

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 RHODE ISLAND AIRPORT CORPORATION

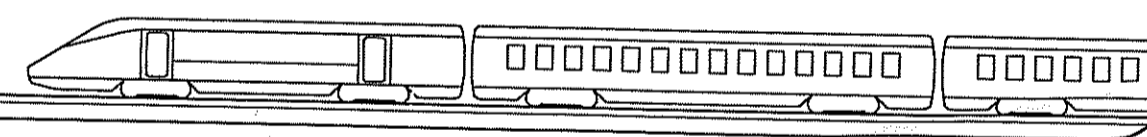
PLANS OF PROPOSED

WARWICK INTERMODAL STATION

CITY OF WARWICK
 COUNTY OF KENT

**Warwick Intermodal
 Station**

Warwick, Rhode Island



RIDEM
 SUBMISSION
 MARCH 3, 2008



166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909

Voice: 401-272-1969
 Fax: 401-272-2045
 www.jacobs.com

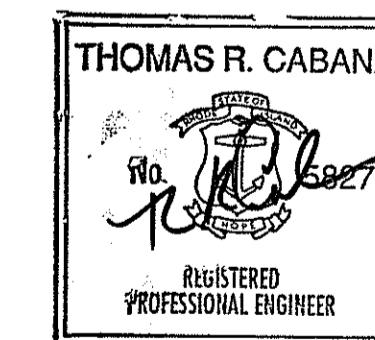


The Robinson Green Beretta Corporation
 50 Hidden Street
 Providence, Rhode Island 02909
 Phone: (401) 273-0730
 Fax: (401) 273-1700
 E-mail: rgbc@rgbc.com
 www.rgbc.com
 Architecture - Engineering - Interior Design

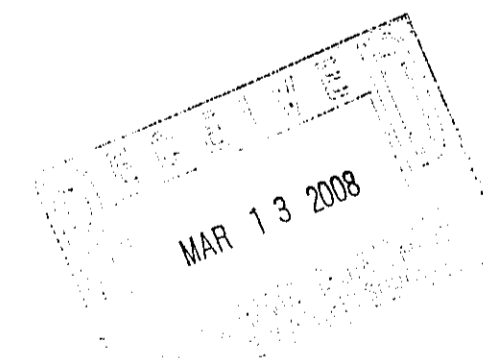
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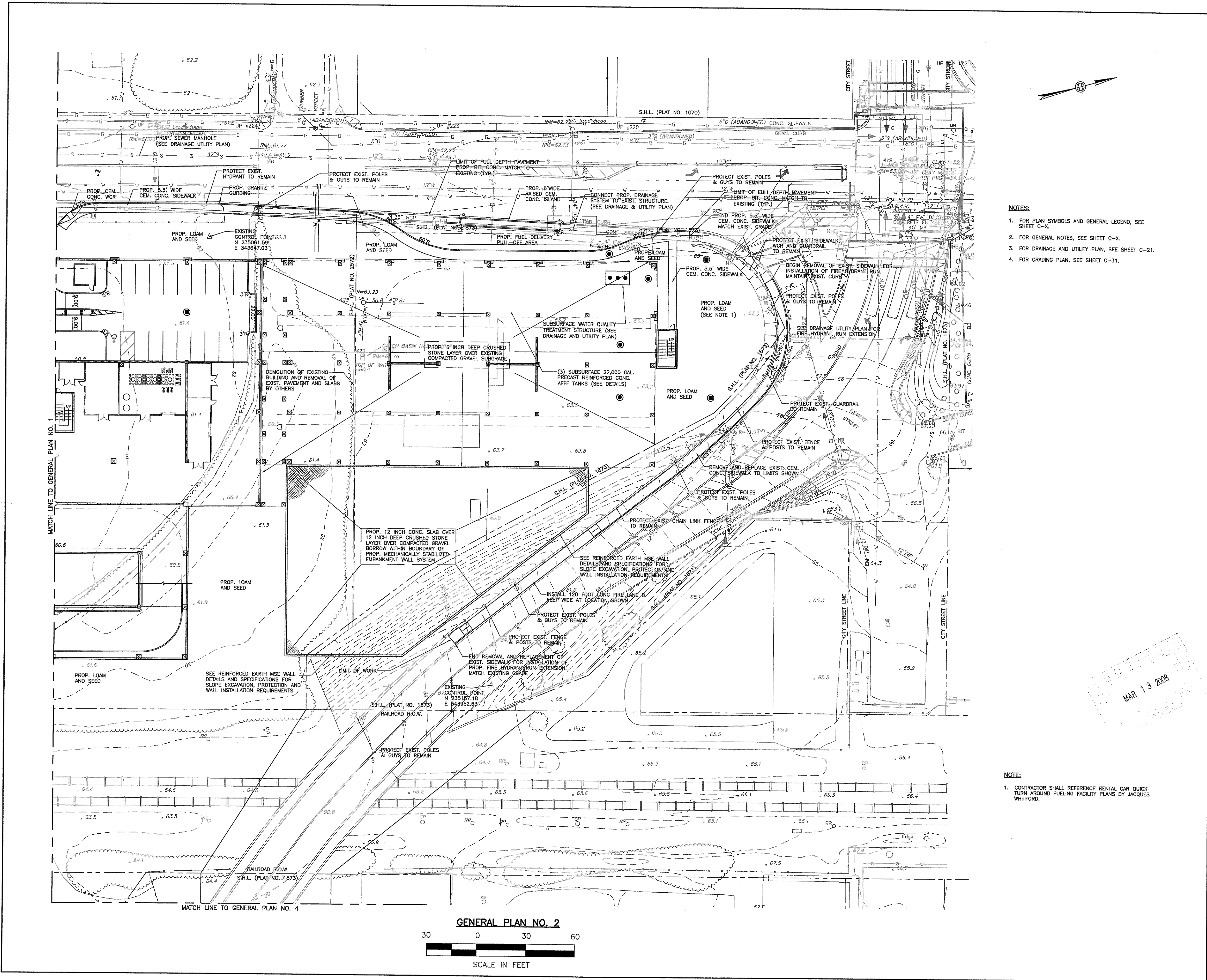


3/1/08



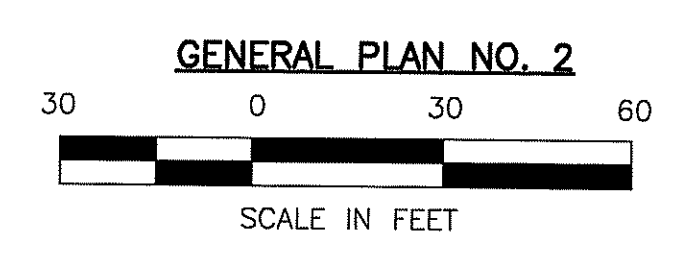
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED SEP 18 2008 FILE # DR-0013
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Herbert



- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-21.
 4. FOR GRADING PLAN, SEE SHEET C-31.

- NOTE:**
1. CONTRACTOR SHALL REFERENCE RENTAL CAR QUICK TURN AROUND FUELING FACILITY PLANS BY JACOBS WHITFORD.



JACOBS
Edwards and Kelcey

166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1989
Fax: 401-272-2045

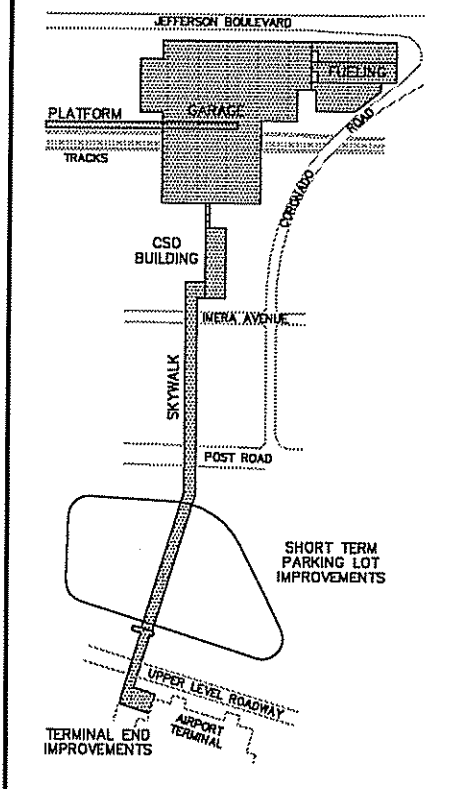
Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:

#	DATE	DESCRIPTION
1		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
RHODE ISLAND AIRPORT CORPORATION

PROJECT:

Warwick Intermodal Station
Warwick, Rhode Island

DRAWING TITLE:

GENERAL PLAN NO. 2

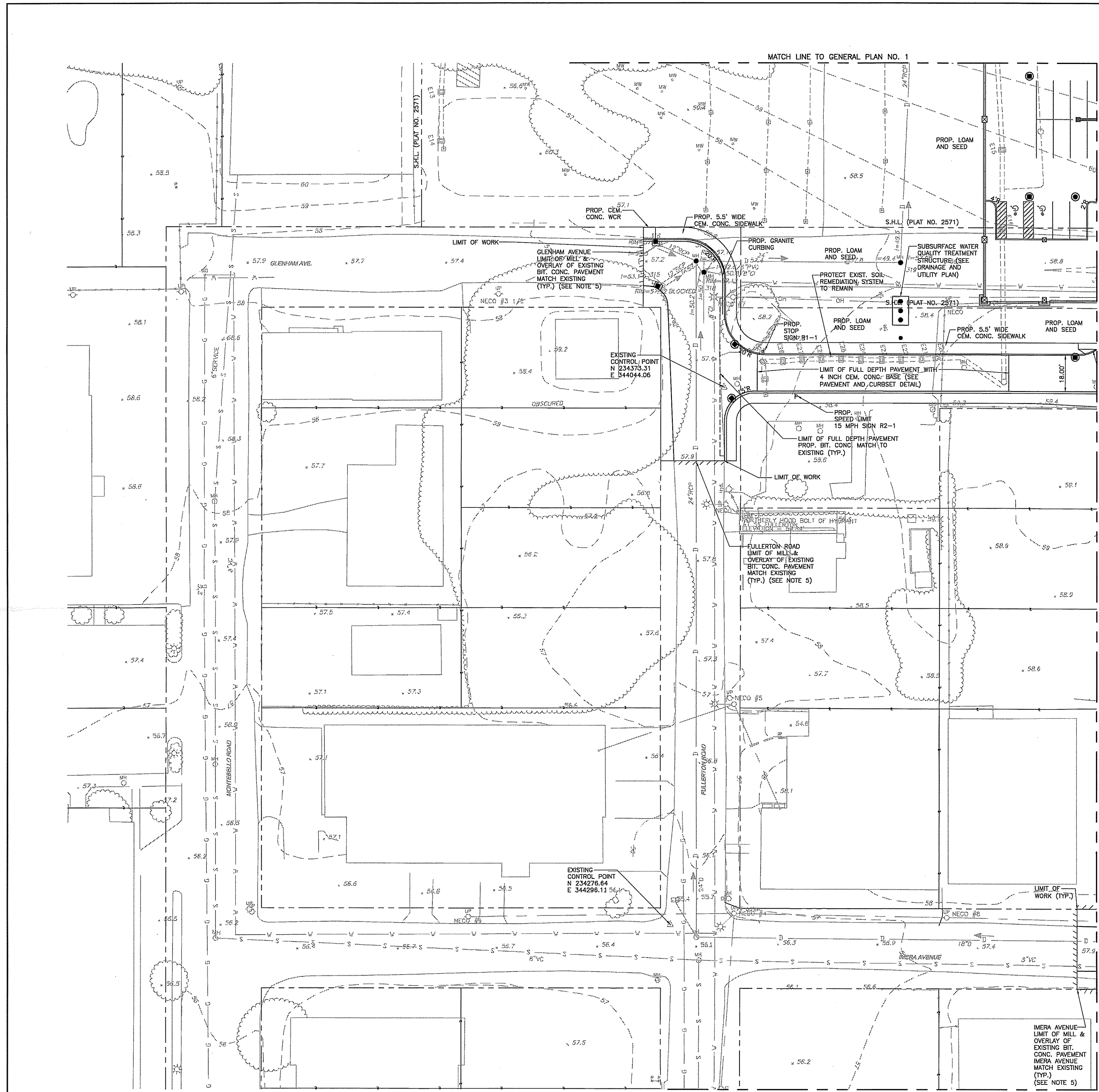
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 18 2008 FILE # 08-0073
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JOB #: 98017004 **DRAWN BY:** BR
DATE: 03/03/08 **CHECKED BY:** EG
DRAWING NUMBER:

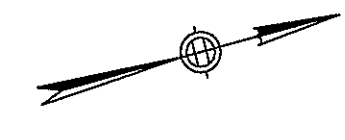
C-11

SCALE: 1" = 30'

MAR 13 2008



GENERAL PLAN NO. 3
 30 0 30 60
 SCALE IN FEET



NOTE:
 1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-1.
 2. FOR GENERAL NOTES, SEE SHEET C-1.
 3. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-22.
 4. FOR GRADING PLAN, SEE SHEET C-22.

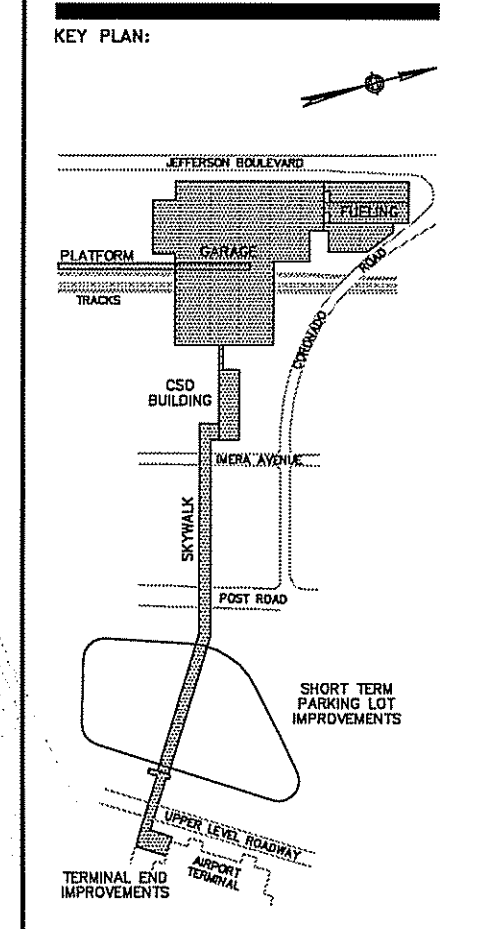
NOTES:
 1. CONTRACTOR SHALL REFER TO STRUCTURAL FOUNDATION PLANS AT THESE LOCATIONS FOR LIMITS OF EXCAVATION, DISTURBANCE, AND SAWCUT ASSOCIATED WITH INSTALLATION OF FOUNDATIONS.
 2. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE WORK ZONE PERIMETERS THAT DEFINE ALL FOUNDATION AND EXCAVATION AREAS AS IN NOTE 1.
 3. CONTRACTOR SHALL REPLACE IN-KIND ALL EXISTING ASPHALT, CURBING, RAISED ISLANDS, PLANTINGS, AND PAVEMENT MARKINGS IMPACTED BY CONSTRUCTION ACTIVITIES FOR THE SIDEWALK SUPPORT COLUMN FOOTINGS AT ALL COLUMN LOCATIONS.
 4. CONTRACTOR SHALL CUT, PLUS, AND REMOVE AND DISPOSE EXISTING DRAINAGE AND UTILITIES WITHIN THE LIMITS OF DISTURBANCE BOUNDARY UNLESS IT IS IDENTIFIED TO REMAIN. (SEE DRAWING C-22).
 5. CONTRACTOR SHALL MILL & OVERLAY ALL EXISTING BITUMINOUS ASPHALT SURFACES ON FULLERTON ROAD, GLENHAM AVENUE AND MEERA AVENUE WITHIN THE LIMITS SHOWN. THIS WORK SHALL ONLY BE DONE UPON COMPLETION OF ALL OTHER PAVEMENT EXCAVATION, TRENCHING, SAWCUTTING AND PATCHING WITHIN SAME LIMITS.

JE JACOBS
 Edwards and Kelcey
 166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909
 Voice: 401-272-1969
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Gilbane
 CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE #	DATE	DESCRIPTION
		GMP SET



CLIENT:
 RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 RHODE ISLAND AIRPORT CORPORATION

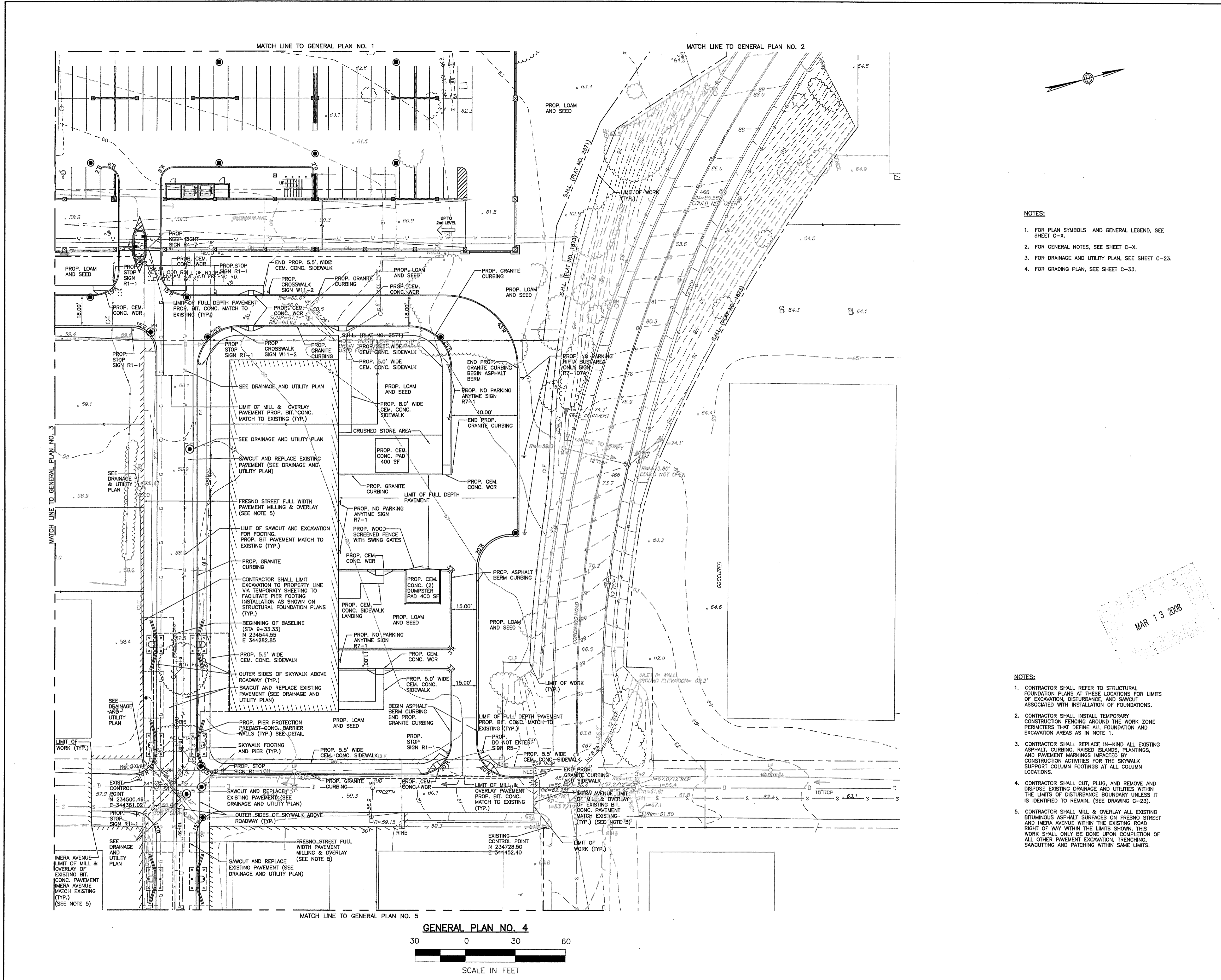
PROJECT:
Warwick Intermodal Station
 Warwick, Rhode Island

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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DRAWING TITLE:
 GENERAL PLAN NO. 3

SCALE:
 1" = 30'

Charles A. [Signature]



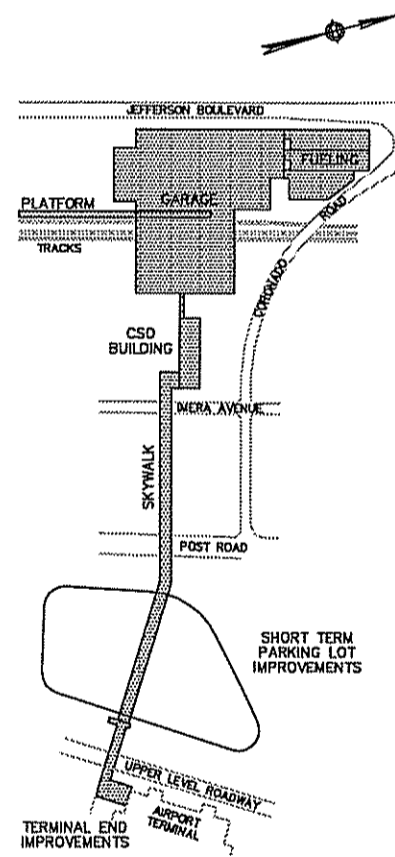
NOTES:

1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
2. FOR GENERAL NOTES, SEE SHEET C-X.
3. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-23.
4. FOR GRADING PLAN, SEE SHEET C-33.

CERTIFICATION:

ISSUE #	DATE	DESCRIPTION
1	02/11/08	GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION
•
RHODE ISLAND AIRPORT
CORPORATION

PROJECT:

**Warwick Intermodal
Station**
Warwick, Rhode Island

DRAWING TITLE:

GENERAL PLAN NO. 4

JOB #: 980017004 **DRAWN BY:** BR

DATE: 02/03/08 **CHECKED BY:** EP

DRAWING NUMBER:

C-13

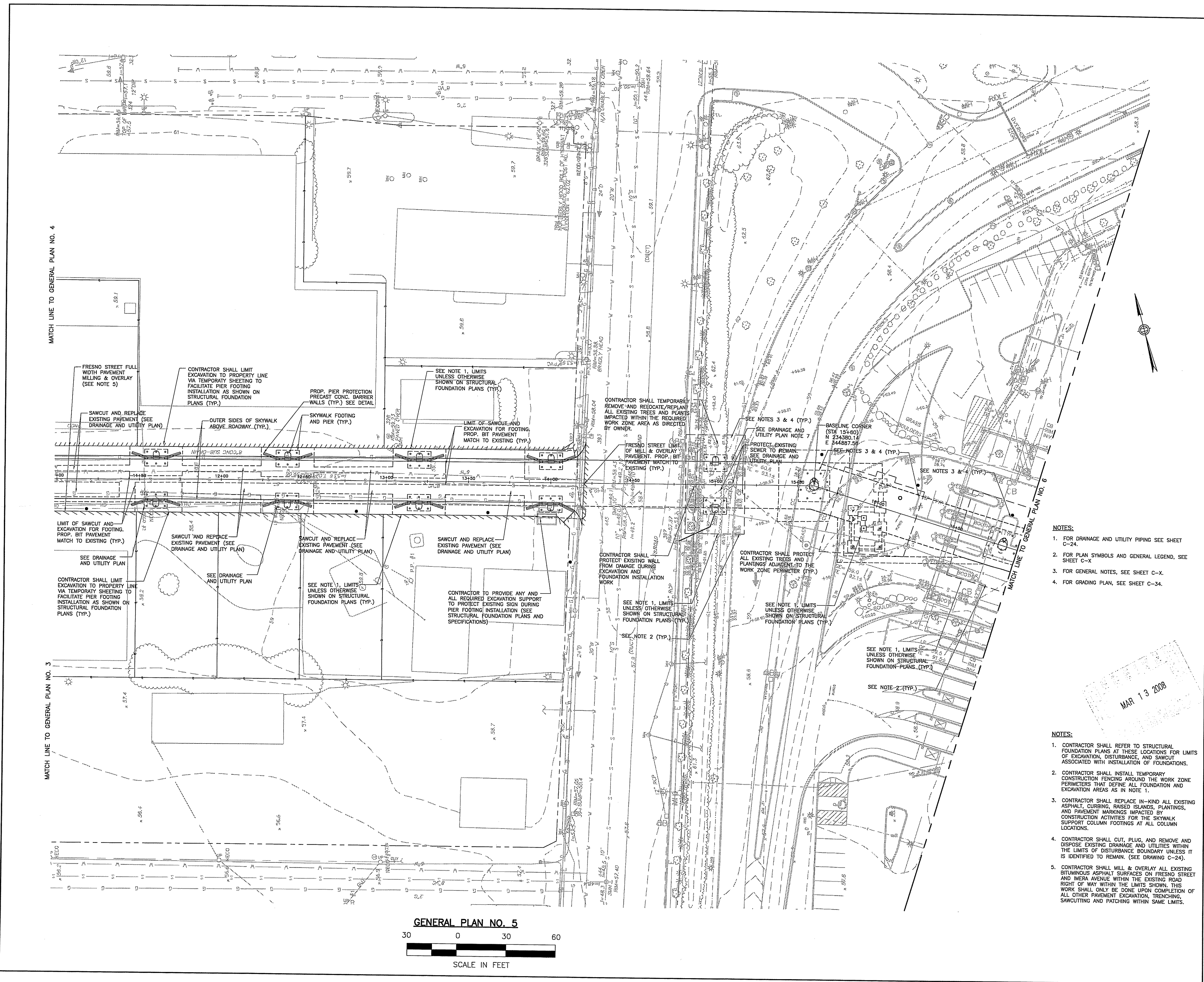
SCALE: 1" = 30'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATE: SEP 18 2008 FILE # 08-0073
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

MAR 13 2008

NOTES:

1. CONTRACTOR SHALL REFER TO STRUCTURAL FOUNDATION PLANS AT THESE LOCATIONS FOR LIMITS OF EXCAVATION, DISTURBANCE, AND SAWCUT ASSOCIATED WITH INSTALLATION OF FOUNDATIONS.
2. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE WORK ZONE PERIMETERS THAT DEFINE ALL FOUNDATION AND EXCAVATION AREAS AS IN NOTE 1.
3. CONTRACTOR SHALL REPLACE IN-KIND ALL EXISTING ASPHALT CURBING, RAISED ISLANDS, PLANTINGS, AND PAVEMENT MARKINGS IMPACTED BY CONSTRUCTION ACTIVITIES FOR THE SKYWALK SUPPORT COLUMN FOOTINGS AT ALL COLUMN LOCATIONS.
4. CONTRACTOR SHALL CUT, PLUG, AND REMOVE AND DISPOSE EXISTING DRAINAGE AND UTILITIES WITHIN THE LIMITS OF DISTURBANCE BOUNDARY UNLESS IT IS IDENTIFIED TO REMAIN. (SEE DRAWING C-23).
5. CONTRACTOR SHALL MILL & OVERLAY ALL EXISTING BITUMINOUS ASPHALT SURFACES ON FRESNO STREET AND MESERA AVENUE WITHIN THE LIMITS SHOWN. THIS WORK SHALL ONLY BE DONE UPON COMPLETION OF ALL OTHER PAVEMENT EXCAVATION, TRENCHING, SAWCUTTING AND PATCHING WITHIN SAME LIMITS.



