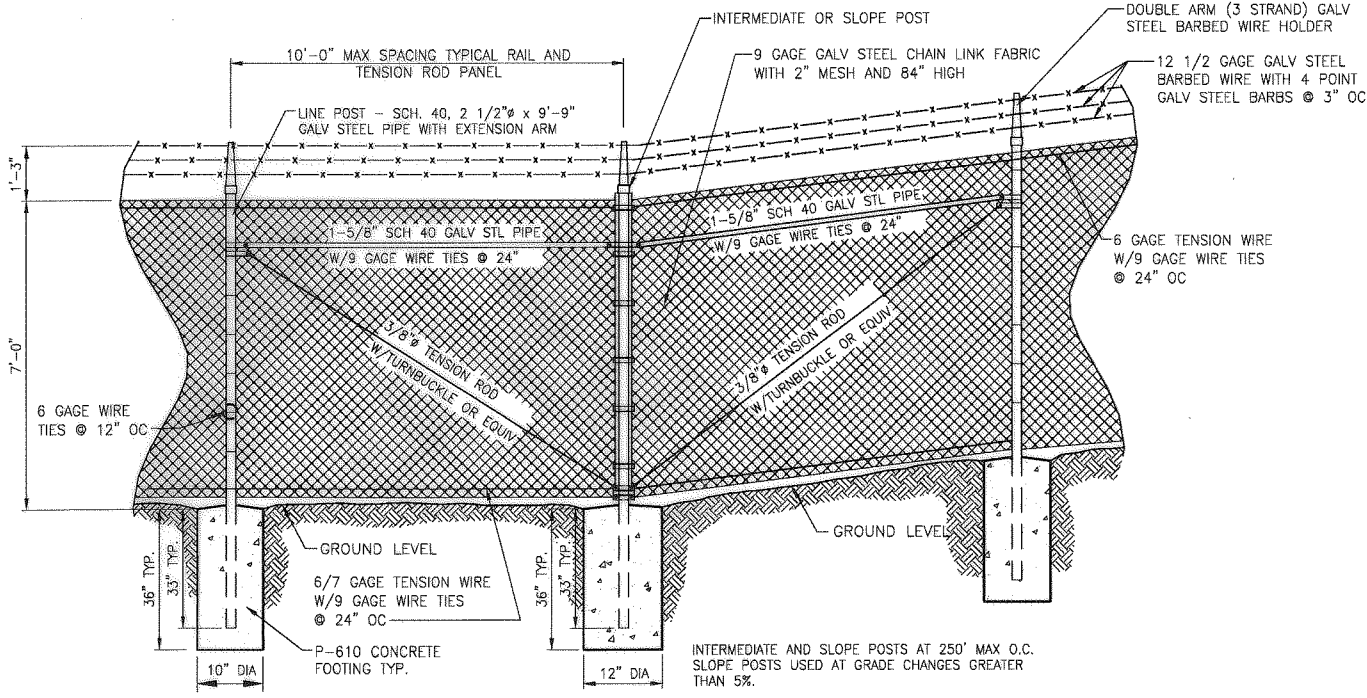


TYPICAL FENCE ELEVATION



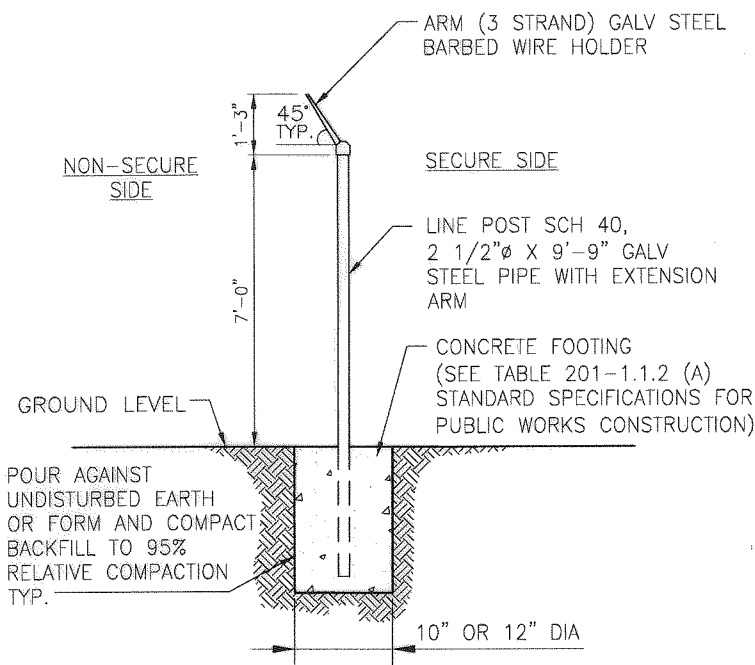
INTERMEDIATE POST DETAIL

CITY STANDARD FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
1	03/17/11	CHAIN LINK FENCE AND GATES GREATER THAN 6' HIGH AND LESS THAN 8' HIGH	124
2			
3			
4			
APPROVED BY: <i>Mal [Signature]</i>		DATE: 8/26/11	SHEET 1 OF 9
CITY ENGINEER R.E. No. 40599		EX. DATE: 03/31/13	

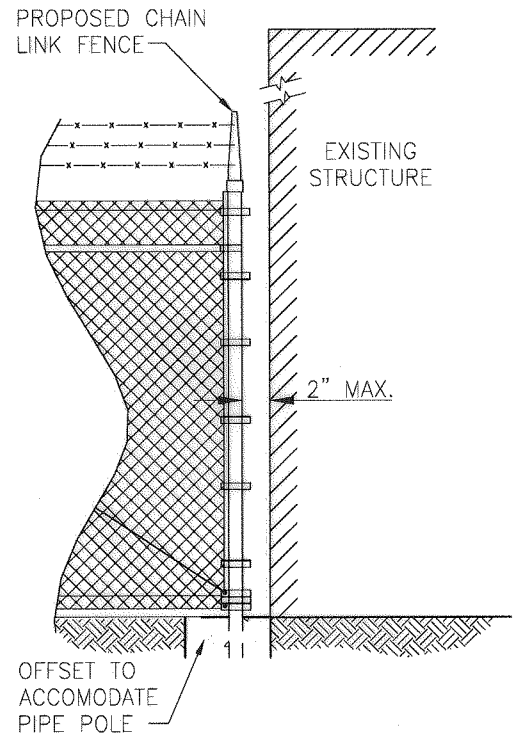
GENERAL NOTES:

1. SECURE DRIVE-FIT GALVANIZED CAP TO POST WITH 1/4" DIA. ROUND-HEAD RIVET.
2. FABRIC WIDTH AND NOMINAL FENCE HEIGHT = 7' UNLESS OTHERWISE NOTED.
3. IF FENCE WITH TOP RAIL IS SPECIFIED, DELETE STEEL TENSION WIRE AT TOP, AND PIPE RAILS AT INTERMEDIATE, SLOPE, END AND CORNER POSTS. EXTEND TENSION ROD TO TOP RAIL.
4. BARBED WIRE SHALL BE USED ONLY WHEN SPECIFIED.
5. POST SPACING IS 10' MAXIMUM.
6. FILL CLEAR OPENINGS GREATER THAN 3" WITH FABRIC. FOR OPENINGS LESS THAN 18", TIE FABRIC TO POSTS.
7. STEEL BANDS AT TENSION BARS SHALL BE 1/8" x 1" MINIMUM, SPACED AT 16" MAXIMUM.
8. CITY OF LONG BEACH BUILDING PERMIT SHALL BE OBTAINED.



NOTE:

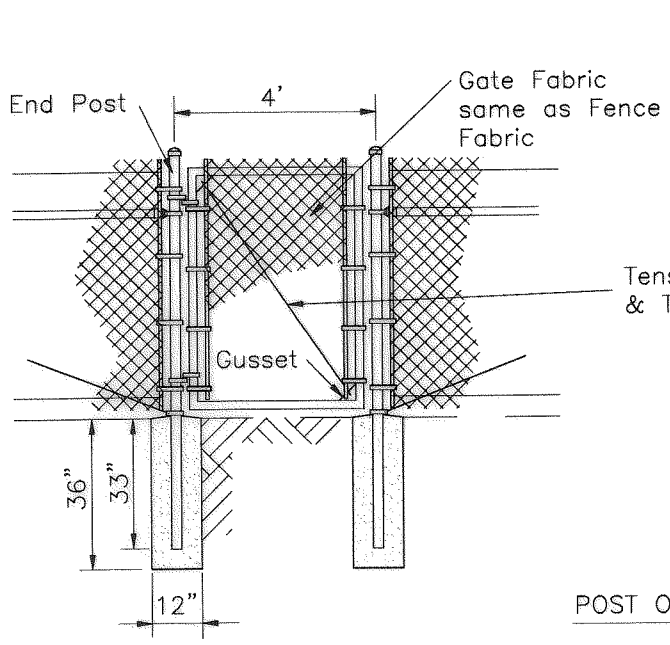
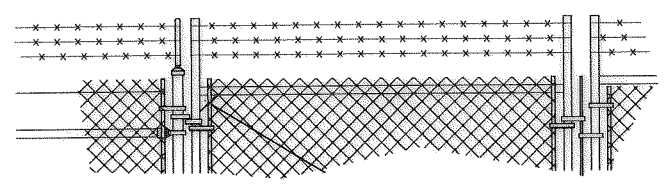
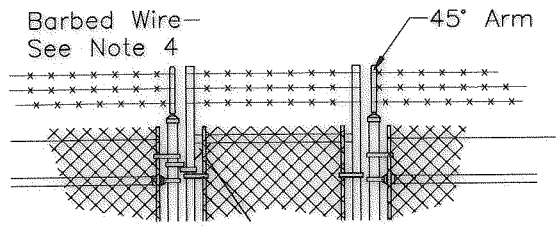
FABRIC TO BE INSERTED ON NON-SECURE SIDE OF FENCE.



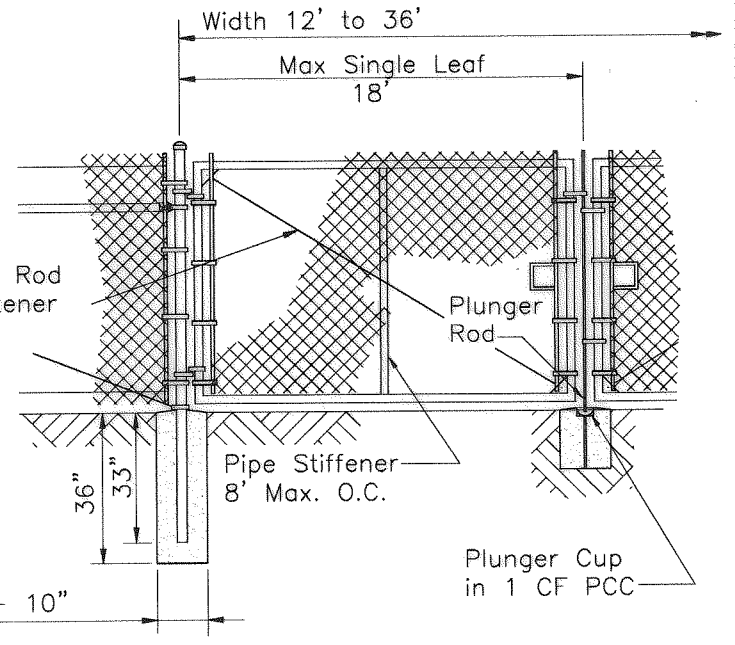
TIE INTO EXISTING WALL DETAIL

CITY STANDARD FENCE

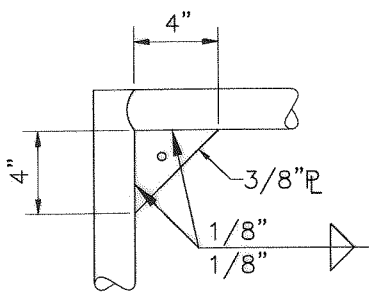
REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
1	08/04/11	CHAIN LINK FENCE AND GATES GREATER THAN 6' HIGH AND LESS THAN 8' HIGH	124
2			
3			
4			
APPROVED BY: <i>[Signature]</i>		DATE: 8/26/11	SHEET 2 OF 9
CITY ENGINEER P.E. No. 40599		EX. DATE 3/31/13	



