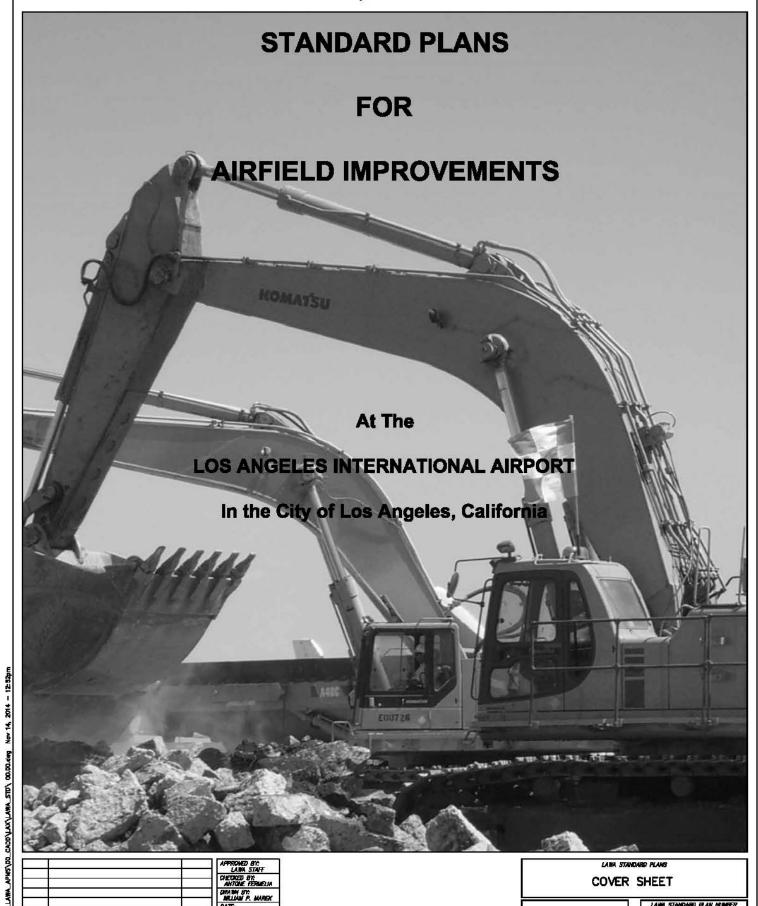
COVER SHEET

LAHA STANDARU PLAN N 00.00 SHEET: 1 OF 28







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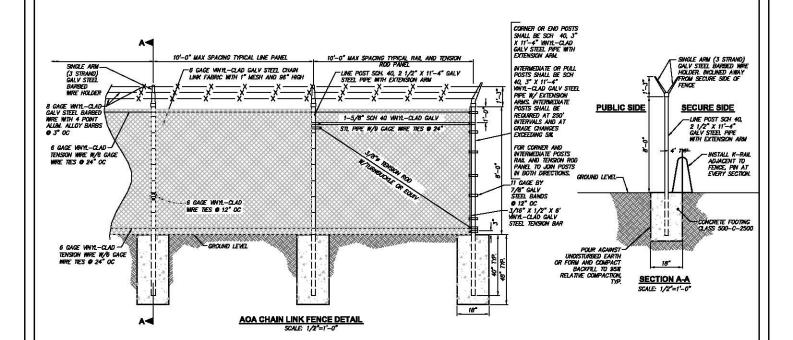
LAWA STANDARD PLAN NUMBER

00.01
SHEET: 2 OF 28



GENERAL NOTES - FENCE DETAIL

- ALL SIZES AND GAUGES FOR PIPE POSTS, RODS, AND WIRES ARE OUTSIDE DIAMETERS WHICH INCLIDES THE VINYL COATING THOCKNESS.
- ALL FENCE MATERIAL AND FITTINGS SHALL BE OF HIGH GRADE DOMESTIC QUALITY STEEL, AND SHALL BEAR MARKINGS AS BEING SUCH.
- 3. THE CHAIN LINK FABRIC SHALL BE PLACED ON THE OUTWARD FACE OF THE POSTS, STRETCHED TAUT AND SECURELY FASTENED.
- 4. ALL EXPOSED METALS, SUCH AS NUTS AND BOLTS AND WELDED AREAS SHALL BE PAINTED WITH COLOR TO MATCH THE FENCE SYSTEM.
- ALL NON VINYL-CLAD CHAIN LINK FENCE MATERIAL AND FITTINGS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR PURSUE WORKS CONSTRUCTION SECTION 206-6 UNILESS OTHERWISE SPECIFIED.
- 6. CONCRETE FOR CHAIN LINK FENCE POST FOOTINGS SHALL BE CLASS 500-C-2500.



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REVISION NO.	DESCRIPTION	DATE	

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LAWA STAFF
CHECKED BY:
ANTONE FERMELIA
DIRAIN BY:
WILLIAM P. MAREK
DATE:
11-14-2014

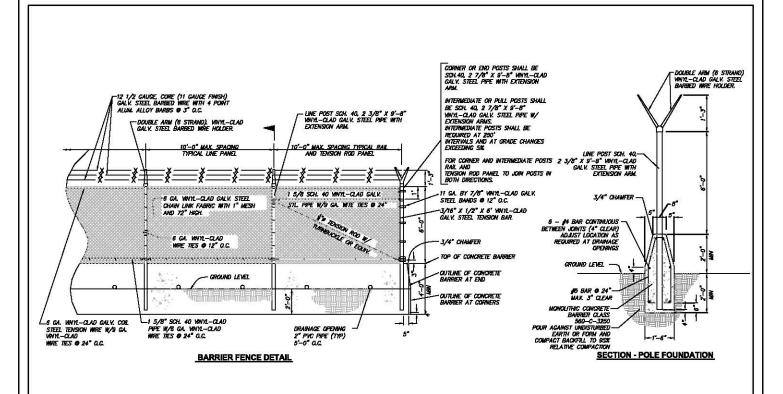
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AOA FENCING

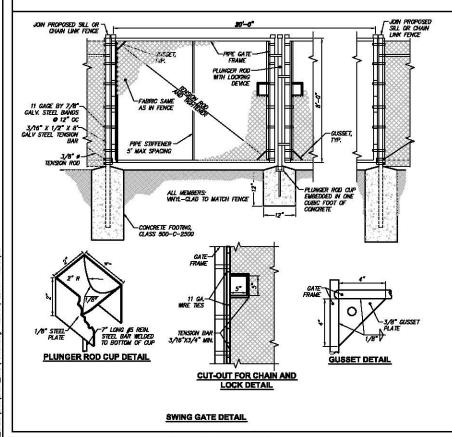
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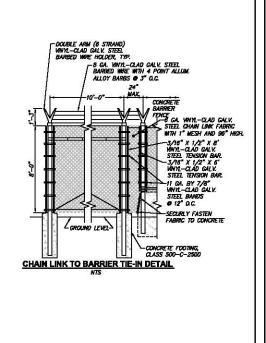
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		DATE: 11-14-2014
DESCRIPTION	DATE	HNTB
	DESCRIPTION	DESCRIPTION DATE

FENCE

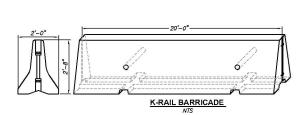
LAWA STANDARD FLAN MINISER

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SHEET: 4 0F 28

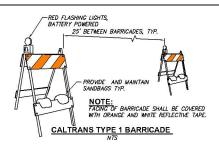
LAWA STANDARD PLANS

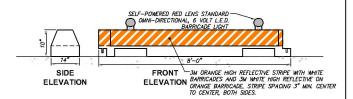




NOTE: 1. SEE "CALTRANS 2006 STANDARD PLAN 13" FOR K-RAIL DETAIL OR APPROVED EQUAL.

