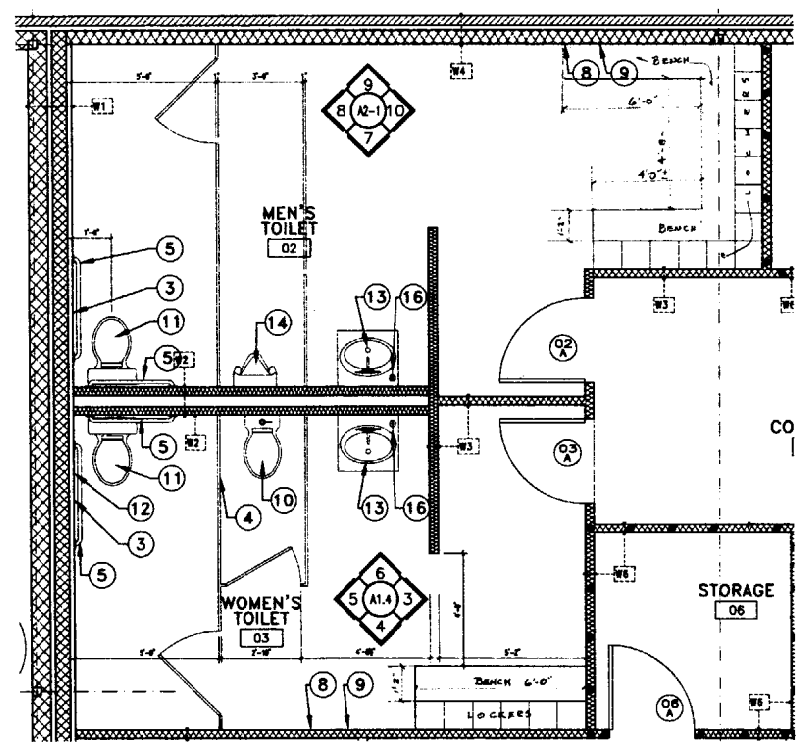
8 INTERIOR ELEVATION
A801 WOMEN'S TOILET 03 SCALE: 1/2" = 1'-0"



9 INTERIOR ELEVATION
A801 WOMEN'S TOILET 03 SCALE: 1/2" = 1'-0"



10 INTERIOR ELEVATION
A801 WOMEN'S TOILET 03 SCALE: 1/2" = 1'-0"



1 ENLARGED FLOOR PLAN - WOMANS #39, MENS #2
A801 SCALE: 1/2" = 1'-0"



AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER
PORTLAND, ME
JETPORT BOULEVARD

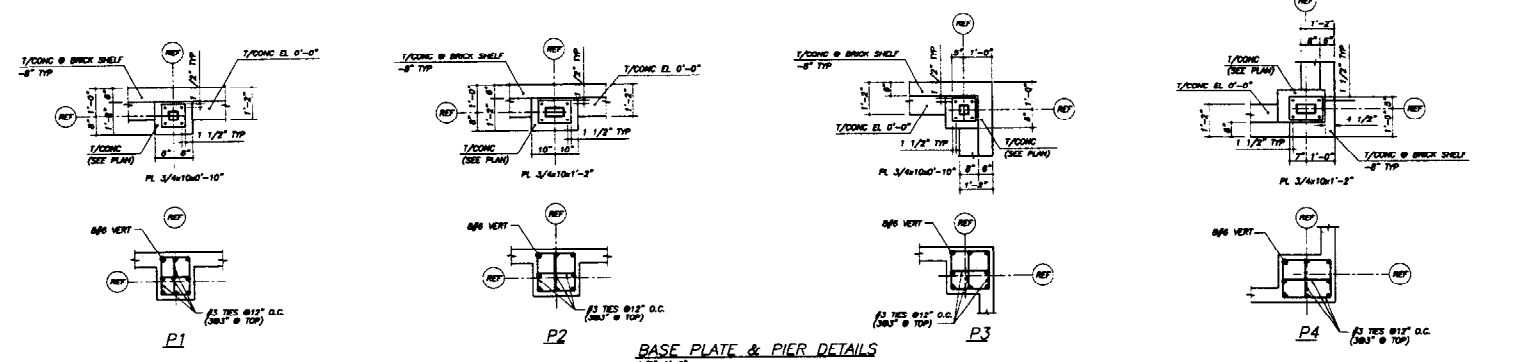
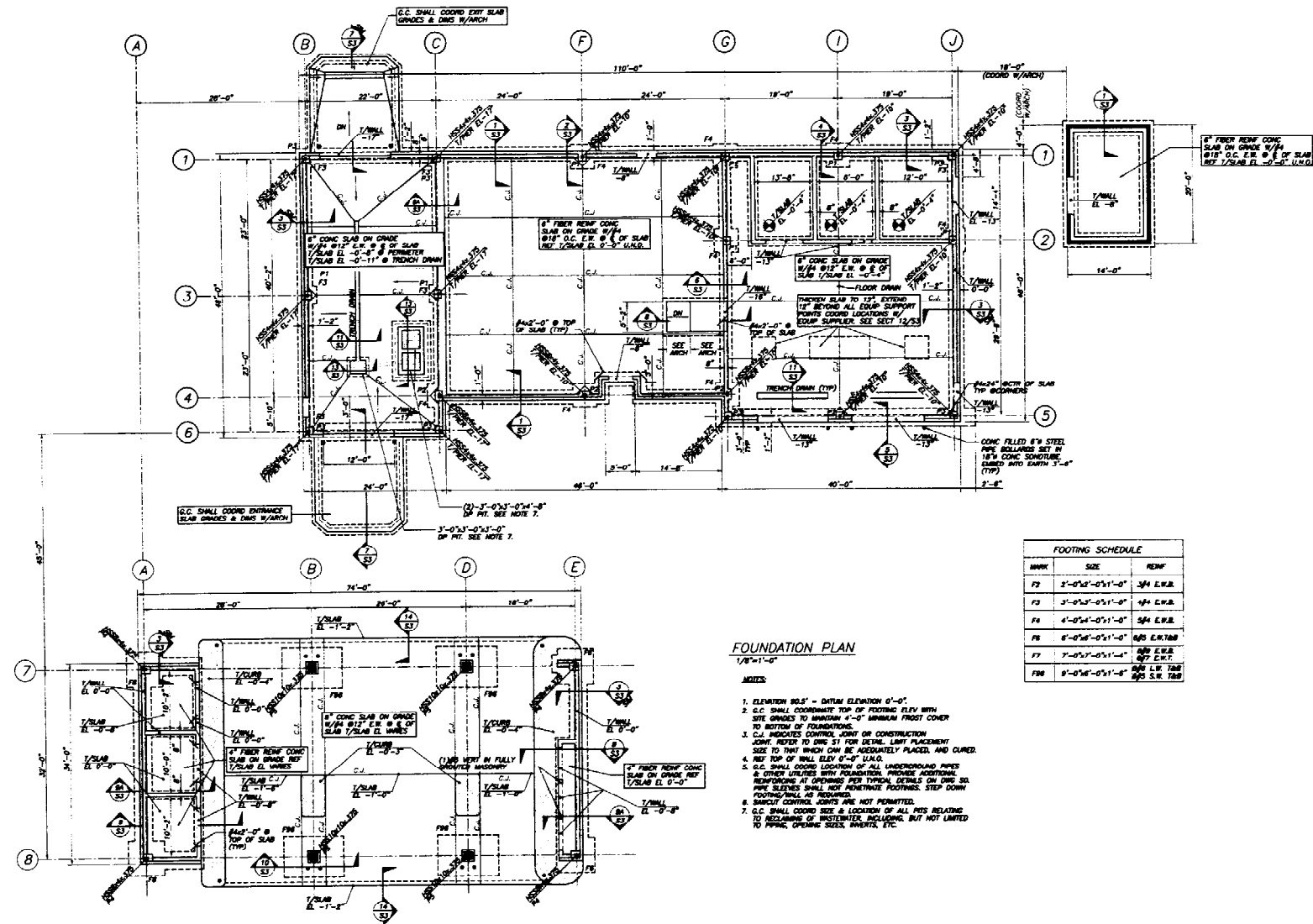
REVISIONS	
NO.	DESCRIPTION

DATE:	BY:
PROJECT #:	DATE:
DRAWN BY:	DATE:
CHECKED BY:	DATE:
DRAWING SCALE:	AS NOTED

SHEET TITLE
ENLARGED TOILET ROOM
PLANS AND ELEVATIONS

A801

DRAWING MADE BY: GAWRON ARCHITECTS, 29 BLACK POINT ROAD, SCARBOROUGH, ME 04074



ISSUED FOR CONSTRUCTION
SEPT 17, 2001

GAWRON ARCHITECTS
29 Black Point Road
Scarborough, ME 04074
www.gawron.com
Tel: 207.883.6307
Fax: 207.883.6361

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

BECKER
STRUCTURAL ENGINEERING, INC.

REVISIONS

NO.	DATE	DESCRIPTION

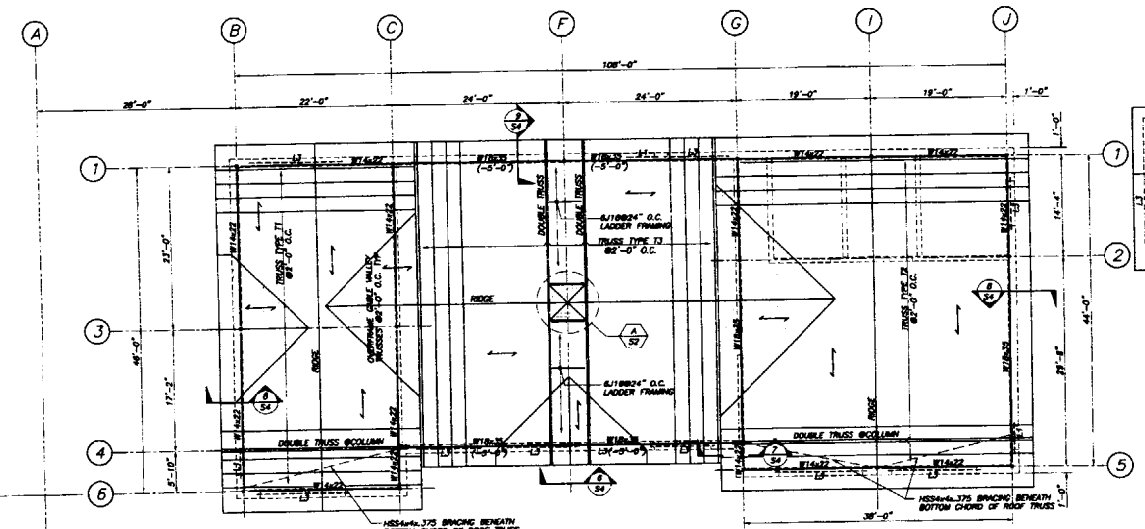
DATE: 09/17/01
PROJECT #: 1648
DRAWN BY: TBM
CHECKED BY: FDB
DRAWING SCALE: AS NOTED



SHEET TITLE
FOUNDATION PLAN

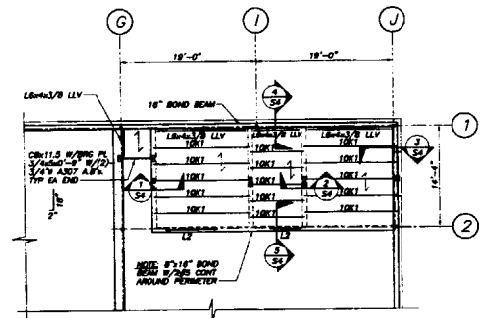
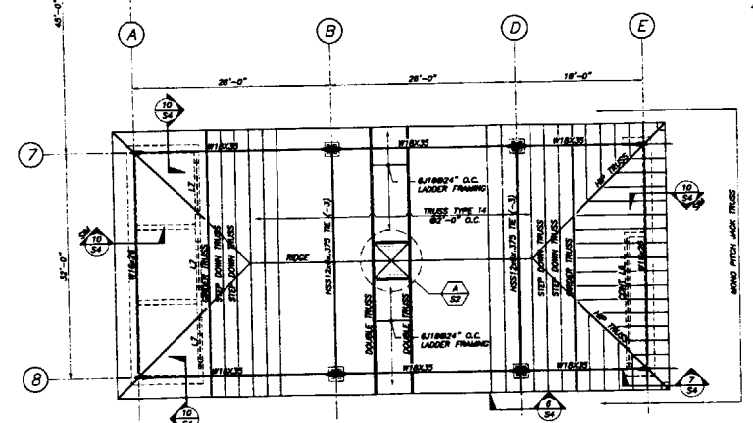
S1

© COPYRIGHT 1988-2001
ALL RIGHTS RESERVED
THIS SHEET IS UNLESS OTHERWISE NOTED



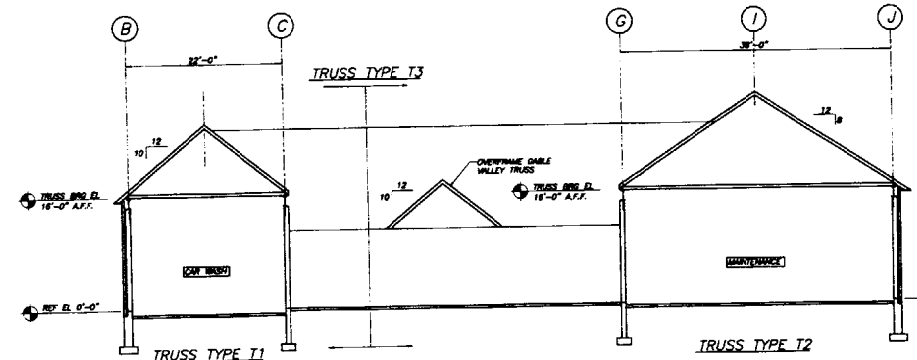
ROOF FRAMING PLAN
1/8"=1'-0"

- NOTE:**
1. TOP OF STEEL = 18'-0" U.L.C. BY (-2'-0") (+2) ETC.
 2. ROOF SHEATHING TO BE CONTINUOUS UNDER OVERHANGING TRUSSES.
 3. --- INDICATES DIRECTION OF 3/4" THICK APA AVED, TONGUE & GROOVE GYM PLYWOOD ROOF SHEATHING.



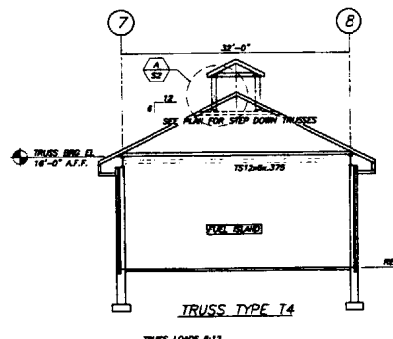
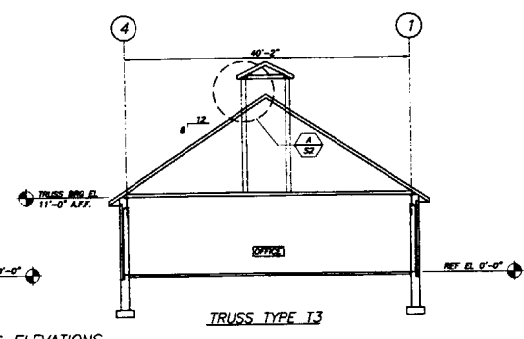
MEZZANINE FRAMING PLAN
1/8"=1'-0"

- NOTE:**
1. MEZZANINE FLOOR CONSTRUCTION CONSISTS OF 2 1/2" COMPOSITE SLAB ON 1-2x12 COMPOSITE DECK W/18" W/18" R.I.F. TOTAL SLAB THICKNESS=4".
 2. --- INDICATES DIRECTION OF DECK BOND.
 3. TOP OF STEEL ELEV = 8'-8" U.L.C. BY (-2 1/2") (+2) ETC.
 4. TOP OF SLAB ELEV = 9'-0".



TRUSS ELEVATIONS
1/8"=1'-0"

- NOTE:**
1. DESIGN TRUSSES FOR LIVE LOADS IN ACCORDANCE WITH 1989 BOCA NATIONAL BUILDING CODE IN ACCORDANCE TO SPECIFIED LIVE LOADS, PROVIDE DESIGN AND COMPONENTS FOR A COMPLETE FRAMING SYSTEM.



TRUSS TYPE T1
TRUSS LOADS: R-12
T.C. DL = 10 PSF
T.C. SL = 80 PSF
T.C. UNIM. SL = 85 PSF
S.C. DL = 14 PSF

TRUSS TYPE T2
TRUSS LOADS: R-12
T.C. DL = 10 PSF
T.C. SL = 80 PSF
T.C. UNIM. SL = 85 PSF
S.C. DL = 24 PSF

TRUSS TYPE T3
TRUSS LOADS: R-12
T.C. DL = 10 PSF
T.C. SL = 80 PSF
T.C. UNIM. SL = 85 PSF
S.C. DL = 14 PSF

TRUSS TYPE T4
TRUSS LOADS: R-12
T.C. DL = 10 PSF
T.C. SL = 80 PSF
T.C. UNIM. SL = 85 PSF
S.C. DL = 14 PSF

ISSUED FOR CONSTRUCTION
SEPT 17, 2001

GAWRON ARCHITECTS
29 Black Point Road
Salem, MA 01974
www.gawron.com
Tel: 207.883.6307
Fax: 207.883.6361

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

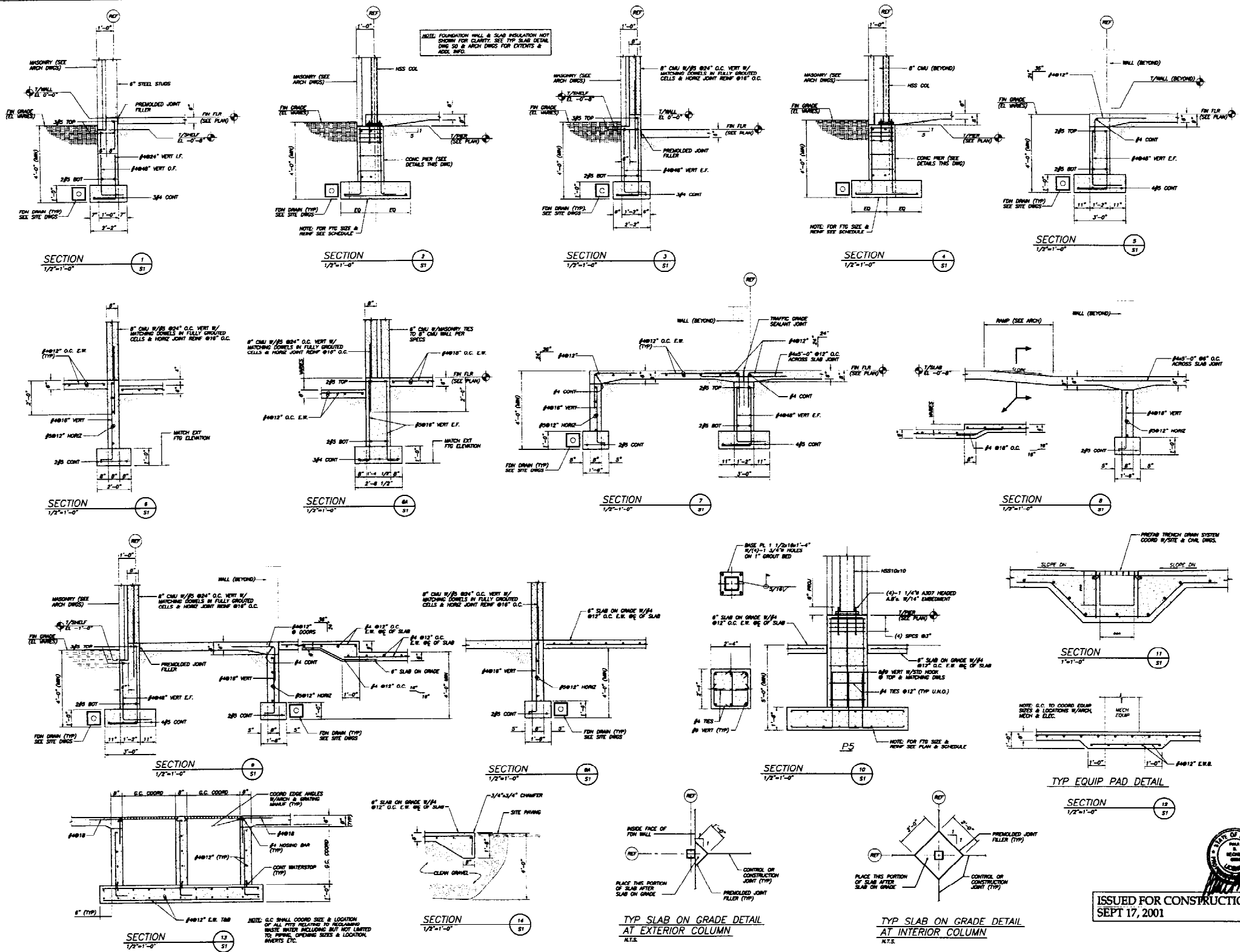
BECKER
STRUCTURAL ENGINEERING, INC.
1000 Main Street
Salem, MA 01970

REVISIONS	
1	ISSUED FOR CONSTRUCTION

DATE:	09/17/01
PROJECT:	TRUSS
DRAWN BY:	TRM
CHECKED BY:	PHB
DRAWING SCALE:	AS NOTED
SHEET TITLE	
ROOF FRAMING PLAN	

S2

© COPYRIGHT 1989-2001
BECKER ENGINEERING, INC.
ALL RIGHTS RESERVED



NOTE: FOUNDATION WALL & SLAB INSULATION NOT SHOWN FOR CLARITY. SEE TOP SLAB DETAIL DWS 50 & ARCH DWGS FOR EXTENTS & ADD. INFO.

NOTE: FOR FIT SIZE & REIN. SEE SCHEDULE.

NOTE: FOR FIT SIZE & REIN. SEE SCHEDULE.

NOTE: FOR FIT SIZE & REIN. SEE PLAN & SCHEDULE.

NOTE: G.C. SHALL COORD. SIZE & LOCATION OF ALL FITS, INCLUDING OF RECLAIMING WASTE WATER INCLUDING BUT NOT LIMITED TO PIPING, OPENING SIZES & LOCATION, INVERTS ETC.

TYP SLAB ON GRADE DETAIL AT EXTERIOR COLUMN
N.T.S.

TYP SLAB ON GRADE DETAIL AT INTERIOR COLUMN
N.T.S.

ISSUED FOR CONSTRUCTION
SEPT 17, 2001

GAWRON ARCHITECTS
27 North Pine Road
Scarborough, ME 04074
Tel. 207.883.6307
Fax. 207.883.6561

AVIS
CORPORATE FACILITIES
VEHICLE SERVICE CENTER

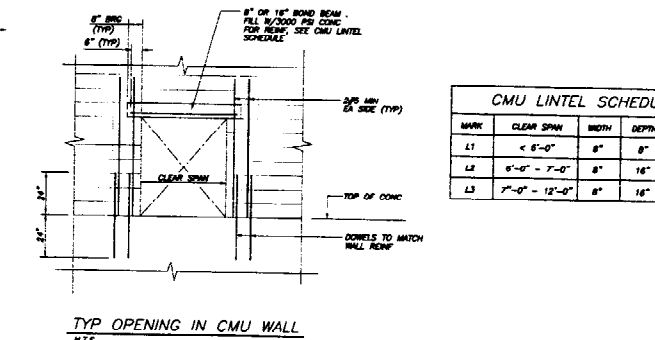
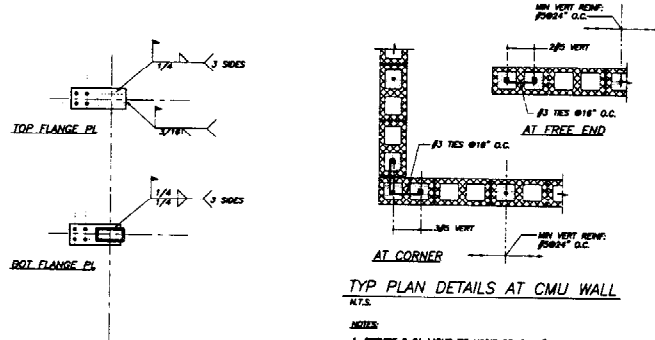
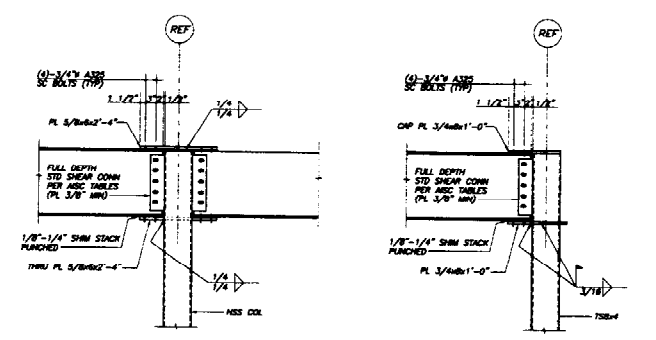
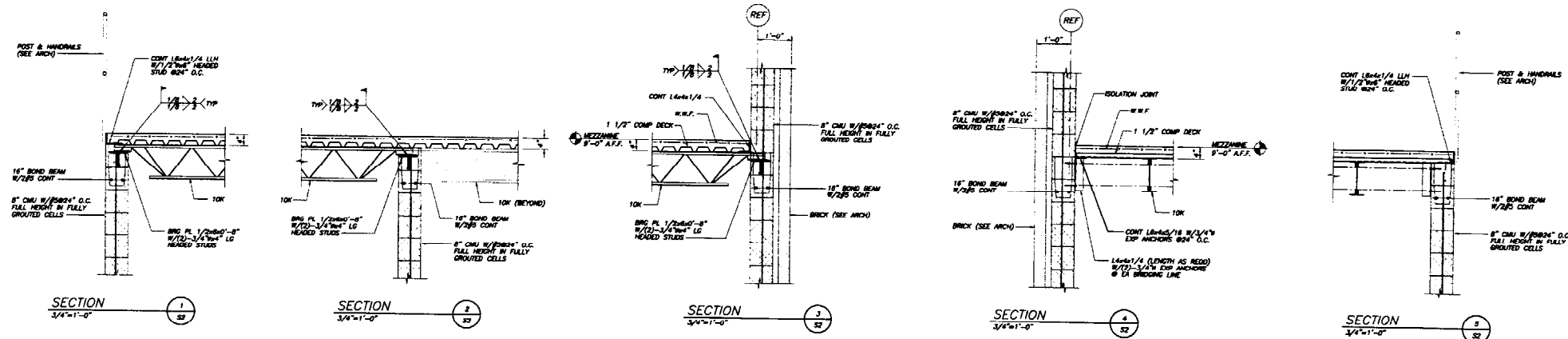
BECKER
MECHANICAL ENGINEERS, INC.
1000 Main Street
Scarborough, ME 04074
Tel. 207.883.6307
Fax. 207.883.6561