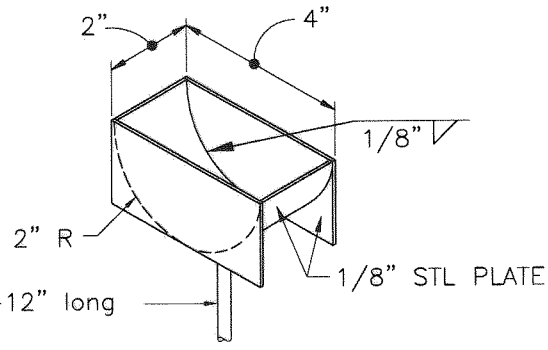
WALK GATE



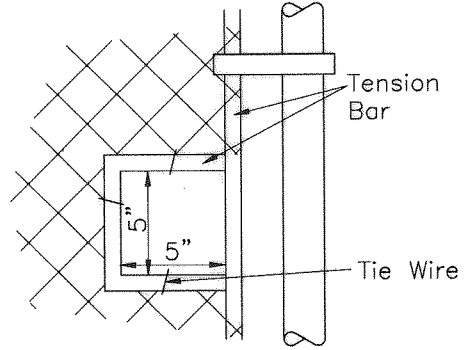
DRIVE GATE



GUSSET



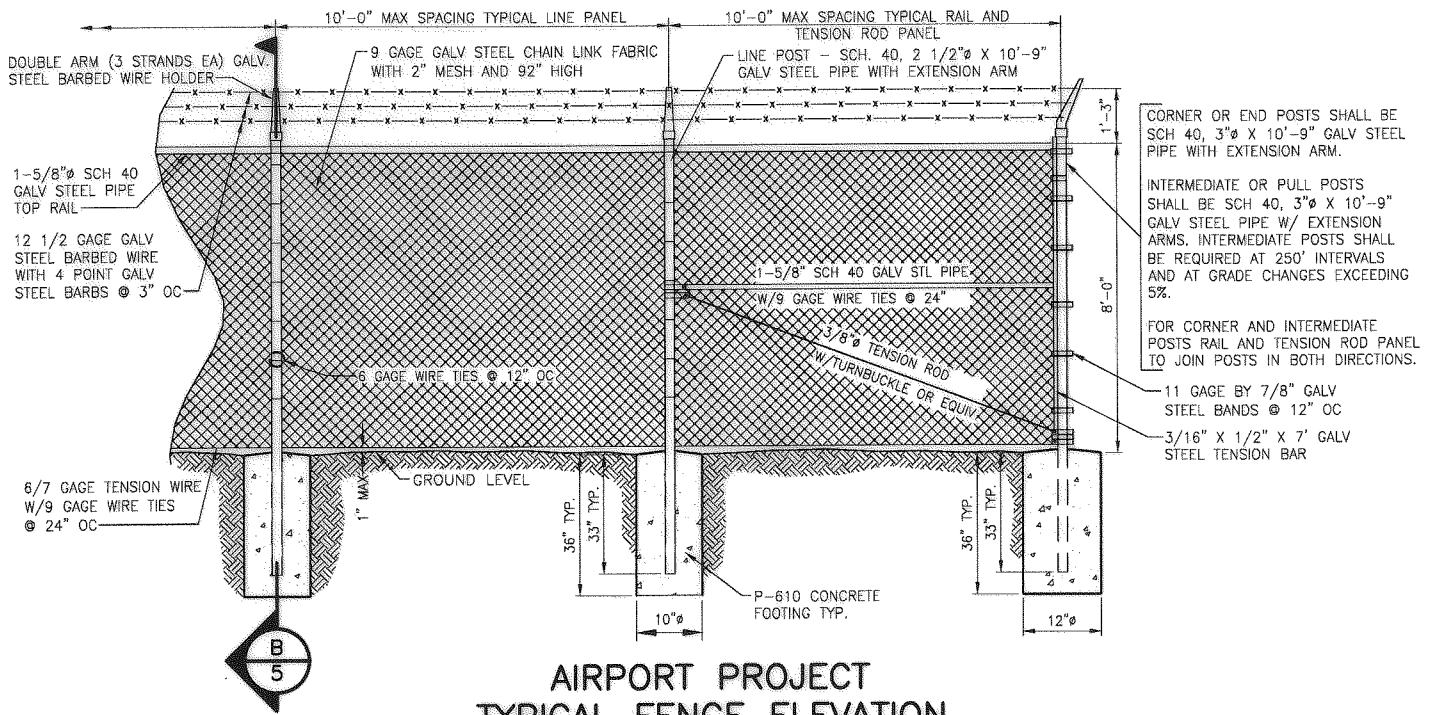
PLUNGER CUP ISOMETRIC



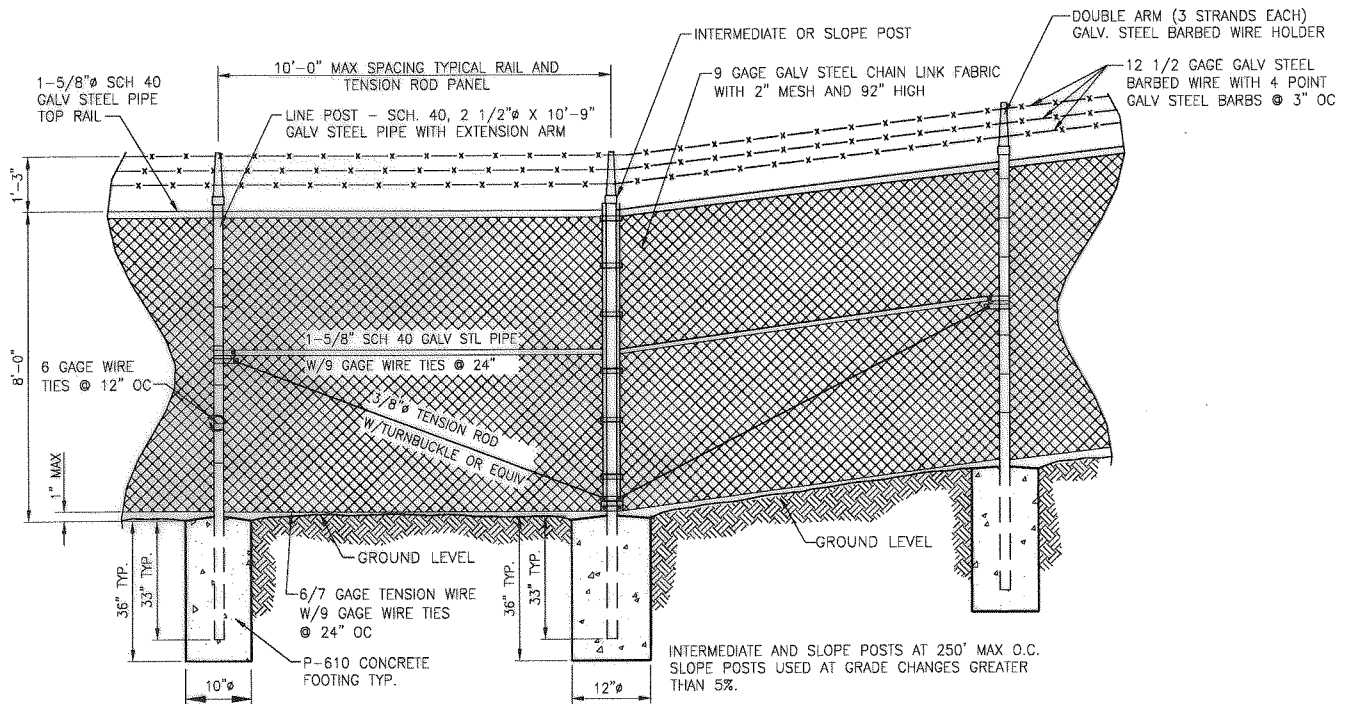
CHAIN AND LOCK CUT-OUT

CITY STANDARD FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
1	08/04/11	CHAIN LINK FENCE AND GATES GREATER THAN 6' HIGH AND LESS THAN 8' HIGH	124
2			
3			
4			
APPROVED BY: <i>[Signature]</i>		DATE: 8/26/11	SHEET
CITY ENGINEER R.E. No. 40599		EX. DATE 03/31/13	3 OF 9



**AIRPORT PROJECT
TYPICAL FENCE ELEVATION**



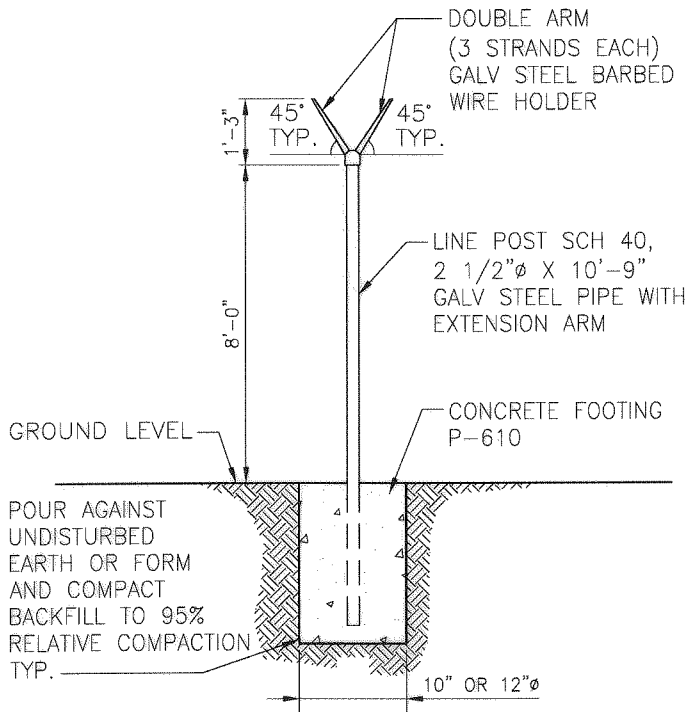
**AIRPORT PROJECT
INTERMEDIATE POST DETAIL**

AIRPORT STANDARD FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
1	08/04/11	CHAIN LINK FENCE AND GATES GREATER THAN 6' HIGH AND LESS THAN 8' HIGH	124
2			
