

CAMPUS VERNON KILPATRICK - REPLACEMENT PROJECT

CDP UPDATED SET
427 SOUTH ENCINAL CANYON ROAD
MALIBU, CA 90265
06.03.2015



DLR Group
 Architecture Engineering Planning Interiors

3130 Wilshire Boulevard, Sixth Floor
 Santa Monica, California 90403
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Public Agency Submittal:
 Issued for Bidding:
 Issued for Construction:

Revisions:

**50% CONSTRUCTION
 SUBMITTAL**
 06/03/2015

CAMPUS KILPATRICK REPLACEMENT PROJECT

427 South Encinal Canyon Road
 Malibu, CA 90265



Los Angeles County
 Department of Public Works
 900 S. Fremont Ave.
 Alhambra, California 91803

DLR Project No 75-15221-00

COVER SHEET

Issued Date: 05/29/2015
 Drawn By: ACW/LCC
 Checked By: POGW

GO.00

Sheet No

PROJECT INFORMATION

VACINITY MAP



SCOPE OF WORK

The proposed Camp Kilpatrick Replacement Project consists of demolition of all existing structures and the construction of a new Camp Kilpatrick Juvenile Center planned and designed to create a non-institutional, non-threatening environment within a secure perimeter that reflects the philosophy of the evolving Los Angeles County Model for youth corrections. This model which is based on the "Missouri Model" which provides for a small, safe, community oriented and youth focused programming and operations environment. The overarching goal is to, provide spatial variety, ease of supervision, encourage staff/resident interaction, provide physical and visual connections to the outdoors and accommodate interaction with the community. The design of the complex is comprised of several components that make up the campus design:

HOUSING BUILDINGS (COTTAGES) – Five (5) 24-bed residential type housing units (cottages). The cottages are split into two (2) 12-bed units. Each 12-bed unit has core support consistant of dayrooms, restrooms, laundry, janitorial and meeting space(s).

SUPPORT BUILDING(S) – The primary support building consists of several components therein: Administration, Classrooms, Staff Services, Public Lobby, Control Center Medical Facilities, Food Service Kitchen and the Culinary Arts Classroom, Gymnasium, Educational Courtyard, Small Storage and Warehouse.

PROJECT TEAM

CLIENT/ OWNER
 COUNTY OF LOS ANGELES
 DEPARTMENT OF PUBLIC WORKS
 ARCHITECTURAL ENGINEERING DIVISION
 900 SOUTH FREMONT AVENUE
 ALHAMBRA, CA 91803
 PHONE: (626) 458-2500

STRUCTURAL ENGINEER
 KPFF
 6080 CENTRE DRIVE SUITE 700
 LOS ANGELES, CA 90045
 PHONE: (310) 665-1536

GEOTECHNICAL ENGINEERING
 NINYO & MOORE
 475 GODDARD, SUITE 200
 IRVINE, CA 92618
 PHONE: (949) 753- 7071

ENVIRONMENTAL CONSULTANT
 BonTerra Psomas
 225 S. Lake Avenue, Suite 1000
 Pasadena, CA 91101
 PHONE: (626) 351-2000

ARCHITECT
 DLR GROUP
 3130 WILSHIRE BLVD. 6TH FLOOR
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ELECTRICAL ENGINEER
 P2S ENGINEERING
 5000 EAST SPRING ST. 8TH FLR.
 LONG BEACH, CA 90815
 PHONE: (562) 497-2990

FOOD SERVICE CONSULTANT
 ESSEN DESIGN, LLC
 7306 FIG LANE
 CHARLOTTE, NC 28215
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CIVIL ENGINEER
 KPFF
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PLUMBING
 P2S ENGINEERING
 5000 EAST SPRING ST. 8TH FLR.
 LONG BEACH, CA 90815
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LANDSCAPE CONSULTANT
 LYNN CAPOUYA INC.
 17992 MICHELL SOUTH SUITE 110
 IRVINE, CA 92614
 PHONE: (949) 756-0150

SECURITY SYSTEMS
 NEXT GENERATION SECURITY
 3249 BLACKWOOD PLACE
 COLORADO SPRINGS, CO 80920
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MECHANICAL ENGINEER
 P2S ENGINEERING
 5000 EAST SPRING ST. 8TH FLR.
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GENERAL CONTRACTOR
 BERNARDS
 555 FIRST STREET
 SAN FERNANDO, CA 91340
 PHONE: (818) 898-1521

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LEGEND NOTES

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-  H1
-  H2
-  H3



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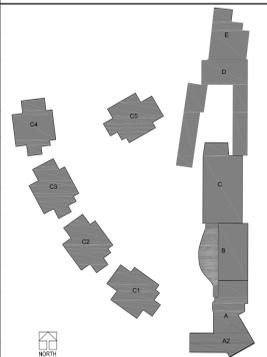
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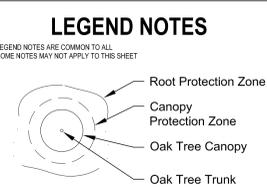
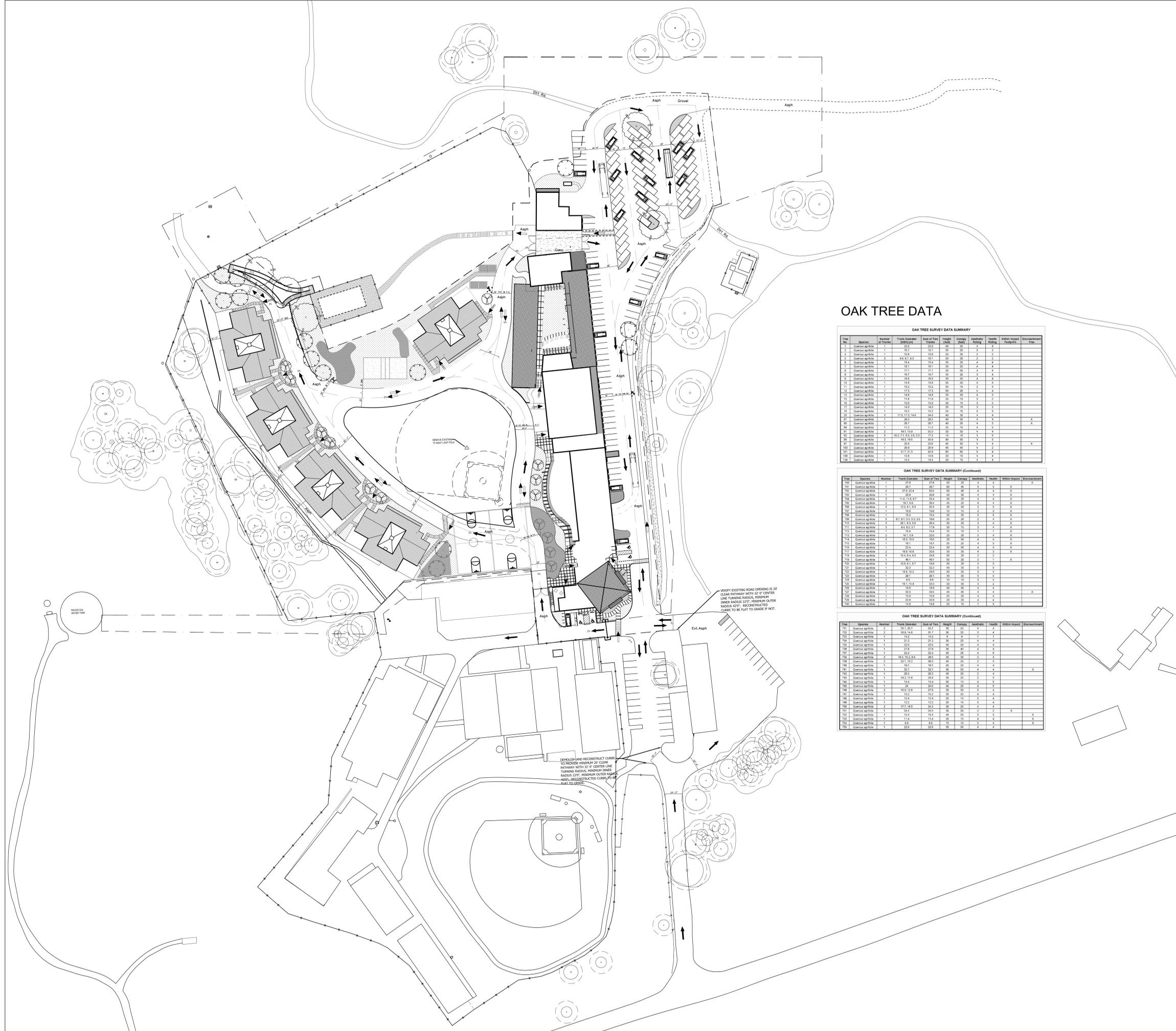
SITE PLAN- ESHA ANALYSIS

SCALE 1" = 30'
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KEY PLAN





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OAK TREE DATA

OAK TREE SURVEY DATA SUMMARY

ID#	Species	Number	Trunk Diameter (DBH)	Soil of Tree	Height (feet)	Canopy (feet)	Assessment Rating	Health	Within Impact	Encroachment
1	Quercus agrifolia	1	22.0	22.0	25	30	4	4		
2	Quercus agrifolia	1	15.0	15.0	30	30	3	2		
4	Quercus agrifolia	1	19.0	19.0	25	30	2	2		
5	Quercus agrifolia	3	8.4, 8.1, 8.3	18.1	30	30	2	2		
6	Quercus agrifolia	1	18.0	18.0	30	30	4	4		
7	Quercus agrifolia	1	18.1	18.1	30	30	4	4		
8	Quercus agrifolia	1	17.1	17.1	30	30	4	4		
9	Quercus agrifolia	1	16.0	16.0	30	30	3	4		
10	Quercus agrifolia	1	18.0	18.0	30	30	4	4		
11	Quercus agrifolia	1	19.0	19.0	30	30	3	3		
12	Quercus agrifolia	1	19.0	19.0	30	30	4	4		
13	Quercus agrifolia	1	14.0	14.0	25	30	4	4		
14	Quercus agrifolia	1	14.0	14.0	25	30	4	4		
15	Quercus agrifolia	1	14.0	14.0	25	30	3	2		
16	Quercus agrifolia	1	12.0	12.0	25	30	4	4		
17	Quercus agrifolia	1	14.0	14.0	25	30	3	3		
18	Quercus agrifolia	1	12.0	12.0	25	30	3	3		
19	Quercus agrifolia	3	17.5, 17.3, 14.8	34.0	40	30	4	4		
20	Quercus agrifolia	1	20.0	20.0	40	30	4	4		X
21	Quercus agrifolia	1	20.0	20.0	40	30	4	4		X
22	Quercus agrifolia	1	11.0	11.0	25	30	4	4		X
23	Quercus agrifolia	2	14.1, 13.9	30.0	30	30	4	4		
24	Quercus agrifolia	3	10.2, 9.5, 9.2, 9.0	17.0	15	15	3	3		
25	Quercus agrifolia	2	18.0, 18.5	35.0	40	30	3	3		
26	Quercus agrifolia	1	20.0	20.0	40	30	4	4		X
27	Quercus agrifolia	1	20.0	20.0	40	30	4	4		
28	Quercus agrifolia	1	20.0	20.0	40	30	4	4		
29	Quercus agrifolia	2	17.0, 17.0	42.0	30	30	4	4		
30	Quercus agrifolia	1	12.0	12.0	25	30	4	4		
31	Quercus agrifolia	1	14.0	14.0	25	30	4	4		

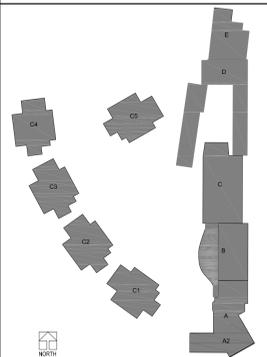
OAK TREE SURVEY DATA SUMMARY (continued)

ID#	Species	Number	Trunk Diameter (DBH)	Soil of Tree	Height (feet)	Canopy (feet)	Assessment Rating	Health	Within Impact	Encroachment
101	Quercus agrifolia	4	27.0	27.0	60	40	4	4		X
102	Quercus agrifolia	3	27.0, 30.4	60.0	60	40	4	4		X
103	Quercus agrifolia	1	20.0	20.0	40	30	4	4		X
104	Quercus agrifolia	3	11.8, 11.8, 6.7	23.4	30	30	3	4		X
105	Quercus agrifolia	1	10.0	10.0	25	30	4	4		X
106	Quercus agrifolia	3	12.2, 8.1, 8.3	20.3	25	30	2	3		X
107	Quercus agrifolia	1	18.0	18.0	30	30	3	3		X
108	Quercus agrifolia	1	18.0	18.0	30	30	3	3		X
109	Quercus agrifolia	3	8.7, 8.5, 8.3, 8.5	18.0	25	30	3	4		X
110	Quercus agrifolia	3	20.1, 2.0, 5.0	28.4	30	30	2	4		X
111	Quercus agrifolia	1	14.0	14.0	25	30	3	3		X
112	Quercus agrifolia	1	12.0	12.0	25	30	3	3		X
113	Quercus agrifolia	1	12.0	12.0	25	30	3	3		X
114	Quercus agrifolia	2	18.0, 18.0	35.0	40	30	4	4		X
115	Quercus agrifolia	1	18.0	18.0	30	30	4	4		X
116	Quercus agrifolia	1	22.0	22.0	30	30	4	3		X
117	Quercus agrifolia	1	18.0, 18.0	35.0	40	30	4	3		X
118	Quercus agrifolia	3	18.4, 8.4, 8.3	24.8	30	30	2	3		X
119	Quercus agrifolia	1	40.0	40.0	60	30	3	3		X
120	Quercus agrifolia	3	18.8, 8.1, 8.7	18.0	30	30	3	3		X
121	Quercus agrifolia	1	20.0	20.0	40	30	3	4		X
122	Quercus agrifolia	2	18.0, 10.2	24.0	30	30	3	4		X
123	Quercus agrifolia	1	20.0	20.0	40	30	3	4		X
124	Quercus agrifolia	1	8.0	8.0	10	10	3	4		X
125	Quercus agrifolia	2	18.0, 18.4	35.0	30	30	3	4		X
126	Quercus agrifolia	1	18.0	18.0	30	30	4	4		X
127	Quercus agrifolia	1	20.0	20.0	40	30	4	4		X
128	Quercus agrifolia	1	12.0	12.0	25	30	4	4		X
129	Quercus agrifolia	1	12.0	12.0	25	30	4	4		X

OAK TREE SURVEY DATA SUMMARY (continued)

ID#	Species	Number	Trunk Diameter (DBH)	Soil of Tree	Height (feet)	Canopy (feet)	Assessment Rating	Health	Within Impact	Encroachment
231	Quercus agrifolia	2	13.1, 20.1	30.0	30	30	4	4		
232	Quercus agrifolia	2	18.0, 14.0	31.0	30	30	3	4		
233	Quercus agrifolia	1	14.0	14.0	25	30	4	4		
234	Quercus agrifolia	1	27.0	27.0	40	30	4	4		
235	Quercus agrifolia	1	27.0	27.0	40	30	4	4		
236	Quercus agrifolia	1	27.0	27.0	40	30	4	4		
237	Quercus agrifolia	1	22.0	22.0	40	30	4	4		
238	Quercus agrifolia	1	18.0	18.0	30	30	4	4		
239	Quercus agrifolia	2	20.1, 10.0, 8.4	29.0	30	30	4	4		
240	Quercus agrifolia	1	18.0	18.0	30	30	2	3		
241	Quercus agrifolia	1	32.0	32.0	50	30	4	4		X
242	Quercus agrifolia	1	20.0	20.0	40	30	3	4		X
243	Quercus agrifolia	1	14.0, 11.6	29.0	30	30	3	3		X
244	Quercus agrifolia	1	18.0	18.0	30	30	3	4		X
245	Quercus agrifolia	1	24.0	24.0	40	30	4	4		X
246	Quercus agrifolia	2	18.0, 12.0	27.0	30	30	3	4		X
247	Quercus agrifolia	1	12.0	12.0	25	30	4	4		X
248	Quercus agrifolia	1	12.0	12.0	25	30	4	4		X
249	Quercus agrifolia	1	12.0	12.0	25	30	4	4		X
250	Quercus agrifolia	2	17.7, 18.5	34.0	40	30	3	3		X
251	Quercus agrifolia	1	24.0	24.0	40	30	3	3		X
252	Quercus agrifolia	1	18.0	18.0	30	30	3	3		X
253	Quercus agrifolia	1	11.0	11.0	25	30	4	4		X
254	Quercus agrifolia	1	8.0	8.0	10	10	3	4		X
255	Quercus agrifolia	1	22.0	22.0	30	30	4	4		X

KEY PLAN



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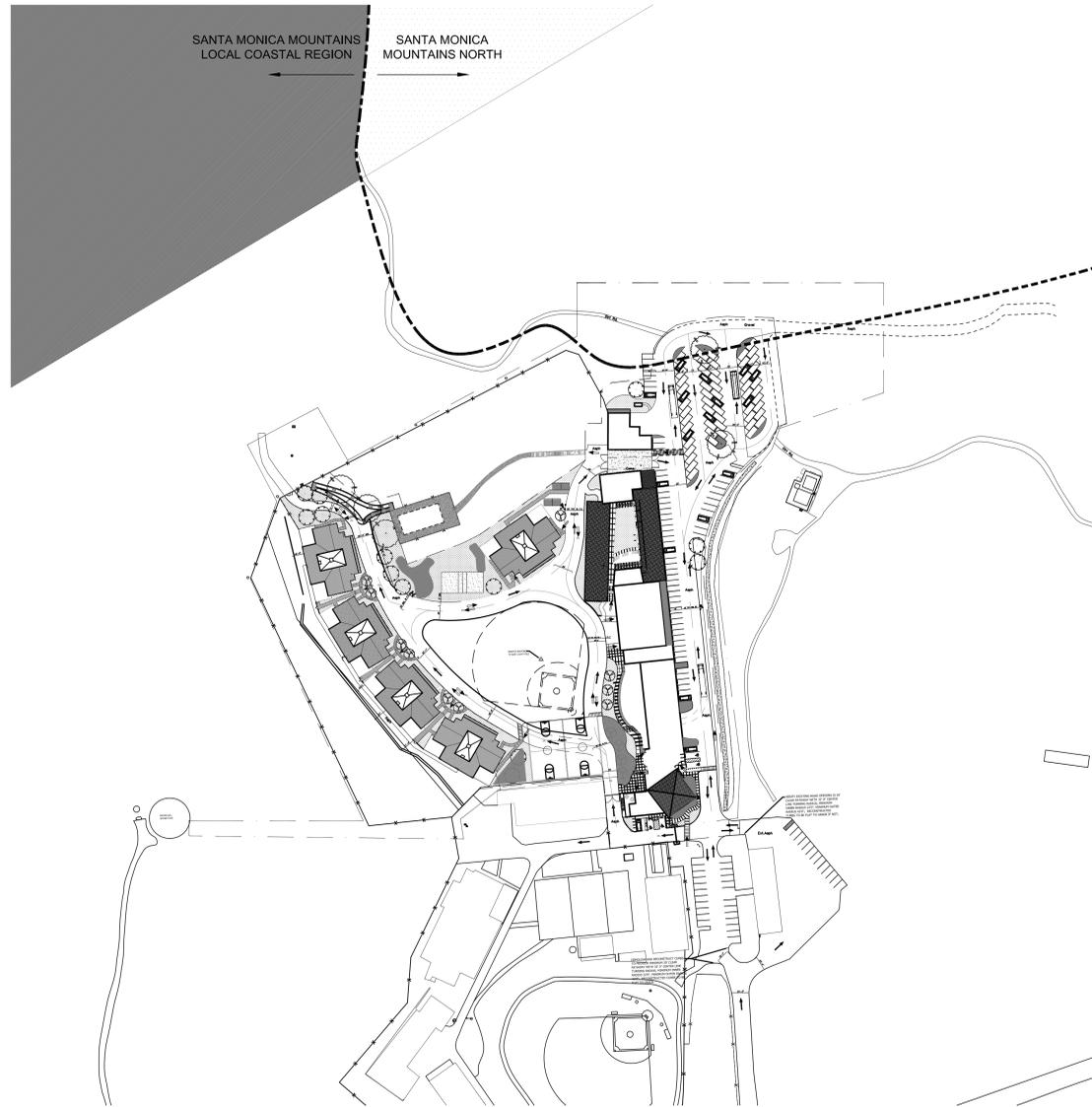
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DLR Project No 75-15221-00

SITE PLAN- OAK TREE IMPACT BOUNDRIES

SCALE 1" = 50'
Issued Date: 06.03.2015
Drawn By: AC/WL/CC
Checked By: PO/GW

AS1.02
Sheet No



LAND USE AREA PLAN

ZONING AREA PLAN

-  RL20
-  N5
-  P

-  A-1-5
-  O-S
-  A-1-1

LEGEND NOTES
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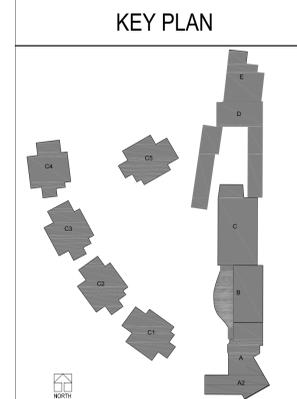
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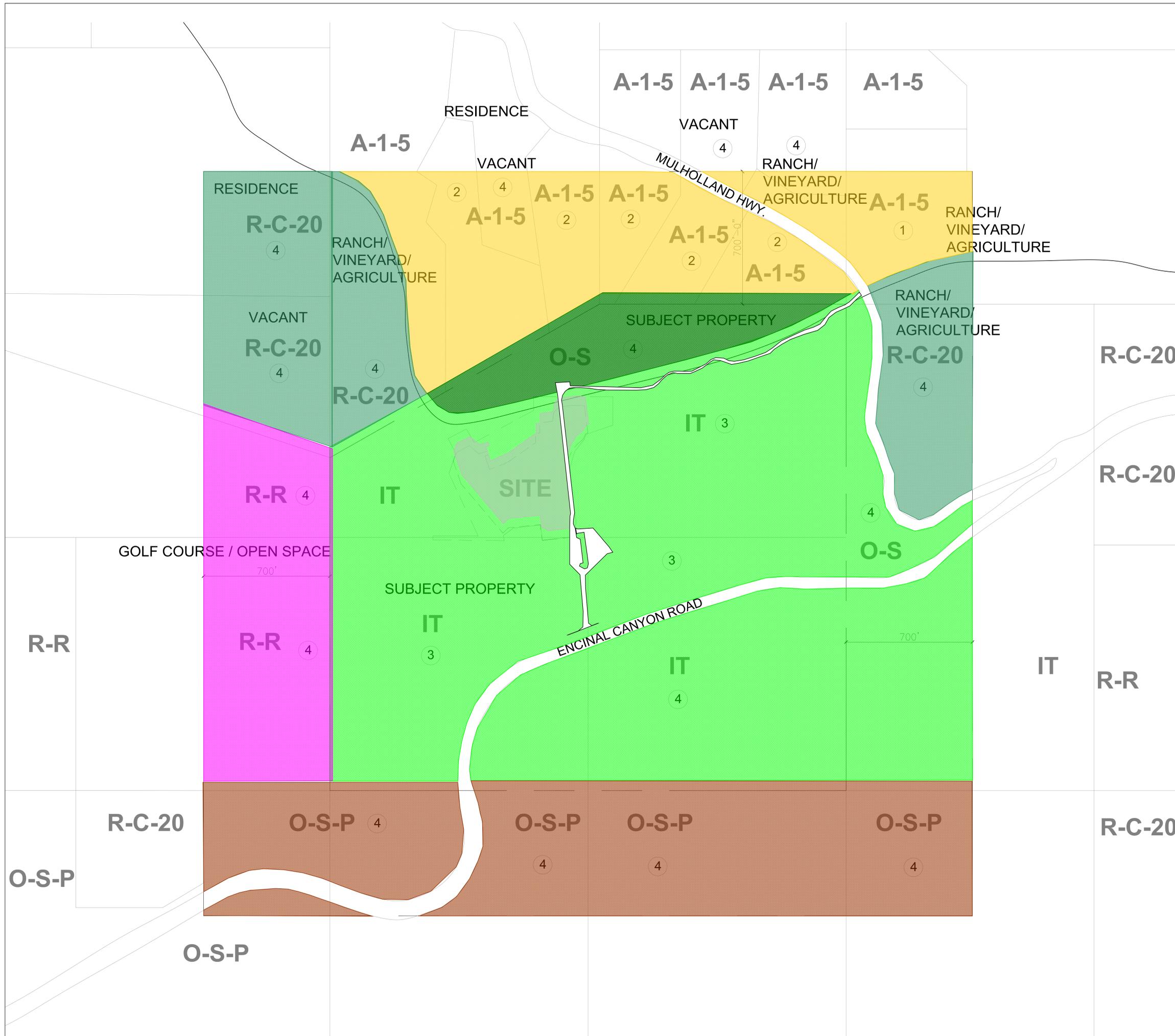
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**SITE PLAN
 ZONING AND LAND USE**

SCALE 1" = 100'
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AS1.03
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LAND USE AREA PLAN

- O-S
OPEN SPACE
- R-C-20
RURAL - COASTAL
- A-1-5
AGRICULTURE
- I-T
INSTITUTIONAL
- R-R
RESORT/ REC.
- O-S-P
OPEN SPACE / PARKS

- 1 RANCH/ VINEYARD/ AGRICULTURE
- 2 RESIDENCE
- 3 PUBLIC FACILITY SUBJECT PROPERTY
- 4 VACANT/ OPEN SITE
- 5 GOLF COURSE / OPEN SPACE




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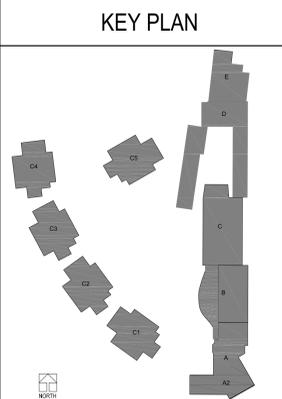
**SITE PLAN:
 700' RADIUS LAND USE**

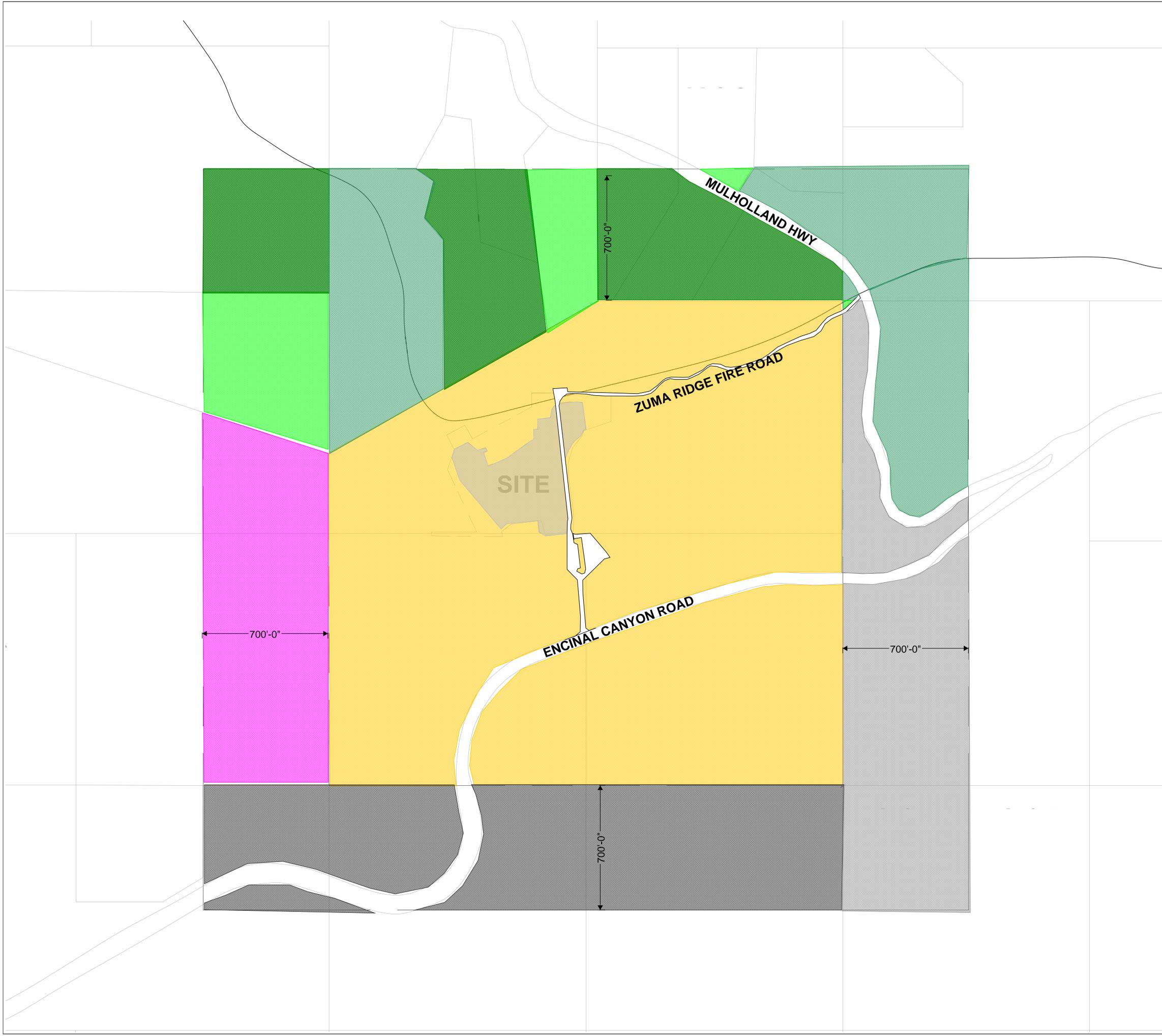
SCALE 1" = 200'

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LAND USE AREA PLAN

- RANCH/
VINYARD/
AGRICULTURE
- RESIDENCE
- PUBLIC FACILITY
- SUBJECT PROPERTY
- VACANT
- GOLF COURSE
- OPEN SPACE - LA COUNTY
- OPEN SPACE - US GOVT

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**SITE PLAN:
 700' RADIUS LAND USE**

SCALE 1" = 200'

Issued Date: 06.03.2015
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 Checked By: PO/GW

AS1.3B

Sheet No



LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET
 1. FIRE LANE SIGNAGE WILL BE PROVIDED IN ACCORDANCE WITH THE COUNTY OF LOS ANGELES FIRE DEPARTMENT.