REVISIONS	
NO.	DESCRIPTION

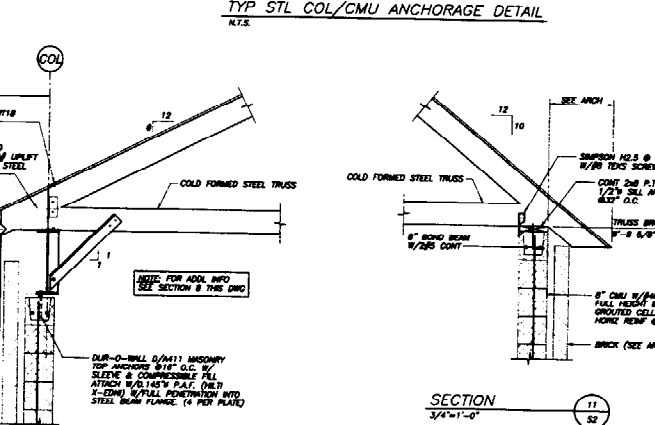
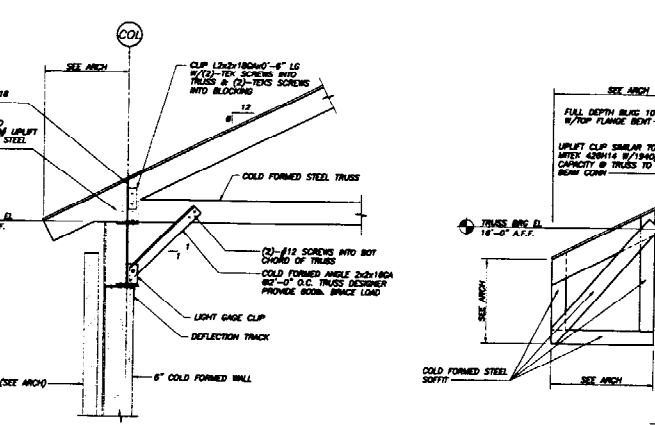
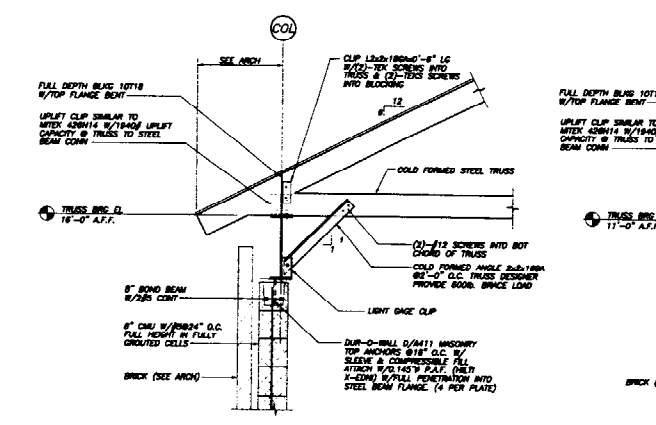
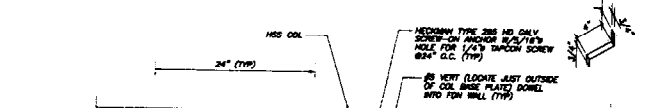
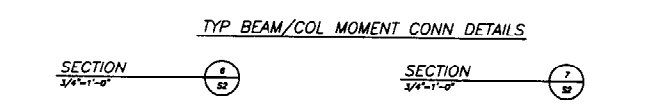
DATE:	09/17/01
PROJECT #:	70600
DRAWN BY:	TJM
CHECKED BY:	MM
DRAWING SCALE:	AS NOTED
SHEET TITLE:	CONCRETE SECTIONS

S3

© COPYRIGHT 1988-2001
GAWRON ARCHITECTS, INC.
ALL RIGHTS RESERVED



CMU LINTEL SCHEDULE				
MARK	CLEAR SPAN	WIDTH	DEPTH	REMF
L1	< 6'-0"	8"	8"	3/8" CONT
L2	6'-0" - 7'-0"	8"	16"	3/8" CONT
L3	7'-0" - 12'-0"	8"	16"	3/8" CONT



ISSUED FOR CONSTRUCTION
SEPT 17, 2001

GA
GAWRON ARCHITECTS
29 Black Point Road
Scarborough, ME 04074
www.gawron.com
Tel: 207.883.8377
Fax: 207.883.0361

AVIS
CORPORATE FACILITIES
VEHICLE SERVICE CENTER

BECKER
ARCHITECTURAL ENGINEERING, INC.
1500 Main Street
Portland, ME 04101
Tel: 207.633.1111
Fax: 207.633.1112

REVISIONS	
NO.	DESCRIPTION

DATE	BY/ISS

SHEET TITLE
FRAMING SECTIONS
S4

© COPYRIGHT 1983-2001
BY BECKER ARCHITECTURAL ENGINEERING, INC.

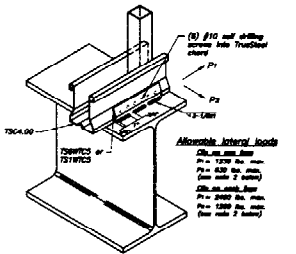
TS6WTC5 or TS1WTC5 - Welded Truss Clip

TS6WTC5

Total Uplift Capacity (lbs.)	
Wind Speed	Clip on one side / Clip on each side
40WTC (75 mph)	750 / 1500
45WTC (85 mph)	750 / 1500
50WTC (95 mph)	750 / 1500

TS1WTC5

Total Uplift Capacity (lbs.)	
Wind Speed	Clip on one side / Clip on each side
30WTC (55 mph)	750 / 1500
35WTC (65 mph)	750 / 1500
40WTC (75 mph)	750 / 1500

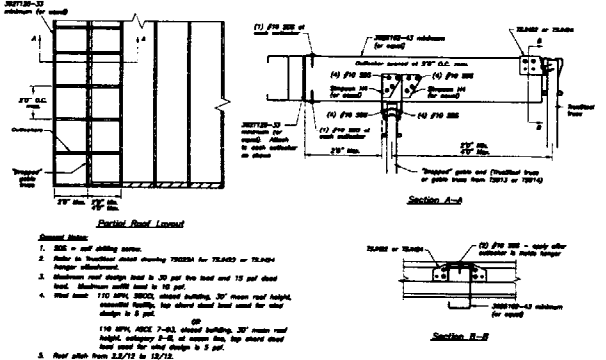


General Notes:

- Attachment of welded clip on opposite face of chord is standard in steel to steel.
- Lateral allowable loads (P1 and P2) shown are maximum values if chord built up in combination with up lift load, contact an engineer from Alpha Engineering Products, Inc.
- Wind values based on the use of an ERXX diaphragm.
- Refer to Technical Bulletin TB 1025 "Wind Transfer of Diaphragm Surface" for various connection details of the connection after welding.

The lift capacities shown above have been increased by 1.5X and shall be used only for uplift resulting from wind or seismic loads. For uplift due to other loads, use 75% of tabulated values.
 Uplift capacities outlined above are to be compared with uplift values determined by TrusTech analysis.
 TS6WTC5 is 1/4" (1 - 0.2500 in.)
 TS1WTC5 is 1/4" (1 - 0.1875 in.)

OUTLOOKER Attachment to TrusSteel Trusses



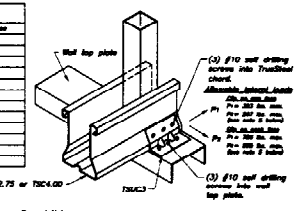
General Notes:

- Use a self-drilling screw.
- Refer to Technical Bulletin TB2004 for TRUSS-17 TRUSS-43 Attachment.
- Attachment weld design load is 20 psf per the chord and 15 psf per chord. Maximum uplift load is 10 psf.
- Wind speed: 110 MPH, ERXX diaphragm building, 20' floor roof height. Maximum height, 100' chord chord load used for wind design is 2 psf.
- 1 1/2" x 4" x 1/4" (4-4) steel angle, 20' chord chord load used for wind design is 2 psf.
- Roof pitch from 2.5/12 to 12/12.

NOTE: THESE DETAILS REFERENCE TRUSSTEEL PRODUCTS AND ARE INTENDED AS GENERIC REPRESENTATIONS FOR THE BRACING AND BRACING CONNECTION SYSTEMS. SIMILAR DETAILS FOR MITEK PRODUCTS SHALL BE USED. REFER TO THE GENERAL NOTES SECTION TITLED "TRUSS NOTES" FOR ADDITIONAL REQUIREMENTS.

TSUC3 Uplift Attachment to Light Gauge Steel

Total Uplift Capacity (lbs.)	
Wind Speed	Clip on one side / Clip on each side
20 psf	230 / 460
25 psf	330 / 660
30 psf	430 / 860
35 psf	530 / 1060
40 psf	630 / 1260
45 psf	730 / 1460
50 psf	830 / 1660
55 psf	930 / 1860
60 psf	1030 / 2060

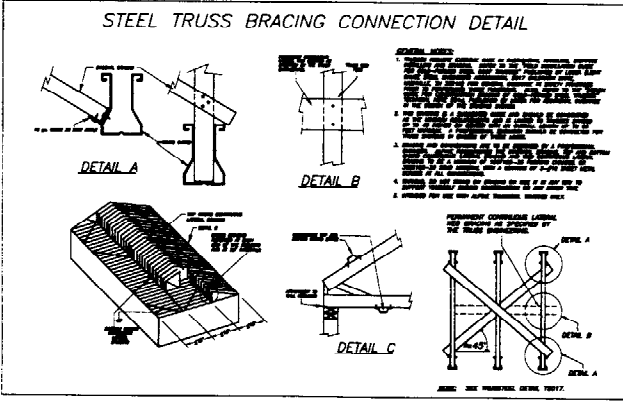
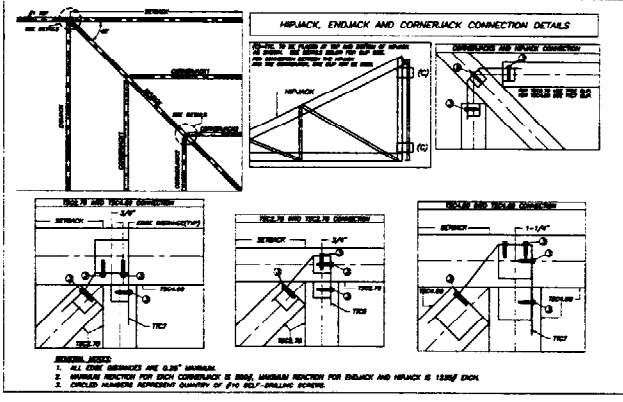
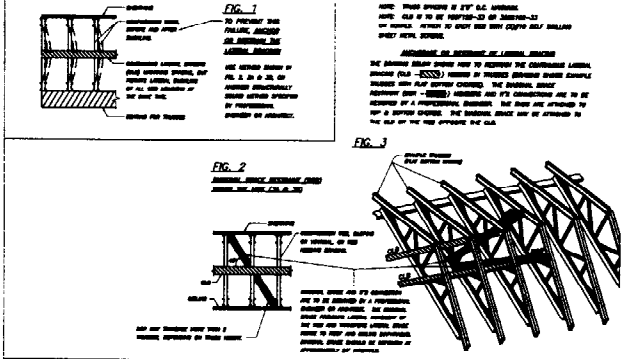


General Notes:

- Self top plate is made of ASTM A653-55 30 grade 33 or grade 50 steel. Top plate width is 2-1/2".
- Attachment of welded clip on opposite face of chord is standard in steel to steel.
- Consideration of the panel to steel shall need the transfer of load from the top plate to the top chord.
- The self top plate is to be designed by the job engineer. The self top plate shall be designed to support the loads applied to it (overhead, wind and seismic).
- Lateral allowable loads (P1 and P2) shown are maximum values. If these loads are in combination with up lift load, contact an engineer from Alpha Engineering Products, Inc.

The uplift capacities shown above have been increased by 1.5X and shall be used only for uplift resulting from wind or seismic loads. For uplift due to other loads, use 75% of tabulated values.
 Uplift capacities outlined above are to be compared with uplift values determined by TrusTech analysis.
 TSUC3

CLB RESTRAINT



AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

REVISIONS	
NO.	DESCRIPTION

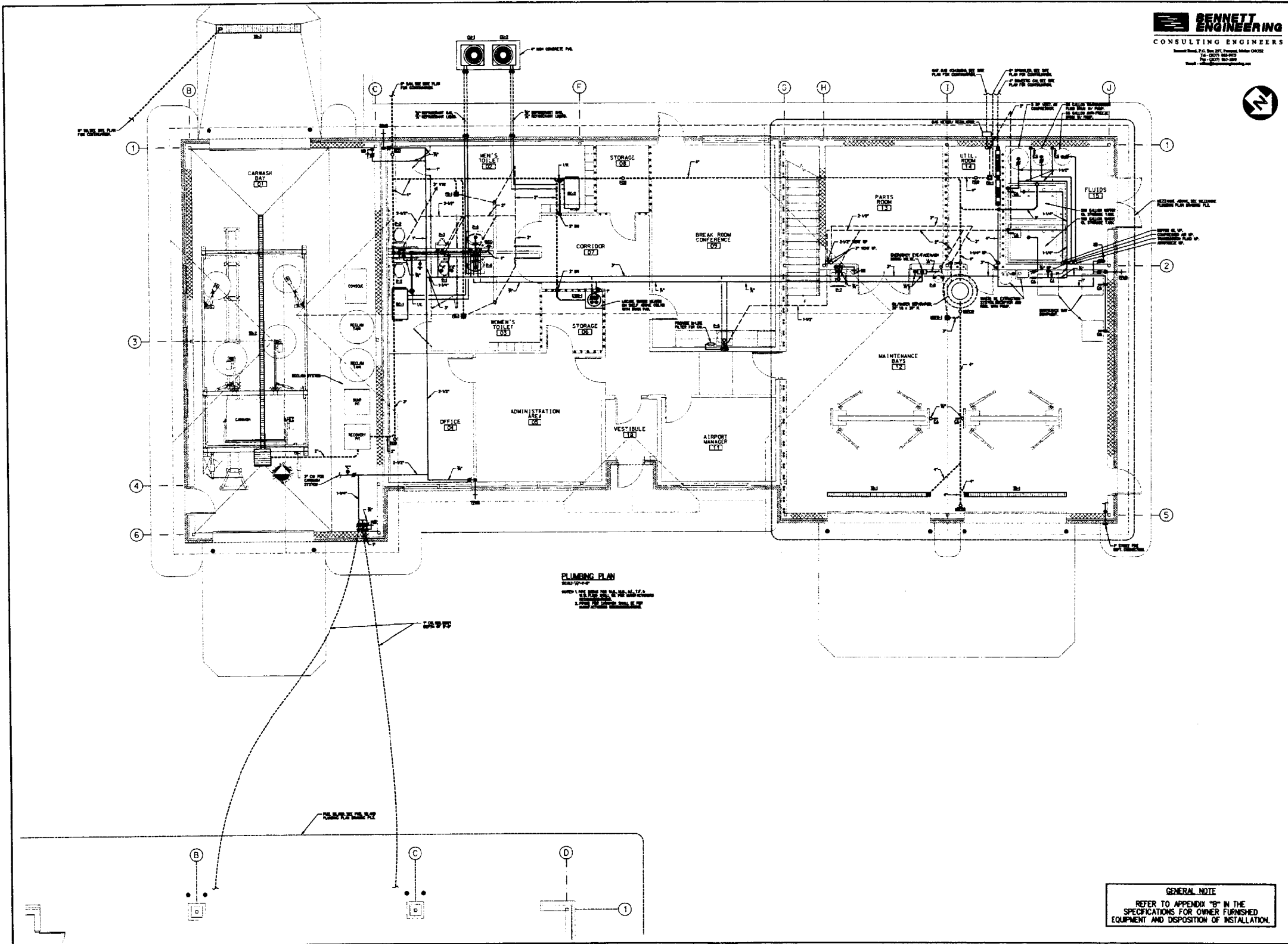
DATE	BY
PROJECT #	TITLE
DRAWN BY	TEAM
CHECKED BY	TEN
DRAWING SCALE	AS NOTED

SHEET TITLE
TRUSS BRACING
DETAILS & NOTES

ISSUED FOR CONSTRUCTION
SEPT 17, 2001

S5

THIS DRAWING IS THE PROPERTY OF TRUSSTEEL PRODUCTS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE TITLE BLOCK. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE EXPRESS WRITTEN PERMISSION OF TRUSSTEEL PRODUCTS, INC.



BENNETT ENGINEERING
CONSULTING ENGINEERS
1000 West 10th Street, Suite 1000, Omaha, NE 68102
402.442.1111
www.bennet-engineering.com



GAWRON ARCHITECTS
300 North 10th Street, Suite 1000, Omaha, NE 68102
402.442.1111
www.gawron.com



AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

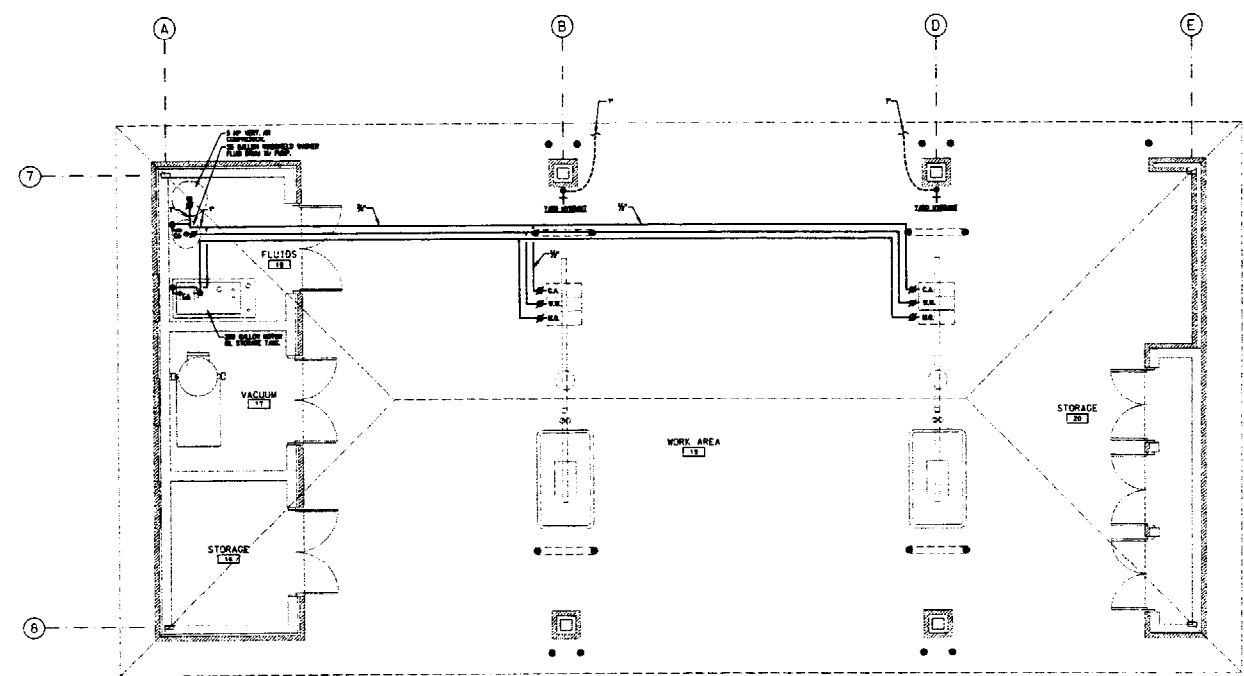
REVISIONS	
NO.	DESCRIPTION

DATE:	DATE:
DESIGNED BY:	DESIGNED BY:
DRAWN BY:	DRAWN BY:
CHECKED BY:	CHECKED BY:
SCALE:	SCALE:

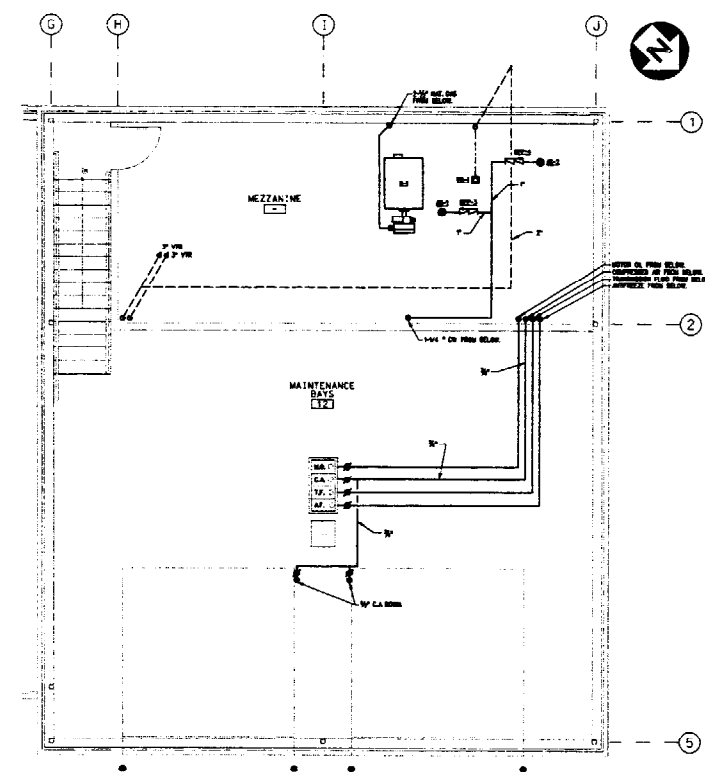
SHEET TITLE
PLUMBING FLOOR PLAN

P1.1

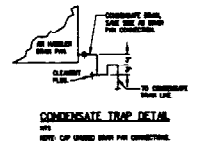
DATE: 10/15/10
DRAWN BY: J. H. HARRIS
CHECKED BY: J. H. HARRIS



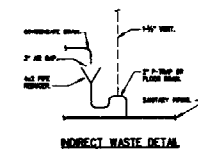
PLUMBING PLAN
SCALE: 1/8" = 1'-0"



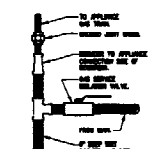
MEZZANINE PLUMBING PLAN
SCALE: 1/8" = 1'-0"



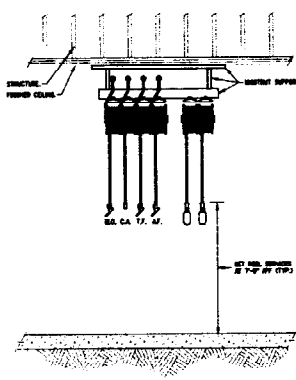
CONDENSATE TRAP DETAIL



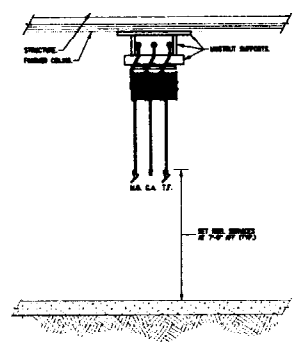
INDIRECT WASTE DETAIL



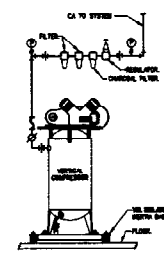
CONNECTED GAS PIPING CONNECTION DETAIL



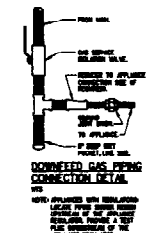
HOSE REEL SYSTEM DETAIL - MAINTENANCE BAYS



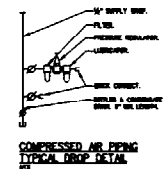
HOSE REEL SYSTEM DETAIL - FUEL ISLAND



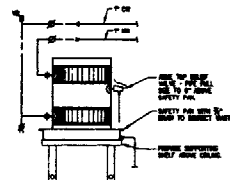
COMPRESSOR PIPING DETAIL



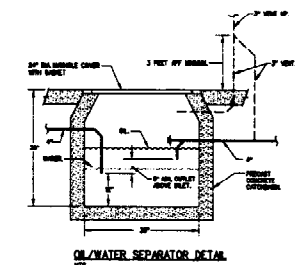
CONNECTED GAS PIPING CONNECTION DETAIL



COMPRESSED AIR PIPING TYPICAL DROP DETAIL



ELECTRIC WATER HEATER DETAIL



OIL/WATER SEPARATOR DETAIL

GENERAL NOTE
REFER TO APPENDIX "B" IN THE SPECIFICATIONS FOR OWNER FURNISHED EQUIPMENT AND DISPOSITION OF INSTALLATION.