2. K-RAIL SHALL BE PLACED AND PINNED END TO END.





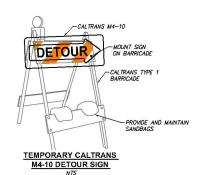
LOW-PROFILE BARRICADE

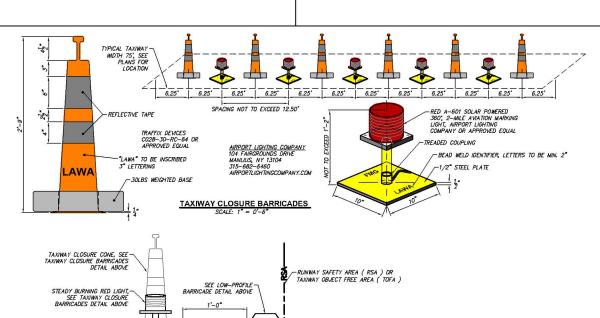
BARRICADE NOTES:

NTS

I. USE RED LIGHTS, STEADY-BURN MEETING THE LUMINANCE REQUIREMENTS OF THE CALIFORNIA HIGHWAY DEPARTMENT; COLLAPSIBLE BARRICADES WITH DIAGONAL, ALTERNATING DIAMEE AND WHITE AND REFLICTIVE MARKERS TO SEPARATE ALL THE CONSTRUCTION MARKER AREAS RESOCATED WITH ANY OPEN RUMINAYS, TAXIMANS, OR TAXILANSE MUST BE AS LOW AS POSSIBLE TO THE GROUND; OF LOW MASS, EASILY COLLAPSIBLE UPON CONTACT WITH ANY AIRCRAFT OR ANY OF ITS COMPONETS AND STRONG TATILANSE OF DREVING INSPARCAMENT FROM PROP WASH, JET BLAST, WIND VORTEX OR OTHER SURFACE WIND CURRENTS. IF AFFIXED TO THE SURFACE, THEY MUST BE FRANCIBLE AT GRADE LEVEL OR AS LOW AS POSSIBLE, BUT SHALL NOT EXCEED 3 INCHES ABOVE THE GROUND.

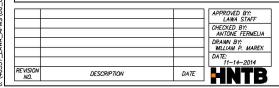
- 2. BARRICADES SHALL DELINEATE THE AREA TO BE PROTECTED AS SHOWN ON THE PHASING PLANS.
- 3. SPACE BARRICADES WITH A GAP OF 8' MAX END TO END.
- 4. CONTRACTOR SHALL USE BARRICADES IN ACCORDANCE WITH FAA AC 150/5340-1H AND 150/5370-2E. CONSTRUCTED OF HIGH MIPACT, UV-RESISTANT POLYETHYENE, WATER FILLED TYPE, AS MANUFACTURED BY OFF THE WALL (TYPE MULT-BARRIER MODEL 10°496°) OR SMILAR APPROVED EQUAL.
- 5. BARRICADES AND LIGHTS SHALL BECOME LAWA PROPERTY AT COMPLETION OF PROJECT.





LOW-PROFILE BARRICADES LOCATION DETAIL

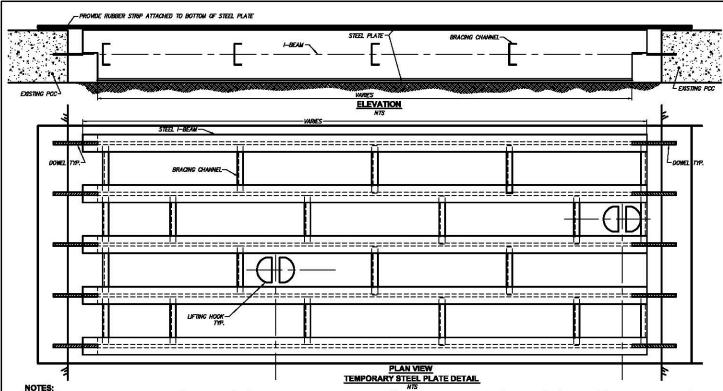
SCALE: NTS



LAWA STANDARD PLANS BARRICADE DETAILS

> LAWA STANDARD PLAN NUMBER 01.03 5 OF 28

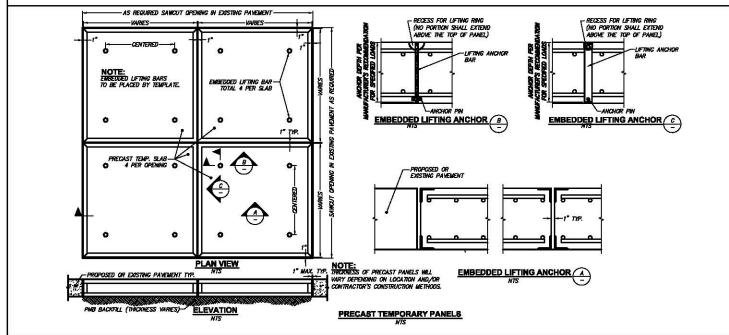


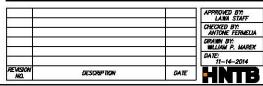


NOTES:

I ENSING SLAB DIMENSIONS AND SHAPE VARY. EXSTING SLABS SHALL BE SAW CUT AND THE SLAB REPLACEMENT SEQUENCED TO ACCOMMENT TEMPORARY PANELS WRILE STILL PROVIDER A USABLE SURFACE CAPABLE OF WITHSTANDING ARCRAFT (ENGINEER TO DETERMINE CRITICAL ARCOURT, TRAFFIC AT ALL LOCATIONS. THE CONTRACTOR SHALL PROVIDE TEMPORARY PANELS OR PROPOSE OTHER MEANS OF PAVEMENT REMOVAL AND REPLACEMENT TO PROVIDE USABLE PAVEMENT FOR ARCRAFT AND VEHICLES DURING NON-WORKING HOURS.

- 2. ALL STEEL SHAPES SHALL BE ASTM A38 URLESS OTHERWISE NOTED. ALL REINFORCING BARS SHALL BE GRADE 60. WELDING SHALL CONFORM TO ANSI/AWS D1.1-90.
- 3. THE CONTRACTOR'S SUBMITTAL SHALL INCLUDE THE DETALS OF PANEL FABRICATION, LIFTING ANCHORS, LIFTING DEVICES AND COUPLINGS, THE SUBMITTAL SHALL INCLUDE DESIGN CALCULATIONS PREPARED, SEALED AND SIGNED BY A CIVIL ENGINEER LICENSED IN THE STATE OF CALFERRIA.
- 4. THE EMBEDDED ANCHORS AND OTHER LIFTING COMPONENTS SHALL BE DESIGNED FOR A CAPACITY OF AT LEAST FOUR TIMES THE ASSOCIATED PANEL DEAD LOAD.
- 5. THICKNESS OF PRECAST PANELS WILL VARY DEPENDING ON LOCATION AND/OR CONTRACTORS CONSTRUCTION METHOD.
- 6. THE DETAILS SHOWN ON THIS SHEET DEPICT TWO SUGGESTED TEMPORARY PANEL SYSTEMS. OTHER SYSTEMS WEETING THE REQUIREMENTS MAY BE PROPOSED BY THE CONTRACTOR. REPLACEMENT OF CONCRETE SLABS WITH NON-STANDARD DIMENSIONS ARE REQUIRED AT SOME LOCATIONS. THE CONTRACTOR SHALL PROVIDE SPECIAL PRECAST PANEL OR PROPOSE OTHER MEANS OF PANEMENT REMOVAL AND REPLACEMENT TO KEEP PANEMENT USABLE BY ARCRAFT.
- 7. CONTRACTOR SHALL INSTALL TEMPORARY PANEL AND ADJUST AS NECESSARY TO MATCH ELEVATIONS OF THE ADJUCENT SLABS, SET PANELS ON GRADE TO PREVENT ROCKING.

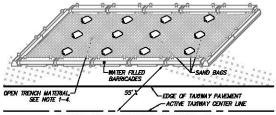




LAWA STANDARD PLANS TEMPORARY BLOCKING PLATES

> 01.04 SHEET:

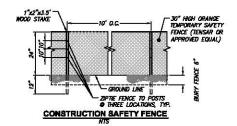


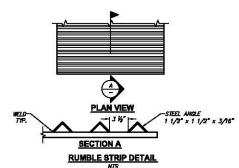


OPEN TRENCH FOD PROTECTION DETAIL (FOR DAYTIME PROTECTION IN NIGHTTIME WORK AREAS) NTS

NOTES:

- OPEN TRENCHES CHEATED BY NIGHT THE WORK WILL BE ALLOWED IN THOSE AREAS SHOWN ON THE PLANS DURING DAY THE HOURS OUTSIDE 35" OF THE PERPENDICULAR TAXIMAY STRAIGHT SECTIONS, WITH THE FOLLOWING MORK RESTRICTIONS.
- OPEN TRENCHES MUST BE PROTECTED WITH:
 A. ONE LAYER OF STEEL CHAIN LINK FENCING, 2" MESH
 SECOND LAYER SHALL BE FILTER FABRIC OR APPROVED PLASTIC CONSTRUCTION FENCING, MIN. OVERLAP 3".
- 3. SANDBAGS OR MEXCHIED WATER-FILED BARRICADE (24" MAX, HOGHT) SHALL BE PLACED ON ALL EXPOSED EDGES MICLIONICO OMBRIANS OF MITERNES, NO EPROSED OR NON-MERGHTED EDGES WILL BE ALLOMED. WEGGITS MICE PROVIDE 51.2 POUNDS OF MASS PER SQUARE FOOT OF DOWNSET PAGE 17.0.
- FOR ALL AREAS, PROVIDE INTERMEDIATE WEIGHTS TO PREVENT BILLOWING OF GEOTEXTILES, SPACING SHALL BE FIELD DETERMINED.