- 20' FIRE LANE WITH ADJACENT 6' ACCESSIBLE WALKWAY. TOTAL 26' WIDE PAVED ASPHALT CONCRETE CAPABLE OF SUPPORTING 15,000LB VEHICLE.
- PAVED 6' WIDE FIRE ACCESS



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 1 06.01.2015 - FIRE ACCESS

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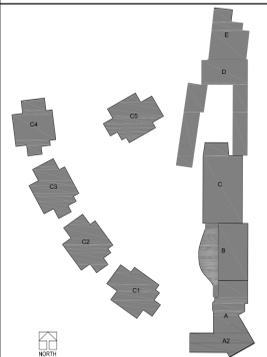
DLR Project No 75-15221-00

SITE VICINITY PLAN

SCALE 1" = 50'
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 Checked By: PO/GW

AS1.04
 Sheet No

KEY PLAN





LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

1. FIRE LANE STORAGE WILL BE PROVIDED IN ACCORDANCE WITH THE COUNTY OF LOS ANGELES FIRE DEPARTMENT.

- 20' FIRE LANE WITH ADJACENT 6' ACCESSIBLE WALKWAY. TOTAL 26' WIDE PAVED ASPHALT CONCRETE CAPABLE OF SUPPORTING 15,000LB VEHICLE.
- PAVED 6' WIDE FIRE ACCESS



3130 Wilshire Boulevard, Sixth Floor
 Santa Monica, California 90403
 T 310.828.0040
 F 310.453.9432
 dlrgroup.com

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Public Agency Submittal:
 Issued for Bidding:
 Issued for Construction:

Revisions:

50% CONSTRUCTION
 SUBMITTAL
 06/03/2015

**CAMPUS
 KILPATRICK
 REPLACEMENT
 PROJECT**

427 South Encinal Canyon Road
 Malibu, CA 90265



Los Angeles County
 Department of Public Works
 900 S. Fremont Ave.
 Alhambra, California 91803

DLR Project No 75-15221-00

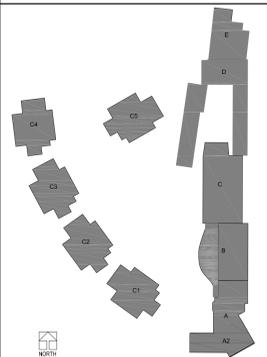
SITE VACINITY PLAN

SCALE 1" = 50'
 Issued Date: 06.03.2015
 Drawn By: AC/WL/CC
 Checked By: PO/GW

AS1.04

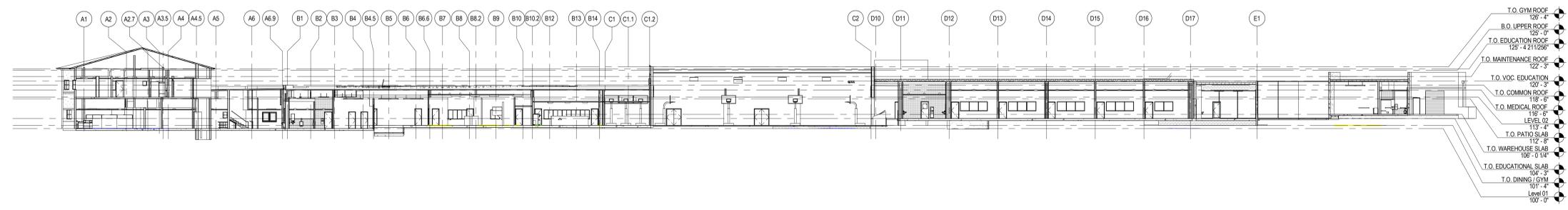
Sheet No

KEY PLAN

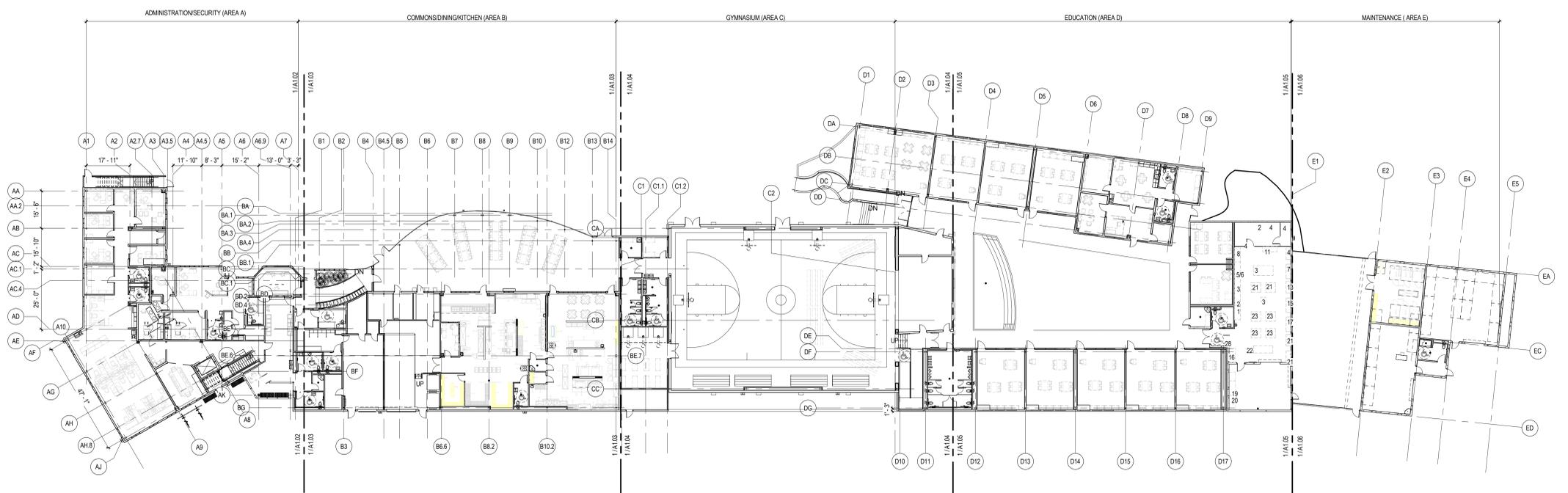


LEGEND NOTES
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2 LONITUDINAL SECTION (REFERENCE)
 A1.00 SCALE: 3/64" = 1'-0"



1 SUPPORT- OVERALL FLOOR PLAN (REFERENCE)
 A1.00 SCALE: 3/64" = 1'-0"

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Revisions:

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 SUBMITTAL
 06/03/2015

**CAMPUS KILPATRICK
 REPLACEMENT
 PROJECT**

427 South Encinal Canyon Road
 Malibu, CA 90265



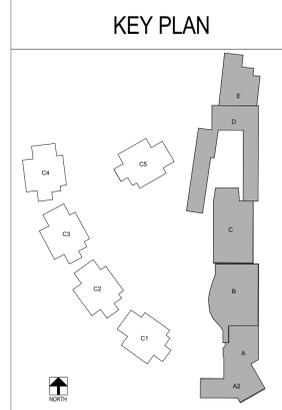
Los Angeles County
 Department of Public Works
 900 S. Fremont Ave.
 Alhambra, California 91803

DLR Project No 75-15221-00

**SUPPORT BUILDING
 OVERALL FLOOR PLAN &
 SECTION**

Issued Date: 05/29/2015
 Drawn By: ACW/LCC
 Checked By: P/GW

A1.00
 Sheet No

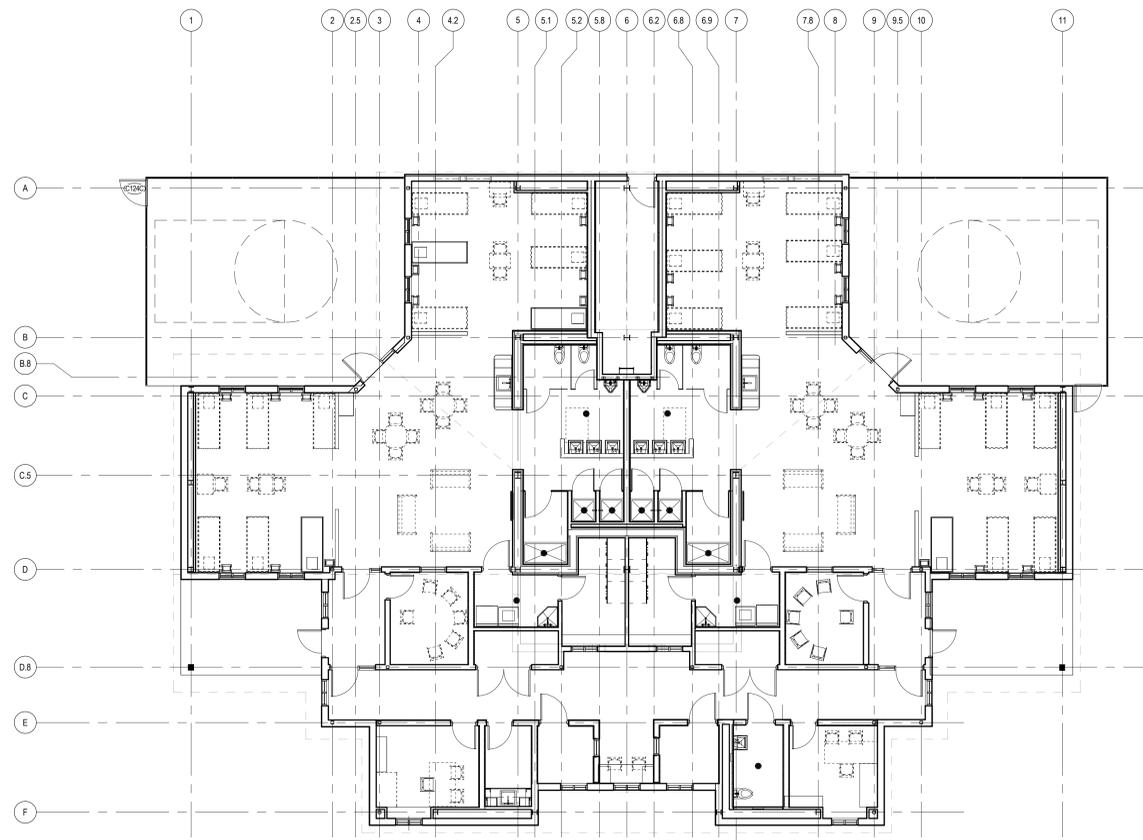


LEGEND NOTES

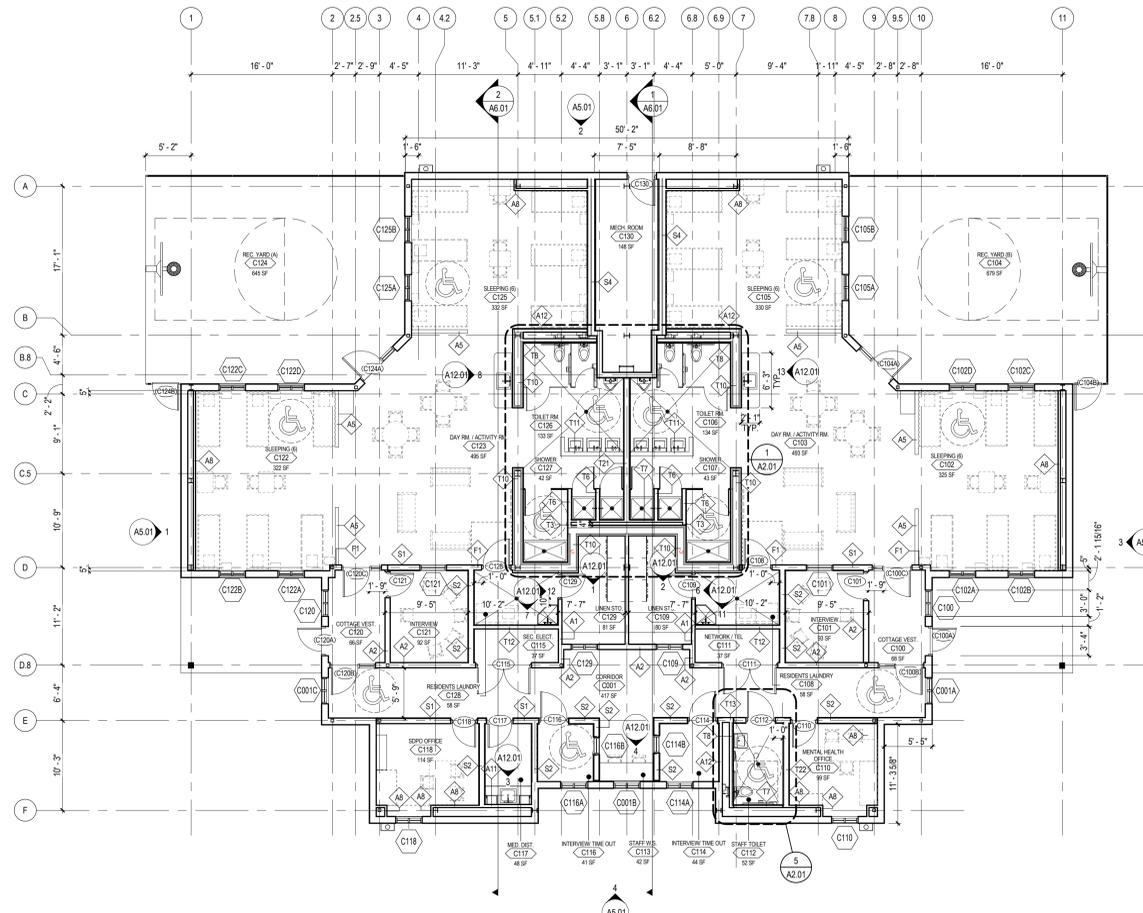
LEGEND NOTES ARE COMMON TO ALL SHEETS.
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GENERAL NOTES

- A. GENERAL NOTES APPLY TO ALL SHEETS.
- B. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- C. FLOOR SPOT ELEVATIONS ARE SHOWN THUS XXX'-X".
- D. INTERIOR CMU WALLS SHALL BE 8 INCH NOMINAL THICKNESS, UNLESS NOTED OTHERWISE.
- E. WALLS SHADED ON FLOOR PLANS INDICATE GROUND FACE MASONRY UNITS (GCMU). EXTEND GCMU TO 4 INCHES MINIMUM ABOVE FINISH CEILING AND CONTINUE WITH CMU OF SAME THICKNESS.
- F. WALL TYPES SHALL BE DESIGNED ON FLOOR PLANS THUS X. SEE SHEET A11.1-11.15 FOR WALL TYPES.
- G. MASONRY WALLS AND INTERIOR STUD WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE REFLECTED CEILING PLAN NOTES. PROVISIONS SHALL BE MADE AT FULL HEIGHT NONBEARING WALLS FOR 1-INCH VERTICAL MOVEMENT OF BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. SEE DETAILS ON SHEET XX-X.
- I. SEE SHEET XX-X FOR LOCATION OF FIRE-RESISTANCE-RATED WALLS. WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
- J. SEAL PENETRATIONS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTIONS WITH THROUGH-PENETRATION FIRESTOP MATERIAL AS REQUIRED TO ACHIEVE RESPECTIVE FIRE-RESISTIVE RATING AND SMOKE STOPPAGE. SEE DETAILS ON SHEET XX-X.
- K. SEE STRUCTURAL DRAWINGS FOR BRACING OF NONLOAD BEARING MASONRY WALLS.
- L. FURNISH AND INSTALL FIRE-RETARDANT TREATED WOOD BLOCKING OR METAL BACKING PLATE IN STEEL STUD PARTITIONS FOR PROPER ANCHORAGE OF WALL ATTACHED ITEMS, I.E. TOILET ACCESSORIES, TOILET PARTITIONS, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, MARKERBOARDS, TACKBOARDS, DOOR STOPS, AUDIO VISUAL BRACKETS, ETC.
- M. GYPSUM BOARD AND PLASTER SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS WERE INDICATED ON DRAWINGS AND/OR AS DESCRIBED IN THE SPECIFICATIONS.
- N. MASONRY CONTROL JOINTS (CJ) AND CONTROL JOINTS ABOVE (CIA) SHALL BE LOCATED AS INDICATED ON FLOOR PLANS AND BUILDING ELEVATIONS, AND WHERE LARGE PLUMBING VENTS OR RISERS OCCUR IN SINGLE WITH THE MASONRY WALLS, AND WHERE MASONRY WALLS BEARING ON CONCRETE FLOOR SLABS ABUT MASONRY WALLS BEARING ON CONCRETE FOOTINGS OR AS INDICATED ON DRAWINGS.
- O. THE OWNER SHALL FURNISH AND INSTALL THE FOLLOWING: (SEE FURNITURE EQUIPMENT PLANS)
 P. INCLUDE OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER FURNISHED AND CONTRACTOR INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND COORDINATE WITH OWNER TO ACCOMMODATE THESE ITEMS.
 Q. COORDINATE MECHANICAL CHASE SIZES WITH MECHANICAL CONTRACTOR.
 R. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS SIZE AND LOCATION OF EQUIPMENT PADS INDICATED ON FLOOR PLANS.
 S. "MBD AND TBO" INDICATE MARKERBOARDS AND TACKBOARDS ON FLOOR PLANS. LENGTH PRECEDES THE DESIGNATION (EXAMPLE: 18" MBD). BOARDS ARE 48 INCHES TALL. SEE WALL ELEVATIONS OR SPECIFICATIONS FOR MOUNTING HEIGHT.
 T. ARCHITECTURAL FINISH FLOOR ELEVATION 100'-0" EQUALS ACTUAL SITE REFERENCE ELEVATION OF FINISH FLOOR IN FEET VARIES PER BUILDING COMPONENT.
 U. EXTEND FURRING CHANNELS AND GYPSUM BOARD UP MINIMUM 4 INCHES ABOVE FINISHED CEILING ON CMU WALLS.
 V. FIRE-RATED ENCLOSURES AROUND STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL, WHERE APPLICABLE.
 W. SCRIBE GYPSUM BOARD OF WALL AND PARTITIONS TO IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND PENETRATIONS.
 X. PROVIDE SEISMIC BRACING FOR SUSPENDED CEILING OR AS INDICATED ON DRAWINGS.



2 COTTAGE FLOOR PLAN: COTTAGES 2, 3, & 4
 SCALE: 1/8" = 1'-0"
 NOTE: REFER TO PLAN #1 FOR ALL DIMENSIONS, NOTES, WALL TYPES, ELEVATION TAGS, ETC.



1 COTTAGE FLOOR PLAN - COTTAGES 1 & 5 (ALT. DOOR LOCATION @ REC YARD A)
 SCALE: 1/8" = 1'-0"

Public Agency Submittal:
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Revisions:

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 06/03/2015

CAMPUS KILPATRICK REPLACEMENT PROJECT

427 South Encinal Canyon Road
 Malibu, CA 90265



Los Angeles County
 Department of Public Works
 900 S. Fremont Ave.
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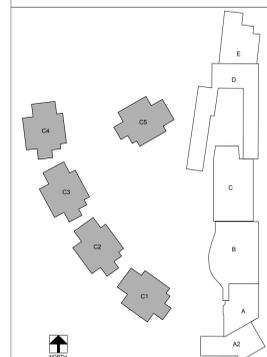
DLR Project No 75-15221-00

COTTAGE FLOOR PLAN

Issued Date: 05/29/2015
 Drawn By: AC/WJ/CC
 Checked By: P/JGW

A1.01
 Sheet No

KEY PLAN

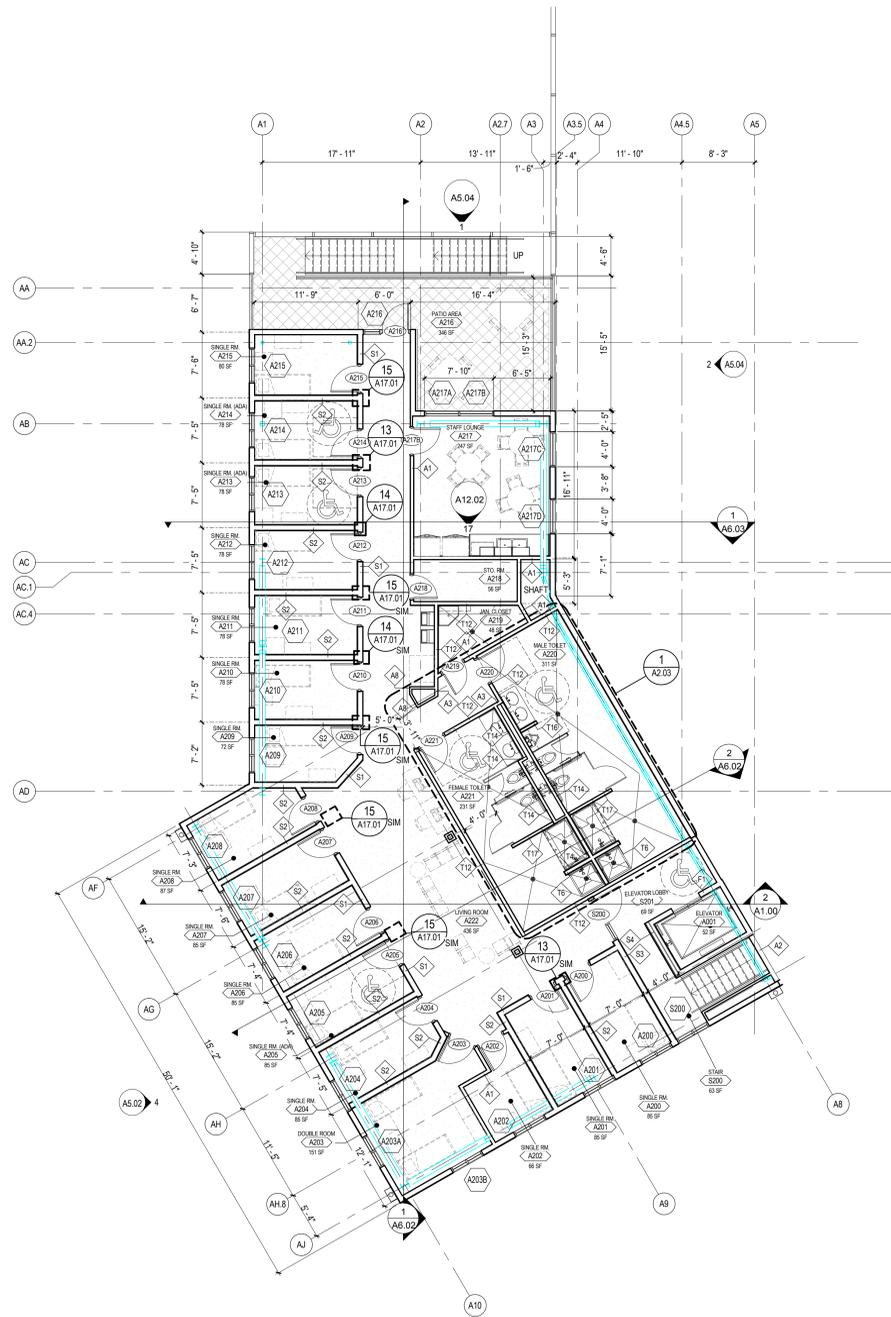


LEGEND NOTES

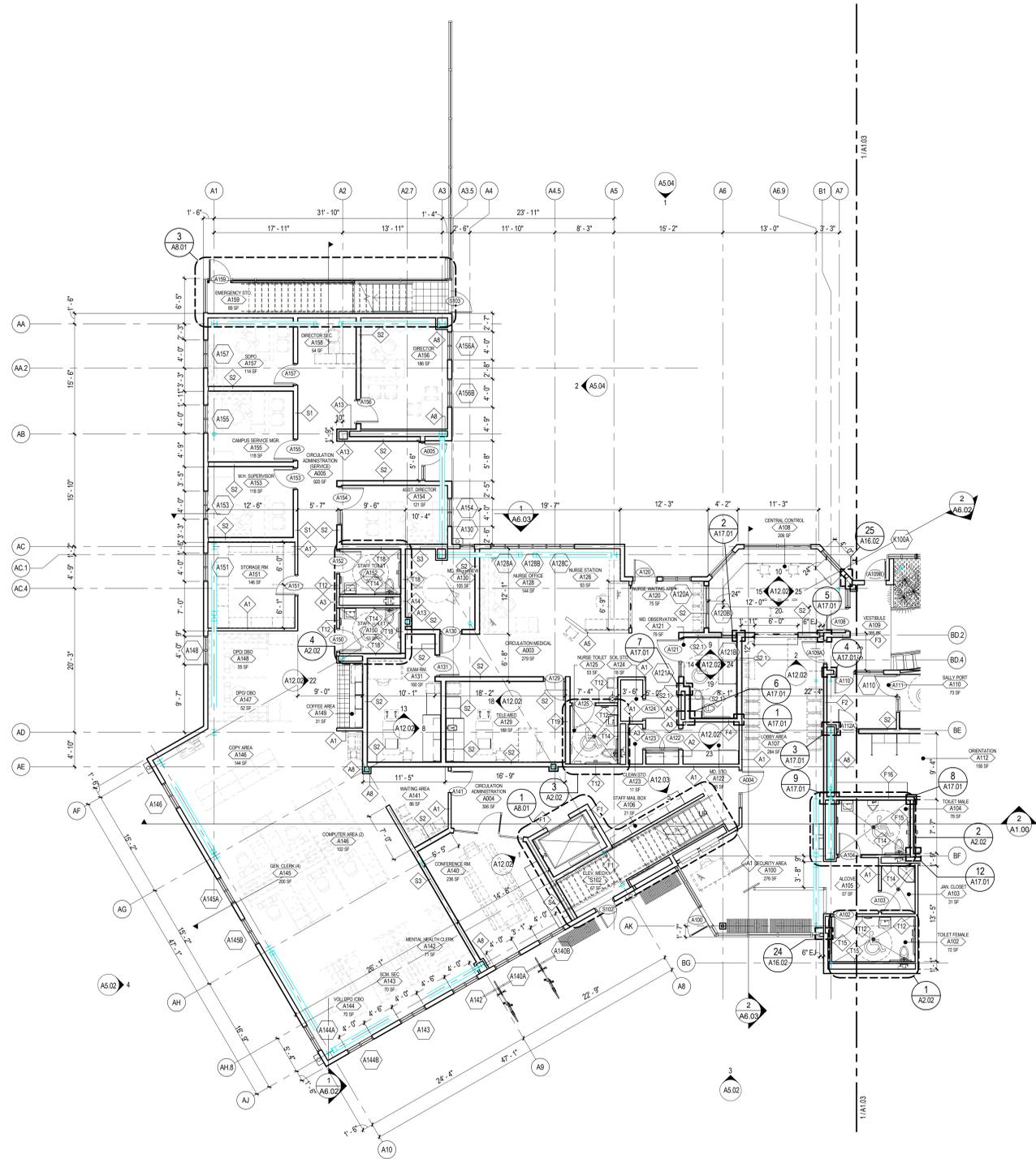
LEGEND NOTES ARE COMMON TO ALL SHEETS
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GENERAL NOTES