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

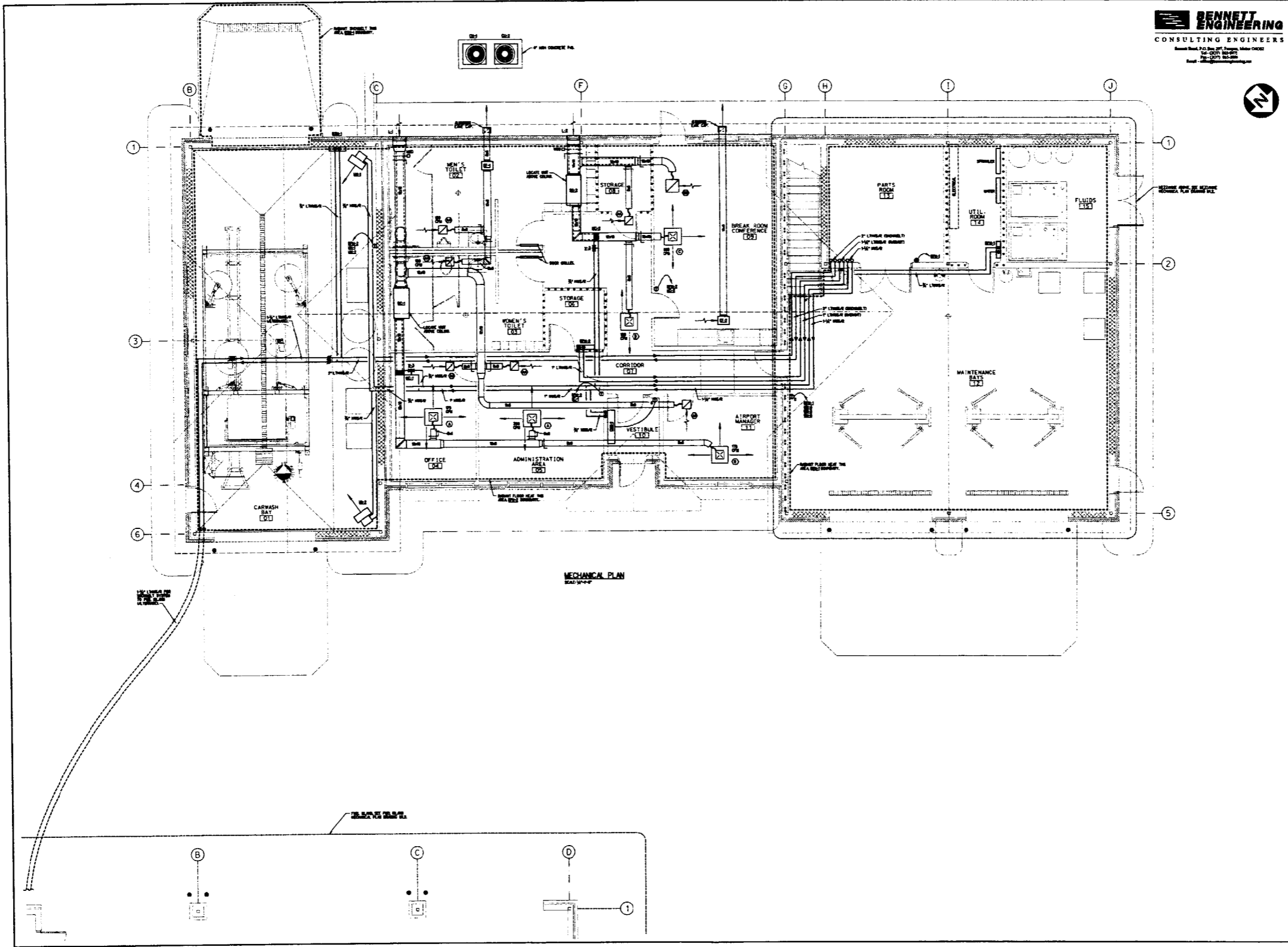
REVISIONS	
NO.	DESCRIPTION

DATE:	05/11/10
PROJECT:	00000
DRAWN BY:	000
CHECKED BY:	000
DRAWING SCALE:	AS SHOWN

SHEET TITLE
PLUMBING FLOOR PLAN

P1.2

© COPYRIGHT 2007
BENNETT ENGINEERING



BENNETT ENGINEERING
CONSULTING ENGINEERS
Bennett Road, P.O. Box 207, Ipswich, Mass 01938
Tel: 508/935-6000
Fax: 508/935-6001



GAWRON ARCHITECTS
29 Wood Pond Road
Middleburg, MA 01847
www.gawron.com
Tel: 978/885-6007
Fax: 978/885-0861

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

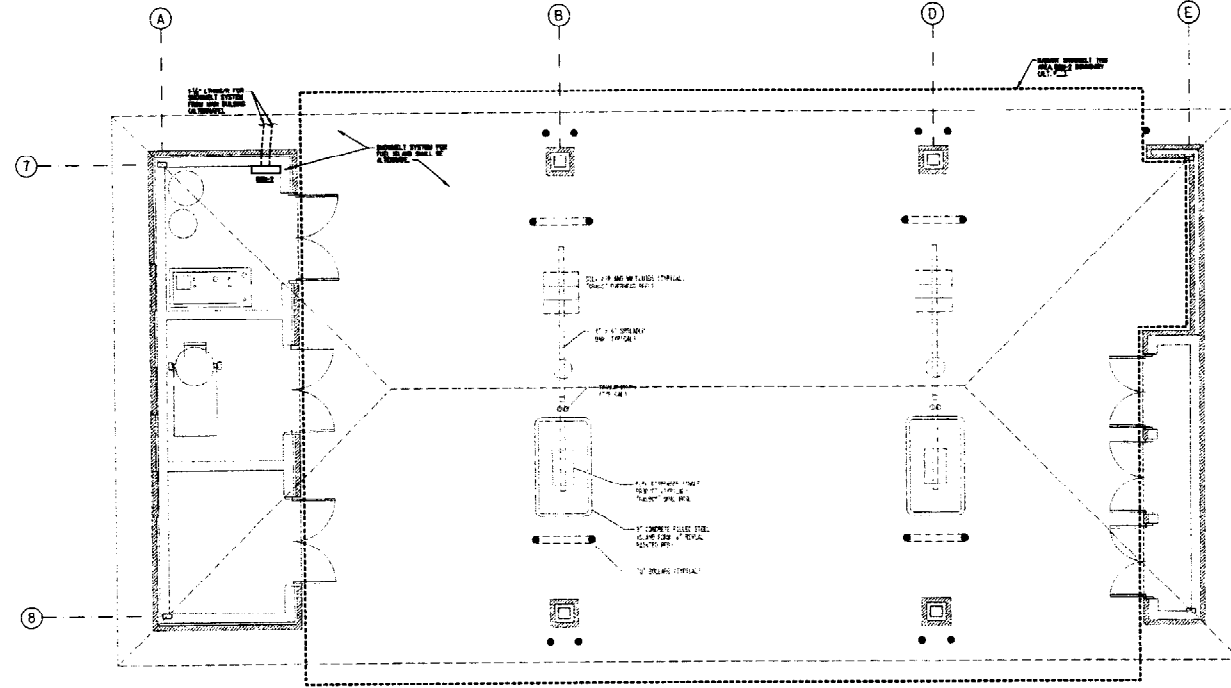
REVISIONS	
NO.	DESCRIPTION

DATE:	05/07/06
PROJECT #:	04006
DRAWN BY:	DM
CHECKED BY:	DM
PLACING SCALE:	AS SHOWN

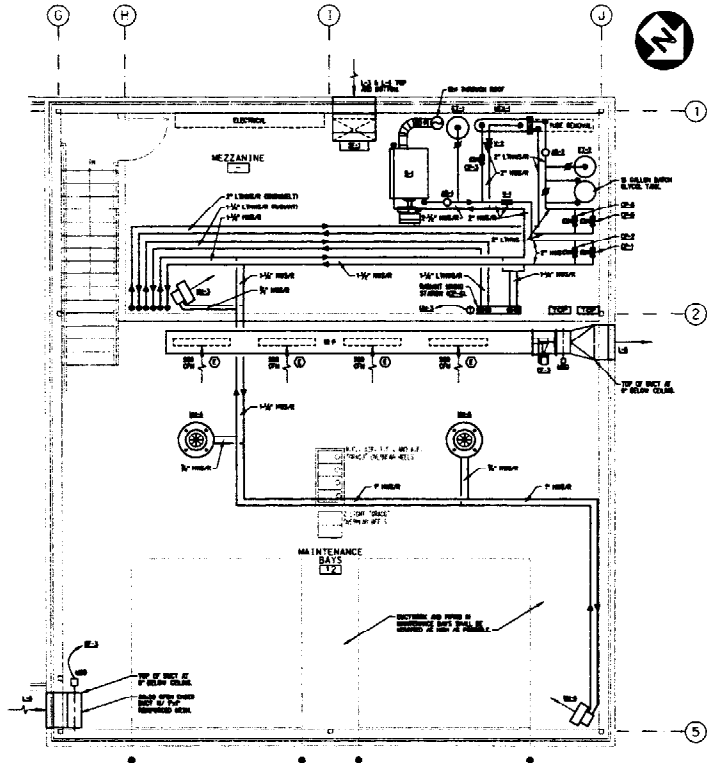
SHEET TITLE
MECHANICAL PLAN

M1.1

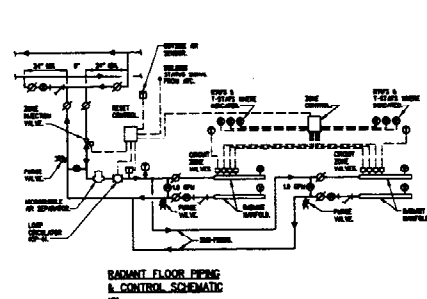
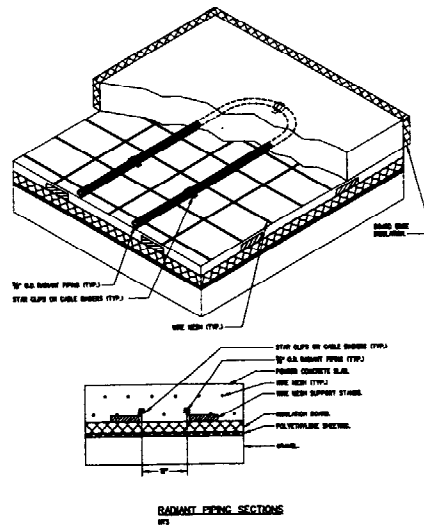
CONTRACT NO. 04006
PROJECT NO. 04006



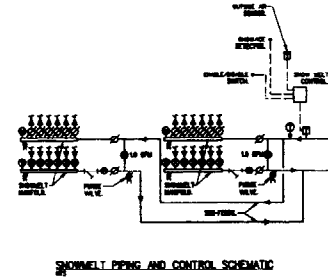
MECHANICAL PLAN
SCALE: 1/8" = 1'-0"



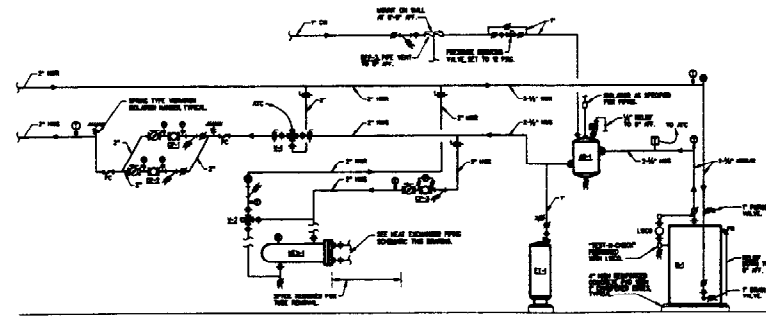
MEZZANINE MECHANICAL PLAN
SCALE: 1/8" = 1'-0"



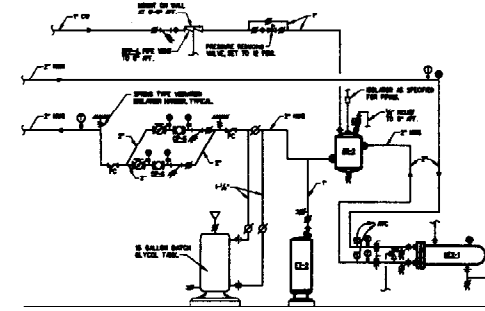
RADIAN FLOOR PIPING & CONTROL SCHEMATIC
SCALE: 1/4" = 1'-0"



SHOWELT PIPING AND CONTROL SCHEMATIC
SCALE: 1/4" = 1'-0"



BOILER PIPING SCHEMATIC
SCALE: 1/4" = 1'-0"



HEAT EXCHANGER PIPING SCHEMATIC
SCALE: 1/4" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

DATE	BY/VA
PREPARED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
ISSUED BY	DATE

SHEET TITLE

MECHANICAL
MECHANICAL
PLAN & DETAILS

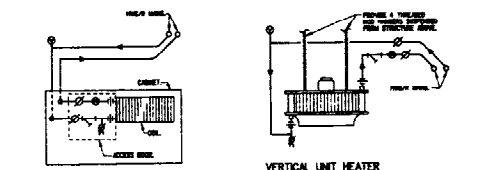
M1.2

© COPYRIGHT 2007
BENNETT ENGINEERING

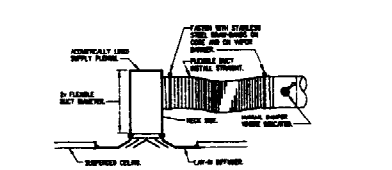
MECHANICAL & PLUMBING LEGEND

Table with 4 columns: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists various mechanical and plumbing components and their corresponding symbols.

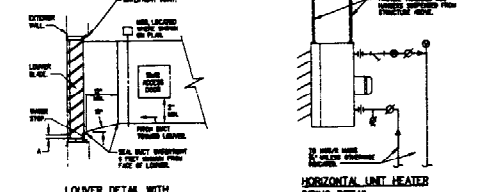
Table with 4 columns: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists various mechanical and plumbing components and their corresponding symbols.



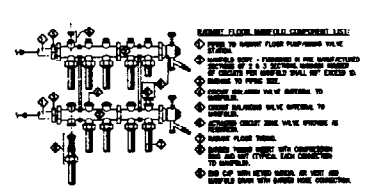
CABINET UNIT HEATER PIPING DETAIL



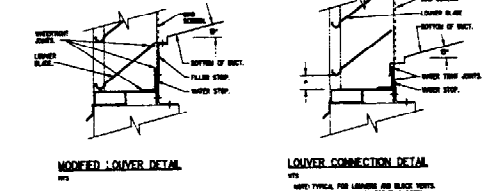
RADIATOR RETURN CONNECTION DETAIL



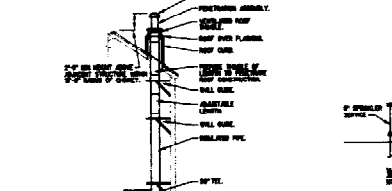
LOWER DETAIL WITH HORIZONTAL DUCT



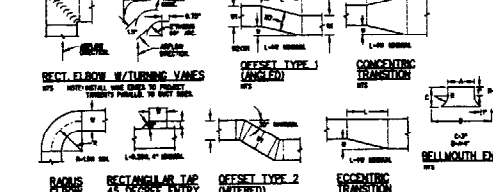
RADIANT FLOOR MANIFOLD



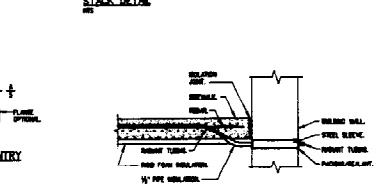
MODIFIED LOWER DETAIL



STACK DETAIL



OFFSET TYPE 1 CONCENTRIC TRANSITION

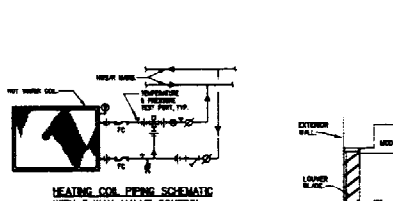


WATER ENTRANCE DETAIL

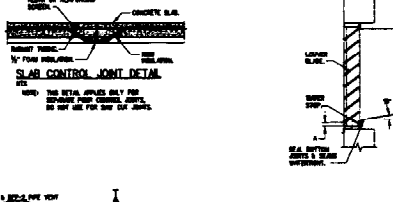
BFP PERFORMANCE SCHEDULE table with columns for unit, flow, pressure, etc.

PLUMBING FIXTURE CONNECTION SCHEDULE table with columns for fixture, connection, etc.

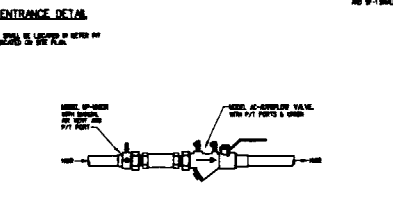
RADIANT FLOOR HEATING SCHEDULE table with columns for room, zone, etc.



HEATING COIL PIPING SCHEMATIC WITH 3-WAY VALVE CONTROL



SOLAR CONTROL JOINT DETAIL



WATER ENTRANCE DETAIL

GAS BOILER PERFORMANCE SCHEDULE table with columns for boiler, flow, pressure, etc.

SHELL & TUBE HEAT EXCHANGER PERFORMANCE SCHEDULE table with columns for exchanger, flow, pressure, etc.

BLOWER COIL UNIT PERFORMANCE SCHEDULE table with columns for unit, flow, pressure, etc.

CONDENSING UNIT PERFORMANCE SCHEDULE table with columns for unit, flow, pressure, etc.

ELECTRIC WATER HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

PUMP PERFORMANCE SCHEDULE table with columns for pump, flow, pressure, etc.

FAN PERFORMANCE SCHEDULE table with columns for fan, flow, pressure, etc.

CABINET UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

EXPANSION TANK PERFORMANCE SCHEDULE table with columns for tank, flow, pressure, etc.

AIR SEPARATOR PERFORMANCE SCHEDULE table with columns for separator, flow, pressure, etc.

LOWER PERFORMANCE SCHEDULE table with columns for lower, flow, pressure, etc.

UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

AIR DEVICE PERFORMANCE SCHEDULE table with columns for device, flow, pressure, etc.

UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.

UNIT HEATER PERFORMANCE SCHEDULE table with columns for heater, flow, pressure, etc.



GAWRON ARCHITECTS logo and contact information.

AVIS CORPORATE FACILITIES VEHICLE SERVICE CENTER

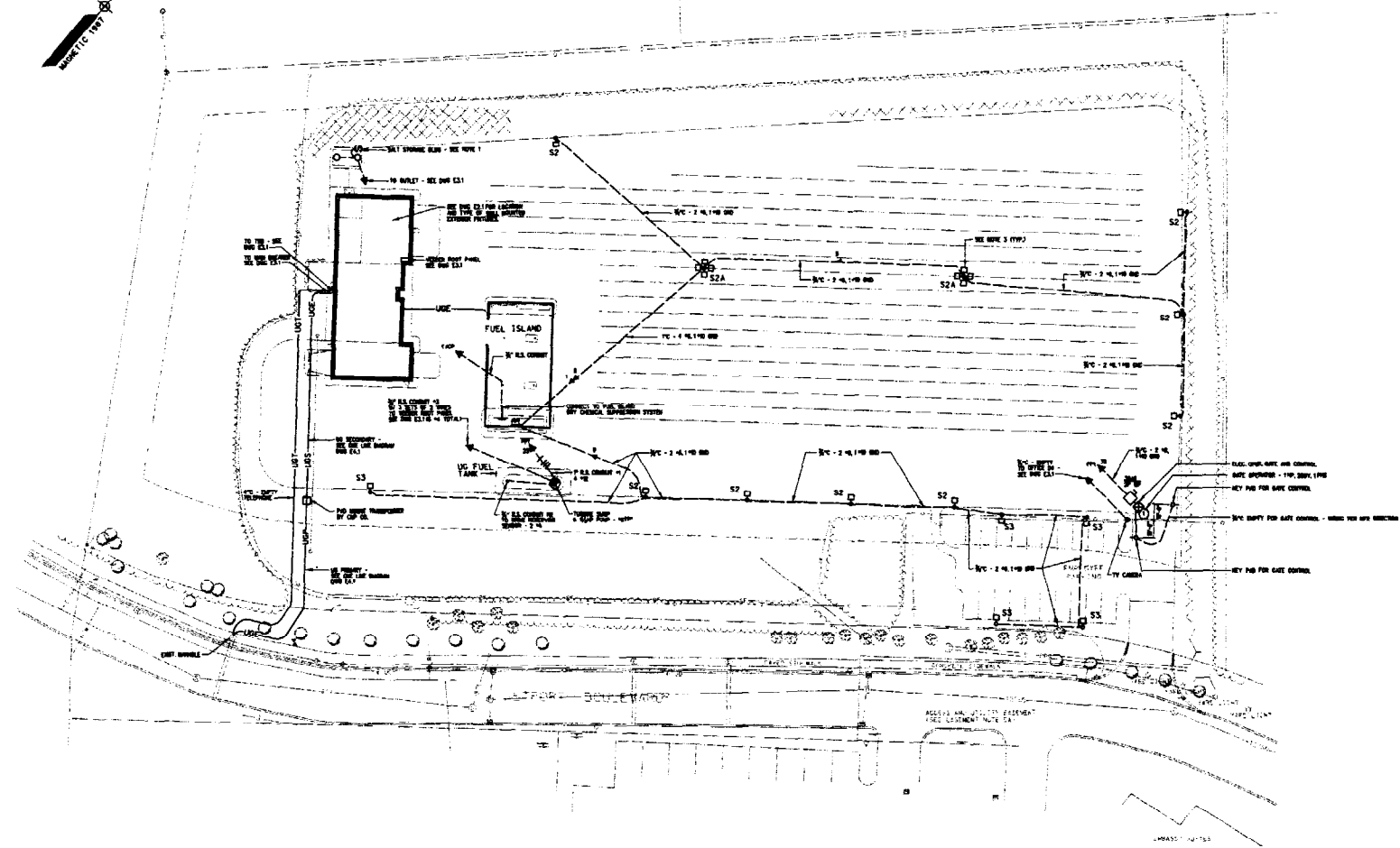
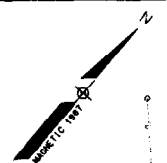
REVISIONS table with columns for date and description.

Table with columns for project name and date.

MECHANICAL & PLUMBING LEGEND & SCHEDULES

MP1.1

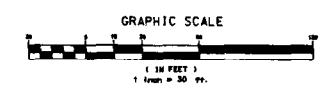
Copyright 2000-2001



EXTERIOR ELECTRICAL PLAN
REV. 7-2007

SITE LIGHTING FIXTURE SCHEDULE			
TYPE	DESCRIPTION	LAMPS QUANTITY & TYPE	REMARKS
S2	WIDELITE #EALM-250-44-OV200-S-PCB-200V-TBK	1- MVR250/U	MOUNT ON POLE - WIDELITE #DTI-601H-BLX-01 FUTURE FUEL ISLAND HOUSE SIDE SHELD FOR 10-13' X
S2A	SAME AS ABOVE EXCEPT QUANTITY IS 4	4- MVR250/U	MOUNT ON POLE - WIDELITE #DTI-601H-BLX-04
S3	WIDELITE #EALM-175-40V200-S-PCB200V-TBK	1- M75/U/RED (SYLVANIA)	MOUNT ON POLE - WIDELITE #DTI-601H-BLX-01

NOTES:
 1. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.
 2. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.
 3. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.
 4. ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE IBC AND ALL APPLICABLE CODES.



GENERAL NOTE
 REFER TO APPENDIX "B" IN THE SPECIFICATIONS FOR OWNER FURNISHED EQUIPMENT AND DISPOSITION OF INSTALLATION.



AVIS
 CORPORATE FACILITIES
 VEHICLE SERVICE CENTER

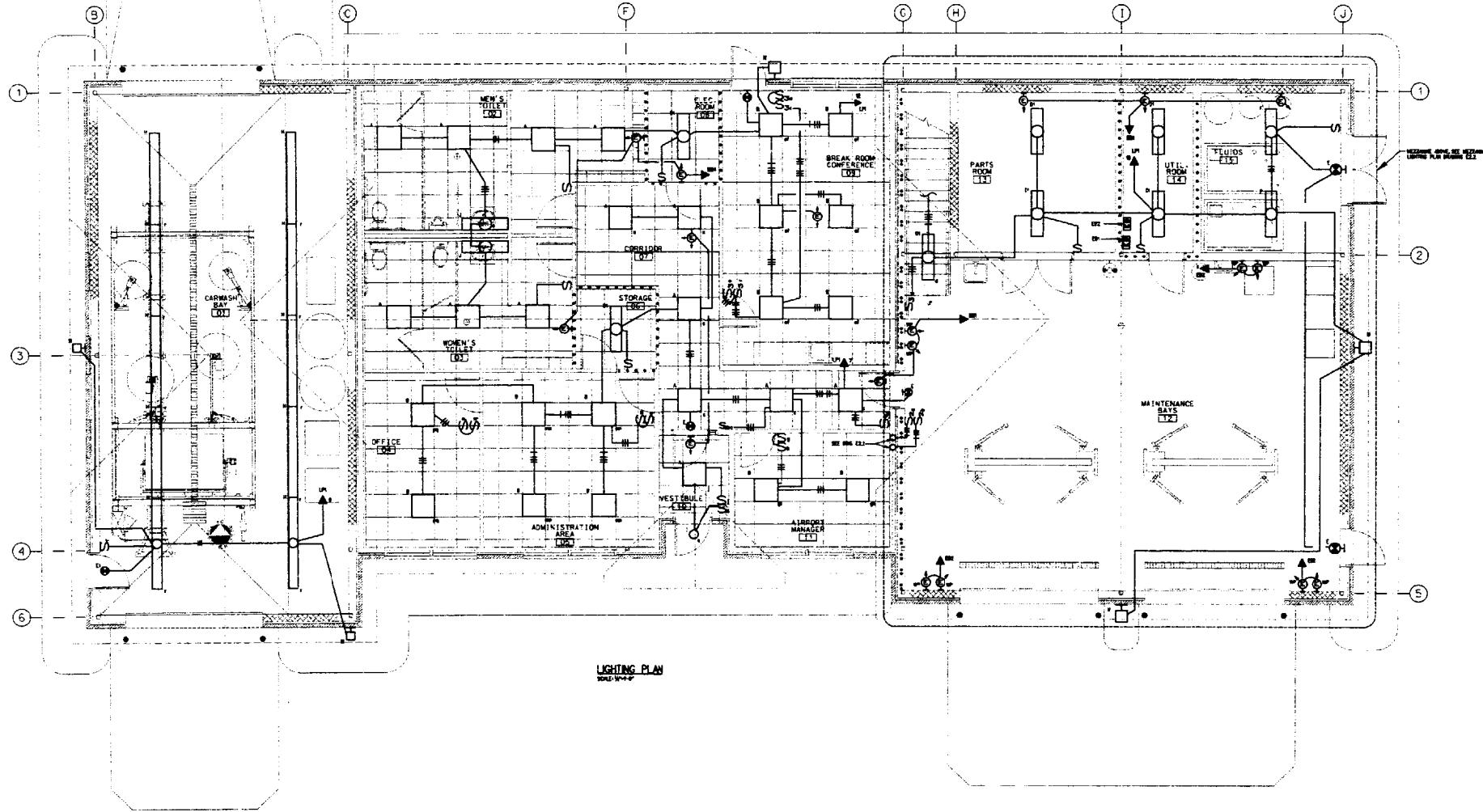
REVISIONS	
NO.	DESCRIPTION

DATE	BY
DESIGNED BY	
CHECKED BY	
DRAWN SCALE	AS SHOWN

SHEET TITLE
 EXTERIOR ELECTRICAL PLAN

E1.1

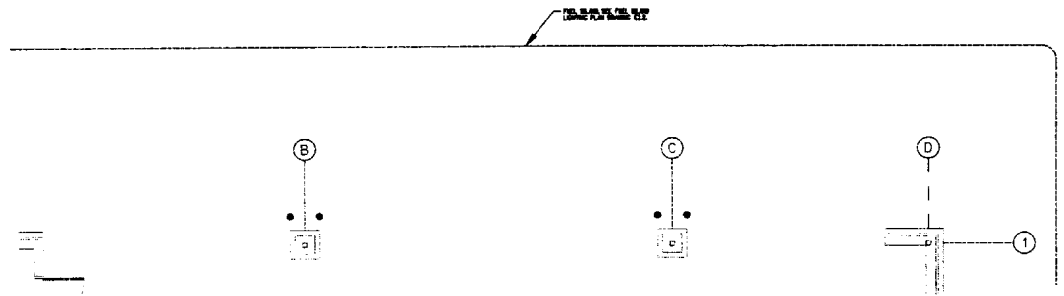
COPYRIGHT 2007
 BENTNET ENGINEERING



LIGHTING PLAN
2004-10-14

LIGHTING FIXTURE SCHEDULE - SEE DWG E1.1 FOR SITE LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	QUANTITY & TYPE	REMARKS: FLUORESCENT BALLASTS ARE ELECTRONIC TYPE
A	COLUMBIA #4022-230MG-MA33-S-EB8020-QLR	2-F3278/SPX33/A/4	RECESSED 1-2 LAMP BALLASTS
B	COLUMBIA #4022-337MG-MA33-S-EB8020-QLR	3-F8031/835	RECESSED 1-1 LAMP, 1-2 LAMP BALLASTS FOR 2 LEVEL SWITCHING
C	RELAB #C2440-3-B (200V)	1-400W SUPER METAL HALIDE LAMP FURN. W/FIXTURE	PENDANT MOUNT ON #10-3 POWER HOOK-W/SAFETY CHAIN #SC-5
D	COLUMBIA #C50-233-4EB8020-QLR	4-F3278/SPX33	SURFACE MOUNT, 1-4 LAMP BALLAST
DI	COLUMBIA #C54-233-4EB8020-QLR	2-F3278/SPX33	SURFACE MOUNT, 1-2 LAMP BALLAST
E	DUAL LITE #L38RWE-120V	RED LED'S FURN. W/FIXTURE	WALL/CILING MOUNT AS INDICATED ON DWGS.
E1	DUAL LITE #L38RWE-120V	RED LED'S FURN. W/FIXTURE	WALL MOUNT ABOVE DOOR
F	COLUMBIA #L184-232-EB8020-QLR	2-F3278/SPX33	SURFACE MOUNT, 1-2 LAMP BALLAST
H	COLUMBIA #L185-232-4EB8020-QLR	4-F3278/SPX33	PENDANT MOUNT, 1/2" AFF. ON STEM HANGING HARS #HAB-1/4 LAMP BALLAST, 0" AFF. COLD WEATHER BALLAST
I	PRESCOLITE #MC800-ST802	1-150A	RECESSED IN CANOPY
J	COLUMBIA #M-232-EB8020-QLR	2-F3278/SPX33	WALL MOUNT ABOVE TOP OF MIRROR
K	RELAB #C2425-3-V (200V)	1-1500W SUPER METAL HALIDE LAMP FURN. W/ FIXTURE	MOUNT ON SPREADER BAR IN FUEL ISLAND CANOPY
L	EXCELLINE #PF-250-MA-1-HS-2	1-150W SUPER METAL HALIDE LAMP FURN. W/ FIXTURE	SURFACE MOUNT IN FUEL ISLAND CANOPY
M	WDELITE #WLM-AH120-PCB-TBK	1-WR1000/AL/RED	WALL MOUNT 12"-0" ABOVE FINISH GRADE
N	STONCO #SC220	2 - 60 A/S-120V (3000 HOURS LIFE)	SURFACE MOUNT IN SALT STORAGE BUILDING