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4			
APPROVED BY: <i>[Signature]</i>		DATE: 8/26/11	SHEET
CITY ENGINEER P.E. No. 40599		EX. DATE 03/31/13	4 OF 9

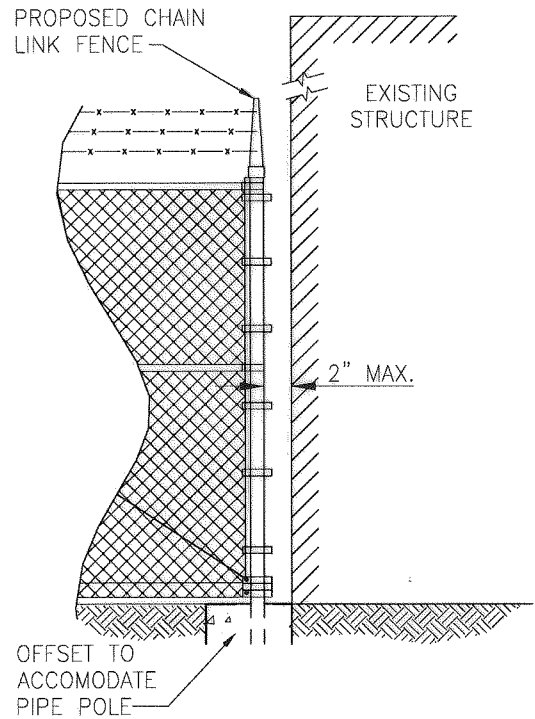
AIRPORT STANDARD FENCE GENERAL NOTES:

1. ALL SIZES AND GAUGES FOR PIPE POSTS, RODS, AND WIRES ARE OUTSIDE DIAMETERS
2. 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 CHAIN LINK FENCE MATERIAL AND FITTINGS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 206-6 UNLESS OTHERWISE SPECIFIED.
5. CONCRETE FOR CHAIN LINK FENCE POST FOOTINGS SHALL BE P-610.
ALL OTHER CONCRETE, INCLUDING SILL, BARRIER, FOOTINGS AND SLABS FOR GATES POSTS, SHALL BE P-610.
6. CITY OF LONG BEACH BUILDING PERMIT SHALL BE OBTAINED.
7. GATES SHALL BE PER PLAN DETAILS AND DETAILS ON SHEET 3 of 9 OF THIS STANDARD PLAN WITH BARBED WIRE PER AIRPORT FENCING DETAILS.



