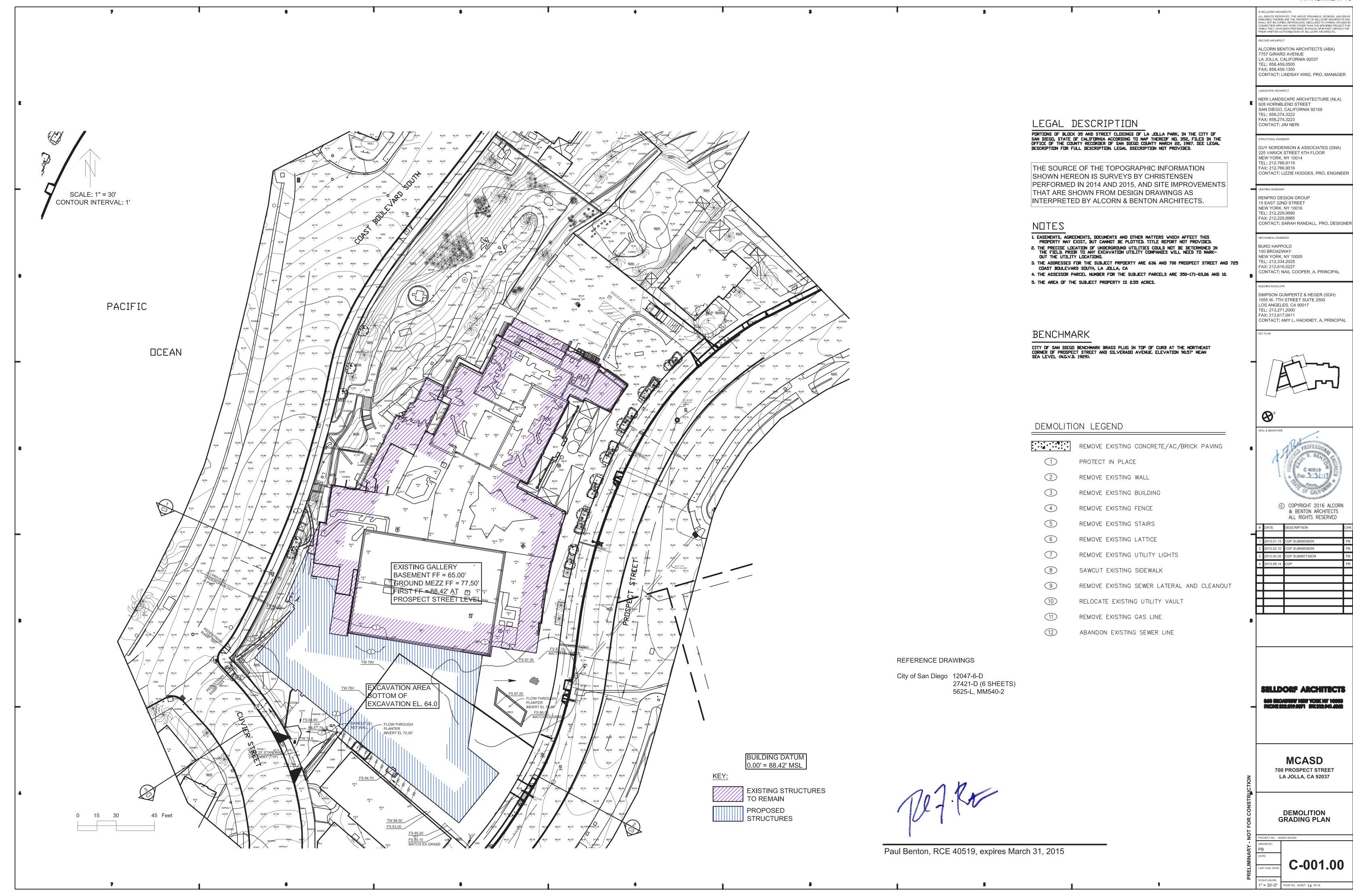