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- C. FLOOR SPOT ELEVATIONS ARE SHOWN THIS XXX'-X".
- D. INTERIOR CMU WALLS SHALL BE 8" NOMINAL THICKNESS, UNLESS NOTED OTHERWISE.
- E. WALLS SHOWN ON FLOOR PLANS INDICATE GROUND FACE MASONRY UNITS (GFMU). EXTEND GFMU TO 4 INCHES MINIMUM ABOVE FINISH CEILING AND CONTINUE WITH CMU OF SAME THICKNESS.
- F. PARTITION TYPES SHALL BE DESIGNED ON FLOOR PLANS THIS X. SEE SHEET A8.1 - A8.5 FOR PARTITION TYPES.
- G. MASONRY WALLS AND INTERIOR STUD WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE REFLECTED CEILING PLAN NOTES.
- H. PROVISIONS SHALL BE MADE AT FULL HEIGHT NONBEARING WALLS FOR 1/4" VERTICAL MOVEMENT OF BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE RATING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. SEE DETAILS ON SHEET XXX-X.
- I. SEE SHEET X.XX FOR LOCATION OF FIRE-RESISTANCE-RATED WALLS. WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
- J. SEAL PENETRATIONS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTIONS WITH THROUGH-PENETRATION FIRESTOP MATERIAL AS REQUIRED TO ACHIEVE RESPECTIVE FIRE-RESISTIVE RATING AND SMOKE STOPPAGE. SEE DETAILS ON SHEET XX-X.
- K. SEE STRUCTURAL DRAWINGS FOR BRACING OF NONLOAD BEARING MASONRY WALLS.
- L. FURNISH AND INSTALL FIRE-RETARDANT-TREATED WOOD BLOCKING OR METAL BACKING PLATE IN STEEL STUD PARTITION FOR PROPER ANCHORAGE OF WALL ATTACHED ITEMS. I.E. TOILET ACCESSORIES, TOILET PARTITIONS, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, MARKERBOARDS, TACKBOARDS, DOOR STOPS, AUDIO VISUAL BRACKETS, ETC.
- M. GYPSUM BOARD AND PLASTER SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS WHERE INDICATED ON DRAWINGS AND/OR AS DESCRIBED IN THE SPECIFICATIONS. MASONRY CONTROL JOINTS (CJ) AND CONTROL JOINTS ABOVE (CA) SHALL BE LOCATED AS INDICATED ON FLOOR PLANS AND BUILDING ELEVATIONS, AND WHERE LARGE PLUMBING VENTS OR RISERS OCCUR IN SINGLE WYTHE MASONRY WALLS, AND WHERE MASONRY WALLS BEARING ON CONCRETE FLOOR SLABS ABUT MASONRY WALLS BEARING ON CONCRETE FOOTINGS OR AS INDICATED ON DRAWINGS.
- N. THE OWNER SHALL FURNISH AND INSTALL THE FOLLOWING: (SEE FURNITURE EQUIPMENT PLANS)
 P. INCLUDE OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE AND COORDINATE WITH OWNER TO ACCOMMODATE THESE ITEMS.
 Q. COORDINATE MECHANICAL CHASE SIZES WITH MECHANICAL CONTRACTOR.
 R. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS SIZE AND LOCATION OF EQUIPMENT PADS INDICATED ON FLOOR PLANS.
 S. "M50 AND T50" INDICATE MARKERBOARDS AND TACKBOARDS ON FLOOR PLANS. LENGTH PRECEDES THE DESIGNATION (EXAMPLE 16 M50). BOARDS ARE 48 INCHES TALL. SEE WALL ELEVATIONS OR SPECIFICATIONS FOR MOUNTING HEIGHT.
 T. ARCHITECTURAL FINISH FLOOR ELEVATION 1000'-0" EQUALS ACTUAL SITE REFERENCE ELEVATION OF FINISH FLOOR IN FEET VARIES PER BUILDING COMPONENT.
 U. EXTEND FURRING CHANNELS AND GYPSUM BOARD UP MINIMUM 4 INCHES ABOVE FINISHED CEILING ON CMU WALLS. FIRE-RATED ENCLOSURES AROUND STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL, WHERE APPLICABLE.
 V. SCRIBE GYPSUM BOARD OF WALL AND PARTITIONS TO IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND PENETRATIONS.
 X. PROVIDE SEISMIC BRACING FOR SUSPENDED CEILING OR AS INDICATED ON DRAWINGS.

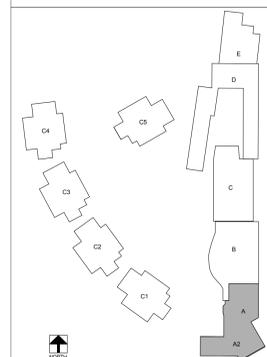


2 SUPPORT-ADMINISTRATION/MEDICAL SECOND FLOOR PLAN (AREA A)
 A1.02 SCALE: 1/8" = 1'-0"



1 SUPPORT-ADMINISTRATION/MEDICAL FIRST FLOOR PLAN (AREA A)
 A1.02 SCALE: 1/8" = 1'-0"

KEY PLAN



Public Agency Submittal:
 Issued for Bidding:
 Issued for Construction:

Revisions:

50% CONSTRUCTION
 SUBMITTAL
 06/03/2015

CAMPUS KILPATRICK REPLACEMENT PROJECT

427 South Encinal Canyon Road
 Malibu, CA 90265



Los Angeles County
 Department of Public Works
 900 S. Fremont Ave.
 Alhambra, California 91803

DLR Project No 75-15221-00

SUPPORT BUILDING 1ST &
 2ND FLOOR PLANS (AREA
 A)

Issued Date: 05/29/2015
 Drawn By: ACW/LCC
 Checked By: POG/W

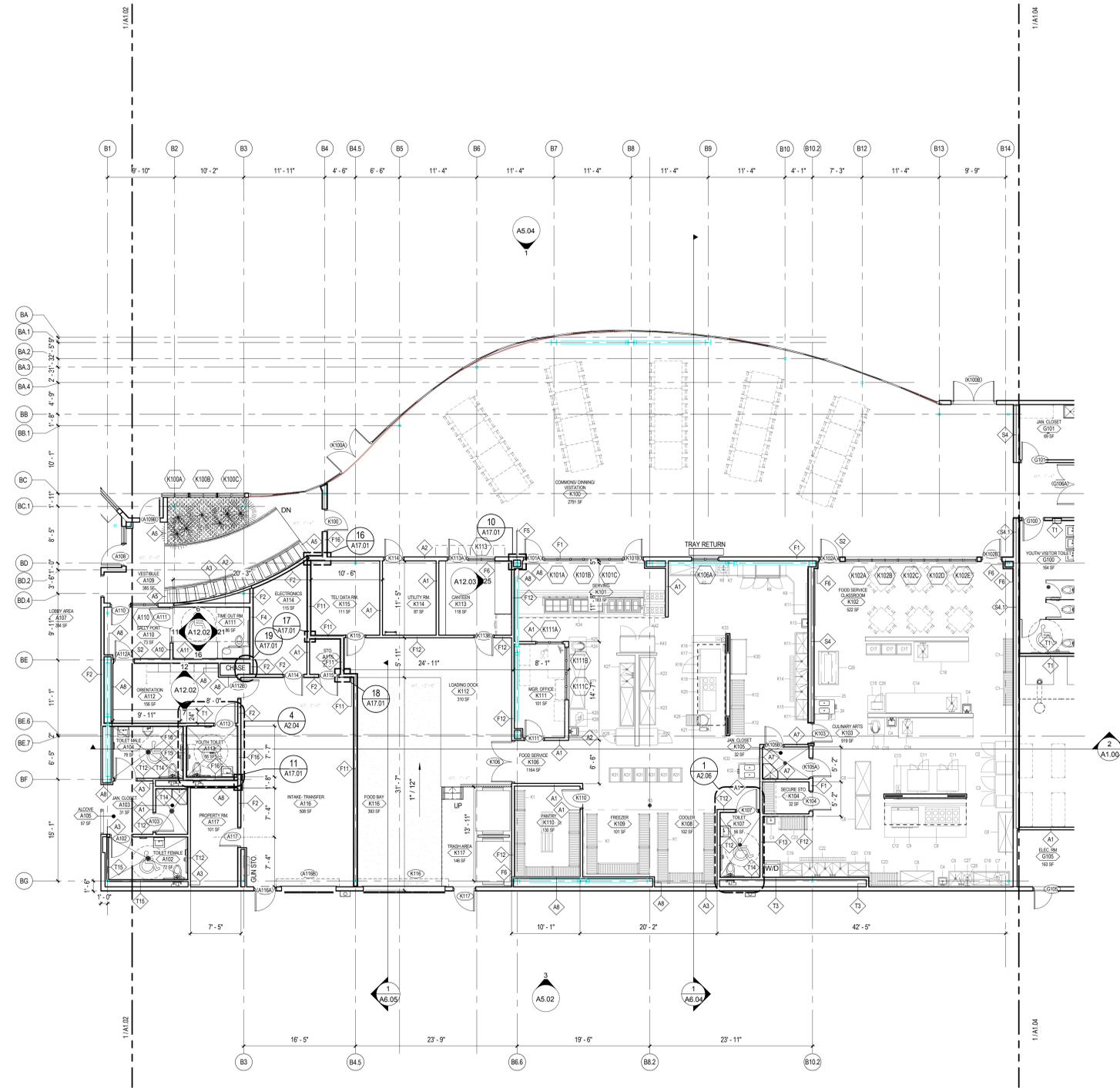
A1.02
 Sheet No

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SHEETS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

GENERAL NOTES

- A. GENERAL NOTES APPLY TO ALL SHEETS.
- B. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- C. FLOOR SPOT ELEVATIONS ARE SHOWN THIS XXX.XX UNLESS NOTED OTHERWISE.
- D. INTERIOR CMU WALLS SHALL BE 8 INCH NOMINAL THICKNESS, UNLESS NOTED OTHERWISE.
- E. WALLS SHOWN ON FLOOR PLANS INDICATE GROUND FACE MASONRY UNITS (GFMU). EXTEND GFMU TO 4 INCHES MINIMUM ABOVE FINISH CEILING AND CONTINUE WITH CMU OF SAME THICKNESS.
- F. PARTITION TYPES SHALL BE DESIGNED ON FLOOR PLANS THIS X. SEE SHEET AS 1 - A8.5 FOR PARTITION TYPES.
- G. MASONRY WALLS AND INTERIOR STUD WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE REFLECTED CEILING PLAN NOTES.
- H. PROVISIONS SHALL BE MADE AT FULL HEIGHT NONBEARING WALLS FOR 1-INCH VERTICAL MOVEMENT OF BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. SEE DETAILS ON SHEET XXX.X.
- I. SEE SHEET XXX FOR LOCATION OF FIRE-RESISTANCE-RATED WALLS. WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
- J. SEAL PENETRATIONS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTIONS WITH THROUGH PENETRATION FIRESTOP MATERIAL AS REQUIRED TO ACHIEVE RESPECTIVE FIRE-RESISTIVE RATING AND SMOKE STOPPAGE. SEE DETAILS ON SHEET XXX.X.
- K. SEE STRUCTURAL DRAWINGS FOR BRACING OF NONLOAD BEARING MASONRY WALLS.
- L. FURNISH AND INSTALL FIRE-RETARDANT-TREATED WOOD BLOCKING OR METAL BACKING PLATE IN STEEL STUD PARTITIONS FOR PROPER ANCHORAGE OF WALL ATTACHED ITEMS, I.E. TOILET ACCESSORIES, TOILET PARTITIONS, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, MARKERBOARDS, TACKBOARDS, DOOR STOPS, AUDIO VISUAL BRACKETS, ETC.
- M. GYPSUM BOARD AND PLASTER SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS WHERE INDICATED ON DRAWINGS AND/OR AS DESCRIBED IN THE SPECIFICATIONS.
- N. MASONRY CONTROL JOINTS (CJ) AND CONTROL JOINTS ABOVE (CA) SHALL BE LOCATED AS INDICATED ON FLOOR PLANS AND BUILDING ELEVATIONS, AND WHERE LARGE PLUMBING VENTS OR RISERS OCCUR IN SINGLE WYTHE MASONRY WALLS, AND WHERE MASONRY WALLS BEARING ON CONCRETE FLOOR SLABS ABUT MASONRY WALLS BEARING ON CONCRETE FOOTINGS OR AS INDICATED ON DRAWINGS.
- O. THE OWNER SHALL FURNISH AND INSTALL THE FOLLOWING: (SEE FURNITURE EQUIPMENT PLANS)
P. INCLUDE OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND COORDINATE WITH OWNER TO ACCOMMODATE THESE ITEMS.
Q. COORDINATE MECHANICAL CHASE SIZES WITH MECHANICAL CONTRACTOR.
R. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS SIZE AND LOCATION OF EQUIPMENT PADS INDICATED ON FLOOR PLANS.
S. *MBD AND *TRD INDICATE MARKERBOARDS AND TACKBOARDS ON FLOOR PLANS. LENGTH PRECEDES THE DESIGNATION (EXAMPLE: 16" MBD). BOARDS ARE 16 INCHES TALL. SEE WALL ELEVATIONS OR SPECIFICATIONS FOR MOUNTING HEIGHT.
T. ARCHITECTURAL FINISH FLOOR ELEVATION 1000.0' EQUALS ACTUAL SITE REFERENCE ELEVATION OF FINISH FLOOR IN FEET VARIES PER BUILDING COMPONENT.
U. EXTEND FURRING CHANNELS AND GYPSUM BOARD UP MINIMUM 4 INCHES ABOVE FINISHED CEILING ON CMU WALLS.
V. FIRE-RATED ENCLOSURES AROUND STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL, WHERE APPLICABLE.
W. SCRIBE GYPSUM BOARD OF WALL AND PARTITIONS TO IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND PENETRATIONS.
X. PROVIDE SEISMIC BRACING FOR SUSPENDED CEILING OR AS INDICATED ON DRAWINGS.



1 SUPPORT-COMMONS/DINING/KITCHEN FIRST FLOOR PLAN (AREA B)
A1.03 SCALE: 1/8" = 1'-0"

Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION
SUBMITTAL
06/03/2015

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REPLACEMENT
PROJECT**

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Los Angeles County
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900 S. Fremont Ave.
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DLR Project No 75-15221-00

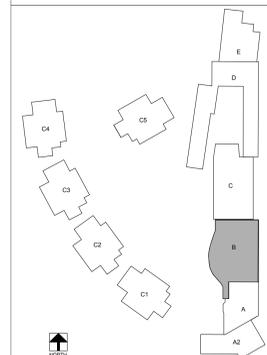
SUPPORT BUILDING FLOOR
PLAN (AREA B)

Issued Date: 05/29/2015
Drawn By: ACW/LCC
Checked By: POG/W

A1.03

Sheet No

KEY PLAN

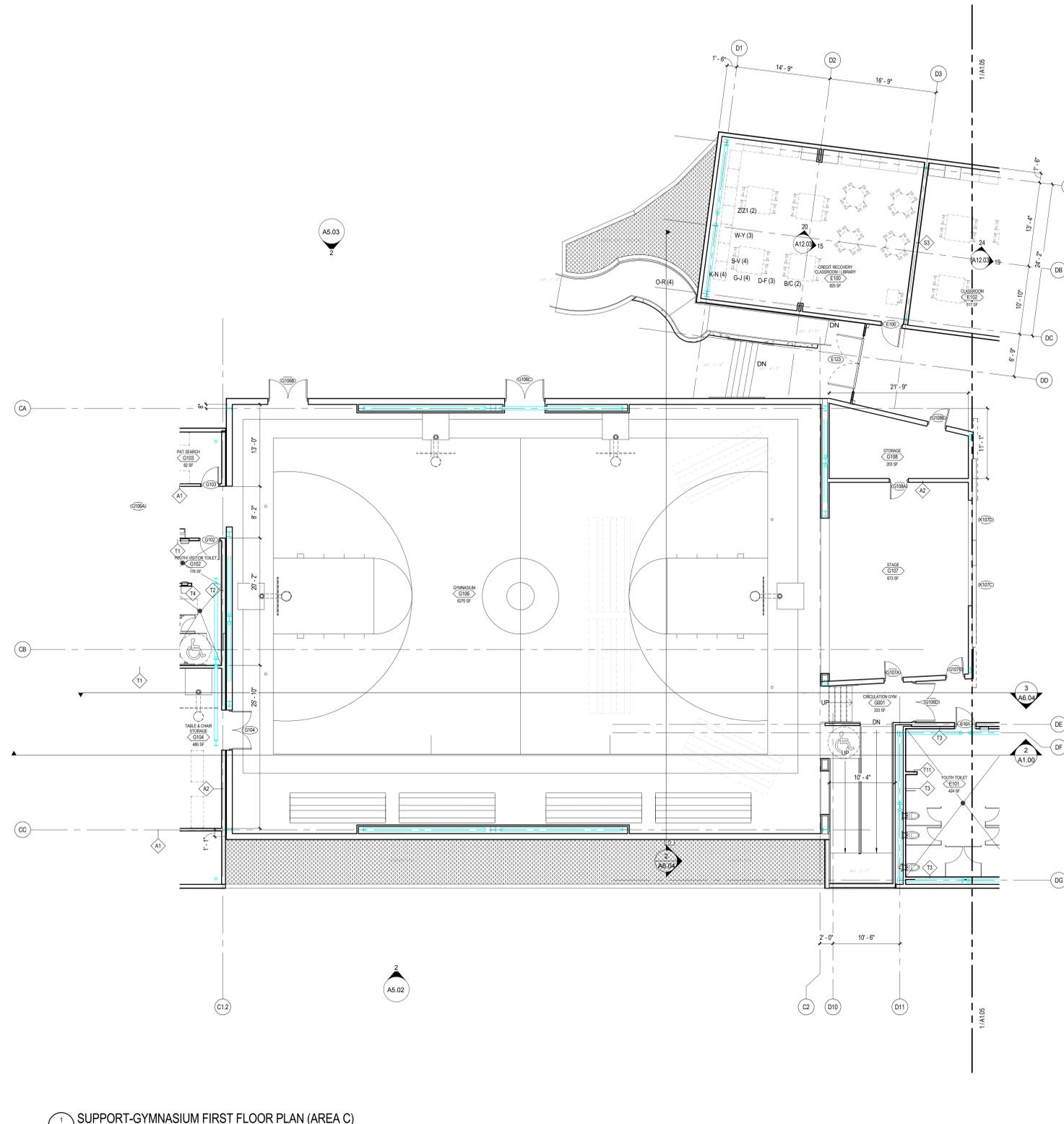


LEGEND NOTES

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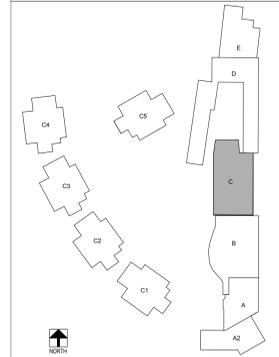
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- C. FLOOR SPOT ELEVATIONS ARE SHOWN THUS XXX.X".
- D. INTERIOR CMU WALLS SHALL BE 8 INCH NOMINAL THICKNESS, UNLESS NOTED OTHERWISE.
- E. WALLS SHADDED ON FLOOR PLANS INDICATE GROUND FACE MASONRY UNITS (GFCMU), EXTEND GFCMU TO 4 INCHES MINIMUM ABOVE FINISH CEILING AND CONTINUE WITH CMU OF SAME THICKNESS.
- F. PARTITION TYPES SHALL BE DESIGNED ON FLOOR PLANS THUS X. SEE SHEET A8.1 - A8.5 FOR PARTITION TYPES.
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- H. PROVISIONS SHALL BE MADE AT FULL HEIGHT NONBEARING WALLS FOR 1-INCH VERTICAL MOVEMENT OF BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. SEE DETAILS ON SHEET XXX.X.
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P. INCLUDE OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER FURNISHED AND CONTRACTOR INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND COORDINATE WITH OWNER TO ACCOMMODATE THESE ITEMS.
Q. COORDINATE MECHANICAL CHASE SIZES WITH MECHANICAL CONTRACTOR.
R. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS SIZE AND LOCATION OF EQUIPMENT PADS INDICATED ON FLOOR PLANS.
S. "MBD AND TBD" INDICATE MARKERBOARDS AND TACKBOARDS ON FLOOR PLANS. LENGTH PRECEDES THE DESIGNATION (EXAMPLE: 16 MBD). BOARDS ARE 48 INCHES TALL. SEE WALL ELEVATIONS OR SPECIFICATIONS FOR MOUNTING HEIGHT.
T. ARCHITECTURAL FINISH FLOOR ELEVATION 1000'-0" EQUALS ACTUAL SITE REFERENCE ELEVATION OF FINISH FLOOR IN FEET (VARIES PER BUILDING COMPONENT).
U. EXTEND FURNING CHANNELS AND GYPSUM BOARD UP MINIMUM 4 INCHES ABOVE FINISHED CEILING ON CMU WALLS.
V. FIRE-RATED ENCLOSURES AROUND STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL, WHERE APPLICABLE.
W. SCRIBE GYPSUM BOARD OF WALL AND PARTITIONS TO IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND PENETRATIONS.
X. PROVIDE SEISMIC BRACING FOR SUSPENDED CEILING OR AS INDICATED ON DRAWINGS.



1 SUPPORT-GYMNASIUM FIRST FLOOR PLAN (AREA C)
A1.04 SCALE: 1/8" = 1'-0"

KEY PLAN



Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION
SUBMITTAL
06/03/2015

**CAMPUS KILPATRICK
REPLACEMENT
PROJECT**

427 South Encinal Canyon Road
Malibu, CA 90265



Los Angeles County
Department of Public Works
900 S. Fremont Ave.
Alhambra, California 91803

DLR Project No 75-15221-00

**SUPPORT BUILDING FLOOR
PLAN (AREA C)**

Issued Date: 05/29/2015
Drawn By: ACW/LCC
Checked By: POGW

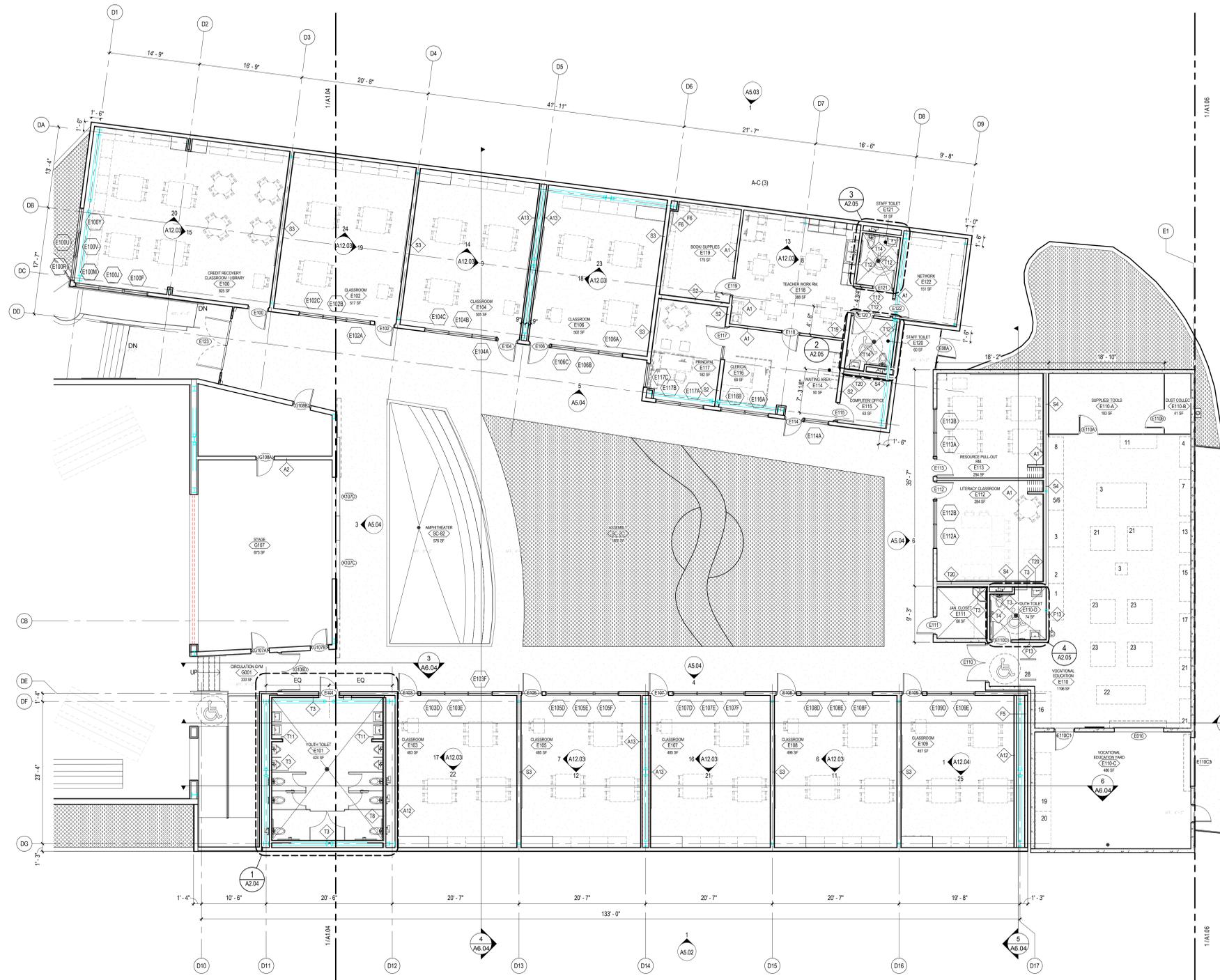
A1.04
Sheet No

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SHEETS.
 SOME NOTES MAY NOT APPLY TO THIS SHEET.