GENERAL PLAN NO. 5
 30 0 30 60
 SCALE IN FEET

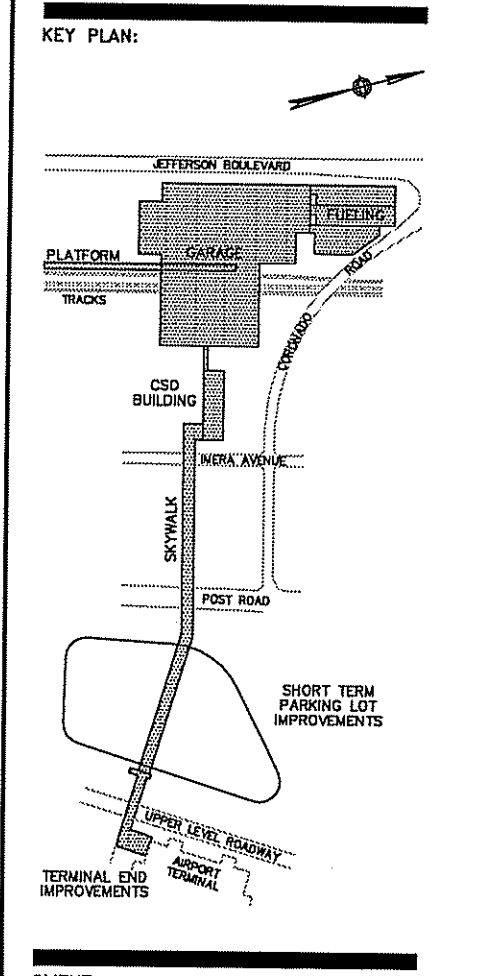
JACOBS
 Edwards and Kelcey
 168 Valley Street
 Building 604, Suite 101
 Providence, RI 02909
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Gilbane
 CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:

#	DATE	DESCRIPTION
02/11/08	GMP SET	



CLIENT:
 RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 RHODE ISLAND AIRPORT CORPORATION

PROJECT:
Warwick Intermodal Station
 Warwick, Rhode Island

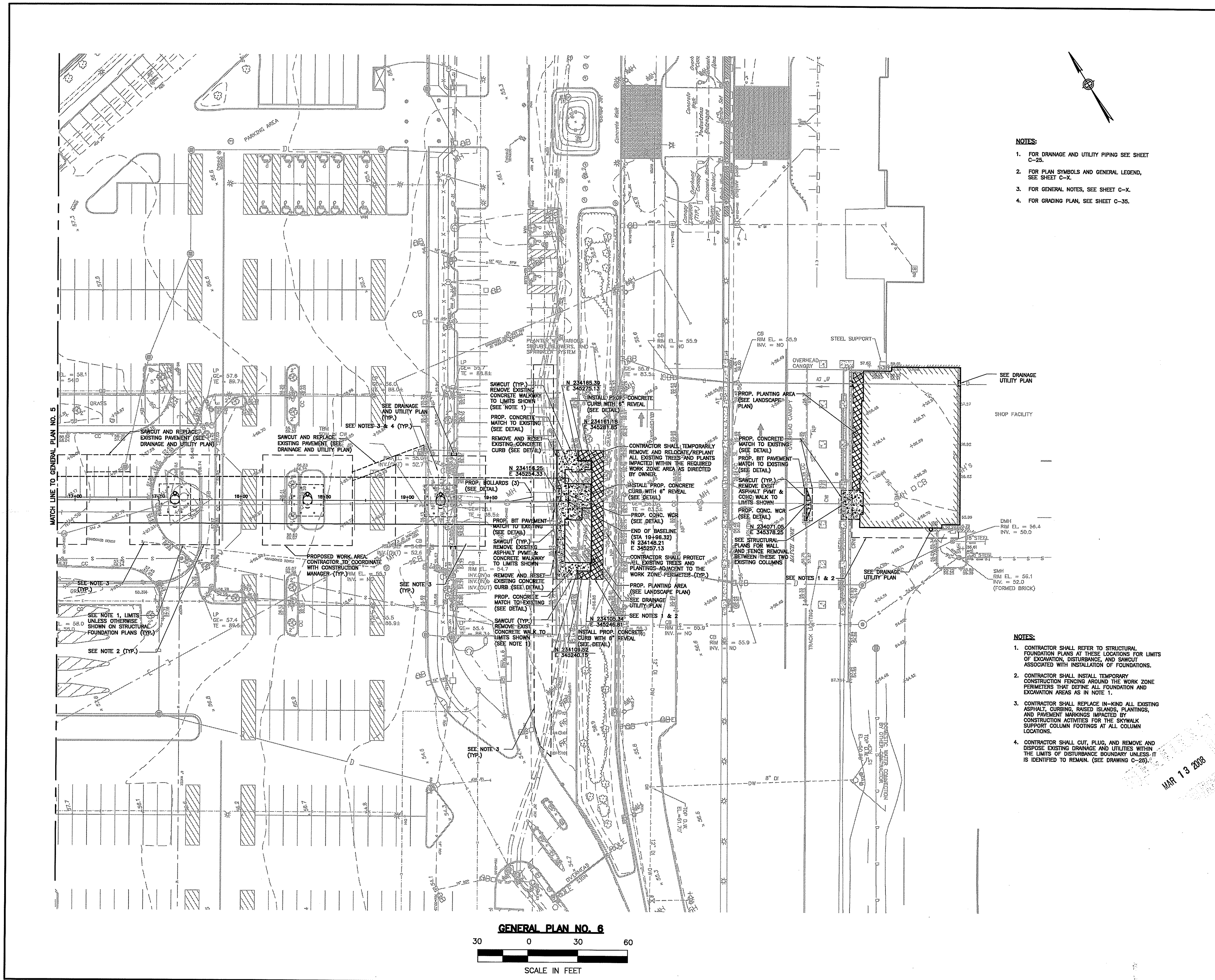
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 SEP 18 2008 FILE # 08-0073
 ANY CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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DRAWING TITLE:
GENERAL PLAN NO. 5

JOB #: 980017004 DRAWN BY: BR
 DATE: 03/03/08 CHECKED BY: ET
 DRAWING NUMBER:
C-14
 SCALE: 1" = 30'

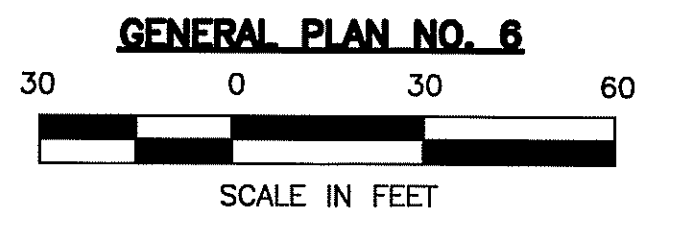
- NOTES:
1. FOR DRAINAGE AND UTILITY PIPING SEE SHEET C-24.
 2. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 3. FOR GENERAL NOTES, SEE SHEET C-X.
 4. FOR GRADING PLAN, SEE SHEET C-34.

- NOTES:
1. CONTRACTOR SHALL REFER TO STRUCTURAL FOUNDATION PLANS AT THESE LOCATIONS FOR LIMITS OF EXCAVATION, DISTURBANCE, AND SAWCUT ASSOCIATED WITH INSTALLATION OF FOUNDATIONS.
 2. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE WORK ZONE PERIMETERS THAT DEFINE ALL FOUNDATION AND EXCAVATION AREAS AS IN NOTE 1.
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 4. CONTRACTOR SHALL CUT, PLUG, AND REMOVE AND DISPOSE EXISTING DRAINAGE AND UTILITIES WITHIN THE LIMITS OF DISTURBANCE BOUNDARY UNLESS IT IS IDENTIFIED TO REMAIN. (SEE DRAWING C-24).
 5. CONTRACTOR SHALL MILL & OVERLAY ALL EXISTING BITUMINOUS ASPHALT SURFACES ON FRESNO STREET AND MEDIA AVENUE WITHIN THE EXISTING ROAD RIGHT OF WAY WITHIN THE LIMITS SHOWN. THIS WORK SHALL ONLY BE DONE UPON COMPLETION OF ALL OTHER PAVEMENT EXCAVATION, TRENCHING, SAWCUTTING AND PATCHING WITHIN SAME LIMITS.



- NOTES:**
1. FOR DRAINAGE AND UTILITY PIPING SEE SHEET C-25.
 2. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 3. FOR GENERAL NOTES, SEE SHEET C-X.
 4. FOR GRADING PLAN, SEE SHEET C-35.

- NOTES:**
1. CONTRACTOR SHALL REFER TO STRUCTURAL FOUNDATION PLANS AT THESE LOCATIONS FOR LIMITS OF EXCAVATION, DISTURBANCE, AND SAWCUT ASSOCIATED WITH INSTALLATION OF FOUNDATIONS.
 2. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE WORK ZONE PERIMETERS THAT DEFINE ALL FOUNDATION AND EXCAVATION AREAS AS IN NOTE 1.
 3. CONTRACTOR SHALL REPLACE IN-KIND ALL EXISTING ASPHALT, CURBING, RAISED ISLANDS, PLANTINGS, AND PAVEMENT MARKINGS IMPACTED BY CONSTRUCTION ACTIVITIES FOR THE SKYWALK SUPPORT COLUMN FOOTINGS AT ALL COLUMN LOCATIONS.
 4. CONTRACTOR SHALL CUT, PLUG, AND REMOVE AND DISPOSE EXISTING DRAINAGE AND UTILITIES WITHIN THE LIMITS OF DISTURBANCE BOUNDARY UNLESS IT IS IDENTIFIED TO REMAIN. (SEE DRAWING C-25).



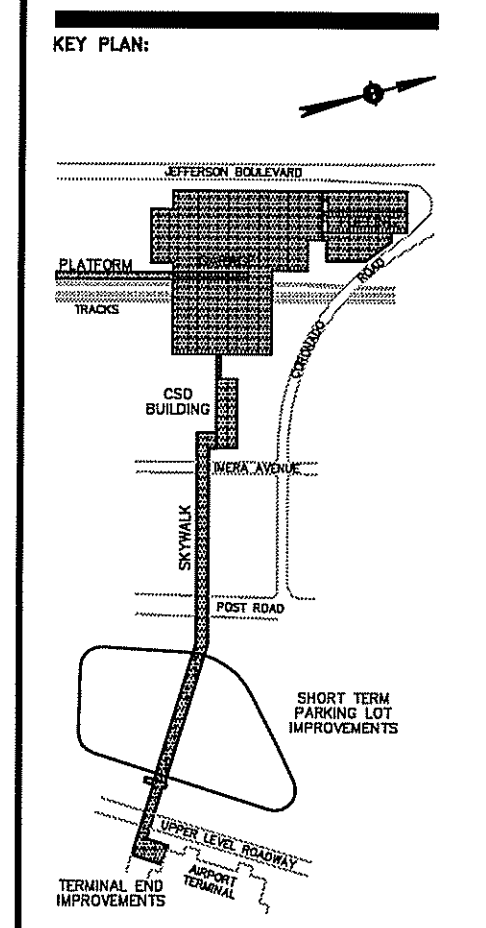
JE JACOBS
Engineering and Architecture

166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909
 Voice: 401-272-1969
 Fax: 401-272-2045

Gilbane
 CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
1		GMP SET



CLIENTS:

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 RHODE ISLAND AIRPORT CORPORATION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM

PROJECT: **Warwick Intermodal Station**

AS SPECIFIED IN LETTER OF APPROVAL
 DATED **SEP 16 2008** FILE # **08-0073**
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:
GENERAL PLAN NO. 6

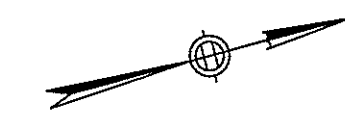
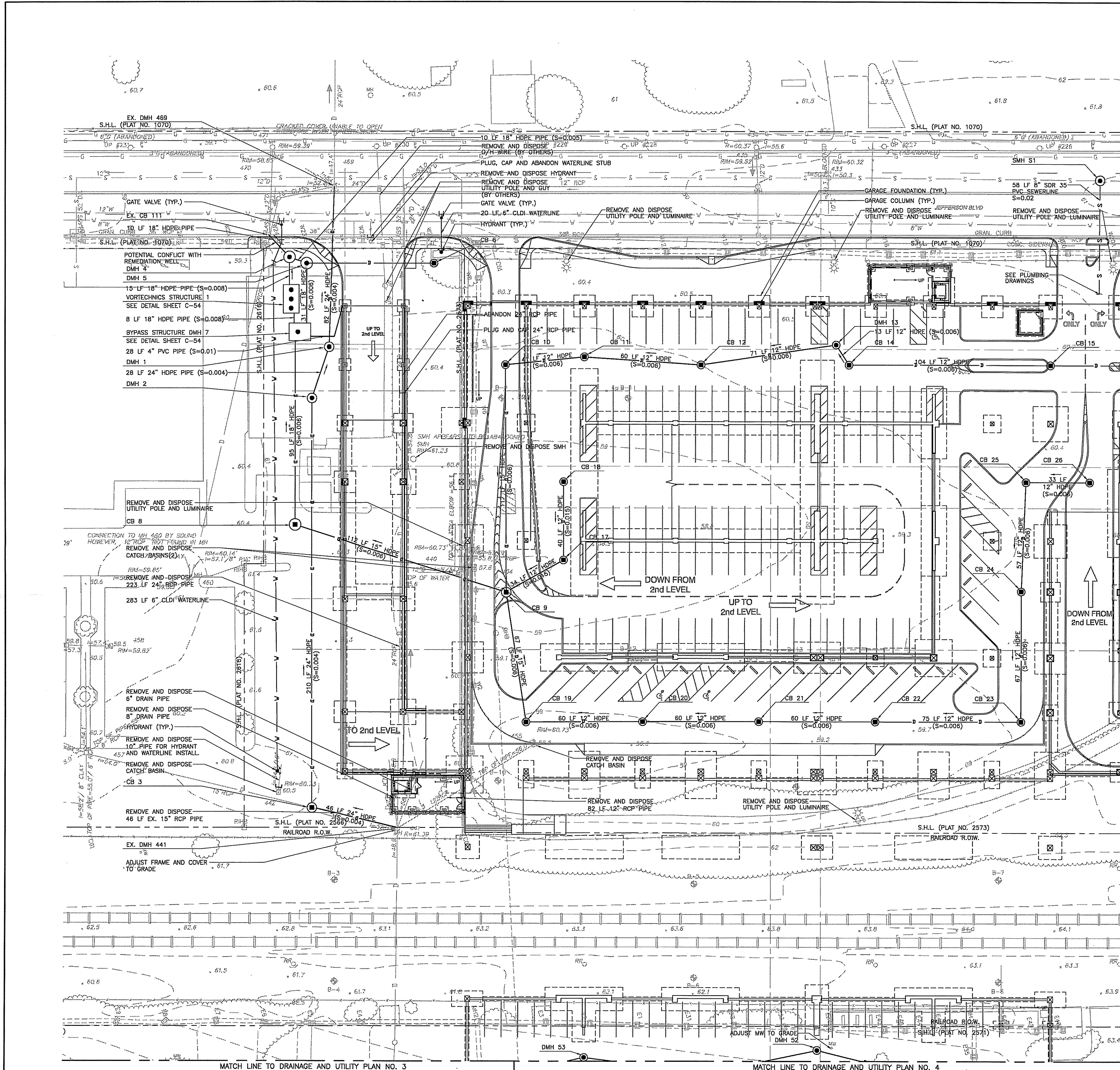
JOB #: 980017004 DRAWN BY: CMC
 DATE: 03/03/08 CHECKED BY: EP
 DRAWING NUMBER:

C-15

SCALE: 1" = 30'

MAR 13 2008

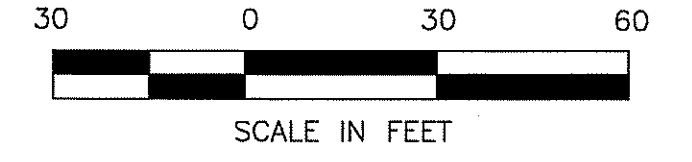
Charles A. Hanks



- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-10.
 4. FOR GRADING PLAN, SEE SHEET C-30.

- 15' LF 18" HDPE PIPE (S=0.008)
- VORTECHNICS STRUCTURE 1
- SEE DETAIL SHEET C-54
- 8 LF 18" HDPE PIPE (S=0.008)
- BYPASS STRUCTURE DMH 7
- SEE DETAIL SHEET C-54
- 28 LF 4" PVC PIPE (S=0.01)
- DMH 1
- 28 LF 24" HDPE PIPE (S=0.004)
- DMH 2

DRAINAGE AND UTILITY PLAN NO. 1



STORM DRAINAGE										
STR NO.	TYPE	RIM ELEV.	INVERT		NORTHING	EASTING				
			IN	PIPE			OUT	PIPE		
1	DMH	61.10	47.76	24" HDPE	47.76	24" HDPE	234566.67	343550.98		
2	DMH	60.92	47.88	24" HDPE	47.88	24" HDPE	234553.52	343573.49		
3	CB	60.70	48.72	24" HDPE	48.72	24" HDPE	234498.42	343776.16		
			53.18	18" RCP						
4	DMH	59.40	53.13	18" HDPE	53.03	18" HDPE	234561.23	343501.08		
5	DMH	59.80	54.15	12" HDPE	53.09	18" HDPE	234568.93	343506.44		
			53.19	18" HDPE						
6	CB	59.45	53.37(E)	18" HDPE	53.27	18" HDPE	234632.11	343523.62		
7	DMH(BP)	60.30	57.71(N)	4" PVC	53.27	18" HDPE	234556.33	343539.23		
8	CB	60.61	53.93	15" HDPE	53.83	18" HDPE	234528.15	343633.82		
9	CB	61.14	54.59(W)	18" HDPE	54.49(S)	15" HDPE	234923.90	343698.81		
			54.45(NW)	12" HDPE						
			54.59(E)	15" HDPE						
10	CB	56.70	55.28	12" HDPE	55.18	18" HDPE	234485.43	343583.20		
11	CB	60.64	55.53	12" HDPE	55.43	12" HDPE	234694.29	343590.00		
12	CB	60.98	55.88	12" HDPE	55.78	12" HDPE	234751.14	343609.60		
13	DMH	61.45	56.21	12" HDPE	56.21	12" HDPE	234821.06	343617.98		
14	CB	61.19	56.29	12" HDPE	56.29	12" HDPE	234824.77	343629.82		
15	CB	60.91	56.96	12" HDPE	56.86	12" HDPE	234924.83	343556.92		
17	CB	61.69	56.01	12" HDPE	55.91	12" HDPE	234658.73	343687.49		
18	CB	60.57	55.02	12" HDPE	56.61	12" HDPE	234667.21	343648.06		
19	CB	61.33	55.02	12" HDPE	54.92	15" HDPE	234616.25	343762.68		
20	CB	61.81	55.36	12" HDPE	55.26	12" HDPE	234674.18	343778.32		
21	CB	62.02	56.70	12" HDPE	55.60	12" HDPE	234732.10	343793.97		
22	CB	62.24	56.05	12" HDPE	55.95	12" HDPE	234790.00	343809.72		
23	CB	62.31	56.48	12" HDPE	56.38	12" HDPE	234862.36	343829.59		
24	CB	61.77	56.86	12" HDPE	56.76	12" HDPE	234879.85	343784.83		
25	CB	61.06	57.18	12" HDPE	57.08	12" HDPE	234896.99	343711.43		
26	CB	61.30	58.28	12" HDPE	57.33	12" HDPE	234928.58	343720.02		
52	DMH	63.07	58.28	12" HDPE	58.18	12" HDPE	234716.95	343864.04		
53	DMH	61.70	56.45	12" HDPE	56.35	12" HDPE	234600.17	343936.179		
1111	CB(EX)	58.58	52.46(EX)	36" RCP	52.46(EX)	36" RCP				
			53.00	18" HDPE	52.80(EX)	12"				
441	DMH(EX)	61.39	52.85(EX)	15" RCP	48.80(EX)	24" RCP				
			57.8(EX)(W)	8"	48.8"	24" RCP				
			58.11(EX)(NW)	6"						
			48.5(EX)(SE)	24" RCP						
			55.3(N)	12"						
469	DMH(EX)	59.15	47.4(EX)(SE)	18" DI	47.4(EX)	24" RCP				
			54.4(EX)(SW)	?						
			52.8(EX)(S)	12"						
			50.3(EX)(N)	24"						
			47.43(W)	24" HDPE						
V1	VORT	60.50	53.27	18" HDPE	53.27	18" HDPE	234556.49	343521.93		

SANITARY SEWER										
STR NO.	TYPE	RIM ELEV.	INVERT		NORTHING	EASTING				
			IN	PIPE			OUT	PIPE		
S1	SMH	61.00	49.9±(EX)	12"	49.8±(EX)	12"	234974.25	343572.25		
			52.05	8" PVC						

JE JACOBS
Edwards and Kelcey

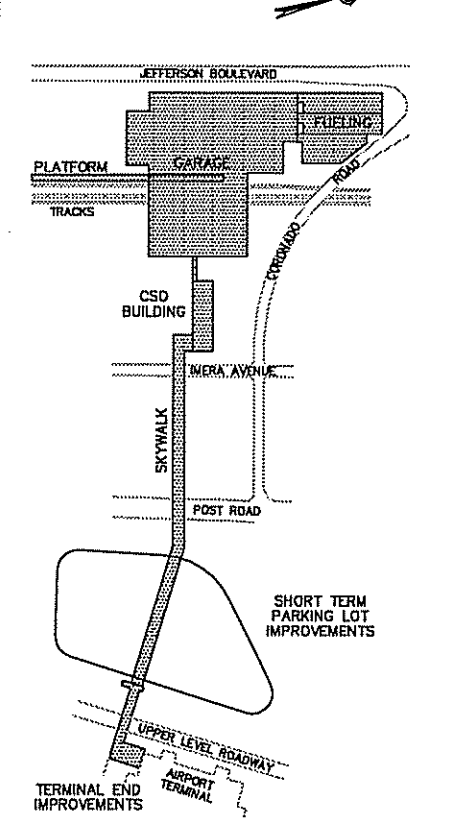
166 Valley Street
Building 6M, Suite 101
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CONSTRUCTION MANAGER

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ISSUE	DATE	DESCRIPTION
7		GMP SET

KEY PLAN:



CLIENT:
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RHODE ISLAND AIRPORT CORPORATION

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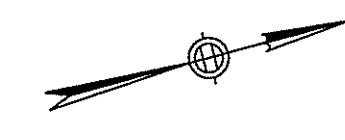
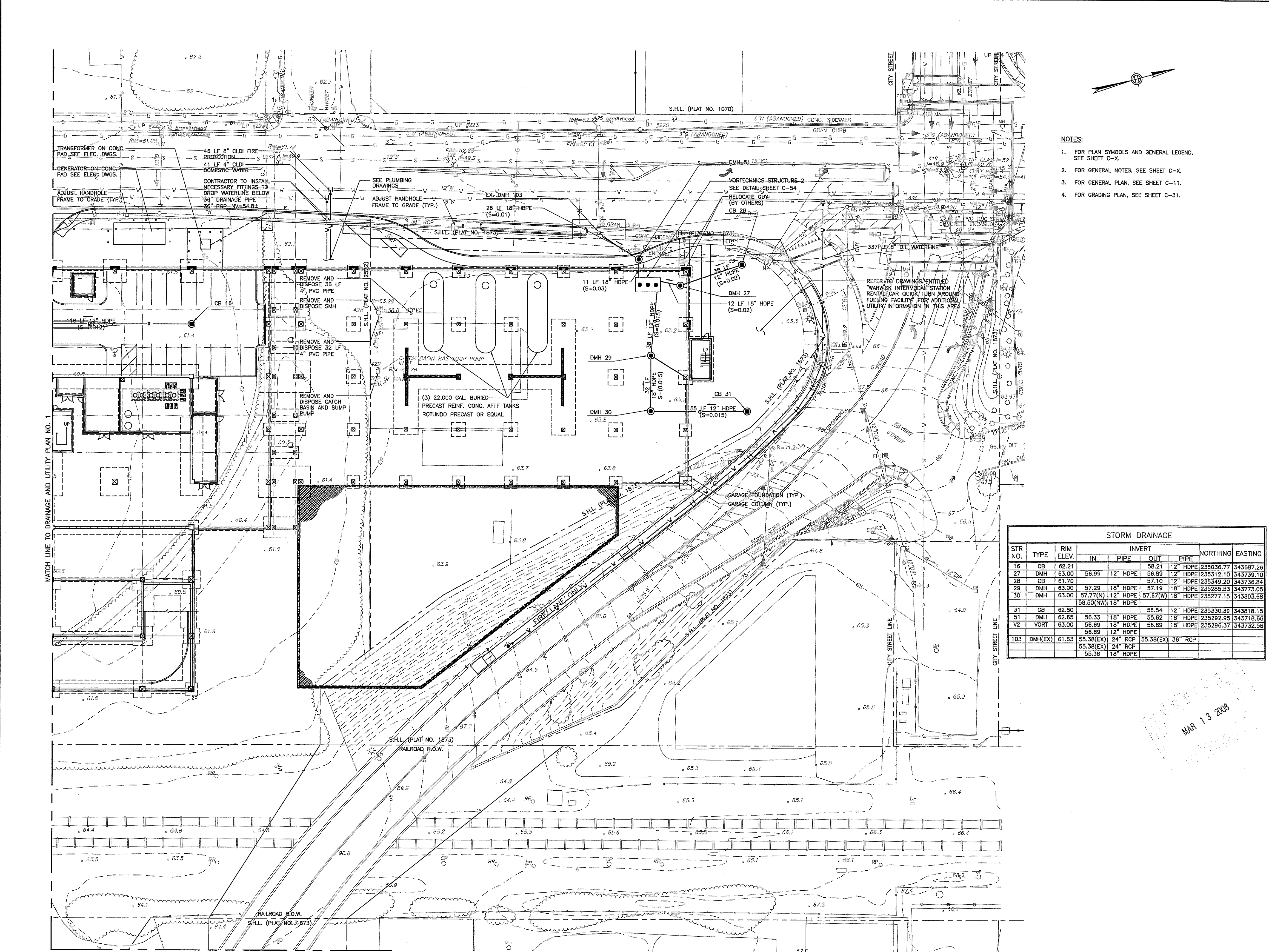
DRAWING TITLE:
DRAINAGE AND UTILITY PLAN NO. 1

JOB #: 980017004 DRAWN BY: BR
DATE: 03/03/08 CHECKED BY: EF
DRAWING NUMBER:

C-20

SCALE: 1" = 30'

Charles A. Hester



- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-11.
 4. FOR GRADING PLAN, SEE SHEET C-31.