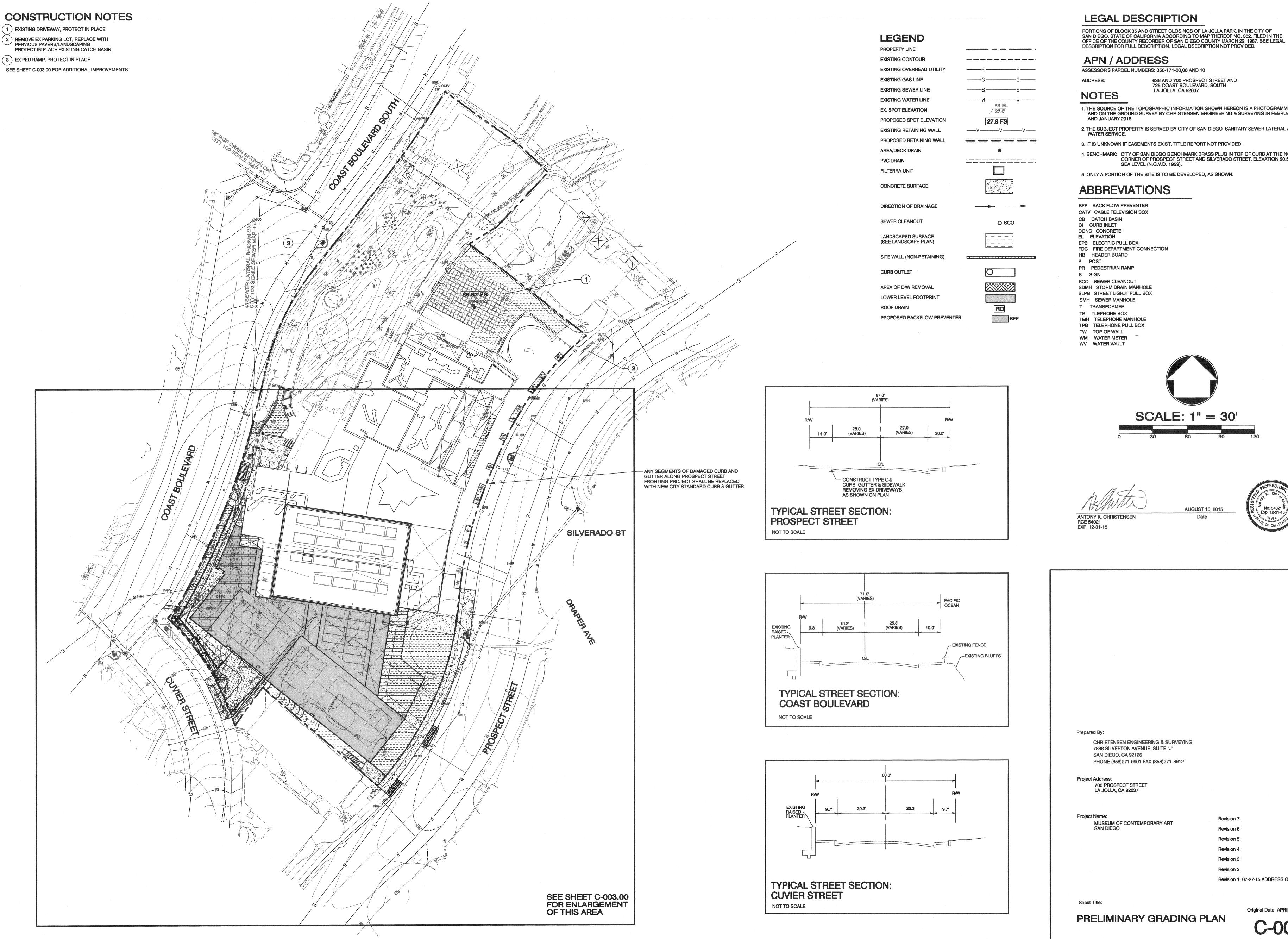