GENERAL NOTES

- A. GENERAL NOTES APPLY TO ALL SHEETS.
- B. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- C. FLOOR SPOT ELEVATIONS ARE SHOWN THUS XXX'-X" UNLESS NOTED OTHERWISE.
- D. INTERIOR CMU WALLS SHALL BE 8 INCH NOMINAL THICKNESS, MINIMUM ABOVE FINISH CEILING AND CONTINUE WITH CMU OF SAME THICKNESS.
- E. WALLS SHADED ON FLOOR PLANS INDICATE GROUND FACE MASONRY UNITS (GFCMU). EXTEND GFCMU TO 4 INCHES MINIMUM ABOVE FINISH CEILING AND CONTINUE WITH CMU OF SAME THICKNESS.
- F. PARTITION TYPES SHALL BE DESIGNED ON FLOOR PLANS THIS X. SEE SHEET A8.1 - A8.5 FOR PARTITION TYPES.
- G. MASONRY WALLS AND INTERIOR STUD WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE RELECTED CEILING PLAN NOTES.
- H. PROVISIONS SHALL BE MADE AT FULL HEIGHT NONBEARING WALLS FOR 1 INCH VERTICAL MOVEMENT OF BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. SEE DETAILS ON SHEET XX.X.
- I. SEE SHEET XXX FOR LOCATION OF FIRE-RESISTANCE-RATED WALLS. WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
- J. SEAL PENETRATIONS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTIONS WITH THROUGH-PENETRATION FIRESTOP MATERIAL AS REQUIRED TO ACHIEVE RESPECTIVE FIRE RESISTIVE RATING AND SMOKE STOPPAGE. SEE DETAILS ON SHEET XXX.X.
- K. SEE STRUCTURAL DRAWINGS FOR BRACING OF NONLOAD BEARING MASONRY WALLS.
- L. FURNISH AND INSTALL FIRE-RETARDANT-TREATED WOOD BLOCKING OR METAL BACKING PLATE IN STEEL STUD PARTITIONS FOR PROPER ANCHORAGE OF WALL ATTACHED ITEMS, I.E. TOILET ACCESSORIES, TOILET PARTITIONS, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, MARKERBOARDS, TACKBOARDS, DOOR STOPS, AUDIO VISUAL BRACKETS, ETC.
- M. GYPSUM BOARD AND PLASTER SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS WHERE INDICATED ON DRAWINGS AND/OR AS DESCRIBED IN THE SPECIFICATIONS.
- N. MASONRY CONTROL JOINTS (CJ) AND CONTROL JOINTS ABOVE (CA) SHALL BE LOCATED AS INDICATED ON FLOOR PLANS AND BUILDING ELEVATIONS, AND WHERE LARGE PLUMBING VENTS OR RISERS OCCUR IN SINGLE WALLS, MASONRY WALLS, AND WHERE MASONRY WALLS BEARING ON CONCRETE FLOOR SLABS ABUT MASONRY WALLS BEARING ON CONCRETE FOOTINGS OR AS INDICATED ON DRAWINGS.
- O. THE OWNER SHALL FURNISH AND INSTALL THE FOLLOWING: (SEE FURNITURE EQUIPMENT PLANS)
 P. INCLUDE OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER FURNISHED AND CONTRACTOR INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND COORDINATE WITH OWNER TO ACCOMMODATE THESE ITEMS.
 Q. COORDINATE MECHANICAL CHASE SIZES WITH MECHANICAL CONTRACTOR.
 R. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS SIZE AND LOCATION OF EQUIPMENT PADS INDICATED ON FLOOR PLANS.
 S. "MBD AND TSD" INDICATE MARKERBOARDS AND TACKBOARDS ON FLOOR PLANS. LENGTH PRECEDES THE DESIGNATION (EXAMPLE 16 MBD). BOARDS ARE 48 INCHES TALL. SEE WALL ELEVATIONS OR SPECIFICATIONS FOR MOUNTING HEIGHT.
 T. ARCHITECTURAL FINISH FLOOR ELEVATION 1000'-0" EQUALS ACTUAL. SITE REFERENCE ELEVATION OF FINISH FLOOR IN FEET VARIES PER BUILDING COMPONENT.
 U. EXTEND FURRING CHANNELS AND GYPSUM BOARD UP MINIMUM 4 INCHES ABOVE FINISHED CEILING ON CMU WALLS.
 V. FIRE-RATED ENCLOSURES AROUND STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL, WHERE APPLICABLE. SCORE GYPSUM BOARD OF WALL AND PARTITIONS TO IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND PENETRATIONS.
 W. PROVIDE SEISMIC BRACING FOR SUSPENDED CEILING OR AS INDICATED ON DRAWINGS.



LEGEND NOTES

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GENERAL NOTES

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- E. WALLS SHOWN ON FLOOR PLANS INDICATE GROUND FACE MASONRY UNITS (GFCMU). EXTEND GFCMU TO 4 INCHES MINIMUM ABOVE FINISH CEILINGS AND CONTINUE WITH CMU OF SAME THICKNESS.
- F. PARTITION TYPES SHALL BE DESIGNED ON FLOOR PLANS THUS X. SEE SHEET A8.1 - A8.5 FOR PARTITION TYPES.
- G. MASONRY WALLS AND INTERIOR STUD WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE REFLECTED CEILING PLAN NOTES.
- H. PROVISIONS SHALL BE MADE AT FULL HEIGHT NONBEARING WALLS FOR 1-INCH VERTICAL MOVEMENT OF BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. SEE DETAILS ON SHEET XXX.
- I. SEE SHEET XXX FOR LOCATION OF FIRE-RESISTANCE-RATED WALLS. WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
- J. SEAL PENETRATIONS THROUGH FIRE-RESISTANCE-RATED CONSTRUCTIONS WITH THROUGH-PENETRATION FIRESTOP MATERIAL AS REQUIRED TO ACHIEVE RESPECTIVE FIRE-RESISTIVE RATING AND SMOKE STOPPAGE. SEE DETAILS ON SHEET XXX.
- K. SEE STRUCTURAL DRAWINGS FOR BRACING OF NONLOAD BEARING MASONRY WALLS.
- L. FURNISH AND INSTALL FIRE-RETARDANT-TREATED WOOD BLOCKING OR METAL BACKING PLATE IN STEEL STUD PARTITIONS FOR PROPER ANCHORAGE OF WALL ATTACHED ITEMS, I.E. TOILET ACCESSORIES, TOILET PARTITIONS, CASEWORK, MILL WORK, WALL-MOUNTED FIXTURES, MARKERBOARDS, TACKBOARDS, DOOR STOPS, AUDIO VISUAL BRACKETS, ETC.
- M. GYPSUM BOARD AND PLASTER SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS WHERE INDICATED ON DRAWINGS AND/OR AS DESCRIBED IN THE SPECIFICATIONS.
- N. MASONRY CONTROL JOINTS (CJ) AND CONTROL JOINTS ABOVE (CAJ) SHALL BE LOCATED AS INDICATED ON FLOOR PLANS AND BUILDING ELEVATIONS, AND WHERE LARGE PLUMBING VENTS OR RISERS OCCUR IN SINGLE WYTHE MASONRY WALLS, AND WHERE MASONRY WALLS BEARING ON CONCRETE FLOOR SLABS ABUT MASONRY WALLS BEARING ON CONCRETE FOOTINGS OR AS INDICATED ON DRAWINGS.
- O. THE OWNER SHALL FURNISH AND INSTALL THE FOLLOWING: (SEE FURNITURE EQUIPMENT PLANS)
- P. INCLUDE OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND COORDINATE WITH OWNER TO ACCOMMODATE THESE ITEMS.
- Q. COORDINATE MECHANICAL CHASE SIZES WITH MECHANICAL CONTRACTOR.
- R. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS SIZE AND LOCATION OF EQUIPMENT PADS INDICATED ON FLOOR PLANS.
- S. "M&D AND T&D" INDICATE MARKERBOARDS AND TACKBOARDS ON FLOOR PLANS. LENGTH PRECEDES THE DESIGNATION (EXAMPLE: 16" M&D). BOARDS ARE 48 INCHES TALL. SEE WALL ELEVATIONS OR SPECIFICATIONS FOR MOUNTING HEIGHT.
- T. ARCHITECTURAL FINISH FLOOR ELEVATION 1000'-0" EQUALS ACTUAL SITE REFERENCE ELEVATION OF FINISH FLOOR IN FEET VARIES PER BUILDING COMPONENT.
- U. EXTEND FURRING CHANNELS AND GYPSUM BOARD UP MINIMUM 4 INCHES ABOVE FINISHED CEILING ON CMU WALLS.
- V. FIRE-RATED ENCLOSURES AROUND STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL, WHERE APPLICABLE.
- W. SCRIBE GYPSUM BOARD OF WALL AND PARTITIONS TO IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND PENETRATIONS.
- X. PROVIDE SEISMIC BRACING FOR SUSPENDED CEILINGS OR AS INDICATED ON DRAWINGS.



1 SUPPORT-MAINTENANCE FIRST FLOOR PLAN (AREA E)
SCALE: 1/8" = 1'-0"

Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION
SUBMITTAL
06/03/2015

**CAMPUS KILPATRICK
REPLACEMENT
PROJECT**

427 South Encinal Canyon Road
Malibu, CA 90265



Los Angeles County
Department of Public Works
900 S. Fremont Ave.
Alhambra, California 91803

DLR Project No 75-15221-00

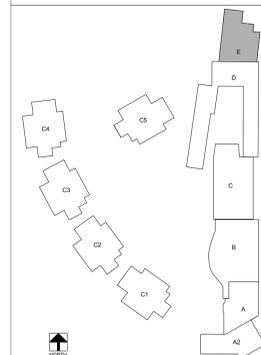
**SUPPORT BUILDING FLOOR
PLAN (AREA E)**

Issued Date: 05/29/2015
Drawn By: AC/WJ/CC
Checked By: P/IGW

A1.06

Sheet No

KEY PLAN

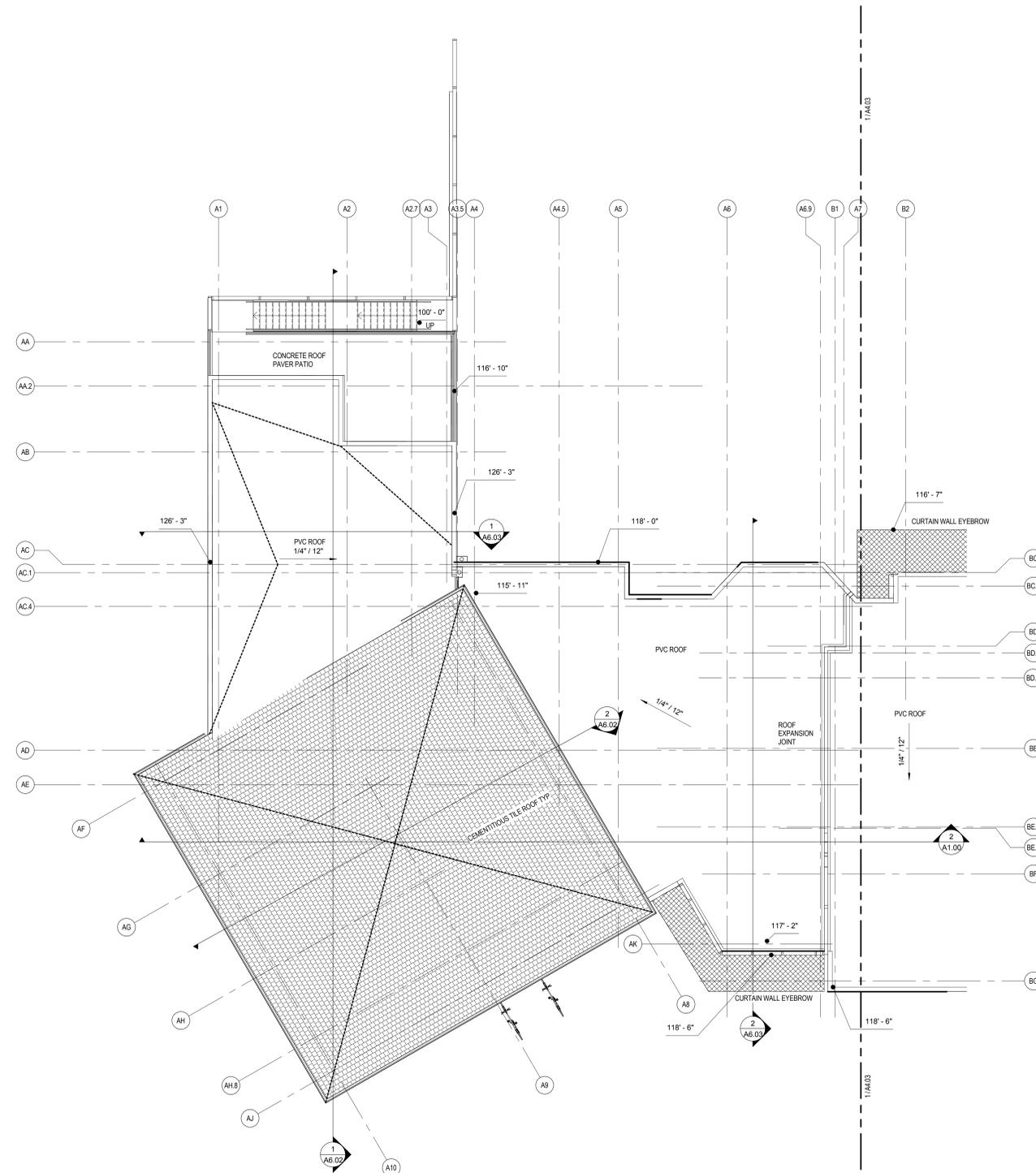


LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL
SOME NOTES MAY NOT APPLY TO THIS SHEET

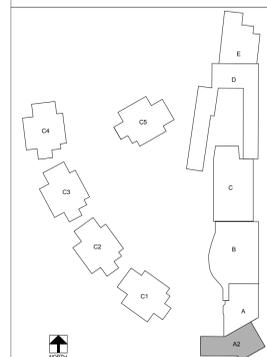
ROOF PLAN GENERAL NOTES:

- A. ROOF PLAN NOTES APPLY TO ALL ROOF PLAN SHEETS.
- B. MOST ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION. SHADED AREAS INDICATE TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- C. ALL ROOF CURBS TO BE A MINIMUM OF 6" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.
- D. SEE STRUCTURAL FOR FRAMING AROUND ROOF PENETRATIONS.
- E. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.
- F. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON PLANS.
- G. NO ROOF PENETRATIONS ALLOWED WITHIN 5'-0" EACH SIDE OF 2-HOUR AREA SEPARATION WALL AND 2-HR FIREWALL. SEE CODE PLAN FOR WALL LOCATIONS.



1 SUPPORT BUILDING ROOF PLANS (AREA A)
SCALE: 1/8" = 1'-0"

KEY PLAN



Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION
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06/03/2015

**CAMPUS KILPATRICK
REPLACEMENT
PROJECT**

427 South Encinal Canyon Road
Malibu, CA 90265



Los Angeles County
Department of Public Works
900 S. Fremont Ave.
Alhambra, California 91803

DLR Project No 75-15221-00

**SUPPORT BUILDING ROOF
PLAN (AREA A)**

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Checked By: POGW

A4.02

Sheet No

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SHEETS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

ROOF PLAN GENERAL NOTES:

- A. ROOF PLAN NOTES APPLY TO ALL ROOF PLAN SHEETS.
- B. MOST ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS. OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION. SHADED AREAS INDICATE TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- C. ALL ROOF CURBS TO BE A MINIMUM OF 8" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.
- D. SEE STRUCTURAL FOR FRAMING AROUND ROOF PENETRATIONS.
- E. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.
- F. FLUSH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON PLANS.
- G. NO ROOF PENETRATIONS ALLOWED WITHIN 5'-0" EACH SIDE OF 2-HOUR AREA SEPARATION WALL AND 2-HR FIREWALL. SEE CODE PLAN FOR WALL LOCATIONS.



DLR Group
Architecture Engineering Planning Interiors

3130 Wilshire Boulevard, Sixth Floor
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Public Agency Submittal:
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REPLACEMENT
PROJECT**

427 South Encinal Canyon Road
Malibu, CA 90265



Los Angeles County
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900 S. Fremont Ave.
Alhambra, California 91803

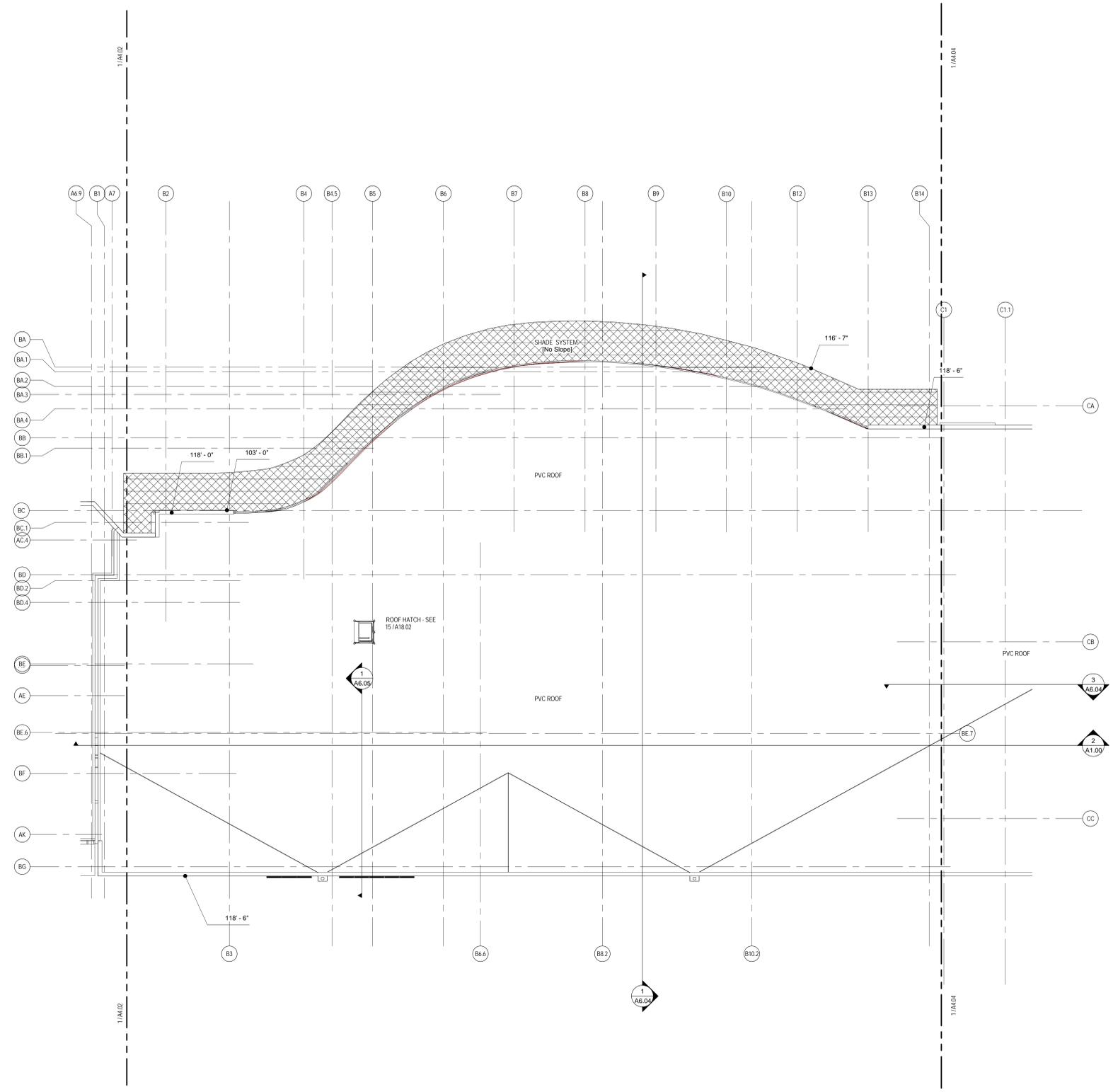
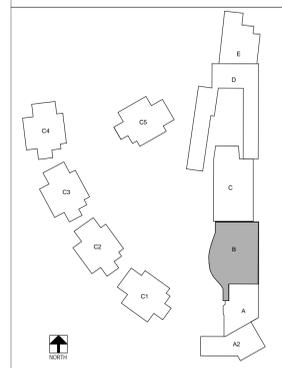
DLR Project No: 75-15221-00

**SUPPORT BUILDING ROOF
PLAN (AREA B)**

Issued Date: 06/03/2015
Drawn By: ACW/LUC
Checked By: P/JGW

A4.03
Sheet No

KEY PLAN



1 SUPPORT BUILDING ROOF PLANS (AREA B)
SCALE: 1/8" = 1'-0"

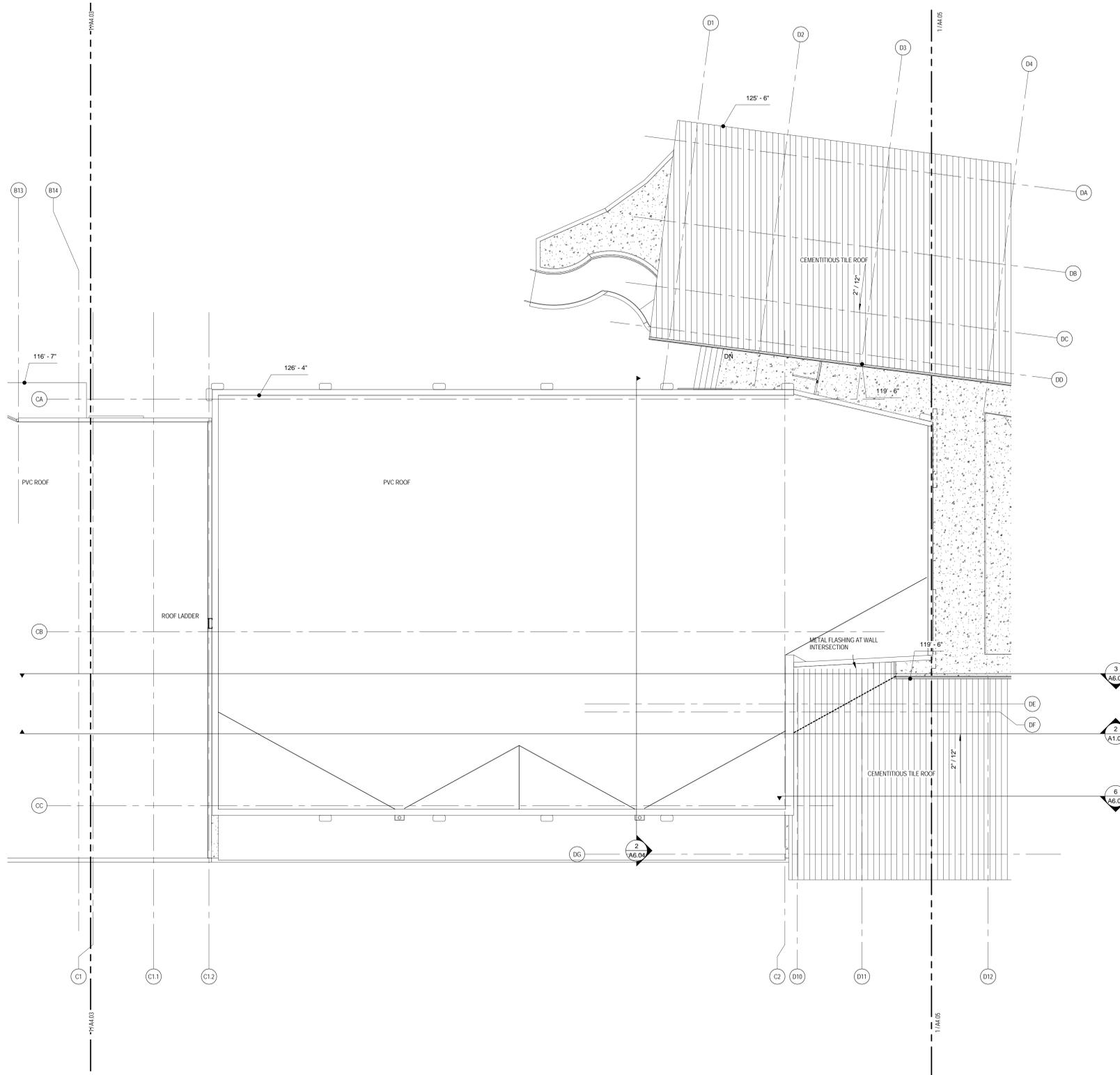
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LEGEND NOTES

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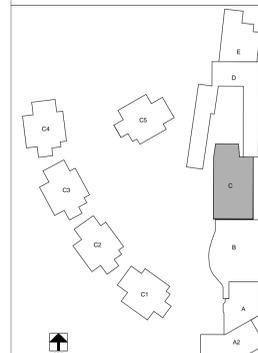
ROOF PLAN GENERAL NOTES:

- A. ROOF PLAN NOTES APPLY TO ALL ROOF PLAN SHEETS.
- B. MOST ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION. SHADDED AREAS INDICATE TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- C. ALL ROOF CURBS TO BE A MINIMUM OF 8" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.
- D. SEE STRUCTURAL FOR FRAMING AROUND ROOF PENETRATIONS.
- E. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.
- F. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON PLANS.
- G. NO ROOF PENETRATIONS ALLOWED WITHIN 5'-0" EACH SIDE OF 2 HOUR AREA SEPARATION WALL AND 2-HR FIREWALL. SEE CODE PLAN FOR WALL LOCATIONS.



1 SUPPORT BUILDING ROOF PLANS (AREA C)
A4.04 SCALE: 1/8" = 1'-0"

KEY PLAN



Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION
SUBMITTAL
06/03/2015

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REPLACEMENT
PROJECT**

427 South Encinal Canyon Road
Malibu, CA 90265



Los Angeles County
Department of Public Works
900 S. Fremont Ave.
Alhambra, California 91803

DLR Project No 75-15221-00

**SUPPORT BUILDING ROOF
PLAN (AREA C)**

Issued Date: 06/03/2015
Drawn By: ACW/LUC
Checked By: P/JGW

A4.04

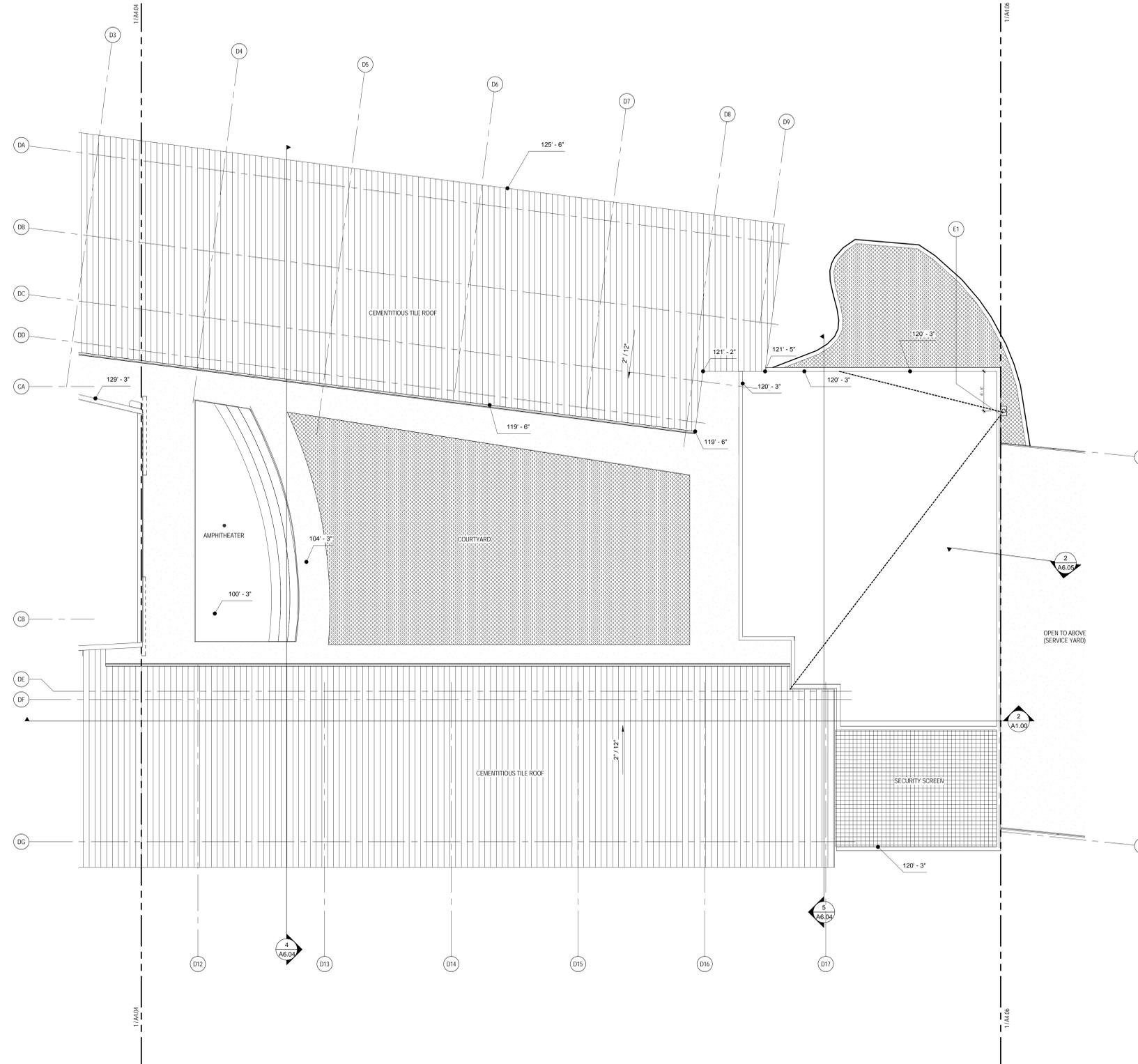
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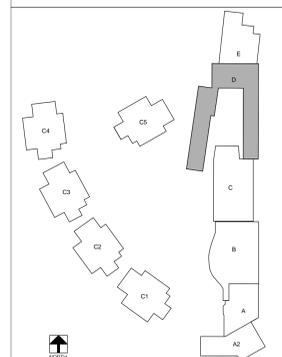
ROOF PLAN GENERAL NOTES:

- A. ROOF PLAN NOTES APPLY TO ALL ROOF PLAN SHEETS.
- B. MOST ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW PORTS TO DETERMINE PROPER TAPER IN INSULATION. SHADED AREAS INDICATE TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4 INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- C. ALL ROOF CURBS TO BE A MINIMUM OF 8" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.
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- E. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.
- F. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON PLANS.
- G. NO ROOF PENETRATIONS ALLOWED WITHIN 5' OF EACH SIDE OF 2-HOUR AREA SEPARATION WALL AND 2-HR FIREWALL. SEE CODE PLAN FOR WALL LOCATIONS.