STR NO.	TYPE	RIM ELEV.	INVERT		NORTHING	EASTING
			IN	OUT		
16	CB	62.21		58.21	12" HDPE	235036.77 343687.26
27	DMH	63.00	58.99	56.89	12" HDPE	235312.10 343739.10
28	CB	61.70		57.10	12" HDPE	235349.20 343736.84
29	DMH	63.00	57.28	57.19	18" HDPE	235285.53 343773.03
30	DMH	63.00	57.77(N)	57.67(W)	18" HDPE	235277.15 343803.68
31	CB	62.80		58.54	12" HDPE	235330.39 343818.13
51	DMH	62.65	58.33	55.62	18" HDPE	235292.95 343718.66
V2	VORT	63.00	56.89	56.89	18" HDPE	235296.37 343732.58
			56.69		12" HDPE	
103	DMH(EX)	61.63	55.38(EX)	55.38(EX)	24" RCP	
			55.38(EX)		24" RCP	
			55.36		18" HDPE	

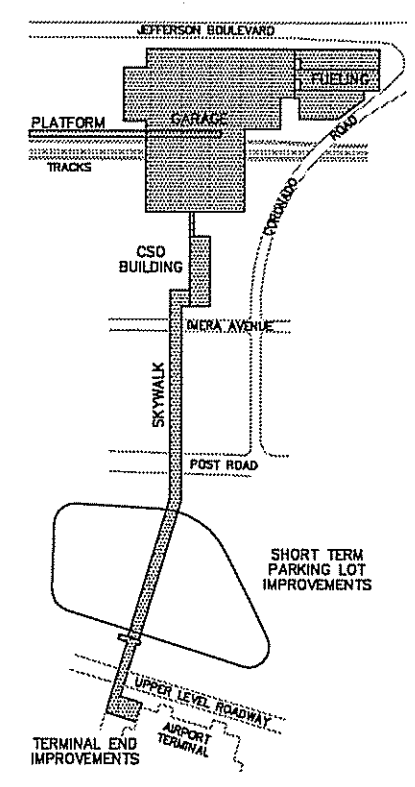
JE JACOBS
 Edwards and Kelcey
 166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909
 Voice: 401-272-1959
 Fax: 401-272-2045

Gilbane
 CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
7		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
 DEPARTMENT OF
 TRANSPORTATION
 RHODE ISLAND AIRPORT
 CORPORATION

PROJECT:

Warwick Intermodal Station
 Warwick, Rhode Island

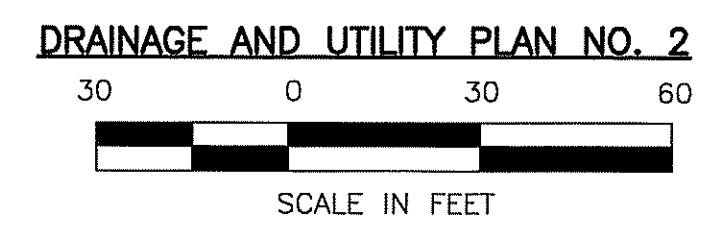
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED SEP 18 2008 FILE # 08-0073
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:
DRAINAGE AND UTILITY PLAN NO. 2

JOB #: 980017004 DRAWN BY: BR
 DATE: 03/03/08 CHECKED BY: BR
 DRAWING NUMBER:

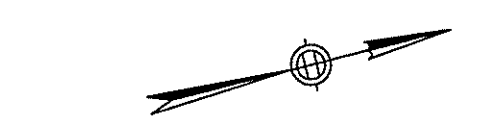
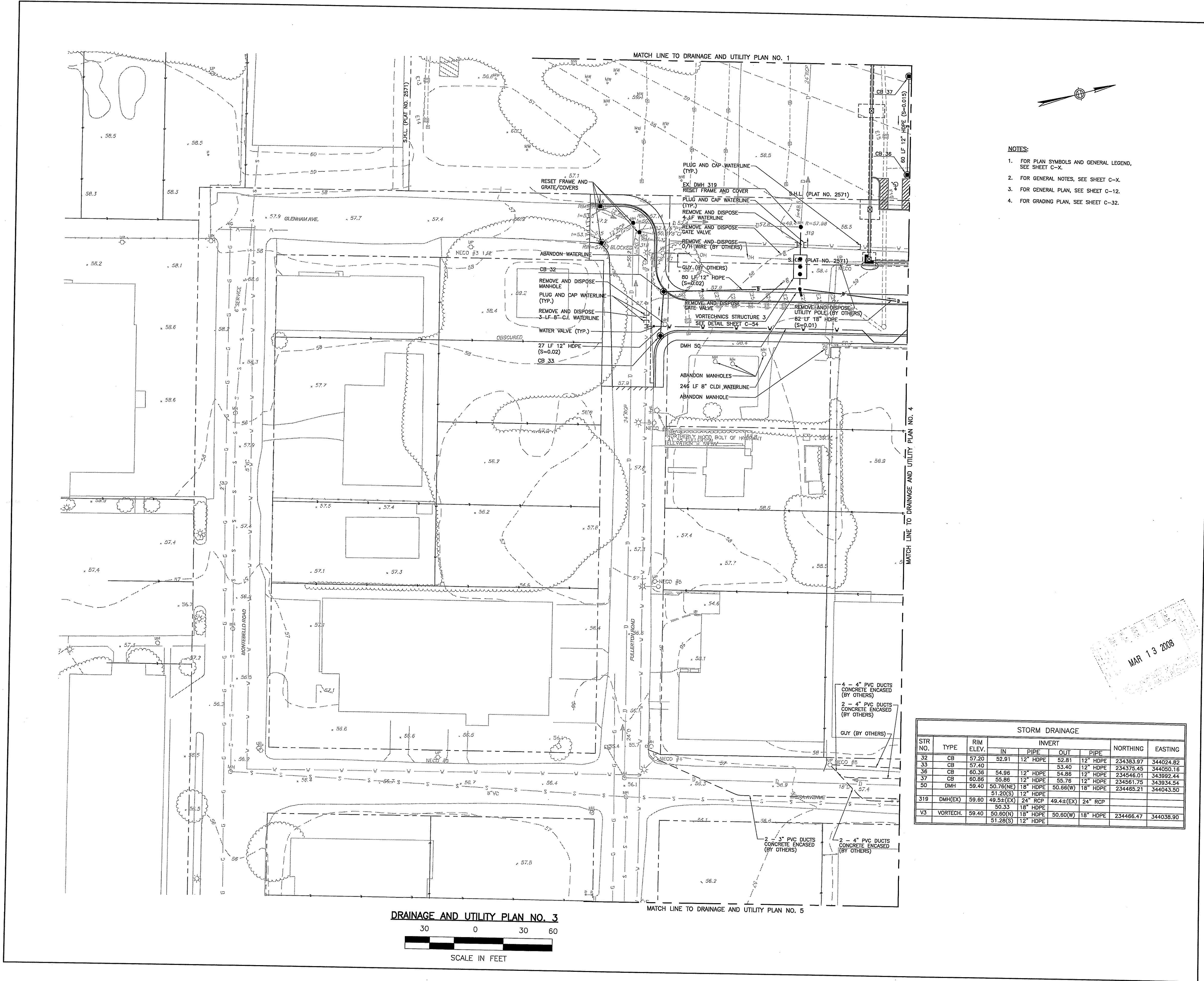
C-21

SCALE: 1" = 30'



Charles A. Hester

MAR 13 2008



- NOTES:**
- FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 - FOR GENERAL NOTES, SEE SHEET C-X.
 - FOR GENERAL PLAN, SEE SHEET C-12.
 - FOR GRADING PLAN, SEE SHEET C-32.

STR NO.	TYPE	RIM ELEV.	INVERT		NORTHING	EASTING		
			IN PIPE	OUT PIPE				
32	CB	57.20	52.91	12" HDPE	52.81	12" HDPE	234383.87	344024.82
33	CB	57.40			53.40	12" HDPE	234375.45	344050.16
36	CB	60.36	54.96	12" HDPE	54.86	12" HDPE	234546.01	343992.44
37	CB	60.86	55.86	12" HDPE	55.76	12" HDPE	234561.75	343934.54
50	DMH	59.40	50.78(N)	18" HDPE	50.66(W)	18" HDPE	234465.21	344043.50
319	DMH(EX)	59.60	51.20(S)	12" HDPE	49.44(EX)	24" RCP		
V3	VORTECH	59.40	50.60(N)	18" HDPE	50.60(W)	18" HDPE	234466.47	344038.90
			51.28(S)	12" HDPE				

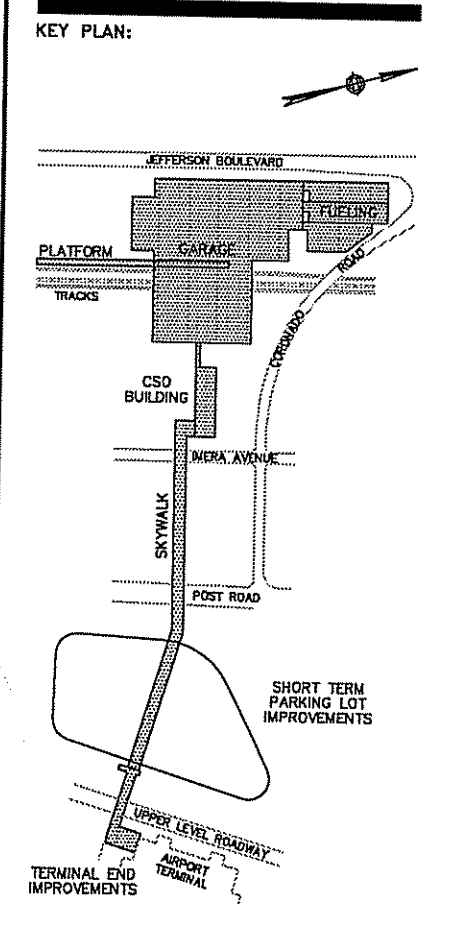
JE JACOBS
Edwards and Kelley

166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1069
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:	DATE	DESCRIPTION
		GMP SET



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION
•
RHODE ISLAND AIRPORT
CORPORATION

PROJECT:

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
SEP 18 2008 FILE # DB-0013
AND CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

DRAINAGE AND
UTILITY PLAN NO. 3

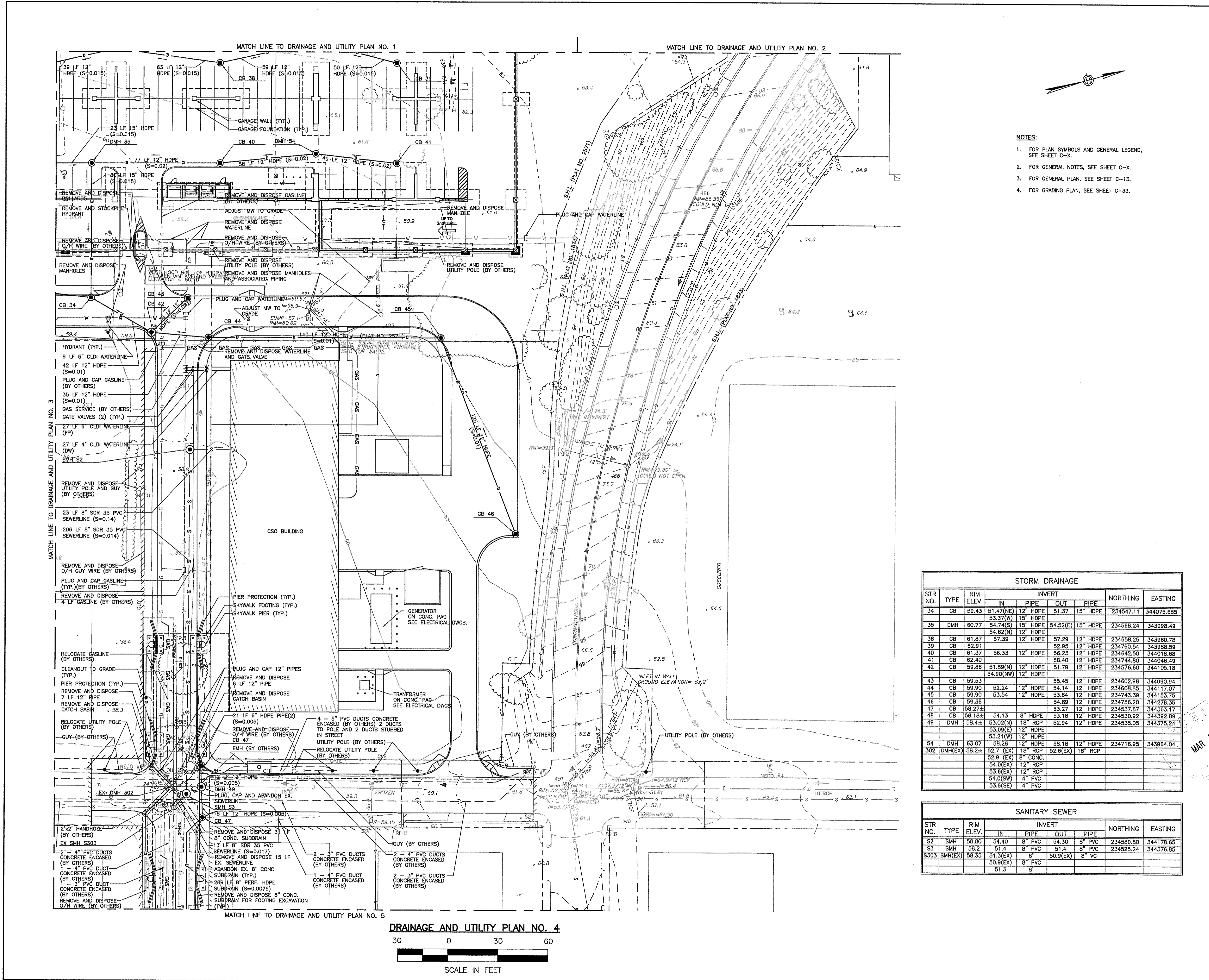
JOB #: 980017004 **DRAWN BY:** BR
DATE: 03/03/08 **CHECKED BY:** EP
DRAWING NUMBER:

C-22

SCALE: 1" = 30'

Charles A. Hart

MAR 13 2008



- NOTES:**
- FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 - FOR GENERAL NOTES, SEE SHEET C-X.
 - FOR GENERAL PLAN, SEE SHEET C-13.
 - FOR GRADING PLAN, SEE SHEET C-33.

STORM DRAINAGE

STR NO.	TYPE	RIM ELEV.	INVERT			NORTHING	EASTING
			IN	PIPE	OUT		
34	CB	59.43	51.47(N)	12" HDPE	51.37	15" HDPE	234547.11 344075.685
35	DMH	60.77	54.74(S)	15" HDPE	54.52(C)	15" HDPE	234568.24 343998.49
			54.62(N)	12" HDPE			
38	CB	61.87	57.39	12" HDPE	57.29	12" HDPE	234658.25 343960.78
39	CB	62.91			52.95	12" HDPE	234760.54 343988.59
40	CB	61.37	56.33	12" HDPE	56.23	12" HDPE	234642.50 344018.68
41	CB	62.40			58.40	12" HDPE	234744.80 344046.49
42	CB	59.88	51.89(N)	12" HDPE	51.79	12" HDPE	234576.60 344105.18
43	CB	59.53			55.45	12" HDPE	234602.98 344090.94
			52.24	12" HDPE	54.14	12" HDPE	234608.85 344117.07
45	CB	59.90	53.54	12" HDPE	53.64	12" HDPE	234743.39 344153.75
46	CB	59.36			54.89	12" HDPE	234796.20 344278.35
47	CB	59.27			53.77	12" HDPE	234537.87 344363.17
48	CB	58.18	54.13	8" HDPE	53.18	12" HDPE	234530.92 344392.89
49	DMH	58.42	53.02(N)	18" RCP	52.94	12" HDPE	234535.05 344375.24
54	DMH	63.07			53.99(E)	12" HDPE	
			58.28	12" HDPE	58.18	12" HDPE	234716.95 343964.04
302	DMH	58.28			52.7	(EX) 18" RCP	
					52.6	(EX) 18" RCP	
			54.0	(EX) 12" RCP			
			53.6	(EX) 12" RCP			
			54.0	(SW) 4" PVC			
			53.6	(EX) 4" PVC			

SANITARY SEWER

STR NO.	TYPE	RIM ELEV.	INVERT			NORTHING	EASTING
			IN	PIPE	OUT		
52	SMH	58.80	54.40	8" PVC	54.30	8" PVC	234580.80 344178.65
53	SMH	58.2	51.4	8" PVC	51.4	8" PVC	234525.24 344376.85
S303	SMH	58.35			50.9	(EX) 8" VC	
					51.3	8"	

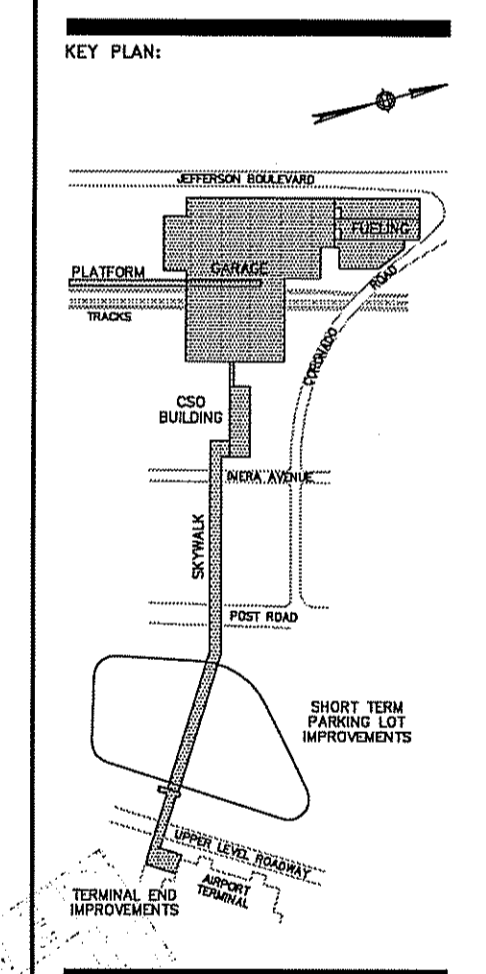
JE JACOBS
Edwards and Kelcey

166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:	DATE	DESCRIPTION
		GMP SET



CLIENT:
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
RHODE ISLAND AIRPORT CORPORATION

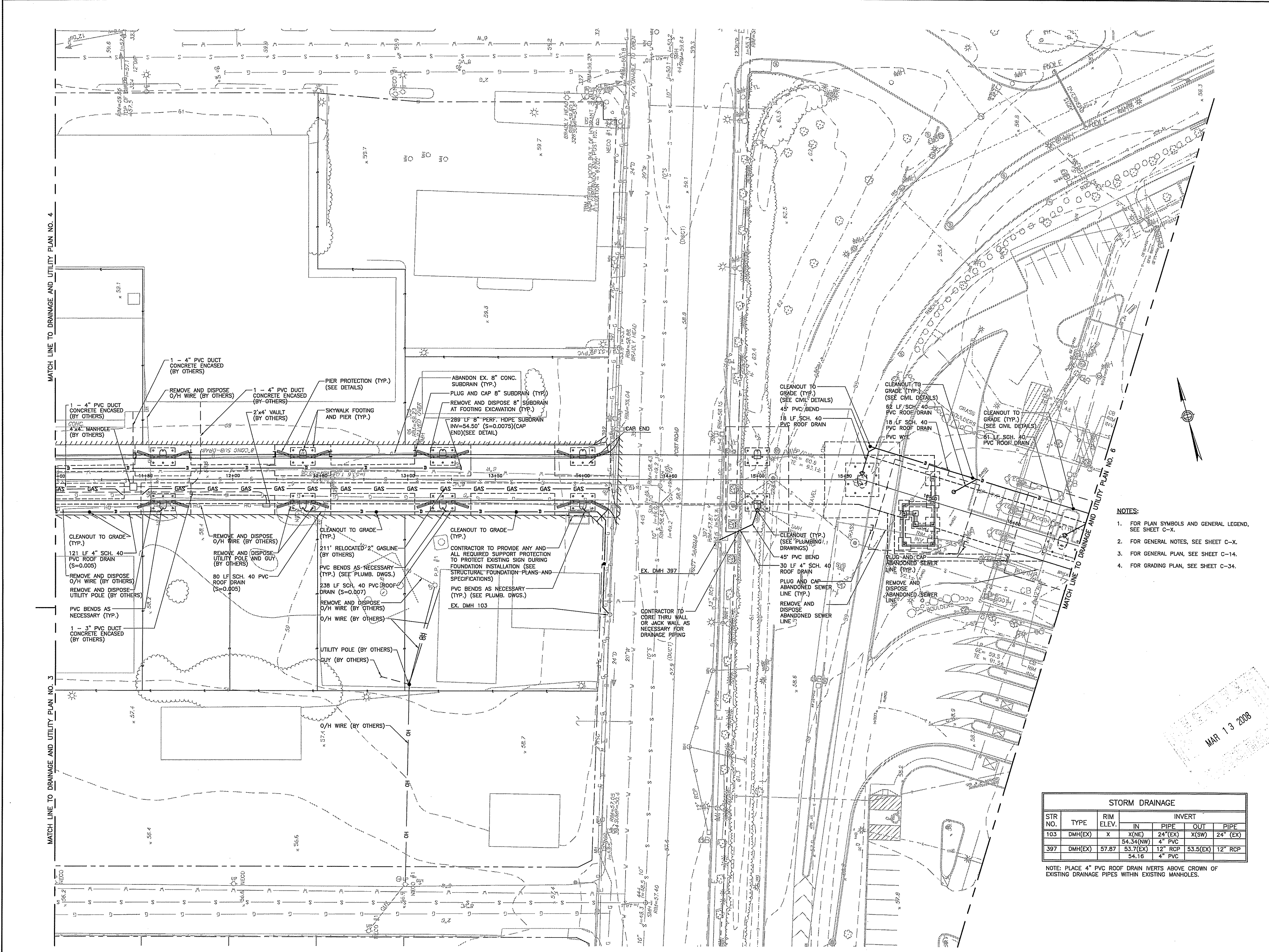
PROJECT: DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
AS SPECIFIED IN THE LETTER OF APPROVAL
SEP 18 2008 FILE # 08-0073
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAINAGE AND UTILITY PLAN NO. 4

JOB #: 980017004 DRAWN BY: BR
DATE: 03/03/08 CHECKED BY: EF
DRAWING NUMBER:

C-23
SCALE: 1" = 30'

Charles A. [Signature]



MATCH LINE TO DRAINAGE AND UTILITY PLAN NO. 4

MATCH LINE TO DRAINAGE AND UTILITY PLAN NO. 3

DRAINAGE AND UTILITY PLAN NO. 5

30 0 30 60

SCALE IN FEET

- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-14.
 4. FOR GRADING PLAN, SEE SHEET C-34.

STORM DRAINAGE						
STR NO.	TYPE	RIM ELEV.	INVERT		PIPE	PIPE
			IN	OUT		
103	DMH(EX)	X	X(NE) 24"(EX)	X(SW) 24"(EX)	4" PVC	24"(EX)
397	DMH(EX)	57.87	53.7(EX) 54.16	53.5(EX) 53.5	12" RCP	12" RCP

NOTE: PLACE 4" PVC ROOF DRAIN VERTS ABOVE CROWN OF EXISTING DRAINAGE PIPES WITHIN EXISTING MANHOLES.