NOTE:

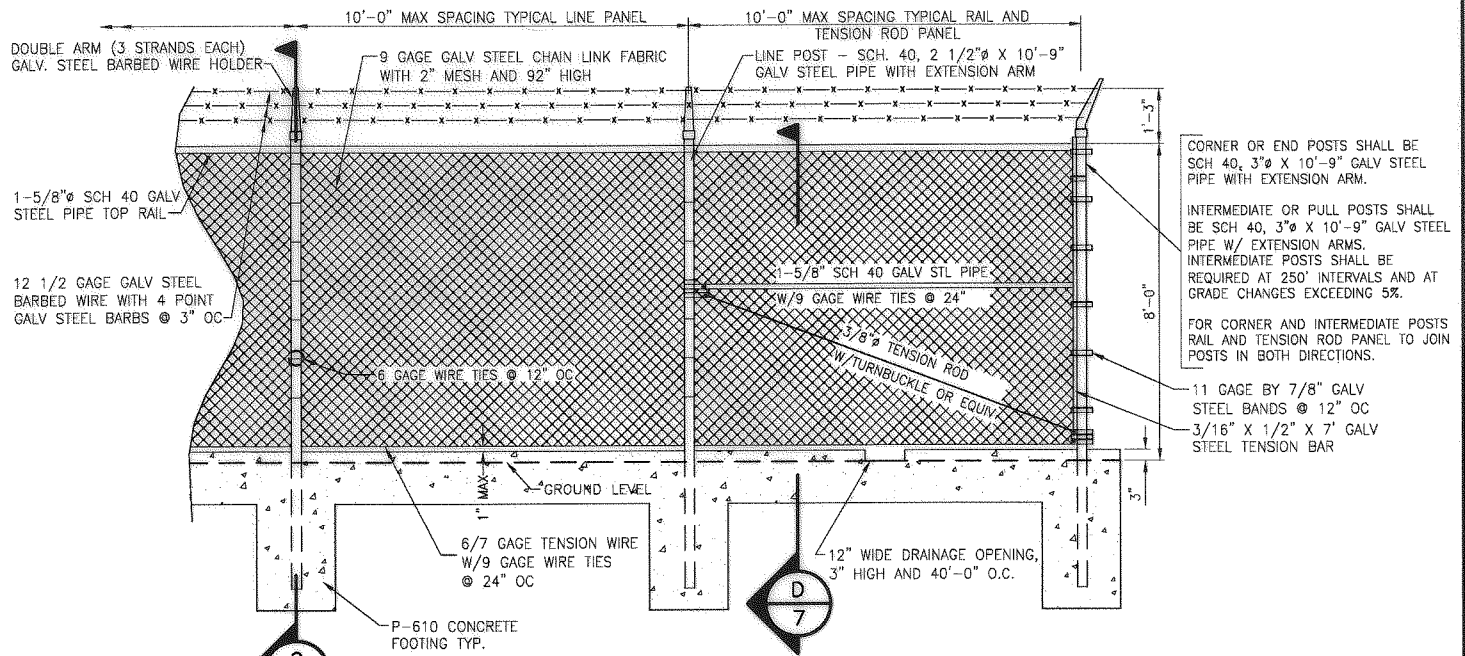
FABRIC TO BE INSERTED ON NON-SECURE SIDE OF FENCE.