NOTES:

1. RUMBLE STRIP SHALL BE MINIMUM OF 20' LONG X WIDTH (SUFFICIENT TO COVER HALLING ROUTE)

2 IF MULTIPLE RUMBLE STRIPS ARE USED, THEY SHALL BE FASTENED TOGETHER TO PREVENT MOVEMENT.

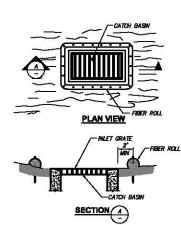
			APPROVED BY: LAWA STAFF
			CHECKED BY: ANTONE FERMELIA
			DRAWN BY: WILLIAM P. MAREK
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LAWA STANDARD PLANS

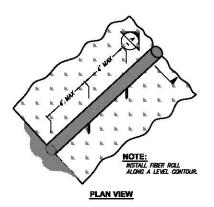
F.O.D. PROTECTION

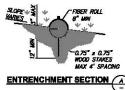
LAWA STANDARD PLAN NUMBER 01.05





FIBER ROLL INLET SEDIMENT FILTER





TYPICAL FIBER ROLL INSTALLATION

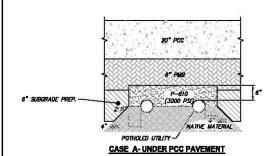
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ANTONE FERMELIA
DRAWN BY:
WILLIAM P. MAREK
DATE:
11-14-2014

LAWA STANDARD PLANS EROSION CONTROL

LAWA STANDARD PLAN NUMBER
01.06
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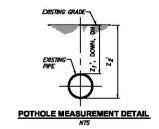


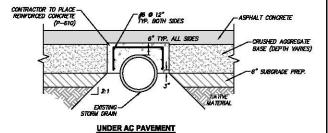


TYPE 1 PROTECTION: EXISTING UTILITY WITHIN 8" OF PMB NTS

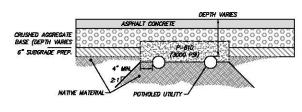
NOTE:

- TO CONTRACTOR SHALL DETERMINE TYPE (CASE A OR B)
 TO BE USED DEPENDING ON EXISTING UTILITY DEPTH AND PROPOSED PAYEMENT SECTION.
- 2. WHERE EXISTING UTILITY IS WITHIN 6" OF THE PING SECTION, UTILITY SHALL BE ENCASED WITH P-610 AS SHOWN HERER.





TYPE 2 PROTECTION: EXISTING STORM DRAIN WITHIN BASE SECTION NTS



CASE B - UNDER AC PAVEMENT

APPROVED BY:
LIMIN STAFF
CHECKED BY:
ANTONE FERMALIA

GRAWN BY:
WILLIAM P. MAREN
DATE:
11-14-2014

HOLD DESCRIPTION
DATE

APPROVED BY:

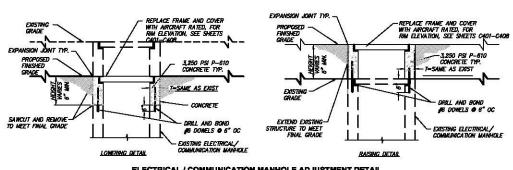
LAWA STANDARD PLANS

EXISTING UTILITY PROTECTION 1

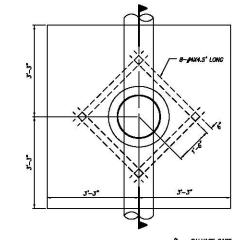
LAWA STANDARD PLAN NUMBER

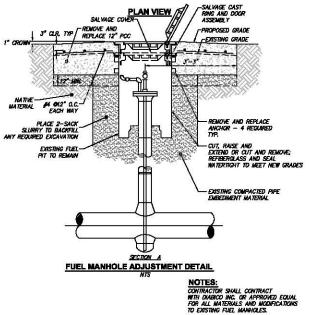
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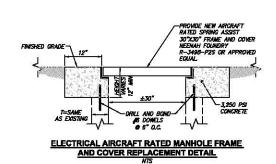


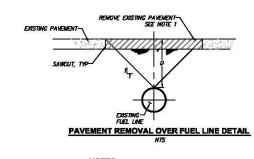


ELECTRICAL / COMMUNICATION MANHOLE ADJUSTMENT DETAIL NTS









NOTES:

1. PAVEMENT OVER FUEL LINE AS BONCATED SHALL BE REMOVED WITH A SIDE VERTICAL LIFT. IN ABPLOT EXPRENSIVE SHALL BE USED, 2. CONTRACTOR SHALL POTHOLE UTILITY AND DETERMINE DEPTH "D' PROOR TO DEMOLITION OVER FUEL LINE.

3. IF STEPHA FUEL LINES ARE PARALLEL, SPECIAL PAYEMENT REMOVAL INDICATED IN NOTE 1 SHALL EXTEND A DISTANCE OF D PROM COTTER MOST FUEL LINES.

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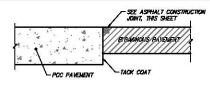
LAWA STANDARD PLANS

EXISTING UTILITY PROTECTION 2

LAWA STANDARD PLAN NUMBER

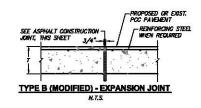
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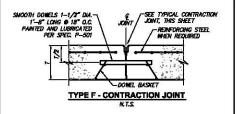


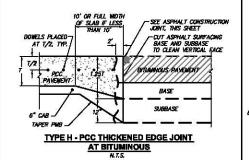


TYPE G - P.C.C. AT BITUMINOUS JOINT TREATMENT

N.7.S.







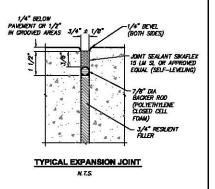
SEE TYPICAL EXPANSION JOINT, THIS SHEET PROPOSED OR EXIST PCC PAVEMENT -reinforcing Steel When required 1/2 PROVIDE THICKENED EDGE BOTH SIDES WHEN CONSTRUCTING PROPOSED PAVEMENT ON BOTH SIDES OF JOINT 6" SUBGRADE -PREP

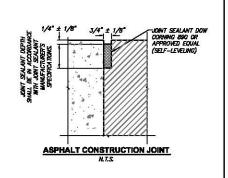
TYPE B - THICKENED EDGE EXPANSION JOINT

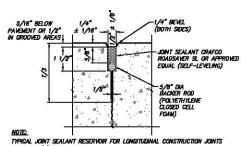
SMOOTH DOWELS 1-1/2" DIA. 1'-8" LONG © 18" O.C. PAINTED AND LUBRICATED PER SPEC. P-501 3" CLR _- DRILL AND EPOXY J CLR STEEL-SECONDARY POUR INITIAL POUR OR EXISTING PAVEMENT

TYPE D - LONGITUDINAL / TRANSVERSE

CONSTRUCTION JOINT

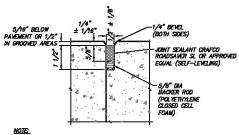






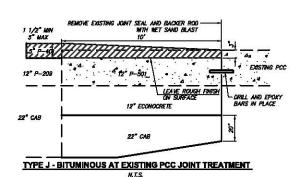
TYPICAL JOBIT SEALANT RESERVOIR FOR LONGITUDINAL CONSTRUCTION JOINTS WITHOUT 1/8" MOTIAL CUT.

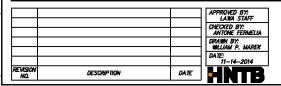
TYPICAL CONTRACTION JOINT



TYPICAL JOINT SEALANT RESERVOIR FOR LONGITUDINAL CONSTRUCTION JOINTS WITHOUT 1/8" NITIAL CUT.

