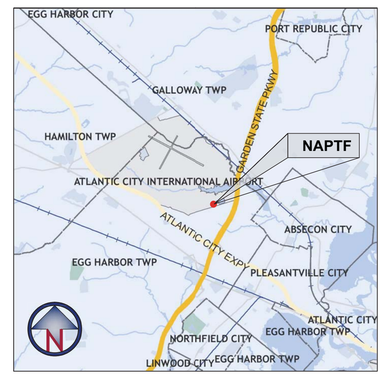
REFLECTIVE CRACKING PHASE III

NATIONAL AIRPORT PAVEMENT TESTING FACILITY
WILLIAM J. HUGHES TECHNICAL CENTER
ATLANTIC CITY AIRPORT, NEW JERSEY

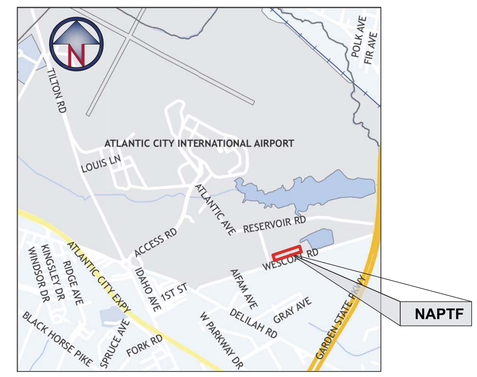
12/12/2016

NEW JERSEY STATE MAP N.T.S.

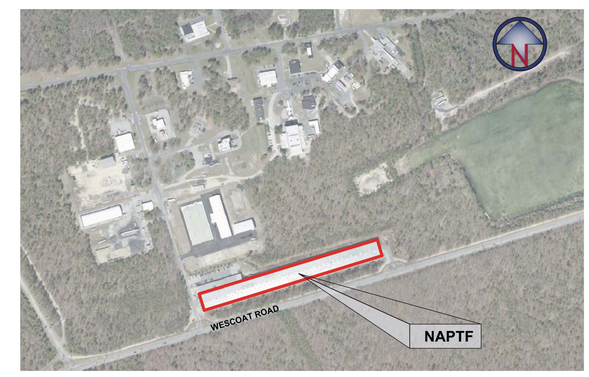
VICINITY MAP N.T.S.



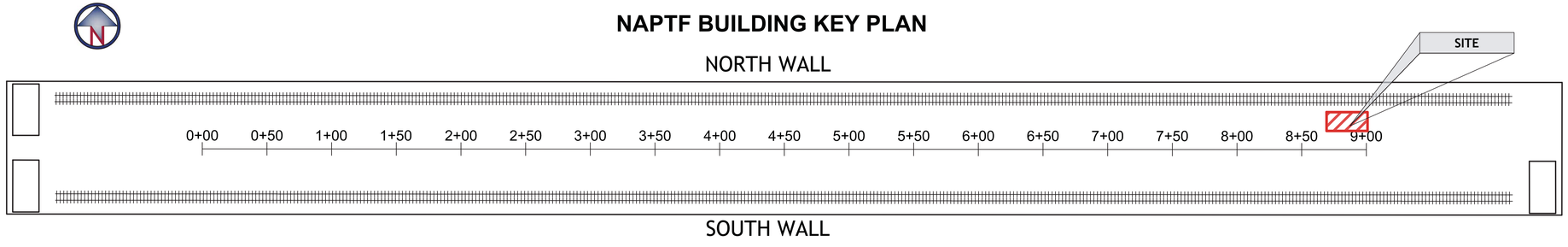
PROJECT LOCATION MAP N.T.S.



AERIAL VIEW OF THE NAPTF BUILDING N.T.S.



NAPTF BUILDING KEY PLAN



INDEX OF DRAWINGS

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2 OF 9	SITE ACCESS, HAULING AND STAGING AREA PLAN	12/08/2016
3 OF 9	NAPFT BUILDING ACCESS AND CONTROL NETWORK PLAN	12/08/2016
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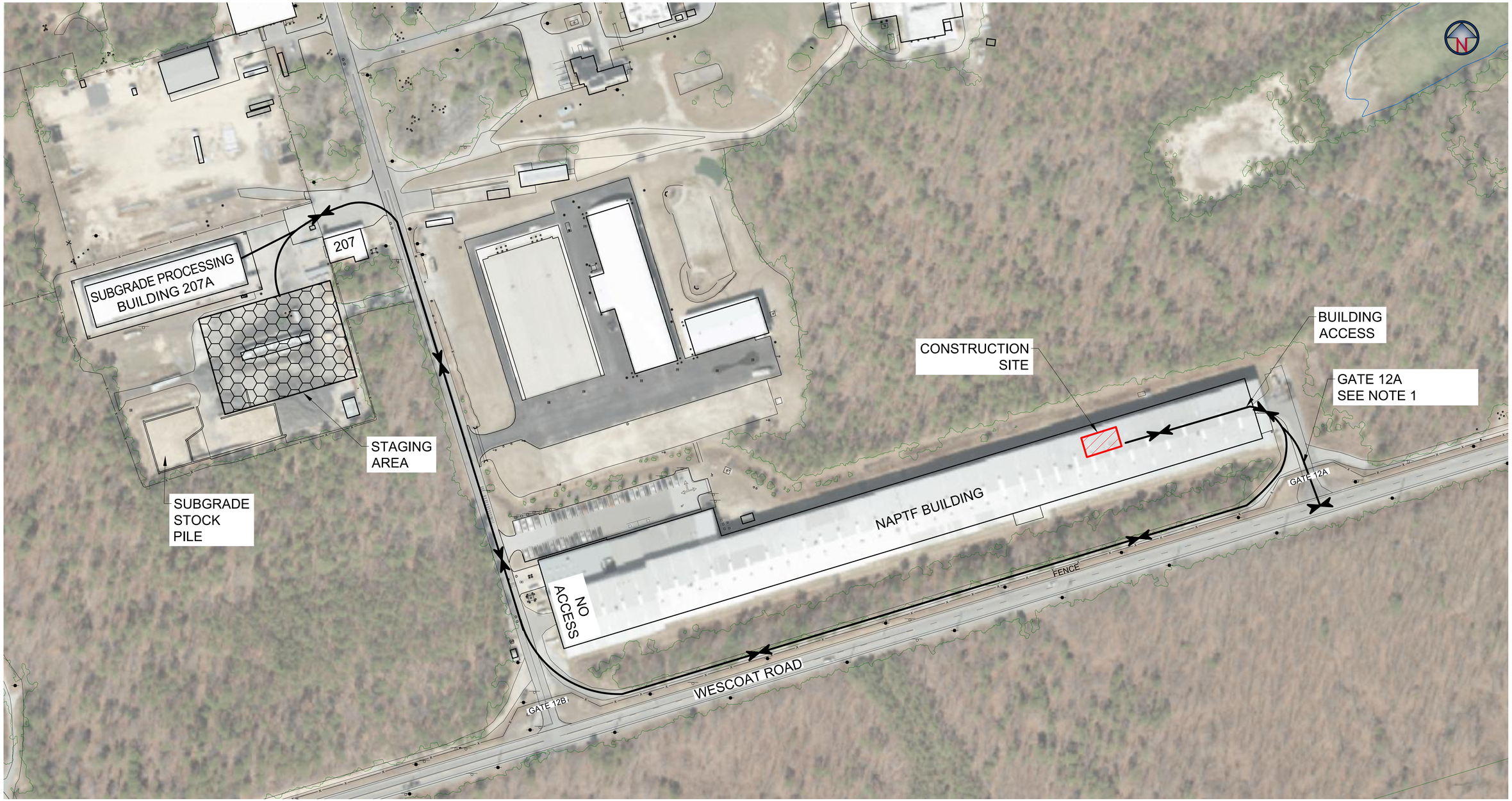
PREPARED BY:

SRA INTERNATIONAL, A CSRA COMPANY
1201 NEW ROAD, SUITE 242
LINWOOD, NEW JERSEY 08221
PHONE: (609) 601-6800



80' 0 80' 160' 240'

GRAPHIC SCALE

1" = 80'

NOTES:

1. CONTRACTORS ACCESS THROUGH THE GATE AVAILABLE BY ADVANCED REQUEST.
2. LOCATION OF THE STAGING AREA SHOWN IS APPROXIMATE. THE EXACT LOCATION WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
3. SEE SHEET NUMBER 3 FOR INSIDE THE BUILDING STAGING AREA LOCATION AND RESTRICTIONS.