SCALE (24x36): 1/16"=1"-0" PAGE NO. SHEET 13 OF 34





636 AND 700 PROSPECT STREET AND 725 COAST BOULEVARD, SOUTH

1. THE SOURCE OF THE TOPOGRAPHIC INFORMATION SHOWN HEREON IS A PHOTOGRAMMETRIC AND ON THE GROUND SURVEY BY CHRISTENSEN ENGINEERING & SURVEYING IN FEBRUARY 2014

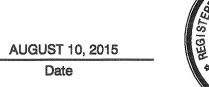
2. THE SUBJECT PROPERTY IS SERVED BY CITY OF SAN DIEGO SANITARY SEWER LATERAL AND

3. IT IS UNKNOWN IF EASEMENTS EXIST, TITLE REPORT NOT PROVIDED .

4. BENCHMARK: CITY OF SAN DIEGO BENCHMARK BRASS PLUG IN TOP OF CURB AT THE NORTHEAST CORNER OF PROSPECT STREET AND SILVERADO STREET. ELEVATION 90.57' MEAN

5. ONLY A PORTION OF THE SITE IS TO BE DEVELOPED, AS SHOWN.



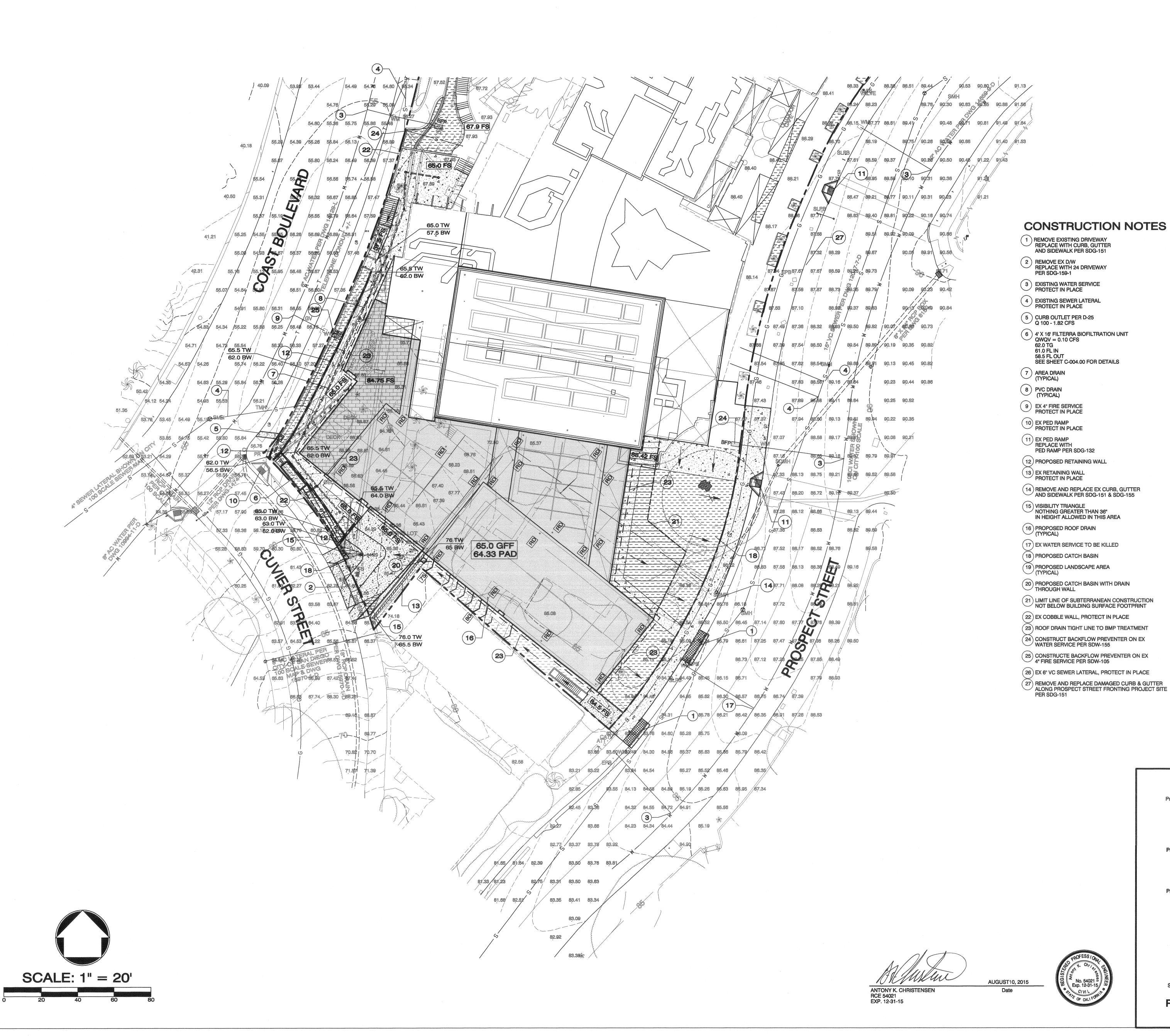


Revision 6:

Revision 4:

Revision 1: 07-27-15 ADDRESS CITY COMMENTS

Original Date: APRIL 30, 2015 C-002.00



# **GRADING DATA**

AREA OF SITE - 2.548 AC
AREA OF SITE TO BE GRADED (RE-DEVELOPED) - 0.839 AC
PERCENT OF SITE TO BE GRADED - 32.9%
AMOUNT OF SITE WITH 25% SLOPES OR GREATER: AREA - NA,
PERCENT OF TOTAL SITE - NA.
AMOUNT OF SITE WITH SLOPES THAT ARE SUBJECT TO ESL REGS.
(LDC SEC. 143.0110): 0 SF (NO NATURAL SLOPES EXIST, ENTIRE SITE PREVIOUSLY DISTURBED)

AMOUNT OF CUT - 7,400 C.Y.
AMOUNT OF FILL - 0 C.Y.
AMOUNT OF EXPORT - 7,400 C.Y.

AMOUNT OF FILL - 0 C.Y.

AMOUNT OF EXPORT - 7,400 C.Y.

MAXIMUM HEIGHT OF FILL - 3; VERTICAL FILL ( DRIVEWAY)

MAXIMUM FILL SLOPE RATIO NONE

MAXIMUM FILL SLOPE HEIGHT: NONE

MAXIMUM HEIGHT OF CUT 22' VERTICAL (GARAGE)
MAXIMUM HEIGHT OF CUT SLOPE - 3'
MAXIMUM CUT SLOPE RATIO - 2:1

EARTHWORK IS APPROXIMATE

LENGTH OF SITE RETAINING WALL - 240'
MAX HEIGHT OF SITE RETAINING WALL - 7.5' (WALKWAY)
IMPERVIOUSNESS:

EXISTING IN AREA TO BE DEVELOPED - 0.587 AC PROPOSED IN ARE TO BE DEVELOPED - 0.560 AC

#### NOTE:

PRIOR TO ISSUANCE OF ANY CONSTRUCTION PERMIT, THE OWNER/PERMITEE SHALL ENTER INTO A MAINTENANCE AGREEMENT FOR THE ONGOING PERMANENT BMP MAINTENANCE.