TYPICAL CONSTRUCTION JOINT



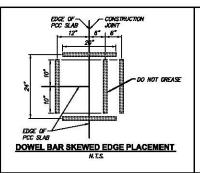


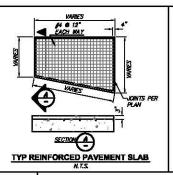
LAWA STANDARD PLANS

PAVEMENT JOINT DETAILS - 1

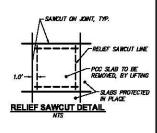
LAWA STANDARD PLAN NUMBER 30.01 SHEET: 11 OF 28

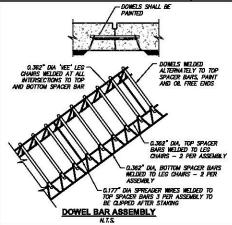




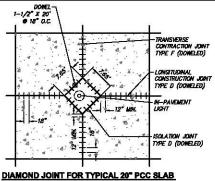


DUILE. ARE TO BE PLACED IN THE HORIZONTAL PLANE AND PERPENDICULAR TO THE JOINT. MAXIMAM ALLOWINGLE TOLERANCE SHALL BE 2N OR 1/4" PER FOOT IN THE HORIZONTAL AND VERTICAL PLANE. - LONGITUDINAL JOINT DOWEL BAR EDGE PLACEMENT (TYP)

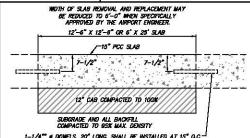




- GENERAL PANNS HOTES
 1. USE TYPE D CONSTRUCTION JOINT WHERE PANNS OPERATIONS ARE DELAYED OR STOPPED.
- 2. DOWELS SHALL BE PROPERLY POSITIONED BY USE OF AN APPROVED SUPPORT ASSEMBLY.
- 3. SAMED EDGES OF PAVING SHALL BE STRAIGHT, VERTICAL AND SMOOTH.
- JOINTS SHALL BE THOROUGHLY CLEARED BY COMPRESSED WATER AND WET SAND BLASTED PRIOR TO APPLICATION OF THE SEALANT.
- 5. JOINT FACES SHALL BE DRY PRIOR TO PLACING SEALANT MATERIAL.
- JOINT SEALANT DEPTH SHALL BE IN ACCORDANCE WITH JOINT SEALANT MANUFACTURER'S SPECIFICATIONS.
- DONEL BAR SPACING SHALL BE 18" ON CENTER. DONEL BARS SHALL BE SPACED AT LEAST 18" FROM ANY SLAB CORNER AND THE SPACING FROM THE LAST DONEL BARS ON A SIZE TO THE ADJACENT CORNERS SHALL BE THE SIME AT BOTH ENDS OF THE SLAB.

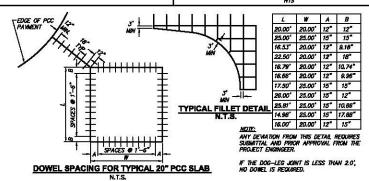


DIAMOND JOINT FOR TYPICAL 20" PCC SLAB



1-1/4" # DOMELS, 20' LONG, SHALL BE INSTALLED AT 15" O.C.
NON-SALVAGE/BLE DOMELS SHALL BE REPLACED, WHERE HE DOWN ONESS ARE BE STAR DRELLED IN'
BHTD ENSTMIG SLAB AND SET LEVEL, DOMELS SHALL BE PAINTED
ONE COAT OF RED LEAD, GREASED ON ONE FID AND PAINTED
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ONE COA

PCC SLAB REPLACEMENT



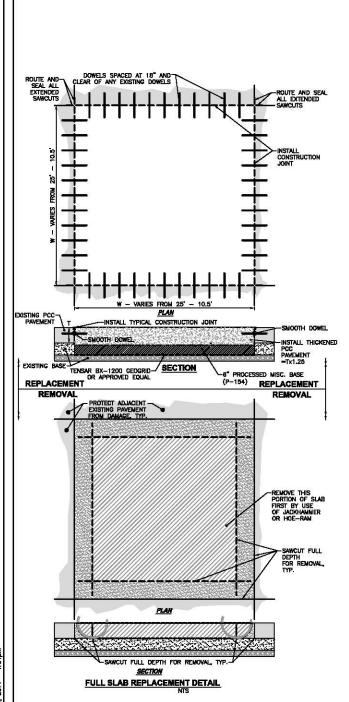
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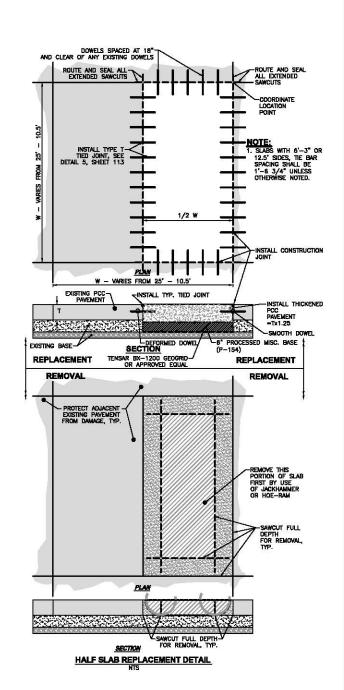


LAWA STANDARD PLANS

PAVEMENT JOINT DETAILS - 2

LAWA STANDARD PLAN NUMBER 30.02 SHEET: 12 OF 28





APPROVED BY:
LAM STAFF
CHECKED BY:
ANTONE FERMELLA

DRINN BY:
WILLIAM STAFF

CHECKED BY:
ANTONE FERMELLA

DRINN BY:
WILLIAM P. MAPER

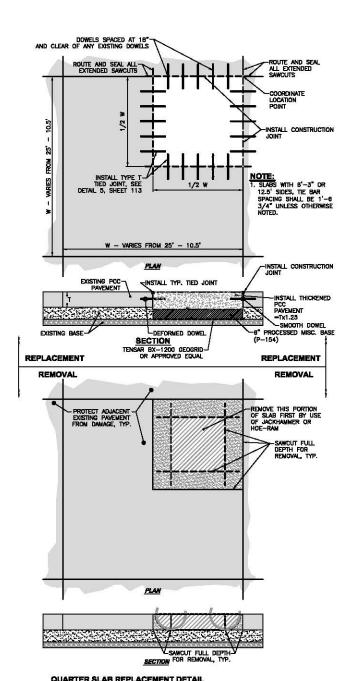
DATE:
11-14-2014

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LAWA STANDARD PLANS

SLAB REPLACEMENT DETAILS 1

30.03 SHEET: 13 OF 28



QUARTER SLAB REPLACEMENT DETAIL NTS

APPROVED BY:
LAMS STAFF
CHECKED BY:
ANTONE FERMELIA
DERAWN BY:
MILIMA P. MAREN
DATE:
11-14-2014
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LAWA STANDARD PLANS

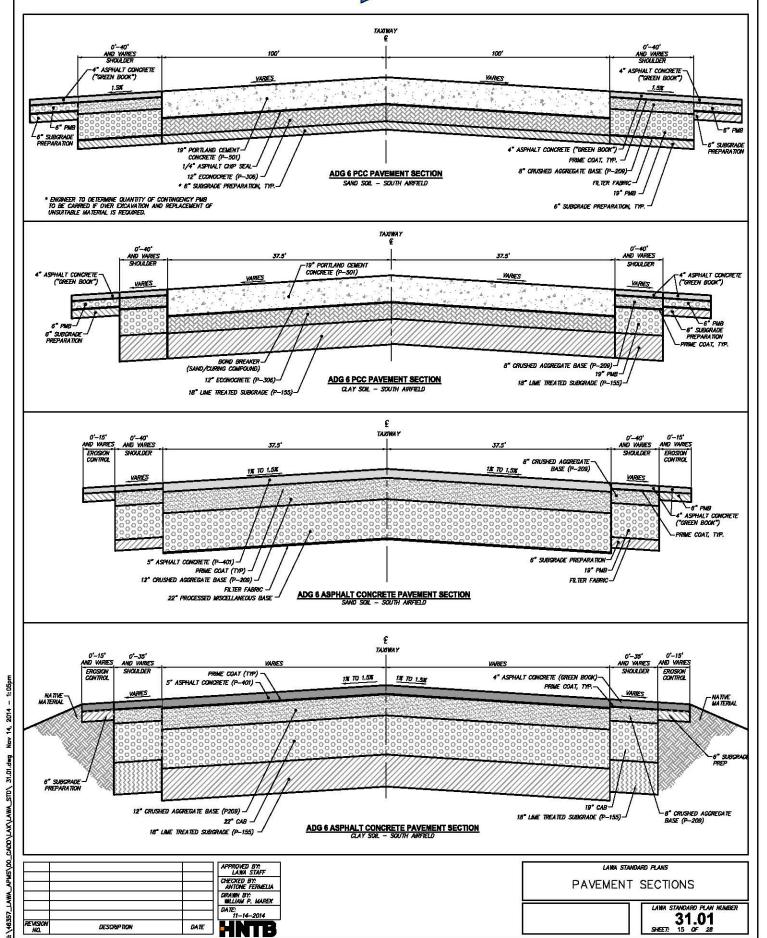
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LAWA STANDARD FLAN NUMBER