LEGEND:

- X — FENCE
- HAUL ROUTE
- CONSTRUCTION SITE
- STAGING AREA

NO.	REVISIONS	DATE	BY	CHK	APR

CSRA, INC.
1201 NEW ROAD, SUITE 242
LINWOOD, NEW JERSEY 08221
PHONE: (609) 601-6800

FOR

NATIONAL AIRPORT PAVEMENT TEST FACILITY
ATLANTIC CITY AIRPORT, NJ

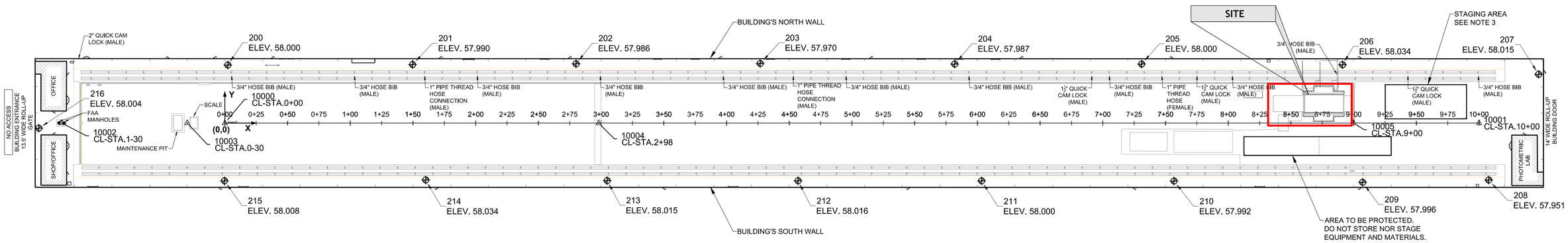
	NAME	DATE
DRAWN	M.MAZUREK	12/08/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING PHASE III

SITE ACCESS, HAULING AND STAGING AREA PLAN

PROJECT NO: | SIZE: ANSI D | SCALE: AS NOTED | SHEET 2 OF 9

CAD FILE: REFL-CRACK-PHA3-GNRL.DWG



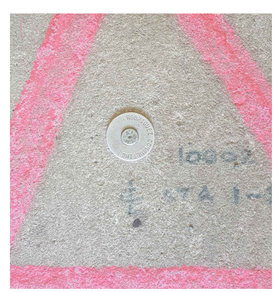
NAPTF BUILDING PLAN VIEW

SCALE: 1"=40'

CENTER LINE MARKER POINTS

NUMBER	X COORDINATE [FEET]	Y COORDINATE [FEET]	LOCATION DESCRIPTION	MARKER DESCRIPTION
10000	0.000	0.0000	ON CENTER LINE STA. 0+00	MAG AND WASHER
10001	1,000.000	0.000	ON CENTER LINE STA. 10+00	MAG AND WASHER
10002	-130.000	0.000	ON CENTER LINE STA. -1-30	MAG AND WASHER
10003	-30.000	0.000	ON CENTER LINE STA. 0-30	MAG AND WASHER
10004	298.000	0.000	ON CENTER LINE STA. 2+98	MAG AND WASHER
10005	900.000	0.000	ON CENTER LINE STA. 9+00	MAG AND WASHER

CENTER LINE MARKER DETAIL



CONTROL POINTS

NUMBER	X COORDINATE [FEET]	Y COORDINATE [FEET]	Z ELEVATION [FEET]	DESCRIPTION
200	2.352	46.209	58.000	MAG AND WASHER
201	149.673	46.634	57.990	MAG AND WASHER
202	280.029	47.236	57.986	MAG AND WASHER
203	426.822	47.441	57.970	MAG AND WASHER
204	581.880	47.034	57.987	MAG AND WASHER
205	730.901	47.054	58.000	MAG AND WASHER
206	891.088	46.481	58.034	MAG AND WASHER
207	1047.423	38.858	58.015	MAG AND WASHER
208	1007.640	-45.426	57.951	MAG AND WASHER
209	907.144	-47.198	57.996	MAG AND WASHER
210	756.728	-46.194	57.992	MAG AND WASHER
211	603.298	-46.091	58.000	MAG AND WASHER
212	456.998	-45.992	58.016	MAG AND WASHER
213	304.791	-45.889	58.015	MAG AND WASHER
214	160.140	-45.350	58.034	MAG AND WASHER
215	-0.315	-46.085	58.008	MAG AND WASHER
216	-148.287	-4.082	58.004	MAG AND WASHER

CONTROL POINT MARKER DETAIL

EACH CONTROL POINT LOCATION IS MARKED WITH A MAGNETIC NAIL WITH WASHER. THE CONTROL POINT NUMBER IS ENGRAVED ON EACH WASHER.

NOTES:

1. THE PROJECT AREA IS LOCATED INSIDE OF THE NATIONAL AIRPORT PAVEMENT TESTING FACILITY, BUILDING NUMBER 296, WILLIAM J. HUGHES TECHNICAL CENTER, LOCATED AT THE ATLANTIC CITY INTERNATIONAL AIRPORT, EGG HARBOR TOWNSHIP, NEW JERSEY 08405.
2. THE HORIZONTAL CONTROL NETWORK IS REFERENCED TO A LOCAL COORDINATE SYSTEM ALIGNED WITH THE NAPTF TESTING AREA CENTER LINE. THE VERTICAL CONTROL NETWORK IS ALSO REFERENCED TO A LOCAL ASSUMED DATUM.
3. LOCATION OF THE STAGING AREA SHOWN IS APPROXIMATE. THE EXACT LOCATION WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

LEGEND

- CENTER LINE MARKER - MAG NAIL
- CONTROL POINT - MAG NAIL
- MANHOLE

40' 0 40' 80' 120'

GRAPHIC SCALE

1" = 40'