REVISIONS

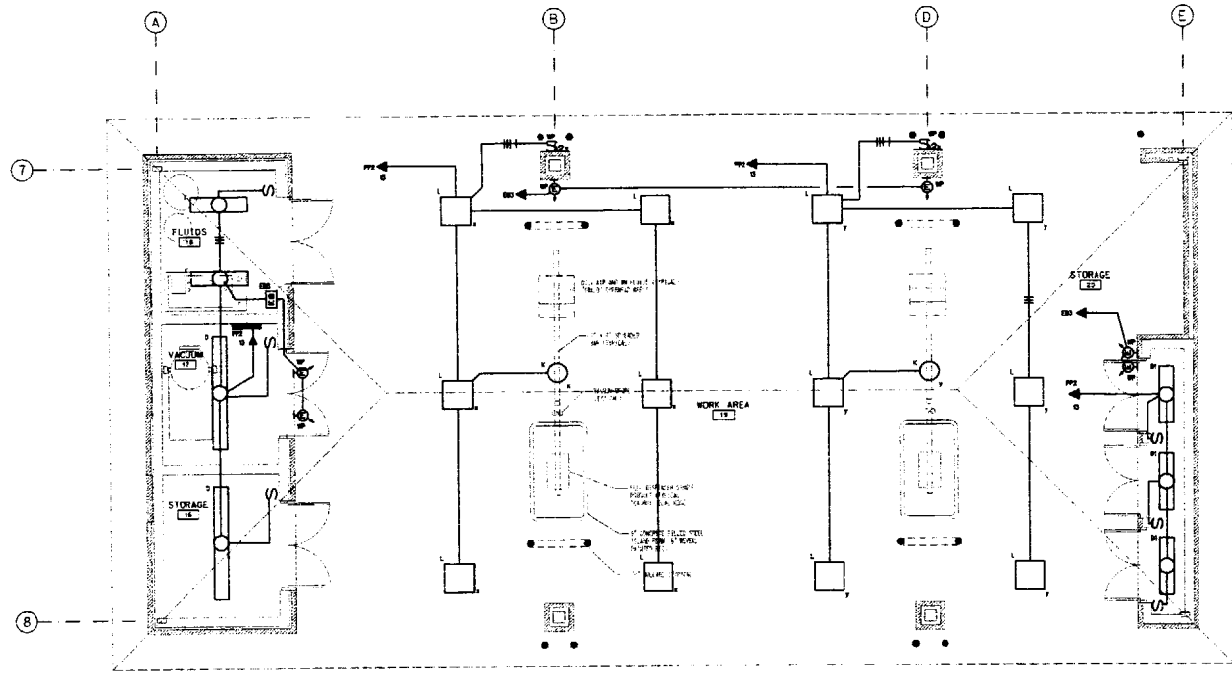
NO.	DATE	DESCRIPTION

DATE	BY/CHK
PROJECT	OWNER
DRAWN BY:	SPJ
CHECKED BY:	CVA
REVISION SCALE	AS SHOWN

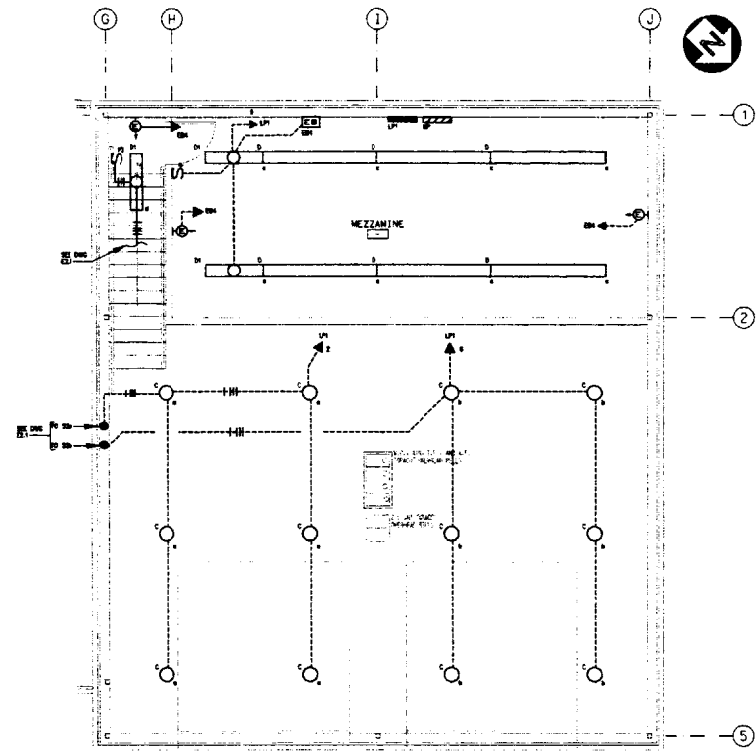
SHEET TITLE
LIGHTING FLOOR PLAN

E2.1

Copyright © 2004
BENNETT ENGINEERING



FUEL ISLAND LIGHTING PLAN
SCALE 1/4" = 1'-0"



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

BENNETT ENGINEERING
CONSULTING ENGINEERS
Bennett Road, P.O. Box 207, Longwood, Maine 04052
Tel: (207) 583-8800
Fax: (207) 583-8801
Email: ben@beneteng.com



GAWRON ARCHITECTS
27 Wood Park Road
Southport, ME 04090
www.gawron.com
Tel: 207.583.4307
Fax: 207.583.1866

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

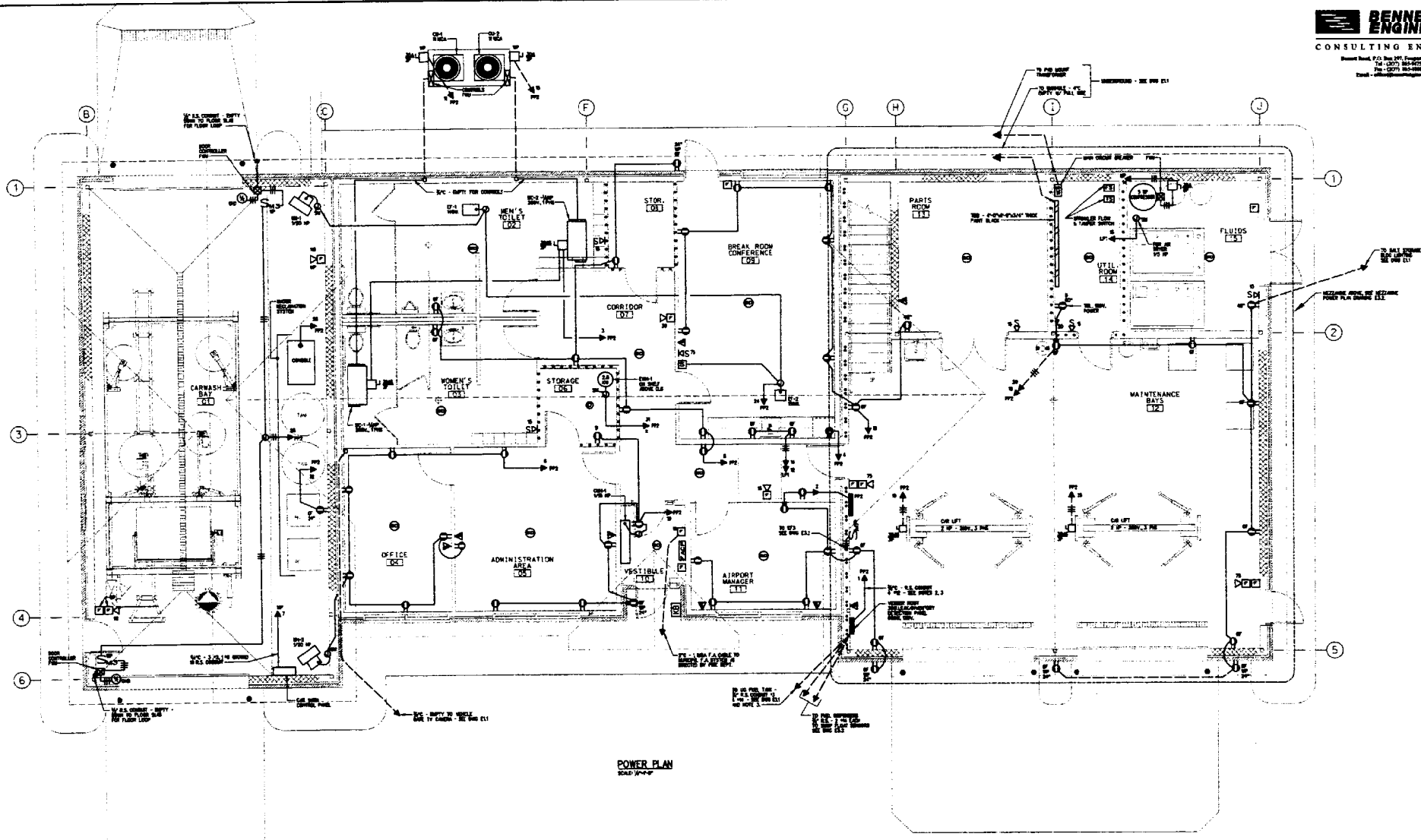
REVISIONS	
NO.	DESCRIPTION

DATE:	DATE:
PROJECT:	DATE:
DRAWN BY:	BY:
CHECKED BY:	BY:
DRAWING SCALE:	AS SHOWN

SHEET TITLE
LIGHTING FLOOR PLAN

E2.2

COPYRIGHT © 2007
BENNETT ENGINEERING



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

- NOTES:**
- SEE PLANS FOR THE GENERAL LAYOUT AND ELECTRICAL SYMBOLS.
 - SEE OWNER'S SPECIFICATIONS FOR THE TYPE AND RATING OF ALL EQUIPMENT.
 - SEE PLANS FOR THE TYPE AND RATING OF ALL EQUIPMENT.
 - SEE PLANS FOR THE TYPE AND RATING OF ALL EQUIPMENT.

GENERAL NOTE
REFER TO APPENDIX "B" IN THE SPECIFICATIONS FOR OWNER FURNISHED EQUIPMENT AND DISPOSITION OF INSTALLATION.

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

REVISIONS

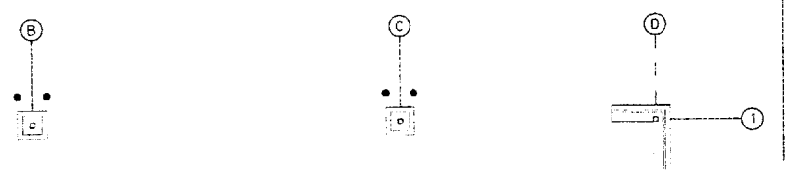
NO.	DATE	DESCRIPTION

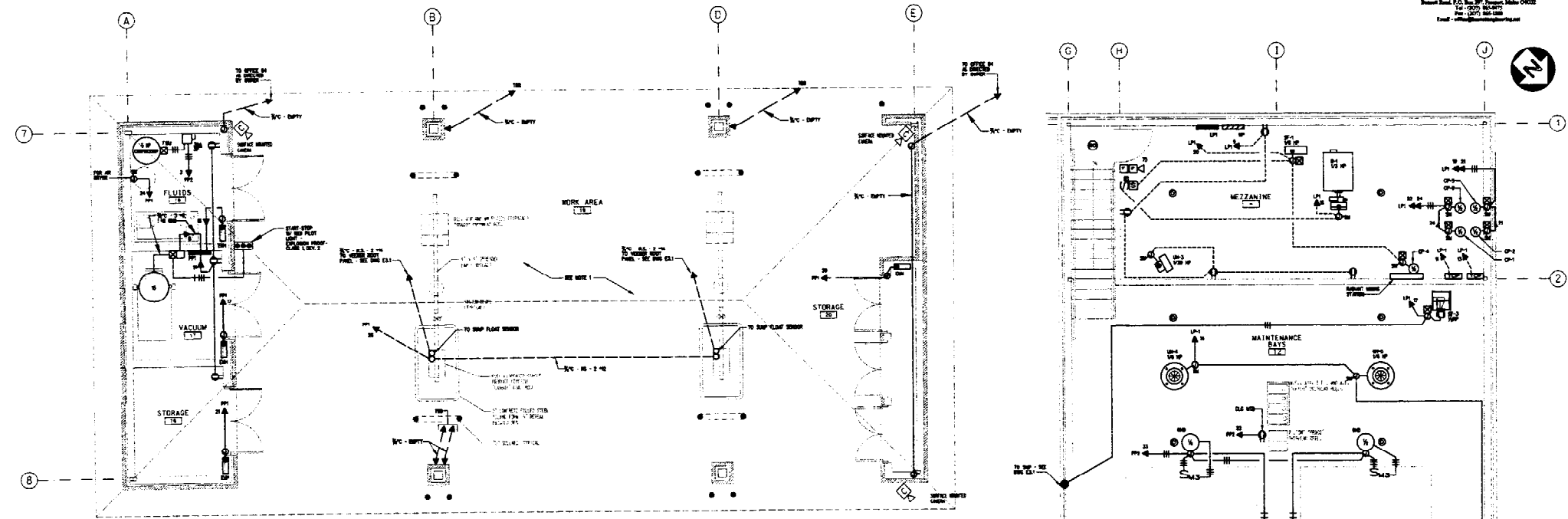
DATE:	08/17/10
PROJECT:	AVIS
DRAWN BY:	SP
CHECKED BY:	CEA
REVISIONS:	NO REVISIONS

SHEET TITLE
POWER FLOOR PLAN

E3.1

© COPYRIGHT 2010 BY BENNETT ENGINEERING





FUEL ISLAND POWER PLAN
DATE 10/04/04

MEZZANINE POWER PLAN
DATE 10/04/04

NOTES:
1. ALL MATERIALS, WORK TO FULL STANDARDS, SUBJECT TO APPROVAL BY THE REG.

GENERAL NOTE
REFER TO APPENDIX "B" IN THE
SPECIFICATIONS FOR OWNER FURNISHED
EQUIPMENT AND DISPOSITION OF INSTALLATION.

AVIS
CORPORATE FACILITIES
VEHICLE SERVICE CENTER

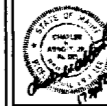
REVISIONS	
NO.	DESCRIPTION

DATE	REVISED
PROJECT	NO.
DRAWN BY	REV
CHECKED BY	CYA
RELAYING SCALE	AS SHOWN

SHEET TITLE
POWER FLOOR PLAN

E3.2

EQUIPMENT SEE 2001
SPECIFICATIONS



GAWRON ARCHITECTS
21 Bona Park Road
Sandton, Johannesburg 2013
Tel: (011) 835 8888
Fax: (011) 835 8888

AVIS
CORPORATE FACILITIES

VEHICLE SERVICE CENTER

REVISIONS

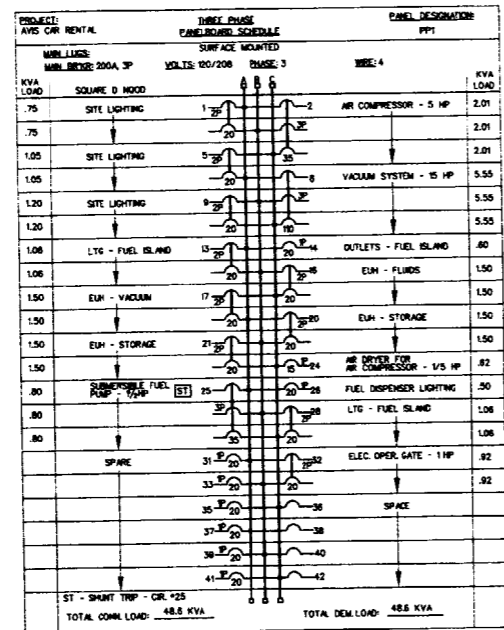
NO.	DATE	DESCRIPTION

DATE	BY	CHKD BY

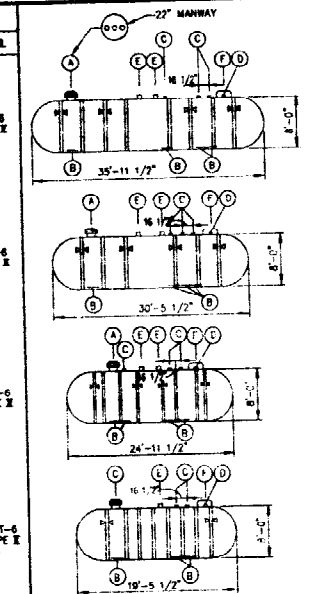
SHEET TITLE

LOADS
INCORPORATED
IN ONE LINE DIAGRAM

E4.1



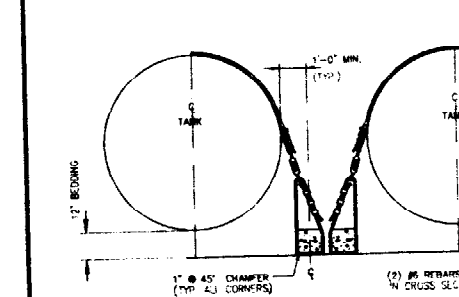
FLUID CONTAINMENT	
SIZE/WT	MODEL
12000 (6000 LBS)	DWT-6 TYPE II (B)
10000 (5000 LBS)	DWT-6 TYPE II (B)
8000 (4000 LBS)	DWT-6 TYPE II (B)
6000 (3000 LBS)	DWT-6 TYPE II (B)



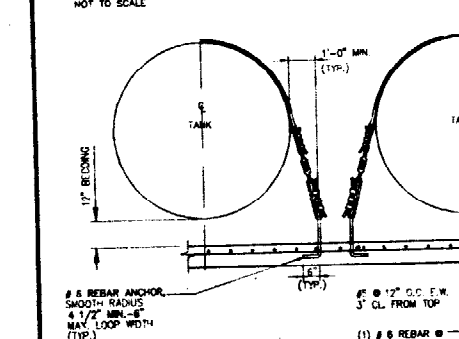
FITTING SCHEDULE:
 A - 22" MANWAY
 B - 24" SQ. DEFLECTOR PLATE
 C - 4" NPT FITTINGS
 D - 4" NPT CAVITY ACCESS FITTING W/ MONITORING TUBE
 E - LIFT LUGS
 F - 800 RESERVOIR DOME
 D-C THIS SYMBOL DENOTES THE LOCATION FOR FIBERGLASS STRIPS READY FOR STD. HOLE INSTALLATION. STRIPS SHALL BE LOCATED OVER RISERS DESIGNATED BY TANK MFR & MARKED ON TANKS.

NOTES:
 1. TANK DIMENSION MAY BE CHANGED BY TANK MANUFACTURER. CONTRACTOR SHALL VERIFY ALL TANK DIMENSIONS W/ MANUFACTURER PRIOR TO INSTALLATION.
 2. TANKS MUST BE ORDERED WITH 4" NPT SHELL FITTINGS SPACED 16 1/2" O.C.

TANK DATA & FITTING IDENTIFICATION
 NOT TO SCALE

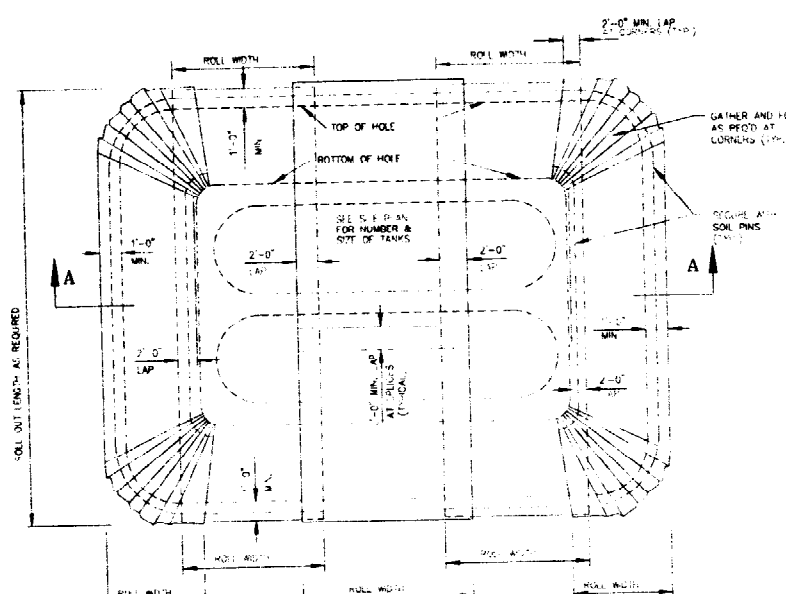


"CAST-ON-SITE" CONC. DEADMAN DETAIL
 NOT TO SCALE



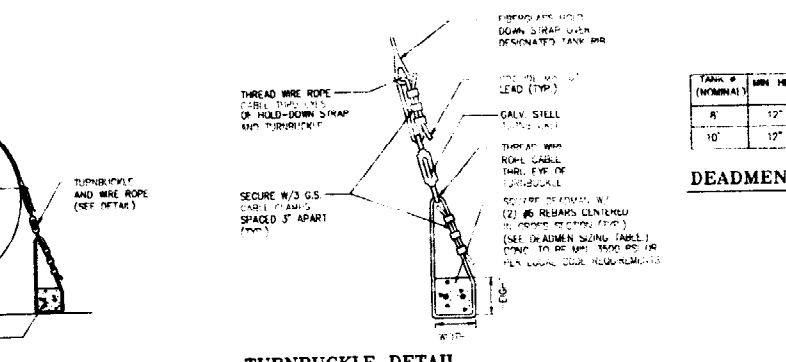
CONC. BASE SLAB DETAIL
ALTERNATE ANCHORAGE DETAIL
 NOT TO SCALE

ANCHORAGE DETAILS

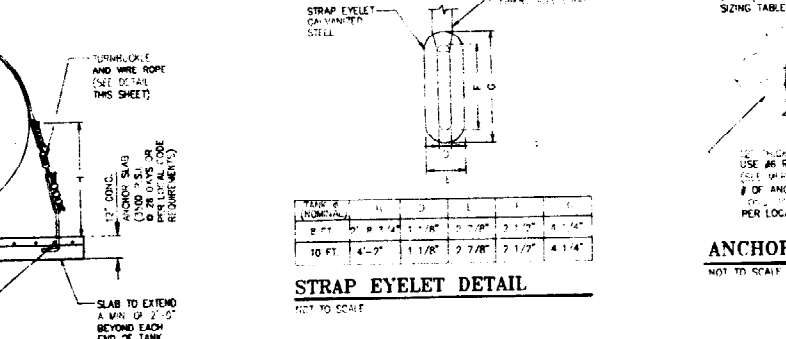


DETAIL OF EXCAVATION LINER INSTALLATION
 NOT TO SCALE

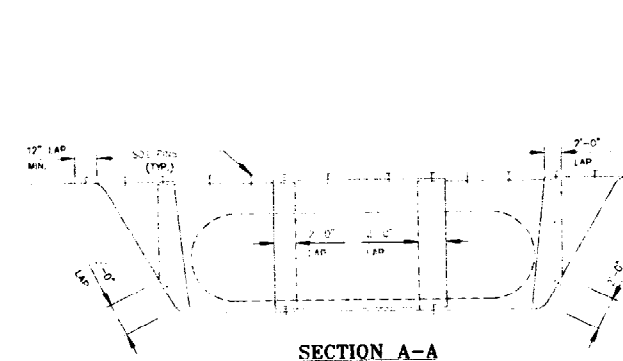
TURNBUCKLE DETAIL
 NOT TO SCALE



ANCHOR LOOP DETAIL
 NOT TO SCALE

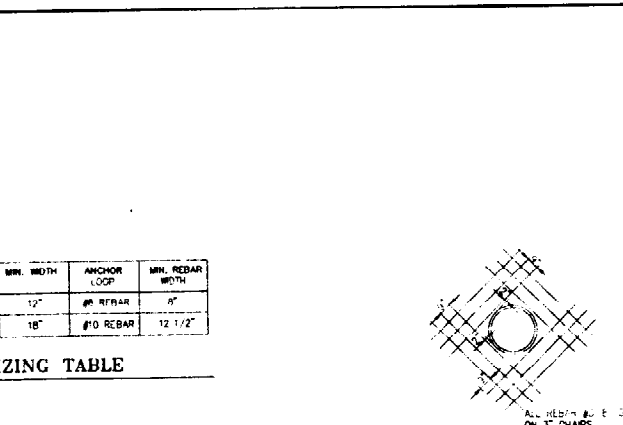


ANCHORING NOTES:
 1. SEE SHEET PT-1 OF 7 FOR ADDITIONAL DETAILS.
 2. HOLD DOWN ANCHORAGE SPACING SHALL BE WFR FROM MANHOLES/PROBES SPECIFICALLY.
 3. CONCRETE FOR CAST DEADMAN OR BASE SLAB SHALL ATTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3500 P.S.I.