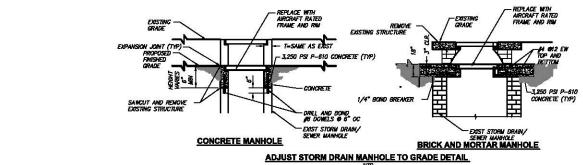
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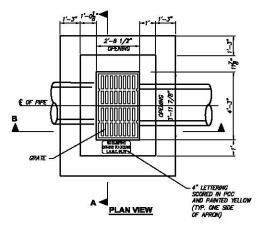
SHEET: 14 OF 28

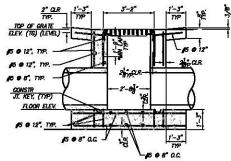


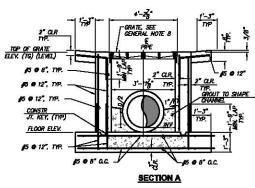






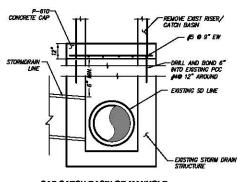






SECTION B

CATCH BASIN TYPE A



CAP CATCH BASIN OR MANHOLE STRUCTURE BELOW GRADE DETAIL

- GENERAL NOTES:

 1. ALL CONCRETE SHALL MEET THE REQURREMENTS OF SECTION P-610.
- 2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
- 3. CONCRETE COVER ON ALL REINFORCING STEEL SHALL BE 2" MINIMUM.
- 4. THE MANHOLE FRAME AND LED SHALL BE ARRORAFT RATED FOR 100,000 LBS. WHEEL LOAD NEEDAH FOUNDRY CO. NO. R-3492, EAST JORDAN IRON WORKS NO. 1900 OR APPROVED EQUAL.
- 5. FOR NUMBER DESIGNATIONS, LOCATION OF MANHOLES, PIPE SIZES AND FLOWLINE ELEVATIONS, SEE GRADING AND DRAINAGE PLANS.
- 6. INVERT OF MANHOLE SHALL BE SHAPED TO PROVIDE SMOOTH FLOW.
- 7. THE CONTRACTOR MAY OPTIONALLY PROVIDE VERTICAL WALL REINFORCING STEEL FALL LENGTH FROM THE BOTTOM SLAB TO THE TOP OF WALL, IN LIEU OF USING THE 1'-9" LAP AT THE CONSTRUCTION JOINT BETWEEN THE WALL AND SLAB.
- 8. THE INLET FRAME AND BOLTED DOWN GRATE SHALL BE NEENAH FOUNDRY CO. NO. R-3475-F OR APPROVED EQUAL.

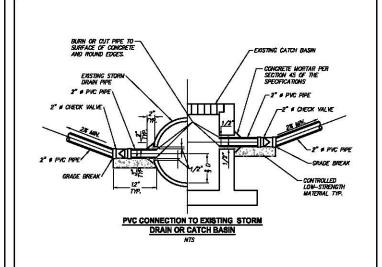
APPROVED BY: LAWA STAFF CHECKED BY: ANTONE FERMELIA DRAWN BY: WILLIAM P. MAREK DATE: 11-14-2014 REVISION NO. DESCRIPTION DATE

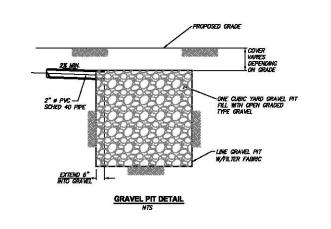
LAWA STANDARD PLANS

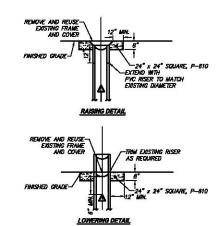
GRADING AND DRAINAGE DETAILS 1

LAWA STANDARD PLAN NUMBER 40.01 SHEET: 16 OF 28









WATER VALVE COVER ADJUST TO GRADE
NTS

REVISION NO.	DESCRIPTION	DATE

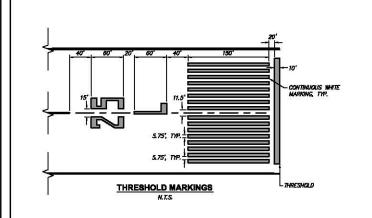
APPROVED BY:
LAWA STAFF
CHECKED BY:
ANTONE FERMELIA
DRAWN BY:
WILLIAM P. MAREK
DATE:
11-14-2014

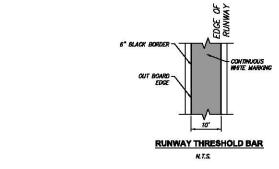
LAWA STANDARD PLANS

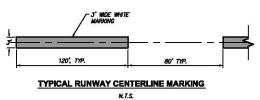
GRADING AND DRAINAGE DETAILS 2

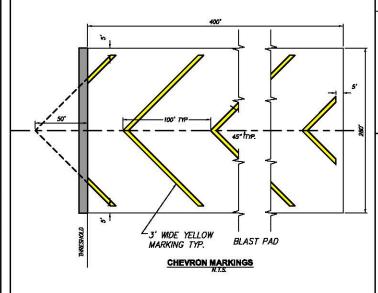
LAWA STANDARD PLAN NUMBER
40.02
SHEET: 17 OF 28

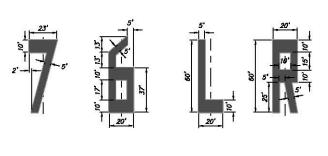




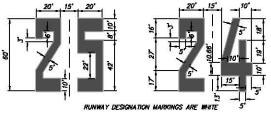




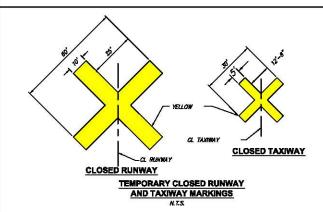




11-14-2014

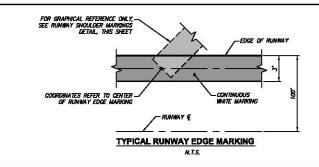


RUNWAY DESIGNATION MARKINGS





RUNWAY SHOULDER MARKINGS

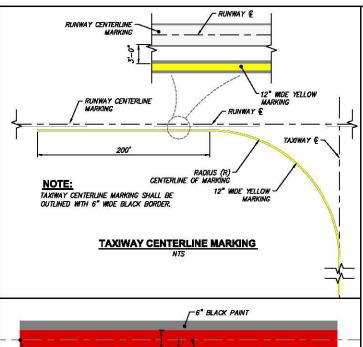


			APPROVED BY: LAWA STAFF
4			CHECKED BY: ANTONE FERMELIA
			DRAWN BY: WILLIAM P. MAREK
			DATE: 11-14-2014
REVISION NO.	DESCRIPTION	DATE	HNTE

LAWA STANDARD PLANS RUNWAY MARKING

> LAWA STANDARD PLAN NUMBER 50.01 SHEET: 18 OF 28

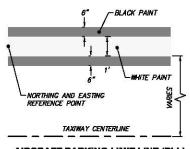




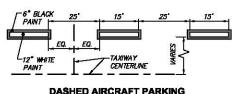
NORTHING AND EASTING
REFERENCE POINT

TAXIWAY CENTERLINE

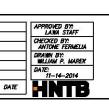
FIXED OR MOVEABLE OBJECT (FOMO) SCALE: 1/2" = 1'-0"

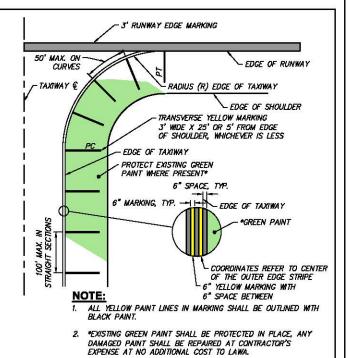


AIRCRAFT PARKING LIMIT LINE (PLL) SCALE: 1/2" = 1'-0"

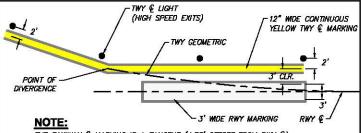


DASHED AIRCRAFT PARKING
LIMIT LINE (PLL)



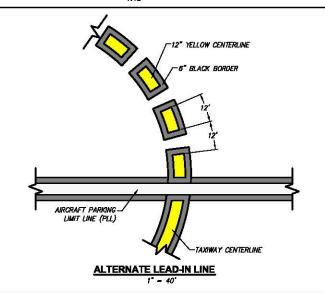


TAXIWAY EDGE AND SHOULDER MARKING



THE TAXIMAY \P MARKING IS A TANGENT (4.75' OFFSET FROM RWY \P) UNTIL THE GEOMETRIC \P IS INTERSECTED. SEE PLANS.