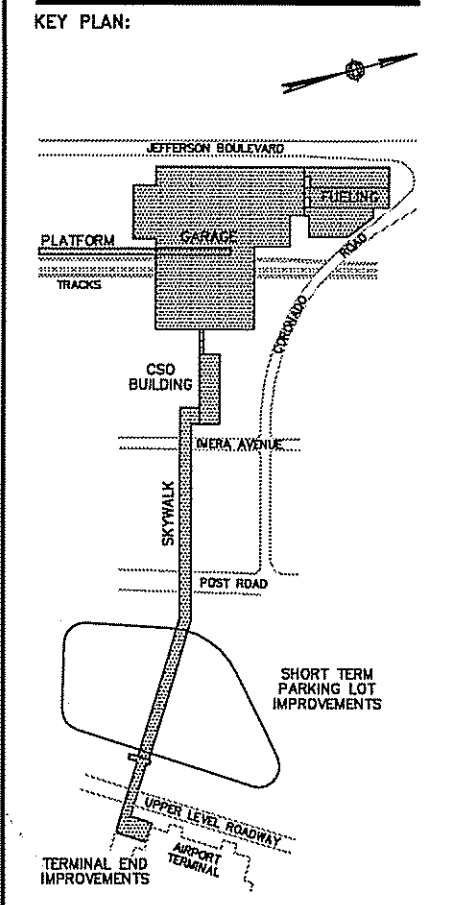
JE JACOBS
Edwards and Kelcey

166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:	DATE	DESCRIPTION
1		GMP SET



CLIENT:

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

RHODE ISLAND AIRPORT CORPORATION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
DATED SEP 18 2008 FILE # 08-0073
AS SPECIFIED IN THE LETTER OF APPROVAL
CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

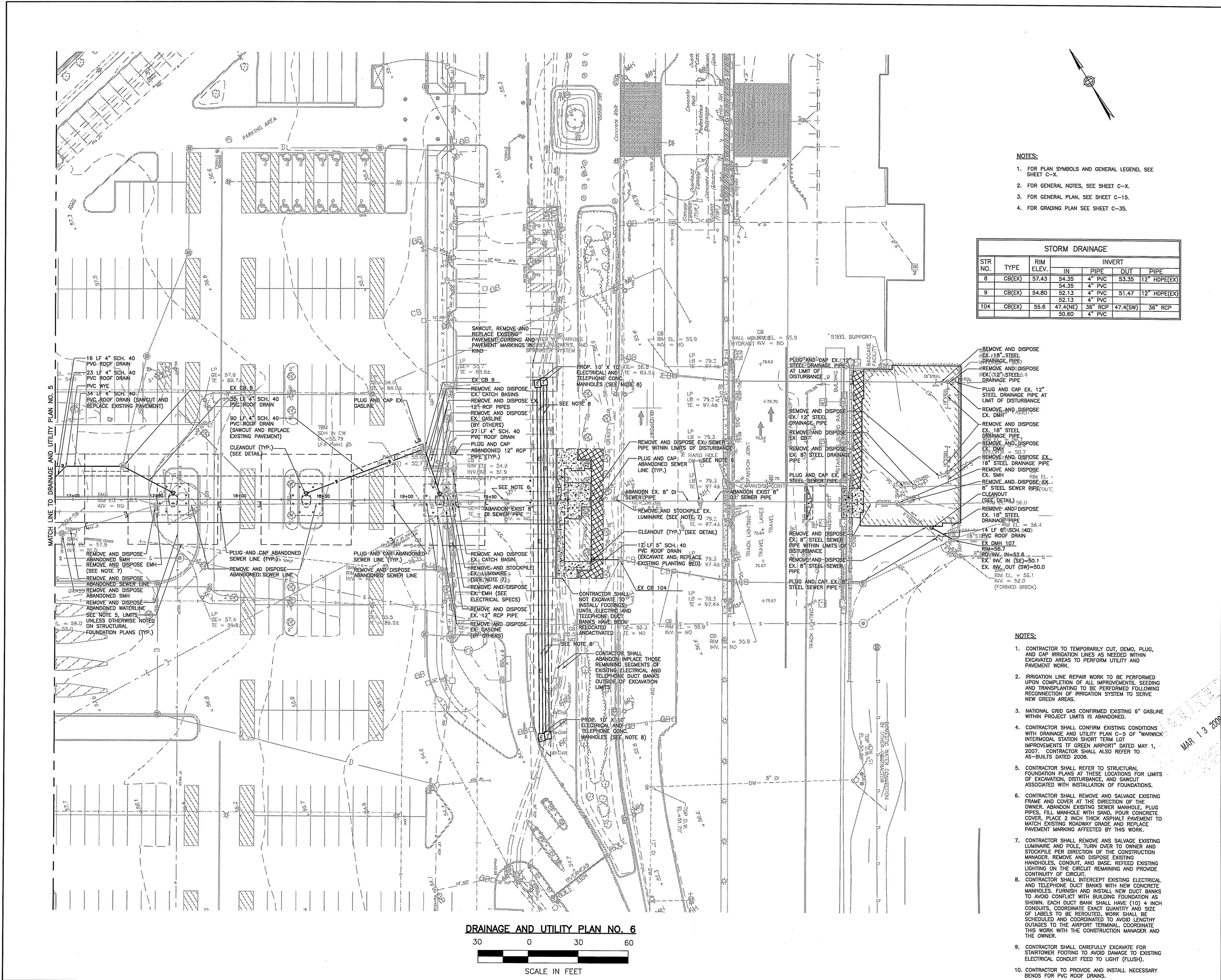
DRAINAGE AND UTILITY PLAN NO. 5

JOB #: 980017004 DRAWN BY: BR
DATE: 03/03/08 CHECKED BY: EP
DRAWING NUMBER:

C-24

SCALE: 1" = 30'

Charles A. Hackett



- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-15.
 4. FOR GRADING PLAN SEE SHEET C-35.

STORM DRAINAGE						
STR NO.	TYPE	RIM ELEV.	IN	PIPE	OUT	PIPE
8	CB(EX)	57.43	54.35	4" PVC	53.35	12" HDPE(EX)
9	CB(EX)	54.80	52.13	4" PVC	51.47	12" HDPE(EX)
104	CB(EX)	55.6	47.4(NE)	36" RCP	47.4(SW)	36" RCP
			50.60	4" PVC		

- NOTES:**
1. CONTRACTOR TO TEMPORARILY CUT, DEMO, PLUG, AND CAP ORIGATION LINES AS NEEDED WITHIN EXCAVATED AREAS TO PERFORM UTILITY AND PAVEMENT WORK.
 2. IRRIGATION LINE REPAIR WORK TO BE PERFORMED UPON COMPLETION OF ALL IMPROVEMENTS, SEEDING AND TRANSPLANTING TO BE PERFORMED FOLLOWING RECONNECTION OF IRRIGATION SYSTEM TO SERVE NEW GREEN AREAS.
 3. NATIONAL GRID GAS CONFIRMED EXISTING 6" GASLINE WITHIN PROJECT LIMITS IS ABANDONED.
 4. CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS WITH DRAINAGE AND UTILITY PLAN C-5 OF 'WARWICK' INTERMEDIATE STATION SHORT TERM LOT IMPROVEMENTS IF GREEN AIRPORT DATED MAY 1, 2007. CONTRACTOR SHALL ALSO REFER TO AS-BUILTS DATED 2008.
 5. CONTRACTOR SHALL REFER TO STRUCTURAL FOUNDATION PLANS AT THESE LOCATIONS FOR LIMITS OF EXCAVATION, DISTURBANCE AND SAWCUT ASSOCIATED WITH INSTALLATION OF FOUNDATIONS.
 6. CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING FRAME AND COVER AT THE DIRECTION OF THE OWNER. ABANDON EXISTING SEWER MANHOLE, PLUG PIPES, FILL MANHOLE WITH SAND, POUR CONCRETE COVER, PLACE 2 INCH THICK ASPHALT PAVEMENT TO MATCH EXISTING ROADWAY GRADE AND REPLACE PAVEMENT MARKING AFFECTED BY THIS WORK.
 7. CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING LUMINAIRE AND POLE. TURN OVER TO OWNER AND STOCKPILE PER DIRECTION OF THE CONSTRUCTION MANAGER. REMOVE AND DISPOSE EXISTING MANHOLES, CONDUIT, AND BASE. RETIE EXISTING LIGHTING ON THE CIRCUIT REMAINING AND PROVIDE CONTINUITY OF CIRCUIT.
 8. CONTRACTOR SHALL INTERCEPT EXISTING ELECTRICAL AND TELEPHONE DUCT BANKS WITH NEW CONCRETE MANHOLES, FURNISH AND INSTALL NEW DUCT BANKS TO AVOID CONFLICT WITH BUILDING FOUNDATION AS SHOWN. EACH DUCT BANK SHALL HAVE (10) 4 INCH CONDUITS, COORDINATE EXACT QUANTITY AND SIZE OF LABELS TO BE REROUTED. WORK SHALL BE SCHEDULED AND COORDINATED TO AVOID LENGTHY OUTAGES TO THE AIRPORT TERMINAL. COORDINATE THIS WORK WITH THE CONSTRUCTION MANAGER AND THE OWNER.
 9. CONTRACTOR SHALL CAREFULLY EXCAVATE FOR STARTOWER FOOTING TO AVOID DAMAGE TO EXISTING ELECTRICAL CONDUIT FEED TO LIGHT (FLUSH).
 10. CONTRACTOR TO PROVIDE AND INSTALL NECESSARY BENDS FOR PVC ROOF DRAINS.

DRAINAGE AND UTILITY PLAN NO. 6
 30 0 30 60
 SCALE IN FEET

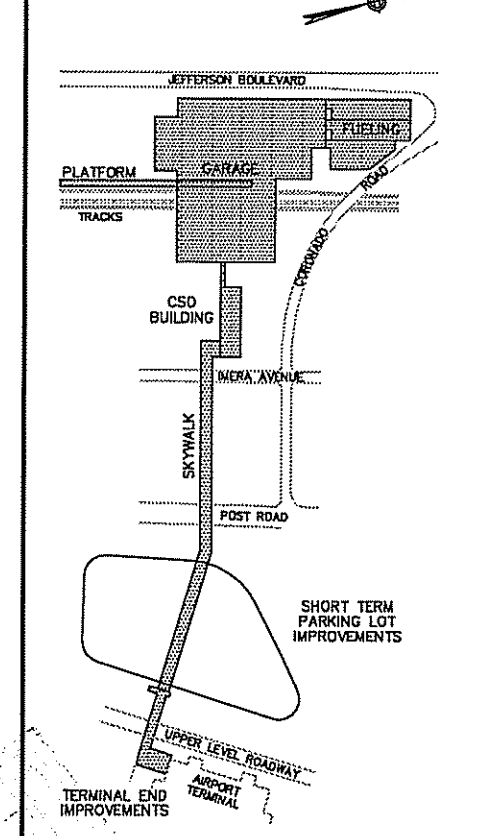
JACOBS
 Edwards and Kelcey
 166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909
 Voice: 401-272-1969
 Fax: 401-272-2045

Gilbane
 CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
1		GMP SET

KEY PLAN:



CLIENT:

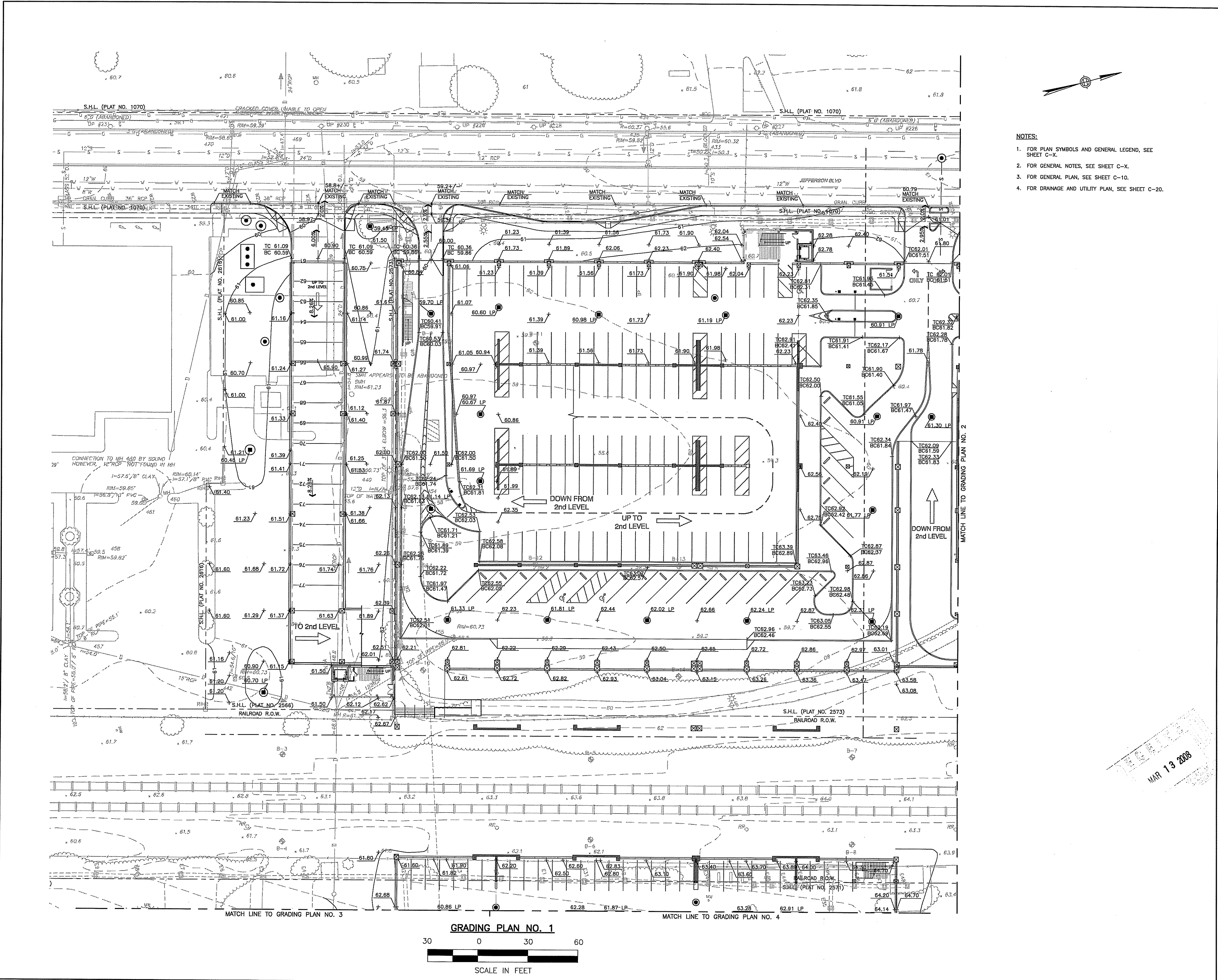
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL

PROJECT: **Warwick Intermediate Station**
 DATED: **SEP 18 2008** FILE # **D8-0073**
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:
DRAINAGE AND UTILITY PLAN NO. 6

JOB #: 980017004 DRAWN BY: BR
 DATE: 03/03/08 CHECKED BY: EP
 DRAWING NUMBER:

C-25
 SCALE: 1" = 30'



- NOTES:
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-10.
 4. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-20.

JACOBS
Edwards and Kelcey

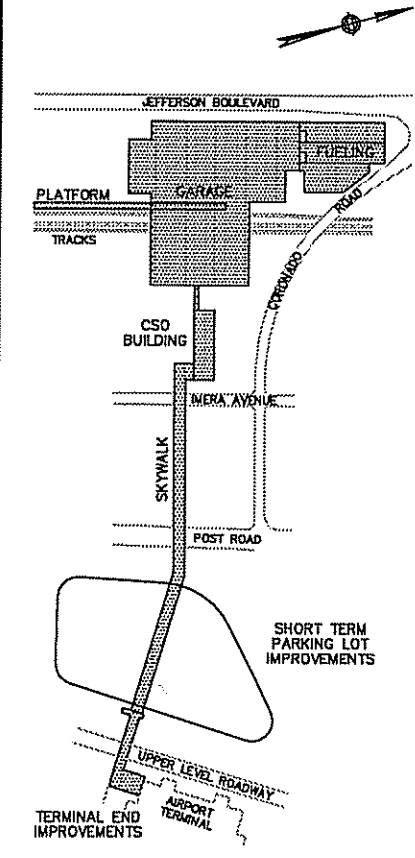
166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

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CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:	DATE	DESCRIPTION
1		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION

RHODE ISLAND AIRPORT
CORPORATION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

PROJECT:

**Warwick Intermodal
Station**
Warwick, Rhode Island

APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **SEP 18 2008** FILE # **08-0073**
CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

GRADING PLAN NO. 1

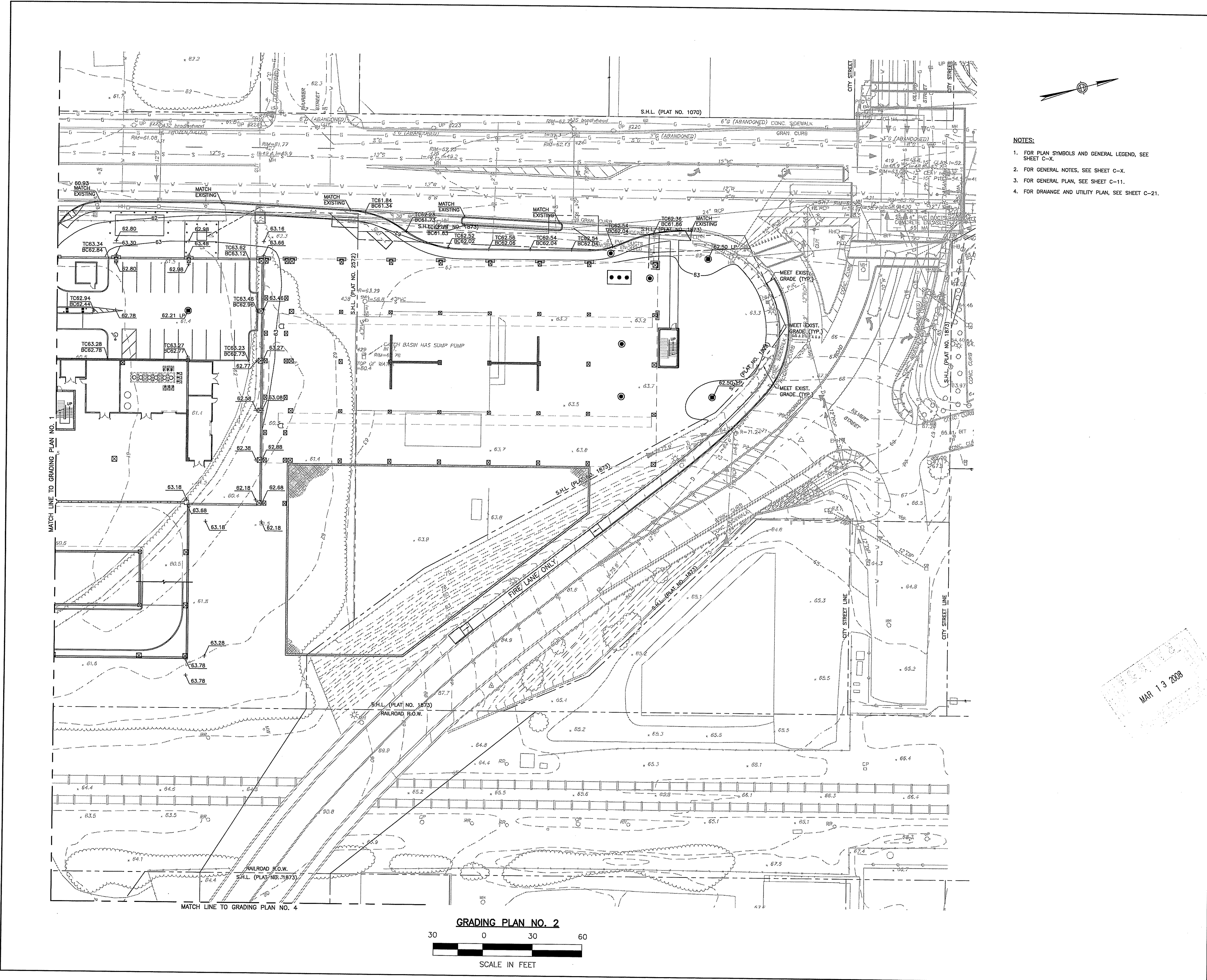
JOB #: 980017004 DRAWN BY: BR
DATE: 03/03/08 CHECKED BY: EP
DRAWING NUMBER:

C-30

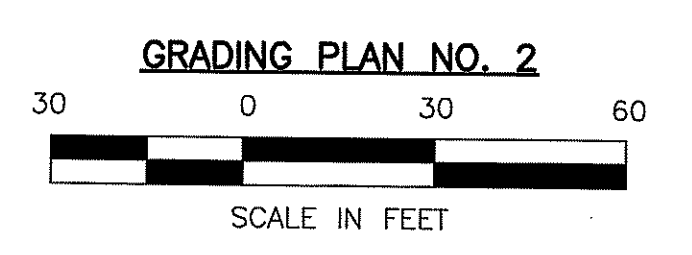
SCALE: 1" = 30'

MAR 13 2008

Charles A. Hester



- NOTES:
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-11.
 4. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-21.



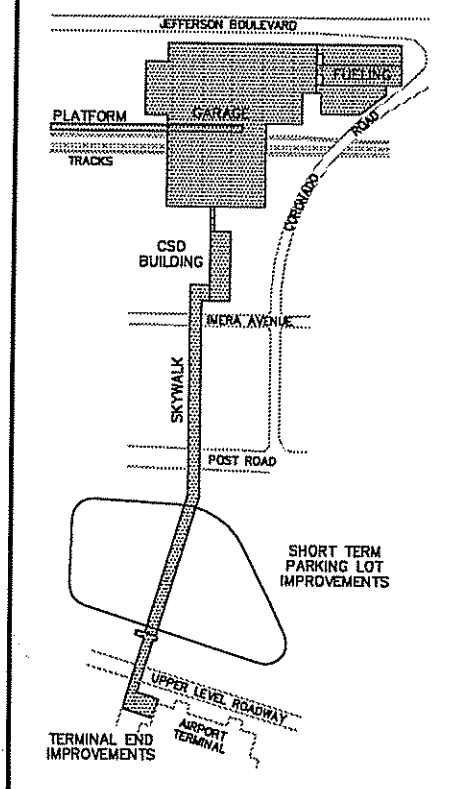
166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02809
 Voice: 401-272-1969
 Fax: 401-272-2045



CERTIFICATION:

ISSUE #	DATE	DESCRIPTION
		OMP SET

KEY PLAN:



CLIENT:
 RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 RHODE ISLAND AIRPORT CORPORATION

PROJECT:
 Warwick Intermodal Station
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 DATED SEP 18 2008 FILE # 08-0073
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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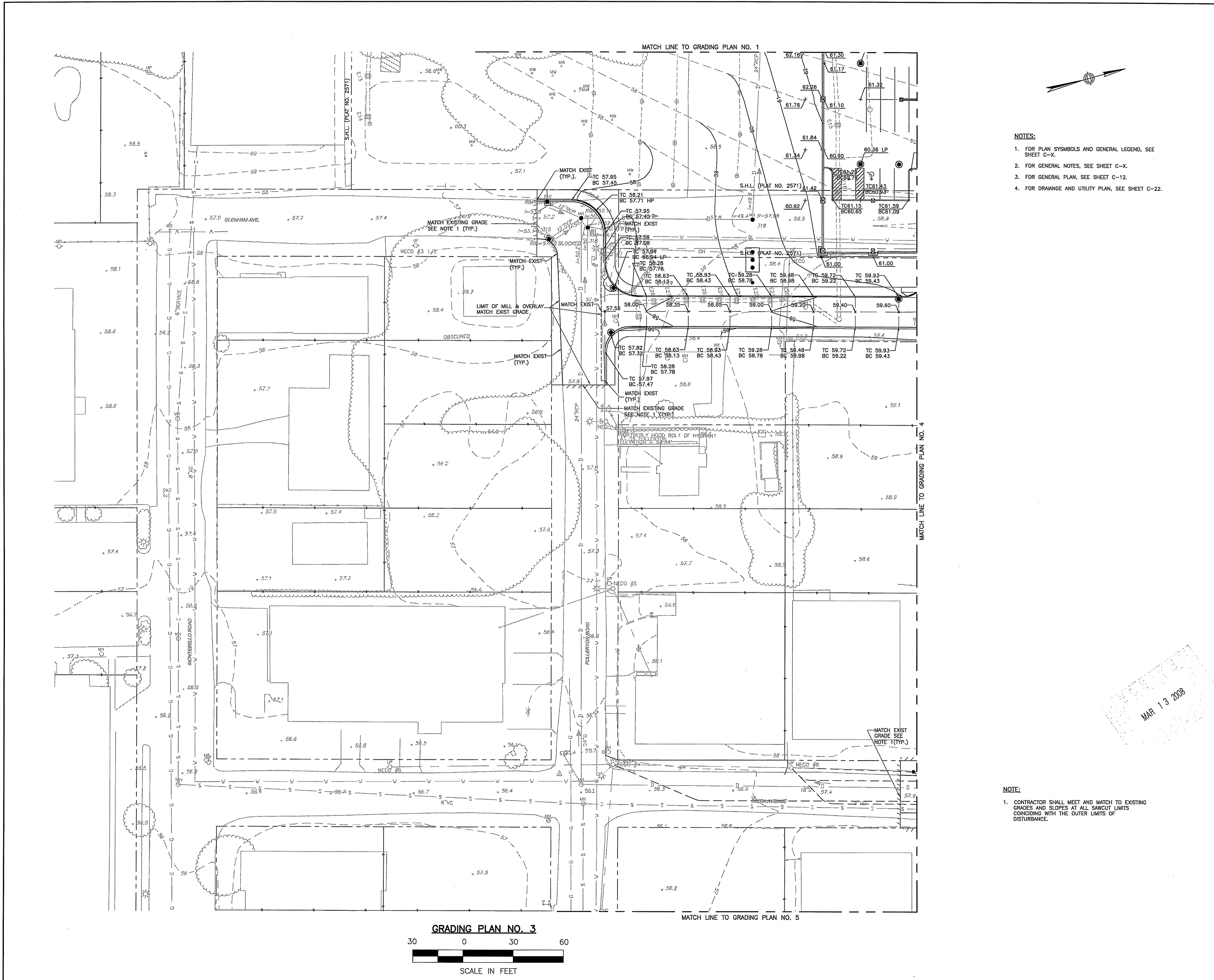
DRAWING TITLE:
 GRADING PLAN NO. 2

JOB #: 980017004 DRAWN BY: BR
 DATE: 03/03/08 CHECKED BY: EP
 DRAWING NUMBER:

C-31
 SCALE: 1" = 30'

Charles A. Walter

MAR 13 2008



- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-12.
 4. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-22.