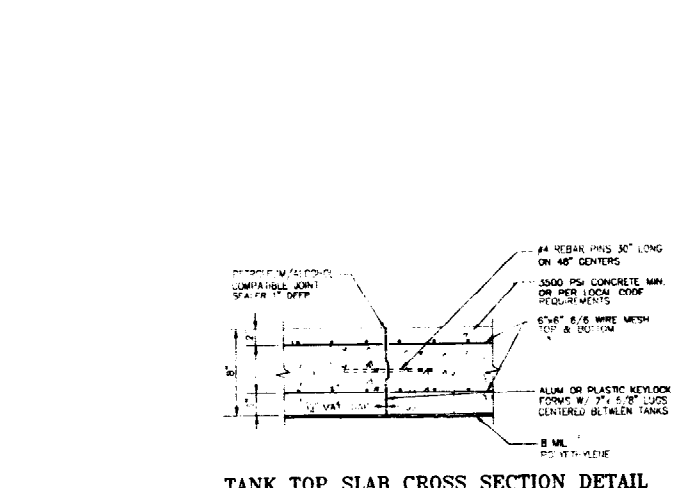
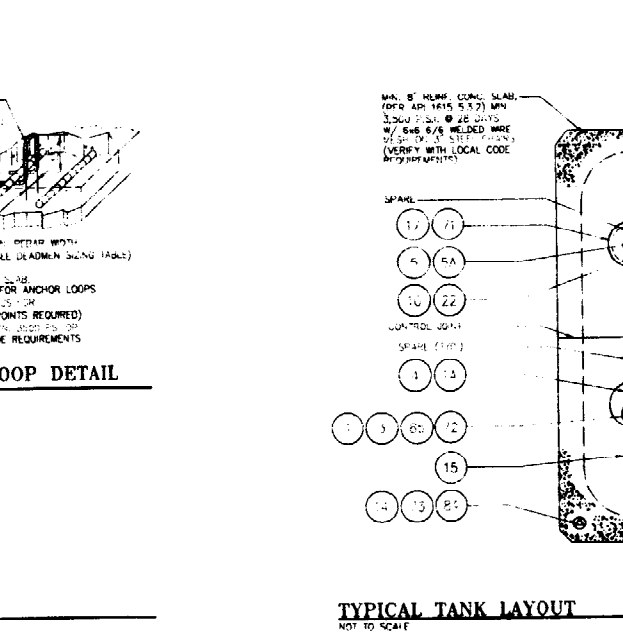


MANUFACTURERS:
 REEMAY, INC.
 10000 10th St. N.W. #300
 (800) 321-8271
 HULLVILLE CELLULOSE CORPORATION
 TRIVIRA 51120 (HOLE DEPTH LESS THAN 10\"/>

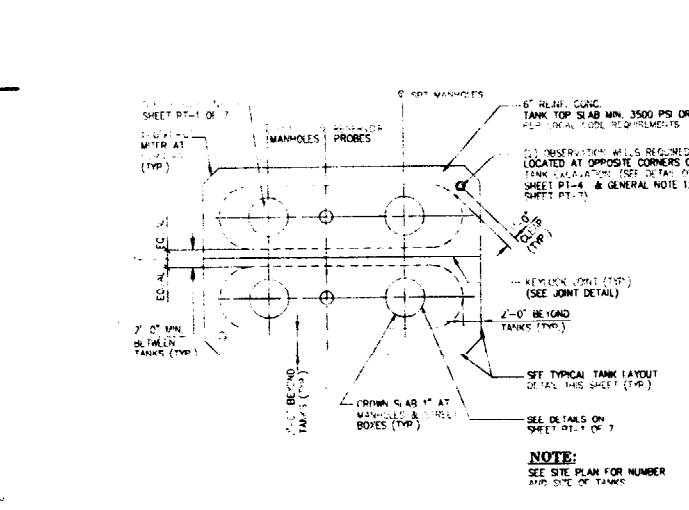
REBAR DETAIL AT MANHOLES
 IN TANK TOP SLAB
 NOT TO SCALE



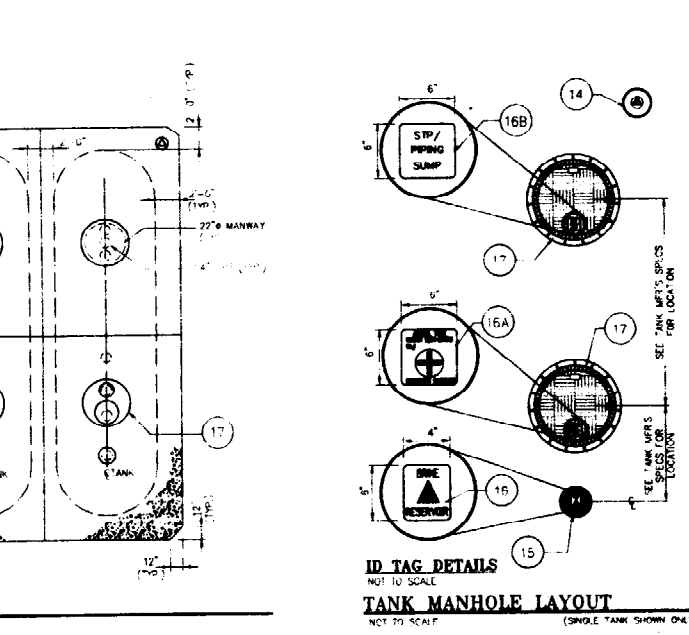
PLAN VIEW OF CONCRETE SLAB OVER TANKS
 NOT TO SCALE



TANK TOP SLAB CROSS SECTION DETAIL
 NOT TO SCALE

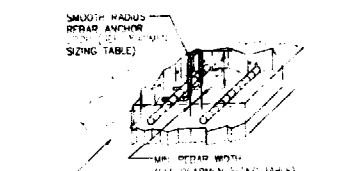


ID TAG DETAILS
TANK MANHOLE LAYOUT
 NOT TO SCALE



TANK # (NOMINAL)	MIN HEIGHT	MIN. WIDTH	ANCHOR LOOP	MIN. REBAR WIDTH
8	12"	10"	#4 REBAR	4"
10	12"	18"	#10 REBAR	12 1/2"

DEADMEN SIZING TABLE



STRAP EYELET DETAIL
 NOT TO SCALE

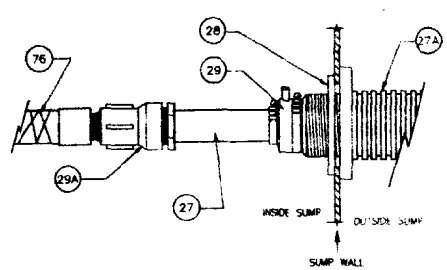
TANK # (NOMINAL)	W	D	L	W	L
8 FT.	4'-2"	1'-7"	0'-7"	3'-10"	4'-14"
10 FT.	4'-2"	1'-7"	2'-7"	3'-10"	4'-14"

ANIS
 CORPORATE FACILITIES

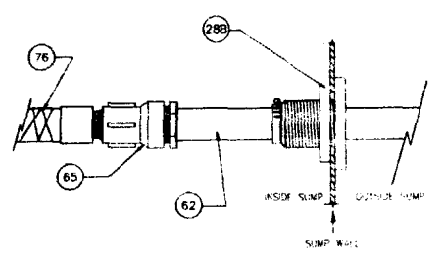
NO.	REVISION DESCRIPTION	DATE	BY

DATE: 5/5/97
 PROJECT NO:
 OPERATION:
 DRAWN BY: C.B./D.S./J.D.
 PROJECT MGR: P.A.L.
 CHECKED BY: J.P.C.

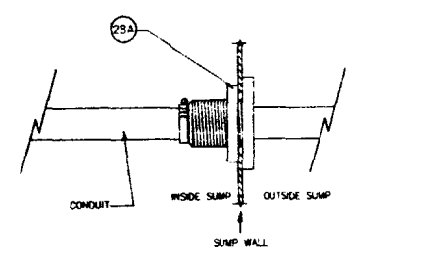
LOCATION: STANDARD INSTALLATION OF DOUBLE-WALL FIBERGLASS TANKS
 SHEET NO: PT-2
 OF 7
 TANKPT2



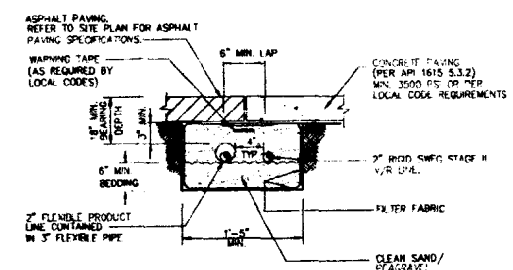
**UNDER DISPENSER PAN:
FLEXIBLE PRODUCT PIPE ENTRY DETAIL
(UNCUFFED/FLAT WALLS)**
NOT TO SCALE



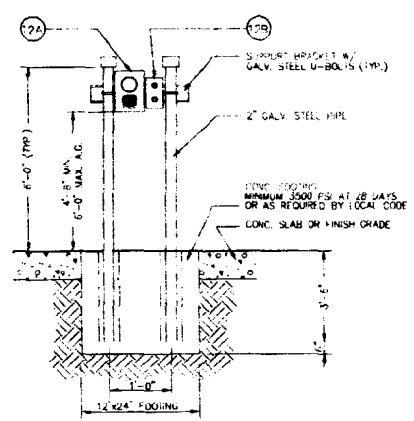
**UNDER DISPENSER PAN:
RIGID PIPE ENTRY DETAIL (F/G)
(UNCUFFED/FLAT WALLS)**
NOT TO SCALE



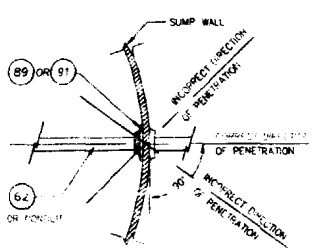
**UNDER DISPENSER PAN:
RIGID PIPE ENTRY DETAIL (CONDUITS)
(UNCUFFED/FLAT WALLS)**
NOT TO SCALE



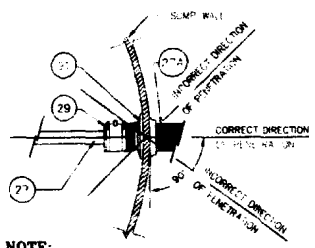
PIPE TRENCH & COVER DETAILS
NOT TO SCALE



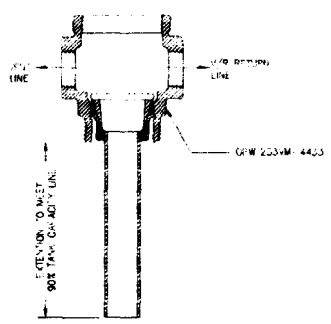
FREESTANDING ANNUNCIATOR MOUNTING DETAIL
NOT TO SCALE



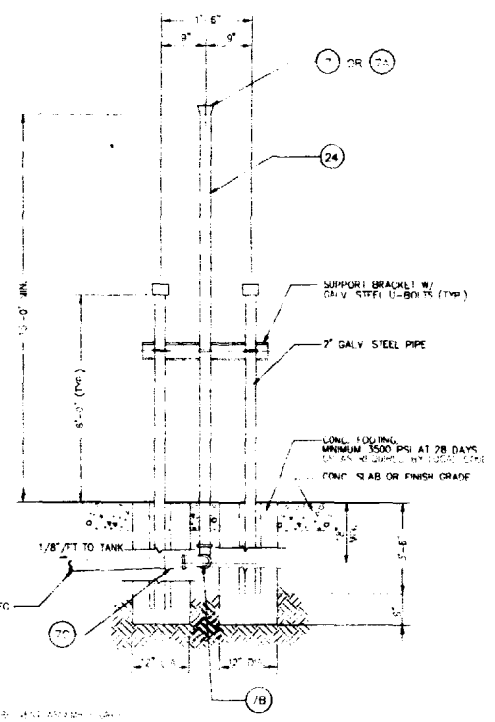
**MANWAY SUMP:
RIGID PIPE ENTRY DETAIL (F/G OR CONDUITS)
(UNCUFFED/CURVED WALLS)**
NOT TO SCALE



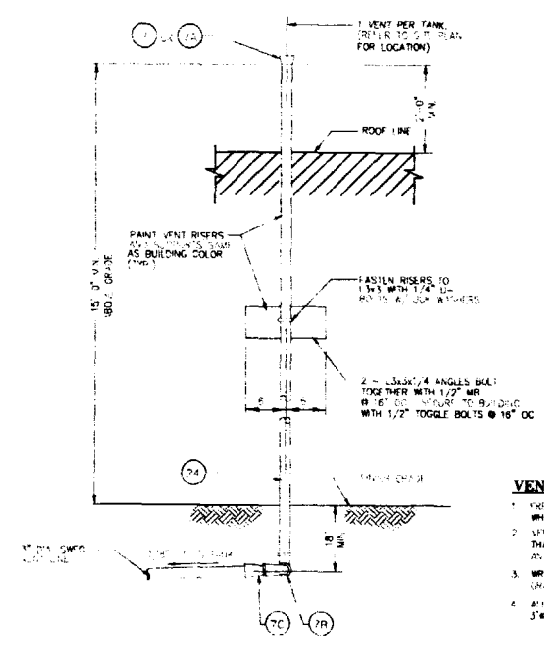
**MANWAY SUMP:
FLEXIBLE PRODUCT PIPE ENTRY DETAIL
(UNCUFFED/CURVED WALLS)**
NOT TO SCALE



EXTRACTOR-FLOAT VALVE ASSEMBLY DETAIL
NOT TO SCALE



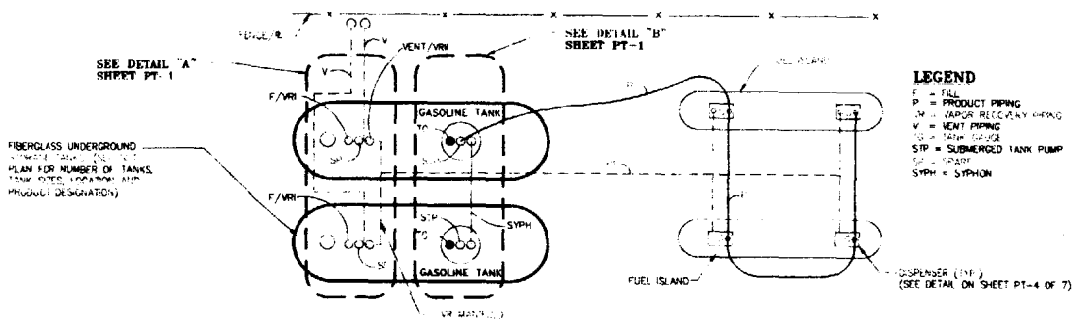
FREESTANDING (PREFERRED)
NOT TO SCALE



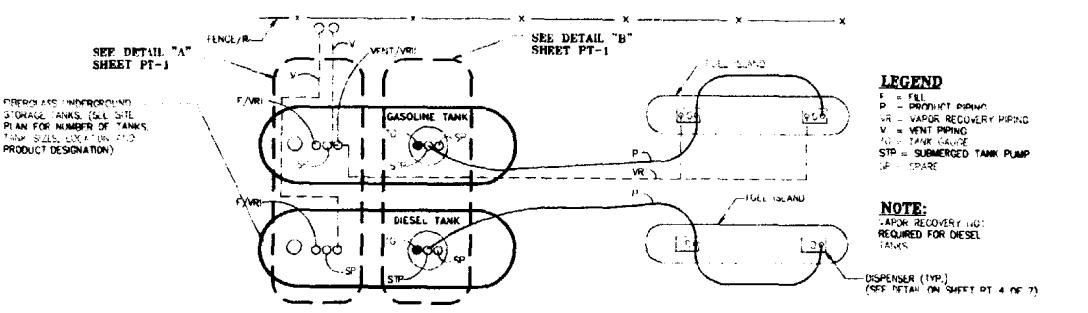
BUILDING MOUNTED

- VENT RISER NOTES:**
1. FREESTANDING VENT RISERS SHOULD BE USED WHEREVER POSSIBLE. (SEE SITE PLAN.)
 2. VENT RISERS SHALL BE MINIMUM 1" NOT LESS THAN 10'-0" MEASURED HORIZONTALLY FROM ANY ELECTRICAL CONNECTION.
 3. WRAP ALL METAL PIPE AND FITTINGS BELOW GRADE WITH "TAP" TAPE 7/8" X 1/2".
 4. ALL TANKS, SODIUM, OR LARGER 3/4" MIN. VENT LINE.

VENT RISER DETAILS
NOT TO SCALE



TYPICAL PIPING SCHEMATIC DUAL SYPHONED TANKS AND DISPENSERS
NOT TO SCALE



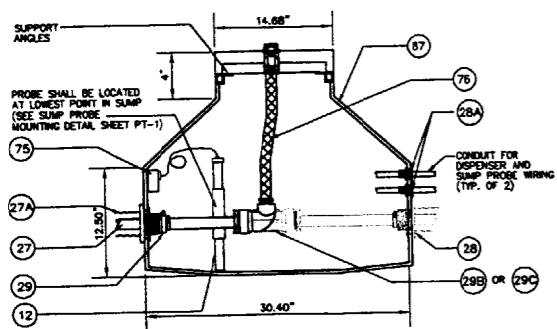
TYPICAL PIPING SCHEMATIC MULTIPLE TANKS AND DISPENSERS
NOT TO SCALE

NO.	REVISION DESCRIPTION	REV. DATE	BY

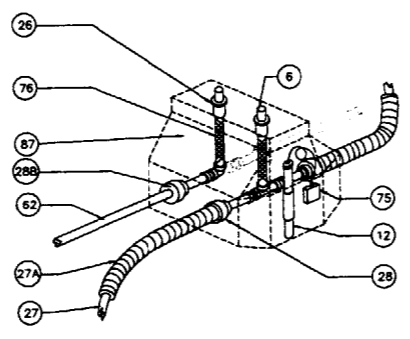
DATE:	5/3/97
PROJECT NO.:	
OPERATION:	
DESIGNED BY:	D.S.R.D./C.B.
DRAWN BY:	R.A.L.
CHECKED BY:	J.P.C.

LOCATION: STANDARD INSTALLATION OF DOUBLE-WALL FIBERGLASS UST'S

SHEET TITLE: DETAILS

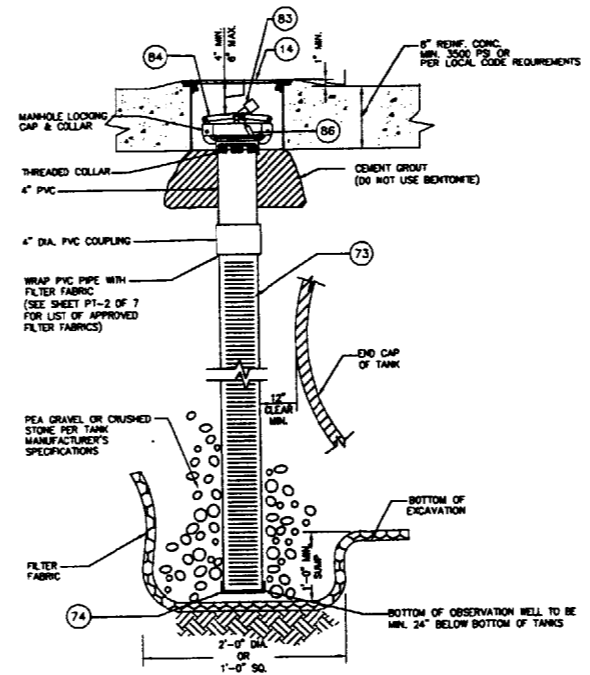


DISPENSER SUMP SECTION
NOT TO SCALE

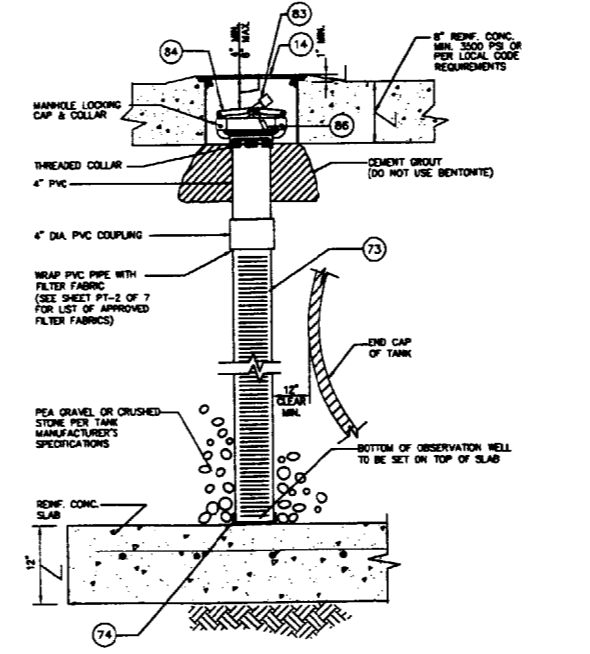


NOTE:
1. SEE DISPENSER SUMP SECTION FOR RISER & "T" CONNECTION.
2. OMIT DETAILS FOR V/R LINE FOR LAYOUTS WITH DIESEL DISPENSERS.

DETAIL SHOWING PRODUCT PIPING
NOT TO SCALE



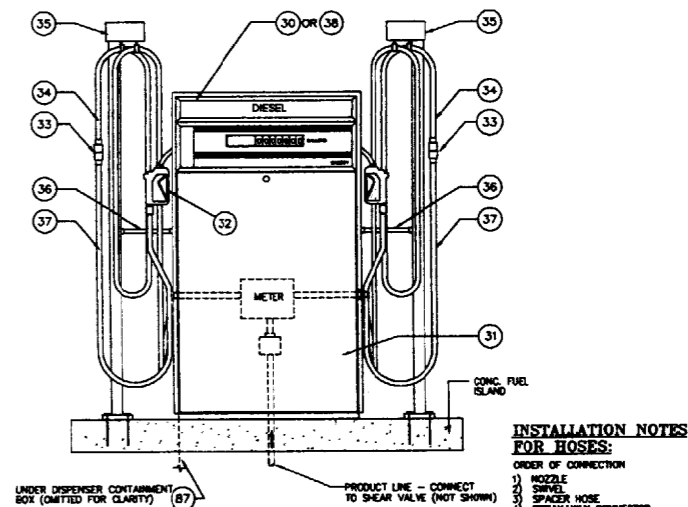
WITH 1'-0" DEEP SUMP



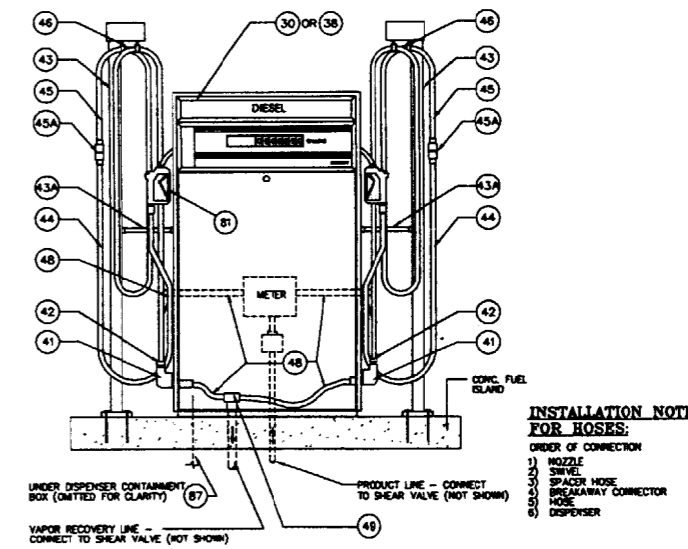
WITH TANKS ANCHORED TO CONCRETE SLAB

- OBSERVATION WELL NOTES**
- (4) 4" DIA. PVC SLOTTED WELL SCREENS (MAX. SLOT .020") WILL BE INSTALLED AS REQUIRED. SLOTS WILL EXTEND TO WITHIN 12" OF GRADE.
 - EXTEND MONITORING WELL A MINIMUM OF 24" BELOW BOTTOM OF TANKS OR RECESSED IN CONCRETE SLAB SUMP.
 - DO NOT PAINT INSIDE MANHOLE.
 - TOP 2' TO BE STANDARD SCH 40 PVC. DO NOT GLUE REDUCERS, CAPS, OR COLLARS WITH PVC SOLVENT ADHESIVE.
 - MIN. TWO WELLS PER TANK AREA OR AS REQUIRED BY LOCAL CODE.