NO.	REVISIONS	DATE	BY	CHK	APR

CSRA, INC.
1201 NEW ROAD, SUITE 242
LINWOOD, NEW JERSEY 08221
PHONE: (609) 601-6800

FOR

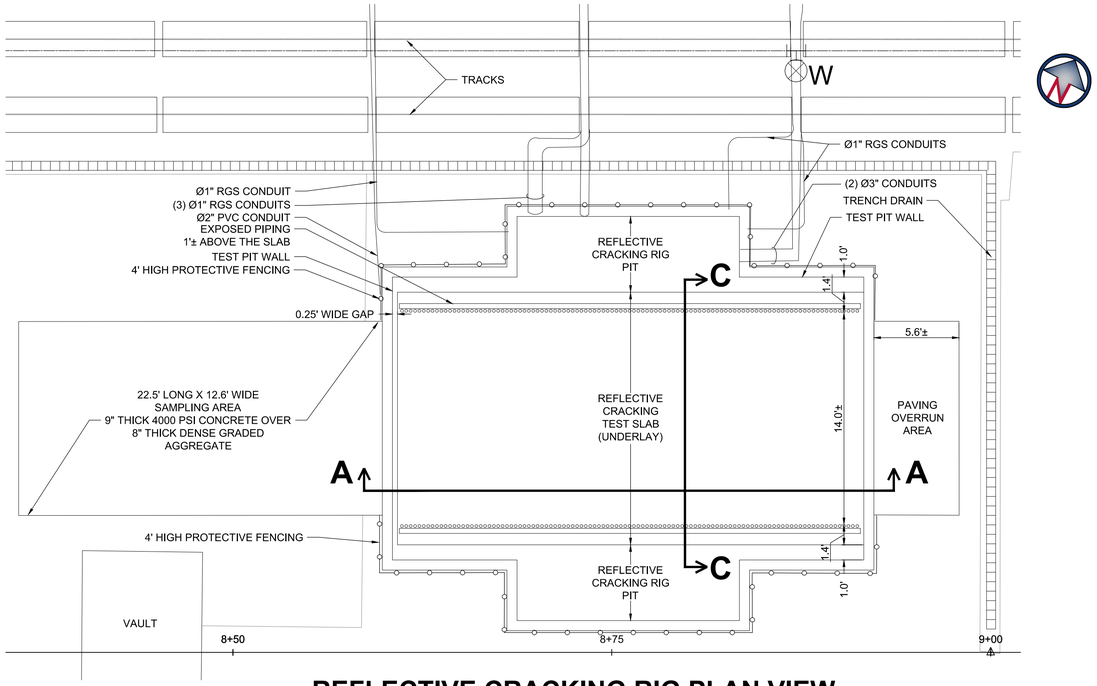
NATIONAL AIRPORT PAVEMENT TEST FACILITY
ATLANTIC CITY AIRPORT, NJ

	NAME	DATE
DRAWN	M.MAZUREK	12/08/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING PHASE III
NAPTF BUILDING ACCESS AND CONTROL NETWORK PLAN

PROJECT NO: | SIZE: ANSI D | SCALE: AS NOTED | SHEET 3 OF 9

CAD FILE: REFL-CRACK-PHA3-GNRL.DWG

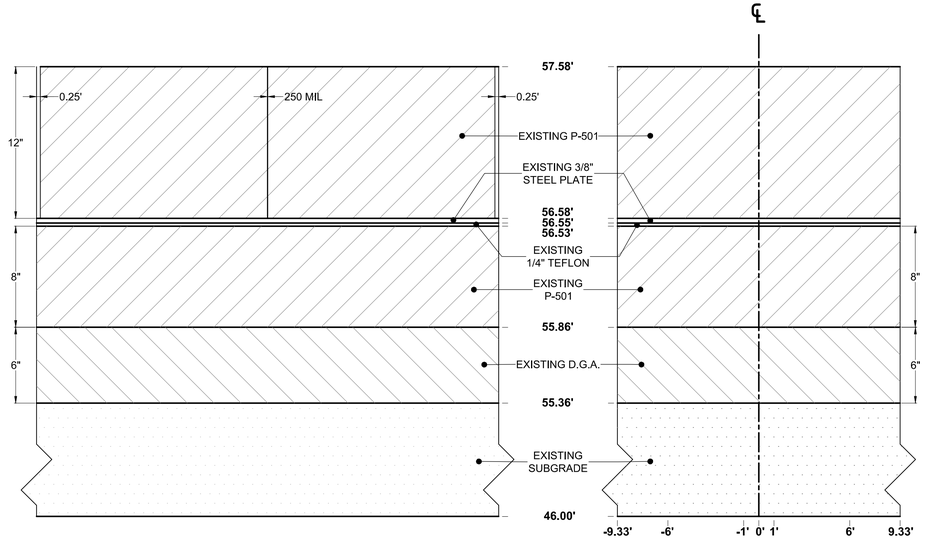


REFLECTIVE CRACKING RIG PLAN VIEW

SCALE: 1"=5'

REFLECTIVE CRACKING TEST AREA LOOKING EAST VIEW

N.T.S.



SECTION A-A

SECTION C-C

EXISTING TEST AREA UNDERLAY DETAIL

HORIZONTAL SCALE: 1"=5'
VERTICAL SCALE: 1"=0.5'

LEGEND:

- P-501 CONCRETE PAVEMENT (PORTLAND CEMENT CONCRETE)
- DENSE GRADED AGGREGATE
- SUBGRADE

5' 0 5' 10' 15'

GRAPHIC SCALE

1" = 5'

REFLECTIVE CRACKING TEST AREA LOOKING WEST VIEW

N.T.S.

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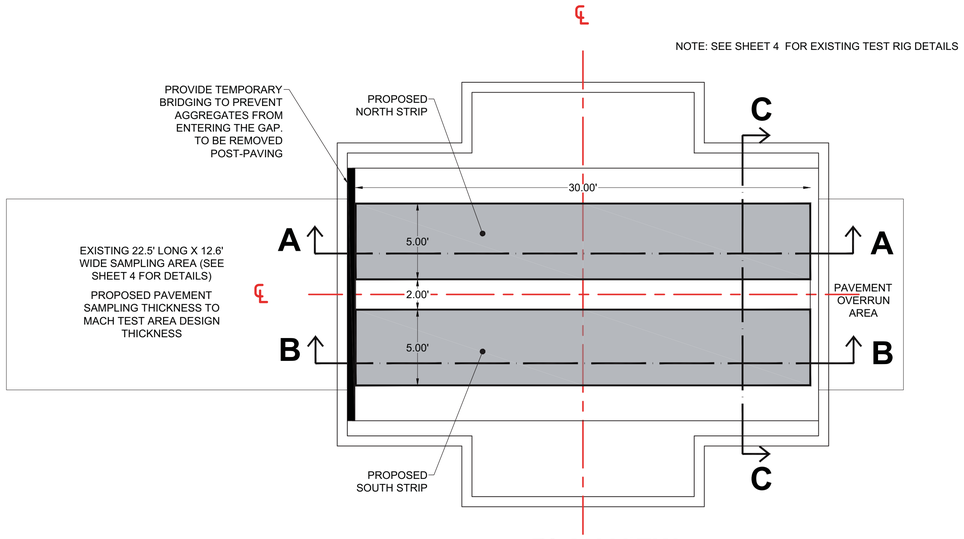
ATLANTIC CITY AIRPORT, NJ

	NAME	DATE
DRAWN	M.MAZUREK	12/08/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING
TESTING AREA EXISTING CONDITIONS PLAN

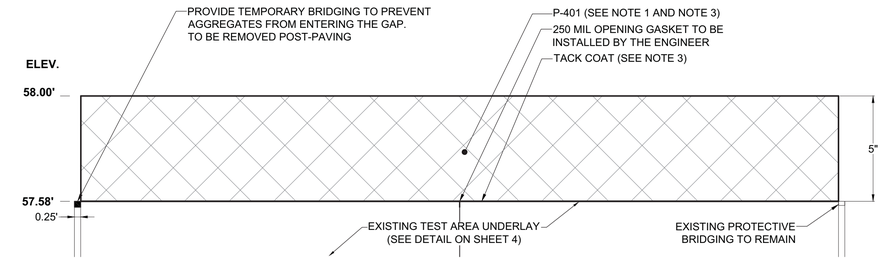
PROJECT NO: | SIZE: ANSI D | SCALE: AS NOTED | SHEET 4 OF 9

CAD FILE: REFL-CRACK-PHA3-GNRL.DWG



PLAN VIEW

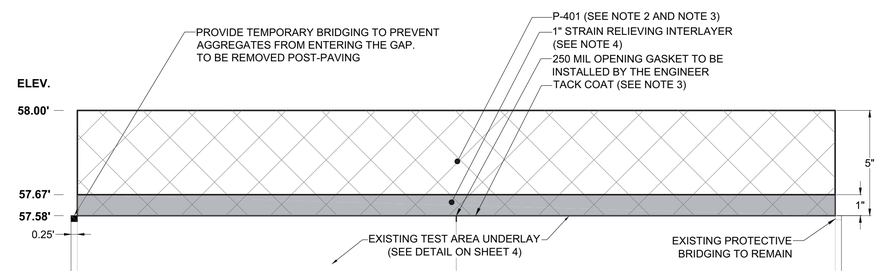
SCALE: 1"=5'