PRIOR TO ISSUANCE OF ANY CONSTRUCTION PERMIT, THE OWNER/PERMITEE SHALL INCORPORATE ANY CONSTRUCTION BEST MANAGEMENT PRACTICES NECESSARY TO COMPLY WITH CHAPTER 14, ARTICLE 2, DIVISION1 (GRADING REGULATIONS) OF THE SAN DIEGO MUNICIPAL CODE. INTO THE CONSTRUCTION PLANS OR SPECIFICATIONS.

PRIOR TO ISSUANCE OF ANY CONSTRUCTION PERMIT, THE OWNER/PERMITEE SHALL

SUBMIT A WATER POLLUTION CONTROL PLAN (WPCP). THE WPCP SHALL BE PREPARED IN ACCORDANCE WITH THE GUIDELINES IN APPENDIX E OF THE CITY'S STORM WATER STANDARDS.

AN EMRA WILL BE REQUIRED FOR PRIVATE CURB OUTLET IN RIGHT OF WAY.

RUNOFF WILL BE TREATED BY FLOW OVER LANDSCAPING AND BY FILTERRA UNIT BEFORE BEING CONVEYED OFFSITE, AS SHOWN ON THE PLAN AND DETAILED IN THE WQTR.

LESS THAN 50% OF THE SITE IS TO BE REDEVELOPED AND SO NO RETROFIT TO THE REMAINING SITE IS REQUIRED IN ACCORDANCE WITH THE STORM WATER STANDARDS MANUAL (2012), PAGE 2-3. ONLY THE NEW IMPERVIOUS AREA MUST BE INCLUDED IN THE BMP TREATMENT DESIGN.

# Prepared I

CHRISTENSEN ENGINEERING & SURVEYING 7888 SILVERTON AVENUE, SUITE "J" SAN DIEGO, CA 92126 PHONE (858)271-9901 FAX (858)271-8912

Project Address: 700 PROSPECT STREET LA JOLLA, CA 92037

# Project Name: MUSEUM OF CONTEMPORARY

MUSEUM OF CONTEMPORARY ART SAN DIEGO

Revision 5:
Revision 4:
Revision 3:
Revision 2:

Revision 7:

Revision 6:

Revision 2:

Revision 1: 07-27-15 ADDRESS CITY COMMENTS

Sheet Title:

PRELIMINARY GRADING PLAN

Original Date: APRIL 30, 2015

ALL RIGHTS RESERVED. THE ABOVE DRAWINGS, DESIGNS, AND ID
MBODIED THEREIN ARE THE PROPERTY OF SELLDORF ARCHITECTS
HALL NOT BE COPIED, REPRODUCED, DISCLOSED TO OTHERS, OR US
CONNECTION WITH ANY WORK OTHER THAN THE SPECIFIED PROJECT
WAS ALL TO THE SECOND OF THE THAN THE SPECIFIED PROJECT

LCORN BENTON ARCHITECTS (ABA)

CONTACT: LINDSAY KING, PRO, MANAGER

NERI LANDSCAPE ARCHITECTURE (NLA)

GUY NORDENSON & ASSOCIATES (GNA)

CONTACT: LIZZIE HODGES, PRO. ENGINEER

CONTACT: SARAH RANDALL, PRO. DESIGNER

CONTACT: NAIL COOPER, A. PRINCIPAL

225 VARICK STREET 6TH FLOOR

757 GIRARD AVENUE

928 HORNBLEND STREET SAN DIEGO, CALIFORNIA 92109

TEL: 858 459 0505

FAX: 858.459.1350

DSCAPE ARCHITECT

TEL: 858.274.3222

FAX: 858.274.3223

TRUCTURAL ENGINEER

CONTACT: JIM NERI

NEW YORK, NY 10014

RENFRO DESIGN GROUP

15 EAST 32ND STREET

NEW YORK, NY 10016

TEL: 212.229.9990 FAX: 212.229.9985

MECHANICAL ENGINEER

BURO HAPPOLD

100 BROADWAY

NEW YORK, NY 10005

TEL: 212.334.2025

FAX: 212.616.0227

TEL: 212.766.9119

FAX: 212.766.9016

LA JOLLA, CALIFORNIA 92037

## LANDSCAPE REGULATIONS APPLICABILITY:

LA JOLLA PLANNED DISTRICT ZONE 5A & 6A LANDSCAPE REQUIREMENTS: ALL REQUIRED YARDS SHALL BE FULLY LANDSCAPED IN ACCORDANCE WITH CITY-WIDE LANDSCAPE REGULATIONS OF LAND DEVELOPMENT CODE CHAPTER 14, ARTICLE 2, DIVISION 4 (LANDSCAPE REGULATIONS) AND LA JOLLA PLANNED DISTRICT ORDINANCE (159,0403E, F, & H).