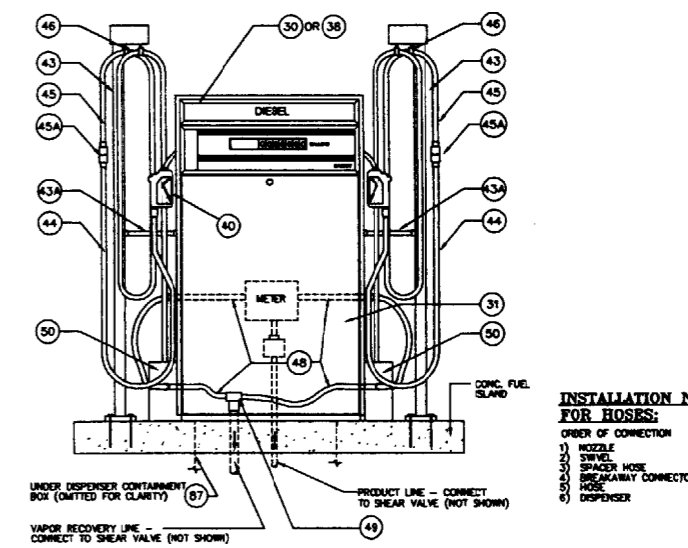
OBSERVATION WELL DETAILS
NOT TO SCALE



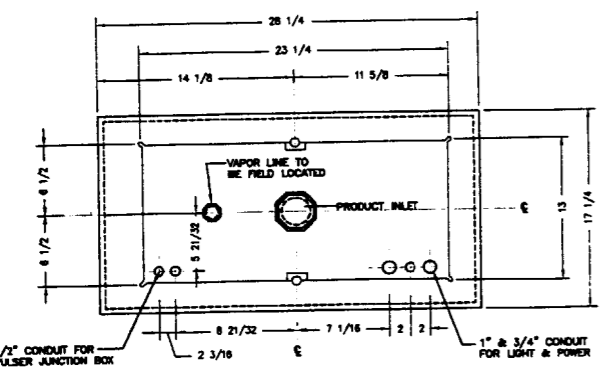
DIESEL DISPENSER INSTALLATION GASBOY 9800A SERIES
NOT TO SCALE



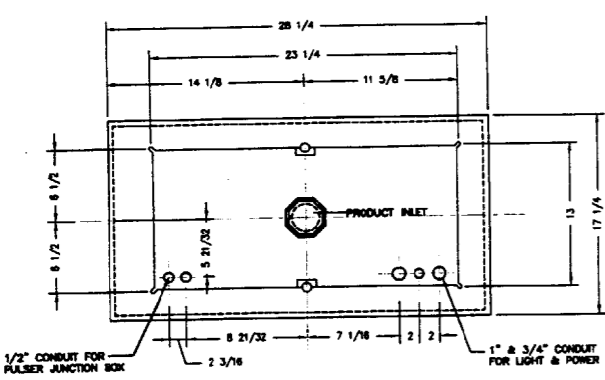
STAGE II VAPOR RECOVERY/DISPENSER INSTALLATION (BALANCE SYSTEM) (DUAL HOSE DISPENSER SHOWN)
NOT TO SCALE



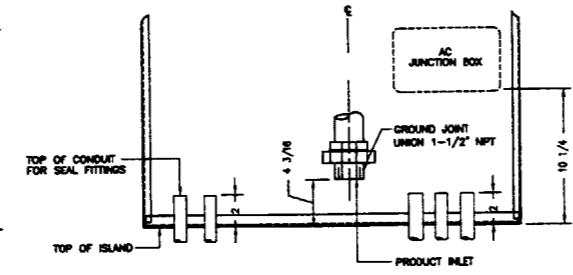
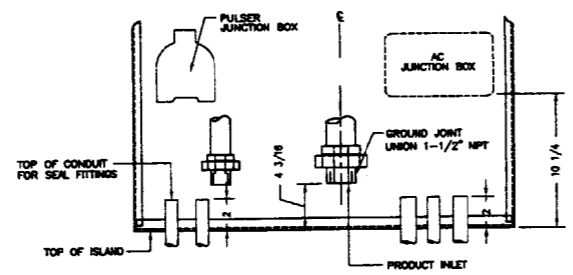
STAGE II VAPOR RECOVERY/DISPENSER INSTALLATION (VAPOR ASSIST SYSTEM) (DUAL HOSE DISPENSER SHOWN)
NOT TO SCALE



(SINGLE PRODUCT - WITH V/R)
BASE DIMENSIONS - GASBOY 9800A SERIES (DUAL HOSE)
NOT TO SCALE



(SINGLE PRODUCT - DIESEL)
BASE DIMENSIONS - GASBOY 9800A SERIES (DUAL HOSE)
NOT TO SCALE



AVIS
CORPORATE FACILITIES

REV. DATE	BY	DESCRIPTION
5/5/97	J.P.C.	FUEL DISPENSER CHANGE TO GASBOY

PROJECT NO.	OPERATION	DATE	5/5/97
DRAWN BY	C.B./D.S.H.D.	PROJECT MGR.	R.A.L.
CHECKED BY	J.P.C.	PROJECT TITLE	STANDARD INSTALLATION OF DOUBLE-WALL FIBERGLASS UST'S
SHEET NO.	7	SHEET TITLE	DETAILS
OF	TANKPT4		

PT-4

EQUIPMENT LISTS

TANK EQUIPMENT LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.			FURNISHED BY	
		OPW	UNIV	OTHER/NOTES	AVIS	CONTR
1	4" TIGHT FILL CAP	634-TT-4"	733-4"	EMCO WHEATON A0097-005 4"	X	
1A	4" EXTRACTOR RISER CAP			EMCO WHEATON A-584-003	X	
2	4" COAXIAL FILL PIPE ADAPTER	83-0066		EMCO WHEATON A0096-001	X	
3	4" COAXIAL FILL TUBE W/ SPRING LOADED SELF-SEALING VAPOR COLLAR & 4" OVERFILL PREV. VALVE			EMCO WHEATON ABB A1100-010	X	
3A	4" FILL TUBE & 4" OVERFILL PREV. VALVE (DIESEL TANK SYSTEM ONLY) (REMOTE FILLS - SEE SITE PLAN)			EMCO WHEATON A20 A1100-010	X	
3B	RESERVED					
4	4" GALV. STEEL RISER W/4" X 4" X 3" X 3" G.S. EXTRACTOR ASSEMBLY & PIPE CAP	233VM-4433				X
5	SUBMERGED TURBINE PUMP 1 1/2 HP OR 3/4 HP 208/230V (SEE SITE PLAN)			RED JACKET MODEL 3/4 FOR DUAL HOSE 1 1/5 FOR QUAD. HOSE 1 1/2-3 STAGE 6 HOSES	X	
5A	TWO SECOND LEAK DETECTOR			RED JACKET 116-058-5 (GAS) 116-058-5 (DIESEL)	X	
5B	PUMP CONTROL BOX (3/4 HP OR 1 1/2 HP) (SEE SITE PLAN FOR STP HP)			RED JACKET 880-041-5	X	
5C	2" FULL PORT BALL VALVE			MCDONALD 2032T-2"	X	
5D	NOT USED					
8	4" CAP AND ADAPTER	82-4"	714-C 4"	EMCO WHEATON A-0632-4"		X
15	12" DIA. MANHOLE W/SKIRT AT BRINE RESERVOIR RISER	104-A1066	60-1280	FIBRELITE FL12	X	
16	BRINE RESERVOIR ID PLATE (4"x6")			FIBRELITE	X	
16A	PRODUCT I.D. PLATE COLOR CODING (6"x6")			FIBRELITE (SPECIFY U/L OR DIESEL)	X	
16B	PIPING SUMP ID PLATE (6"x6")			FIBRELITE	X	
17	36" FIBERGLASS MANHOLE COVER AND SKIRT			FIBRELITE FL36SK-9G	X	
20	RESERVED					
22	4" FIBERGLASS PROBE RISER			AMERON DUALOY 3000L		X
71	42" WATERTIGHT STP SUMP			FLUID CONTAINMENT WTE42	X	
71A	42" SUMP ADHESIVE KIT			FLUID CONTAINMENT KIT AD	X	
72	5 GAL. FILL/SPILL CONTAINMENT FILLBOX W/ MANUAL PULL DRAIN			EBW 705-495 OR FAIRFIELD FISC-5	X	
85	FILL PIPE PRODUCT I.D. TAPE			FIBRELITE (SPECIFY U/L OR DIESEL)	X	
89	3/4" CONDUIT BOOT			CTC MODEL PL3/4		X
90	RESERVED					
91	PRODUCT PIPING BULK HEAD FITTING			CTC MODEL PL3		
92	DWFG UNDERGROUND STORAGE TANK			FLUID CONTAINMENT SIZE PER AVIS REQUIREMENTS	X	
93	STP FLEXIBLE CONNECTOR			HOSEMASTER: FMS 2" x 24" FIRESHIELD FLEX 2" x 24" MS	X	

LEAK DETECTION/MONITORING EQUIPMENT LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.			FURNISHED BY	
		OPW	UNIV	OTHER/NOTES	AVIS	CONTR
9	4" PROBE RISER CAP & RING KIT			VEEDER - ROOT VR 312020-952	X	
10	8" AUTOMATIC TANK INVENTORY GAUGE/PROBE			VEEDER - ROOT VR 847390-107 8" (VERIFY TANK DIA.)	X	
10A	MAG. PROBE INSTALLATION KIT			VEEDER - ROOT VR 849800-000	X	
11	DUAL FLOAT HYDROSTATIC SENSOR (BRINE RESERVOIR SENSOR)			VEEDER - ROOT VR 794380-302	X	
12	SUMP LEAK DETECTION PROBE			VEEDER ROOT VR 794380-208	X	
12A	VISIBLE/AUDIBLE OVERFILL ALARM			VEEDER ROOT 790091-001	X	
12B	ALARM ACKNOWLEDGMENT SWITCH			VEEDER ROOT 790095-001	X	
13	LEAK/INVENTORY CONSOLE W/ PRINTER			VEEDER ROOT TLS-350 (VR 847090-002)	X	
13A	FOUR OUTPUT RELAY MODULE			VEEDER ROOT VR 847490-200	X	
13B	EIGHT INPUT LEAK SENSOR			VEEDER ROOT VR 847490-102	X	
13C	FOUR PROBE / TANK MODULE			VEEDER ROOT VR 847490-104	X	

DISPENSER PAN LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.			FURNISHED BY	
		OPW	UNIV	OTHER/NOTES	AVIS	CONTR
6	1-1/2" CRASH VALVE	10-RMS	521 RMS	IN PREASSEMBLED DISPENSER SUMP	X	
6A	STABILIZER ASSEMBLY			IN PREASSEMBLED TOTAL-CONTAIN SUMP	X	
26	VAPOR SHEAR VALVE		516-1015	IN PREASSEMBLED DISPENSER SUMP	X	
28	3" FLEXIBLE SUMP PIPING BULKHEAD FITTING			TOTAL CONTAINMENT FB 3050	X	
28A	DISPENSER SUMP CONDUIT BULKHEAD FITTING 3/4"			TOTAL CONTAINMENT UB 1075	X	
28B	DISPENSER SUMP RIGID F/G PIPING BULKHEAD FITTING			TOTAL CONTAINMENT FB 2030	X	
29	TEST COUPLING W/ SPLIT REDUCER DONUT			CTC 3X3PS/ 3002P	X	
29A	TRANSITION FITTING			CTC #6001	X	
29B	90° ELBOW FITTING			CTC 6003F	X	
29C	TEE COUPLING			CTC #6005	X	
29D	TERMINATION COUPLING			CTC 3X3P	X	
75	EXPLOSION PROOF JUNCTION BOX AND SEAL FITTING			CROUSE-HINDS/APPLETON OR EQUIVALENT	X	
76	1-1/2"x2" MALE x MALE SWIVEL FIRESHIELD FLEXIBLE CONNECTOR			HOSEMASTER. (PART OF PREASSEMBLED DISPENSER SUMP)	X	
87	SINGLE PRODUCT DISPENSER PAN			TOTAL CONTAINMENT # DFBE-2014	X	
88	RESERVED					

TANK VENT LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.			FURNISHED BY	
		OPW	UNIV	OTHER/NOTES	AVIS	CONTR
7	3" VENT CAP	523S	45	EMCO WHEATON A-4103	X	
7A	3" VENT CAP FOR DIESEL TANK (WHERE REQ'D)	23-0055		MORRISON 548-A	X	
7B	3" GALV. STEEL 90° ELBOW (PROVIDE (2) PER VENT RISER)			AMERON DUALOY 3000 LC	X	
7C	3" FRP BELL X 3" MALE NPT ADAPTOR			AMERON DUALOY 3000 L	X	
24	3" SCH 40 PIPE - GALV. STEEL VENT RISER			ASTM-A-120 ERW STEEL PIPE SCH 40	X	
25	RESERVED					

FLEXIBLE PIPING LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.			FURNISHED BY	
		OPW	UNIV	OTHER/NOTES	AVIS	CONTR
27	2" FLEXIBLE PRIMARY PRODUCT PIPING			CTC #5400	X	
27A	3" FLEXIBLE SECONDARY CONTAINMENT PIPING			CTC #7000	X	
78	3" THREADED ADAPTER BELL X FEMALE			CBA GEIGY DUALOY 3000UL SYSTEM	X	

OBSERVATION WELL LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.			FURNISHED BY	
		OPW	UNIV	OTHER/NOTES	AVIS	CONTR
14	10" DIA. LIMITED ACCESS MANHOLE FOR MONITORING WELLS	104-A0W 1212	65 1212	EBW #810-302	X	
73	4" DIA. SCH 40 PVC SLOTTED OBSERVATION WELL PIPE - 4 ROWS OF .020 SLOTS			HYDROPHLIC IND PUYALLUP, WA 1-800-438-3838	X	
74	4" PVC PIPE CAP (SLIP TYPE)				X	
83	LOCKING WARNING CAP					
84	4" MONITORING WELL CAP			MORRISON BROS. 604XAT	X	
86	AVIS WARNING TAG			BY AVIS	X	

DISPENSER LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.	FURNISHED BY	
			AVIS	CONTR
GILBARCO RAC5921A51 (DIESEL) / GILBARCO RA492A51 - (1) HOSE OR (2) HOSES				
30	SINGLE PRODUCT, DIESEL DISPENSER	GASBOY 9852AXTW1-D2 (DUAL HOSE)	X	
38	SINGLE PRODUCT, DIESEL DISPENSER	GASBOY 9852AX-D2 (SINGLE HOSE)	X	
31	NOT USED	NOT USED	X	
32	DISPENSING NOZZLE W/ ROUND SPLASH GUARD	HUSKY #159404	X	
33	RECONNECTABLE SAFE-BREAK	HUSKY #3360 VR 3/4 F X 3/4 F	X	
34	WHIP HOSE FOR SAFE-BREAK	VST-CP-008	X	
35	HIGH MAST W/ HOSE CLAMP	POMECO 100-6	X	
36	HIGH MAST STABILIZER BRACKET	POMECO 100HL	X	
37	3/4" X 17' HOSE			
GILBARCO RAC5921A51 / GILBARCO RA492A51 (VAPOR ASSIST SYSTEM) - (1) HOSE OR (2) HOSES				
30	SINGLE PRODUCT / DISPENSER	GASBOY 9852AXTW1-D2 (DUAL HOSE)	X	
38	SINGLE PRODUCT / DISPENSER	GASBOY 9852AX-D2 (SINGLE HOSE)	X	
40	VAPOR ASSIST NOZZLE	EMCO A4005/OPW 11AVI	X	
43	HIGH MAST HOSE RETRACTOR W/O CLAMP	POMECO 100-AG	X	
43A	HIGH MAST STABILIZER BRACKET	POMECO 100-HL	X	
44	7'-6" COAXIAL DISPENSER HOSE	VST-IS-090-COAX	X	
45	4'-6" COAXIAL DISPENSER HOSE	VST-IS-054-COAX	X	
45A	RECONNECTABLE SAFE BREAK	HUSKY INVERTED #4034	X	
46	HOSE CLAMP	VSTA	X	
47	RESERVED			
48	VAPOR/PRODUCT JUMPER HOSE	DAYCO 7280BOK-24 3/4" x 24" /FIELD INSTALL	X	
49	COUPLER FOR VAPOR/PRODUCT HOSE	DAYCO 7662-751 / FIELD INSTALL	X	
50	VAPOR RECOVERY ASSIST SYSTEM	OPW VAPOR EZ	X	
GILBARCO RAC5921A51 / GILBARCO RA492A51 (VAPOR BALANCED SYSTEM) - (1) HOSE OR (2) HOSES				
30	SINGLE PRODUCT / DISPENSER	GASBOY 9852AXTW1-D2 (DUAL HOSE)	X	
38	SINGLE PRODUCT / DISPENSER	GASBOY 9852AX-D2 (SINGLE HOSE)	X	
41	SPLITTER VALVE	EMCO A4041-001	X	
42	45 DEGREE COAXIAL SWIVEL	EMCO A4110-001	X	
43	HIGH MAST HOSE RETRACTOR W/O CLAMP	POMECO 100-AG	X	
43A	HIGH MAST STABILIZER BRACKET	POMECO 100-HL	X	
44	7'-6" COAXIAL DISPENSER HOSE	VST-IS-090-COAX	X	
45	4'-6" COAXIAL DISPENSER HOSE	VST-IS-054-COAX	X	
45A	RECONNECTABLE SAFE BREAK	HUSKY INVERTED #4034	X	
46	HOSE CLAMP	VSTA	X	
47	RESERVED			
48	VAPOR/PRODUCT JUMPER HOSE	DAYCO 7280BOK-24 3/4" x 24" /FIELD INSTALL	X	
49	COUPLER FOR VAPOR/PRODUCT HOSE	DAYCO 7662-751 / FIELD INSTALL	X	
81	BALANCED SYSTEM VAPOR NOZZLE	EMCO A4005	X	
82	RESERVED			
83	RESERVED			

FIBERGLASS PIPING LIST

PLAN SYMBOL	DESCRIPTION	MANUFACTURER/MODEL NO.			FURNISHED BY	
		OPW	UNIV	OTHER/NOTES	AVIS	CONTR
61	3" DIA. FIBERGLASS PIPE			AMERON (CIBA-GEIGY) DUALOY 3000/UL PIPING SYSTEM COMPLETE WITH FITTINGS AND C-20HT ADHESIVE OR A.O. SMITH-INLAND, RED THREAD II	X	
62	2" DIA. VAPOR RECOVERY FIBERGLASS PIPE				X	
63	4" THREADED ADAPTER-BELL X MALE				X	
64	3" THREADED ADAPTER-BELL X MALE				X	
65	2" THREADED ADAPTER-BELL X MALE				X	
66	2" - 90° FIBERGLASS ELBOW				X	
67	2" - 45° FIBERGLASS ELBOW				X	
68	2"x2"x2" FIBERGLASS TEE				X	
69	2" DIA. FIBERGLASS NIPPLE				X	
70	FIBERGLASS SLEEVE COUPLING (SIZE TO SLIT PIPE DIA.)				X	
80	3"x3"x3" FIBERGLASS CONTAINMENT TEE				X	

AVIS
CORPORATE FACILITIES

DATE: 5/5/97
 PROJECT NO.:
 OPERATION:
 DRAWN BY: C.B./D.S.H.D.
 PROJECT MGR: R.A.L.
 CHECKED BY: J.P.C.

LOCATION:
 PROJECT TITLE: STANDARD INSTALLATION OF DOUBLE-WALL FIBERGLASS UST'S
 SHEET TITLE: EQUIPMENT LISTS
 SHEET NO.:
PT-5
 OF 7
 TANKPTS1

VEEDER ROOT 30 START-UP PROGRAMMING AVIS SPECIFICATIONS

SET-UP MODE ORGANIZATION

IN THE SET-UP MODE, ENTER SYSTEM INFORMATION AND OPERATING PARAMETERS AS SHOWN BELOW. ALL SET-UP DATA IS ENTERED OR SETUP CHOICES MADE USING THE FRONT-PANEL KEYBOARD.

SYSTEM SETUP MODE	INPUT
SYSTEM LANGUAGE	USE ENGLISH
S-SYSTEM UNITS	USE U.S.
S-DATE	USE CURRENT DATE
S-TIME	USE CURRENT TIME
S-STATION HEADER LINE #1	USE AVIS FACILITY NAME
S-STATION HEADER LINE #2	USE STREET ADDRESS
S-STATION HEADER LINE #3	CITY, STATE, ZIP
S-STATION HEADER LINE #4	USE AREA# - AVIS #
S-SHIFT #1 START TIME	LOCAL MGR. NAME
S-PERIODIC TEST WARNINGS	ENABLED
S-PERIODIC TEST WARNINGS DAYS	23
S-PERIODIC TEST ALARM DAYS	26

COMMUNICATION SETUP DATA	INPUT
S-RS-232 EXTERNAL COMMUNICATIONS SECURITY CODE	INSTALL IF REQUIRED (Refer to project manager)
S-RS-232 DTD OF MESSAGE	ENABLED (Refer to project manager)

IN-TANK SETUP DATA	INPUT
S-TANK CONFIGURATION MODULE #1	TOP IN-TANK PROBE(S) TO 4 (Verify that module is installed)
S-PRODUCT CODE	MOTOR OIL WASTE OIL DIESEL 1 U./I. GASOLINE
S-Coefficient of Thermal Expansion	ENTER 0.00070-GASOLINE ENTER 0.00045-DIESEL ENTER 0.00047-WASTE OIL
S-TANK DIAMETER	ENTER "BUILT, INSIDE DIAMETER" OR EXACT TANK CHART "FULL" DIAMETER
S-TANK PROFILE	4 POINTS (PIREGLASS TANK)
S-FULL VOLUME	MANDATORY CALLING F.C. - SEE TANK MANUFACTURER'S CHART
S-ADDITIONAL VOLUMES	DIAMETER VOLUMES, 25% SOL, 75% SOL, 4 POINTS
S-FLOAT SIZE	4 INCHES
S-DIP O CONDUCTOR BOOT	NO
S-WATER WARNING LIMIT	1.5 INCHES
S-HIGH WATER ALARM LIMIT	2.5 INCHES
S-MAXIMUM OIL LABEL VOLUME	97% 80%
S-OVERFILL LIMIT %	85% OR 91% FOR WASTE OIL
S-HIGH LEVEL LIMIT %	12%
S-DELIVERY LIMIT %	10% OF TANK VOLUME
S-LOW LEVEL LIMIT	2% OIL
S-LEAK ALARM LIMIT	50 OIL
S-SUDDEN LEAK LIMIT	PROGRAM ONLY WHEN PROBE IS NOT INSTALLED IN CENTER OF TANK
S-TANK TILT	IDENTIFY MANIFOLDED TANKS NA ONLY
S-MONITORED STATUS	NA ONLY
S-LEAK MINIMUM ANNUAL	1 MINUTE
S-DELIVERY REPORT DELAY TIME	

IN-TANK LEAK TEST SETUP DATA	INPUT
S-TEST METHOD	ALL TANKS
S-TEST FREQUENCY	MONTHLY WEEK, DAY
	15 DAY

LIQUID SENSOR SETUP DATA	INPUT
S-SENSOR CONFIGURATION MODULE #1	SEE MANUAL FOR LIQUID SENSING SETUP
S-SENSOR LOCATION	MARK IN BOOK OF TLS 300
S-CATEGORY	-HYDROSTATIC -DISPENSER PAN -STP SUMP
S-RELAY CONFIGURATION MODULE #1	YES, HYDROSTATIC YES YES
S-RELAY TYPE	STANDARD BY TANK
S-RELAY ASSIGNMENTS (FOR EACH RELAY)	OVERFILL ALARMS WHERE REQUIRED IN-TANK ALARMS ALL TANKS

LINE DISABLE SETUP DATA	INPUT
LIQUID SENSOR ALARMS - ALL Sumps	YES

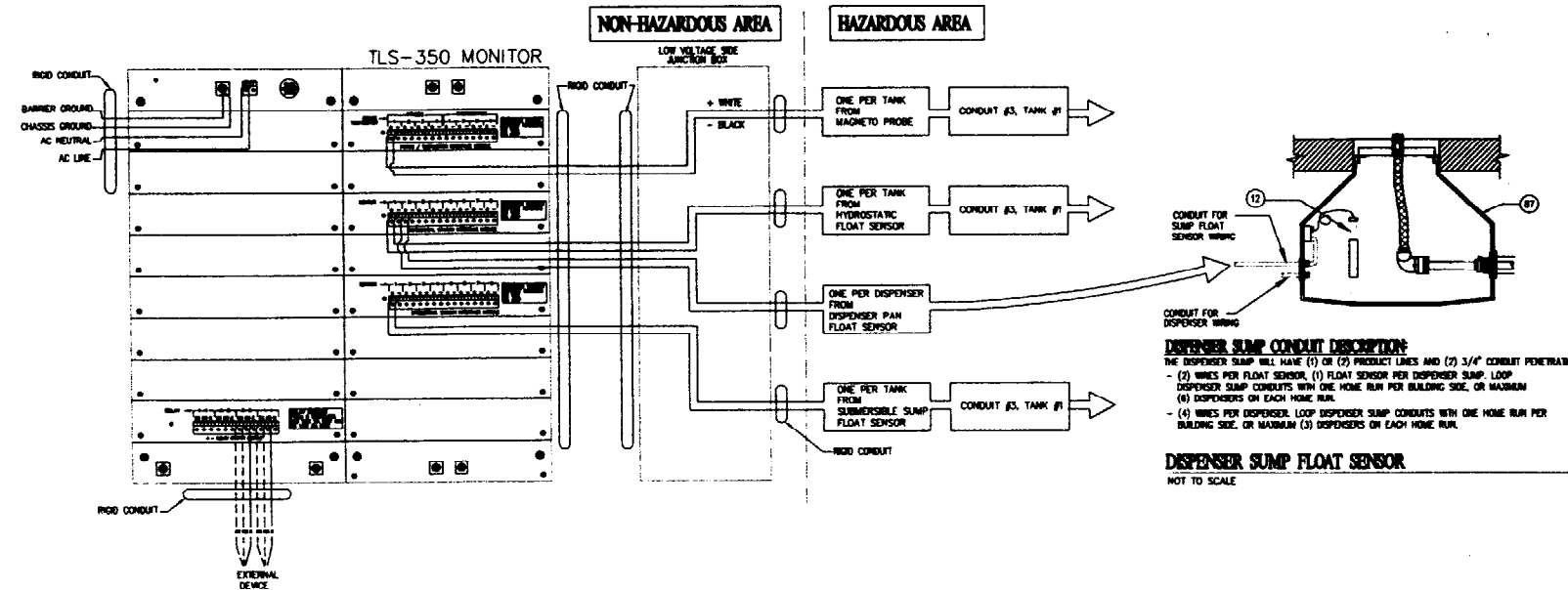
CONTRACTOR NAME _____ COMPANY NAME _____

ADDRESS-PHONE # _____

START-UP PERSON - SIGN WHEN COMPLETED _____ DATE _____
CONTRACTOR/START-UP TECHNICIAN

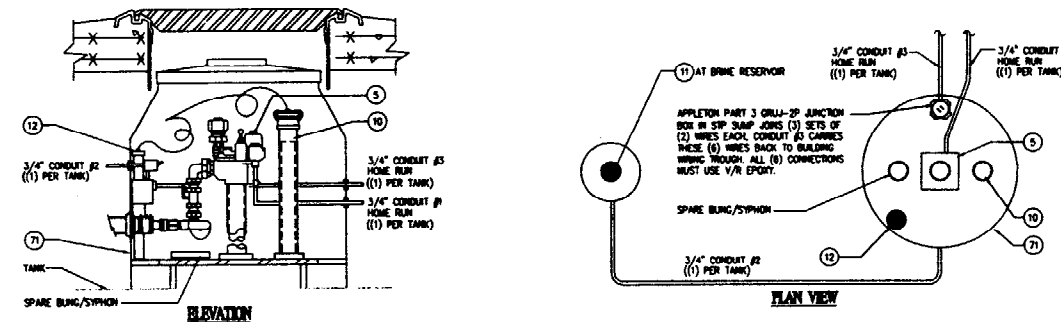
START-UP PERSON - TRAINING OF OPERATOR - SIGN WHEN COMPLETED _____ DATE _____
AVIS OPERATOR - SIGNATURE

NOTES: - ATTACH COPY OF COMPLETED VEEDER ROOT START-UP FORM.
- CONTRACTOR SHALL COMPLETE ORIGINAL COPY OF VEEDER ROOT START-UP FORM, SIGN WHERE REQUIRED AND SUBMIT ORIGINAL & (2) TWO COPIES TO AVIS PROJECT MANAGER PRIOR TO COMPLETION OF PROJECT.



VEEDER ROOT TLS-30 CONSTRUCTION DIAGRAM

NOT TO SCALE



STP SUMP CONDUIT DESCRIPTION:
THE SUBMERSIBLE SUMP WILL HAVE (1) PRODUCT LINE AND (3) 3/4" CONDUIT PENETRATIONS:
#1 - A 3/4" INWD CONDUIT SHALL BE RUN FROM THE STP TO THE BUILDING WIRING TROUGH AND WILL CONTAIN THE STP WIRING (HIGH VOLTAGE).
#2 - A 3/4" INWD CONDUIT SHALL BE RUN FROM THE HYDROSTATIC RESERVOIR TO THE STP SUMP AND IT WILL CONTAIN THE WIRING FOR THE HYDROSTATIC FLOAT SENSOR.
#3 - A 3/4" INWD CONDUIT SHALL BE RUN FROM THE STP SUMP TO THE BUILDING WIRING TROUGH AND WILL CONTAIN (3) SETS OF (2) WIRES:
- (2) FROM CONDUIT #2 (HYDROSTATIC SENSOR)
- (2) FROM MAG PROBE
- (2) FROM STP SUMP FLOAT SENSOR

CONDUIT LAYOUT AT TANK

NOT TO SCALE

NOTES

1. WIRING TO PROBES AND SENSORS MUST BE GAS AND OIL RESISTANT SIZES FROM AWG NO. 18 TO AWG NO. 14. BARRIER GROUND WIRING MUST BE AWG NO. 12 OR LARGER.
2. CONNECT THE BARRIER GROUND TO THE EARTH GROUND BUS AT THE POWER DISTRIBUTION PANEL WITH AWG NO. 12 AWG (OR LARGER) CONDUCTOR.
3. FIELD WIRING CONNECTION TO BE INSTALLED WITH WATERPROOF CONNECTORS SUPPLIED WITH THE PROBE(S) AND SENSOR(S).
4. INTRINSICALLY SAFE WIRING SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 504-20 OF THE NEC AND NFPA 70, 1980.
5. TO MAINTAIN INTRINSIC SAFETY AND PROPER SYSTEM OPERATION, PROBE AND SENSOR WIRING MUST BE INSTALLED WITHIN SEALED CONDUIT.
6. ELECTRICAL RATING POWER INPUT -120VAC, 50/60 HZ, 600 WHYS MAX.
7. REFER TO "SITE PREPARATION AND INSTALLATION INSTRUCTIONS" MANUAL NO. 576013-622 FOR ACTUAL LOCATION OF CONDUIT ENTRY INTO TLS-350 MONITOR.
8. RS-232 MODULE IS LOCATED IN THE COMMUNICATIONS COMPARTMENT AND MUST BE ORDERED SEPARATELY.

