

1

2

3

4

5

6

PER PLAN

6"

PER PLAN

CONCRETE PAVEMENT
(fc'=4000 PSI @ 28 DAYS)

24" LAP

2.00% MAX

2.00% MAX

SLOT DRAIN PER DETAIL 2 ON THIS SHEET

24" SUBGRADE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY

6" MIN

6" MIN

POOL GUTTER PER AQUATIC DRAWINGS

#4 @ 12" O.C. EACH DIRECTION

FINISH SURFACE PER GRADING

6"

6"

NOTES:

1. FOR CONSTRUCTION JOINTS, EXPANSION JOINTS, AND FINISH SURFACE REQUIREMENTS, REFER TO AQUATICS DRAWINGS.

2. CONCRETE, fc'=4000 psi @ 28 DAYS. REBARS, fy=60,000 psi ASTM A615.

3. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHES.

	CONCRETE PAVEMENT	CAB
LOCATION	THICKNESS "A"	THICKNESS "B"
POOL DECK	6"	6"

1

2

3

4

5

6

1

2

3

4

5

6

POOL DECK CONCRETE DETAIL

SCALE: NOT TO SCALE

LOCATION

CONCRETE PAVEMENT

CAB

THICKNESS "A"

THICKNESS "B"

PEDESTRIAN WALKWAY

5"

5"

SPLASH PAD

6"

6"

HEAVY TRAFFIC

8"

8"

#4 @ 18" O.C.

FINISH SURFACE PER GRADING

CONCRETE PAVEMENT
(fc'=3500 PSI @ 28 DAYS NON TRAFFIC)
(fc'=4000 PSI @ 28 DAYS TRAFFIC)

24" SUBGRADE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY

CRUSHED AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION

2" CLR

THICKENED EDGE

A+6"

A+6"

A

A

B

B

NOTES:

1. FOR CONSTRUCTION JOINTS, EXPANSION JOINTS, AND FINISH SURFACE REQUIREMENTS, REFER TO DETAIL 4 ON THIS SHEET AND ARCHITECTURAL DRAWINGS.

2. CONCRETE, fc'=3,500 psi @ 28 DAYS. REBARS, fy=60,000 psi ASTM A615 FOR NONTRAFFIC AREAS. fc'=4,000 psi @ 28 DAYS. REBARS, fy=60,000 psi ASTM A615 FOR TRAFFIC AREAS.

3. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHES.

4. THESE CONDITIONS ARE FOR ON-SITE IMPROVEMENTS ONLY.

3

CONCRETE PAVEMENT DETAIL

SCALE: NOT TO SCALE

7

8

9

10

11

12

13

14

15

16

1/4" SLOT, SAW CUT STRAIGHT

P.O.T.

12"x12" N.D.S. #1230b 12" SQ BRASS GRATE. ADA COMPLIANT AND VANDAL RESISTANT. ORIENTATION OF CATCH BASIN AND GRATE PER PLAN.

12" SQ.

2"

2"

B

B

PLAN

ADA REQUIREMENT:

WHEN CATCH BASIN IS IN PATH OF TRAVEL, PROVIDE GRATE WITH 1/4" MAXIMUM SPACING IN DIRECTION OF TRAVEL BOTH WAYS.

NOTES:

1. SEE AQUATIC DRAWINGS FOR REMAINING INSTRUCTION AND DETAIL.

12"x12" NDS # 1225 CATCH BASIN

6" PVC DRAIN PIPE, SEE PLAN FOR INVERT

CONCRETE PER DETAIL 2 ON THIS SHEET. REBAR PER AQUATIC DRAWINGS.

6" MIN

6" MIN

6"

6"

SECTION A-A

1/4" SLOT, WITH 1/4" MAX RADIUS

CONCRETE DECK SLOPE TO SLOT DRAIN AT 0.50% MIN./2% MAX. REFER TO PLAN FOR GRADES

6" PVC SCH. 40 W/ 2"x 1/4" S.S. SCREWS INSTALLED ON OPPOSITE SIDES OF SLOT AT 12" O.C. SCREWS SHALL NOT PENETRATE INTERIOR EDGE OF 6" P.V.C. PIPE BY MORE THAN 1/8"

CONCRETE PER DETAIL 2 ON THIS SHEET. REBAR PER AQUATIC DRAWINGS.