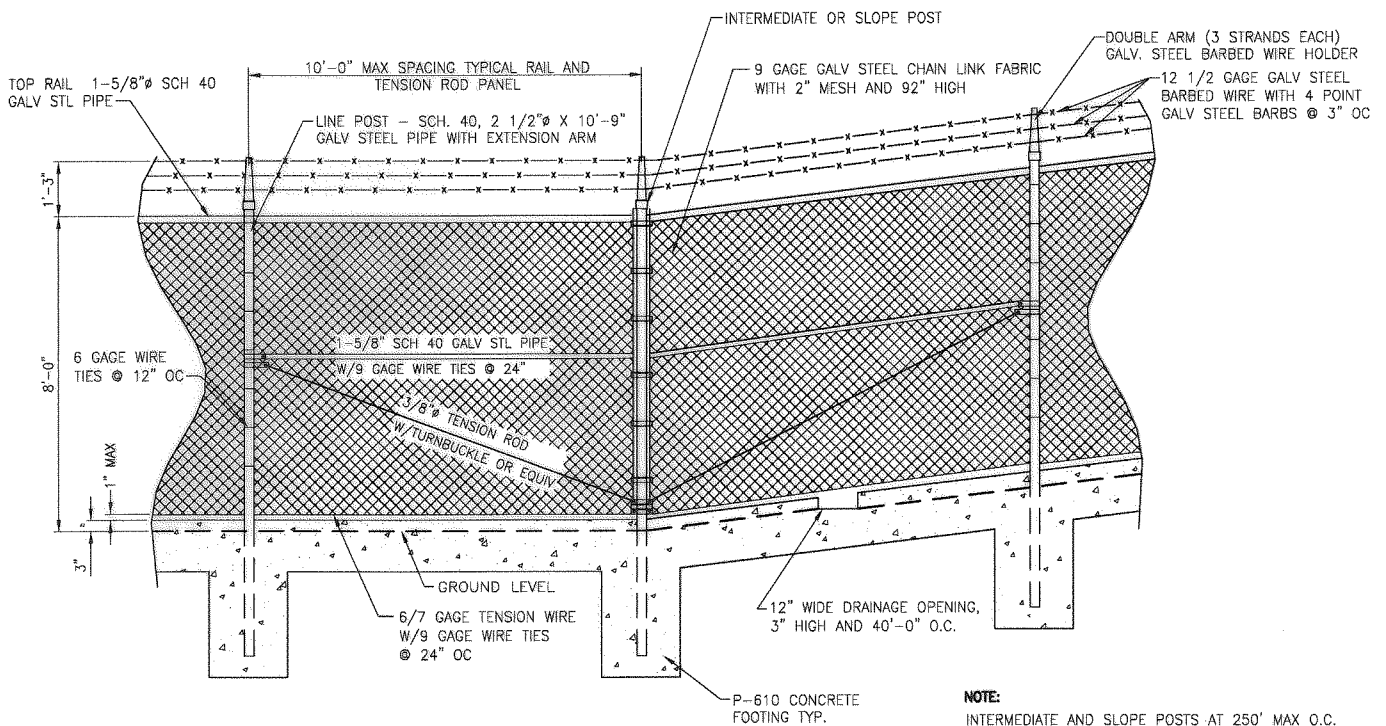
TIE INTO EXISTING WALL DETAIL

AIRPORT STANDARD FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
1	08/04/11	CHAIN LINK FENCE AND GATES GREATER THAN 6' HIGH AND LESS THAN 8' HIGH	124
2			
3			
4		APPROVED BY: <i>[Signature]</i> CITY ENGINEER R.E. No. 40599	DATE: 8/26/11 EX. DATE 03/31/13
			SHEET 5 OF 9



**AIRPORT SILL FENCE
TYPICAL FENCE ELEVATION**



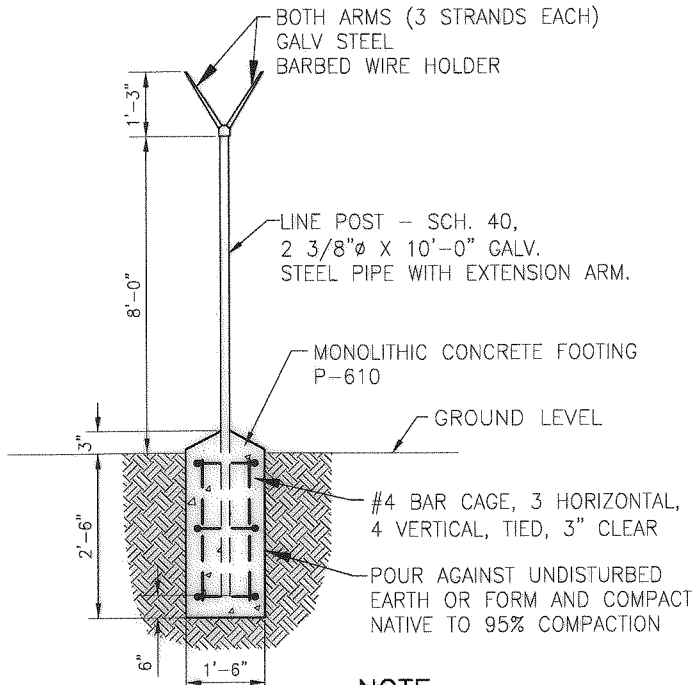
**AIRPORT SILL FENCE
INTERMEDIATE POST DETAIL**

AIRPORT SILL FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
1	08/04/11	CHAIN LINK FENCE AND GATES GREATER THAN 6' HIGH AND LESS THAN 8' HIGH	124
2			
3			
4			
APPROVED BY: <i>[Signature]</i>		DATE: 8/26/11	SHEET
CITY ENGINEER P.E. No. 40599		EX. DATE 03/31/13	6 OF 9

AIRPORT SILL FENCE GENERAL NOTES:

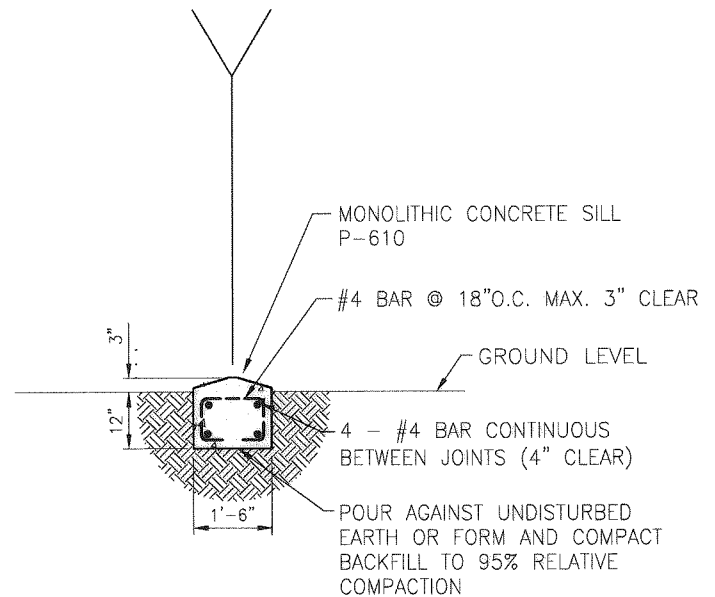
1. ALL SIZES AND GAUGES FOR PIPE POSTS, RODS, AND WIRES ARE OUTSIDE DIAMETERS
2. ALL FENCE MATERIAL AND FITTINGS SHALL BE OF HIGH GRADE DOMESTIC QUALITY STEEL, AND SHALL BEAR MARKINGS AS BEING SUCH.
3. THE CHAIN LINK FABRIC SHALL BE PLACED ON THE OUTWARD FACE OF THE POSTS, STRETCHED TAUT AND SECURELY FASTENED.
4. ALL CHAIN LINK FENCE MATERIAL AND FITTINGS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 206-6 UNLESS OTHERWISE SPECIFIED.
5. CONCRETE FOR CHAIN LINK FENCE POST FOOTINGS SHALL BE P-610.
ALL OTHER CONCRETE, INCLUDING SILL, BARRIER, FOOTINGS AND SLABS FOR GATES POSTS, SHALL BE P-610.
6. CITY OF LONG BEACH BUILDING PERMIT SHALL BE OBTAINED.
7. GATES SHALL BE PER PLAN DETAILS AND DETAILS ON SHEET 3 of 9 OF THIS STANDARD PLAN WITH BARBED WIRE PER AIRPORT FENCING DETAILS.
8. CONTRACTION JOINTS SHALL BE FORMED PER CONTRACTION JOINT DETAIL ON SHEET 9 OF 9 OF THIS STANDARD PLAN