SECTION A-A (NORTH STRIP)

HORIZONTAL SCALE: 1"=3'

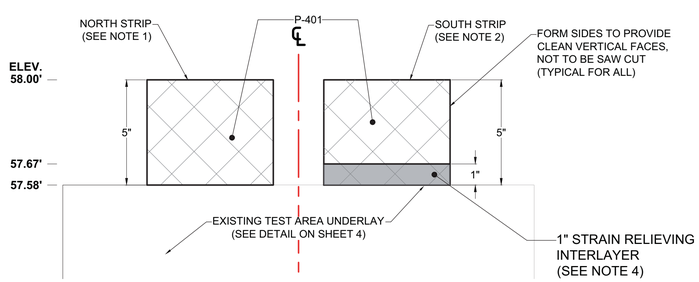
VERTICAL SCALE: 1"=0.3'



SECTION B-B (SOUTH STRIP)

HORIZONTAL SCALE: 1"=3'

VERTICAL SCALE: 1"=0.3'



SECTION C-C

HORIZONTAL SCALE: 1"=3'

VERTICAL SCALE: 1"=0.3'

NOTES:

1. PLACE THE NORTH SIDE TEST STRIP IN TWO (2) $2\frac{1}{2}$" COMPACTED LIFTS.
2. PLACE THE SOUTH SIDE TEST STRIP IN ONE (1) 1", ONE (1) $1\frac{1}{2}$", AND ONE (1) $2\frac{1}{2}$" COMPACTED LIFTS.
3. STRAIGHT ASPHALT BINDER (I.E., PG 64-22) SHALL BE APPLIED BETWEEN LIFTS AND ON TOP OF THE CONCRETE AS A TACK COAT, AT AN APPLICATION RATE OF 0.04 – 0.06 GAL/YD2.
4. 1" STRAIN RELIEVING INTERLAYER CONSISTS OF A SPECIALIZED P-401 MIX.

LEGEND:

P-401 PLANT MIX BITUMINOUS PAVEMENT

P-401 PLANT MIX BITUMINOUS PAVEMENT (STRAIN RELIEVING INTERLAYER)

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NATIONAL AIRPORT PAVEMENT TEST FACILITY
ATLANTIC CITY AIRPORT, NJ

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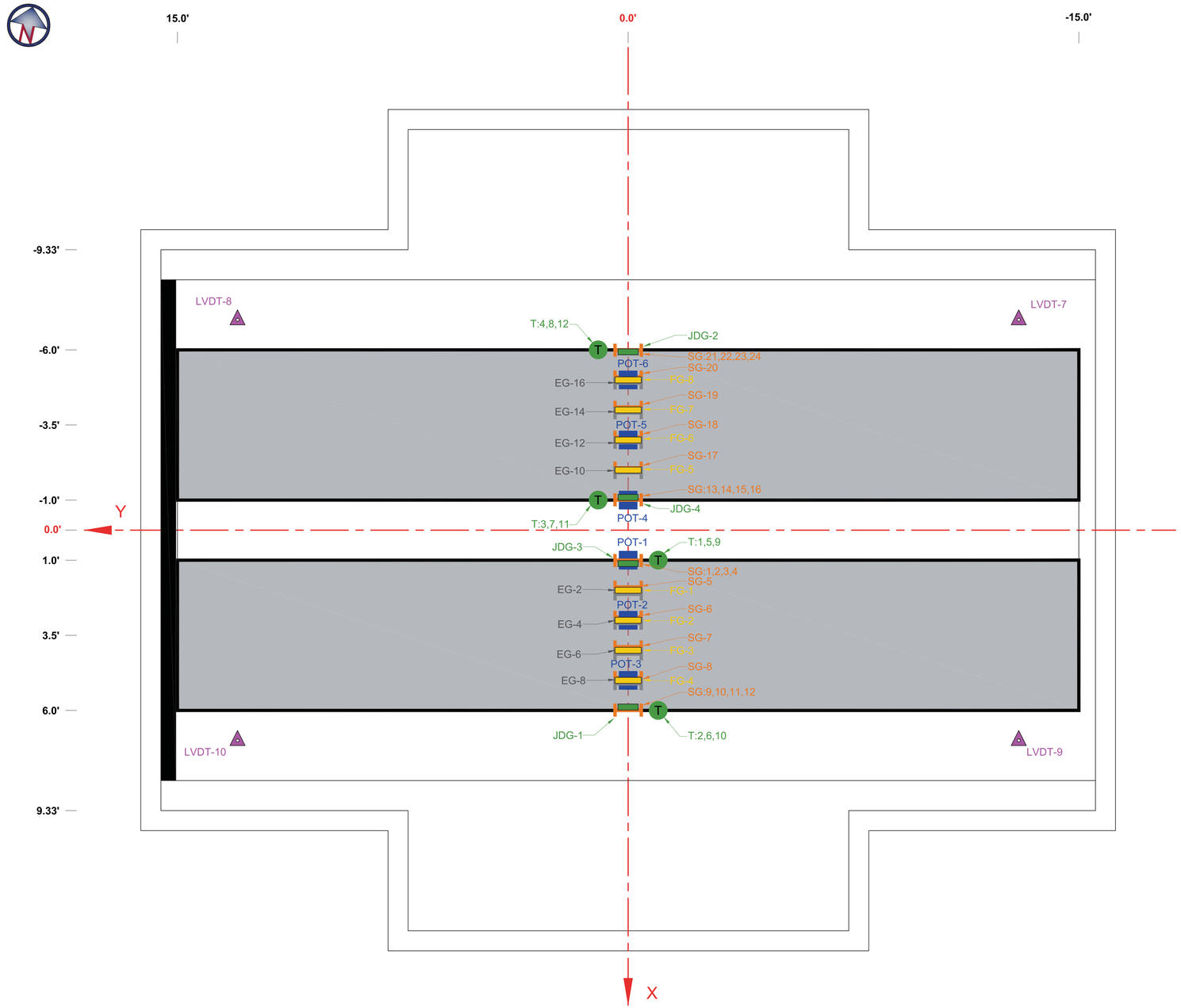
DRAWN	M.MAZUREK	12/09/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING PHASE III

CONSTRUCTION PLAN

PROJECT NO:	SIZE: ANSI D	SCALE: AS NOTED	SHEET 5 OF 9

CAD FILE: REFL-CRACK-PHA3-CONST.DWG



PLAN VIEW

SCALE: 1"=2'

PROPOSED INSTRUMENTATION

NORTH INSTRUMENTATION				
SENSOR	X (FT)	Y (FT)	Z (INCH)	ELEV(FT)
SG-13	-1.00	0.00	0.25	57.60
SG-14	-1.00	0.00	1.00	57.67
SG-15	-1.00	0.00	2.50	57.79
SG-16	-1.02	0.00	5.00	58.00
SG-17	-2.00	0.00	5.00	58.00
SG-18	-3.00	0.00	5.00	58.00
SG-19	-4.00	0.00	5.00	58.00
SG-20	-5.00	0.00	5.00	58.00
SG-21	-5.98	0.00	5.00	58.00
SG-22	-6.00	0.00	2.50	57.79
SG-23	-6.00	0.00	1.00	57.67
SG-24	-6.00	0.00	0.25	57.60
EG-10	-2.00	0.00	2.50	57.79
EG-12	-3.00	0.00	2.50	57.79
EG-14	-4.00	0.00	2.50	57.79
EG-16	-5.00	0.00	2.50	57.79
FG-5	-2.00	0.00	0.00	57.58
FG-6	-3.00	0.00	0.00	57.58
FG-7	-4.00	0.00	0.00	57.58
FG-8	-5.00	0.00	0.00	57.58
JDG-2	-6.00	0.00	0.00	57.58
JDG-4	-1.00	0.00	0.00	57.58
POT-4	-1.00	0.00	-1.875	57.43
POT-5	-3.00	0.00	-1.875	57.43
POT-6	-5.00	0.00	-1.875	57.43
LVDT-7	-7.00	-13.00	-5.000	57.17
LVDT-8	-7.00	13.00	-5.000	57.17
T-3	-1.00	1.00	5.000	58.00
T-4	-6.00	1.00	5.000	58.00
T-7	-1.00	1.00	2.500	57.79
T-8	-6.00	1.00	2.500	57.79
T-11	-1.00	1.00	0.000	57.58
T-12	-6.00	1.00	0.000	57.58