WARNING: IN INSTALLATION AND USE OF THIS PRODUCT, COMPLY WITH THE NATIONAL ELECTRICAL CODE, FEDERAL, STATE AND LOCAL CODES. IN ADDITION, TURN OFF POWER AND TAKE OTHER NECESSARY PRECAUTIONS DURING INSTALLATION, SERVICE AND REPAIR TO PREVENT PERSONAL INJURY, PROPERTY LOSS AND EQUIPMENT DAMAGE.

WARNING: DISCONNECT ALL POWER BEFORE MAKING ANY CONNECTIONS TO PREVENT DEATH, SERIOUS INJURY, EXPLOSION OR ELECTRICAL SHOCK. MONITOR MUST NEVER BE OPERATED UNLESS THE FRONT COVER IS CLOSED OVER THE BARRIER TERMINALS IN THE INTRINSICALLY SAFE AREA.

AVIS

CONDUIT

NO.	REVISION DESCRIPTION	DATE	BY

DATE: 5/9/87
PROJECT NO.:
OPERATOR: B. J. ADY/C.E.
DESIGNED BY: B. J. ADY/C.E.
CHECKED BY: J. P. ...

LOCATION: _____

PROJECT TITLE: STANDARD INSTALLATION OF DOUBLE-WALL, FIBREGLASS UST'S

SHEET NO. _____

SHEET NO. **PT-6** OF 7

I STORAGE TANK SOIL EXCAVATING PRACTICES

A. CONTAMINATED SOILS

CONTAMINATED SOILS MAY BE ENCOUNTERED IN THE TANK, PIPE TRENCH, AND ISLAND AREA. IT IS IMPORTANT TO MINIMIZE CONTAMINATED SOIL EXCAVATION AND DISPOSAL DURING UNDERGROUND STORAGE TANK (UST) REPLACEMENTS AND NEW INSTALLATIONS. THE FOLLOWING PRACTICES SHALL BE EMPLOYED TO ACHIEVE THIS GOAL:

- THE SIZE OF THE TANK EXCAVATION SHALL BE THE MINIMUM REQUIRED TO CONTAIN THE NEW UST'S PLUS ANY SLOPING NECESSARY TO STABILIZE THE SIDES OF THE EXCAVATION. TANK INSTALLATION STANDARDS SPECIFY 24 INCHES OF CLEARANCE AROUND AND 12 INCHES BENEATH ALL TANKS. FURTHERMORE, ALL TANK TYPES SPECIFIED BY AHS REQUIRE 24 INCHES OF CLEARANCE BETWEEN TANKS.
- EXCAVATED SAND, PEA GRAVEL, OR OTHER SOIL SUITABLE AS DETERMINED BY AN AHS PROJECT MANAGER/ENVIRONMENTAL CONSULTANT FOR BACKFILL (WHETHER OR NOT THEY CONTAIN PETROLEUM HYDROCARBONS) SHALL BE STORED AT SITE. THE MATERIAL SHALL BE REUSED AS BACKFILL IN THE TANK EXCAVATION TO THE MAXIMUM EXTENT POSSIBLE. BACKFILL WHICH CONTAINS PETROLEUM HYDROCARBONS SHOULD PREFERABLY BE PLACED BACK IN THE EXCAVATION AREA AT THE TOP OF THE EXCAVATION TO ENHANCE NATURAL BIODEGRADATION.

- USE OF CONTAMINATED SOIL AS FILL OR GRAZING MATERIAL MAY NOT BE ROUTINELY ALLOWED BY SOME LOCAL OR STATE REGULATORS. WHERE THIS IS THE CASE, THE AHS PROJECT MANAGER/ENVIRONMENTAL CONSULTANT WILL NEED TO OBTAIN APPROVAL FOR THIS PRACTICE PRIOR TO START OF THE TANK EXCAVATION PROJECT.
- ANY ASPHALT OR CONCRETE MAT OVER THE TANK OR PIPE TRENCH AREAS SHALL BE CAREFULLY REMOVED AND SEPARATED FROM EXCAVATED SOIL. HARD OR SHARP MATERIAL, SUCH AS CONCRETE AND ASPHALT FRAGMENTS AND LARGE STONES, SHALL NOT BE INCORPORATED WITH BACKFILL MATERIAL AS THEY MAY DAMAGE OR BRUISE ITS PROTECTIVE COATING. DIRTWAY COMPONENTS SHALL BE DISPOSED WITH OTHER NON-CONTAMINATED MATERIAL.

- EXCAVATED CONTAMINATED SOILS WHICH CANNOT BE REPLACED IN THE TANK EXCAVATION SHALL BE USED AS BACKFILL IN OTHER AREAS OF THE SERVICE STATION, OR AS GRAZING MATERIAL AS NEEDED.

B. EXCAVATIONS

ALL EXCAVATIONS TO BE SIZED TO PROVIDE MINIMUM BEDDING, CLEARANCES, AND DEPTH OF BURIAL, AS DISCUSSED IN "SOILS" AND SHOWN, TO ALLOW PIPE TO HAVE MINIMUM OF 1/8 INCH PER FOOT SLOPE FROM THE DISPENSERS TO THE TANKS.

CONTRACTOR WILL ADHERE TO ALL O.S.H.A. STANDARDS ON EXCAVATIONS. CONTRACTOR MAY SELECT ANY OF THE RECOMMENDED PRACTICES FOR TANK EXCAVATION AND MUST PROVIDE ALL NECESSARY PROTECTIVE BARRICADES.

TRADITIONAL METHODS

- CUT BACK OF UPPER SIDE WALL, EXCEPT LOWER FOUR FEET.
- LAY SHEET PILING OUT BACK TWO FEET ON SIDEWALLS AND LAY STEEL SHEETING ON TOP.
- SHEET PILING LEFT IN PLACE OR REMOVED.
- POLE PILING, CLOSE CENTERS FOR SOIL STABILIZATION OR WIDE SPACING WITH NETTING, PLYWOOD, OR METAL.
- CONDITIONED STATE AREA ENTRY PERMITTED EIGHT FEET FROM SIDEWALLS.
- AND OTHER O.S.H.A. APPROVED METHODS.

CONTRACTOR IS RESPONSIBLE FOR DETEMERING THE EXCAVATION DURING CONSTRUCTION AND PROTECTION OF THE HOLE FROM RAIN RUNOFF WITH EARTH BERM.

GASOLINE OR WATER IS CONSIDERED SUITABLE FOR BALLAST IN TANKS DURING INSTALLATION. CASE SHALL PREVAIL. PROPER 12 FOOT HIGH VENT PIPE MUST BE USED FOR BOTH WATER AND GASOLINE BALLAST.

ALL PIPE, WRENCHES AND PUMP ISLANDS SHALL BE BACKFILLED WITH CLEAN AND OR PEA GRAVEL, EXCEPT AS NOTED IN CONTAMINATED SOILS ABOVE. (SEE SAND NOTE BELOW).

C. BACKFILL TO CONFORM TO THE FOLLOWING:

- PEA GRAVEL - NATURALLY ROUNDED AGGREGATED NOMINAL 1/4 INCH (1/8 INCH MIN, 3/8 INCH MAX) IN SIZE AND CONTAINING NO CLAY, SLAG, CINDERS, OR DEBRIS.
- SAND - UNIFORMLY GRADED INERT GRANULAR PARTICLES NO MORE THAN 3/8 INCH IN SIZE WITH NO MORE THAN 8 PERCENT PASSING A #200 SIEVE. FINES SHALL BE NON-PLASTIC AND MATERIAL SHALL CONTAIN NO CLAY, SLAG, CINDERS, OR DEBRIS.

CAUTION: SAND MAY BE USED ONLY WHEN IT IS COMPATIBLE WITH ADJOINING SOIL, SO AS NOT TO ALLOW SOIL MIGRATION.

NOTE: UNDER NO CIRCUMSTANCES SHALL DIRT, CINDERS, BROKEN CONCRETE OR ASPHALT, BUILDING RUBBLE, WOOD, OTHER ORGANIC MATERIAL, AND ESPECIALLY CONSTRUCTION WASTES BE ALLOWED TO REMAIN IN THE EXCAVATED AREA.

II. TANKS

THE TANKS ARE DOUBLE WALL CONSTRUCTION WITH 200 MIL EXTERIOR FRP. THE EXTERIOR FRP IS CONSTRUCTED SO AS NOT TO BOND WITH THE INTERIOR TANK.

- TANKS HAVE 28 INCH MERCURY VACUUM APPLIED TO THE INTERSTICE AT THE FACTORY. AFTER DELIVERY IT MAY SHOW 25 INCH +/- VACUUM. IF VACUUM GOES BELOW 20 INCH MERCURY DURING INSTALLATION, CONTACT THE MANUFACTURER IMMEDIATELY TO ASSIST IN AN INVESTIGATION. TANKS WILL BE DELIVERED WITH A FACTORY INSTALLED, AFS ROMAN MODEL JT-2V SENSOR AND GAUGE SET TO CLOSE A SWITCH AT 0.5 INCH VACUUM OR LESS.

- THE SWITCH WIRING WILL INTERFACE WITH A V/M TJS-340, RED JACKET PPH 4000 OR 9000, AND E/W EDO SYSTEMS. THIS WIRING CAN RUN IN THE SUMP SENSOR CONDUIT OR THE ELECTRONIC TANK LEVEL GAUGE CONDUIT.

- TANKS WILL BE INSTALLED WITH ZERO SLOPE, DEAD LEVEL.
- SEE BALLAST NOTE IN EXCAVATION SECTION.
- HOLD DOWN STRAPS/ANCHORING IS REQUIRED.

III. TANK OBSERVATION WELLS

- THE OBSERVATION WELLS ARE TO BE INSTALLED AT THE TIME OF TANK BACKFILLING. DO NOT DRILL AFTER INSTALLATION.
- THE MANHOLE COVER MUST BE BOLTED AND BE PERMANENTLY MARKED AS AN MONITORING PORT. SEE EQUIPMENT LIST FOR MODEL #.

IV. PIPE

- A. PERMA-FLEXIBLE DOUBLE WALL PIPING
 - MANUFACTURED BY CONTAINMENT TECHNOLOGIES CORP., (612) 881-0072 OR FAX (612) 881-4811.

INSTALLATION INSTRUCTIONS:

1. DETERMINE PROPER "SERIES LAYOUT" FOR PERMA-FLEX DOUBLE-WALL (OR SINGLE WALL) PIPING SYSTEM.
2. IMPORTANT: AIR TEST FLEXIBLE SECONDARY PIPE COILS UPON DELIVERY TO ENSURE NO DAMAGE HAS OCCURRED IN TRANSIT. THIS CAN BE ACCOMPLISHED BY ATTACHING A SIMPLE ASSEMBLY OF 2 INCH RIGID (FIBERGLASS) PIPE WITH 3" X 2" TEST COUPLINGS ON EACH END TO THE TWO OPEN ENDS OF THE FLEXIBLE SECONDARY PIPE COIL. PRESSURIZE TO 5 P.S.I. FOR A DURATION OF 30 MINUTES. SOAP TEST ANY APPARENT DAMAGE.
3. ROLL OUT PERMA-FLEX PRIMARY PIPE BETWEEN ANY TWO POINTS (I.E. TANK SLUMP AND DISPENSER SLUMP) IN THE PIPING SYSTEM. CUT PERMA-FLEX TO REQUIRED LENGTH USING PLASTIC PIPE CUTTER (OR HAND SAW).
4. ONCE CORRECT MEASUREMENTS ARE MADE AND PERMA-FLEX PRIMARY PIPE IS "DRY FITTED", MEASURE AND CUT SECONDARY PIPE TO LENGTH WITH HAND SAW. INSTALL FLEXIBLE SECONDARY PIPE BY SLIDING IT OVER THE PERMA-FLEX PRIMARY.
5. INSTALL PERMA-FLEX PRIMARY PIPE INTO TANK AND DISPENSER SUMP. POSITION TERMINATION AND TERMINATION TEST COUPLINGS ON PRIMARY PIPE. ATTACH METAL FITTINGS. NOTE: BE SURE PRIMARY PIPE IS INSERTED ALL THE WAY INTO FITTING PAST COMPRESSION RING BY MEASURING DEPTH OF FITTING AND MARKING PIPE. USE TWO TWO-FOOT WRENCHES TO COMPLETELY TIGHTEN NUT (200 FT./LBS.). NOTE: TWO OR FEMER THREADS SHOULD BE SHOWING WHEN COMPLETED.
6. IMPORTANT: METAL FLEX CONNECTORS SHOULD BE USED INSIDE OF ALL DISPENSER SUMP TO CONNECT PERMA-FLEX PRIMARY PIPE TO SHEAR VALVES. RIGID METAL PIPE SHOULD BE USED EXCLUSIVELY IN TANK SUMP TO CONNECT PERMA-FLEX TO SUBMERSIBLE PUMPS.
7. INSTALL FLEXIBLE SECONDARY PIPE INTO TANK AND DISPENSER SUMP BY PUSHING IT THROUGH THE PERMA-LOCK ENTRY FITTINGS. NEXT, TIGHTEN ENTRY FITTINGS DOWN ONTO THE SECONDARY. CORRECT TERMINATION OR TERMINATION COUPLING TO PRIMARY AND SECONDARY PIPES INSIDE TANK SUMP AND DISPENSER SUMP.
8. PROCEED TO NEXT SEGMENT IN PIPING SYSTEM. REPEAT STEPS 3 THROUGH 7 ABOVE.
9. AIR TEST EACH PERMA-FLEX PRIMARY PIPE LINE TO 60 P.S.I. FOR 15 MINUTES. THIS PRE-TEST WILL DETERMINE IF THE PRIMARY COUPLINGS WERE ATTACHED PROPERLY. EACH PIPING RUN MUST BE PRE-TESTED IN THIS MANNER PRIOR TO INSTALLING THROUGH SECONDARY.
10. AIR TEST EACH INDIVIDUAL SEGMENT OF FLEXIBLE SECONDARY PIPE TO 5 P.S.I. (NOTE: AIR TEST ON SECONDARY PIPE SHOULD NOT EXCEED 60 MINUTES).
11. IN COLDER WEATHER (BELOW 40 DEGREES F), PERMA-FLEX WILL BE EASIER TO WORK WITH IF WARMED UP BY LOOSELY ATTACHING A METAL FITTING TO ONE END AND BLOWING HOT AIR THROUGH THE METAL FITTING INTO THE PIPE COIL.
12. LOCAL AND NATIONAL CODES MUST BE FOLLOWED REGARDING INSTALLATION AND BURIAL.
13. CONTACT YOUR LOCAL CTC REPRESENTATIVE IF FURTHER INFORMATION IS REQUIRED.

B. SMITH FIBERGLASS PRODUCTS, INC. (RIGID FIBERGLASS)

• PRIMARY - RED THREAD (R) 8A PIPE AND RED THREAD B FITTINGS. UL LISTED FOR ALCOHOL-GASOLINE MIXTURES. JOIN ONLY WITH SMITH FIBERGLASS PRODUCTS, INC. ADHESIVES DS-8014, DS-8024, DS-8055, OR DS-4024 IN ACCORDANCE WITH MANUAL NO. B-2180.

• SECONDARY - RED THREE B FITTINGS, UL LISTED FOR RE-THREAD (R) 8A PIPE AND ALCOHOL-GASOLINE MIXTURES. JOIN ONLY WITH SMITH FIBERGLASS PRODUCTS, INC. ADHESIVES DS-7014, DS-7008, DS-8014, DS-8055 OR DS-8058 IN ACCORDANCE WITH MANUAL NO. B-2160.

C. AMERON (RIGID FIBERGLASS)

• PRIMARY - AMERON (CBA-BEOT) DURALLOY 3000-L, WITH A 20 LT. TWO PART ADHESIVE AND ONLY BLACK FITTINGS.

• SECONDARY - AMERON CONTAINMENT FITTINGS UP TO 4" DIA. CAN USE A 20 LT. ADHESIVE. FITTINGS 6" DIA. REQUIRE THE RPSAC ADHESIVE.

• USE INSTALLATION BULLETINS NOTED OR LATER ISSUE. PRIMARY PIPE - BULLETIN 7501 (FP104B) (FEB. 1992) SECONDARY PIPE - BULLETIN 8702 (FP264F) (JUN. 1992)

- DO NOT USE: RPSAC, C-2HT, OR SC-10 2-PART ADHESIVE
- DO NOT USE: STANDARD DURALLOY "RED" FITTINGS

NOTE: APPLICABLE FOR BOTH FRP PIPE SYSTEM MFG.

• ALL FIBERGLASS PIPE MUST HAVE MIN. 6" BED, 6" SIDEWALL AND 10" MIN. COVER OF SAND OR 1 1/2" TO 3/8" PEA GRAVEL BACKFILL. THE COVER DOES NOT INCLUDE THE TYPICAL 7" CONCRETE OR 2" ASPHALT WITH 10" STONE.

D. METAL PIPE

STEEL PRIMARY PIPE MAY BE USED IN CONJUNCTION WITH FLEXIBLE PIPE LISTED AND THESE DRAWINGS CAN BE USED IF FOR ANY REASON SINGLE WALL STEEL PIPE IS DESIRED. SUMP AND DISPENSER PANS WILL BE A DERIVED TO AND SINGLE WALL TANKS ARE NOT AN ACCEPTABLE OPTION. THE METAL PIPE SPECIFICATION IS AS FOLLOWS:

- WHEATLAND TUBE - BLACK STEEL, CONTINUOUS WELD SPEC. CH-53 SCHEDULE 40, 8-TU-COAT, EXTRUDED POLYETHYLENE (1/2" THRU 2", 25-MIL, 3" AND 4", 35-MIL). ALL JOINTS PRIMED POLYKON P-27, THEN TAPED WITH POLYKON 826 POLYETHYLENE TAPE.
- ALTERNATE TO ABOVE WOULD BE ERW OR SEAMLESS PIPE AND TYPE I HEAT SHRINK AS MANUFACTURED BY AUSTIN ENGINEERING ON ALL PIPE JOINTS IN LIEU OF TAPED JOINTS.

ALL METAL PRODUCT LINE FITTINGS SHALL BE MALLEABLE IRON GLASS 150 (250PSI RATING). FITTINGS OUTSIDE SUMP, JACKETS, OR SECONDARY CONTAINMENT PIPING SHALL BE COATED AND WRAPPED. ALL FITTINGS EXPOSED TO SOIL MUST ALSO BE PROTECTED WITH SACRIFICIAL ANODES, MIN. 17-LBS.

ALL SOLDERED FITTINGS, JOINTS, AND PLUG CONNECTIONS SHALL BE LIQUID TEFLOM JOINT COMPOUND AND TIGHTENED UNTIL SEALED. ONLY METHANOL, ETHANOL, AND GASOLINE RESISTANT COMPOUND CAN BE USED. SUCH PRODUCT AS MADE BY FEDERAL PROCESS, INC.

E. VAPOR RECOVERY PIPING

- VAPOR PIPING SHALL BE SMITH FIBERGLASS OR AMERON FRP HARD PIPE.

V UNIONS

ALL UNIONS SHALL BE MINIMUM CLASS 250. IF THE UNION JOINS FIBERGLASS PIPE, OR IF THE ATTACHED METAL PIPE AND/OR FITTINGS DO NOT TOUCH SOIL OR BACKFILL, DIELECTRIC UNIONS ARE NOT REQUIRED. ON DETAILS SHOWN ON THESE DRAWINGS, ESPECIALLY AT THE DISPENSER AND SUBMERSIBLE, DIELECTRIC UNIONS ARE NOT REQUIRED.

VI. TANK MEASUREMENTS

IT WILL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ASSIGN THE PROPER PERSONNEL TO COMPLETE THE FOLLOWING SEQUENCE TO GET ACTUAL TANK MEASUREMENTS TO THE PLACARD ON THE TANK LEVEL GAUGE CONSULE IN THE BUILDING.

1. THE TANK MANUFACTURER SHOP MEASURES THE TANK AT THE SHOP. HE MFG. MARKS THE TANK WITH DIMENSIONS (INTERIOR AND EXTERIOR) AND ALSO FURNISHES PAPER TO ASSOCIATE THE SERIAL # WITH THE TANK SIZE (ACTUAL SHOP MEASUREMENTS).
2. THE TANK INSTALLATION CONTRACTOR THEN MEASURES THE ACTUAL EXTERIOR SIZE FOR CONFIRMATION, AND TO COORDINATE THE SIZE, SERIAL NO., PRODUCT INSTALLED, AND THE POSITION OF THAT TANK ON THE AS-BUILT PLOT PLAN.
3. THIS DATA THEN MUST BE TRANSFERRED TO THE ELECTRICAL CONTROL BOX OF THE TANK LEVEL GAUGE.
4. PROVIDE THE TOP OF THE TANK ELEVATION READING AT BOTH ENDS OF EACH TANK.

VII. TESTING

TANKS AND LINES SHALL BE TESTED, INSTALLED, AND BACKFILLED ACCORDING TO MANUFACTURER'S INSTALLATION AND ACCORDING TO REQUIREMENTS GIVEN HEREON.

• CONTRACTOR TO PERFORM AND PROVIDE TO AHS PROJECT MANAGER DOCUMENTATION OF ALL WARRANTY VALIDATION TESTING REQUIRED BY MANUFACTURER OF BOTH TANKS AND PIPING.

• THE TANKS ARE SHIPPED WITH 25" MERCURY VACUUM APPLIED AT THE FACTORY. CARE IN INSPECTION SHOULD BE TAKEN IF VACUUM WOULD GO BELOW 20" MERCURY DURING INSTALLATION AND PIPING WORK. NOTIFY THE MANUFACTURER IMMEDIATELY TO ASSIST IN THE INVESTIGATION.

• AT ANY TIME AFTER FINAL INSTALLATION TESTING THE VACUUM DROPS BELOW 20" MERCURY IT SHOULD NOT BE CONSIDERED ALARMING. HOWEVER, NOTIFY AHS PROJECT MANAGER FOR FURTHER INVESTIGATION. THE ELECTRONIC ALARM VACUUM SWITCH CLOSURES AT 0.5" MERCURY.

• AFTER ALL PRIMARY PIPING AND SECONDARY PIPING IS IN PLACE, AIR PRESSURE TEST THE PRIMARY PIPE FOR 30 MINUTES MINIMUM UNDER 50 PSI PRESSURE WHILE SOAPING ALL JOINTS. ONCE ALL PRIMARY JOINTS ARE PROVEN TIGHT, INSTALL THE TEST DOWNS INTO THE COMPRESSION SEALS AND AIR TEST THE SECONDARY PIPING TO 3 PSI FOR 15 MINUTES.

• ONCE THE FINAL TEST IS PERFORMED TO THE SATISFACTION OF THE LOCAL AHS PROJECT MANAGER, REMOVE THE AIR PRESSURE ON THE SECONDARY PIPE AND SLOPE THE TEST DOWNS BACK 2 INCHES.

• VAPOR RECOVERY LINES SHALL BE TESTED FOR 30 MINUTES MINIMUM UNDER 50 PSI PRESSURE WHILE SOAPING ALL JOINTS.

• VAPOR RECOVERY PIPING MUST PASS ALL C.A.R.B. TESTING RELATIVE TO TIGHTNESS, NON-TRAPPING, AND NET AND DRY PRESSURE DROP STANDARDS. (BLOCKAGE TEST).

• BACKFILL MAY NOT BE COMPLETED UNTIL PRESSURE TESTS ARE SUCCESSFULLY COMPLETED. THIS FINAL INSTALLED SOAP TEST WILL BE DONE IN THE PRESENCE OF THE AHS PROJECT MANAGER 24 HOUR NOTIFICATION TO AHS PROJECT MANAGER IS REQUIRED.

ALL SUMP MUST BE HYDROSTATICALLY TESTED WITH WATER ABOVE THE LEVEL OF THE HIGHEST PIPE OR ELECTRICAL CONDUIT PENETRATION OR SUMP JOINT FOR A PERIOD OF 12 HOURS AFTER ALL WORK IS COMPLETED.

THE FINAL APPROVAL OF THIS SYSTEM WILL BE A PRECISION TANK AND LINE TEST DONE BY AN INDEPENDENT TANK AND LINE TESTING CONTRACTOR. THE SYSTEM WILL BE TESTED WITH ALL FITTINGS, LEAK DETECTORS, DISPENSERS, SENSORS, IN SHORT, ALL ITEMS IN PLACE AND READY TO OPERATE.

• THE PIPE MUST BE 8 INCHES MINIMUM DIAMETER, WITH SLOTS OR HOLES GEOMETRICALLY BALANCED AT 15 PERCENT AND HOLES 3/32 INCHES. SUCH A PRODUCT IS AVAILABLE AS BOLETS TEST AND RETRIEVAL SUMP, MODEL PH49814.

VIII. CATHODIC PROTECTION (AS REQUIRED)

ALL METAL FITTINGS AND PIPE IN CONTACT WITH SOIL OR BACKFILL AND UNPROTECTED BY SECONDARY CONTAINMENT PIPING, JACKETS OR WITHIN A SUMP MUST BE COATED OR WRAPPED BY A MINIMUM OF ONE 17 POUND MAGNESIUM ANODE

IF FOR ANY REASON DIELECTRIC UNIONS ARE REQUIRED, THE ONLY ALLOWED ARE: CENTRAL PLASTICS, 1 1/2" #106-151510-000

AND 2" #106-020210-000 AS PROVIDED BY CLAY BAILEY

- NO SUBSTITUTION.