#### SEE LANDSCAPE CALCULATIONS WORKSHEET ON SHEET L-102.00

ACCORDING TO TABLE 142-04A OF THE SDMC: ADDITIONS TO STRUCTURES OR ADDITIONAL STRUCTURES ON DEVELOPED PROPERTIES THAT EXCEED 1.000 SF FLOOR AREA SHOWN OR THAT INCREASE THE GROSS FLOOR AREA BY 10 PERCENT, AND ARE PROPOSING COMMERCIAL DEVELOPMENT SHALL COMPLY WITH REGULATIONS 142.0403-142.0407, 142.0409, 142.0410 (A), AND 142.0413

SEE GFA CALCULATIONS ON SHEET L-102

**GENERAL NOTES:** 

1. THE LANDSCAPE PLAN IS FOR GENERAL SITE REFERENCE ONLY. REFER TO OTHER CONSTRUCTION DOCUMENTS FOR COMPLETE SCOPE OF WORK.

2. BEFORE COMMENCING ANY SITE EXCAVATION, VERIFY LOCATIONS OF ALL EXISTING SITE UTILITIES, INCLUDING WATER SEWER, GAS AND ELECTRICAL LINES. FLAG OR OTHERWISE MARK ALL LOCATIONS AND INDICATE UTILITY TYPE.

3. GRADE SITE TO DIRECT GROUND WATER AWAY FROM BUILDING AND NEW ADDITIONS 11. THE PERMITTEE OR SUBSEQUENT OWNER SHALL BE RESPONSIBLE FOR THE AND LANDSCAPE DRAINS SHALL BE INSTALLED AT LOW POINTS TO REDUCE RUNOFF CROSSING PATHS AND PAVING.

4. LOCATE REFUSE BIN AT APPROVED ON-SITE LOCATION. CONTRACTOR SHALL DISPOSE OF ALL SITE REFUSE AT CITY-APPROVED LOCATIONS.

5. ALL REQUIRED PLANTING AREAS SHALL BE COVERED WITH MULCH TO A MINIMUM DEPTH OF 2 INCHES, EXCLUDING SLOPES REQUIRING REVEGETATION AND AREAS TO BE 13. ALL REQUIRED LANDSCAPE SHALL BE MAINTAINED IN A DISEASE, WEED AND LITTER PLANTED WITH GROUND COVER. ALL EXPOSED SOIL AREAS WITHOUT VEGETATION SHALL ALSO BE MULCHED TO THIS MINIMUM DEPTH

6. ALL REQUIRED TREES SHALL HAVE AT LEAST ONE WELL DEFINED TRUNK AND SHALL NORMALLY ATTAIN A MATURE HEIGHT AND SPREAD OF AT LEAST 15 FEET. ALL PROPOSED STREET TREE PALMS SHALL HAVE A MINIMUM OF 10' BROWN TRUNK HEIGHT

7. PROPOSED LANDSCAPING SHALL NOT CONFLICT WITH EXISTING UTILITIES.

8. PROPOSED UTILITIES SHALL NOT CONFLICT WITH PROPOSED LANDSCAPING.

9. TREE ROOT BARRIERS SHALL BE INSTALLED WHERE TREES ARE PLACED WITHIN 5 FEET OF PUBLIC IMPROVEMENTS INCLUDING WALKS, CURBS, OR STREET PAVEMENTS OR WHERE NEW PUBLIC IMPROVEMENTS ARE PLACED ADJACENT TO EXISTING TREES.

10. MAINTENANCE: ALL REQUIRED LANDSCAPE AREAS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND MAINTENANCE PERIOD. THE LANDSCAPE AREAS SHALL BE MAINTAINED FREE OF DEBRIS AND LITTER AND ALL PLANT MATERIAL MATERIAL SHALL BE SATISFACTORILY TREATED OR REPLACED PER THE CONDITIONS OF THE PERMIT.

MAINTENANCE OF ALL LANDSCAPE IMPROVEMENTS IN THE RIGHT-OF WAY CONSISTENT WITH THE LA JOLLA PLANNED DISTRICT ORDINANCE.

12. ALL LANDSCAPE AND IRRIGATION SHALL CONFORM TO THE CITY OF SAN DIEGO'S LAND DEVELOPMENT MANUAL, LANDSCAPE STANDARDS, THE LA JOLLA PLANNED DISTRICT STANDARDS, AND ALL OTHER CITY AND REGIONAL STANDARDS.

FREE CONDITION AT ALL TIMES. SEVERE PRUNING OR "TOPPING" OF TREES IS NOT PERMITTED UNLESS SPECIFICALLY NOTED IN THIS PERMIT.