TAXIWAY SPIRAL CENTERLINE MARKING



LAWA STANDARD PLANS
TAXIWAY MARKING

LAWA STANDARD FLAN NUMBER

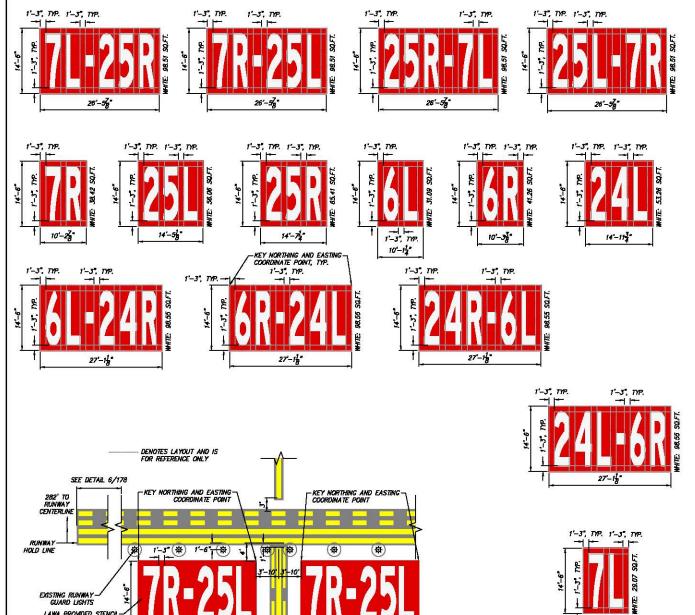
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SHEET: 18 OF 28

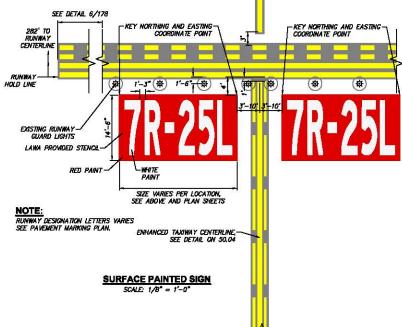
LAWA_APMS\DO_CADO\LAX\LAWA_STD\ 50.01.4mg Nov 14, 2014 - 1:07pm

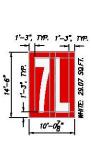
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DESCRIPTION











REVISION NO. DATE DESCRIPTION

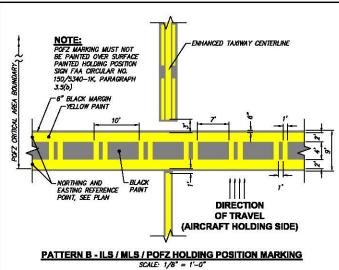
APPROVED BY: LAWA STAFF CHECKED BY: ANTONE FERMELIA DRAWN BY: WILLIAM P. MAREK DATE: 11-14-2014

LAWA STANDARD PLANS

SURFACE PAINTED SIGNS

LAWA STANDARD PLAN NUMBER 50.03 SHEET: 20 OF 28





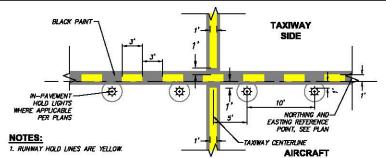
PAVEMENT : EDGE EXTEND TO WITHIN 5' OF RUNWAY PAVEMENT EDGE OR 25' FROM EDGE OF TAXIWAY SHOULDER, WHICHEVER IS LESS SIDE ACK PAINT 282' TO RUNWAY CENTERLINE 4 LINES AND 3 SPACES 12" EA 7' TOTAL RUNWAY HOLD LINE (0 NORTHING AND EASTING REFERENCE POINT, SEE PLAN EXISTING RUNWAY GUARD LIGHTS AIRCRAFT HOLDING ENHANCED TAXTWAY CENTERLINE TAXIWAY EDGE MARKING SIDE NOTES: 1. RUNWAY HOLD LINES ARE YELLOW. 2. ALL SPACES BETWEEN PAINT LINES IN MARKING SHALL BE PAINTED IN BLACK.

> PATTERN A - RUNWAY HOLDING POSITION MARKING SCALE: 1/8" = 1'-0"

> > **HOLDING**

EXISTING RUNWAY GUARD LIGHTS NORTHING AND EASTING REFERENCE POINT, SEE PLAN 150 NORTHING AND EASTING REFERENCE POINT, SEE PLAN ENHANCED TAXIWAY CENTERLINE MARKING

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



- 2. ALL SPACES BETWEEN PAINT LINES IN MARKING SHALL BE PAINTED IN BLACK.

3. HOLD LIGHT SPACING VARIES, SEE LIGHTING PLANS FOR ADDITIONAL INFORMATION.

PATTERN C - INTERMEDIATE HOLDING POSITION MARKING FOR TAXIWAY / TAXIWAY INTERSECTIONS SCALE: 3/16" = 1'-0"

HOLDING POSITION MARKING -6" BORDER (BLACK) 8 inscriptions (Black) Typ. See Note NOTE: INSCRIPTIONS (BLACK) PROPORTIONAL TO LETTER SIZE IN APPENDIX 1 AC 150/5340-1K EXISTING TAXIWAY ---TAXIWAY DIRECTION SIGN (WHICH TAXIWAY AIRCRAFT IS TURNING ONTO) - 1'-3" MARGIN, TYP. 3' TO EDGE -BACKGROUND (YELLOW) 15" MARGIN VARIES PER PLAN -BLACK LETTERING YELLOW BACKGROUND SURFACE PAINTED TAXIWAY DIRECTION SIGN SCALE: 3/18

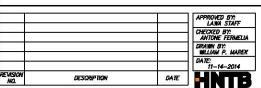
GENERAL NOTES:

- ALL CONDITIONS SHOULD BE CHECKED AND VERIFIED AT THE JOB SITE. ANY DISCREPANCY SHALL BE REPORTED TO OFFICE OF ENGINEERING AT 424-646-5700. ALL MARKINGS SHALL BE LAID OUT BY THE LAWA SURVEYOR BEFORE PAINTING. ALL CONFLICTED MARKINGS SHALL BE COMPLETELY REMOVED BY WATER-BLASTING OR GRINDING (BLACKOUT PAINT IS NOT ACCEPTABLE). ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST CODES AND ORDINANCES.

TAXIWAY LOCATION SIGN (WHICH TAXIWAY AIRCRAFT IS LOCATED ON)

REFERENCES:

- LAWA AIRPORT LAYOUT PLAN DRAWING NO. 20090001-200A LAWA AIRFIELD INTERSECTION IMPROVEMENTS DRAWING NO. 20060043 P.D.
- 20050048-80 LAWA SURVEY RECORDS. FAA CIRCULAR NO. 150_5340_1K

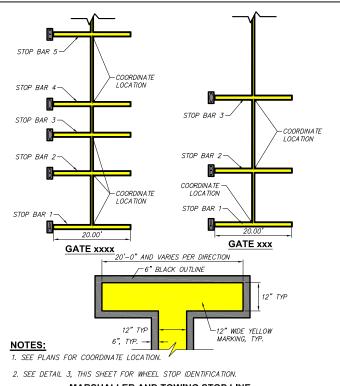


YELLOW LETTERING BLACK BACKGROUND

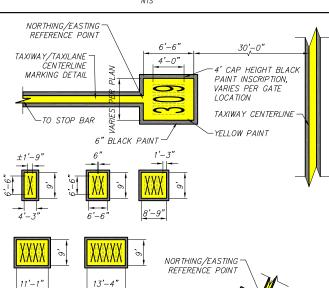
LAWA STANDARD PLANS AIRCRAFT HOLD MARKING

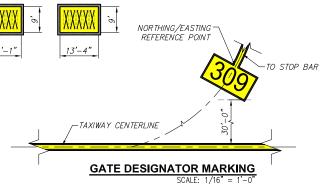
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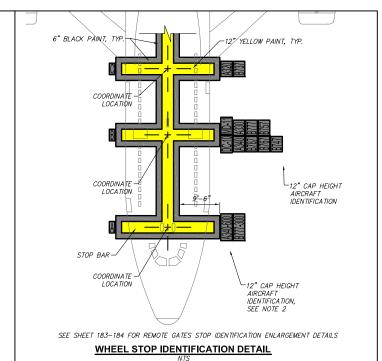