1 SUPPORT BUILDING ROOF PLANS (AREA D)
SCALE: 1/8" = 1'-0"

KEY PLAN



Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION
SUBMITTAL
06/03/2015

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**SUPPORT BUILDING ROOF
PLAN (AREA D)**

Issued Date: 06/03/2015
Drawn By: ACW/JCC
Checked By: PJG/W

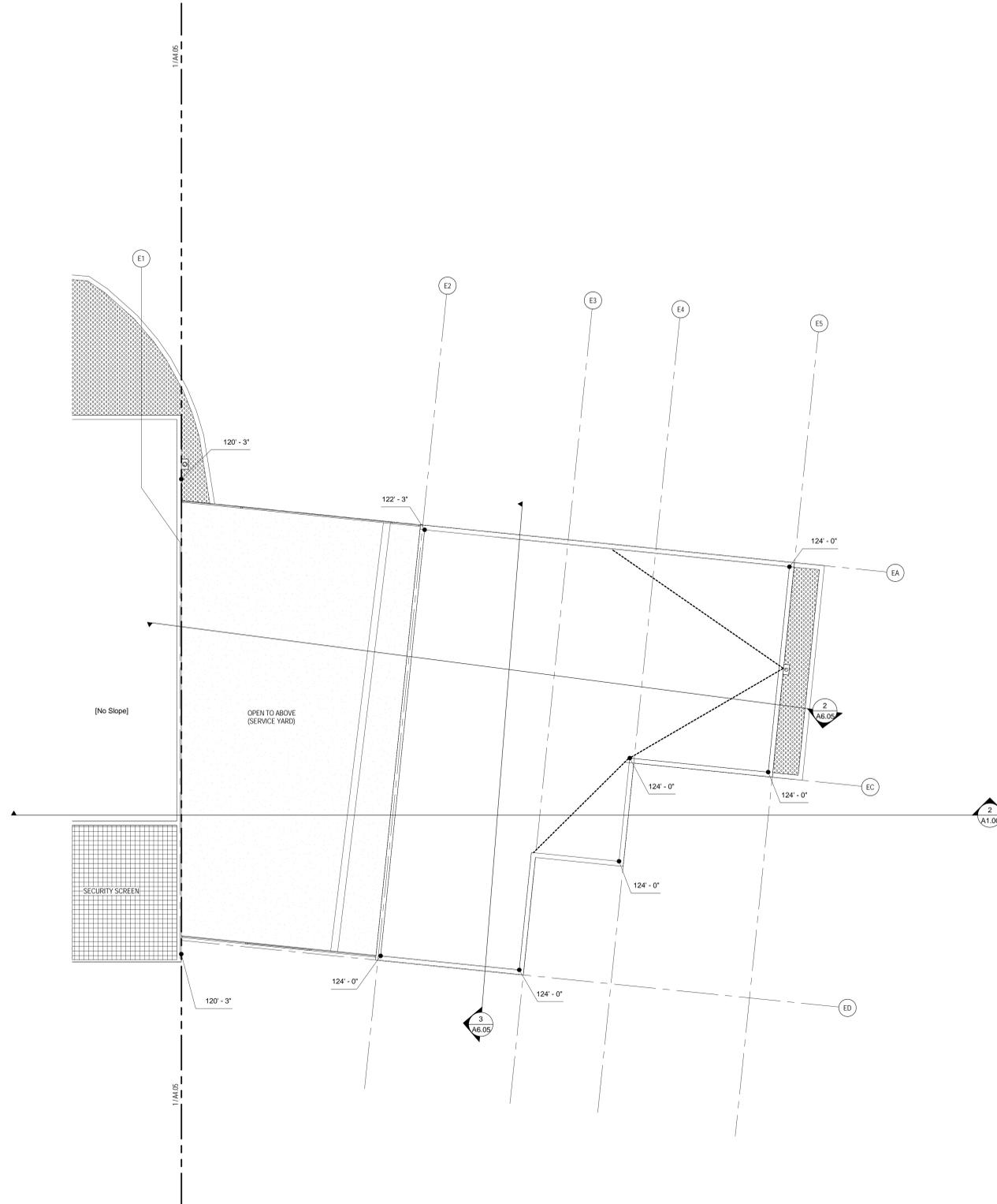
A4.05
Sheet No

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ROOF PLAN GENERAL NOTES:

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- B. MOST ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION. SHADED AREAS INDICATE TAPERED INSULATION. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4 INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- C. ALL ROOF CURBS TO BE A MINIMUM OF 8" ABOVE ROOFING LEVELS. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE APPROPRIATE DRAINAGE.
- D. SEE STRUCTURAL FOR FRAMING AROUND ROOF PENETRATIONS.
- E. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS SHEET.
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- G. NO ROOF PENETRATIONS ALLOWED WITHIN 5'-0" EACH SIDE OF 2-HOUR AREA SEPARATION WALL AND 2-HR FIREWALL. SEE CODE PLAN FOR WALL LOCATIONS.



1 SUPPORT BUILDING ROOF PLAN (AREA E)
SCALE: 1/8" = 1'-0"

Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION
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06/03/2015

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Los Angeles County
Department of Public Works
900 S. Fremont Ave.
Alhambra, California 91803

DLR Project No 75-15221-00

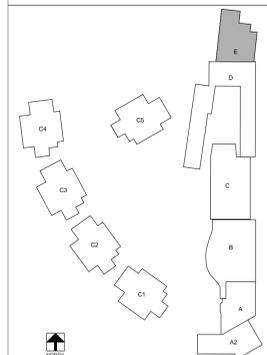
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PLAN (AREA E)**

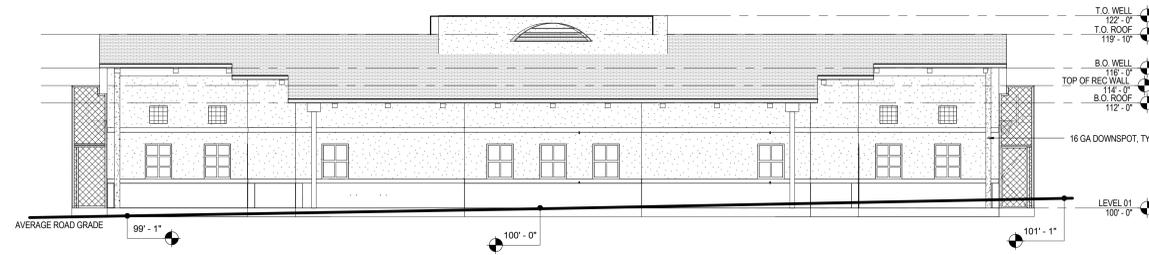
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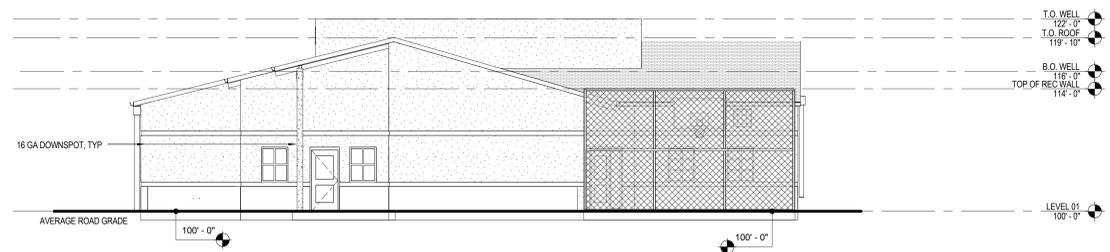
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KEY PLAN

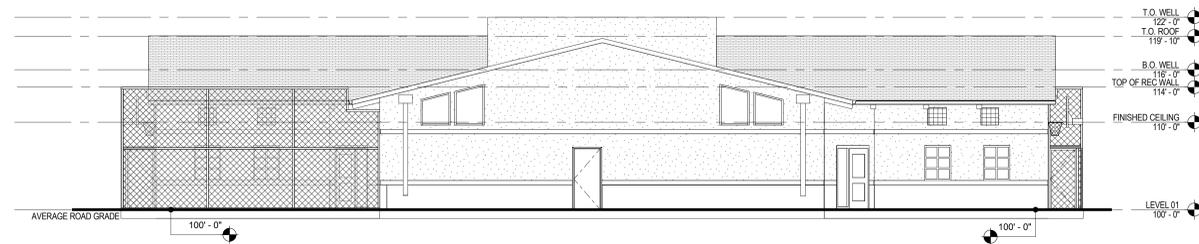




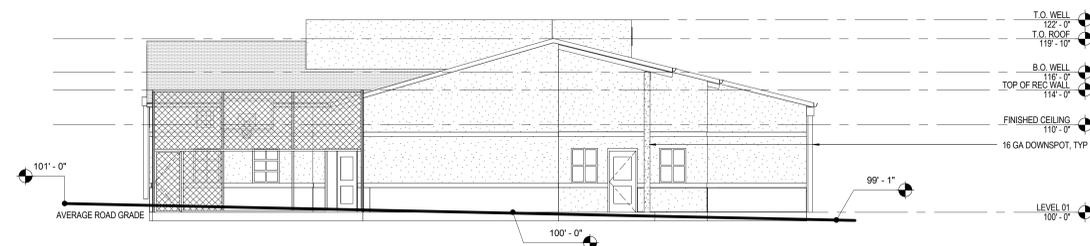
4 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 EAST ELEVATION
SCALE: 1/8" = 1'-0"



2 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



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

Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

**50% CONSTRUCTION
SUBMITTAL**
06/03/2015

**CAMPUS KILPATRICK
REPLACEMENT
PROJECT**

427 South Encinal Canyon Road
Malibu, CA 90265



Los Angeles County
Department of Public Works

900 S. Fremont Ave.
Alhambra, California 91803

DLR Project No 75-15221-00

**COTTAGE EXTERIOR
ELEVATIONS**

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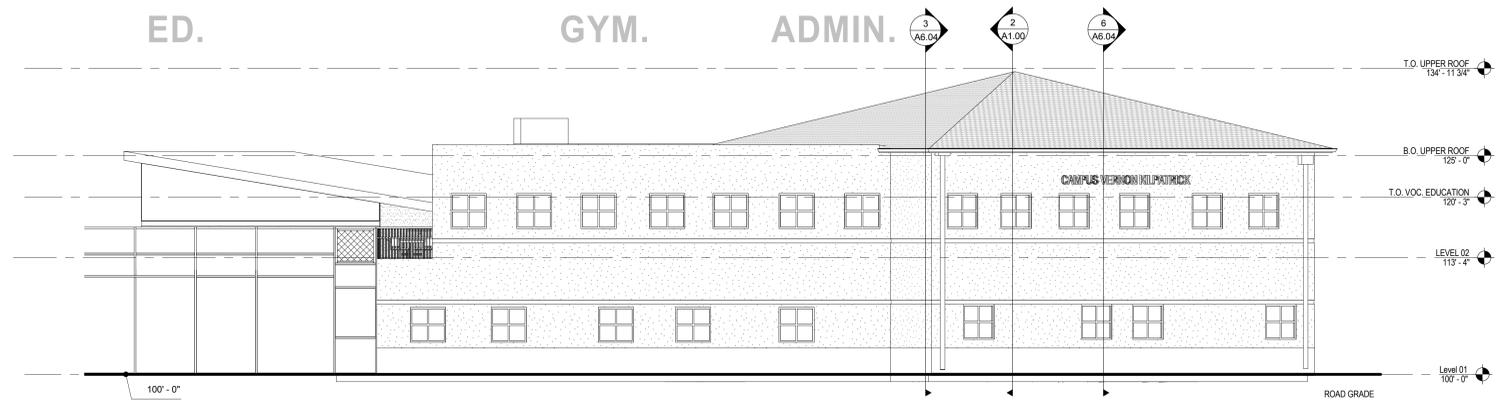
DLR Project No 75-15221-00

SUPPORT EXTERIOR
ELEVATIONS

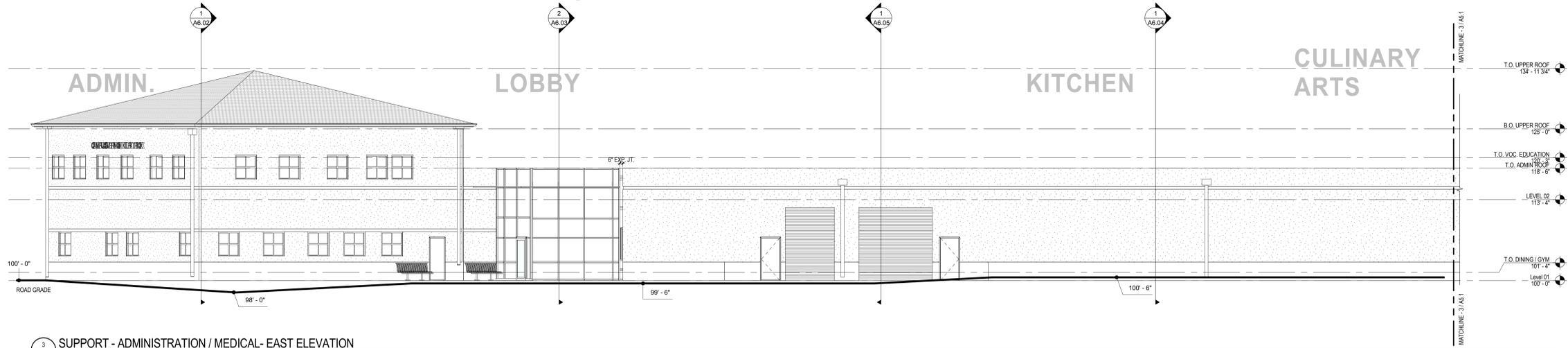
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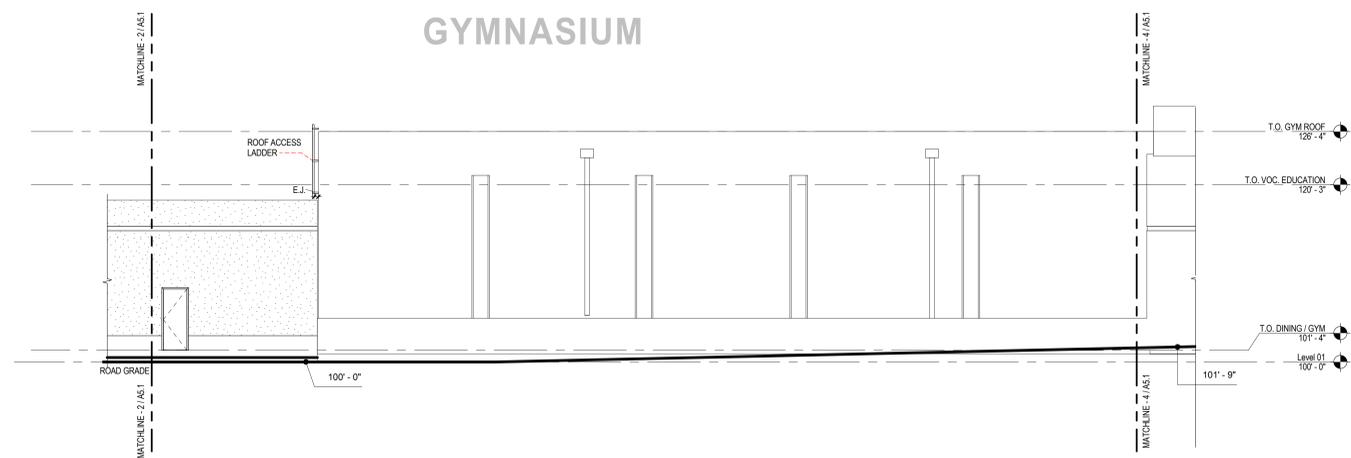
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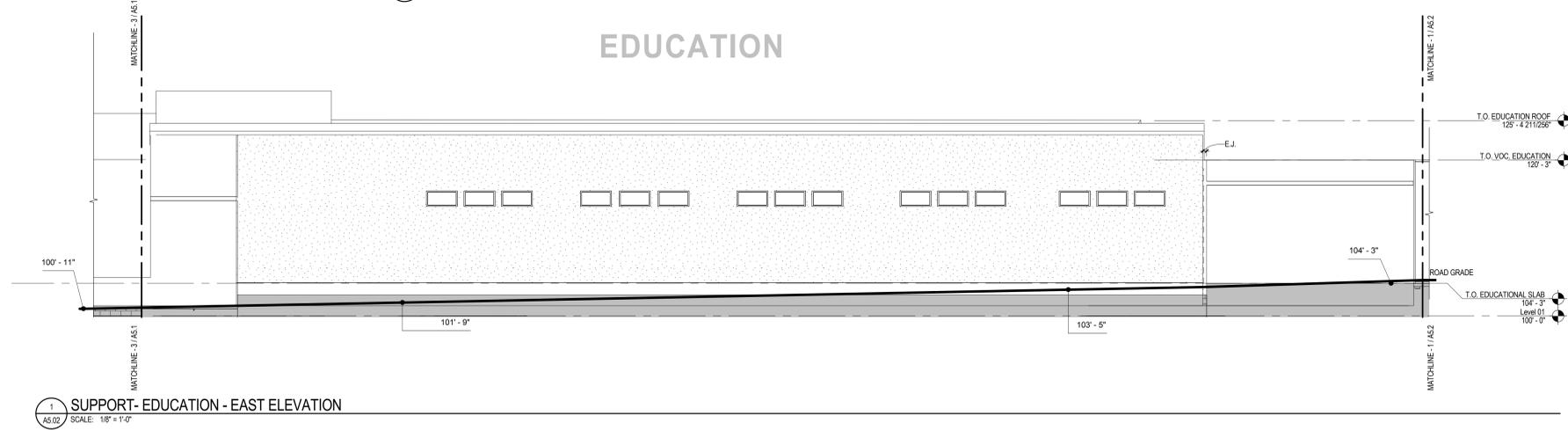
4 SUPPORT - ADMINISTRATION / MEDICAL - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 SUPPORT - ADMINISTRATION / MEDICAL - EAST ELEVATION
SCALE: 1/8" = 1'-0"



2 SUPPORT - GYMNASIUM - EAST ELEVATION
SCALE: 1/8" = 1'-0"



1 SUPPORT - EDUCATION - EAST ELEVATION
SCALE: 1/8" = 1'-0"

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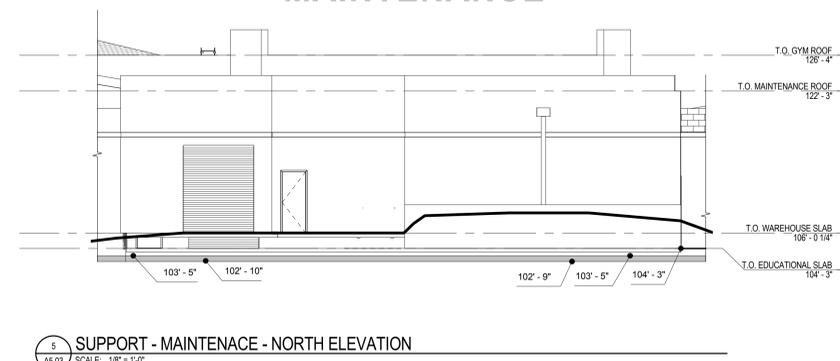
**SUPPORT EXTERIOR
ELEVATIONS**

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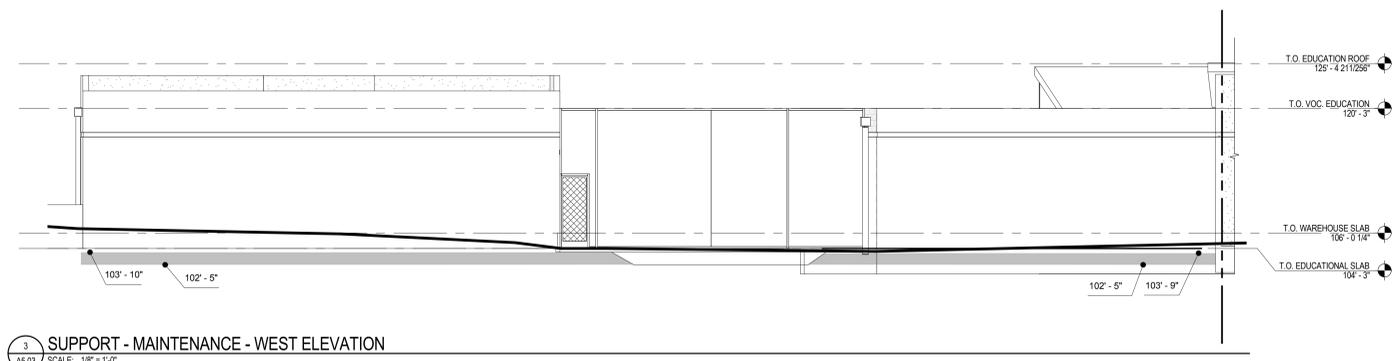
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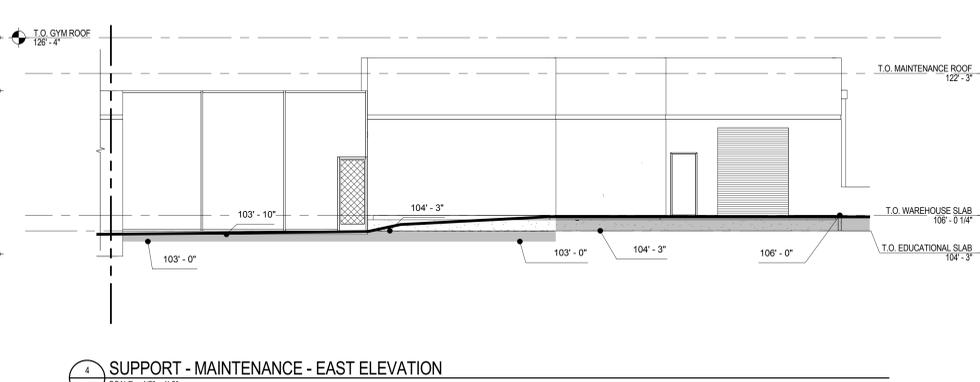
MAINTENANCE



5 SUPPORT - MAINTENANCE - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



3 SUPPORT - MAINTENANCE - WEST ELEVATION
SCALE: 1/8" = 1'-0"

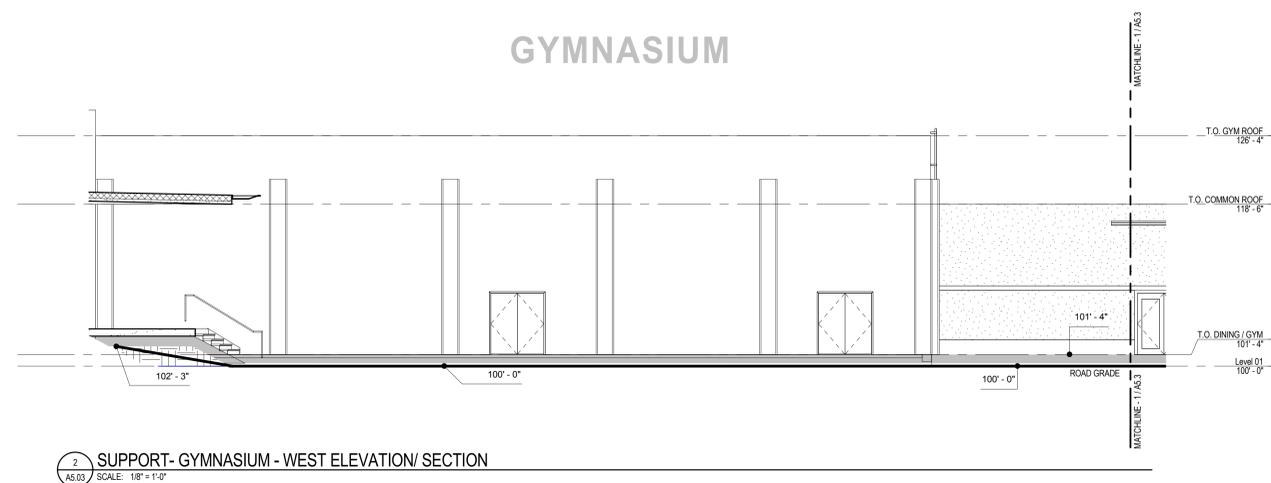


4 SUPPORT - MAINTENANCE - EAST ELEVATION
SCALE: 1/8" = 1'-0"



1 SUPPORT - EDUCATION - WEST ELEVATION
SCALE: 1/8" = 1'-0"

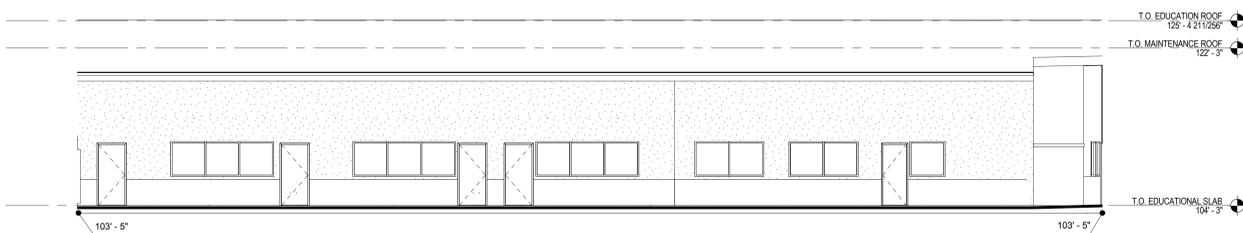
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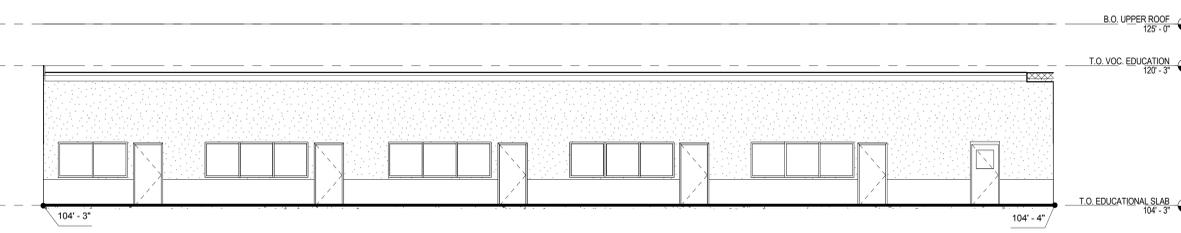
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SCALE: 1/8" = 1'-0"

EDUCATION CLASSROOMS

EDUCATION CLASSROOMS



5 COURTYARD WEST ELEVATION
AS.04 SCALE: 1/8" = 1'-0"



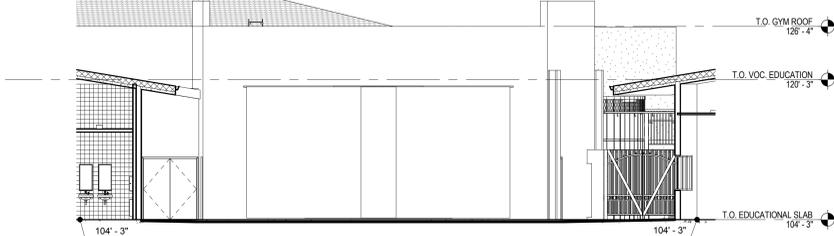
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AS.04 SCALE: 1/8" = 1'-0"

THEATER

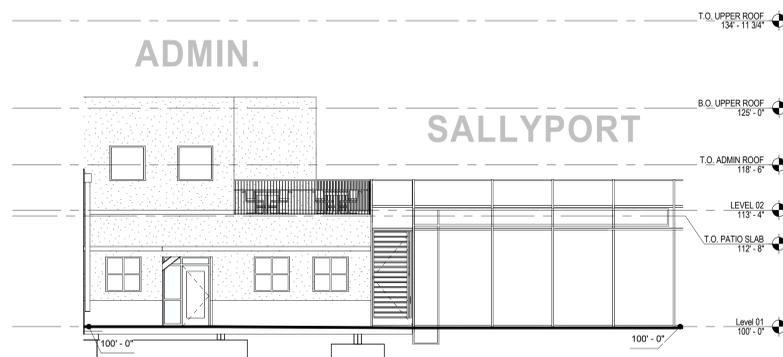
ADMIN.