14. ANY MODIFICATIONS OR CHANGES TO THE "LANDSCAPE PLAN" AND EXISTING OR

PROPOSED PLANT MATERIAL, AS SHOWN ON THE APPROVED EXHIBIT "A", LANDSCAPE DEVELOPMENT PLAN, IS PERMITTED PROVIDED THE RESULTING LANDSCAPE MEETS THE MINIMUM AREA REQUIREMENTS OF THE LA JOLLA PLANNED DISTRICT ORDINANCE. 15. IF ANY REQUIRED LANDSCAPE (INCLUDING EXISTING OR NEW PLANTINGS,

HARDSCAPE, LANDSCAPE FEATURES, ETC.) INDICATED ON THE APPROVED CONSTRUCTION DOCUMENT PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND AND EQUIVALENT SIZE PER THE APPROVED DOCUMENTS TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT WITHIN 30 DAYS OF DAMAGE OR FINAL INSPECTION

16. ALL GRADED, DISTURBED OR ERODED AREAS THAT WILL NOT BE PERMANENTLY IRRIGATED AS SHOWN IN SAN DIEGO MUNICIPAL CODE SECTION 142.0411, TABLE 142-04F AND IN ACCORDANCE WITH THE STANDARDS IN THE LAND DEVELOPMENT MANUAL

17. TREES SHALL BE MAINTAINED SO THAT ALL BRANCHES OVER PEDESTRIAN WALKWAYS ARE 6 FEET ABOVE THE WALKWAY GRADE AND BRANCHES OVER VEHICULAR TRAVEL WAYS ARE 16 FEET ABOVE THE GRADE OF THE TRAVEL WAY PER THE SAN DIEGO MUNICIPAL CODE, SECTION 142.403 (b)(10)

18. ALL REQUIRED LANDSCAPED AREAS SHALL BE PERMANENTLY IRRIGATED AND MAINTAINED IN ACCORDANCE WITH THE LANDSCAPE GUIDELINES OF THE LAND DEVELOPMENT MANUAL.

# HARDSCAPE LEGEND

PROPOSED HARDSCAPE MATERIAL LEGEND:

HARDSCAPE PAVING 'A' 4,531 SF (43%) Non-porous pedestrian paving such as: "Uncolored Concrete with Sand Finish" "Uncolored Concrete with Broom Finish"

3,520 SF (33%) HARDSCAPE PAVING 'B' Enhanced porous pedestrian paving such as: "Tile Pavers with planted joints" "Stone Pavers with planted joints" "Brick Pavers with planted joints" HARDSCAPE PAVING 'C' 2,581 SF (24%)

10' VISIBILITY AREAS - NO OBSTRUCTION, INCLUDING LANDSCAPING OR WALLS, IN THE VISIBILITY TRIANGLE AREAS SHALL EXCEED 3 FEET IN HEIGH.

10

12

13

SYMBOL DESCRIPTION

EXISTING TREE TO REMAIN, TYP SYM 4 EXISTING PALM TO BE REMOVED, TYP SYM

PATTERN TO MATCH EXISTING

REFERENCE NOTES SCHEDULE

5 **BUILDING SETBACK** 

**EXISTING PLANTING AREA TO REMAIN** 

EXISTING WALL TO BE PROTECTED IN PLACE

EXISTING WATER SERVICE. PROTECT IN PLACE.

RIGHT OF WAY CONCRETE PAVING WITH GRID

EXISTING SEWER LATERAL. PROTECT IN PLACE.

EXISTING 4" FIRE SERVICE. PROTECT IN PLACE.