SOUTH INSRUMENTATION				
SENSOR	X (FT)	Y (FT)	Z (INCH)	ELEV(FT)
SG-1	1.00	0.00	0.25	57.60
SG-2	1.00	0.00	1.00	57.67
SG-3	1.00	0.00	2.50	57.79
SG-4	1.02	0.00	5.00	58.00
SG-5	2.00	0.00	5.00	58.00
SG-6	3.00	0.00	5.00	58.00
SG-7	4.00	0.00	5.00	58.00
SG-8	5.00	0.00	5.00	58.00
SG-9	5.98	0.00	5.00	58.00
SG-10	6.00	0.00	2.50	57.79
SG-11	6.00	0.00	1.00	57.67
SG-12	6.00	0.00	0.25	57.60
EG-2	2.00	0.00	2.50	57.79
EG-4	3.00	0.00	2.50	57.79
EG-6	4.00	0.00	2.50	57.79
EG-8	5.00	0.00	2.50	57.79
FG-1	2.00	0.00	0.00	57.58
FG-2	3.00	0.00	0.00	57.58
FG-3	4.00	0.00	0.00	57.58
FG-4	5.00	0.00	0.00	57.58
JDG-1	6.00	0.00	0.00	57.58
JDG-3	1.00	0.00	0.00	57.58
POT-1	1.00	0.00	-1.875	57.43
POT-2	3.00	0.00	-1.875	57.43
POT-3	5.00	0.00	-1.875	57.43
LVDT-9	7.00	-13.00	-5.000	57.17
LVDT-10	7.00	13.00	-5.000	57.17
T-1	1.00	-1.00	5.000	58.00
T-2	6.00	-1.00	5.000	58.00
T-5	1.00	-1.00	2.500	57.79
T-6	6.00	-1.00	2.500	57.79
T-9	1.00	-1.00	0.000	57.58
T-10	6.00	-1.00	0.000	57.58

NOTE:

Z - VERTICAL DISTANCE IN INCHES MEASURED FROM BOTTOM OF ASPHALT LAYER IN UPWARD DIRECTION.

INSTRUMENT KEY		
	EG	EMBEDDED DYNATEST STRAIN GAGE
	FG	FIBER OPTIC STRAIN SENSOR
	JDG	JOINT DISPLACEMENT GAGE
	POT	POTENTIOMETER
	LVDT	LINEAR VARIABLE DISPLACEMENT TRANSDUCER
	SG	SURFACE STRAIN GAGE
	T	THERMOCOUPLE

NO.	REVISIONS	DATE	BY	CHK	APR

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FOR

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ATLANTIC CITY AIRPORT, NJ

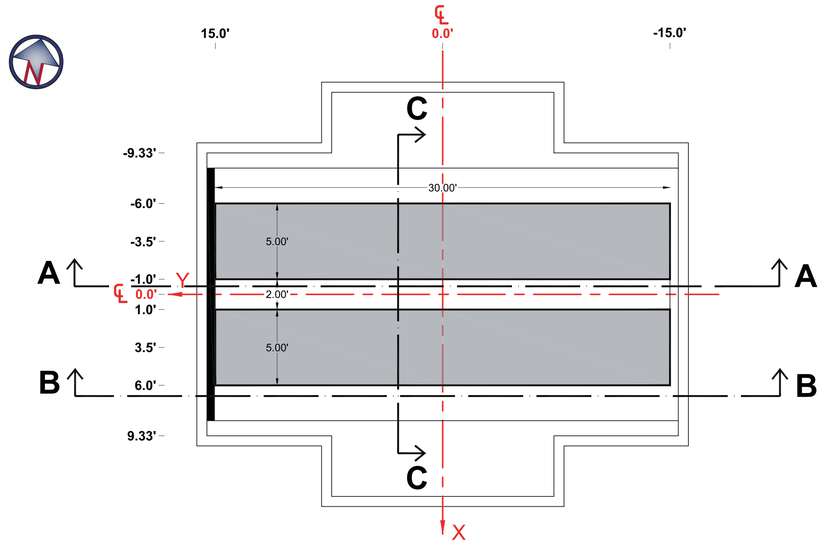
	NAME	DATE
DRAWN	M.MAZUREK	12/12/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING PHASE III

INSTRUMENTATION PLAN

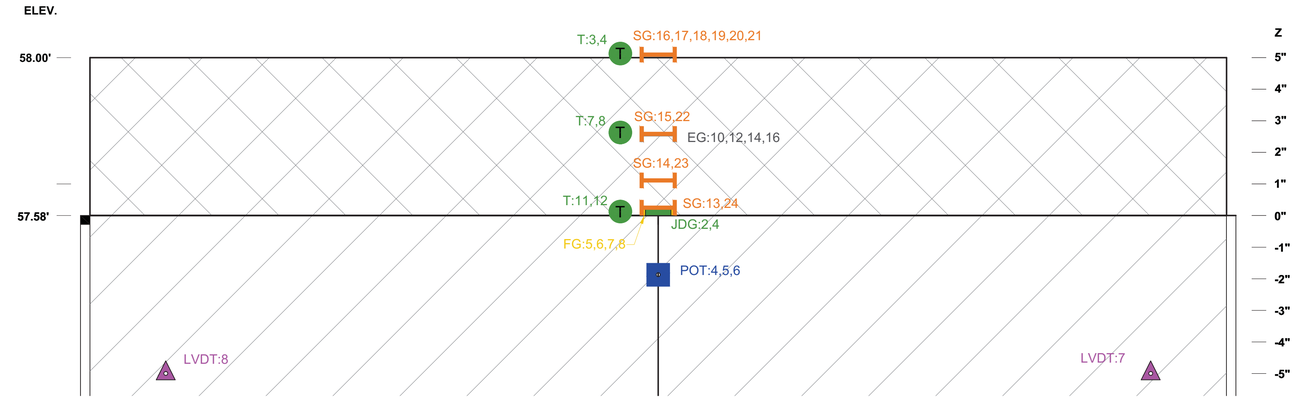
PROJECT NO:	SIZE: ANSI D	SCALE: AS NOTED	SHEET 6 OF 9

CAD FILE: REFL-CRACK-PHA3-INSTR.DWG



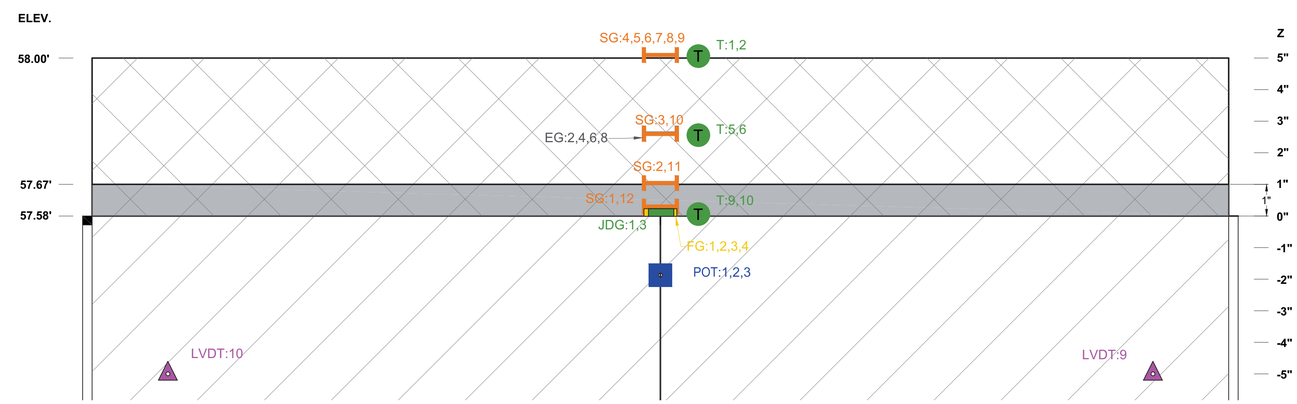
PLAN VIEW

SCALE: 1"=5'