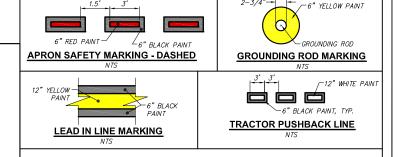


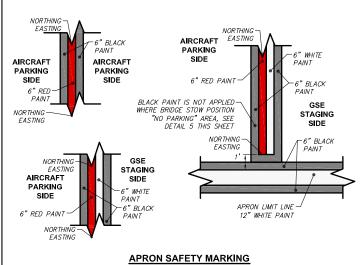
MARSHALLER AND TOWING STOP LINE











APPROVED BY:
LAWA STAFF
CHECKED BY:
ANTONE FERMELIA
DRAWN BY:
WILLIAM P. MAREK
DATE:
11-14-2014

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DESCRIPTION
DATE

LAWA STANDARD PLANS

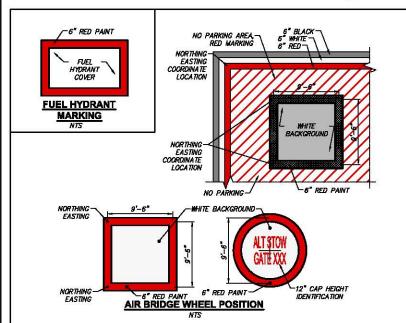
APRON GATE MARKING

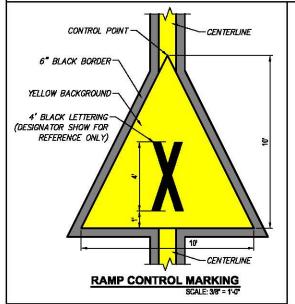
LAWA STANDARD PLAN NUMBER

50.05

SHEET: 22 OF 29







GENERAL NOTES:

- 1. REFLECTORIZED PAINT WITH GLASS BEADS SHALL BE USED FOR ALL PERMANENT PAVEMENT MARKINGS EXCEPT FOR BLACK PAINT. ALL PERMANENT MARKING SHALL USE ANTI-SKID MATERIAL (GRIT ADD).
- ALL INSCRIPTIONS FOR SIGNS AND GEOGRAPHIC POSITION MARKINGS SHALL CONFORM TO THE FEDERAL AVAITON ADMINISTRATION'S ADVISORY CIRCULAR AC-150/5340-1K, STANDARDS FOR AIRPORT MARKINGS, LATEST EDITION.
- 3. ALL PERMANENT MARKINGS SHALL HAVE A SIX-INCH (6") WIDE BLACK BORDER EXCEPT AIRCRAFT SAFETY ENVELOPE. BLACK PAINT BORDER SHALL BE PLACED AFTER PERMANENT MARKING FOR TAXIMAY/TAXILANE OR ROADWAYS. BLACK PAINT SHALL NOT BE PLACED FIRST ENDINEER WILL NOT PERMIT NEW YELLOW, WHITE OR RED PAINT TO BE PLACED ON TOP OF FRESH BLACK PAINT.
- 4. SEE PAVEMENT MARKING SHEETS FOR THE LOCATIONS AND COORDINATES OF LEAD—IN LINES.
- 5. THE CONTRACTOR SHALL REMOVE CURING MATERIALS FROM THE PCC PAVEMENT PRIOR TO APPLYING PAINT.
- Final Markings Shall Align with Existing Markings at all MATCH POINTS. OVERLAP EXISTING PAVEMENT MARKINGS 5' AT ALL MATCH POINTS.
- CONTRACTOR SHALL REINSTATE ALL PAINT MARKINGS FADED/REMOVED AS A RESULT OF CONSTRUCTION AND HAULING OPERATIONS.

APPROVED BY:
LAMA STAFF
CHECKED BY:
ANTONE FERMELIA

BRANN BY:
WILLIAM P. MAREK

DATE:
11-14-2014

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DESCRIPTION
DATE

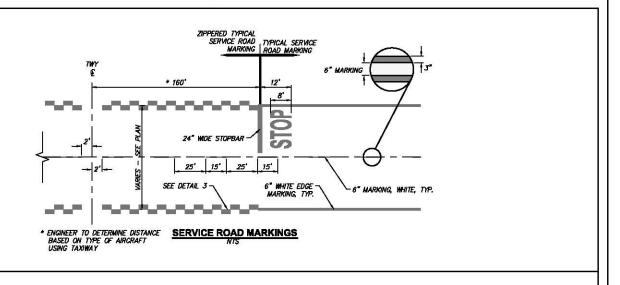
LAWA STANDARD PLANS

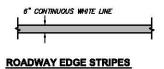
APRON SURFACE MARKING

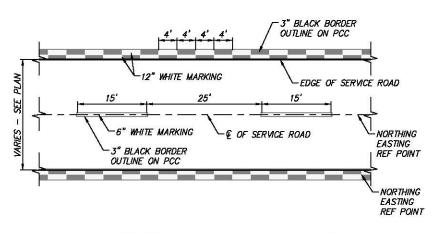
LAWA STANDARD PLAN NUMBER

50.06
SHEET: 23 OF 28









ROADWAY EDGE STRIPES - ZIPPER STYLE

APPROVED BY:
LAW STAFF
CHECKED BY:
ANTONE FERMELLA
DERAWN BY:
WILLIAM P: MAREK
DATE:
11-14-2014
HALL
BESCRIPTION
DATE

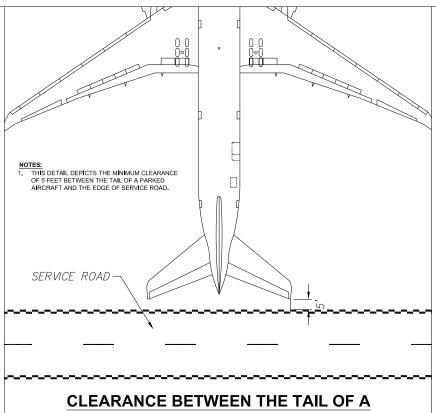
LAWA STANDARD PLANS
SERVICE ROAD MARKING

LAWA STANDARD PLAN NUMBER

50.07
SHEET: 24 OF 28







CLEARANCE BETWEEN THE TAIL OF A
PARKED AIRCRAFT TO SERVICE ROAD EDGE

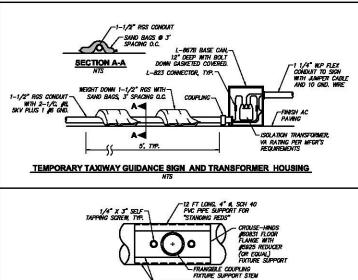
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			APPROVED BY: LAWA STAFF
			CHECKED BY: ANTONE FERMELIA
			DRAWN BY: WILLIAM P. MAREK
			DATE: 11-14-2014
REVISION NO.	DESCRIPTION	DATE	HNTR

LAWA STANDARD PLANS

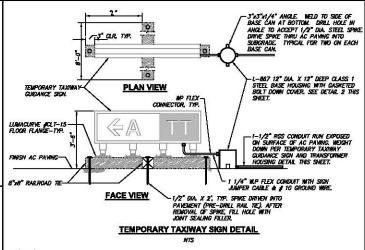
AIRCRAFT CLEARANCE

SHEET: 24 OF 29



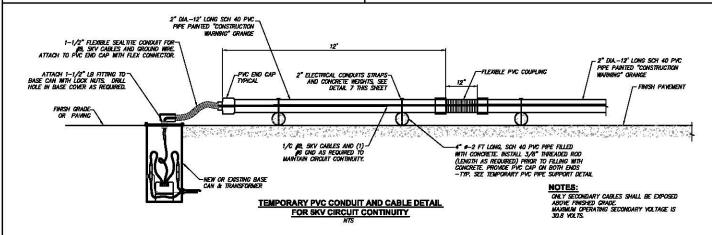
CUT OFF EXCESS SIDES OF FLOOR FLANGE, TYP. BOTH SIDES

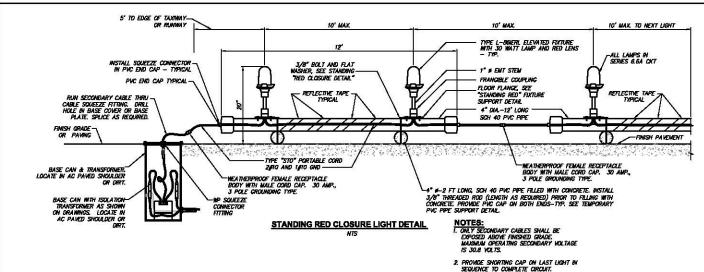
"STANDING RED" FIXTURE SUPPORT DETAIL

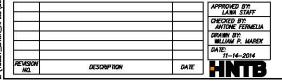


NOTES:

- ALL TEMPORARY GUIDANCE SKINS SHALL BE INSTALLED ON A TEMPORARY SUPPORT STRUCTURE, WITH NEW BASE
 HOUSING, 1—830 TRANSFORMER, NEW CABLES AND ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.
- 2. "L" DIMENSION IS BASED ON TOTAL LENGTH OF SIGN REQUIRED. MORE THAN ONE RAIL ROAD TIE MAY BE REQUIRED.
- 3. REFER TO SIGN SCHEDULE ON SHEET E402 FOR SIGN NOMENCLATURE.
- 4. AFTER CONSTRUCTION INVOLVING TEMPORARY TAXIMAY SIGNS WORK IS COMPLETED, DELIVER SIGNS, TRANSFORMERS & BASE HOUSING TO LAWA CAM.