EXISTING WATER SERVICE TO BE KILLED- SEE CIVIL DRAWINGS

**BIOFILTRATION UNIT - SEE CIVIL DRAWINGS** 

REFUSE & RECYCLING AREA

SIMPSON GUMPERTZ & HEGER (SGH) 1055 W. 7TH STREET SUITE 2500 LOS ANGELES, CA 90017 TEL: 213.271.2000

FAX: 213.617.0411 CONTACT: AMY L. HACKNEY, A. PRINCIPAL



DATE DESCRIPTION

2015.01.15 CDP Submission 2015.02.10 CDP Submission 2015.05.05 CDP Re-Submission

**SELLDORF ARCHITECTS** 860 BROADWAY NEW YORK NY 10003

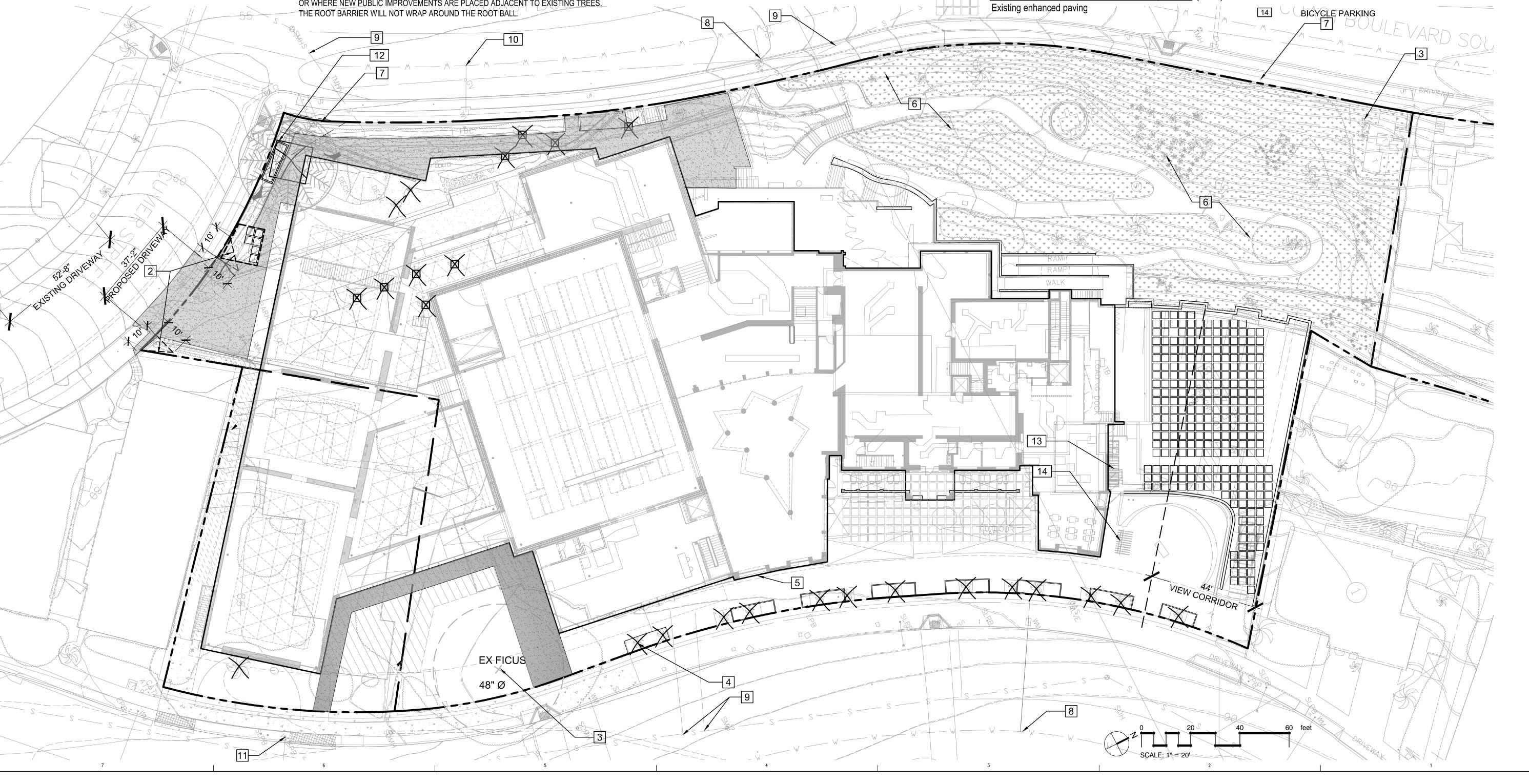
> **MCASD** 700 PROSPECT STREET

**LA JOLLA, CA 92037** 

PHONE 212.219.9571 FAX 212.941.6362

LANDSCAPE DEVELOPMENT PLANTING PLAN

L-100.00



#### SELLDORF ARCHITECTS ALL RIGHTS RESERVED. THE ABOVE DRAWINGS, DESIGNS, AND IDEA EMBODIED THEREIN ARE THE PROPERTY OF SELLDORF ARCHITECTS AN SHALL NOT BE COPIED. REPRODUCED, DISCLOSED TO OTHERS, OR USED I CONNECTION WITH ANY WORK OTHER THAN THE SPECIFIED PROJECT FO WHICH THEY HAVE BEEN PREPARED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF SELLDORF ARCHITECTS. PLANTING LEGEND: LANDSCAPE CONCEPT STATEMENT: QTY / % / SIZE **EXISTING PLANT MATERIAL LEGEND:** PROPOSED PLANT MATERIAL LEGEND: QTY / % / SIZE PROPOSED PLANT MATERIAL LEGEND: QTY / % / SIZE THE LANDSCAPE DESIGN OF THIS PROJECT IS TO RETAIN AND ENHANCE RECORD ARCHITECT THE LOOK & FEEL CONSISTENT WITH AND HARMONIOUS WITH THE ALCORN BENTON ARCHITECTS (ABA) **EXISTING TREES TO REMAIN EVERGREEN ACCENT SHRUB** ACCENT TREES HISTORIC CHARACTER OF THE COMMUNITY OF LA JOLLA. 7757 GIRARD AVENUE Ficus macrophylla 6 / 100% / 15 gallon LA JOLLA. CALIFORNIA 92037 4 / 100% / 48" BOX Medium scale shrub - 6' tall x 6' wide, such as: Medium scale tree - 25' tall x 25' wide, such as: LOW-IMPACT DESIGN (LID) STRATEGIES FILTER STORM WATER RUNOFF TEL: 858.459.0505 FROM IMPERVIOUS SURFACES. NON-INVASIVE, WATER-CONSERVING "Dragon Tree" Dracaena draco Agave americana 'Marginata' "Century Agave" FAX: 858.459.1350 PLANTS WILL BE USED TO CREATE AN EXTERIOR THAT WILL ENHANCE THE CONTACT: LINDSAY KING, PRO. MANAGER Metrosideros excelsa "New Zealand pohutukawa" Chondropetalum elephantium "Large Cape Rush" ARCHITECTURE. STREET TREES ON ARE SELECTED PER THE EXISTING Quercus tomentella "Island Oak" Phormium tenax 'Atropurpureum' "New Zealand Flax" TREES FRONTING THE SITE & SELECTED FROM THE LA JOLLA PLANNED ANDSCAPE ARCHITECT DISTRICT APPROVED STREET TREE LIST TO FULFILL THE STREET TREE NERI LANDSCAPE ARCHITECTURE (NLA) REQUIREMENT. TRANSPLANTED SPECIMEN TREES 928 HORNBLEND STREET EXISTING TREES TO TRANSPLANTED **EVERGREEN ACCENT SHRUB** SAN DIEGO, CALIFORNIA 92109 Existing on-site tree - 100' tall x 40' wide: 1 / 100% / 15' BOX TEL: 858.274.3222 Araucaria heterophylla 