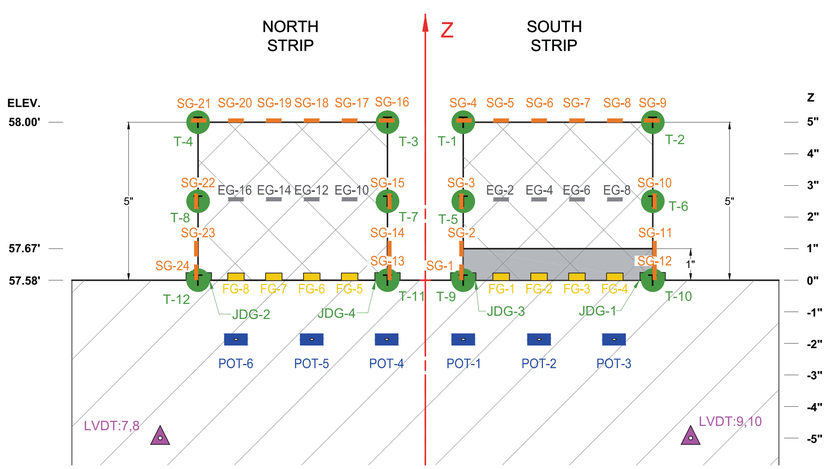
SIDE VIEW A-A (NORTH STRIP)

HORIZONTAL SCALE: 1"=2'
VERTICAL SCALE: 1"=0.2'



SIDE VIEW B-B (SOUTH STRIP)

HORIZONTAL SCALE: 1"=2'
VERTICAL SCALE: 1"=0.2'



SIDE VIEW C-C

HORIZONTAL SCALE: 1"=2'
VERTICAL SCALE: 1"=0.2'

LEGEND:

- P-401 PLANT MIX BITUMINOUS PAVEMENT
- P-401 PLANT MIX BITUMINOUS PAVEMENT (STRAIN RELIEVING INTER LAYER)

INSTRUMENT KEY		
	EG	EMBEDDED DYNATEST STRAIN GAGE
	FG	FIBER OPTIC STRAIN SENSOR
	JDG	JOINT DISPLACEMENT GAGE
	POT	POTENTIOMETER
	LVDT	LINEAR VARIABLE DISPLACEMENT TRANSDUCER
	SG	SURFACE STRAIN GAGE
	T	THERMOCOUPLE

NO.	REVISIONS	DATE	BY	CHK	APR

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ATLANTIC CITY AIRPORT, NJ

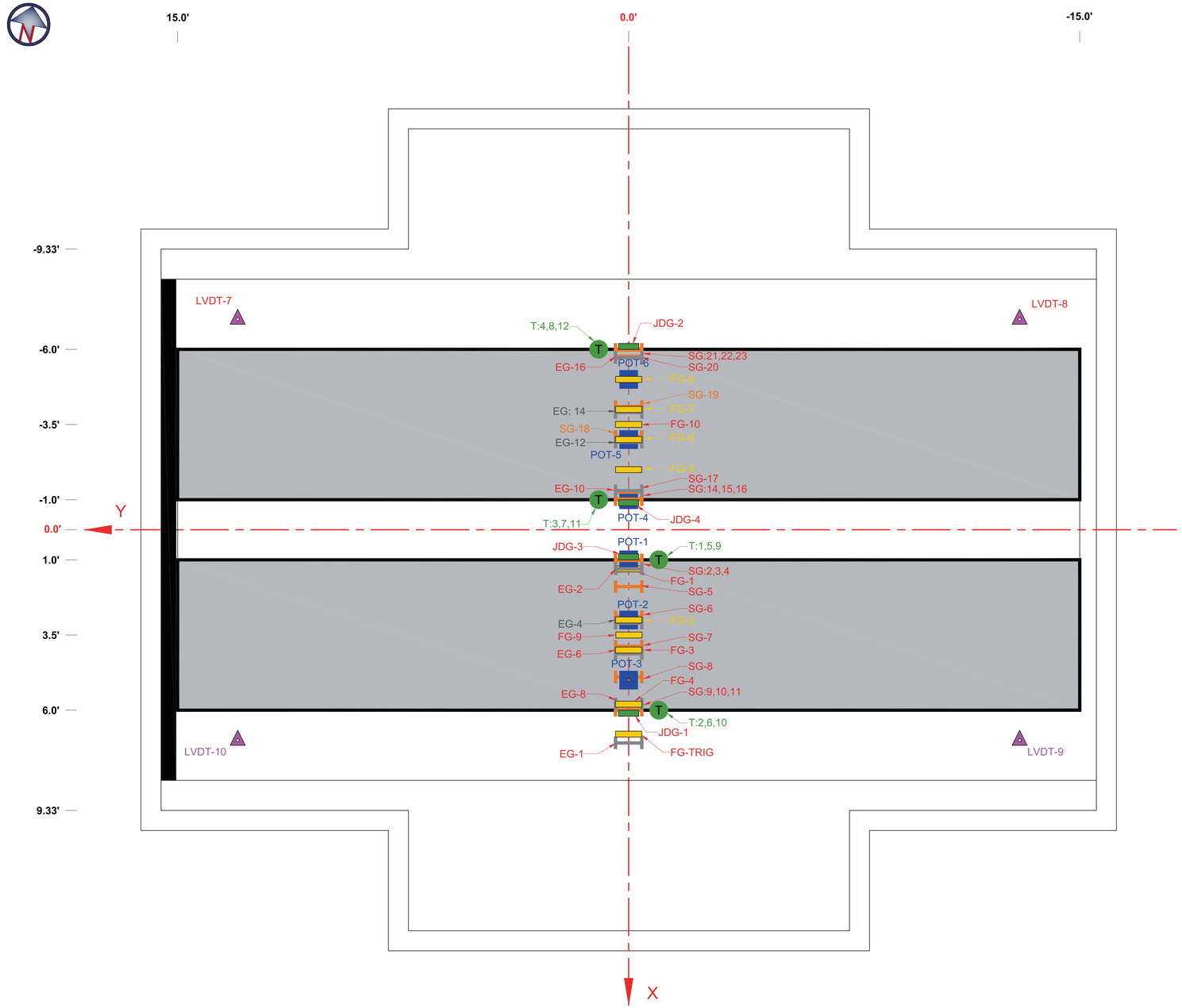
	NAME	DATE
DRAWN	M.MAZUREK	12/12/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING PHASE III

INSTRUMENTATION PLAN SIDE VIEWS

PROJECT NO: | SIZE: ANSI D | SCALE: AS NOTED | SHEET 7 OF 9

CAD FILE: REFL-CRACK-PHA3-INSTR.DWG



PLAN VIEW

SCALE: 1"=2'