6" MIN

6" MIN

6"

6"

SECTION B-B

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

POOL DECK SLOT DRAIN DETAIL

SCALE: NOT TO SCALE

A: SAWCUT JOINT

DEPTH = 1/3 SLAB THICKNESS

1/8"

1

2

C: COLD JOINT

1

7

3

E: SAWCUT/EXPANSION COMBO

1

7

2

4

1-1/2"

1/8"

B: TOOLED JOINT

DEPTH = 1/3 SLAB THICKNESS

1/8"

1

3

D: EXPANSION JOINT

1

7

3

4

1/2" MAX

F: EXPANSION JOINT

WALL

4

1

NOTES:

1. PAVING FINISH SURFACE.

2. SAWCUT.

3. 1/4" R. @ EDGES. TYP.

4. PREMOLDED E.J. FILLER.

5. JOINT SEALANT. COLOR TO BE SELECTED BY ARCHITECT. SUBMIT COLOR SAMPLES PRIOR TO INSTALLATION. PROVIDE SILICA SAND FOR ANTI-SLIP.

6. BACKER ROD.

7. 18" #4 REBAR W/ 'SPEED DOWEL' @ 36" OC, CENTER IN CONC. AT COLD JOINTS & E.J.'S

8. CONTROL JOINTS 10 O.C MAX.

9. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF CONTROL JOINT AND EXPANSION JOIN LAYOUT.

10. SEE AQUATIC DRAWINGS FOR POOL DECK JOINT DETAILS.

3

JOINT AND TRANSITION DETAILS

SCALE: NOT TO SCALE

NEW CONSTRUCTION/
PAVEMENT

EXIST AC
PAVEMENT

1'-0"

REMOVE EXISTING AC AND REPLACE WITH NEW AC PAVEMENT

TACK COAT FULL DEPTH

EDGE NEATLY SAWCUT

NEW BASE COURSE

EXISTING BASE COURSE

NEW BASE

EXIST BASE

NEW PCC PAVEMENT

EXIST PCC PAVEMENT

JOIN

EDGE NEATLY SAWCUT PROVIDE 1/2" EJ

NEW BASE

EXIST BASE

NEW AC PAVEMENT

EXIST PCC PAVEMENT

TACK COAT FULL DEPTH

NEW BASE COURSE

EXISTING BASE COURSE

NEW BASE

EXIST BASE

VERTICAL CONTROL:

HORIZONTAL CONTROL:

WORK ORDER NO. #E170517

PLAN FILE NO. #308

DRAWING NO. C500

SHEET 11 OF 19

PLOTTED 09/18/2019 1:00:00 PM

REVISION DATES
(DESIGN DATE ONLY)

A
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BUREAU OF ENGINEERING

ENGINEERING

CITY OF LOS ANGELES

NO.

REVISION DESCRIPTION

DATE

BY

INDEX NO.

BUILDING NO.

RP-300118

REGISTERED PROFESSIONAL ENGINEER

NO. C36079

Exp. 6/30/20

CIVIL

STATE OF CALIFORNIA

CITY ENGINEER

DATE:

ARCHITECTURAL DIVISION

ARCHITECT/ENGINEER: VIRGILIO AONAN LIC NO.: C36079

DESIGNED BY: VIRGILIO AONAN

DRAWN BY: AUTUMN WAGGONER

CHECKED BY: VIRGILIO AONAN

APPROVED BY: VIRGILIO AONAN

CITY OF LOS ANGELES

PROJECT TITLE: MISCELLANEOUS DETAILS

PROJECT: GRANADA HILLS POOL AND BATHHOUSE REPLACEMENT PROJECT

ADDRESS: 16730 CHATSWORTH STREET GRANADA HILLS, CA 91344

BID SET

PROJECT ISSUE DATE: 08/22/21

WORK ORDER NO. #E170517

PLAN FILE NO. #308

DRAWING NO. C500

SHEET 11 OF 19

PLOTTED 09/18/2019 1:00:00 PM

NCA ENGINEERS, INC.

10115 Canfield Avenue, Suite 110, Azusa, CA 91701

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