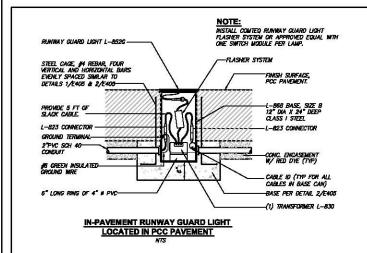


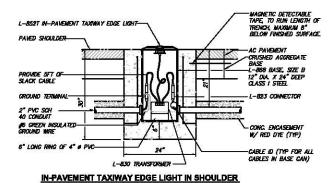
LAWA STANDARD PLANS

TEMPORARY ELECTRICAL

E20.01
SHEET: 25 OF 28

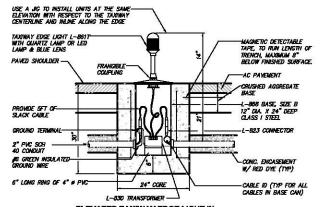






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NOTE: REFER TO FLUSH MOUNTED FUTURE INSTALLATION DETAIL, FOR TYPICAL BASE CAN INSTALLATION DETAILS, REBAR CAGE, GROWNETS, CIRCUIT ID TAGS, CONCRETE ANCHORS, ETC.

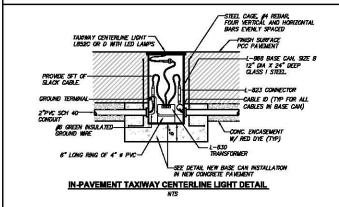


ELEVATED TAXIWAY EDGE LIGHT IN EXISTING OR PROPOSED AC SHOULDER

NOTE: NTS

1. WHERE NEW FIXTURES ARE TO BE INSTALLED IN NEW AC SHOULDER, CONTRACTOR SHALL TRENCH AND INSTALL CONDUIT AND CONGRETE ENCASCMENT PRIOR TO NEW AC PAYMENT PLACEMENT.

- 2. AFTER NEW AC PAYEMENT IS IN PLACE, CONTRACTOR SHALL CORE 24" DUAMETER BY 30" DEEP HOLE IN NEW AC PAYEMENT, HISTALL AND CONNECT NEW BASE CAN, STEEL REBAR CAGE AND CONCRETE ENCASEMENT INSURING THAT CONCRETE IS ADEQUATELY PLACED UNDER BASE CAN.
- 3. NEW BASE CAN SHALL BE SET 1/2" ABOVE FINISH AC PAVEMENT SURFACE.
- 4. CONCRETE ENCASEMENT FOR FIXTURES, EITHER IN EXISTING AC PAVEMENT OR NEW AC PAVEMENT SHALL CONTAIN BLACK DYE.



APPROVED BY:
LAWA STAFF
CHECKED BY:
ANTIONE FERMALIA

DRAWN BY:
WILLIAM P. MAFEN

DATE

REVISION
NO.

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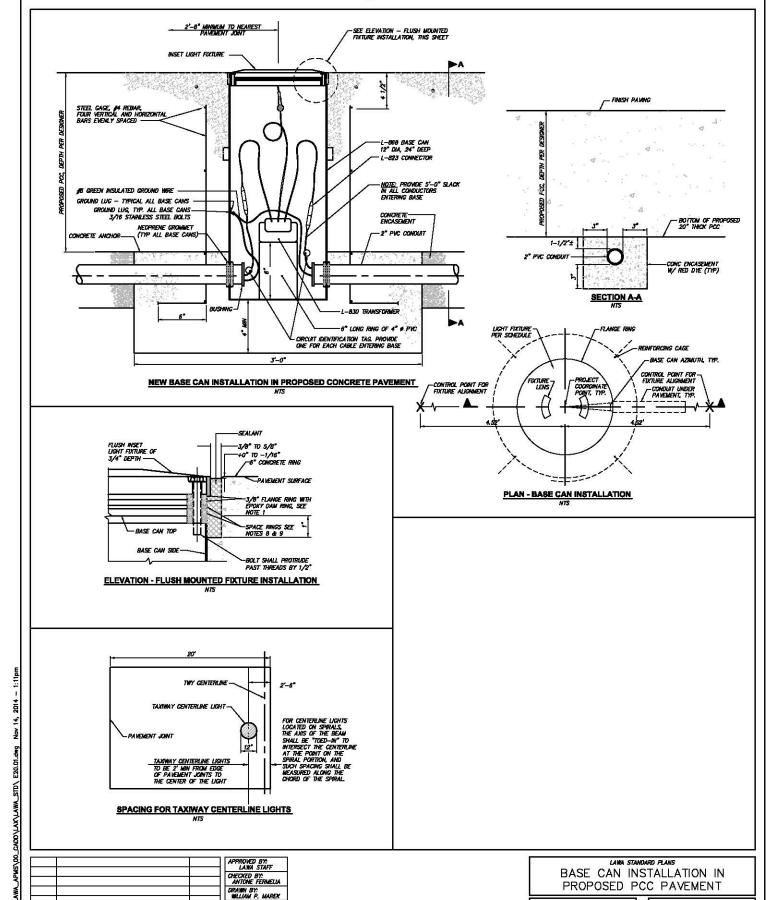
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LAWA STANDARD PLANS
BASE CAN INSTALLATION IN
PROPOSED PCC PAVEMENT

E20.02
SHEET: 26 OF 28

E20.03
SHEET: 27 OF 28





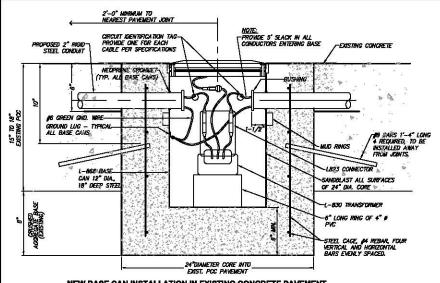
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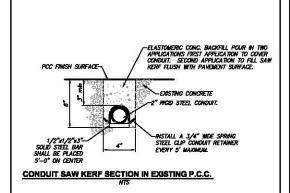
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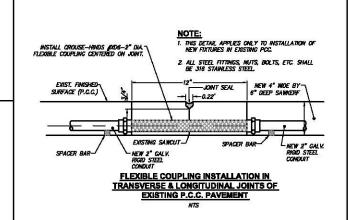




NEW BASE CAN INSTALLATION IN EXISTING CONCRETE PAVEMENT

NOTES:

- 1. FOR SAW CUT SEE DETAILS 2 AND 3, THIS SHEET.
- 2. EPOXY REBAR IN CONCRETE.
- J. STEEL CAGE SHALL BE # REBAR, FOUR (4) VERTICAL AND FOUR (4) HORIZONTAL BARS EVENLY SPACED.
- 4. USE RAPID SET, NON-SHRINK GROUT FOR CONCRETE BACKFILL.
- 5. ALL STEEL FITTINGS, NUTS, BOLTS, ETC. SHALL BE 316 STABLESS STEEL.



MEEN TO'S EQUAL TO OR LESS THAN 18":

1. SANCUT PERFEDICALAT TO PA MEMBER! EDGE
2. PROMOSE CONCRETE AS SHOWN.
3. INSTALL OF RE-PORT AS SHOWN.
4. REPLACE WITH HIGH-STRENGTH CONCRETE.

PAYMENT TO BE REMOVED
WHEN DISTANCE O'S SCUAL,
TO OR LESS THAN THAN 18"

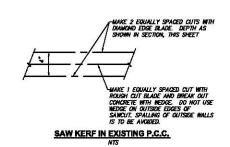
PAYMENT TO BE REMOVED
WHEN DISTANCE O'S SCUAL,
TO OR LESS THAN THAN 18"

PAYMENT TO BE REMOVED

LOCATION OF PROPOSED BASECAN
SEE NEW BASE
CAN INSTALLATION
REDISTANC CONCRETE
PAYMENT, THIS SHEET

SEE SAN ROPF
IN EXISTING CONCRETE AND
EXTEND ONLY SEE THAN THAN 18"

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APPROVED BY:
ANA STAF
CHECKED BY:
ANTONE FERMALIA
DRAWN FERMALIA
DRAWN
WILLIAM P. MAREK
DATE:
11-14-2014

DATE

LAWA STANDARD PLANS
TAXIWAY AND GUARD LIGHT
INSTALLATION DETAILS

E20.04
SHEET: 28 OF 28

REVISION

DESCRIPTION