AS-BUILT INSTRUMENTATION SCHEDULE

NORTH INSTRUMENTATION					
SENSOR	X (FT)	Y (FT)	Z (INCH)	ELEV(FT)	SENSOR LOCATION DESCRIPTION
SG-13					**Not installed.**
SG-14	-1.00	0.00	**0.50**	**57.63**	On surface of north slab, inner edge.
SG-15	-1.00	0.00	**3.00**	**57.83**	On surface of north slab, inner edge.
SG-16	-1.02	0.00	**5.25**	**58.02**	On surface of north slab, top.
SG-17	**-1.25**	0.00	**5.25**	**58.02**	On surface of north slab, top.
SG-18	-3.00	0.00	5.00	58.00	On surface of north slab, top.
SG-19	-4.00	0.00	5.00	58.00	On surface of north slab, top.
SG-20	**-5.77**	0.00	**4.75**	**57.98**	On surface of north slab, top.
SG-21	**-6.00**	0.00	**4.75**	**57.98**	On surface of north slab, top.
SG-22	**-6.02**	0.00	2.50	57.79	On surface of north slab, outer edge.
SG-23	**-6.02**	0.00	**0.50**	**57.63**	On surface of north slab, outer edge.
SG-24					**Not installed.**
EG-10	**-1.30**	0.00	2.50	57.79	Embedded in North slab.
EG-12	-3.00	0.00	2.50	57.79	Embedded in North slab.
EG-14	-4.00	0.00	2.50	57.79	Embedded in North slab.
EG-16	**-5.80**	0.00	2.50	57.79	Embedded in North slab.
FG-5	-2.00	0.00	0.00	57.58	On north slab, underneath asphalt.
FG-6	-3.00	0.00	0.00	57.58	On north slab, underneath asphalt.
FG-7	-4.00	0.00	0.00	57.58	On north slab, underneath asphalt.
FG-8	-5.00	0.00	0.00	57.58	On north slab, underneath asphalt.
JDG-2	**-6.10**	0.00	0.00	57.58	On concrete surface across the joint of north slab,
JDG-4	**-0.90**	0.00	0.00	57.58	On concrete surface across the joint of north slab,
POT-4	-1.00	0.00	-1.875	57.43	In joint of north slab,
POT-5	-3.00	0.00	-1.875	57.43	In joint of north slab,
POT-6	-5.00	0.00	-1.875	57.43	In joint of north slab,
LVDT-7	-7.00	**13.00**	-5.00	57.17	On west/north corner
LVDT-8	-7.00	**-13.00**	-5.00	57.17	On east/north corner
T-3	-1.00	1.00	5.00	58.00	On north slab, top of asphalt surface.
T-4	-6.00	1.00	5.00	58.00	On north slab, top of asphalt surface.
T-7	-1.00	1.00	2.50	57.79	On north slab, middle of asphalt.
T-8	-6.00	1.00	2.50	57.79	On north slab, middle of asphalt.
T-11	-1.00	1.00	0.00	57.58	On north slab, underneath asphalt.
T-12	-6.00	1.00	0.00	57.58	On north slab, underneath asphalt.
FG-10	**-3.50**	**0.00**	**2.50**	**57.79**	**Not shown on proposed instrumentation plan.** Embedded in North slab between EG-12 and EG-14.

SOUTH INSRUMENTATION					
SENSOR	X (FT)	Y (FT)	Z (INCH)	ELEV(FT)	SENSOR LOCATION DESCRIPTION
SG-1					**Not installed.**
SG-2	1.00	0.00	**0.75**	**57.65**	On surface of south slab, inner edge.
SG-3	1.00	0.00	**3.25**	**57.85**	On surface of south slab, inner edge.
SG-4	1.02	0.00	**5.25**	**58.02**	On surface of south slab, top.
SG-5	**1.25**	0.00	**5.25**	**58.02**	On surface of south slab, top.
SG-6	3.00	0.00	**5.25**	**58.02**	On surface of south slab, top.
SG-7	**4.08**	0.00	**5.25**	**58.02**	On surface of south slab, top.
SG-8	**5.79**	0.00	**5.25**	**58.02**	On surface of south slab, top.
SG-9	**6.02**	0.00	**5.25**	**58.02**	On surface of south slab, top.
SG-10	**6.04**	0.00	2.50	57.79	On surface of south slab, outer edge.
SG-11	**6.04**	0.00	**0.75**	**57.65**	On surface of south slab, outer edge.
SG-12					**Not installed.**
EG-2	**1.30**	0.00	2.50	57.79	Embeded in South slab.
EG-4	3.00	0.00	2.50	57.79	Embeded in South slab.
EG-6	**4.10**	0.00	2.50	57.79	Embeded in South slab.
EG-8	**5.80**	0.00	2.50	57.79	Embeded in South slab.
FG-1	**1.30**	0.00	**1.00**	57.67	Embedded south slab.
FG-2	3.00	0.00	**1.00**	57.67	Embedded south slab.
FG-3	**4.10**	0.00	**1.00**	57.67	Embedded south slab.
FG-4	**5.80**	0.00	**1.00**	57.67	Embedded south slab.
JDG-1	**6.10**	0.00	0.00	57.58	On concrete surface across the joint of south slab,
JDG-3	**0.90**	0.00	0.00	57.58	On concrete surface across the joint of south slab,
POT-1	1.00	0.00	-1.875	57.43	In joint of south slab,
POT-2	3.00	0.00	-1.875	57.43	In joint of south slab,
POT-3	5.00	0.00	-1.875	57.43	In joint of south slab,
LVDT-9	7.00	-13.00	-5.00	57.17	On east/south corner
LVDT-10	7.00	13.00	-5.00	57.17	On west/south corner
T-1	1.00	-1.00	5.00	58.00	On south slab, top of asphalt surface.
T-2	6.00	-1.00	5.00	58.00	On south slab, top of asphalt surface.
T-5	1.00	-1.00	2.50	57.79	On south slab, middle of asphalt.
T-6	6.00	-1.00	2.50	57.79	On south slab, middle of asphalt.
T-9	1.00	-1.00	0.00	57.58	On south slab, underneath asphalt.
T-10	6.00	-1.00	0.00	57.58	On south slab, underneath asphalt.
EG-1	**7.10**	**0.00**	**0.00**	**57.58**	**Not shown on proposed instrumentation plan.** Located south end, outside of the paved area.
FG-9	**3.50**	**0.00**	**2.50**	**57.79**	**Not shown on proposed instrumentation plan.** Embedded in south slab between EG-4 and EG-6.
FG-Trig	**6.80**	**0.00**	**0.00**	**57.58**	**Not shown on proposed instrumentation plan.** Located south end, outside of paved area.

NOTE:

1. Z - VERTICAL DISTANCE IN INCHES MEASURED FROM BOTTOM OF ASPHALT LAYER IN UPWARD DIRECTION.
2. RED FONT INDICATES AS-BUILT VALUES DIFFERENT FROM PROPOSED.

INSTRUMENT KEY		
	EG	EMBEDDED DYNATEST STRAIN GAGE
	FG	FIBER OPTIC STRAIN SENSOR
	JDG	JOINT DISPLACEMENT GAGE
	POT	POTENTIOMETER
	LVDT	LINEAR VARIABLE DISPLACEMENT TRANSDUCER
	SG	SURFACE STRAIN GAGE
	T	THERMOCOUPLE