SALLYPORT

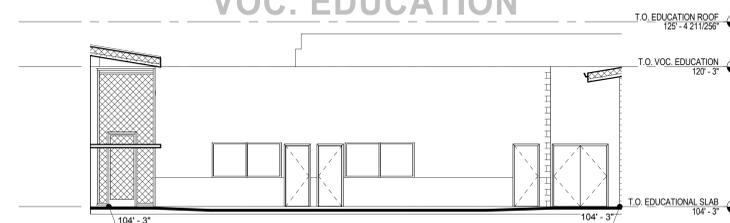
VOC. EDUCATION



3 SUPPORT - COURTYARD SOUTH ELEVATION / SECTION
AS.04 SCALE: 1/8" = 1'-0"



2 SUPPORT - ADMINISTRATION / MEDICAL - SOUTH ELEVATION
AS.04 SCALE: 1/8" = 1'-0"



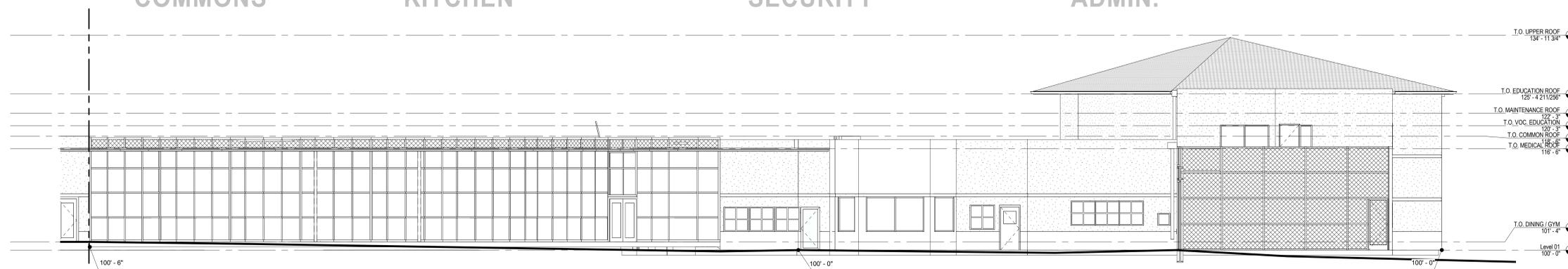
6 COURTYARD NORTH ELEVATION
AS.04 SCALE: 1/8" = 1'-0"

COMMONS

KITCHEN

SECURITY

ADMIN.



1 SUPPORT - ADMINISTRATION / MEDICAL - WEST ELEVATION
AS.04 SCALE: 1/8" = 1'-0"

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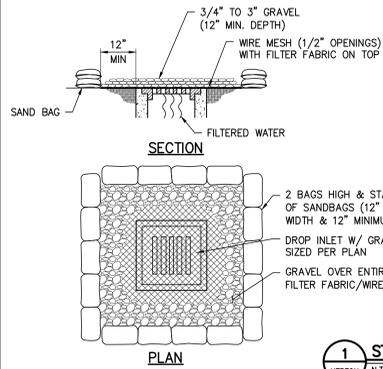
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SUPPORT EXTERIOR ELEVATIONS

Issued Date: 05/29/2015
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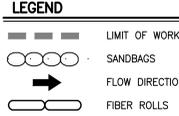
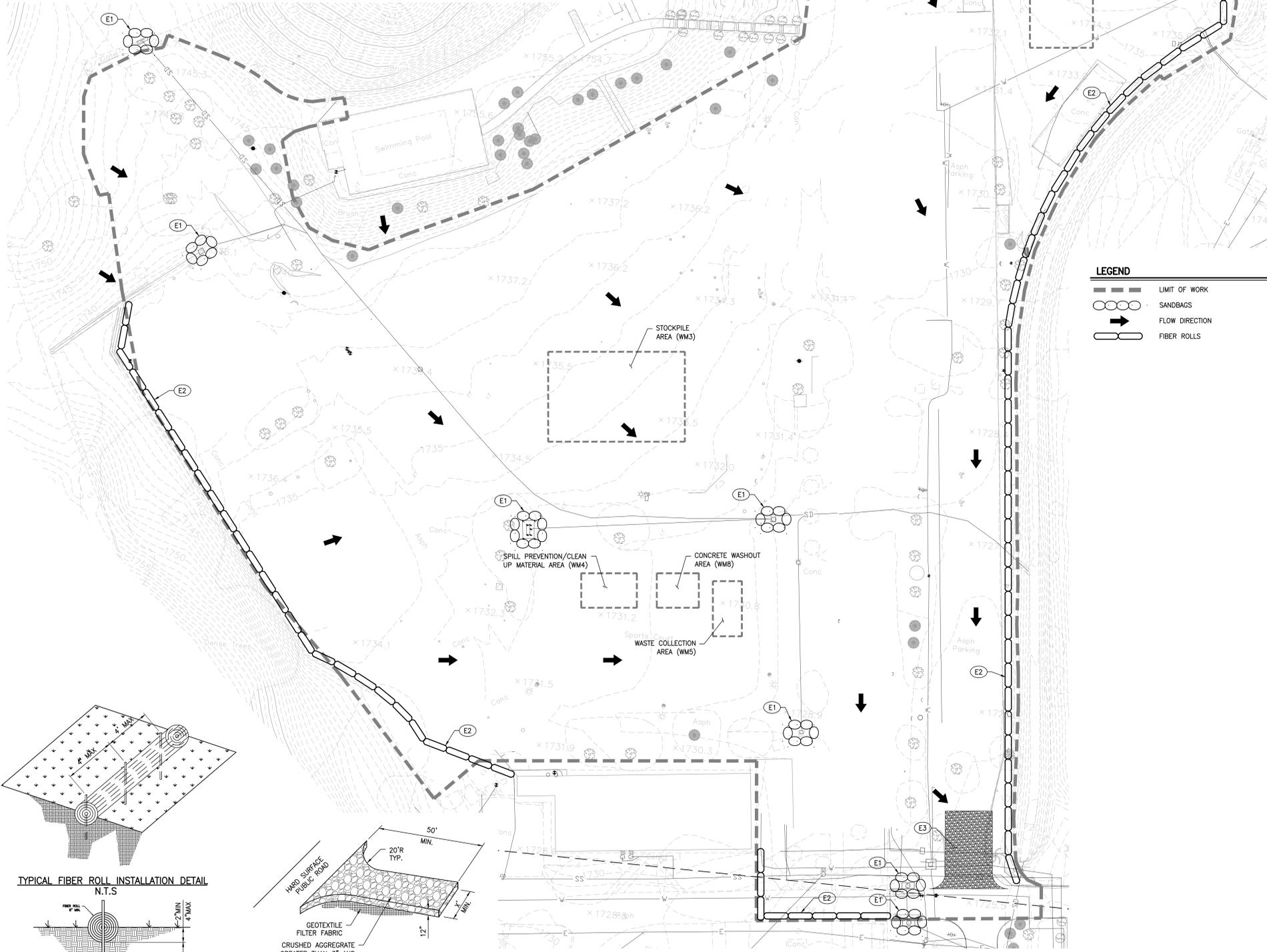
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NOTES:

1. PLACE WIRE MESH OVER AND 1' (MINIMUM) BEYOND THE INLET STRUCTURE. (MESH OPENINGS NOT TO EXCEED 1/2" x 1/2" WIRE)
2. PLACE FILTER FABRIC OVER WIRE MESH.
3. PLACE 3/4" TO 3" GRAVEL OVER THE FILTER FABRIC/WIRE MESH (12" MINIMUM DEPTH OVER THE ENTIRE INLET OPENING).
4. SAND BAG MATERIAL: POLYPROPYLENE, POLYETHYLENE OR POLYIMIDE WOVEN FABRIC. MINIMUM UNIT WEIGHT 4 OUNCES PER SQUARE YARD. MULLEN BURST STRENGTH EXCEEDING 300 PSI AND ULTRAVIOLET STABILITY EXCEEDING 70%.
5. SAND BAG SHALL BE FILLED WITH NON-COHESIVE, CLASS 1 OR CLASS 2 PERMEABLE MATERIAL FREE FROM CLAY AND DELETERIOUS MATERIAL.
6. PLACE SEVERAL LAYERS OF SAND BAGS (12" MINIMUM HIGH) OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER.
7. LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY.

1 STORM DRAIN INLET PROTECTION
HEREON N.T.S.



EROSION AND SEDIMENT CONTROL PLAN (ESCP) GENERAL NOTES:

1. IN CASE OF EMERGENCY, CALL (RESPONSIBLE PERSON) AT (24-HOUR TELEPHONE).
2. TOTAL DISTURBED AREA 6.3 ACRES, WDD # 419C371577
1. RISK LEVEL 1 ② 3 (CIRCLE ONE AS DETERMINED BY STATE GENERAL PERMIT FOR SITES GREATER THAN 1 ACRE)
3. A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
4. EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
5. GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
6. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
7. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
8. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
9. DESLTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15 OF THE FOLLOWING YEAR WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.
10. STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES, THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE BUILDING OFFICIAL.
11. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITES AT ALL TIMES.
12. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
13. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
14. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
15. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
16. DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 50% OR GREATER PROBABILITY OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF THE SELF-INSPECTION CHECK LIST AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST).
17. TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
18. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
19. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
20. AS THE ENGINEER/QSD OF RECORD, I HAVE SELECTED APPROPRIATE BMPs TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORM WATER QUALITY. THE PROJECT OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPs MUST BE INSTALLED, MONITORED, AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS.

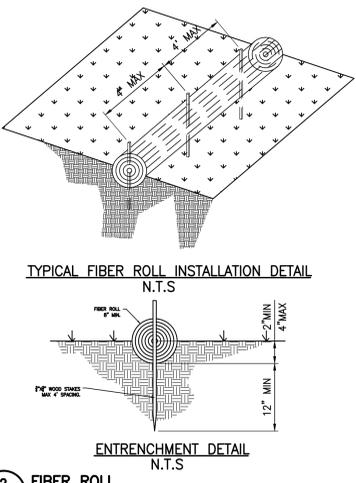
BMP NOTES:

THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA, JULY 2012, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTORS):

- | | |
|--|---|
| EROSION CONTROL | WIND EROSION CONTROL |
| EC1-SCHEDULING | WE1-WIND EROSION CONTROL |
| EC2-PRESERVATION OF EXISTING VEGETATION | |
| EC3-HYDRAULIC MULCH | NON-STORMWATER MANAGEMENT |
| EC4-HYDROSEEDING | NS1-WATER CONSERVATION PRACTICES |
| EC5-SOIL BINDERS | NS2-DEWATERING OPERATIONS |
| EC6-STRAW MULCH | NS3-PAVING AND GRINDING OPERATIONS |
| EC7-GEOTEXTILES AND MATS | NS4-TEMPORARY STREAM CROSSING |
| EC8-WOOD MULCHING | NS5-CLEAR WATER DIVERSION |
| EC9-EARTH DIKES AND DRAINAGE SWALES | NS6-ILLICIT CONNECTION/DISCHARGE |
| EC10-VELOCITY DISSIPATION DEVICES | NS7-POTABLE WATER/IRRIGATION |
| EC11-SLOPE DRAINS | NS8-VEHICLE AND EQUIPMENT CLEANING |
| EC12-STREAMBANK STABILIZATION | NS9-VEHICLE AND EQUIPMENT FUELING |
| EC13-RESERVED | NS10-VEHICLE AND EQUIPMENT MAINTENANCE |
| EC14-COMPOST BLANKET | NS11-PILE DRIVING OPERATIONS |
| EC15-SOIL PREPARATION/ROUGHENING | NS12-CONCRETE CURING |
| EC16-NON-VEGETATIVE STABILIZATION | NS13-CONCRETE FINISHING |
| | NS14-MATERIAL OVER WATER |
| | NS15-DEMOLITION ADJACENT TO WATER |
| | NS16-TEMPORARY BATCH PLANTS |
| TEMPORARY SEDIMENT CONTROL | WASTE MANAGEMENT & MATERIALS POLLUTION CONTROL |
| SE1-SILT FENCE | WM1-MATERIAL DELIVERY AND STORAGE |
| SE2-SEDIMENT BASIN | WM2-MATERIAL USE |
| SE3-SEDIMENT TRAP | WM3-STOCKPILE MANAGEMENT |
| SE4-CHECK DAM | WM4-SPILL PREVENTION AND CONTROL |
| SE5-FIBER ROLLS | WM5-SOLID WASTE MANAGEMENT |
| SE6-GRAVEL BAG BERM | WM6-HAZARDOUS WASTE MANAGEMENT |
| SE7-STREET SWEEPING AND VACUUMING | WM7-CONTAMINATED SOIL MANAGEMENT |
| SE8-SANDBAG BARRIER | WM8-CONCRETE WASTE MANAGEMENT |
| SE9-STRAW BALE BARRIER | WM9-SANITARY/SEPTIC WASTE MANAGEMENT |
| SE10-STORM DRAIN INLET PROTECTION | WM10-LIQUID WASTE MANAGEMENT |
| SE11-ACTIVE TREATMENT SYSTEMS | |
| SE12-MANUFACTURED SOIL MANAGEMENT CONTROLS | |
| SE13-COMPOST SOCKS AND BERMS | |
| SE14-BIOFILTER BAGS | |
| EQUIPMENT TRACKING CONTROL | |
| TC1-STABILIZED CONSTRUCTION ENTRANCE/EXIT | |
| TC2-STABILIZED CONSTRUCTION ROADWAY | |
| TC3-ENTRANCE/OUTLET TIRE WASH | |

EROSION CONTROL NOTES:

- ① PROVIDE INLET PROTECTION PER DETAIL 1, HEREON.
- ② FIBER ROLLS PER DETAIL 2, HEREON.
- ③ STABILIZED CONSTRUCTION ENTRANCE PER DETAIL 3, HEREON.



3 STABILIZED CONSTRUCTION ENTRANCE
HEREON N.T.S.

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6080 Center Dr., Suite 700
Los Angeles, CA 90045
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F: 310.665.9075
www.kpff.com

REGISTERED PROFESSIONAL ARCHITECT
No. 062028
Exp. 09/05
STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

A-03-113546
AC: _____ FL: _____ SS: _____
DATE: _____

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Revisions:

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06/03/2015

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CITY OF LOS ANGELES

Los Angeles County
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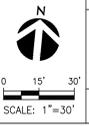
75-15221-00

EROSION CONTROL PLAN (SWPPP)

Issued Date: 05.29.2015
Drawn By: ST
Checked By: FL

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U@A



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GENERAL DEMOLITION NOTES:

1. CONTRACTOR TO CLEAR PROJECT SITE AREA WITHIN THE CONFINES OF THE DEMOLITION LIMIT LINE. THE CONTRACTOR SHALL DEMOLISH AND REMOVE FROM THE SITE ALL EXISTING UTILITIES, STRUCTURES, PLANTERS, TREES, AND ALL OTHER SITE FEATURES, UNLESS OTHERWISE NOTED ON THE PLAN.
2. REMOVAL OF LANDSCAPING SHALL INCLUDE ROOTS AND ORGANIC MATERIALS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS AND SHALL PAY ALL FEES NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION AND DISPOSAL OF SAID MATERIALS AS REQUIRED BY PRIVATE, LOCAL AND STATE JURISDICTIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY ACKNOWLEDGE THE EXTENT OF THE DEMOLITION WORK.
5. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE SHOWN FOR GENERAL INFORMATION ONLY.
6. DAMAGE TO ANY EXISTING UTILITIES AND SERVICES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
7. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS AND STREETS.
8. DUST CONTROL SHALL BE IMPLEMENTED DURING DEMOLITION.
9. DEMOLITION IS LIMITED TO WITHIN DEMOLITION LIMIT LINE UNLESS NOTED OTHERWISE.
10. THE CONTRACTOR SHALL VERIFY THE LOCATION AND QUANTITY OF EXISTING SURFACE STRUCTURES AND SHALL BE SOLELY RESPONSIBLE FOR ANY UNIDENTIFIED UTILITIES, IMPROVEMENTS, TREES, ETC. TO BE DEMOLISHED AND REMOVED WITHIN THE DEMOLITION LIMIT LINE, INCLUDING APPURTENANT FOUNDATIONS OR SUPPORTS.
11. DEMOLITION CALLOUTS IN THIS SECTION ARE REPRESENTATIVE OF WHAT IS TO BE DONE, NOT AN ITEMIZED ACCOUNTING FOR EACH PIPE, CATCH BASIN, MANHOLE, VAULT, ETC. THAT IS TO BE DEMOLISHED, REMOVED AND DISPOSED OF.

DEMOLITION NOTES

- PROTECT-IN-PLACE**
- 1 PROTECT IN PLACE EXISTING HIGH MAST LIGHT POLE.
 - 2 PROTECT IN PLACE EXISTING INLET.
 - 3 RELOCATE EXISTING WATER VAULT.
 - 4 PROTECT IN PLACE EXISTING FIRE HYDRANT.
 - 5 PROTECT IN PLACE EXISTING SECURITY FENCE.
 - 6 PROTECT IN PLACE EXISTING FENCE.
 - 7 PROTECT IN PLACE EXISTING CONCRETE CHANNEL.
 - 8 PROTECT IN PLACE EXISTING TREE.
 - 9 PROTECT IN PLACE EXISTING BUILDING.
 - 10 PROTECT IN PLACE EXISTING SIDEWALK.
 - 11 PROTECT IN PLACE EXISTING STAIRS.
 - 12 PROTECT IN PLACE EXISTING STORM DRAIN.
 - 13 RELOCATE EXISTING GAS VAULT.
 - 14 RELOCATE EXISTING GAS LINE.

- REMOVE & DEMOLISH**
- 1 REMOVE AND DEMOLISH EXISTING STORM DRAIN INLET.
 - 2 REMOVE AND DEMOLISH EXISTING FIRE HYDRANT.
 - 3 REMOVE AND DEMOLISH EXISTING STORM DRAIN LINE.
 - 4 REMOVE AND DEMOLISH EXISTING CATCH BASIN.
 - 5 REMOVE EXISTING TRANSITE WATER LINE.

LEGEND:

--- LIMIT OF WORK

NOTE: THIS DEMOLITION PLAN IS BASED ON SITE ELEMENTS REMAINING AFTER THE CONSTRUCTION OF THE 'CAMP VERNON KILPATRICK REPLACEMENT PROJECT MAKE-READY PACKAGE' DATED 5/27/14 BY OTHERS. CONTRACTOR TO VERIFY AND CONFIRM SITE CONDITIONS AFTER MAKE-READY PACKAGE CONSTRUCTION AND REPORT DISCREPANCIES TO ARCHITECT/ENGINEER TEAM.



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IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 A-03-113546
 AC: _____ FL: _____ SS: _____
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Public Agency Submittal:
 Issued for Bidding:
 Issued for Construction:

Revisions:

50% CONSTRUCTION
 SUBMITTAL
 06/03/2015

**CAMPUS
 KILPATRICK
 REPLACEMENT
 PROJECT**

427 South Encinal Canyon Road
 Malibu, CA 90265



Los Angeles County
 Department of Public Works
 900 S. Fremont Ave.
 Alhambra, California 91803

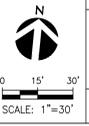
05/29/2015 75-15221-00

DEMOLITION PLAN

Issued Date: 05.29.2015
 Drawn By: ST
 Checked By: FL

C1.30

U@A





SOILS ENGINEER AND GEOLOGIST STATEMENT:

GENERAL INFORMATION
 GRADING PERMIT APPLICATION NO. TBD
 EARTHWORK VOLUMES CUT 4,500 CY, FILL 9,000 CY
 OVER EXCAVATION/ALLUVIAL REMOVAL & COMPACTION 12,900 CY
 IMPORT 4,500 CY, IMPORT LOCATION: TBD
 TOTAL DISTURBED AREA 6.3 ACRES
 TOTAL PROPOSED LANDSCAPE AREA 63,999.80 SF
 PRE-DEVELOPMENT IMPERVIOUS AREA 2.51 ACRES
 POST-DEVELOPMENT IMPERVIOUS AREA 4.3 ACRES
 WASTE DISCHARGE IDENTIFICATION NUMBER (WDID #) TBD
 CONSTRUCTION & DEMOLITION DEBRIS RECYCLING AND REUSE PLAN (RPP ID) TBD

LEGEND:

- PROPOSED BUILDING (PAD BOUNDARY)
- REMOVAL AND RECOMPACTION LIMIT
- 1:1 ▽ EXCAVATION SLOPE



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 Architecture Engineering Planning Interiors
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 F 310.453.9432
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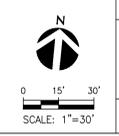
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 Malibu, CA 90265

Los Angeles County
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 Alhambra, California 91803

75-15221-00

**ROUGH GRADING
 PLAN**
 Issued Date: 05.29.2015
 Drawn By: ST
 Checked By: FL

C2.00
 U&A



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- LEGEND:**
- LIMIT OF WORK
 - XXX CONTOUR
 - RETAINING WALL (SEE DETAIL X, SHEET C5.X FOR DETAILS)
 - - - CUT/FILL LINE
 - PROPOSED BUILDING
 - ▨ PLANTER AREA/LANDSCAPE (REFER TO LANDSCAPING PLANS FOR DETAILS)

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Malibu, CA 90265



Los Angeles County
Department of Public Works
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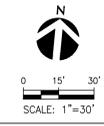
05/29/2015 75-15221-00

OVERALL GRADING
PLAN & DRAINAGE
PLAN

Issued Date: 05.29.2015
Drawn By: ST
Checked By: FL

C2.10

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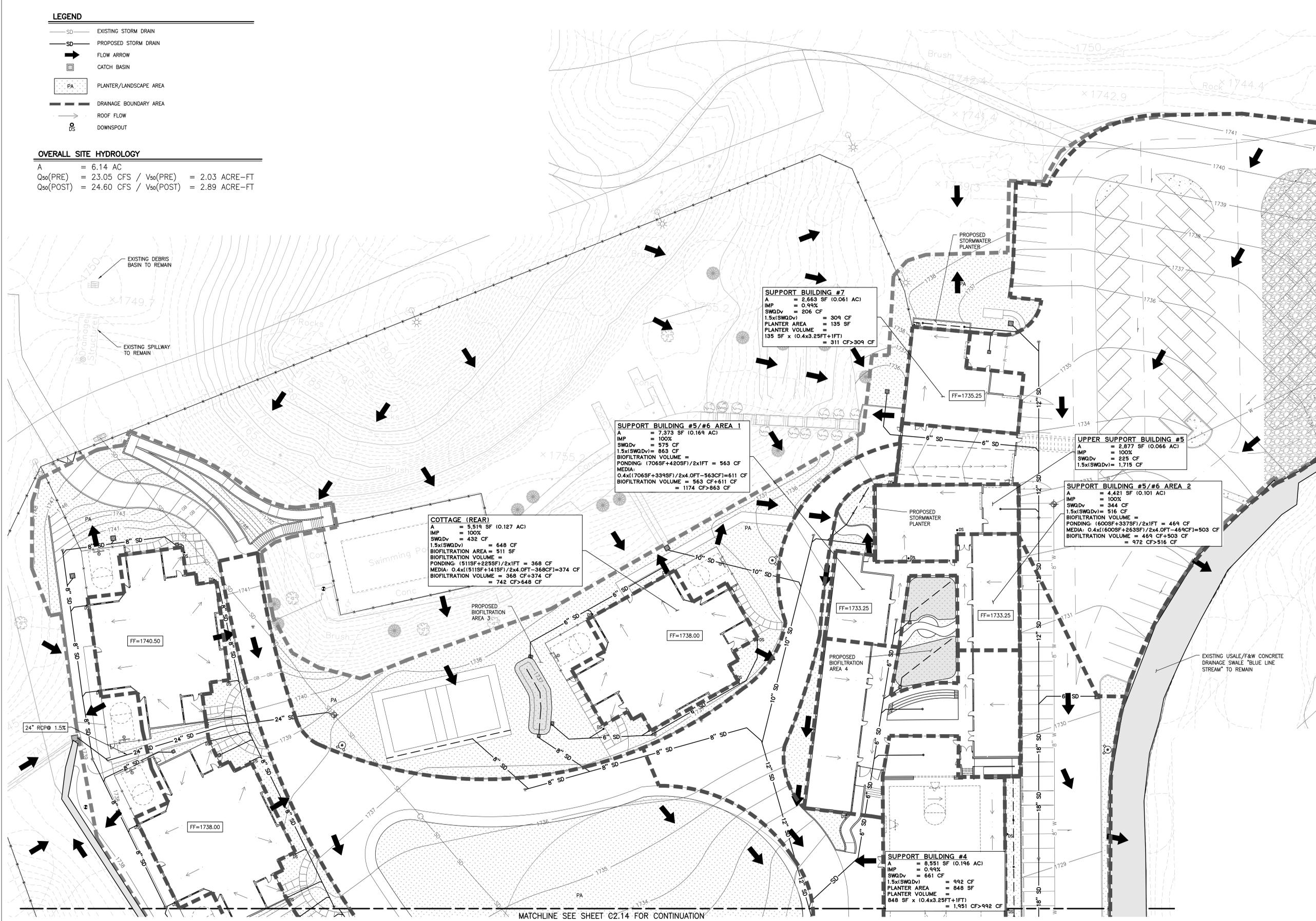