TANK INSTALLATION CHECKLIST



VALIDATION CERTIFICATE / STRUCTURAL WARRANTY*

Installation Checklist And Inspection Procedure For Fiberglass Underground Tank Installation

*THIS CHECKLIST MUST BE COMPLETED BY ITS OWNERS TO VALIDATE TO 30-YEAR STRUCTURAL WARRANTY. FOR WARRANTY DETAILS, SEE FLUID CONTAINMENT'S SINGLE-WALL AND DOUBLE-WALL UNDERGROUND STORAGE TANK WARRANTY PUBLICATION NO. THT1029

Form with fields: JOB NAME, OWNER, DATE, JOB SITE ADDRESS, CITY, STATE, INSTALLATION CONTRACTOR, ADDRESS, FOREMAN, OWNER REPRESENTATIVE, TITLE

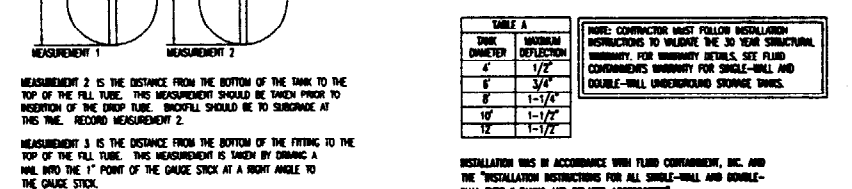
Table with columns: INSTALLATION CHECKLIST, CONTRACTOR REPT, OWNER CHECK, NOTES, CONTRACTOR REPT, OWNER CHECK. Rows include items like: UNSTABLE EXCAVATIONS (ALL SIZE TANKS) REQUIRE, HOLE SIZE, TANK INSPECTION PROCEDURES.

Table with columns: TANK NUMBER, 1, 2, 3, 4, 5. Rows include: UNDERMINED LABORATORIES LABEL NUMBER, TANK NOMINAL CAPACITY, TANK MEASUREMENTS IN INCHES.

- 1. AFTER PRESSURE TEST, MEASURE TANK INTERNAL DIAMETER PRIOR TO BACKFILLING.
- 2. AFTER BACKFILL IS AT SUBGRADE, MEASURE FROM TANK BOTTOM TO TOP OF FILL TUBE PRIOR TO INSERTION OF DROP TUBE.
- 3. AFTER BACKFILL IS AT SUBGRADE PRIOR TO INSERTION OF DROP TUBE, MEASURE FROM BOTTOM OF THE FITTING TO THE TOP OF THE FILL TUBE.
- 4. CALCULATED TANK INTERNAL DIAMETER WITH BACKFILL AT SUBGRADE (SUBTRACT MEASUREMENT #3 FROM MEASUREMENT #2).
- 5. CALCULATED TANK DEFLECTION (SUBTRACT MEASUREMENT #4 FROM MEASUREMENT #1).

MEASUREMENT INSTRUCTIONS

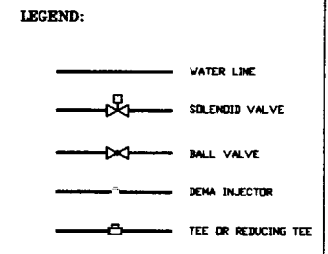
ALL MEASUREMENTS FOR TANK DEFLECTION ARE MADE FROM THE BOTTOM OF THE TANK TO THE BOTTOM OF THE FITTING. ALL MEASUREMENTS SHOULD BE MADE IN INCHES USING A STANDARD NON-METALLIC GAUGE STICK. ALL MEASUREMENTS SHOULD BE MADE THROUGH THE FILL TUBE FITTING. MEASUREMENT 1 MAY BE MADE ABOVE GROUND OR IN HOLE PRIOR TO BACKFILLING. MEASUREMENT 2 MUST BE MADE PRIOR TO INSERTION OF DROP TUBE, BUT AFTER FILL PIPE HAS BEEN INSTALLED.



Form with fields: TANK DIAMETER, DEFLECTION, TANK DEFLECTION. Includes instructions: LOWER THE GAUGE STICK DOWN THE FILL TUBE FAR ENOUGH TO EXTEND BELOW THE BOTTOM OF THE FITTING.

Large vertical stamp: AHS. Includes location information and sheet number PT-7.

These are only general drawings produced with sole intent of showing the approximate location of equipment and utilities necessary to run said equipment. They are by no means to be considered complete or exact in detail. These drawings are produced as a service to assist the customer and his architect for preliminary planning and bidding purposes. N/S does not accept any responsibility for the accuracy, errors and omissions on said drawings.

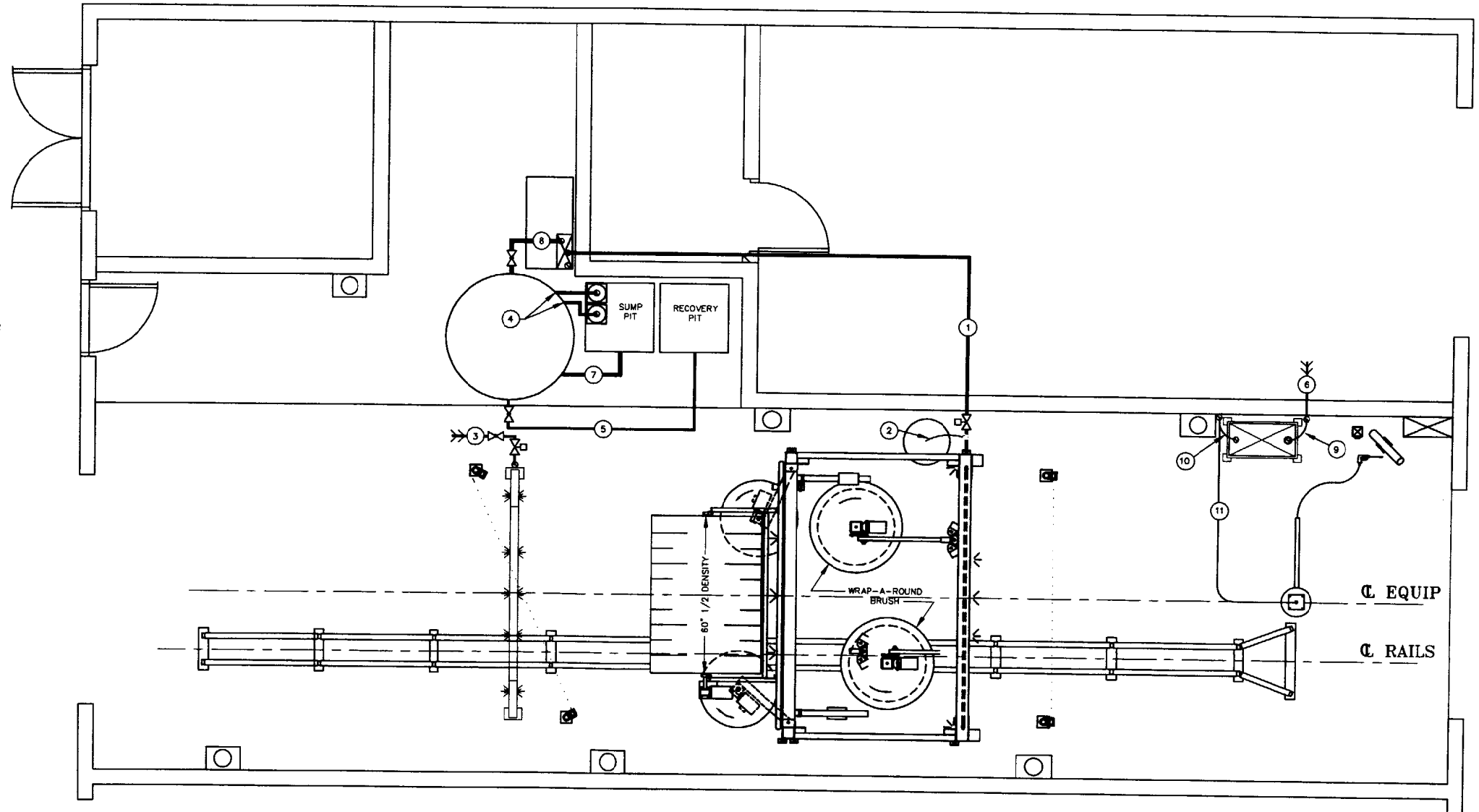


PLUMBING PLAN

- 1 1 1/2" # WATER LINE WITH SOLENOID VALVE (BY N/S CORP) AND DEMA INJECTOR (BY N/S CORP) FROM 3HP RECLAIM CONSOLE OUTLET TO MACHINE WASH MANIFOLD BY PLUMBING CONTRACTOR.
- 2 3/8" # VINYL HOSE (BY N/SCORP) FROM DETERGENT TANK TO DEMA INJECTOR BY N/S INSTALLER.
- 3 1" # WATER LINE WITH BALL VALVE AND SOLENOID VALVE (BY N/S CORP) FROM FRESH WATER SOURCE TO FINAL RINSE ARCH BY PLUMBING CONTRACTOR.
- 4 (2 PLACES) 1 1/2" # WATER LINE (SUPPLIED BY N/S CORPORATION) FROM SUMP PUMP TO RECLAIM TANK BY N/S INSTALLER.
- 5 1" # CONTINUOUS DRAIN WITH BALL VALVE (SUPPLIED BY N/S CORPORATION) FROM RECLAIM TANK TO RECOVERY PIT BY N/S INSTALLER.
- 6 3/4" # WATER LINE WITH HOSE BIB FROM FRESH WATER SOURCE BY PLUMBING CONTRACTOR.
- 7 2" # OVERFLOW LINE FROM RECLAIM TANK TO SEWER BY N/S INSTALLER.
- 8 2" # WATER LINE WITH BALL VALVE (BY N/S CORP) FROM RECLAIM TANK TO 3HP RECLAIM CONSOLE BY N/S INSTALLER.
- 9 APPLIANCE HOSE FROM HOSE BIB TO 3HP PREP UNIT INLET BY PLUMBING CONTRACTOR.
- 10 1/2" # PRESSURE HOSE (MAXIMUM PRESSURE 2000 PSI) FROM 3HP HIGH PRESSURE PREP UNIT PUMP STATION OUTLET TO PIPE FITTINGS AT ± 14' A.F.F. BY PLUMBING CONTRACTOR.
- 11 1/2" # SCHEDULE 80 GALVANIZED OR STAINLESS STEEL PIPE WITH 2000 PSI FITTINGS FROM PRESSURE HOSE FITTINGS AT ± 14' A.F.F. TO BOOM (TERMINATE WITH FEMALE THREADED END) BY PLUMBING CONTRACTOR.

NOTE:

1. PLUMBING CONTRACTOR IS TO PROVIDE ALL PIPING SHOW AND CALLED FOR ON THIS DRAWING, INCLUDING ALL CONNECTION TO EQUIPMENT.
2. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL AN APPROVED PRESSURE TYPE BACKFLOW DEVICE ON THE FRESH WATER LINE PRIOR TO ANY INDUSTRIAL WATER CONNECTIONS TO CAR WASH EQUIPMENT.
3. CONTRACTOR IS TO PROVIDE AND INSTALL A SHUT-OFF VALVE (BALL VALVE) AND UNION PRIOR TO ANY CONNECTION TO EQUIPMENT.
4. CONTRACTOR IS TO PROVIDE ANY ADDITIONAL VENTS THAT MAY BE REQUIRED BY CODE FOR DRAIN LINES.
5. THE PLUMBING ROUTING IN THIS DRAWING IS IN DIAGRAM FORM. ROUTING OF PLUMBING IS BY PLUMBING CONTRACTOR.



C:\WINNT\Profiles\guardell\Temporary Internet Files\HOLK61\TULSA QTA-P.dwg, Model: 09/07/01 12:19:43 PM

DRAWN LARRY Y.
DATE 5/31/01
SCALE 3/8"=1'



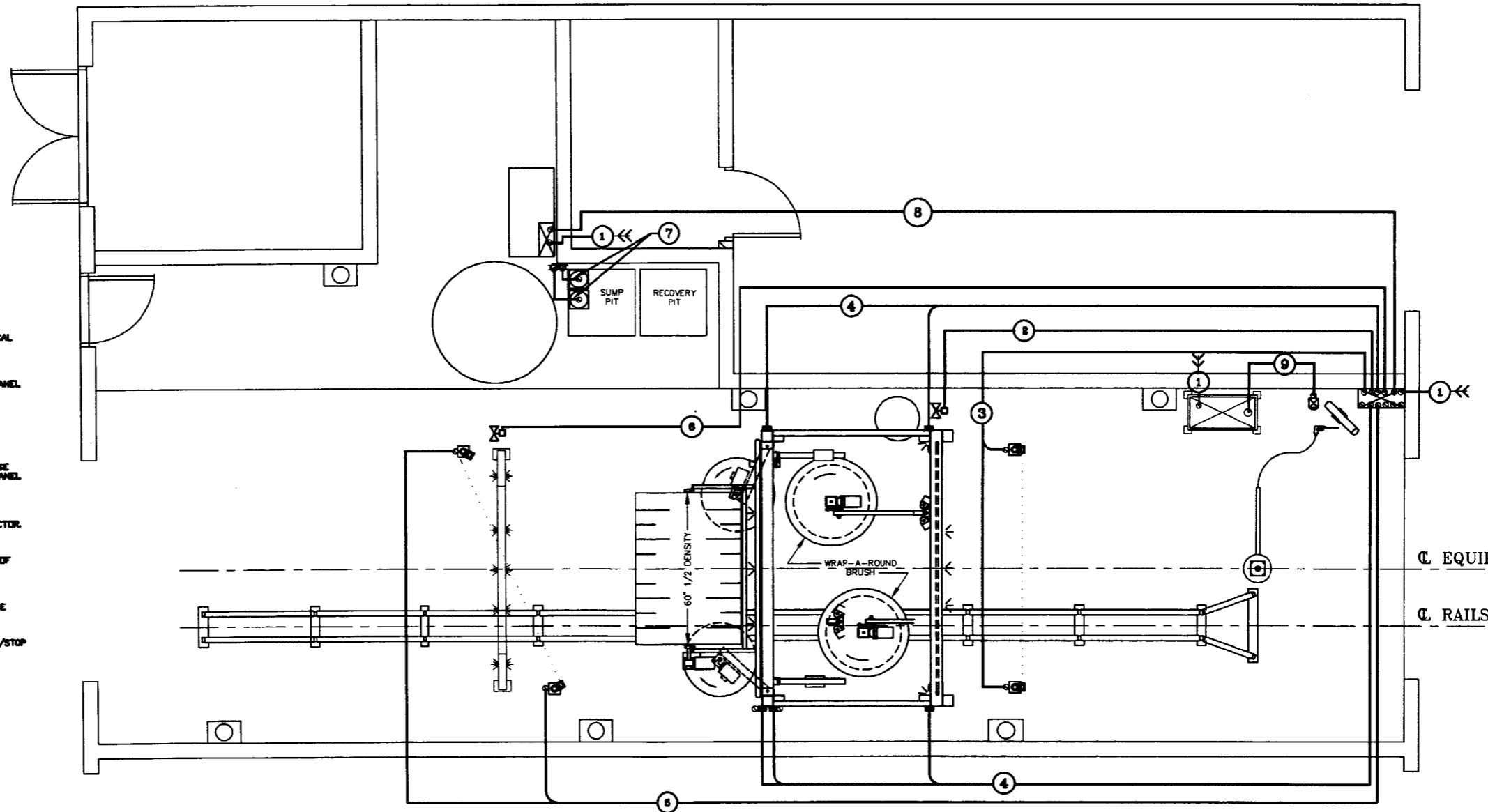
TITLE DOLLAR TULSA QTA
PLUMBING LAYOUT

DWG. No. 5542-P

These are only general drawings produced with sole intent of showing the approximate location of equipment and utilities necessary to run said equipment. They are by no means to be considered complete or exact in detail. These drawings are produced as a service to assist the customer and his architect for preliminary planning and bidding purposes. N/S does not accept any responsibility for the accuracy, errors and omissions on said drawings.

ELECTRICAL PLAN

- 1 CS PLACED 460V, 3Ø, 60HZ POWER FROM SOURCE TO MACHINE CONTROL PANEL (FOR CS SHP BRUSH MOTOR), CS SHP RECLAIM CONSOLE, AND CS SHP PREP-UNIT BY ELECTRICAL CONTRACTOR.
- 2 2 WIRES, CONDUIT AND 24VAC CONNECTION FROM PRE-APPLICATOR DETERGENT SOLENOID VALVE TO MACHINE CONTROL PANEL BY ELECTRICAL CONTRACTOR.
- 3 CS PLACED 2 WIRES, CONDUIT AND 24VAC CONNECTION FROM MACHINE ELECTRIC EYE SENSOR EMITTER AND RECEIVER TO MACHINE CONTROL PANEL BY ELECTRICAL CONTRACTOR.
- 4 CS PLACED 460V, 3Ø, 60HZ WIRE FROM BRUSH MOTOR JUNCTION BOX TO MACHINE CONTROL PANEL BY ELECTRICAL CONTRACTOR.
- 5 CS PLACED 2 WIRES, CONDUIT AND 24VAC CONNECTION FROM FINAL RISE ELECTRIC EYE SENSOR EMITTER AND RECEIVER TO MACHINE CONTROL PANEL BY ELECTRICAL CONTRACTOR.
- 6 2 WIRES, CONDUIT AND 24VAC CONNECTION FROM FINAL RISE SOLENOID VALVE TO MACHINE CONTROL PANEL BY ELECTRICAL CONTRACTOR.
- 7 115 VOLT, WIRE AND CONDUIT FOR CS SINGLE 25 AMP GFI, WATER PROOF OUTLET BY ELECTRICAL CONTRACTOR.
- 8 2 WIRES, CONDUIT AND 24VAC CONNECTION FROM SHP RECLAIM CONSOLE TO MACHINE CONTROL PANEL BY ELECTRICAL CONTRACTOR.
- 9 WIRE, CONDUIT AND 24VAC CONNECTION FROM SHP PREP-UNIT TO START/STOP BUTTON BY ELECTRICAL CONTRACTOR.



NOTE:
 1. PLAN SHOWS ELECTRICAL WORK TO BE PERFORMED BY ELECTRICAL CONTRACTOR AS PERTAIN TO CAR WASH EQUIPMENT.
 2. ALL WORK SHOWN ON THIS DRAWINGS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND ALL WORK MUST CONFORM TO NATIONAL AND LOCAL CODES.
 3. ELECTRICAL CONTRACTOR TO SUPPLY ALL CONNECTING WIRING, CONDUIT, FITTINGS ETC. AND MAKE CONNECTION AS SHOWN.

C:\WINNT\Profiles\larry\Temporary Internet Files\101.1661\101.1661\TULSA QTA-L.dwg, Model, 09/07/01 12:26:52 PM.

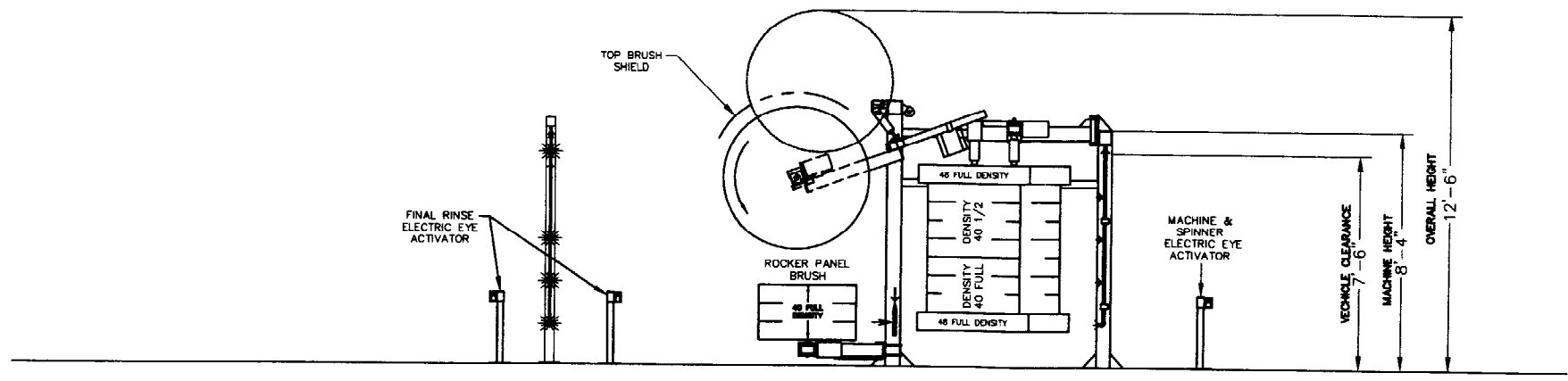
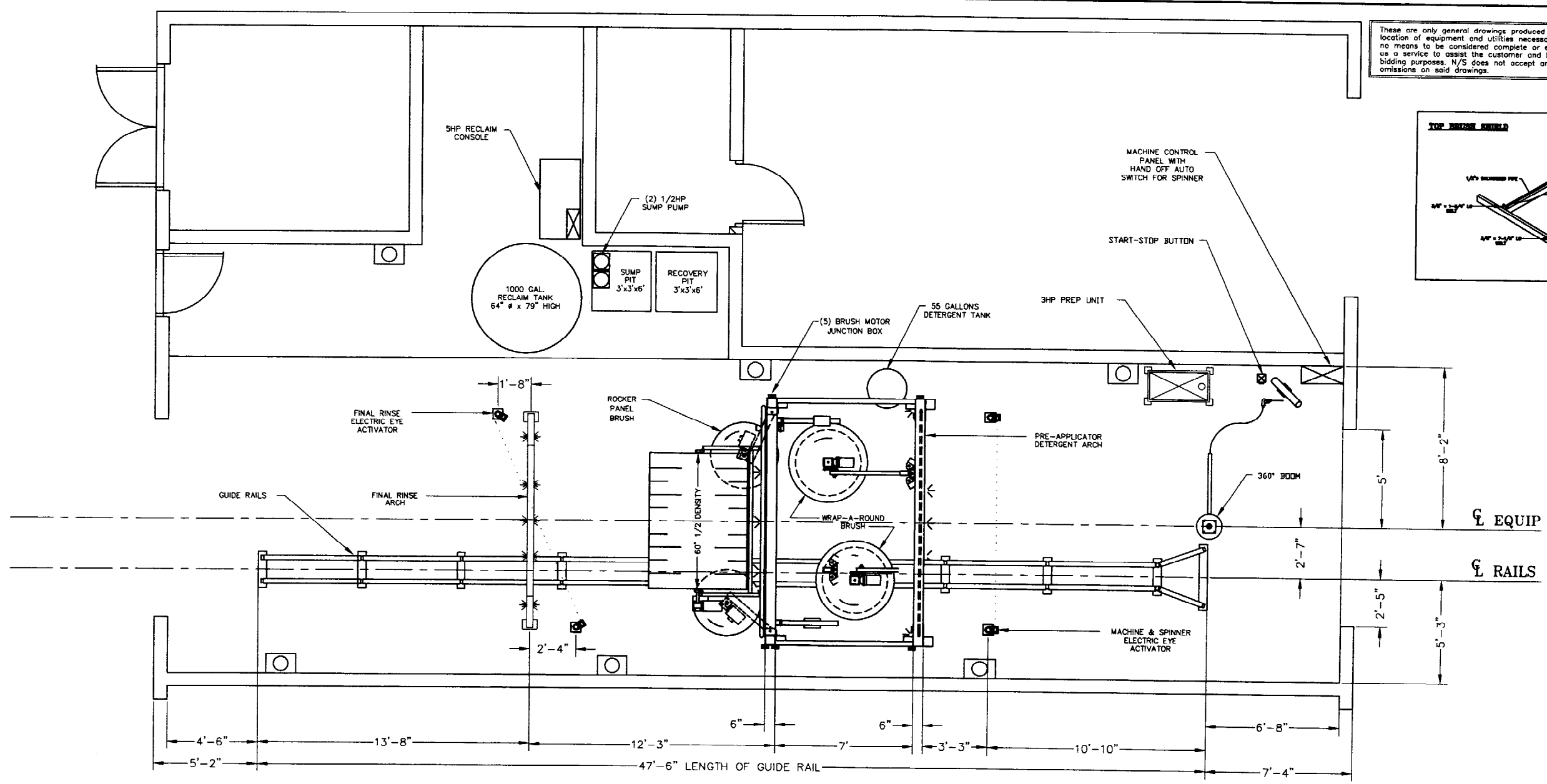
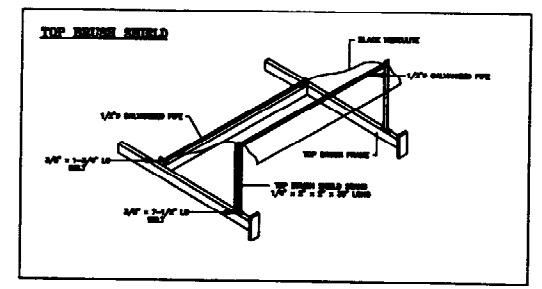
DRAWN	LARRY Y.
DATE	5/31/01
SCALE	3/8" = 1'



TITLE: DOLLAR TULSA QTA ELECTRICAL LAYOUT

DWG. No. 5542-L

These are only general drawings produced with sole intent of showing the approximate location of equipment and utilities necessary to run said equipment. They are by no means to be considered complete or exact in detail. These drawings are produced as a service to assist the customer and his architect for preliminary planning and bidding purposes. N/S does not accept any responsibility for the accuracy, errors and omissions on said drawings.



MACHINE ELEVATION (SYS 5 BRUSH)

- GENERAL NOTES**
1. ALL ELECTRICAL CONNECTIONS FROM CUSTOMER'S MAIN POWER SUPPLY TO N/S CONTROL PANEL ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ANY AND ALL LOCAL CODES ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
 2. ALL PLUMBING CONNECTIONS TO MACHINE AND ALL EXTERNAL MACHINE PLUMBING ARE THE RESPONSIBILITY OF GENERAL CONTRACTOR.
 3. ALL AIR LINE CONNECTIONS TO MACHINE WHEN USED IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. N/S DOES NOT SUPPLY AIR COMPRESSOR.
 4. MINIMUM WATER SUPPLY TO MACHINE WITHOUT OPTIONAL PUMP SYSTEM IS 90 GPM AT 60 PSI.
 5. ALL CONNECTIONS TO MACHINE SHALL BE FLEXIBLE. ALL CONNECTIONS TO AND FROM PUMP SYSTEM SHALL BE MADE FLEXIBLE.
 6. WATER LINES TO BE GALVANIZED PIPE OR COPPER PIPE.
 7. THE RECOMMENDED MINIMUM BREAKER AND REQUIRED AMPERAGE ARE AS FOLLOWS:
- | ITEM | 480V | |
|---------------------|--------|----------|
| | F.L.A. | MIN. C/B |
| BASIC MACHINE | 9.0A | 20.0A |
| SHP RECLAIM CONSOLE | 7.5A | 15.0A |
| SHP PREP UNIT | 4.8A | 15.0A |
8. N/S RECOMMENDS THAT ALL CONNECTIONS COMING INTO OUR PANEL BOX SHOULD BE MADE INTO THE BOTTOM OF THE ENCLOSURE.
 9. ALL ANCHOR BOLTS ARE THE RESPONSIBILITY OF OTHERS. RECOMMENDED ANCHOR BOLTS ARE AS FOLLOWS:
 3-1/2" LONG ANCHOR BOLT FOR A 4" CONCRETE SLAB.
 5" LONG ANCHOR BOLT FOR A 6" CONCRETE SLAB.

C:\WINNT\Profiles\larry\My Documents\Files\DLG\DLG\TULSA QTA-E.dwg, Model, 09/07/01, 12:22:15 PM.
 C:\WINNT\Profiles\larry\My Documents\Files\DLG\DLG\TULSA QTA-E.dwg, Sheet, 09/07/01, 12:22:15 PM.

DRAWN	LARRY Y.
DATE	5/30/01
SCALE	3/8"=1'