C SECTION

NOTE:

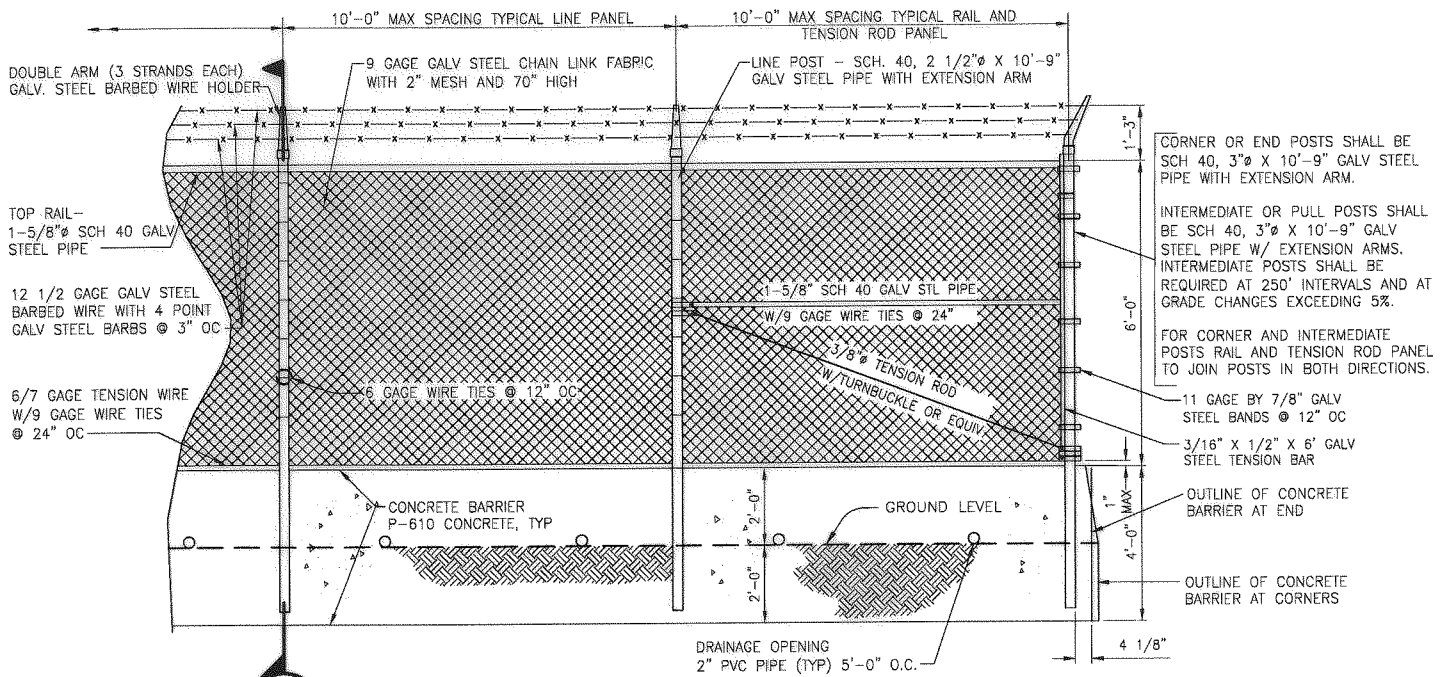
FABRIC TO BE INSERTED ON NON-SECURE SIDE OF FENCE.