LEGEND

- SD — EXISTING STORM DRAIN
- SD — PROPOSED STORM DRAIN
- FLOW ARROW
- ☐ CATCH BASIN
- PA PLANTER/LANDSCAPE AREA
- DRAINAGE BOUNDARY AREA
- ROOF FLOW
- DS DOWNSPOUT

OVERALL SITE HYDROLOGY

A = 6.14 AC
 Q₅₀(PRE) = 23.05 CFS / V₅₀(PRE) = 2.03 ACRE-FT
 Q₅₀(POST) = 24.60 CFS / V₅₀(POST) = 2.89 ACRE-FT



MATCHLINE SEE SHEET C2.14 FOR CONTINUATION



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427 South Encinal Canyon Road
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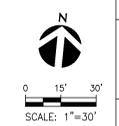
OSU/ILP & SA 75-15221-00

LID PLAN - NORTH

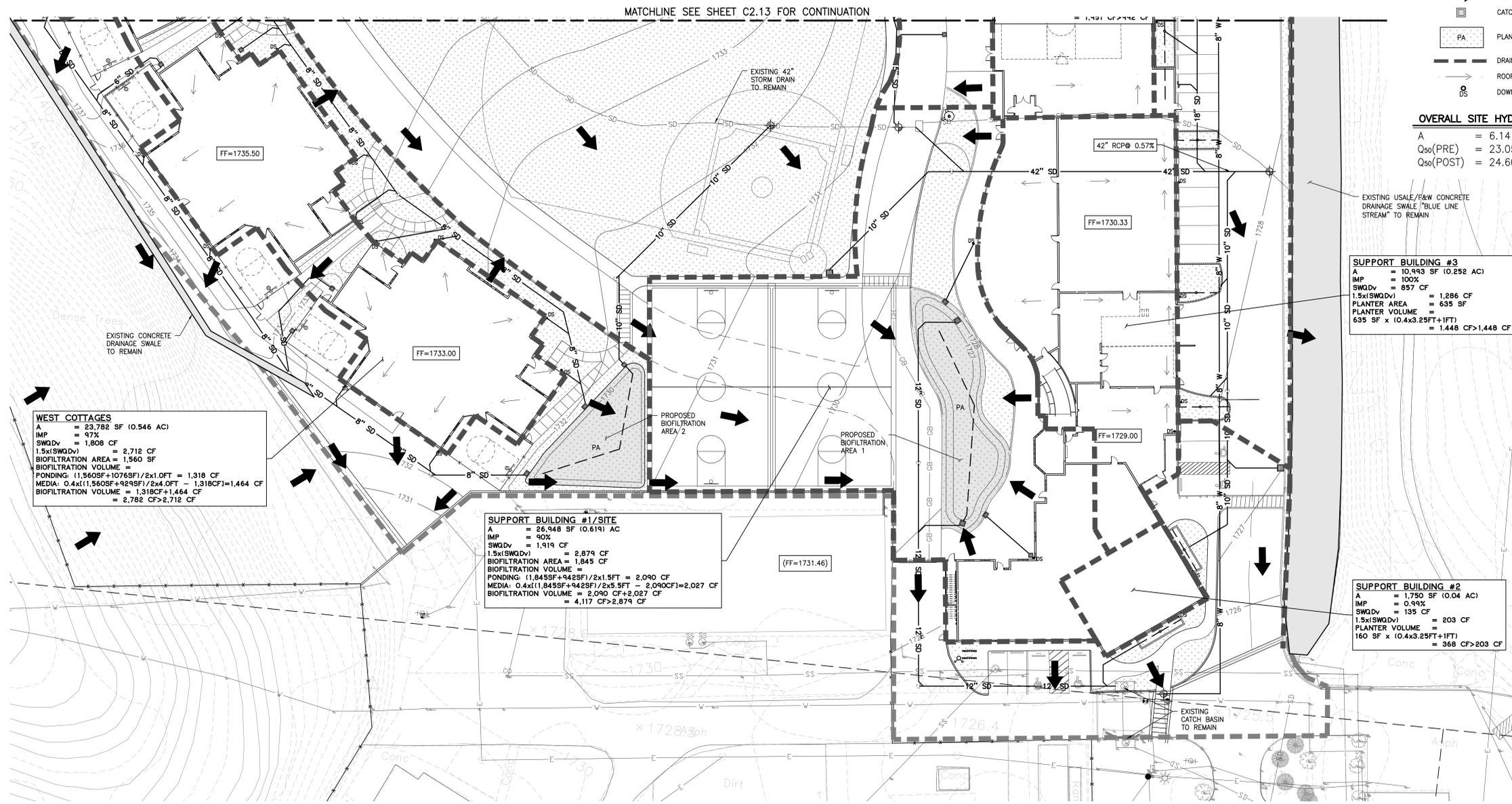
Issued Date: 05.29.2015
 Drawn By: ST
 Checked By: FL

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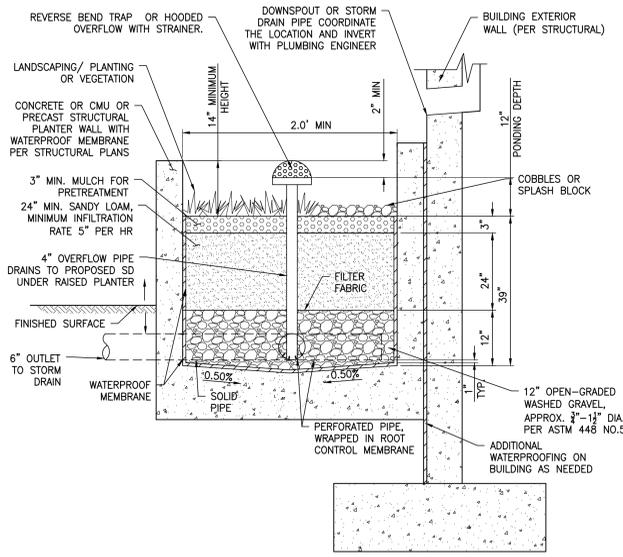
- LEGEND**
- SD — EXISTING STORM DRAIN
 - SD — PROPOSED STORM DRAIN
 - FLOW ARROW
 - ☐ CATCH BASIN
 - PA PLANTER/LANDSCAPE AREA
 - DRAINAGE BOUNDARY AREA
 - ROOF FLOW
 - ⊙ DOWNSPOUT
- OVERALL SITE HYDROLOGY**
- A = 6.14 AC
 Q₅₀(PRE) = 23.05 CFS / V₅₀(PRE) = 2.03 ACRE-FT
 Q₅₀(POST) = 24.60 CFS / V₅₀(POST) = 2.89 ACRE-FT

WEST COTTAGES
 A = 23,782 SF (0.546 AC)
 IMP = 97%
 SWQDv = 1,808 CF
 1.5x(SWQDv) = 2,712 CF
 BIOFILTRATION AREA = 1,560 SF
 BIOFILTRATION VOLUME =
 PONDING: (1,560SF+1076SF)/2x1.0FT = 1,318 CF
 MEDIA: 0.4x(1,560SF+929SF)/2x4.0FT = 1,318CF=1,464 CF
 BIOFILTRATION VOLUME = 1,318CF+1,464 CF
 = 2,782 CF>2,712 CF

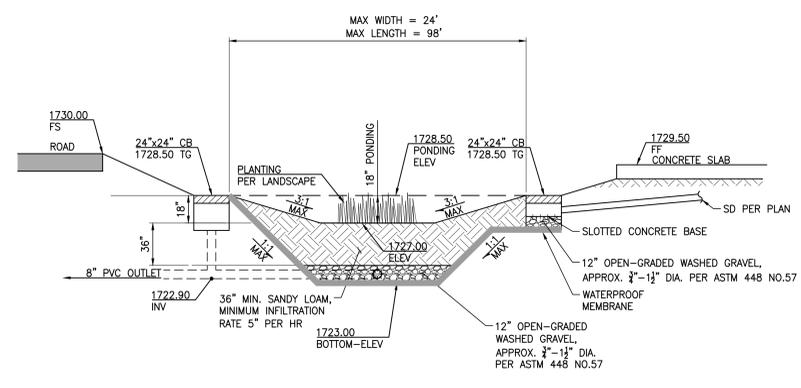
SUPPORT BUILDING #1/SITE
 A = 26,948 SF (0.619) AC
 IMP = 90%
 SWQDv = 1,919 CF
 1.5x(SWQDv) = 2,879 CF
 BIOFILTRATION AREA = 1,845 SF
 BIOFILTRATION VOLUME =
 PONDING: (1,845SF+942SF)/2x1.5FT = 2,090 CF
 MEDIA: 0.4x(1,845SF+942SF)/2x5.5FT = 2,090CF=2,027 CF
 BIOFILTRATION VOLUME = 2,090 CF+2,027 CF
 = 4,117 CF>2,879 CF

SUPPORT BUILDING #3
 A = 10,993 SF (0.252 AC)
 IMP = 100%
 SWQDv = 857 CF
 1.5x(SWQDv) = 1,286 CF
 PLANTER AREA = 635 SF
 PLANTER VOLUME =
 635 SF x (0.4x3.25FT+1FT)
 = 1,448 CF>1,286 CF

SUPPORT BUILDING #2
 A = 1,750 SF (0.04 AC)
 IMP = 0.99%
 SWQDv = 135 CF
 1.5x(SWQDv) = 203 CF
 PLANTER VOLUME =
 160 SF x (0.4x3.25FT+1FT)
 = 368 CF>203 CF



PLANTER BOX DETAIL
 SCALE: N.T.S.



BIOFILTRATION AREA - 1
 SCALE: N.T.S.

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**CAMPUS
 KILPATRICK
 REPLACEMENT
 PROJECT**

427 South Encinal Canyon Road
 Malibu, CA 90265

LOS ANGELES COUNTY
 DEPARTMENT OF PUBLIC WORKS

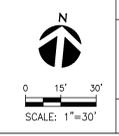
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Issue No: 75-15221-00

LID PLAN - SOUTH

Issue Date: 05.29.2015
 Drawn By: ST
 Checked By: FL

C2.14
 U@A



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- LEGEND:**
- LIMIT OF WORK
 - DW — PROPOSED DOMESTIC WATER LINE
 - FW — PROPOSED FIRE WATER LINE
 - SS — PROPOSED SEWER LINE
 - - - DW - - - EXISTING DOMESTIC WATER LINE
 - - - SS - - - EXISTING SEWER LINE

- NOTES:**
- ALL REQUIRED CLEANOUTS SHALL BE INSTALLED AS PER SECTION 719.0 OF THE PLUMBING CODE.
 - NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE PLUMBING CODE.

OVERALL WATER LOADS	FIXTURE UNITS	SYSTEM DEMAND (GPM)
EX. CAMP KILPATRICK (DEMOLISHED) FROM COUNTY OF LA SANTA MONICA BOYS PROBATION CAMP RECORD DRAWINGS DATED OCTOBER 1960	365	
EX. CAMP MILLER (TO REMAIN) FROM COUNTY OF LA SANTA MONICA BOYS PROBATION CAMP RECORD DRAWINGS DATED OCTOBER 1960 (SEE PLAN FOR BREAKDOWN PER BUILDING)	264	
TOTAL COMBINED EX. CAMP KILPATRICK AND EX. CAMP MILLER LOADS	629	
PROPOSED CAMP KILPATRICK (SEE FIXTURE LOAD CALCS FOR BREAKDOWN PER BUILDING)	988	
TOTAL COMBINED CAMP KILPATRICK AND EX. CAMP MILLER PROPOSED LOADS	1252	240

SANITARY SEWER LOADS	FIXTURE UNITS	SYSTEM DEMAND (GPM)
EX. CAMP KILPATRICK (DEMOLISHED) FROM COUNTY OF LA SANTA MONICA BOYS PROBATION CAMP RECORD DRAWINGS DATED OCTOBER 1960	324	
EX. CAMP MILLER (TO REMAIN) FROM COUNTY OF LA SANTA MONICA BOYS PROBATION CAMP RECORD DRAWINGS DATED OCTOBER 1960 (SEE PLAN FOR BREAKDOWN PER BUILDING)	238*	
TOTAL COMBINED EX. CAMP KILPATRICK AND EX. CAMP MILLER LOADS FOR EX. 8" VCP @ 0.4%	562	
PROPOSED CAMP KILPATRICK (SEE FIXTURE LOAD CALCS FOR BREAKDOWN PER BUILDING)	742	
TOTAL COMBINED CAMP KILPATRICK AND EX. CAMP MILLER PROPOSED LOADS FOR 8" VCP @ 0.4%	980	
SYSTEM CAPACITY FOR 8" VCP @ 0.4%	1335	FROM TABLE C 5.3, 2013 CA PLUMBING CODE

*INCLUDES EXISTING KITCHEN AND DINING HALL TO REMAIN A PART OF CAMP MILLER OPERATION.

COLD WATER DESIGN CALCULATIONS FROM STREET MAIN TO COTTAGE #1		
(A) PRESSURE AVAILABLE AT MAIN (FROM FH FLOW TEST):		60 P.S.I.
(B) PRESSURE LOSS THROUGH 6" BACKFLOW PREVENTOR:		5.0 P.S.I.
(C) PRESSURE LOSS FROM 6" PIPE @ 75FT FROM MAIN TO ADMIN SOUTH: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 742 WSFU=178 GPM)		0.10 P.S.I.
(D) PRESSURE LOSS DUE TO ELEVATION:		0.87 P.S.I.
(E) PRESSURE AVAILABLE AT ADMIN SOUTH:		54.06 P.S.I.
(C) PRESSURE LOSS FROM 6" PIPE @ 105FT FROM ADMIN SOUTH TO TEE: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 638 WSFU=164 GPM)		0.12 P.S.I.
(D) PRESSURE LOSS DUE TO ELEVATION:		0.65 P.S.I.
(E) PRESSURE AVAILABLE AT TEE:		53.29 P.S.I.
(C) PRESSURE LOSS FROM 4" PIPE @ 211FT FROM TEE TO COTTAGE #4: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 324 WSFU=115 GPM)		0.87 P.S.I.
(D) PRESSURE LOSS DUE TO ELEVATION:		1.52 P.S.I.
(E) PRESSURE AVAILABLE AT COTTAGE #4:		50.90 P.S.I.
(F) PRESSURE LOSS FROM 8" PIPE @ 110FT FROM COTTAGE #4 TO COTTAGE #3: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 243 WSFU=98 GPM)		0.34 P.S.I.
(C) PRESSURE LOSS DUE TO ELEVATION:		1.08 P.S.I.
(H) PRESSURE AVAILABLE AT COTTAGE #3:		49.48 P.S.I.
(I) PRESSURE LOSS FROM 8" PIPE @ 115FT FROM COTTAGE #3 TO COTTAGE #2: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 162 WSFU=82 GPM)		0.25 P.S.I.
(J) PRESSURE LOSS DUE TO ELEVATION:		1.08 P.S.I.
(K) PRESSURE AVAILABLE AT COTTAGE #2:		48.15 P.S.I.
(L) PRESSURE LOSS FROM 8" PIPE @ 107FT FROM COTTAGE #2 TO COTTAGE #1: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 81 WSFU=62 GPM)		0.14 P.S.I.
(M) PRESSURE LOSS DUE TO ELEVATION:		1.30 P.S.I.
(N) PRESSURE AVAILABLE AT COTTAGE #1:		46.71 P.S.I.

COLD WATER DESIGN CALCULATIONS FROM TEE TO MAINTENANCE BLDG.		
(A) PRESSURE AVAILABLE AT TEE:		53.29 P.S.I.
(F) PRESSURE LOSS FROM 4" PIPE @ 148FT FROM TEE TO GYM: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 314 WSFU=110 GPM)		0.57 P.S.I.
(C) PRESSURE LOSS DUE TO ELEVATION:		0.43 P.S.I.
(H) PRESSURE AVAILABLE AT GYM:		52.29 P.S.I.
(I) PRESSURE LOSS FROM 4" PIPE @ 92FT FROM GYM TO TEE: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 171 WSFU=84 GPM)		0.21 P.S.I.
(J) PRESSURE LOSS DUE TO ELEVATION:		2.51 P.S.I.
(K) PRESSURE AVAILABLE AT TEE:		49.57 P.S.I.
(L) PRESSURE LOSS FROM 4" PIPE @ 36FT FROM TEE TO COTTAGE #5: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 171 WSFU=84 GPM)		0.08 P.S.I.
(M) PRESSURE LOSS DUE TO ELEVATION:		0.43 P.S.I.
(N) PRESSURE AVAILABLE AT COTTAGE #5:		49.06 P.S.I.
(O) PRESSURE LOSS FROM 4" PIPE @ 101FT FROM COTTAGE #5 TO ADMIN. NORTH: (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 90 WSFU=64 GPM)		0.14 P.S.I.
(P) PRESSURE GAINED DUE TO ELEVATION:		0.22 P.S.I.
(Q) PRESSURE AVAILABLE AT ADMIN. NORTH:		49.14 P.S.I.
(R) PRESSURE LOSS FROM 4" PIPE @ 110FT FROM ADMIN. NORTH TO MAINTENANCE BLDG. (+ EQ. LENGTH FOR FITTINGS 25%), (DEMAND: 27 WSFU=40 GPM)		0.07 P.S.I.
(S) PRESSURE LOSS DUE TO ELEVATION:		0.22 P.S.I.
(T) PRESSURE AVAILABLE AT MAINTENANCE BLDG:		48.85 P.S.I.

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CITY OF LOS ANGELES
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CAMPUS KILPATRICK REPLACEMENT PROJECT

427 South Encinal Canyon Road
Malibu, CA 90265

CITY OF LOS ANGELES

Los Angeles County
Department of Public Works

900 S. Fremont Ave.
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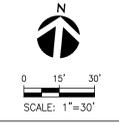
OVERALL SITE UTILITY PLAN

Issued Date: 05.29.2015
Drawn By: ST
Checked By: FL

C3.00

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ZONE "A" PLANTING LEGEND:

ALL PLANTING LISTED ARE IN CONFORMANCE WITH THE PLANTS NATIVE TO SANTA MONICA MOUNTAINS & LACO FIRE APPROVED PLANT LIST AND MATCHED WITH ZONES PROVIDED BY THE COUNTY OF LOS ANGELES FUEL MODIFICATION GUIDELINES-REV2011.

FFM ZONE	SSM	SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY.	SPACING	AVERAGE MATURE HEIGHT / WIDTH	NATIVE	DROUGHT TOLERANT	REMARKS	PLANT FACTOR	TREE CANOPY SETBACK FEET AWAY FROM BLDG.	DETAIL
TREES													
A	-		ARBUTUS UNEDO STRAWBERRY TREE	24" BOX	TBD	PER PLAN	12'-35' H 20-30' W	N	Y	EVERGREEN, FULL SUN, STANDARD TRUNK	LOW .2	10'	1, L3.03
A	-		CERCIS OCCIDENTALIS WESTERN REDBUD	36" BOX	TBD	PER PLAN	20' H x W	Y	Y	DECIDUOUS, SINGLE TRUNK, FULL SUN, LIGHT SHADE	LOW .2	10'	2, L3.03

FFM ZONE	SSM	SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY.	SPACING	AVERAGE MATURE HEIGHT / WIDTH	NATIVE	DROUGHT TOLERANT	REMARKS	PLANT FACTOR	TREE CANOPY SETBACK FEET AWAY FROM BLDG.	DETAIL
SHRUBS													
A	**		MUHLENBERGIA RIGENS DEER GRASS	5 GAL	TBD	4' O.C.	4' H x W	Y	Y	EVERGREEN	LOW .2	2'	5, L3.03
A	**		PENSTEMON SPECTABILIS ROYAL PENSTEMON	5 GAL	TBD	3' O.C.	3' H x W	Y	Y	EVERGREEN	LOW .2	2'	5, L3.03
A	**		ROSA CALIFORNICA CALIFORNIA NATIVE ROSE	5 GAL	TBD	5' O.C.	5' H x W	Y	Y	EVERGREEN	LOW .2	2'	5, L3.03
GROUND COVER													
A	-		PORTULACARIA A. PROSTRATA DWARF ELEPHANT FOOD	1 GAL	TBD	2' O.C.	6"-10" H 4'-6" W	N	Y	EVERGREEN	LOW .2	2'	3, L3.03
			HERB GARDEN BY OTHERS										

ZONE "B" PLANTING LEGEND:

ALL PLANTING LISTED ARE IN CONFORMANCE WITH THE PLANTS NATIVE TO SANTA MONICA MOUNTAINS & LACO FIRE APPROVED PLANT LIST AND MATCHED WITH ZONES PROVIDED BY THE COUNTY OF LOS ANGELES FUEL MODIFICATION GUIDELINES-REV2011.

FFM ZONE	SSM	SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY.	SPACING	AVERAGE MATURE HEIGHT / WIDTH	NATIVE	DROUGHT TOLERANT	REMARKS	PLANT FACTOR	TREE CANOPY SETBACK FEET AWAY FROM BLDG.	DETAIL
TREES													
B	-		ARBUTUS UNEDO STRAWBERRY TREE	24" BOX	TBD	PER PLAN	12'-35' H 20-30' W	N	Y	EVERGREEN, FULL SUN, STANDARD TRUNK	LOW .2	10'	1, L3.03
B	-		CERCIS OCCIDENTALIS WESTERN REDBUD	36" BOX	TBD	PER PLAN	20' H x W	Y	Y	DECIDUOUS, SINGLE TRUNK, FULL SUN, LIGHT SHADE	LOW .2	10'	2, L3.03
B	**		PLATANUS RACEMOSA CALIFORNIA SYCAMORE	24" BOX	TBD	PER PLAN	30'-80' H 20-50' W	Y	Y	DECIDUOUS, STANDARD TRUNK FULL SUN,	MOD .4	-	1, L3.03
-	-		EXISTING OAKS TO REMAIN REFER TO BIOLOGIST REPORT & OAK TREE IMPACT BOUNDARIES PLAN	-	TBD	-	NA	Y	Y	PROTECT-IN-PLACE			
-	-		EXISTING TREE TO REMAIN REFER TO BIOLOGIST REPORT	-	TBD	-	NA	Y	Y	TBD			

FFM ZONE	SSM	SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY.	SPACING	AVERAGE MATURE HEIGHT / WIDTH	NATIVE	DROUGHT TOLERANT	REMARKS	PLANT FACTOR	TREE CANOPY SETBACK FEET AWAY FROM BLDG.	DETAIL
SHRUBS													
B	**		ARTEMISIA 'POWIS CASTLE' NCN	5 GAL	TBD	4' O.C.	3' H 4'-6" W	Y	Y	EVERGREEN	LOW .2	20'	5, L3.03
B	**		MIMULUS AURANTIACUS ORANGE BUSH MONKEY	5 GAL	TBD	4' O.C.	4' H x W	Y	Y	EVERGREEN	LOW .2	20'	5, L3.03
A,B	**		MUHLENBERGIA RIGENS DEER GRASS	5 GAL	TBD	4' O.C.	4' H x W	Y	Y	EVERGREEN BIOSWALE	LOW .2	2'	5, L3.03
B	**		PENSTEMON CENTRANTHIFOLIUS SCARLET BURGLAR	5 GAL	TBD	3' O.C.	2'-3" H 3" W	Y	Y	EVERGREEN	LOW .2	20'	5, L3.03
A,B	**		ROSA CALIFORNICA CALIFORNIA NATIVE ROSE	5 GAL	TBD	5' O.C.	5' H x W	Y	Y	EVERGREEN	LOW .2	2'	5, L3.03

FFM ZONE	SSM	SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY.	SPACING	AVERAGE MATURE HEIGHT / WIDTH	NATIVE	DROUGHT TOLERANT	REMARKS	PLANT FACTOR	TREE CANOPY SETBACK FEET AWAY FROM BLDG.	DETAIL
GROUND COVER													
B	**		BACCHARIS P. 'PIGEON POINT' DWARF COYOTE BRUSH	1 GAL	TBD	5' O.C.	12"-2" H 6" W	Y	Y	EVERGREEN	LOW .2	20'	3, L3.03
B	**		SALVIA COLUMBARIAE CHIA	1 GAL	TBD	2'-6" O.C.	2' - 2'-6" H x W	Y	Y	BIOSWALE SEMI-EVERGREEN	LOW .2	20'	3, L3.03
B	**		SALVIA SPATHACEA HUMMINGBIRD SAGE	1 GAL	TBD	2'-6" O.C.	12"-2" H 4'-5" W	Y	Y	EVERGREEN	LOW .2	20'	3, L3.03

FFM ZONE	SSM	SYMBOL	BOTANICAL NAMES	COMMON NAME	NATIVE	DROUGHT TOLERANT	% PURITY	% GERM
B	**		ACHILLEA MILLEFOLIUM WHITE	WHITE YARROW	Y	Y	98.00	80.00
			ESCHSCHOLZIA CALIFORNICA	CALIFORNIA POPPY	Y	Y	98.00	75.00
			TRIFOLIUM OBTUSIFLORUM	CLAMMY CLOVER	Y	Y	98.00	45.00
			PENSTEMON SPECTABILIS	SHOWY PENSTEMON	Y	Y	95.00	75.00
			SALVIA COLUMBARIAE	CHIA	Y	Y	90.00	60.00
			MIMULUS (AURANTIACUS) LONGIFLORUS	STICKY MONKEY FLOWER	Y	Y	2.00	55.00
			LUPINUS TRUNCATUS	COLLAR LUPINE	Y	Y	98.00	85.00
			NASSELLA (STIPA) LEPIDA	FOOTHILL NEEDLEGRASS	Y	Y	90.00	60.00
			NASSELLA (STIPA) CERNUA	NODDING STIPA	Y	Y	90.00	70.00

FFM ZONE	SSM	SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY.	SPACING	AVERAGE MATURE HEIGHT / WIDTH	NATIVE	DROUGHT TOLERANT	REMARKS	PLANT FACTOR	TREE CANOPY SETBACK FEET AWAY FROM BLDG.	DETAIL
TURF													
			SOD: MARATHON II							NOT ON FFM LIST-SELECTION TO BE CONSIDERED TURF NOT ALLOWED ON SLOPES 25% OR STEEPER WHERE TOE OF SLOPES ADJACENT TO IMPERVIOUS SURFACE.			

LEGEND KEY:

N/A NOT FOUND ON THE LOS ANGELES COUNTY FIRE FUEL MODIFICATION GUIDELINE LIST

Y = YES, N = NO

** = PLANT NATIVE TO THE SANTA MONICA MOUNTAINS AND LACO FIRE APPROVED PLANT LIST.

- = NOT FOUND ON PLANTS NATIVE TO THE SANTA MONICA MOUNTAINS AND LACO FIRE APPROVED PLANT LIST.

NOTE: CONTRACTOR TO VERIFY EXACT QUANTITIES OF PLANT MATERIALS BASED ON CONDITIONS AND PLANT MATERIALS COVERAGE.

GROUND SETBACKS FOR TREES ARE TO BE USED FOR DISTANCE BETWEEN TREES AND BUILDINGS, PAVING AND UTILITIES.