JE JACOBS
Edwards and Kelcey

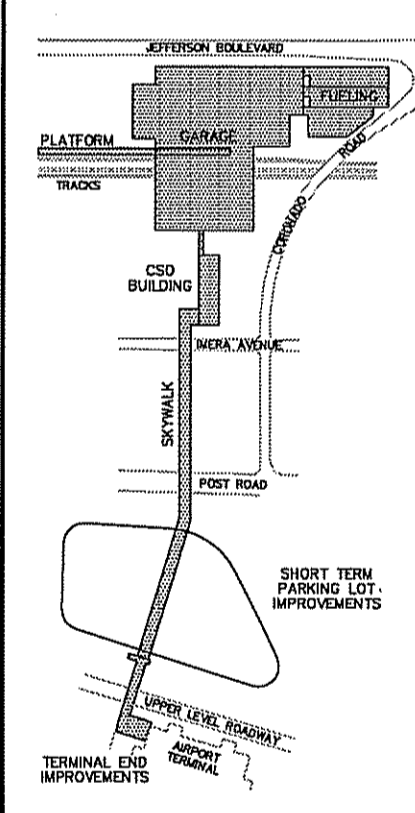
166 Volley Street
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:	DATE	DESCRIPTION
1		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION
RHODE ISLAND AIRPORT
CORPORATION

PROJECT:

Warwick Intermodal Station
Warwick, Rhode Island

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 18 2008 FILE # DR-0073
CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

GRADING PLAN NO. 3

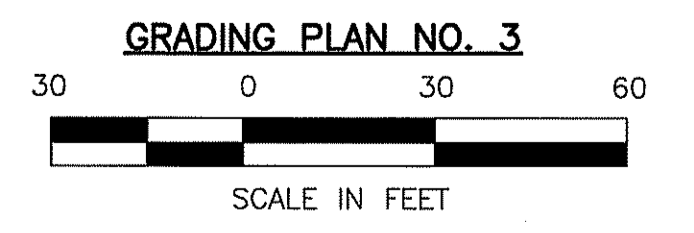
JOB #: 980017004 DRAWN BY: BR
DATE: 03/03/08 CHECKED BY: EP
DRAWING NUMBER:

C-32

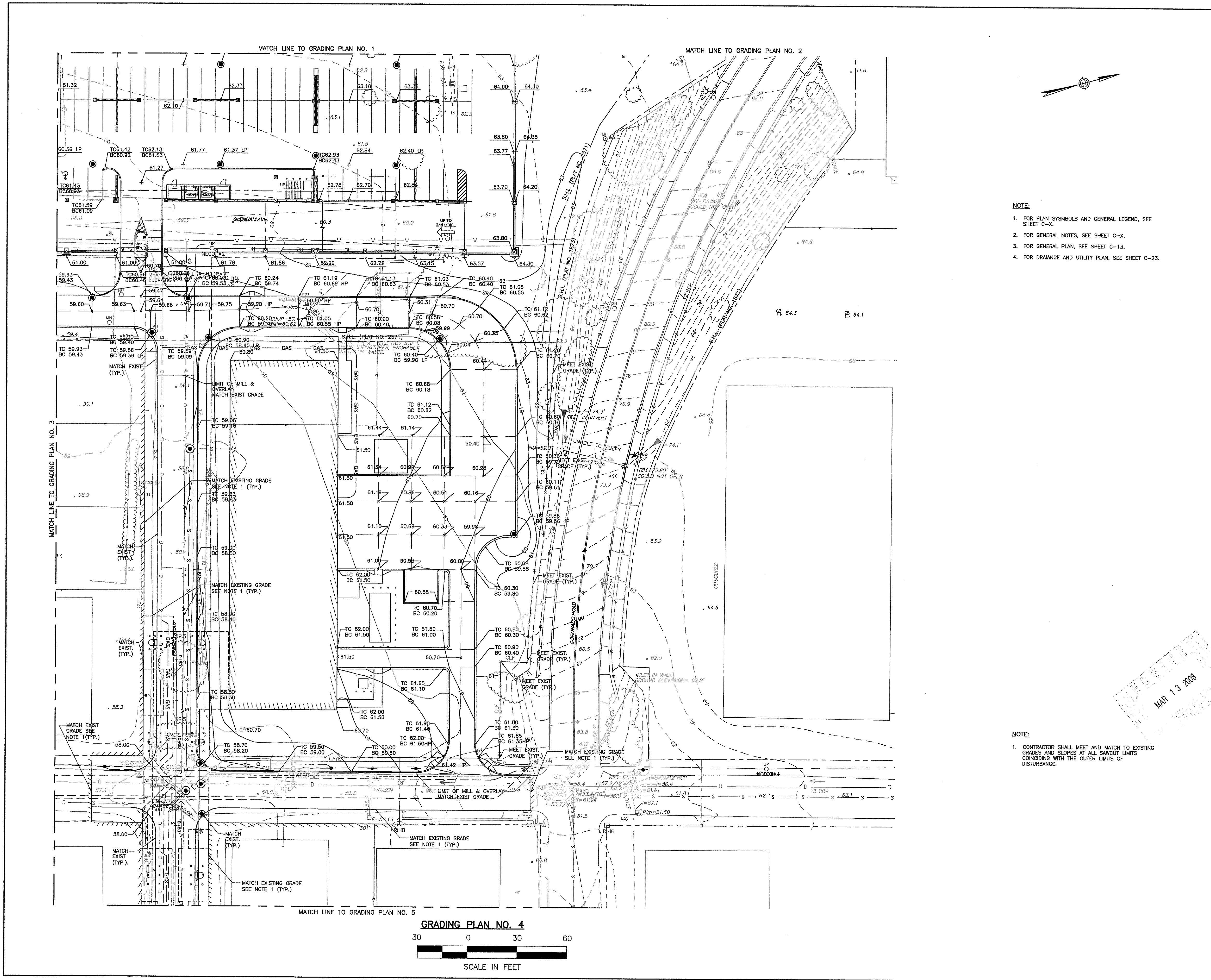
SCALE: 1" = 30'

MAR 13 2008

NOTE:
1. CONTRACTOR SHALL MEET AND MATCH TO EXISTING GRADES AND SLOPES AT ALL SAWCUT LIMITS CONCORDING WITH THE OUTER LIMITS OF DISTURBANCE.



Charles A. [Signature]



JACOBS
Edwards and Kelcey

166 Valley Street
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Voice: 401-272-1969
Fax: 401-272-2045

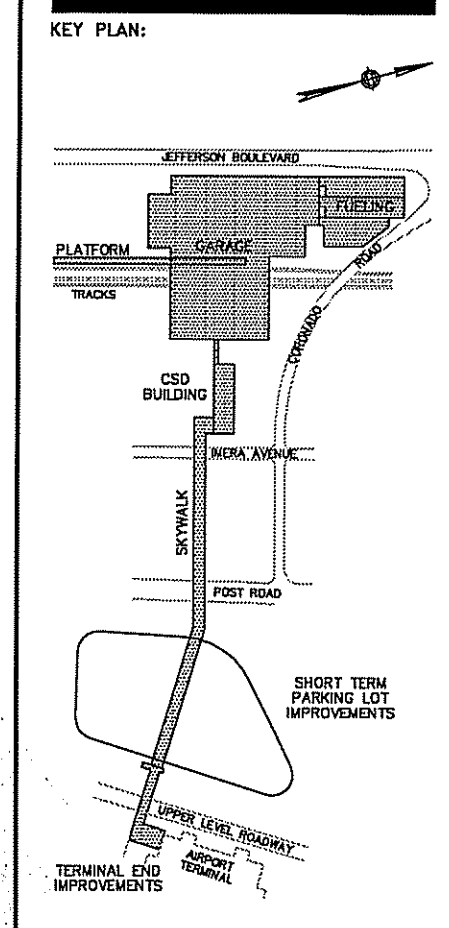
Gilbane
CONSTRUCTION MANAGER

NOTE:

1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
2. FOR GENERAL NOTES, SEE SHEET C-X.
3. FOR GENERAL PLAN, SEE SHEET C-13.
4. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-23.

CERTIFICATION:

ISSUE #	DATE	DESCRIPTION
1	02/11/08	GMP SET



CLIENT:

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
RHODE ISLAND AIRPORT CORPORATION

PROJECT:

Warwick Intermodal Station
Warwick, Rhode Island

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 18 2008 FILE # D8-0073
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

GRADING PLAN NO. 4

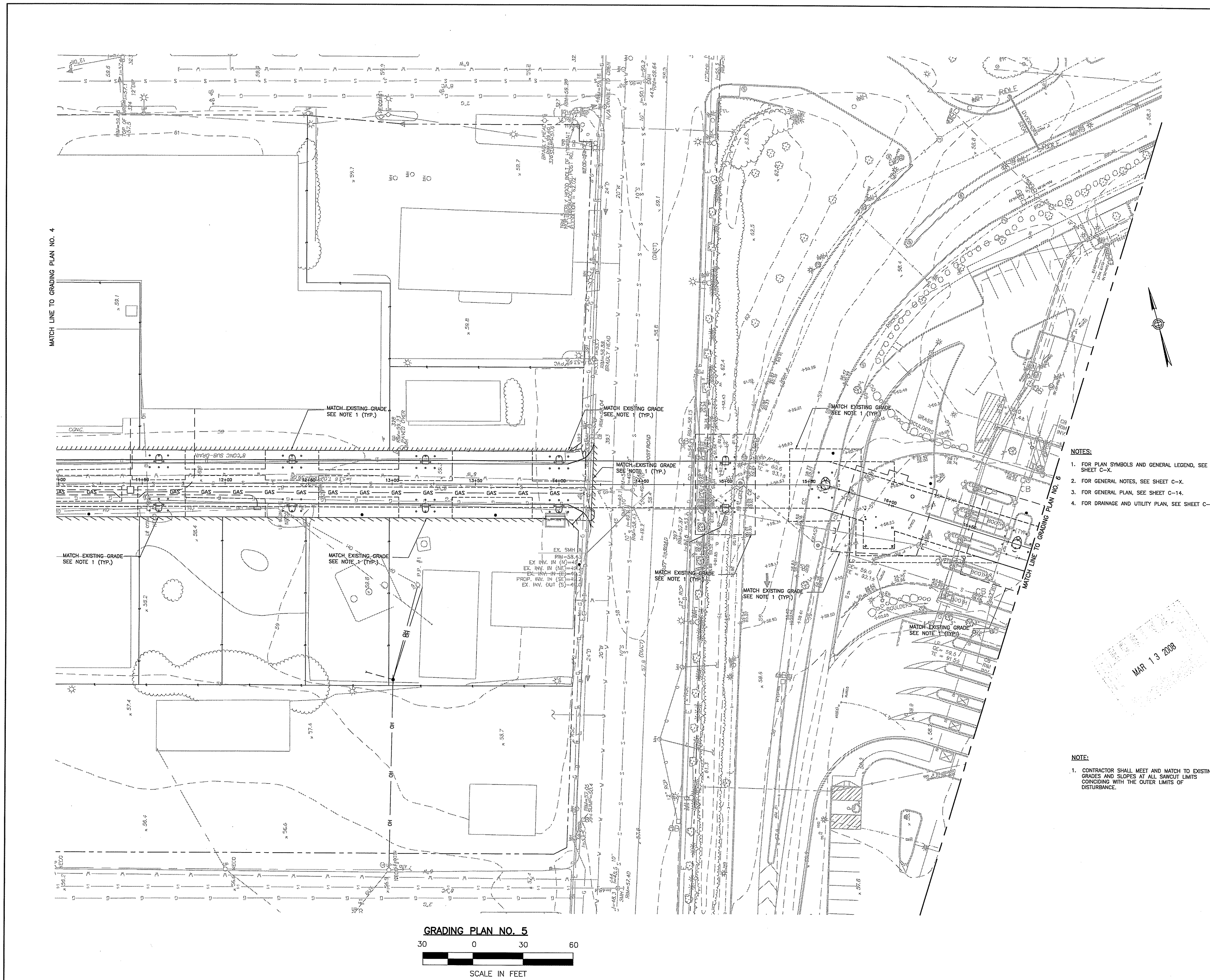
JOB #: 980017004 DRAWN BY: BR
DATE: 03/03/08 CHECKED BY: EP
DRAWING NUMBER:

C-33

SCALE: 1" = 30'

Charles A. [Signature]

MAR 13 2008



GRADING PLAN NO. 5
 30 0 30 60
 SCALE IN FEET

- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-14.
 4. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-24.

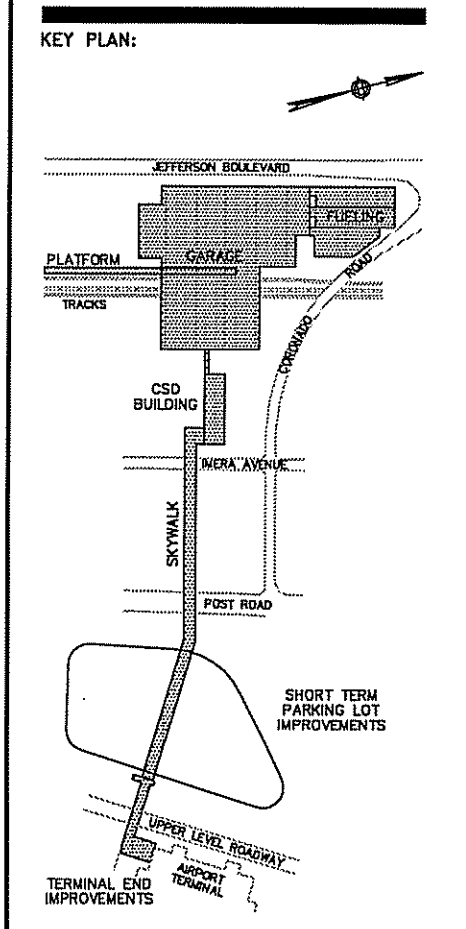
- NOTE:**
1. CONTRACTOR SHALL MEET AND MATCH TO EXISTING GRADES AND SLOPES AT ALL SAWCUT LIMITS CONCIDING WITH THE OUTER LIMITS OF DISTURBANCE.

JE JACOBS
 Edwards and Kelcey
 166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909
 Voice: 401-272-1959
 Fax: 401-272-2045

Gilbane
 CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
1	02/11/08	GMP SET



CLIENT:
 RHODE ISLAND
 DEPARTMENT OF
 TRANSPORTATION
 RHODE ISLAND AIRPORT
 CORPORATION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED SEP 18 2008 FILE # 08-0073
 CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

PROJECT:
Warwick Intermodal Station
 Warwick, Rhode Island

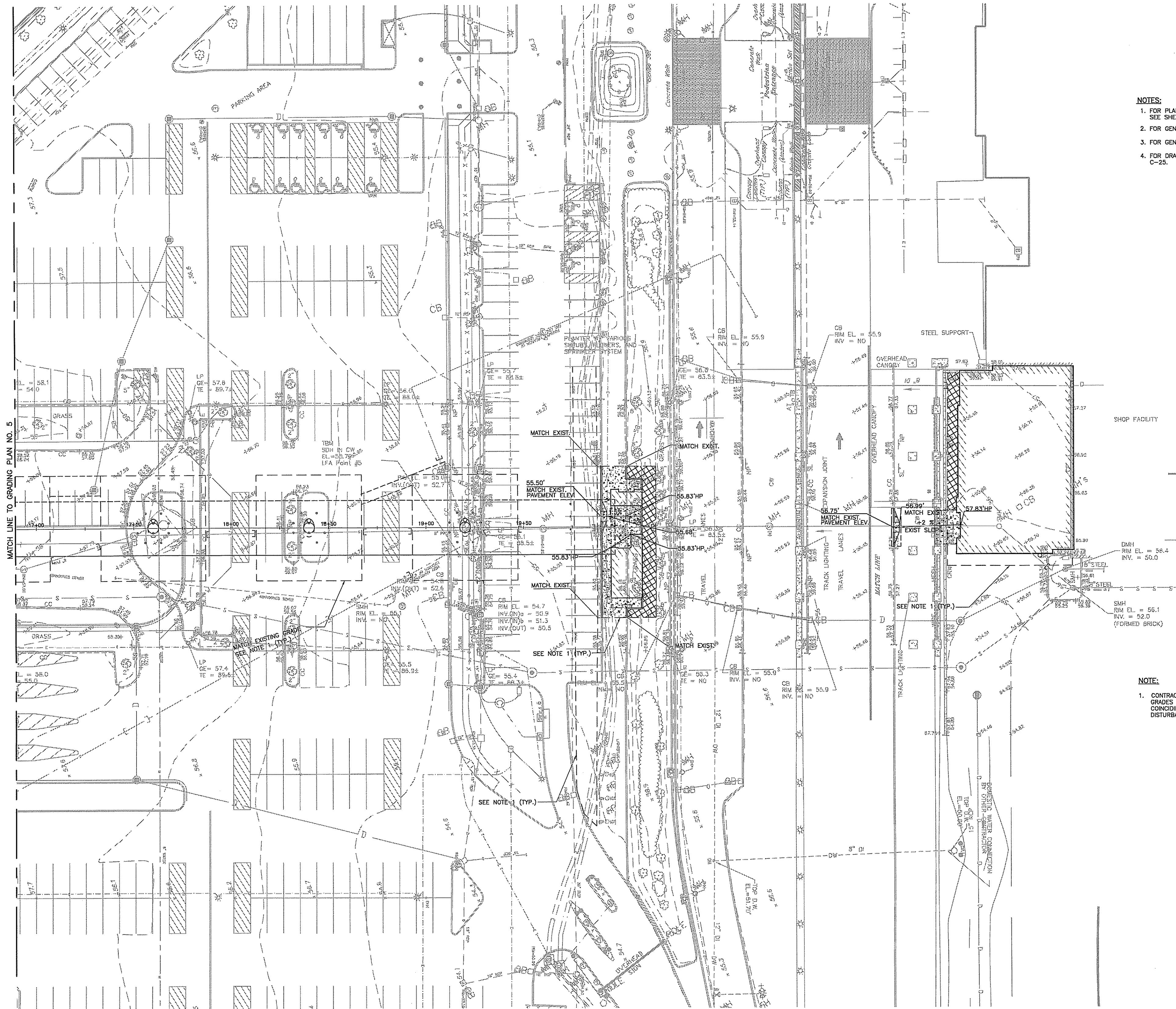
DRAWING TITLE:
GRADING PLAN NO. 5

JOB #: 980017004 DRAWN BY: BR
 DATE: 03/03/08 CHECKED BY: EP
 DRAWING NUMBER:
C-34

SCALE: 1" = 30'

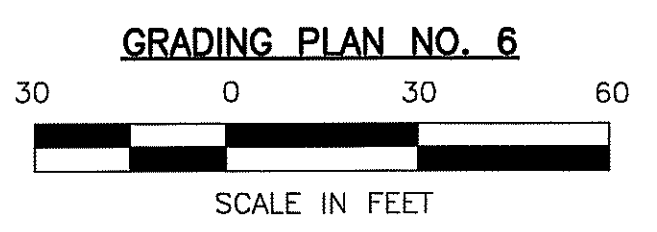
MAR 13 2008

Charles A. [Signature]



- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-X.
 4. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-25.

- NOTE:**
1. CONTRACTOR SHALL MEET AND MATCH TO EXISTING GRADES AND SLOPES AT ALL SAWCUT LIMITS CONCISING WITH THE OUTER LIMITS OF DISTURBANCE.



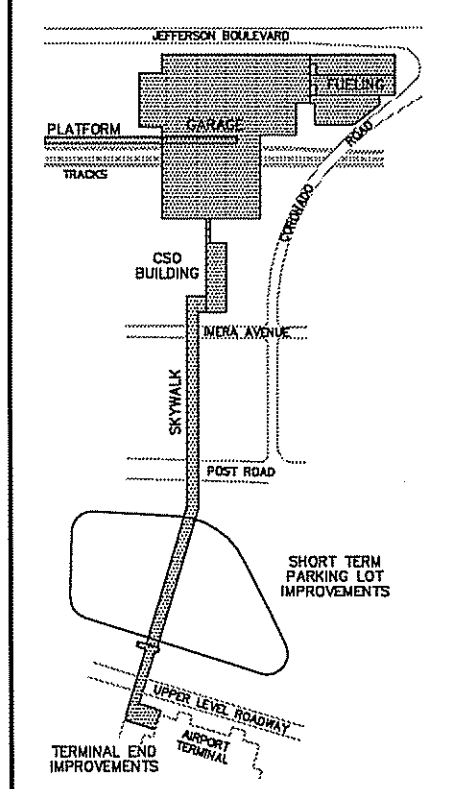
166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909
 Voice: 401-272-1969
 Fax: 401-272-2045



CERTIFICATION:

ISSUE #	DATE	DESCRIPTION
		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
 DEPARTMENT OF
 TRANSPORTATION
 RHODE ISLAND AIRPORT
 CORPORATION

PROJECT:

Warwick Intermodal Station
 Warwick, Rhode Island

DRAWING TITLE:

GRADING PLAN NO. 6

JOB #: 980017004 DRAWN BY: CMC
 DATE: 03/03/08 CHECKED BY: EP
 DRAWING NUMBER:

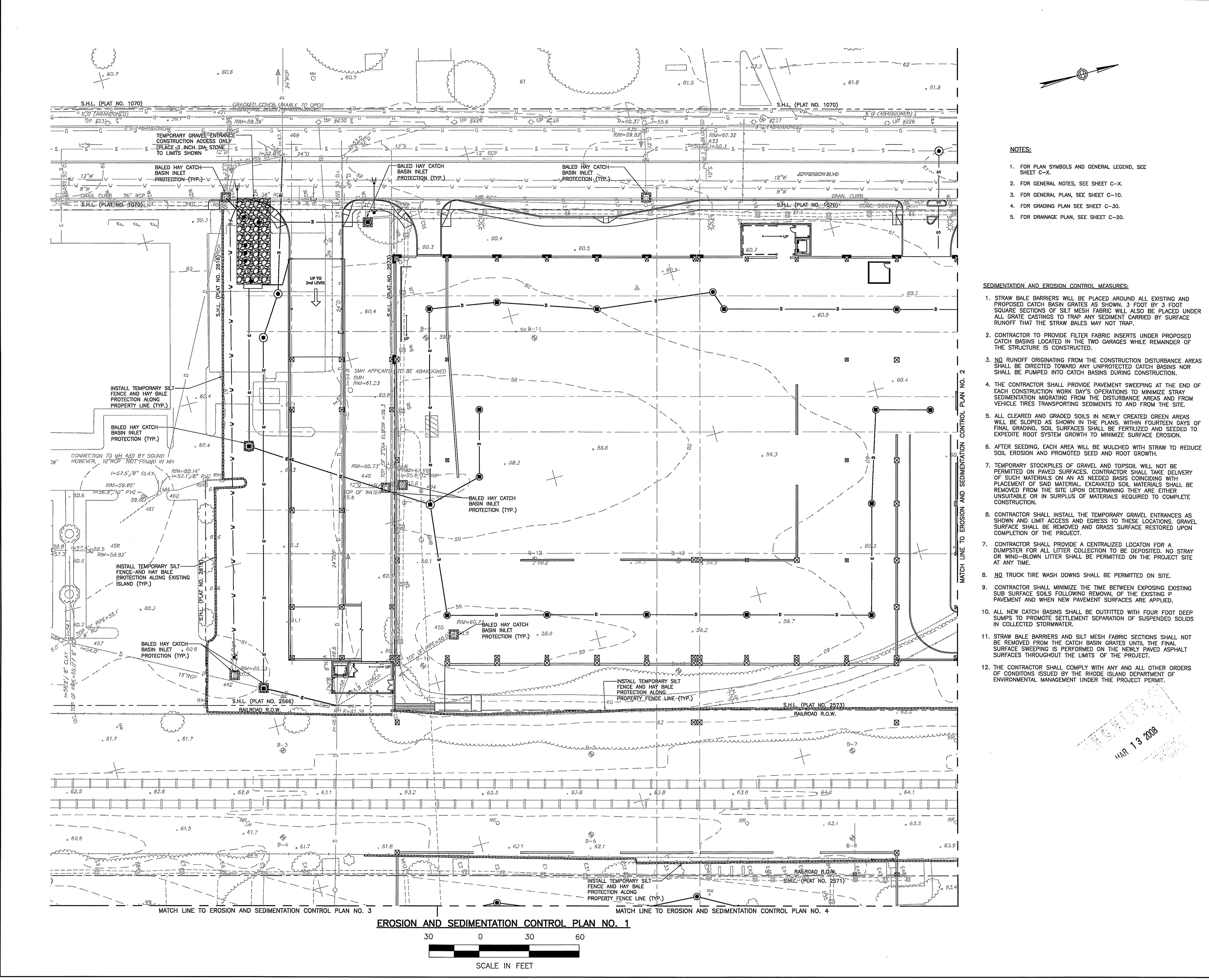
C-35

SCALE: 1" = 30'

RECEIVED
 MAR 13 2008

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED SEP 18 2008 FILE # DR-0013
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles B. [Signature]



EROSION AND SEDIMENTATION CONTROL PLAN NO. 1



- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-10.
 4. FOR GRADING PLAN, SEE SHEET C-30.
 5. FOR DRAINAGE PLAN, SEE SHEET C-20.