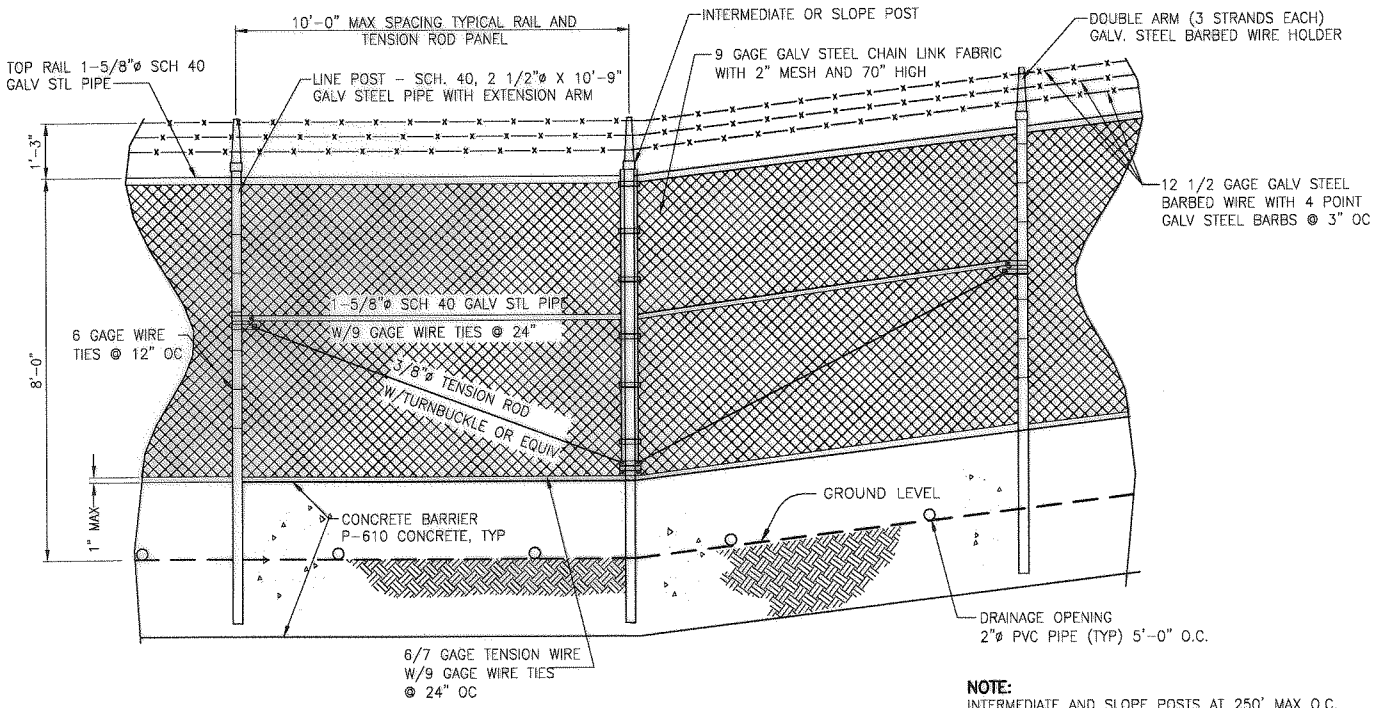
D SECTION

AIRPORT SILL FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
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APPROVED BY: <i>[Signature]</i>		DATE: 8/26/11	SHEET
CITY ENGINEER R.E. No. 40599		EX. DATE 03/31/13	7 OF 9



AIRPORT BARRIER FENCE TYPICAL FENCE ELEVATION



NOTE:
INTERMEDIATE AND SLOPE POSTS AT 250' MAX O.C.
SLOPE POSTS USED AT GRADE CHANGES GREATER THAN 5%.

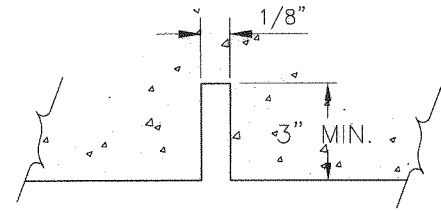
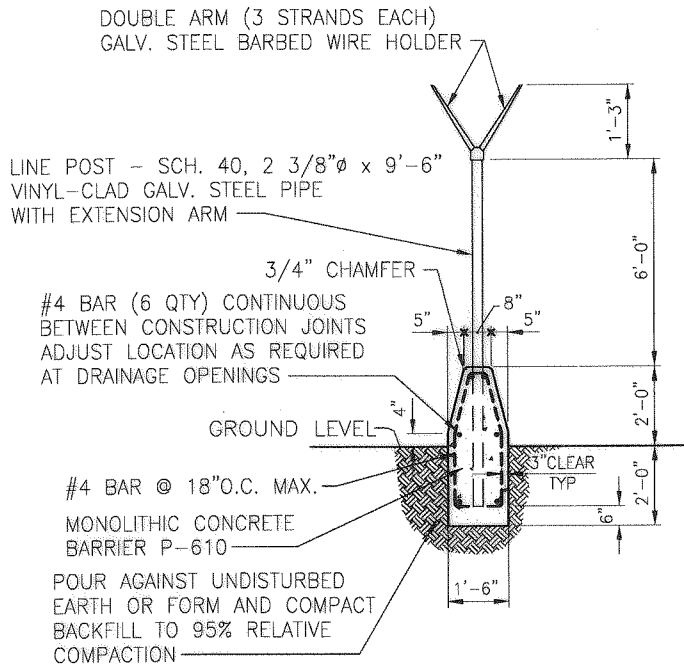
AIRPORT BARRIER FENCE INTERMEDIATE POST DETAIL

AIRPORT BARRIER FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
NO.	DATE		
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4			
APPROVED BY: <i>[Signature]</i>		DATE: 8/26/11	SHEET 8 OF 9
CITY ENGINEER P.E. No. 40599		EX. DATE 03/31/13	

AIRPORT BARRIER FENCE GENERAL NOTES:

1. ALL SIZES AND GAUGES FOR PIPE POSTS, RODS, AND WIRES ARE OUTSIDE DIAMETERS
2. 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 CHAIN LINK FENCE MATERIAL AND FITTINGS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 206-6 UNLESS OTHERWISE SPECIFIED.
5. CONCRETE FOR CHAIN LINK FENCE POST FOOTINGS SHALL BE P-610.
ALL OTHER CONCRETE, INCLUDING SILL, BARRIER, FOOTINGS AND SLABS FOR GATES POSTS, SHALL BE P-610.
6. CITY OF LONG BEACH BUILDING PERMIT SHALL BE OBTAINED.
7. GATES SHALL BE PER PLAN DETAILS AND DETAILS ON SHEET 3 OF 9 OF THIS STANDARD PLAN WITH BARBED WIRE PER AIRPORT FENCING DETAILS.
8. CONTRACTION JOINTS SHALL BE FORMED PER CONTRACTION JOINT DETAIL ON SHEET 9 OF 9 OF THIS STANDARD PLAN



CONTRACTION JOINT DETAIL

1. CONTRACTOR SHALL INSTALL CONTRACTION JOINTS IN CONCRETE SILL AND BARRIER FENCES.
2. CONTRACTION JOINT SHALL BE PROVIDED AT 20' INTERVALS. JOINT MAY BE FORMED WITH 1/8" HARDBOARD RETAINED IN JOINT AND CUT BACK TO FACE OF CONCRETE. JOINT MAY BE FORMED WITH WASTEABLE OR REMOVABLE MATERIAL.
3. CONTRACTOR MAY SUBMIT ALTERNATIVE JOINT DETAILS FOR ENGINEERS APPROVAL.

NOTE:

FABRIC TO BE INSERTED ON NON-SECURE SIDE OF FENCE.



AIRPORT BARRIER FENCE

REVISIONS		CITY OF LONG BEACH, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	STANDARD PLAN NO.
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2			
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APPROVED BY: <i>[Signature]</i>		DATE: 8/26/11	SHEET
CITY ENGINEER R.L. No. 40599		EX. DATE 03/31/13	9 OF 9