GENERAL PLANTING NOTES:

- PLANTS ARE SHOWN DIAGRAMMATICALLY ON PLAN THEREFORE PLANT SPACING IN PLANTING LEGEND TAKES PRECEDENCE TO PLANTS SHOWN ON THE PLAN. DESIGN-BUILDER IS TO CALCULATE QUANTITY OF PLANTS CALLED FOR AND INSTALL ALL THAT ARE SHOWN ON PLAN AT THE SPACING IN THE LEGEND.
- COLORED IMAGES OF TREES FROM NURSERY SHALL BE SUBMITTED AS PART OF THE LANDSCAPE SUBMITTAL AS REQUIRED BY THE LANDSCAPE SPECIFICATIONS. IMAGES SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT/ARCHITECT FOR APPROVAL PRIOR TO PLANTING. IMAGES SHALL INCLUDE HEIGHT OF TREE, SPREAD AND CALIPER. A NURSERY INDIVIDUAL SHALL STAND NEXT TO EACH TREE IN THE PHOTO FOR A SENSE OF SCALE.
- LANDSCAPE ARCHITECT SHALL HAVE THE OPPORTUNITY TO INSPECT AND APPROVE ALL SPECIMEN AND BOX MATERIALS AT THE NURSERY PRIOR TO PLANTING. (24" BOX OR LARGER).
- SPREAD 3" LAYER OF WOOD CHIP MULCH UNDER AND IN BETWEEN ALL NEW TREES, SHRUBS, GROUND COVER SO AS TO LEAVE SOIL COMPLETELY COVERED WITH MULCH. MULCH SHALL BE PER THE LANDSCAPE SPECIFICATIONS. A PHYSICAL SAMPLE OF THE MULCH SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT/ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. SEE LANDSCAPE SPECIFICATIONS FOR MULCH SIZE.
- FINISH GRADE SHALL BE 1" BELOW ALL WALKS/CURBS FOR AREAS TO RECEIVE SOIL TURF.
- FINISH GRADE SHALL BE 2" BELOW ALL WALKS/CURBS FOR AREAS TO RECEIVE SHRUB AND/OR GROUND COVER.
- ALL NEW AND EXISTING PLANTING AREAS SHALL BE FREE OF CONSTRUCTION DEBRIS, ROCKS, FORM BOARDS, WEEDS ETC. SEE LANDSCAPE SPECIFICATIONS.
- ALL TREE & SHRUB MATERIAL SPECIFIED MUST MEET STANDARD INDUSTRY SPECIFICATIONS FOR THE CONTAINER SIZE INDICATED. IF CONTRACTOR CANNOT LOCATE MATERIAL OF ACCEPTABLE SIZE AT THE TIME OF INSTALLATION, CONTACT LANDSCAPE ARCHITECT FOR SPECIES SUBSTITUTION; DOWN-SIZING OR SUBSTITUTION OF PLANT MATERIAL WITHOUT PRIOR APPROVAL OF LANDSCAPE ARCHITECT WILL NOT BE ALLOWED.
- TREE LOCATIONS SHOWN ON PLAN MAY REQUIRE ADJUSTMENT IN THE FIELD. WHENEVER FEASIBLE, TREES SHOULD BE PLANTED A MINIMUM OF TEN (10) FEET FROM ALL UNDERGROUND UTILITIES AND OUT OF DRAINAGE FLOW LINES AND 3' FROM SPRAY HEADS. SHOULD THIS NOT BE POSSIBLE, CONTACT THE LANDSCAPE ARCHITECT FOR DECISION ON PLACEMENT.
- A REPRESENTATIVE SAMPLE OF THE BOTANICAL NAME TAGS FURNISHED BY THE NURSERY STOCK SUPPLIER SHALL REMAIN ATTACHED TO THE PLANTS UNTIL FINAL INSPECTION.
- VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES PRIOR TO START OF WORK.
- CONDUCT SOIL TESTS AT THE LOCATIONS MARKED ON THE PLANTING PLANS. THESE TESTS ARE TO DETERMINE RECOMMENDED AMOUNTS OF FERTILIZER AND HARMFUL SUBSTANCES, IF ANY. SEE SPECIFICATIONS FOR SOIL TESTING INFORMATION OF EXISTING AND IMPORTED SOIL. EXISTING SITE SAMPLES SHALL BE MINIMUM ONE (1) PER ACRE.
- DURING SOIL PREPARATION, AMEND SOIL AS RECOMMENDED BY THE SOIL TEST RESULTS. SEE SPECIFICATIONS FOR FURTHER INFORMATION.
- ALL TREES PLANTED WITHIN 6" OF ANY HARDSCAPE AREAS (STREET CURBS, DRIVEWAYS, AND SIDEWALKS) THE ROOT BARRIER SHOULD EXTEND 5' ON EITHER SIDE OF THE TREE TRUNK FOR A TOTAL LENGTH OF 10'.
- JUTE MESH SHALL BE INSTALLED ON 3' FILL OR 5' CUT SLOPE AT GRADIENT OF 3:1 OR GREATER. SEE LANDSCAPE SPECIFICATIONS.
- ALL TREES, SHRUBS AND GROUND COVER SHALL BE LOW MAINTENANCE, INDIGENOUS CALIFORNIA NATIVE OR DROUGHT TOLERANT PLANT MATERIALS AND MUST COMPLY WITH LOS ANGELES COUNTY AND FIRE DEPARTMENT'S REQUIREMENTS AND GUIDELINES.
- PLANTS SPECIES NOT TO BE USED ARE THE FOLLOWING:
 - NON-NATIVES - PALM TREES (FAMILY ARECACEAE).
 - PAMPAS GRASS (CORTADERIA SPP.).
 - PEPPER TREES (SCHINUS SPP.).
 - EUCALYPTUS SPP.
- PLANTING PLANS SHALL HAVE A PROHIBITION AGAINST USING RODENTICIDES FOR PEST CONTROL AND RECOMMEND NON-PERSISTENT METHODS SUCH AS TRAPS AND FUMIGATION.
- MULCHING IS REQUIRED IN ALL PLANTING AREAS (MINIMUM DEPTH TO BE 2"). REFER TO SPECS.

SOIL TESTING NOTES:

- AGRONOMICS SOIL TESTING SHALL BE PERFORMED ON THE SITE FROM THE LOCATIONS INDICATED ON THE PLANTING PLAN. SIX (6) TESTING SITES HAVE BEEN IDENTIFIED AND ALL RESULTS SHALL BE INCORPORATED INTO THE WORK ON THIS PROJECT.
 - INDICATES SAMPLE NUMBER
 - INDICATES SAMPLE SITE
- SOIL TESTING SHALL BE PERFORMED BY A SOIL TESTING LABORATORY PER SPECIFICATIONS.
- SOIL TESTING REPORT IS TO BE OBTAINED AND PAID FOR BY THE CONTRACTOR. REFER TO THE SPECIFICATIONS FOR ADDITIONAL SOIL TESTING INFORMATION.

GENERAL FUEL MODIFICATION NOTES:

- ZONE A**
- EXTENDS 20 FEET BEYOND THE EDGE OF ANY COMBUSTIBLE STRUCTURE, ACCESSORY STRUCTURE, APPENDAGE OR PROJECTION WHERE REVIEW IS REQUIRED BY THE FIRE CODE.
 - LANDSCAPING AND VEGETATION IN THIS ZONE SHALL CONSIST PRIMARILY OF GREEN LAWNS, NON-INVASIVE GROUND COVERS, MULCH, ADEQUATELY SPACED SMALL SHRUBS, AND HARDSCAPE/NON-FLAMMABLE MATERIALS. THE OVERALL CHARACTERISTICS OF THE LANDSCAPE SHALL PROVIDE ADEQUATE DEFENSIBLE SPACE IN A FIRE ENVIRONMENT.
 - PLANTS IN ZONE A SHALL BE INHERENTLY HIGHLY FIRE RESISTANT AND SPACED APPROPRIATELY. SPECIES SELECTION ARE FROM FUEL MODIFICATION GUIDELINES PLANT LIST.
 - THIS ZONE WILL TYPICALLY CONTAIN ANY MODERATE TO HIGH WATER USE PLANTS PROPOSED FOR THE SITE.
- ZONE B**
- IRRIGATION/TRANSITION ZONE
 - EXTENDS FROM THE OUTERMOST EDGE OF ZONE A UP TO 100 FEET FROM STRUCTURE.
 - THIS ZONE REQUIRES THINNING AND THE REMOVAL OF PLANT SPECIES CONSTITUTING A HIGH FIRE RISK TO ELIMINATE FUEL LADDERS AND EXCESSIVE FLASHY FUELS.
 - LANDSCAPING AND VEGETATION IN THIS ZONE SHALL CONSIST PRIMARILY OF GREEN LAWNS, NON-INVASIVE GROUND COVERS, MULCH, ADEQUATELY SPACED SHRUBS AND TREES. THE OVERALL CHARACTERISTICS OF THE LANDSCAPE SHALL PROVIDE ADEQUATE DEFENSIBLE SPACE IN A FIRE ENVIRONMENT.
 - PLANTS IN ZONE B SHOULD BE FIRE RESISTANT AND SPACED APPROPRIATELY. SPECIES SELECTION ARE FROM FUEL MODIFICATION GUIDELINES PLANT LIST.
 - EXISTING NATIVE VEGETATION SHALL BE MODIFIED BY THINNING AND REMOVAL OF SPECIES CONSTITUTING A HIGH RISK; INCLUDING BUT NOT LIMITED TO LAUREL SUMAC, CHAMISE, CEANOTHUS, SAGE, SAGE BRUSH, BUCKWHEAT, AND CALIFORNIA JUNIPER. ISOLATED SPECIMEN NATIVE SHRUBS MAY REMAIN IF APPROVED ON THE LANDSCAPE PLAN.
- ZONE C**
- NATIVE BRUSH THINNING ZONE
 - TYPICALLY EXTENDS FROM THE OUTERMOST EDGE OF ZONE B UP TO 200 FEET FROM STRUCTURES.
 - VEGETATION IN THIS ZONE WILL MAINLY CONSIST OF MODIFIED EXISTING NATIVE VEGETATION.
 - EXISTING NATIVE VEGETATION SHALL BE MODIFIED BY THINNING AND REMOVAL OF SPECIES CONSTITUTING A HIGH RISK; INCLUDING BUT NOT LIMITED TO LAUREL SUMAC, CHAMISE, CEANOTHUS, SAGE, SAGE BRUSH, BUCKWHEAT, AND CALIFORNIA JUNIPER. ISOLATED SPECIMEN NATIVE SHRUBS MAY REMAIN IF APPROVED ON THE LANDSCAPE PLAN.
 - REMOVE OF THE LOWER 1/3 OF LARGE SHRUBS AND ALL DEAD WOOD TO REDUCE FUEL LOADS.
 - NATIVE PLANTS MAY BE REMOVED BY REDUCED AMOUNTS AS THE DISTANCE FROM DEVELOPMENT INCREASES.
 - MOSAIC OF THINNED, CLUMPED, NATIVE VEGETATION, PRUNED ON A STAGGERED 2-3 YEAR SCHEDULE, WITH CLUMPS ADJACENT TO ONE ANOTHER IN ALTERNATE PRUNING TIMES.

- MAINTENANCE:** ROUTINE MAINTENANCE SHALL BE REGULARLY PERFORMED IN ALL ZONES
- REMOVAL OR THINNING OF UNDESIRABLE COMBUSTIBLE VEGETATION AND REPLACEMENT OF DEAD OR DYING LANDSCAPING.
 - MAINTENANCE INCLUDES ANNUAL REMOVAL OF WEEDS, DEAD MATERIALS, AND OTHER UNDESIRABLE FLAMMABLE VEGETATION REQUIRED TO KEEP THE AREA IN A FIRE SAFE CONDITION AS REQUIRED BY THE APPROVED FUEL MODIFICATION PLAN AND THE FIRE CODE.
 - PRUNING AND THINNING TO REDUCE THE OVERALL FUEL LOAD AND CONTINUITY WITH OTHER FUELS.
 - PRUNING LOWER BRANCHES OF TREES AND TREE-FORM SHRUBS TO 1/3 OF THEIR HEIGHT (OR 6' FROM LOWEST HANGING BRANCHES TO THE GROUND) TO HELP PREVENT FIRE FROM SPREADING AND MAKE MAINTENANCE EASIER. TREES WITH UNDERSTORY PLANTS SHOULD BE LIMBED UP AT LEAST THREE TIMES THE HEIGHT OF THE UNDERLYING VEGETATION UP TO HEIGHT OF 40'.
 - UNLESS OTHERWISE APPROVED, GROUND COVERS SHALL BE MAINTAINED AT A HEIGHT NOT TO EXCEED 6" IN ZONE A AND B, 12" IS ACCEPTABLE WITHIN 50' OF A STRUCTURE IN ZONE B IF IT IS ON A SLOPE, AND 18" IN ZONE B BEYOND 50'. ANNUAL GRASSES AND WEEDS SHALL BE MAINTAINED AT A HEIGHT NOT TO EXCEED 3".
 - ACCUMULATED PLANT LITTER AND DEAD WOOD SHALL BE REMOVED. DEBRIS AND TRIMMINGS PRODUCED BY THINNING AND PRUNING SHOULD BE REMOVED FROM THE SITE OR CHIPPED AND EVENLY DISPERSED IN THE SAME AREA TO A MAXIMUM DEPTH OF 6". CHIPS SHOULD BE LARGE ENOUGH TO PREVENT BLOWING AROUND IN THE WIND BUT SMALL ENOUGH TO AVOID LARGE GAPS.
 - CONDUCT MAINTENANCE AS NEEDED TO REDUCE FUEL VOLUME, ELIMINATE WEEDS, AND REMOVE DEAD VEGETATION.



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Public Agency Submittal:
Issued for Bidding:
Issued for Construction:

Revisions:

50% CONSTRUCTION SUBMITTAL
06/03/2015

CAMPUS KILPATRICK REPLACEMENT PROJECT

427 South Encinal Canyon Road
Malibu, CA 90265



Los Angeles County
Department of Public Works
900 S. Fremont Ave.
Alhambra, California 91803

DLR Project No 75-15221-00

PLANTING LEGEND

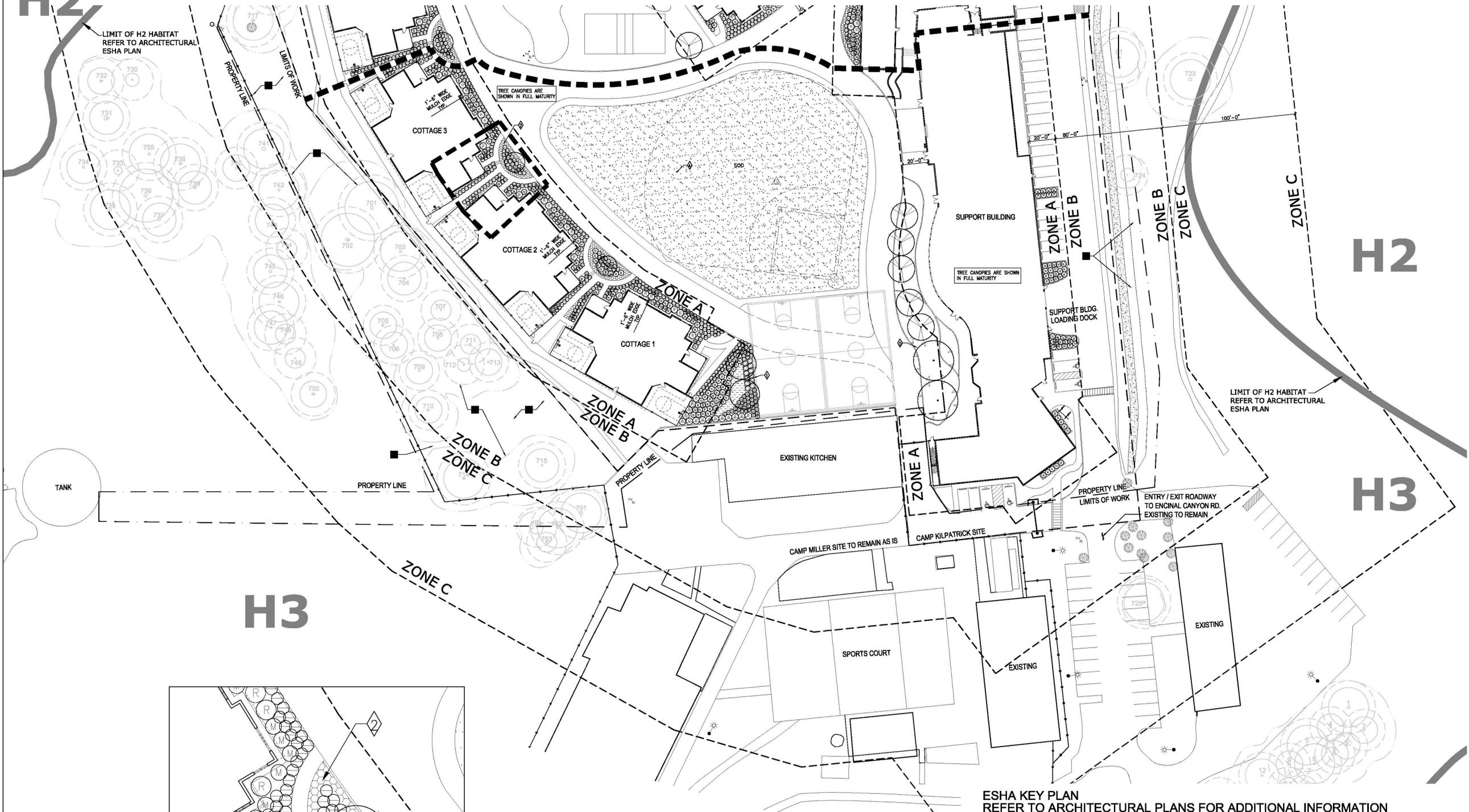
Issued Date: 05.29.2015
Drawn By: AJ/CP/JH
Checked By: GO

L3.00
Sheet No

MATCHLINE SEE SHEET L3.02

H2

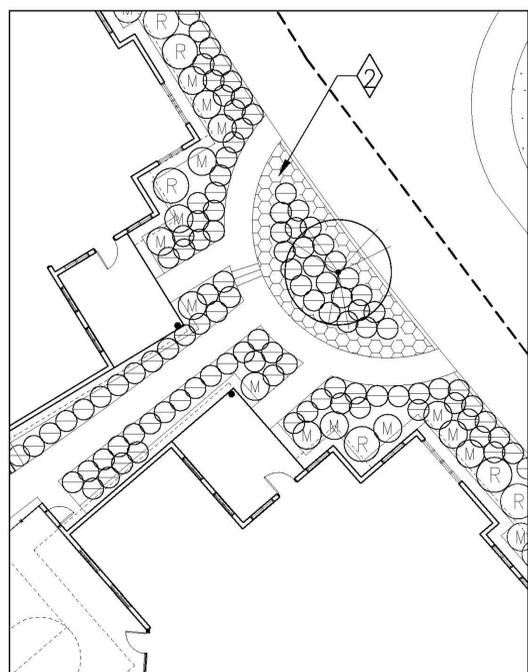
LIMIT OF H2 HABITAT
REFER TO ARCHITECTURAL
ESHA PLAN



H2

H3

H3



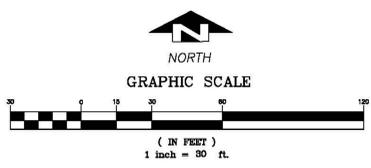
ENLARGED PLAN AT
COTTAGES

1 inch = 10 ft.

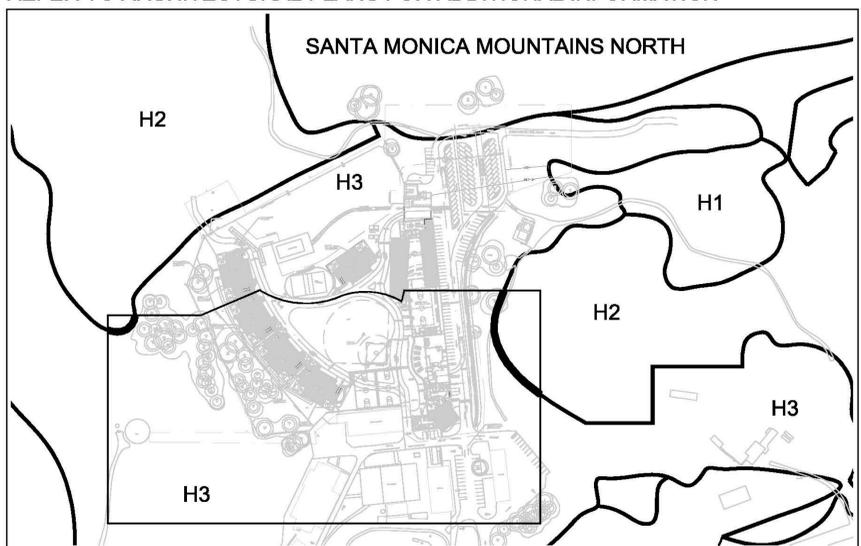
PLANTING NOTES:

- EXISTING NATIVE VEGETATION DESIGNATED AS ZONE B LOCATED OUTSIDE THE LIMITS OF WORK BUT WITHIN THE PROPERTY LINE SHALL BE MANAGED AND IRRIGATED. SELECTIVE THINNING AND REMOVAL OF SPECIES TO BE DETERMINED BY LOS ANGELES COUNTY FIRE DEPARTMENT.
- EXISTING NATIVE VEGETATION DESIGNATED AS ZONE C AND WITHIN THE PROPERTY LINE TO REMAIN. IRRIGATION IS NOT REQUIRED. SELECTIVE THINNING AND REMOVAL OF SPECIES TO BE DETERMINED BY LOS ANGELES COUNTY FIRE DEPARTMENT.
- NO IRRIGATION AND GRUBBING UNDER OAKS. REFER TO BIOLOGIST REPORT AND OAK TREE IMPACT BOUNDARIES. USE PROTECTIVE FENCING TO PROTECT OAK TREES DURING CONSTRUCTION. FOR OAK WOODLANDS, REMOVE THE DEAD MATERIAL (BUT LEAVE THE OAK LEAVES TO A DEPTH OF 6-IN.), REMOVE FIRE LADDERS (LOW BRANCHES), AND REMOVE UNDERSTORY THAT WOULD BE SEASONALLY DRY.

REFER TO SHEET L3.00 FOR PLANTING
LEGEND AND NOTES



**ESHA KEY PLAN
REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION**



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 SUBMITTAL
 06/03/2015

**CAMPUS KILPATRICK
REPLACEMENT
PROJECT**

427 South Encinal Canyon Road
 Malibu, CA 90265



Los Angeles County
 Department of Public Works
 900 S. Fremont Ave.
 Alhambra, California 91803

DLR Project No 75-15221-00

PLANTING PLAN

Scale: 1" = 30' - 0"
 Issued Date: 05.29.2015
 Drawn By: AJ/CP/JH
 Checked By: GO

L3.01
 Sheet No

SANTA MONICA MOUNTAINS NORTH

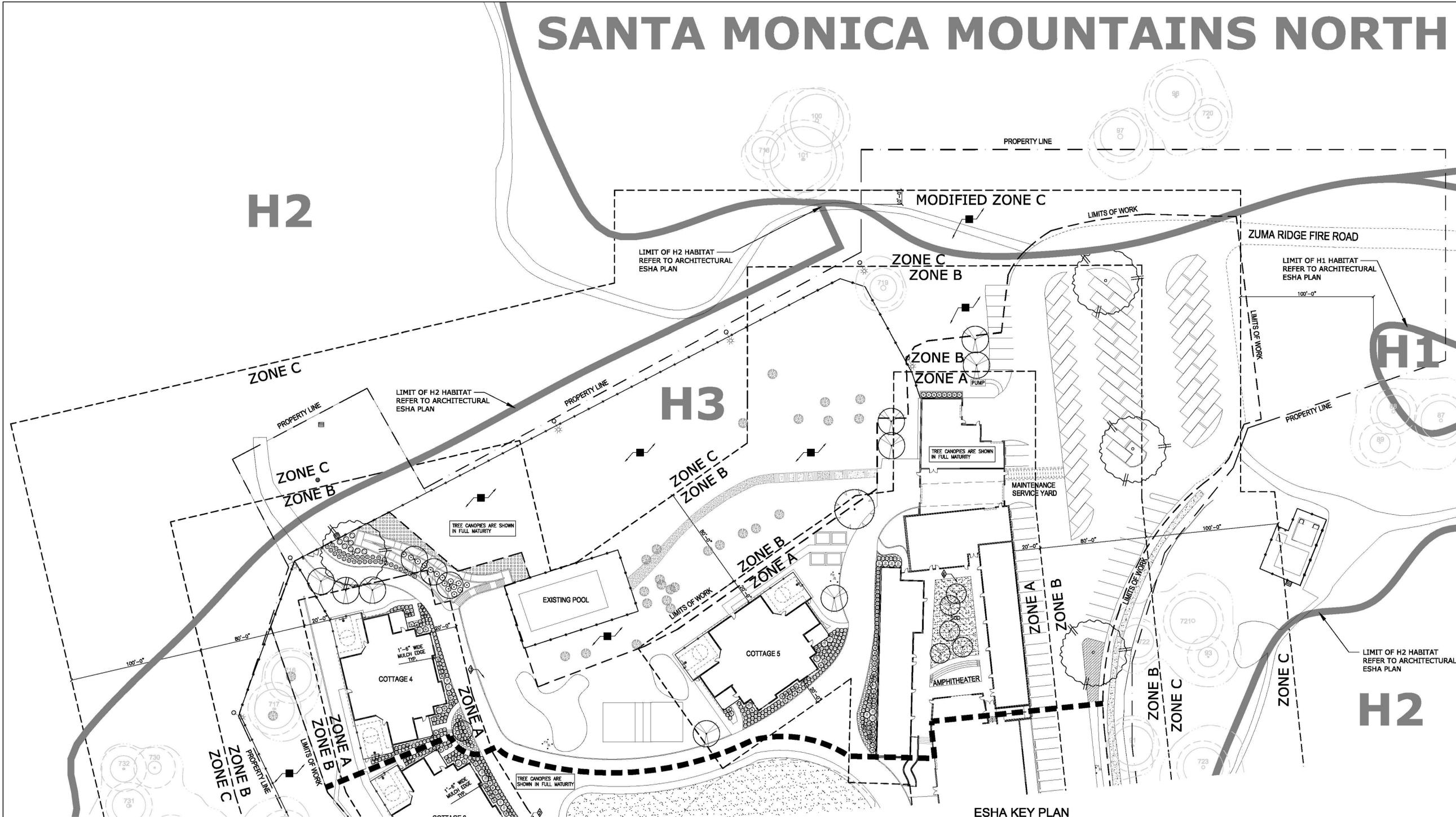


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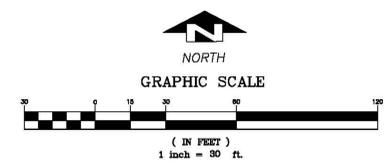
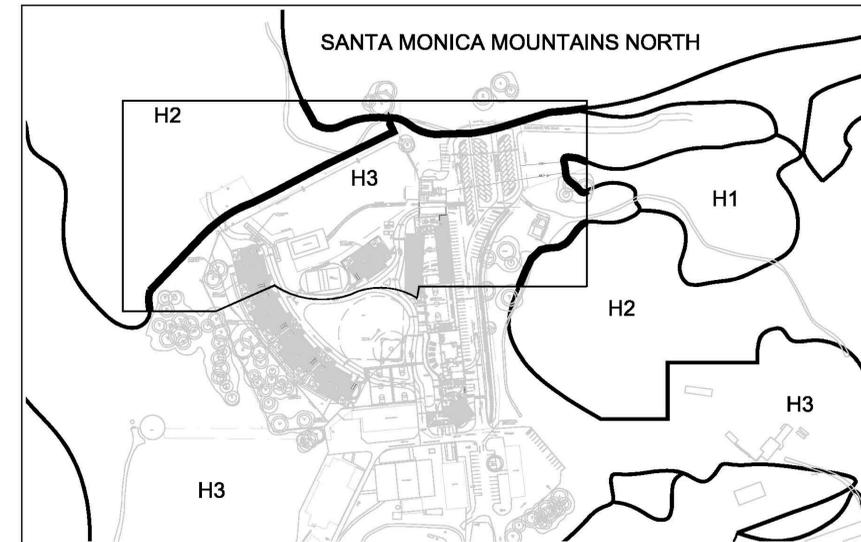
MATCHLINE SEE SHEET L3.01

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