- SEDIMENTATION AND EROSION CONTROL MEASURES:**
1. STRAW BALE BARRIERS WILL BE PLACED AROUND ALL EXISTING AND PROPOSED CATCH BASIN GRATES AS SHOWN. 3 FOOT SQUARE SECTIONS OF SILT MESH FABRIC WILL ALSO BE PLACED UNDER ALL GRATE CASTINGS TO TRAP ANY SEDIMENT CARRIED BY SURFACE RUNOFF THAT THE STRAW BALES MAY NOT TRAP.
 2. CONTRACTOR TO PROVIDE FILTER FABRIC INSERTS UNDER PROPOSED CATCH BASINS LOCATED IN THE TWO GARAGES WHILE REMAINDER OF THE STRUCTURE IS CONSTRUCTED.
 3. NO RUNOFF ORIGINATING FROM THE CONSTRUCTION DISTURBANCE AREAS SHALL BE DIRECTED TOWARD ANY UNPROTECTED CATCH BASINS NOR SHALL BE PUMPED INTO CATCH BASINS DURING CONSTRUCTION.
 4. THE CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AT THE END OF EACH CONSTRUCTION WORK DAY'S OPERATIONS TO MINIMIZE STRAY SEDIMENTATION MIGRATING FROM THE DISTURBANCE AREAS AND FROM VEHICLE TIRES TRANSPORTING SEDIMENTS TO AND FROM THE SITE.
 5. ALL CLEARED AND GRADED SOILS IN NEWLY CREATED GREEN AREAS SHALL BE SLOPED AS SHOWN IN THE PLANS. WITHIN FOURTEEN DAYS OF FINAL GRADING, SOIL SURFACES SHALL BE FERTILIZED AND SEEDED TO EXPEDITE ROOT SYSTEM GROWTH TO MINIMIZE SURFACE EROSION.
 6. AFTER SEEDING, EACH AREA WILL BE MULCHED WITH STRAW TO REDUCE SOIL EROSION AND PROMOTE SEED AND ROOT GROWTH.
 7. TEMPORARY STOCKPILES OF GRAVEL AND TOPSOIL WILL NOT BE PERMITTED ON PAVED SURFACES. CONTRACTOR SHALL TAKE DELIVERY OF SUCH MATERIALS ON AN AS NEEDED BASIS COINCIDING WITH PLACEMENT OF SAID MATERIAL. EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE UPON DETERMINING THEY ARE EITHER UNSUITABLE OR IN SURPLUS OF MATERIALS REQUIRED TO COMPLETE CONSTRUCTION.
 8. CONTRACTOR SHALL INSTALL THE TEMPORARY GRAVEL ENTRANCES AS SHOWN AND LIMIT ACCESS AND EGRESS TO THESE LOCATIONS. GRAVEL SURFACE SHALL BE REMOVED AND GRASS SURFACE RESTORED UPON COMPLETION OF THE PROJECT.
 7. CONTRACTOR SHALL PROVIDE A CENTRALIZED LOCATION FOR A DUMPSTER FOR ALL LITTER COLLECTION TO BE DEPOSITED. NO STRAY OR WIND-BLOWN LITTER SHALL BE PERMITTED ON THE PROJECT SITE AT ANY TIME.
 8. NO TRUCK TIRE WASH DOWNS SHALL BE PERMITTED ON SITE.
 9. CONTRACTOR SHALL MINIMIZE THE TIME BETWEEN EXPOSING EXISTING SUB SURFACE SOILS FOLLOWING REMOVAL OF THE EXISTING P PAVEMENT AND WHEN NEW PAVEMENT SURFACES ARE APPLIED.
 10. ALL NEW CATCH BASINS SHALL BE OUTFITTED WITH FOUR FOOT DEEP SUMPS TO PROMOTE SETTLEMENT SEPARATION OF SUSPENDED SOLIDS IN COLLECTED STORMWATER.
 11. STRAW BALE BARRIERS AND SILT MESH FABRIC SECTIONS SHALL NOT BE REMOVED FROM THE CATCH BASIN GRATES UNTIL THE FINAL SURFACE SWEEPING IS PERFORMED ON THE NEWLY PAVED ASPHALT SURFACES THROUGHOUT THE LIMITS OF THE PROJECT.
 12. THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL OTHER ORDERS OF CONDITIONS ISSUED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT UNDER THE PROJECT PERMIT.

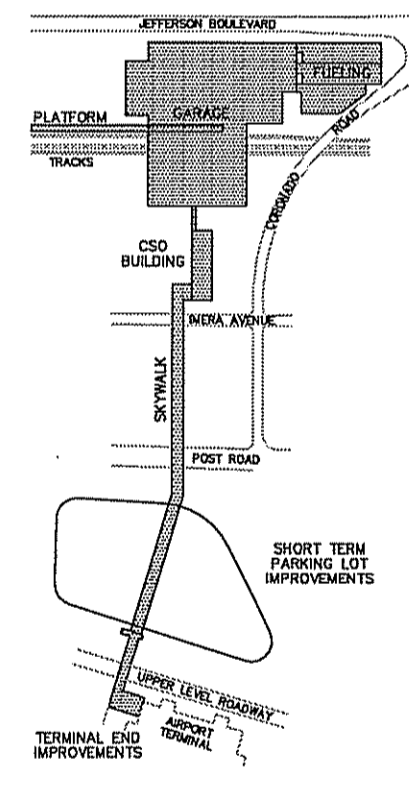
JE JACOBS
Edwards and Kelcey
166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
1		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
RHODE ISLAND AIRPORT CORPORATION

PROJECT:

Warwick Intermodal Station
Warwick, Rhode Island

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN 2008 LETTER OF APPROVAL
DATED SEP 16 2008 FILE # 08-007B
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

EROSION AND SEDIMENTATION CONTROL PLAN NO. 1

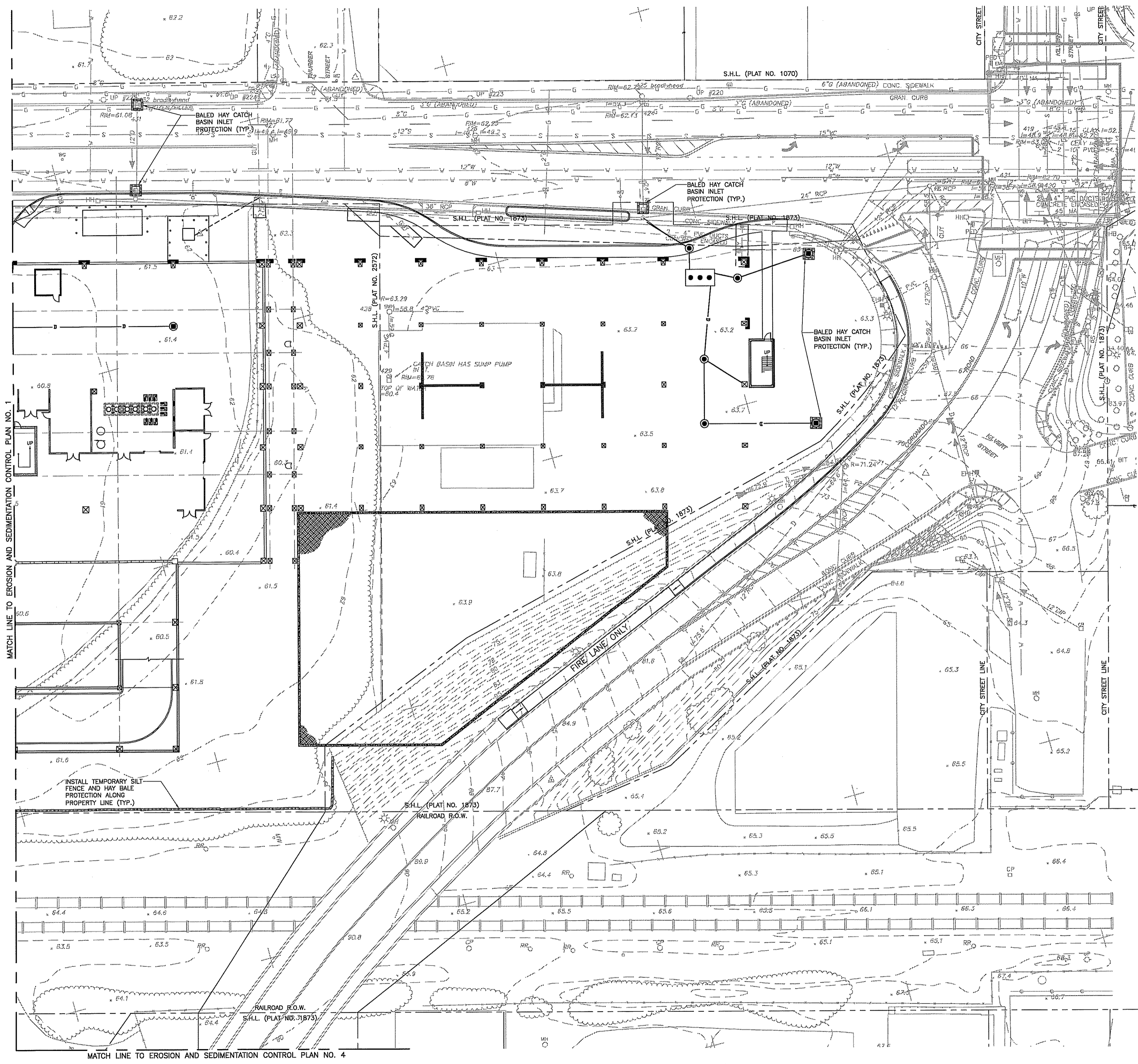
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DATE: 03/03/08 CHECKED BY: EF
DRAWING NUMBER:

C-40

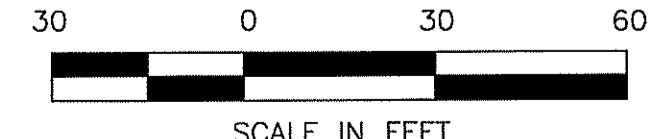
SCALE: 1" = 30'

RECEIVED
MAR 13 2008

Charles A....



EROSION AND SEDIMENTATION CONTROL PLAN NO. 2



NOTES:

1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
2. FOR GENERAL NOTES, SEE SHEET C-X.
3. FOR GENERAL PLAN, SEE SHEET C-11.
4. FOR GRADING PLAN SEE SHEET C-31.
5. FOR DRAINAGE PLAN, SEE SHEET C-21.

SEDIMENTATION AND EROSION CONTROL MEASURES:

1. STRAW BALE BARRIERS WILL BE PLACED AROUND ALL EXISTING AND PROPOSED CATCH BASIN GRATES AS SHOWN. 3 FOOT BY 3 FOOT SQUARE SECTIONS OF SILT MESH FABRIC WILL ALSO BE PLACED UNDER ALL GRATE CASTINGS TO TRAP ANY SEDIMENT CARRIED BY SURFACE RUNOFF THAT THE STRAW BALES MAY NOT TRAP.
2. CONTRACTOR TO PROVIDE FILTER FABRIC INSERTS UNDER PROPOSED CATCH BASINS LOCATED IN THE TWO GARAGES WHILE REMAINDER OF THE STRUCTURE IS CONSTRUCTED.
3. NO RUNOFF ORIGINATING FROM THE CONSTRUCTION DISTURBANCE AREAS SHALL BE DIRECTED TOWARD ANY UNPROTECTED CATCH BASINS NOR SHALL BE PUMPED INTO CATCH BASINS DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AT THE END OF EACH CONSTRUCTION WORK DAY'S OPERATIONS TO MINIMIZE STRAY SEDIMENTATION MIGRATING FROM THE DISTURBANCE AREAS AND FROM VEHICLE TIRES TRANSPORTING SEDIMENTS TO AND FROM THE SITE.
5. ALL CLEARED AND GRADED SOILS IN NEWLY CREATED GREEN AREAS WILL BE SLOPED AS SHOWN IN THE PLANS. WITHIN FOURTEEN DAYS OF FINAL GRADING, SOIL SURFACES SHALL BE FERTILIZED AND SEEDED TO EXPEDITE ROOT SYSTEM GROWTH TO MINIMIZE SURFACE EROSION.
6. AFTER SEEDING, EACH AREA WILL BE MULCHED WITH STRAW TO REDUCE SOIL EROSION AND PROMOTED SEED AND ROOT GROWTH.
7. TEMPORARY STOCKPILES OF GRAVEL AND TOPSOIL WILL NOT BE PERMITTED ON PAVED SURFACES. CONTRACTOR SHALL TAKE DELIVERY OF SUCH MATERIALS ON AN AS NEEDED BASIS COINCIDING WITH PLACEMENT OF SAID MATERIAL. EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE UPON DETERMINING THEY ARE EITHER UNSUITABLE OR IN SURPLUS OF MATERIALS REQUIRED TO COMPLETE CONSTRUCTION.
8. CONTRACTOR SHALL INSTALL THE TEMPORARY GRAVEL ENTRANCES AS SHOWN AND LIMIT ACCESS AND EGRESS TO THESE LOCATIONS. GRAVEL SURFACE SHALL BE REMOVED AND GRASS SURFACE RESTORED UPON COMPLETION OF THE PROJECT.
9. CONTRACTOR SHALL PROVIDE A CENTRALIZED LOCATION FOR A DUMPSTER FOR ALL LITTER COLLECTION TO BE DEPOSITED. NO STRAY OR WIND-BLOWN LITTER SHALL BE PERMITTED ON THE PROJECT SITE AT ANY TIME.
10. NO TRUCK TIRE WASH DOWNS SHALL BE PERMITTED ON SITE.
11. CONTRACTOR SHALL MINIMIZE THE TIME BETWEEN EXPOSING EXISTING SUB SURFACE SOILS FOLLOWING REMOVAL OF THE EXISTING PAVEMENT AND WHEN NEW PAVEMENT SURFACES ARE APPLIED.
12. ALL NEW CATCH BASINS SHALL BE OUTFITTED WITH FOUR FOOT DEEP SUMPS TO PROMOTE SETTLEMENT SEPARATION OF SUSPENDED SOLIDS IN COLLECTED STORMWATER.
13. STRAW BALE BARRIERS AND SILT MESH FABRIC SECTIONS SHALL NOT BE REMOVED FROM THE CATCH BASIN GRATES UNTIL THE FINAL SURFACE SWEEPING IS PERFORMED ON THE NEWLY PAVED ASPHALT SURFACES THROUGHOUT THE LIMITS OF THE PROJECT.
14. THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL OTHER ORDERS OF CONDITIONS ISSUED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT UNDER THE PROJECT PERMIT.



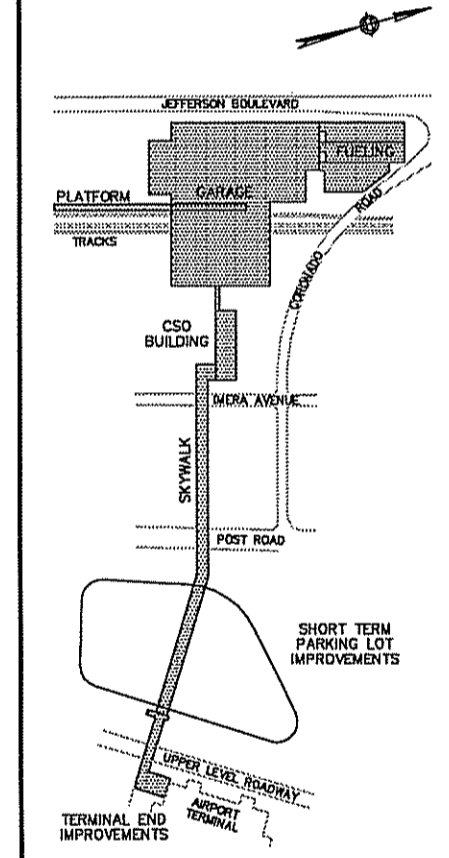
166 Valley Street
 Building 6M, Suite 101
 Providence, RI 02909
 Voice: 401-272-1969
 Fax: 401-272-2045



CERTIFICATION:

ISSUE #	DATE	DESCRIPTION
		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 RHODE ISLAND AIRPORT CORPORATION

PROJECT:

Warwick Intermodal Station
 Warwick, Rhode Island

DRAWING TITLE:

EROSION AND SEDIMENTATION CONTROL PLAN NO. 2

JOB #: 980017004 DRAWN BY: CC
 DATE: 03/03/08 CHECKED BY: EP
 DRAWING NUMBER:

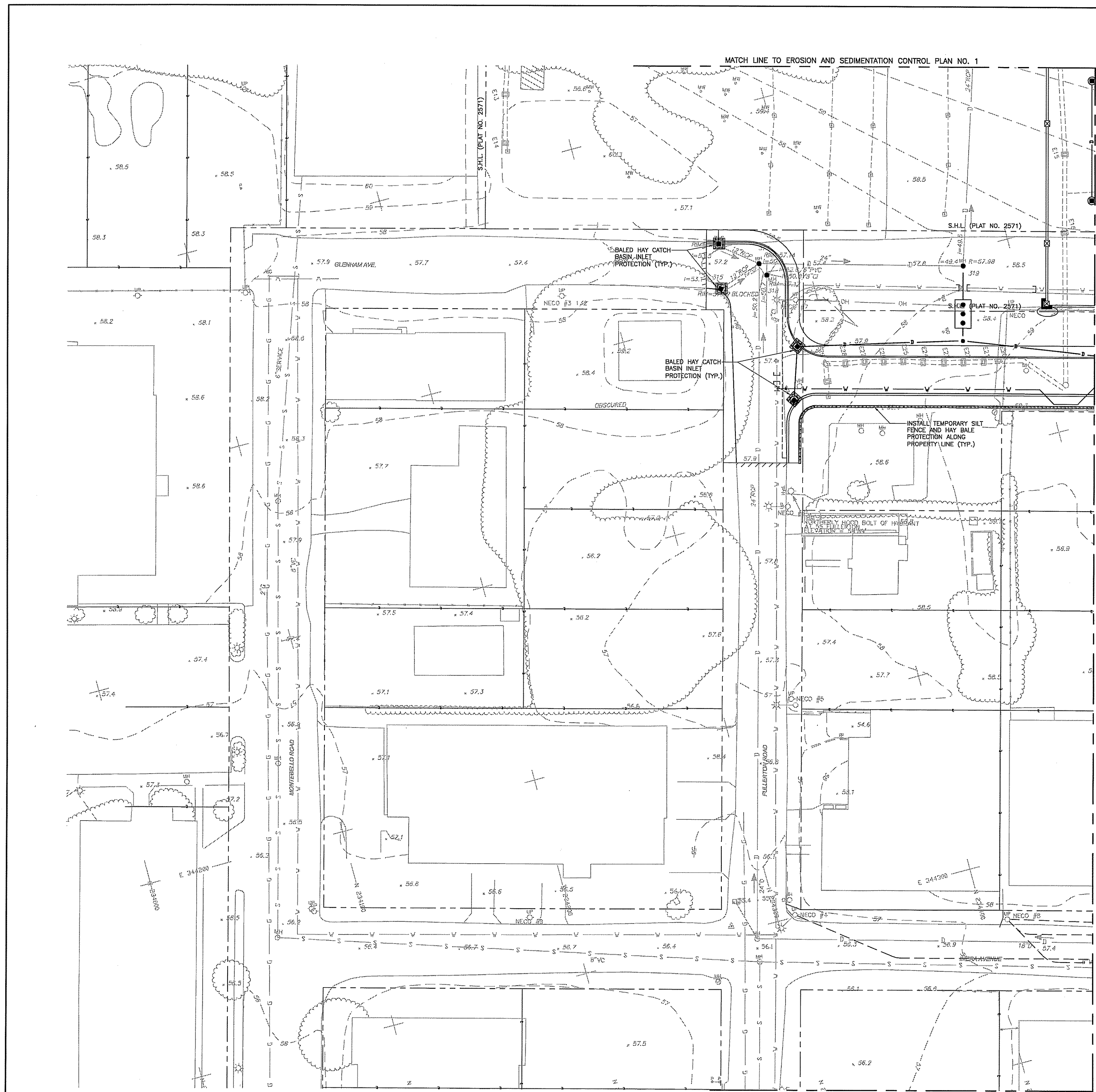
C-41

SCALE: 1" = 30'

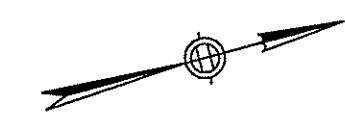
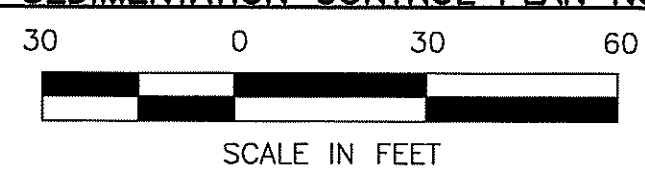
DATE
 MAR 13 2008

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 SEP 18 2008 FILE # DR-0013
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hester



EROSION AND SEDIMENTATION CONTROL PLAN NO. 3



NOTES:

1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
2. FOR GENERAL NOTES, SEE SHEET C-X.
3. FOR GENERAL PLAN, SEE SHEET C-12.
4. FOR GRADING PLAN SEE SHEET C-32.
5. FOR DRAINAGE PLAN, SEE SHEET C-22.

SEDIMENTATION AND EROSION CONTROL MEASURES:

1. STRAW BALE BARRIERS WILL BE PLACED AROUND ALL EXISTING AND PROPOSED CATCH BASIN GRATES AS SHOWN. 3 FOOT BY 3 FOOT SQUARE SECTIONS OF SILT MESH FABRIC WILL ALSO BE PLACED UNDER ALL GRATE CASTINGS TO TRAP ANY SEDIMENT CARRIED BY SURFACE RUNOFF THAT THE STRAW BALES MAY NOT TRAP.
2. CONTRACTOR TO PROVIDE FILTER FABRIC INSERTS UNDER PROPOSED CATCH BASINS LOCATED IN THE TWO GARAGES WHILE REMAINDER OF THE STRUCTURE IS CONSTRUCTED.
3. NO RUNOFF ORIGINATING FROM THE CONSTRUCTION DISTURBANCE AREAS SHALL BE DIRECTED TOWARD ANY UNPROTECTED CATCH BASINS NOR SHALL BE PUMPED INTO CATCH BASINS DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AT THE END OF EACH CONSTRUCTION WORK DAY'S OPERATIONS TO MINIMIZE STRAY SEDIMENTATION MIGRATING FROM THE DISTURBANCE AREAS AND FROM VEHICLE TIRES TRANSPORTING SEDIMENTS TO AND FROM THE SITE.
5. ALL CLEARED AND GRADED SOILS IN NEWLY CREATED GREEN AREAS WILL BE SLOPED AS SHOWN IN THE PLANS. WITHIN FOURTEEN DAYS OF FINAL GRADING, SOIL SURFACES SHALL BE FERTILIZED AND SEEDED TO EXPEDITE ROOT SYSTEM GROWTH TO MINIMIZE SURFACE EROSION.
6. AFTER SEEDING, EACH AREA WILL BE MULCHED WITH STRAW TO REDUCE SOIL EROSION AND PROMOTE SEED AND ROOT GROWTH.
7. TEMPORARY STOCKPILES OF GRAVEL AND TOPSOIL WILL NOT BE PERMITTED ON PAVED SURFACES. CONTRACTOR SHALL TAKE DELIVERY OF SUCH MATERIALS ON AN AS NEEDED BASIS CONSIDERING WITH PLACEMENT OF SAID MATERIAL. EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE UPON DETERMINING THEY ARE EITHER UNSUITABLE OR IN SURPLUS OF MATERIALS REQUIRED TO COMPLETE CONSTRUCTION.
8. CONTRACTOR SHALL INSTALL THE TEMPORARY GRAVEL ENTRANCES AS SHOWN AND LIMIT ACCESS AND EGRESS TO THESE LOCATIONS. GRAVEL SURFACE SHALL BE REMOVED AND GRASS SURFACE RESTORED UPON COMPLETION OF THE PROJECT.
9. CONTRACTOR SHALL PROVIDE A CENTRALIZED LOCATION FOR A DUMPSTER FOR ALL LITTER COLLECTION TO BE DEPOSITED. NO STRAY OR WIND-BLOWN LITTER SHALL BE PERMITTED ON THE PROJECT SITE AT ANY TIME.
10. ALL NEW CATCH BASINS SHALL BE OUTFITTED WITH FOUR FOOT DEEP SUMPS TO PROMOTE SETTLEMENT SEPARATION OF SUSPENDED SOLIDS IN COLLECTED STORMWATER.
11. STRAW BALE BARRIERS AND SILT MESH FABRIC SECTIONS SHALL NOT BE REMOVED FROM THE CATCH BASIN GRATES UNTIL THE FINAL SURFACE SWEEPING IS PERFORMED ON THE NEWLY PAVED ASPHALT SURFACES THROUGHOUT THE LIMITS OF THE PROJECT.
12. THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL OTHER ORDERS OF CONDITIONS ISSUED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT UNDER THE PROJECT PERMIT.