NO.	REVISIONS	DATE	BY	CHK	APR

CSRA, INC.
1201 NEW ROAD, SUITE 242
LINWOOD, NEW JERSEY 08221
PHONE: (609) 601-6800

FOR

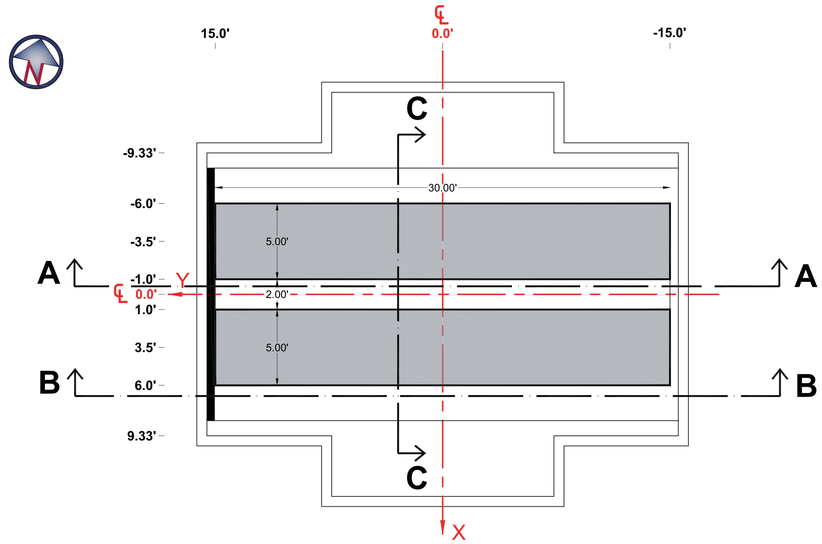
NATIONAL AIRPORT PAVEMENT TEST FACILITY
ATLANTIC CITY AIRPORT, NJ

	NAME	DATE
DRAWN	M.MAZUREK	12/12/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING PHASE III
INSTRUMENTATION AS-BUILT PLAN

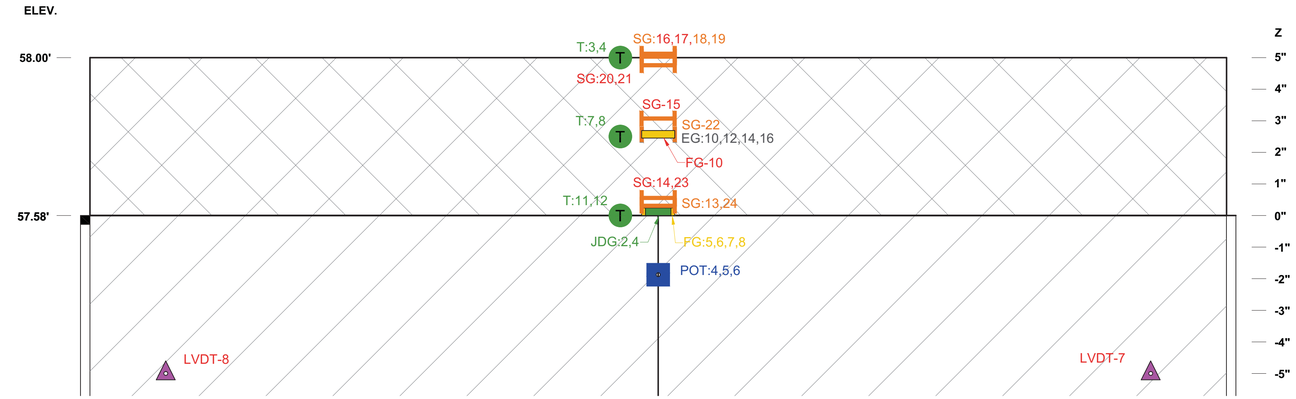
PROJECT NO: | SIZE: ANSI D | SCALE: AS NOTED | SHEET 8 OF 9

CAD FILE: REFL-CRACK-PHA3-INSTR-AS-BUILT.DWG



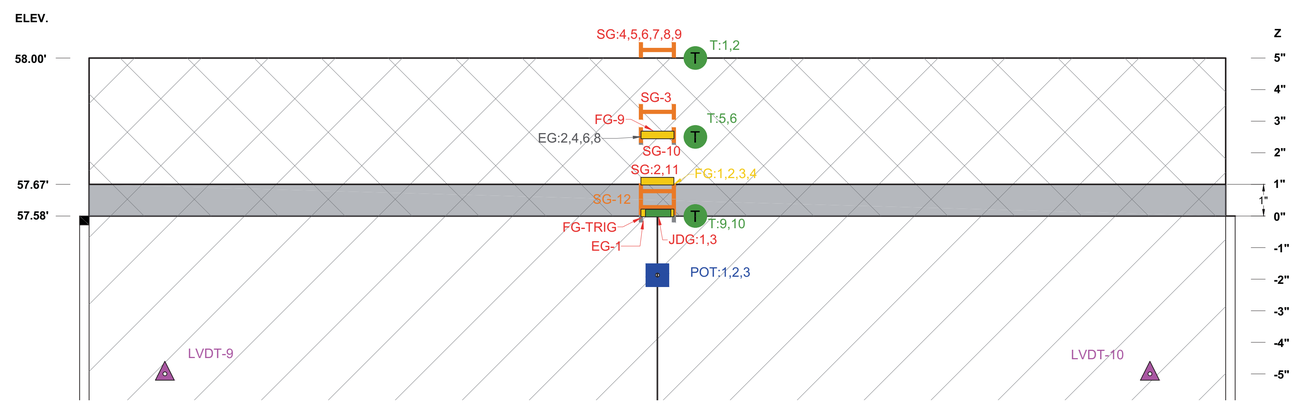
PLAN VIEW

SCALE: 1"=5'



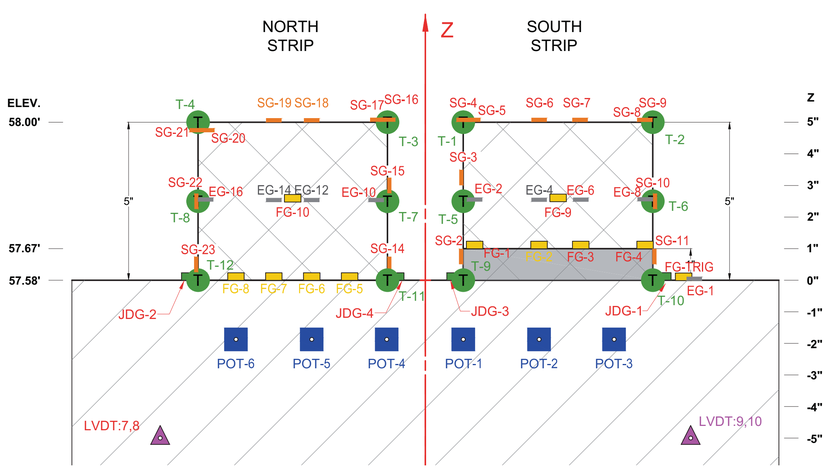
SIDE VIEW A-A (NORTH STRIP)

HORIZONTAL SCALE: 1"=2'
VERTICAL SCALE: 1"=0.2'



SIDE VIEW B-B (SOUTH STRIP)

HORIZONTAL SCALE: 1"=2'
VERTICAL SCALE: 1"=0.2'



SIDE VIEW C-C

HORIZONTAL SCALE: 1"=2'
VERTICAL SCALE: 1"=0.2'

NOTE:

RED FONT INDICATES AS-BUILT VALUES DIFFERENT FROM PROPOSED.

LEGEND:

- P-401 PLANT MIX BITUMINOUS PAVEMENT
- P-401 PLANT MIX BITUMINOUS PAVEMENT (STRAIN RELIEVING INTER LAYER)

INSTRUMENT KEY		
	EG	EMBEDDED DYNATEST STRAIN GAGE
	FG	FIBER OPTIC STRAIN SENSOR
	JDG	JOINT DISPLACEMENT GAGE
	POT	POTENTIOMETER
	LVDT	LINEAR VARIABLE DISPLACEMENT TRANSDUCER
	SG	SURFACE STRAIN GAGE
	T	THERMOCOUPLE

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FOR

NATIONAL AIRPORT PAVEMENT TEST FACILITY
ATLANTIC CITY AIRPORT, NJ

	NAME	DATE
DRAWN	M.MAZUREK	12/12/2016
CHECKED	H.YIN	
FAA APPROVAL DATE:		

REFLECTIVE CRACKING PHASE III

INSTRUMENTATION AS-BUILT PLAN SIDE VIEWS

PROJECT NO:	SIZE: ANSI D	SCALE: AS NOTED	SHEET 9 OF 9

CAD FILE: REFL-CRACK-PHA3-INSTR-AS-BUILT.DWG