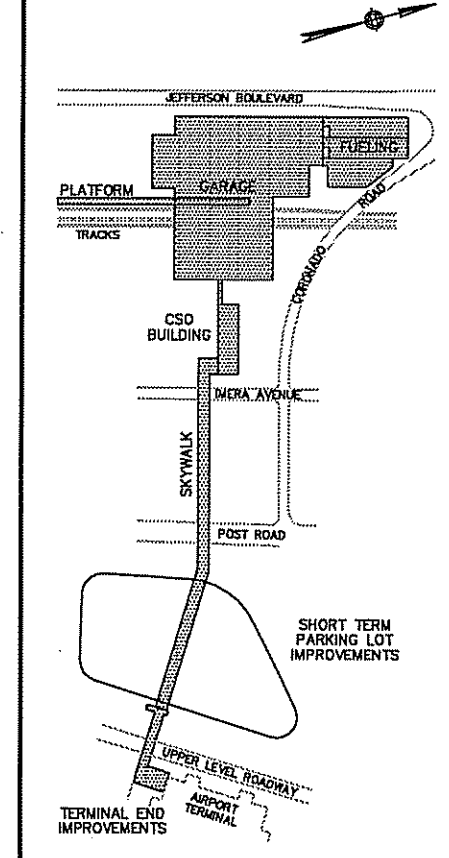
JE JACOBS
Edwards and Kelcey
166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION
RHODE ISLAND AIRPORT
CORPORATION

PROJECT:

**Warwick Intermodal
Station**
Warwick, Rhode Island

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **SEP 18 2008** FILE # **08-0073**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

DRAWING TITLE:

EROSION AND
SEDIMENTATION
CONTROL PLAN NO. 3

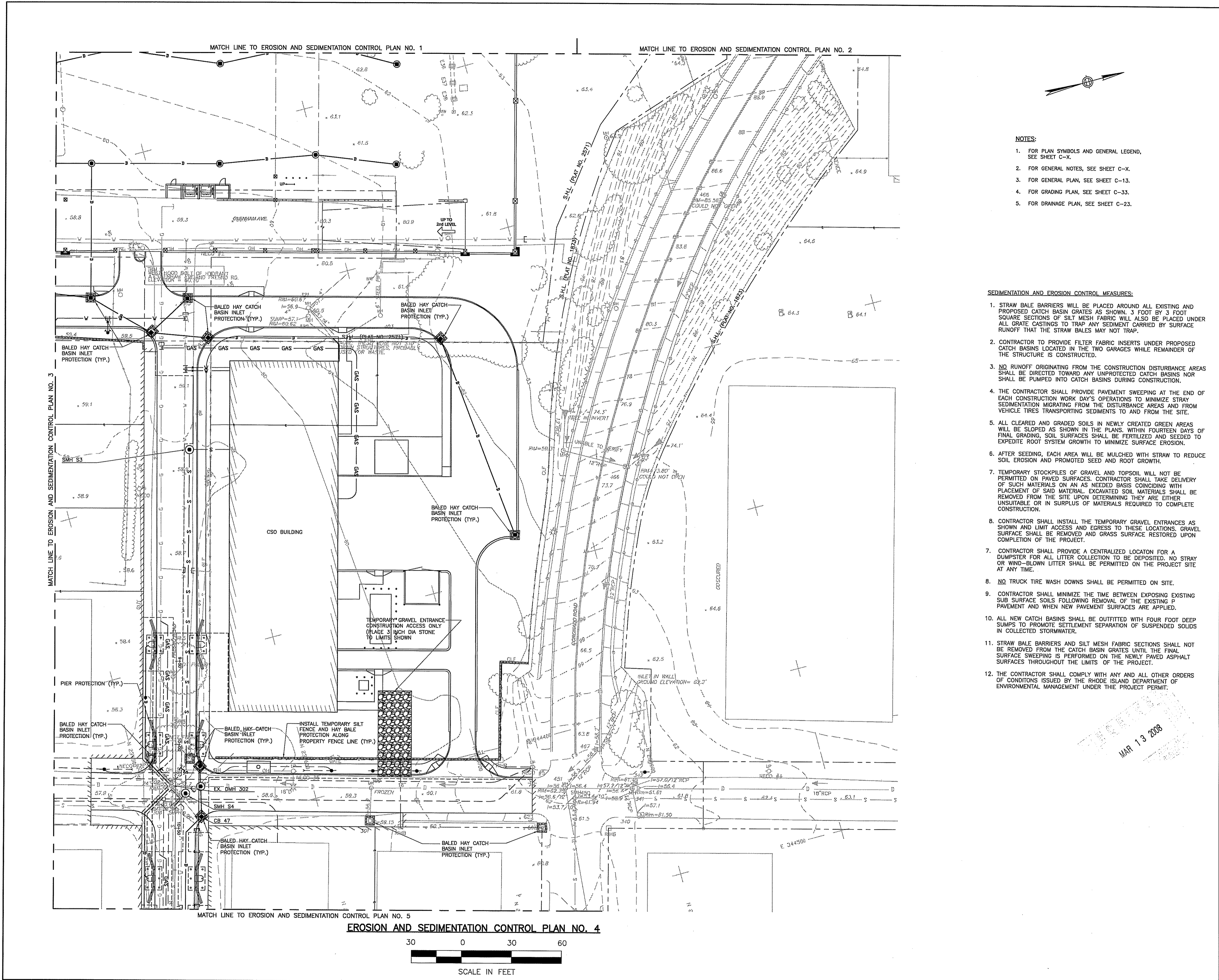
JOB #: 980017004 DRAWN BY: CC
DATE: 03/02/08 CHECKED BY: CP
DRAWING NUMBER:

C-42

SCALE: 1" = 30'

MAR 13 2008

Charles A. Walker



JACOBS
Edwards and Kelcey

166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1869
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

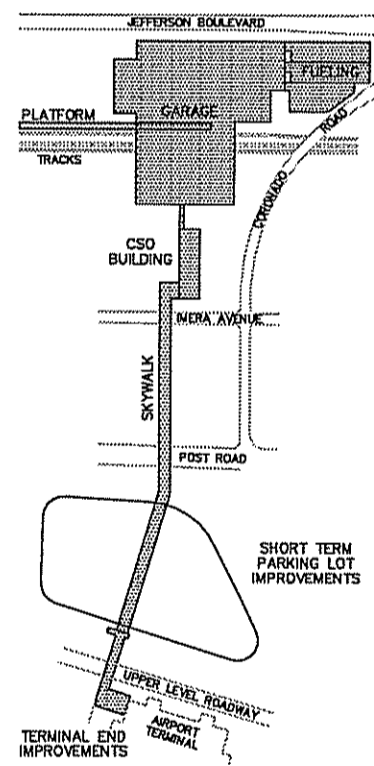
- NOTES:**
1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
 2. FOR GENERAL NOTES, SEE SHEET C-X.
 3. FOR GENERAL PLAN, SEE SHEET C-13.
 4. FOR GRADING PLAN, SEE SHEET C-33.
 5. FOR DRAINAGE PLAN, SEE SHEET C-23.

- SEDIMENTATION AND EROSION CONTROL MEASURES:**
1. STRAW BALE BARRIERS WILL BE PLACED AROUND ALL EXISTING AND PROPOSED CATCH BASIN GRATES AS SHOWN. 3 FOOT BY 3 FOOT SQUARE SECTIONS OF SILT MESH FABRIC WILL ALSO BE PLACED UNDER ALL GRATE CASTINGS TO TRAP ANY SEDIMENT CARRIED BY SURFACE RUNOFF THAT THE STRAW BALES MAY NOT TRAP.
 2. CONTRACTOR TO PROVIDE FILTER FABRIC INSERTS UNDER PROPOSED CATCH BASINS LOCATED IN THE TWO GARAGES WHILE REMAINDER OF THE STRUCTURE IS CONSTRUCTED.
 3. NO RUNOFF ORIGINATING FROM THE CONSTRUCTION DISTURBANCE AREAS SHALL BE DIRECTED TOWARD ANY UNPROTECTED CATCH BASINS NOR SHALL BE PUMPED INTO CATCH BASINS DURING CONSTRUCTION.
 4. THE CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AT THE END OF EACH CONSTRUCTION WORK DAY'S OPERATIONS TO MINIMIZE STRAY SEDIMENTATION MIGRATING FROM THE DISTURBANCE AREAS AND FROM VEHICLE TIRES TRANSPORTING SEDIMENTS TO AND FROM THE SITE.
 5. ALL CLEARED AND GRADED SOILS IN NEWLY CREATED GREEN AREAS WILL BE SLOPED AS SHOWN IN THE PLANS, WITHIN FOURTEEN DAYS OF FINAL GRADING, SOIL SURFACES SHALL BE FERTILIZED AND SEED TO EXPEDITE ROOT SYSTEM GROWTH TO MINIMIZE SURFACE EROSION.
 6. AFTER SEEDING, EACH AREA WILL BE MULCHED WITH STRAW TO REDUCE SOIL EROSION AND PROMOTED SEED AND ROOT GROWTH.
 7. TEMPORARY STOCKPILES OF GRAVEL AND TOPSOIL WILL NOT BE PERMITTED ON PAVED SURFACES. CONTRACTOR SHALL TAKE DELIVERY OF SUCH MATERIALS ON AN AS NEEDED BASIS CONCORDING WITH PLACEMENT OF SAID MATERIAL. EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE UPON DETERMINING THEY ARE EITHER UNSUITABLE OR IN SURPLUS OF MATERIALS REQUIRED TO COMPLETE CONSTRUCTION.
 8. CONTRACTOR SHALL INSTALL THE TEMPORARY GRAVEL ENTRANCES AS SHOWN AND LIMIT ACCESS AND EGRESS TO THESE LOCATIONS. GRAVEL SURFACE SHALL BE REMOVED, AND GRASS SURFACE RESTORED UPON COMPLETION OF THE PROJECT.
 9. CONTRACTOR SHALL PROVIDE A CENTRALIZED LOCATION FOR A DUMPSTER FOR ALL LITTER COLLECTION TO BE DEPOSITED. NO STRAY OR WIND-BLOWN LITTER SHALL BE PERMITTED ON THE PROJECT SITE AT ANY TIME.
 10. NO TRUCK TIRE WASH DOWNS SHALL BE PERMITTED ON SITE.
 11. CONTRACTOR SHALL MINIMIZE THE TIME BETWEEN EXPOSING EXISTING SUB SURFACE SOILS FOLLOWING REMOVAL OF THE EXISTING PAVEMENT AND WHEN NEW PAVEMENT SURFACES ARE APPLIED.
 12. ALL NEW CATCH BASINS SHALL BE OUTFITTED WITH FOUR FOOT DEEP SUMPS TO PROMOTE SETTLEMENT SEPARATION OF SUSPENDED SOLIDS IN COLLECTED STORMWATER.
 13. STRAW BALE BARRIERS AND SILT MESH FABRIC SECTIONS SHALL NOT BE REMOVED FROM THE CATCH BASIN GRATES UNTIL THE FINAL SURFACE SWEEPING IS PERFORMED ON THE NEWLY PAVED ASPHALT SURFACES THROUGHOUT THE LIMITS OF THE PROJECT.
 14. THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL OTHER ORDERS OF CONDITIONS ISSUED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT UNDER THE PROJECT PERMIT.

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
1		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION

RHODE ISLAND AIRPORT
CORPORATION

PROJECT:

**Warwick Intermodal
Station**
Warwick, Rhode Island

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 18 2008 FILE # 08-0073
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

**EROSION AND
SEDIMENTATION
CONTROL PLAN NO. 4**

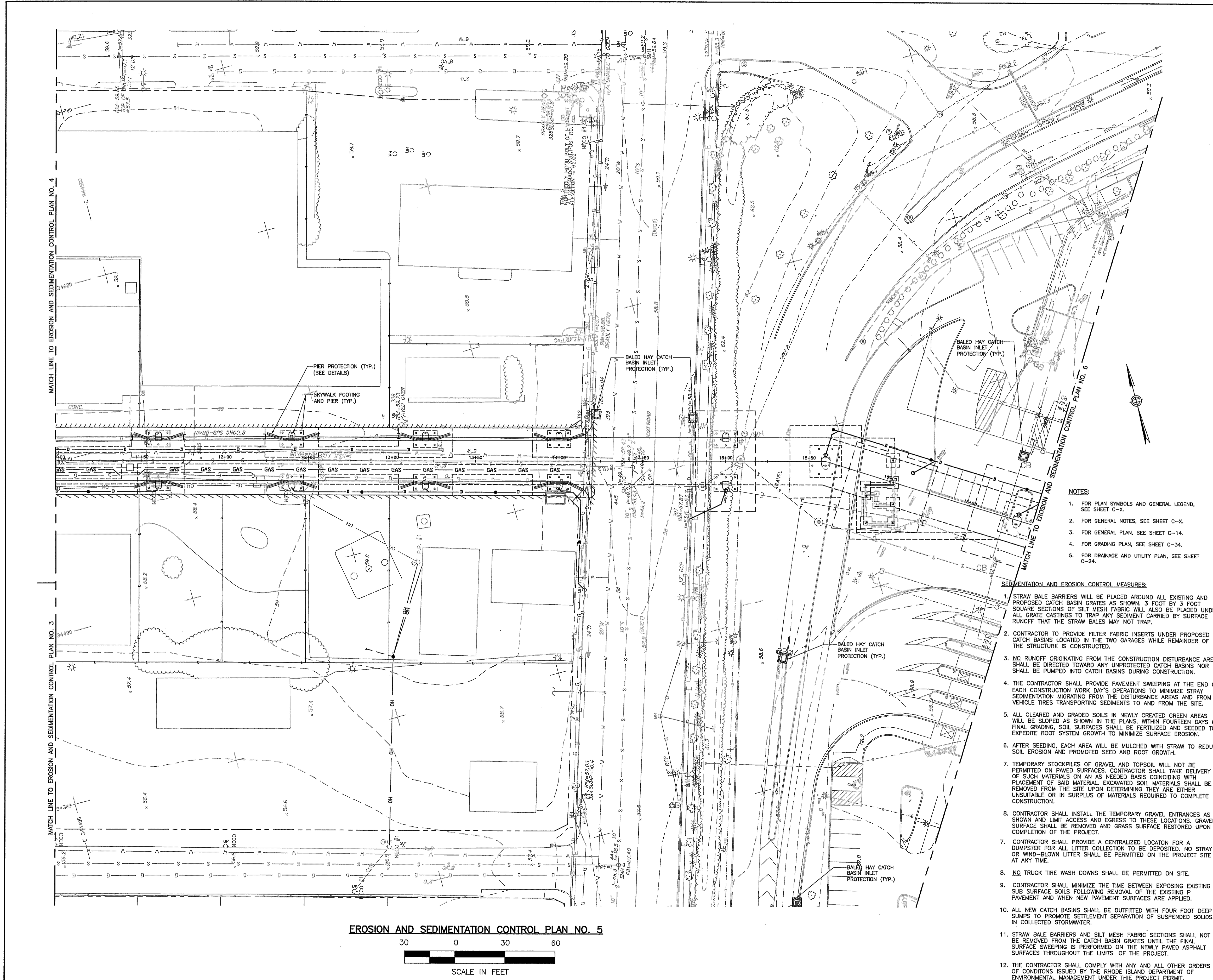
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DATE: 03/02/08 CHECKED BY: EP
DRAWING NUMBER:

C-43

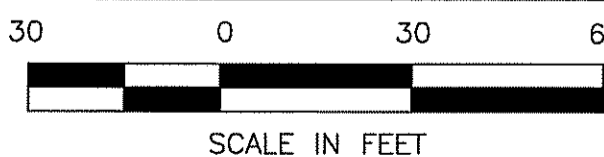
SCALE: 1" = 30'

MAR 13 2008

Charles A. [Signature]



EROSION AND SEDIMENTATION CONTROL PLAN NO. 5



NOTES:

1. FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-X.
2. FOR GENERAL NOTES, SEE SHEET C-X.
3. FOR GENERAL PLAN, SEE SHEET C-14.
4. FOR GRADING PLAN, SEE SHEET C-34.
5. FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-24.

SEDIMENTATION AND EROSION CONTROL MEASURES:

1. STRAW BALE BARRIERS WILL BE PLACED AROUND ALL EXISTING AND PROPOSED CATCH BASIN GRATES AS SHOWN. 3 FOOT BY 3 FOOT SQUARE SECTIONS OF SILT MESH FABRIC WILL ALSO BE PLACED UNDER ALL GRATE CASTINGS TO TRAP ANY SEDIMENT CARRIED BY SURFACE RUNOFF THAT THE STRAW BALES MAY NOT TRAP.
2. CONTRACTOR TO PROVIDE FILTER FABRIC INSERTS UNDER PROPOSED CATCH BASINS LOCATED IN THE TWO GARAGES WHILE REMAINDER OF THE STRUCTURE IS CONSTRUCTED.
3. NO RUNOFF ORIGINATING FROM THE CONSTRUCTION DISTURBANCE AREAS SHALL BE DIRECTED TOWARD ANY UNPROTECTED CATCH BASINS NOR SHALL BE PUMPED INTO CATCH BASINS DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AT THE END OF EACH CONSTRUCTION WORK DAY'S OPERATIONS TO MINIMIZE STRAY SEDIMENTATION MIGRATING FROM THE DISTURBANCE AREAS AND FROM VEHICLE TIRES TRANSPORTING SEDIMENTS TO AND FROM THE SITE.
5. ALL CLEARED AND GRADED SOILS IN NEWLY CREATED GREEN AREAS WILL BE SLOPED AS SHOWN IN THE PLANS. WITHIN FOURTEEN DAYS OF FINAL GRADING, SOIL SURFACES SHALL BE FERTILIZED AND SEEDING TO EXPEDITE ROOT SYSTEM GROWTH TO MINIMIZE SURFACE EROSION.
6. AFTER SEEDING, EACH AREA WILL BE MULCHED WITH STRAW TO REDUCE SOIL EROSION AND PROMOTE SEED AND ROOT GROWTH.
7. TEMPORARY STOCKPILES OF GRAVEL AND TOPSOIL WILL NOT BE PERMITTED ON PAVED SURFACES. CONTRACTOR SHALL TAKE DELIVERY OF SUCH MATERIALS ON AN AS NEEDED BASIS COINCIDING WITH PLACEMENT OF SAID MATERIAL. EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE UPON DETERMINING THEY ARE EITHER UNSUITABLE OR IN SURPLUS OF MATERIALS REQUIRED TO COMPLETE CONSTRUCTION.
8. CONTRACTOR SHALL INSTALL THE TEMPORARY GRAVEL ENTRANCES AS SHOWN AND LIMIT ACCESS AND EGRESS TO THESE LOCATIONS. GRAVEL SURFACE SHALL BE REMOVED AND GRASS SURFACE RESTORED UPON COMPLETION OF THE PROJECT.
9. CONTRACTOR SHALL PROVIDE A CENTRALIZED LOCATION FOR A DUMPSTER FOR ALL LITTER COLLECTION TO BE DEPOSITED. NO STRAY OR WIND-BLOWN LITTER SHALL BE PERMITTED ON THE PROJECT SITE AT ANY TIME.
10. NO TRUCK TIRE WASH DOWNS SHALL BE PERMITTED ON SITE.
11. CONTRACTOR SHALL MINIMIZE THE TIME BETWEEN EXPOSING EXISTING SUB SURFACE SOILS FOLLOWING REMOVAL OF THE EXISTING PAVEMENT AND WHEN NEW PAVEMENT SURFACES ARE APPLIED.
12. ALL NEW CATCH BASINS SHALL BE OUTFITTED WITH FOUR FOOT DEEP SUMPS TO PROMOTE SETTLEMENT SEPARATION OF SUSPENDED SOLIDS IN COLLECTED STORMWATER.
13. STRAW BALE BARRIERS AND SILT MESH FABRIC SECTIONS SHALL NOT BE REMOVED FROM THE CATCH BASIN GRATES UNTIL THE FINAL SURFACE SWEEPING IS PERFORMED ON THE NEWLY PAVED ASPHALT SURFACES THROUGHOUT THE LIMITS OF THE PROJECT.
14. THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL OTHER ORDERS OF CONDITIONS ISSUED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT UNDER THE PROJECT PERMIT.

JE JACOBS
Edwards and Kelcey

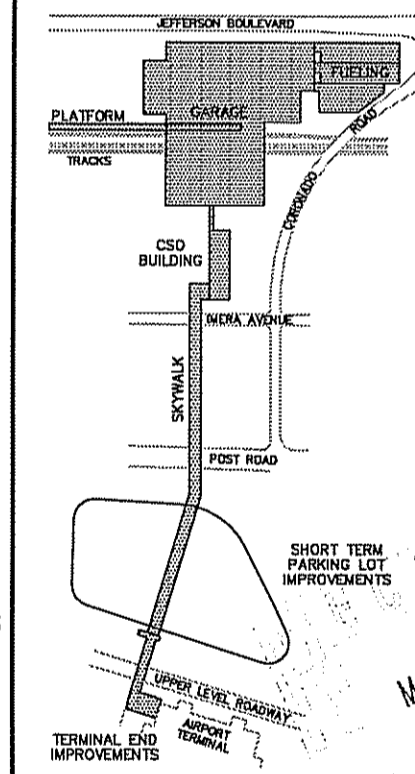
166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1089
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE:	DATE	DESCRIPTION
		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION

RHODE ISLAND AIRPORT
CORPORATION

PROJECT:

**Warwick Intermodal
Station**
Warwick, Rhode Island

DRAWING TITLE:

**EROSION AND
SEDIMENTATION
CONTROL PLAN NO. 5**

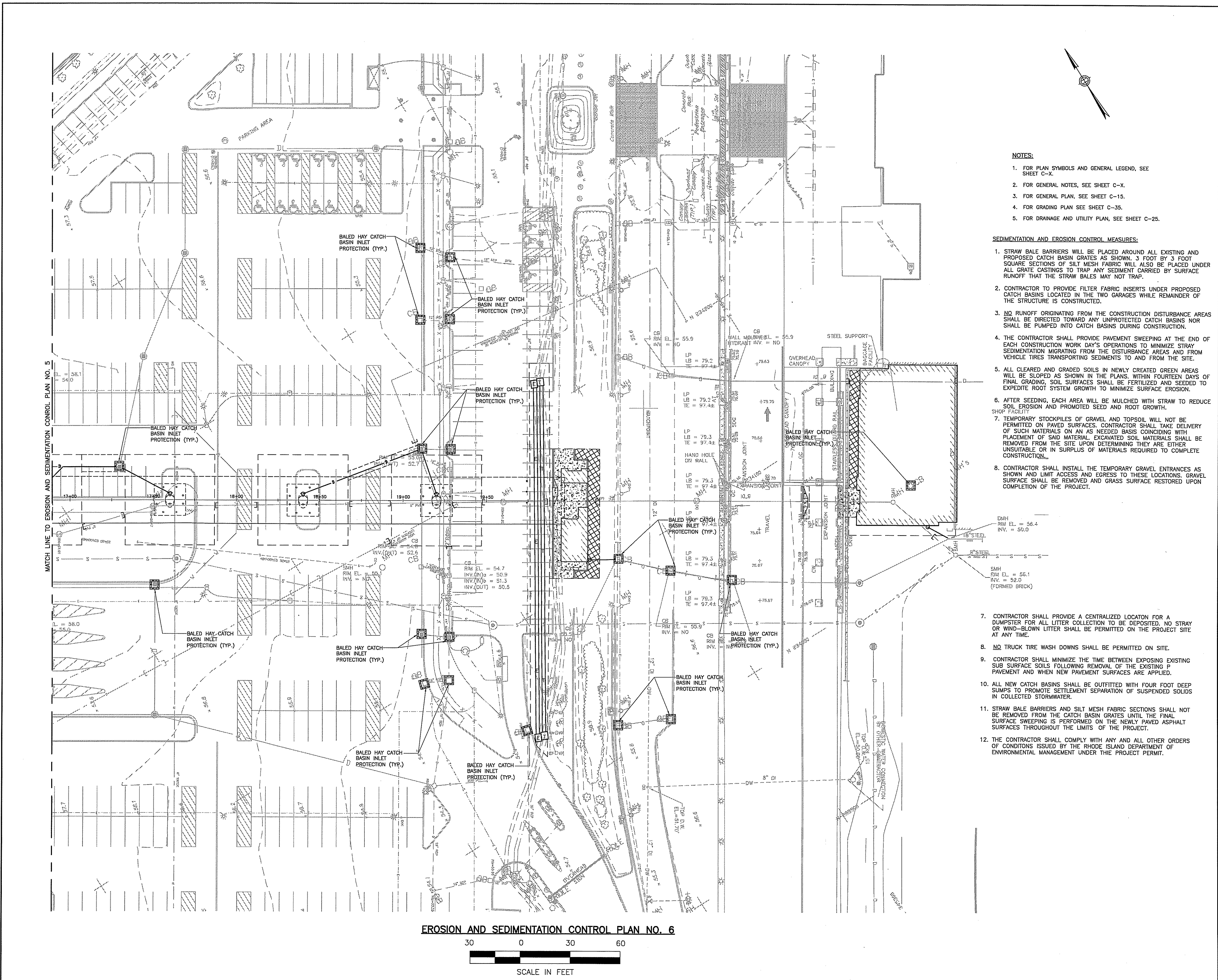
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DATE: 03/03/08 CHECKED BY: EP

DRAWING NUMBER:
C-44

SCALE: 1" = 30'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **SEP 18 2008** FILE # **08-0073**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hester



EROSION AND SEDIMENTATION CONTROL PLAN NO. 6



- NOTES:**
- FOR PLAN SYMBOLS AND GENERAL LEGEND, SEE SHEET C-4.
 - FOR GENERAL NOTES, SEE SHEET C-X.
 - FOR GENERAL PLAN, SEE SHEET C-15.
 - FOR GRADING PLAN SEE SHEET C-35.
 - FOR DRAINAGE AND UTILITY PLAN, SEE SHEET C-25.

- SEDIMENTATION AND EROSION CONTROL MEASURES:**
- STRAW BALE BARRIERS WILL BE PLACED AROUND ALL EXISTING AND PROPOSED CATCH BASIN GRATES AS SHOWN. 3 FOOT BY 3 FOOT SQUARE SECTIONS OF SILT MESH FABRIC WILL ALSO BE PLACED UNDER ALL GRATE CASTINGS TO TRAP ANY SEDIMENT CARRIED BY SURFACE RUNOFF THAT THE STRAW BALES MAY NOT TRAP.
 - CONTRACTOR TO PROVIDE FILTER FABRIC INSERTS UNDER PROPOSED CATCH BASINS LOCATED IN THE TWO GARAGES WHILE REMAINDER OF THE STRUCTURE IS CONSTRUCTED.
 - NO RUNOFF ORIGINATING FROM THE CONSTRUCTION DISTURBANCE AREAS SHALL BE DIRECTED TOWARD ANY UNPROTECTED CATCH BASINS NOR SHALL BE PUMPED INTO CATCH BASINS DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AT THE END OF EACH CONSTRUCTION WORK DAY'S OPERATIONS TO MINIMIZE STRAY SEDIMENTATION MIGRATING FROM THE DISTURBANCE AREAS AND FROM VEHICLE TIRES TRANSPORTING SEDIMENTS TO AND FROM THE SITE.
 - ALL CLEARED AND GRADED SOILS IN NEWLY CREATED GREEN AREAS WILL BE SLOPED AS SHOWN IN THE PLANS. WITHIN FOURTEEN DAYS OF FINAL GRADING, SOIL SURFACES SHALL BE FERTILIZED AND SEEDED TO EXPEDITE ROOT SYSTEM GROWTH TO MINIMIZE SURFACE EROSION.
 - AFTER SEEDING, EACH AREA WILL BE MULCHED WITH STRAW TO REDUCE SOIL EROSION AND PROMOTE SEED AND ROOT GROWTH.
 - TEMPORARY STOCKPILES OF GRAVEL AND TOPSOIL WILL NOT BE PERMITTED ON PAVED SURFACES. CONTRACTOR SHALL TAKE DELIVERY OF SUCH MATERIALS ON AN AS NEEDED BASIS COINCIDING WITH PLACEMENT OF SAID MATERIAL. EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE UPON DETERMINING THEY ARE EITHER UNSAVABLE OR IN SURPLUS OF MATERIALS REQUIRED TO COMPLETE CONSTRUCTION.
 - CONTRACTOR SHALL INSTALL THE TEMPORARY GRAVEL ENTRANCES AS SHOWN AND LIMIT ACCESS AND EGRESS TO THESE LOCATIONS. GRAVEL SURFACE SHALL BE REMOVED AND GRASS SURFACE RESTORED UPON COMPLETION OF THE PROJECT.
 - CONTRACTOR SHALL PROVIDE A CENTRALIZED LOCATION FOR A DUMPSTER FOR ALL LITTER COLLECTION TO BE DEPOSITED. NO STRAY OR WIND-BLOWN LITTER SHALL BE PERMITTED ON THE PROJECT SITE AT ANY TIME.
 - NO TRUCK TIRE WASH DOWNS SHALL BE PERMITTED ON SITE.
 - CONTRACTOR SHALL MINIMIZE THE TIME BETWEEN EXPOSING EXISTING SUB SURFACE SOILS FOLLOWING REMOVAL OF THE EXISTING P PAVEMENT AND WHEN NEW PAVEMENT SURFACES ARE APPLIED.
 - ALL NEW CATCH BASINS SHALL BE OUTFITTED WITH FOUR FOOT DEEP SUMPS TO PROMOTE SETTLEMENT SEPARATION OF SUSPENDED SOLIDS IN COLLECTED STORMWATER.
 - STRAW BALE BARRIERS AND SILT MESH FABRIC SECTIONS SHALL NOT BE REMOVED FROM THE CATCH BASIN GRATES UNTIL THE FINAL SURFACE SWEEPING IS PERFORMED ON THE NEWLY PAVED ASPHALT SURFACES THROUGHOUT THE LIMITS OF THE PROJECT.
 - THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL OTHER ORDERS OF CONDITIONS ISSUED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT UNDER THE PROJECT PERMIT.

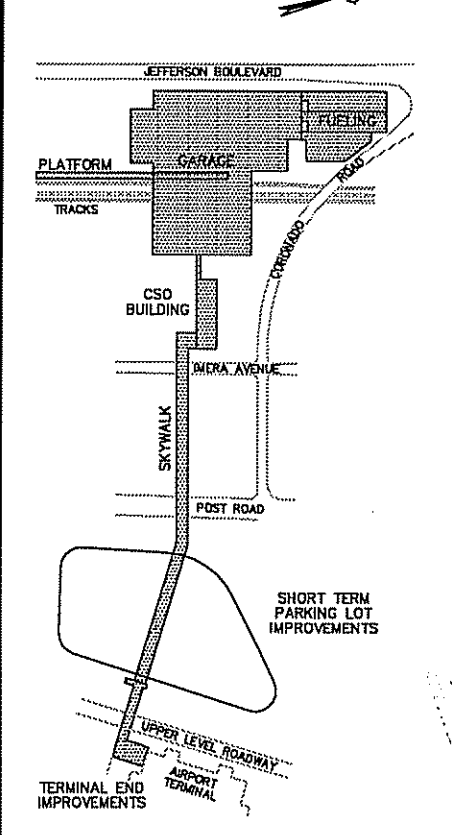
JACOBS
Edwards and Kelcey
166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION	GMP SET
1			

KEY PLAN:



CLIENT:
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
RHODE ISLAND AIRPORT CORPORATION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATE: SEP 18 2008 FILE # DR-0073
CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:
EROSION AND SEDIMENTATION CONTROL PLAN NO. 6

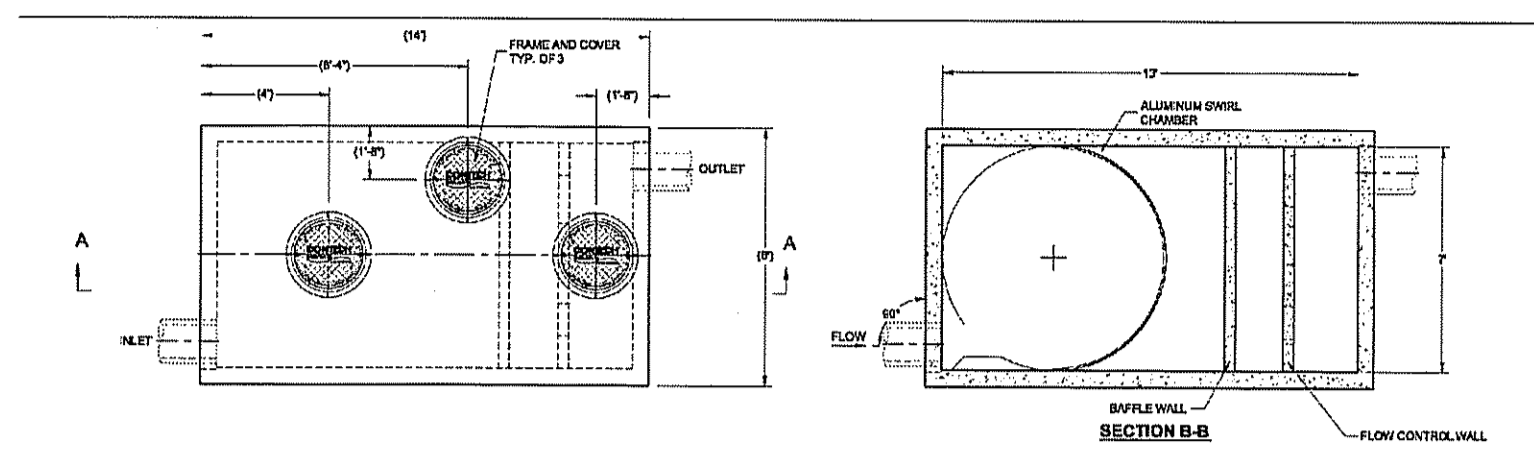
JOB #: 980017004 DRAWN BY: CC
DATE: 03/03/08 CHECKED BY: EP
DRAWING NUMBER:

C-45

SCALE: 1" = 30'

MAR 13 2008

Charles A. Walker



MATERIAL LIST - PROVIDED BY CONTRACTOR

QUANTITY	DESCRIPTION	INSTALLER	UNIT	NOTE
1	ALUMINUM BRIM CHAMBER	CONTRACTOR	EA	
1	ALUMINUM WEIR PLATE	CONTRACTOR	EA	
1	ALUMINUM ORIFICE PLATE	CONTRACTOR	EA	
1	BRIM CHAMBER SEALANT	CONTRACTOR	EA	
1	SEALANT FOR JOINTS	CONTRACTOR	EA	
3	8" x 4" FRAME AND COVER	CONTRACTOR	EA	

GENERAL NOTES:

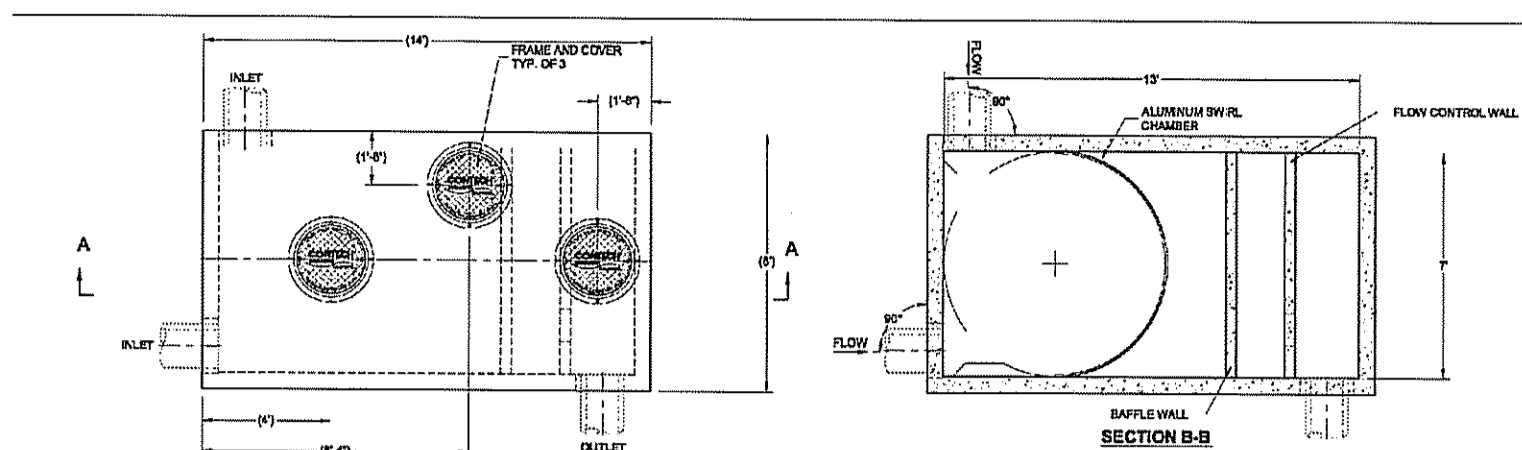
- CONTRACTOR TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- STRUCTURE SHALL BE MANUFACTURED WITH LAME REINFORCED CONCRETE. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS REFER TO VORTECHS MODEL 5000. VORTECHS MODEL 5000 IS A TRADE NAME AND NOT A PRODUCT. VORTECHS MODEL 5000 IS A TRADE NAME AND NOT A PRODUCT.
- FOR VORTECHS MODEL 5000, REFER TO VORTECHS WEBSITE: www.vortechs.com
- WATER QUALITY SHALL BE AS SPECIFIED IN THE DESIGN. VORTECHS MODEL 5000 IS DESIGNED FOR USE WITH WASTEWATER.
- VALVE AND GASKETS SHALL MEET AASHTO M 288. HIGH LOAD RATING.
- VALVE AND GASKETS SHALL MEET AASHTO M 288. HIGH LOAD RATING.
- WATER SURFACE ELEVATION ON THE VORTECHS SYSTEM IS EXPECTED TO BE AT OR BELOW TOP OF FLOW CONTROL WALL DURING THE DESIGN STAGE.
- FLOW CONTROL WALL SHALL BE AS SHOWN.

INSTALLATION NOTES:

- ANY REVISIONS TO DEPTH, AND/OR ANY ELEVATION PROVISIONS ARE SITE SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH CAPACITY TO MATCH CAPACITY TO LIFT AND SET THE VORTECHS WALL. LIFTING CLUTCHES PROVIDED.
- CONTRACTOR TO INSTALL AND SEALANT BETWEEN ALL WALL JOINTS AND ASSEMBLY WALLS.
- CONTRACTOR TO PROVIDE, INSTALL AND GROUT FILL. WATCH FOR INVERTS WITH ELEVATIONS BELOW.
- CONTRACTOR TO PROVIDE ANY EXTERNAL BYPASS VALVES REQUIRED FOR OFFLINE LAYOUT (SEE DESIGN SPECIFICATIONS).
- CONTRACTOR TO PROVIDE AND INSTALL HANDLE REEFS, CHAIN RINGS OR BLOCKS REQUIRED BETWEEN THE TOP OF THE VORTECHS SYSTEM AND THE BASE OF THE MANHOLE FRAME. TOP RAIL OPENING DIMENSIONS MAY BE DIFFERENT FROM THOSE SHOWN.

STRUCTURE WEIGHT:
APPROXIMATE WEIGHT PER FOOT = 45,000 LBS.

(V1) VORTECHS MODEL 5000 DRAINAGE STRUCTURE
NOT TO SCALE



MATERIAL LIST - PROVIDED BY CONTRACTOR

QUANTITY	DESCRIPTION	INSTALLER	UNIT	NOTE
1	ALUMINUM BRIM CHAMBER	CONTRACTOR	EA	
1	ALUMINUM WEIR PLATE	CONTRACTOR	EA	
1	ALUMINUM ORIFICE PLATE	CONTRACTOR	EA	
1	BRIM CHAMBER SEALANT	CONTRACTOR	EA	
1	SEALANT FOR JOINTS	CONTRACTOR	EA	
3	8" x 4" FRAME AND COVER	CONTRACTOR	EA	

GENERAL NOTES:

- CONTRACTOR TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- STRUCTURE SHALL BE MANUFACTURED WITH LAME REINFORCED CONCRETE. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS REFER TO VORTECHS MODEL 5000. VORTECHS MODEL 5000 IS A TRADE NAME AND NOT A PRODUCT. VORTECHS MODEL 5000 IS A TRADE NAME AND NOT A PRODUCT.
- FOR VORTECHS MODEL 5000, REFER TO VORTECHS WEBSITE: www.vortechs.com
- WATER QUALITY SHALL BE AS SPECIFIED IN THE DESIGN. VORTECHS MODEL 5000 IS DESIGNED FOR USE WITH WASTEWATER.
- VALVE AND GASKETS SHALL MEET AASHTO M 288. HIGH LOAD RATING.
- VALVE AND GASKETS SHALL MEET AASHTO M 288. HIGH LOAD RATING.
- WATER SURFACE ELEVATION ON THE VORTECHS SYSTEM IS EXPECTED TO BE AT OR BELOW TOP OF FLOW CONTROL WALL DURING THE DESIGN STAGE.
- FLOW CONTROL WALL SHALL BE AS SHOWN.

INSTALLATION NOTES:

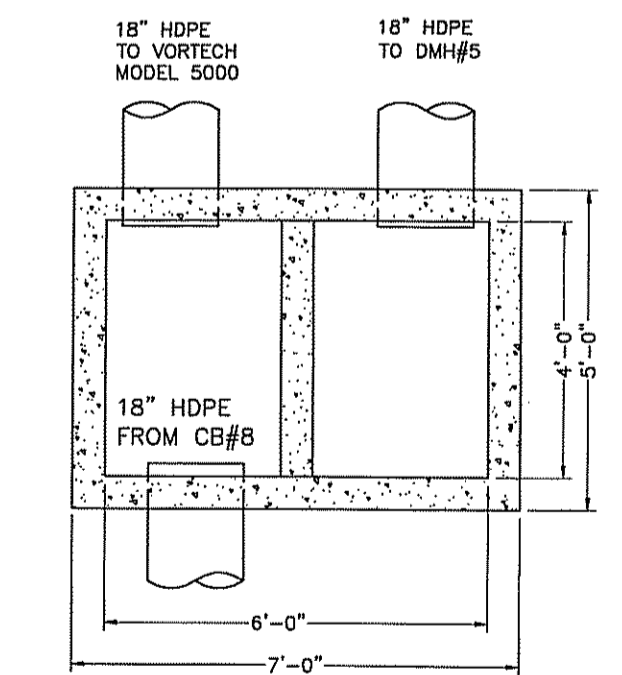
- ANY REVISIONS TO DEPTH, AND/OR ANY ELEVATION PROVISIONS ARE SITE SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH CAPACITY TO MATCH CAPACITY TO LIFT AND SET THE VORTECHS WALL. LIFTING CLUTCHES PROVIDED.
- CONTRACTOR TO INSTALL AND SEALANT BETWEEN ALL WALL JOINTS AND ASSEMBLY WALLS.
- CONTRACTOR TO PROVIDE, INSTALL AND GROUT FILL. WATCH FOR INVERTS WITH ELEVATIONS BELOW.
- CONTRACTOR TO PROVIDE ANY EXTERNAL BYPASS VALVES REQUIRED FOR OFFLINE LAYOUT (SEE DESIGN SPECIFICATIONS).
- CONTRACTOR TO PROVIDE AND INSTALL HANDLE REEFS, CHAIN RINGS OR BLOCKS REQUIRED BETWEEN THE TOP OF THE VORTECHS SYSTEM AND THE BASE OF THE MANHOLE FRAME. TOP RAIL OPENING DIMENSIONS MAY BE DIFFERENT FROM THOSE SHOWN.

STRUCTURE WEIGHT:
APPROXIMATE WEIGHT PER FOOT = 45,000 LBS.

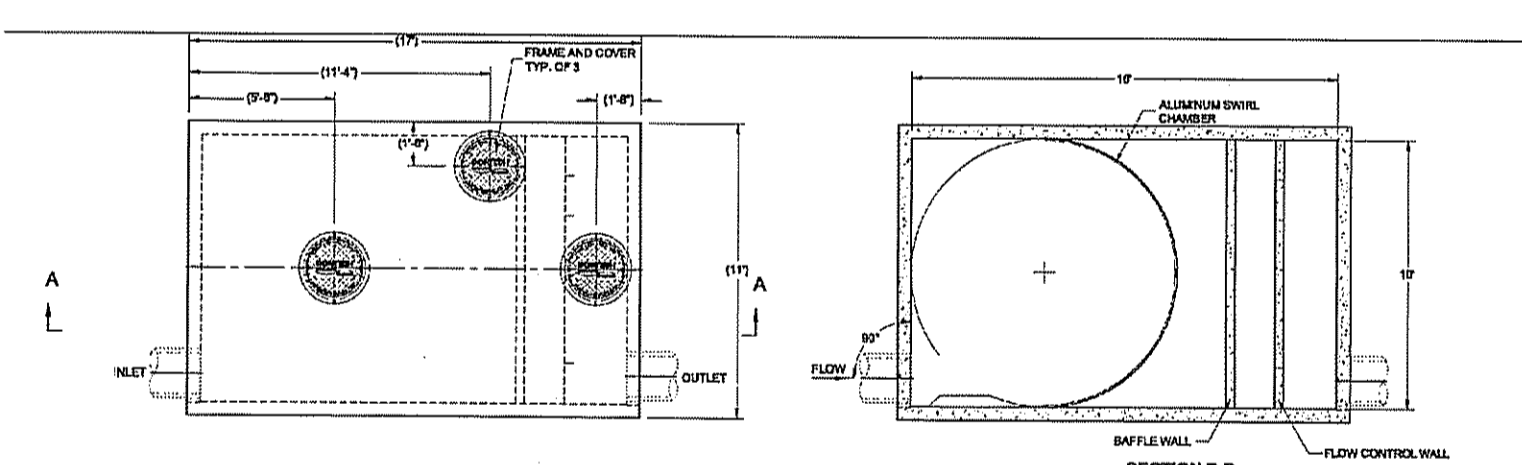
(V2) VORTECHS MODEL 5000 DRAINAGE STRUCTURE
NOT TO SCALE

NOTES:

1. BYPASS STRUCTURE SHALL BE MANUFACTURED IN ACCORDANCE WITH ALL APPLICABLE LOCAL STANDARDS.
2. THE BYPASS WEIR HAS BEEN DESIGNED WITH A MINIMAL LENGTH. IF PRECASTER MOLDS ARE LOCALLY AVAILABLE THAT MAKE FABRICATION OF A LARGER STRUCTURE MORE ECONOMICAL, VORTECHS MUST BE ADVISED SO THE WEIR CREST LENGTH AND ELEVATION CAN BE RECALCULATED.
3. CONTRACTOR TO COORDINATE WITH COMTECH STORMWATER SOLUTIONS FOR WEIR AND CREST ELEVATIONS.



PRECAST VORTECH BYPASS STRUCTURE
NOT TO SCALE



MATERIAL LIST - PROVIDED BY CONTRACTOR

QUANTITY	DESCRIPTION	INSTALLER	UNIT	NOTE
1	ALUMINUM BRIM CHAMBER	CONTRACTOR	EA	
1	ALUMINUM WEIR PLATE	CONTRACTOR	EA	
1	ALUMINUM ORIFICE PLATE	CONTRACTOR	EA	
1	BRIM CHAMBER SEALANT	CONTRACTOR	EA	
1	SEALANT FOR JOINTS	CONTRACTOR	EA	
3	8" x 4" FRAME AND COVER	CONTRACTOR	EA	

GENERAL NOTES:

- CONTRACTOR TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- STRUCTURE SHALL BE MANUFACTURED WITH LAME REINFORCED CONCRETE. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS REFER TO VORTECHS MODEL 11000. VORTECHS MODEL 11000 IS A TRADE NAME AND NOT A PRODUCT. VORTECHS MODEL 11000 IS A TRADE NAME AND NOT A PRODUCT.
- FOR VORTECHS MODEL 11000, REFER TO VORTECHS WEBSITE: www.vortechs.com
- WATER QUALITY SHALL BE AS SPECIFIED IN THE DESIGN. VORTECHS MODEL 11000 IS DESIGNED FOR USE WITH WASTEWATER.
- VALVE AND GASKETS SHALL MEET AASHTO M 288. HIGH LOAD RATING.
- VALVE AND GASKETS SHALL MEET AASHTO M 288. HIGH LOAD RATING.
- WATER SURFACE ELEVATION ON THE VORTECHS SYSTEM IS EXPECTED TO BE AT OR BELOW TOP OF FLOW CONTROL WALL DURING THE DESIGN STAGE.
- FLOW CONTROL WALL SHALL BE AS SHOWN.

INSTALLATION NOTES:

- ANY REVISIONS TO DEPTH, AND/OR ANY ELEVATION PROVISIONS ARE SITE SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH CAPACITY TO MATCH CAPACITY TO LIFT AND SET THE VORTECHS WALL. LIFTING CLUTCHES PROVIDED.
- CONTRACTOR TO INSTALL AND SEALANT BETWEEN ALL WALL JOINTS AND ASSEMBLY WALLS.
- CONTRACTOR TO PROVIDE, INSTALL AND GROUT FILL. WATCH FOR INVERTS WITH ELEVATIONS BELOW.
- CONTRACTOR TO PROVIDE ANY EXTERNAL BYPASS VALVES REQUIRED FOR OFFLINE LAYOUT (SEE DESIGN SPECIFICATIONS).
- CONTRACTOR TO PROVIDE AND INSTALL HANDLE REEFS, CHAIN RINGS OR BLOCKS REQUIRED BETWEEN THE TOP OF THE VORTECHS SYSTEM AND THE BASE OF THE MANHOLE FRAME. TOP RAIL OPENING DIMENSIONS MAY BE DIFFERENT FROM THOSE SHOWN.

STRUCTURE WEIGHT:
APPROXIMATE WEIGHT PER FOOT = 65,000 LBS.

V3 VORTECH MODEL 11000 DRAINAGE STRUCTURE
NOT TO SCALE

JE JACOBS
Edwards and Kelcey

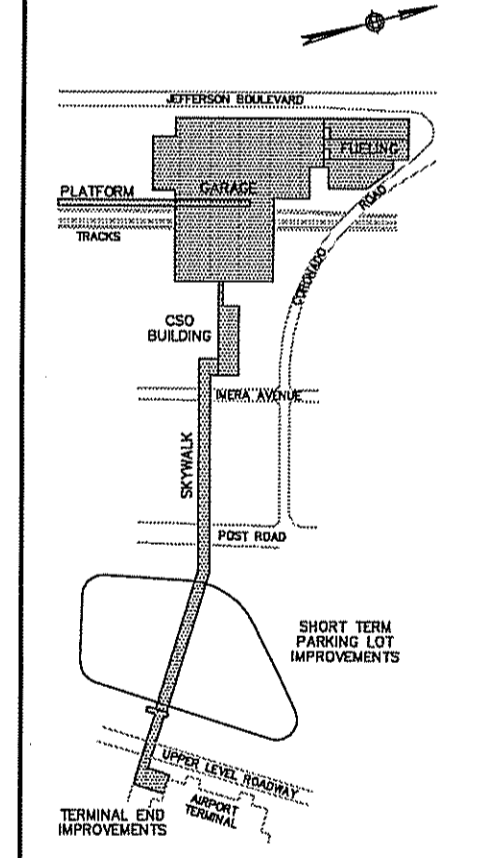
166 Valley Street
Building 6M, Suite 101
Providence, RI 02909
Voice: 401-272-1969
Fax: 401-272-2045

Gilbane
CONSTRUCTION MANAGER

CERTIFICATION:

ISSUE	DATE	DESCRIPTION
1		GMP SET

KEY PLAN:



CLIENT:

RHODE ISLAND
DEPARTMENT OF
TRANSPORTATION
RHODE ISLAND AIRPORT
CORPORATION

PROJECT:

Warwick Intermodal Station
Warwick, Rhode Island

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED SEP 18 2009 FILE # 08-0073
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

DRAWING TITLE:

CIVIL DETAILS

JOB #: 980017004 DRAWN BY: CMC
DATE: 03/03/08 CHECKED BY: EP
DRAWING NUMBER:

C-54

SCALE: N.T.S.

RECEIVED
MAR 13 2008

Charles A. [Signature]