50 / 100% / 5 gallon Medium scale shrub - 3' tall x 3' wide, such as: Araucaria heterophylla "Norfolk Island Pine" FAX: 858,274,3223 CONTACT: JIM NERI MINIMUM STREET TREE SEPARATION: Agave attentuata "Foxtail Agave' EVERGREEN GROUNDCOVER Aloe arborescens "Torch Aloe" **IMPROVEMENT** MINIMUM DISTANCE TO STREET TREE Low-growing shrub - 2' tall x 4' wide, such as: 45 / 100% / 5 gallon TRUCTURAL ENGINEER Phormium tenax 'Fiesta' "Dwarf Fiesta Flax" "Green Carpet Natal Plum" TRAFFIC SIGNALS 20 FEET Carissa macrocarpa 'Green Carpet' GUY NORDENSON & ASSOCIATES (GNA) 225 VARICK STREET 6TH FLOOR UNDERGROUND UTILITY LINES 5 FEET Mahonia repens "Creeping Mahonia" GOUNDCOVER NEW YORK, NY 10014 Grassy groundcover - 2' tall x 2' wide, such as: TEL: 212.766.9119 FAX: 212.766.9016 CONTACT: LIZZIE HODGES, PRO. ENGINEER 10 FEET ABOVE GROUND UTILITY STRUCTURES Ceanothus gloriosus 'Heart's Desire' "California Lilac" 155 / 100% / 1 gallon DRIVEWAY (ENTRIES) 10 FEET Juncus 'Elk Blue' "Pale Rush" CLINGING VINE 25 FEET INTERSECTIONS Lomandra longifolia 'Breeze' "Dwarf Mat Rush" 13 / 100% / 5 gallon Vine - spreading, such as: SEWER LINES 10 FEET Miscanthus transmorrisonensis "Evergreen Maiden Grass" LIGHTING DESIGNER EXISTING PALMS TO REMAIN Parthenocissus tricuspidata "Boston Ivy" RENFRO DESIGN GROUP Washingtonia robusta (PROTECTED) Ficus pumila "Creeping Fig" TREE PROTECTION NOTES 15 EAST 32ND STREET Phoenix canariensis NEW YORK, NY 10016 TEL: 212.229.9990 FAX: 212.229.9985 CONTACT: SARAH RANDALL, PRO. DESIGNER **BIOFILTRATION** EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED EXISTING PALMS TO BE REMOVED SHADE-LOVING ACCENT SHRUB Grassy groundcover, such as: 9,627 S.F. / 100%/1 Gallon IN PLACE, THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED: Washingtonia robusta Medium scale shrub - 3' tall x 3' wide, such as: 7 / 100% / 15 gallon Agrostis pallens "Native Bentgrass" Astelia 'Siver Shadow' "Silver Spear" "Dune Sedge" EXISTING PALMS TO BE TRANSPLANTED (SUBJECT TO CITY APPROVAL) Carex pansa 1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND MECHANICAL ENGINEER "Foxtail Agave" Agave attentuata Elymus arenarius 'Blue Dune' "Blue Dune Grass" BURO HAPPOLD Washingtonia robusta EXISTING TREES AT THE DRIP LINE. Phormium 'Yellow Wave' "Yellow Wave Flax" 100 BROADWAY NEW YORK, NY 10005 TRAILING GROUNDCOVER PROPOSED PLANT MATERIAL LEGEND: TEL: 212.334.2025 QTY / % / SIZE 2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE, AND MATERIAL STORAGE OF FAX: 212.616.0227 8 / 100% / 5 gallon Low-growing groundcover - 1' tall x 6' wide, such as: CONTACT: NAIL COOPER, A. PRINCIPAL ANY KIND IS PROHIBITED WITHIN THE DRIP LINE. STREET TREE REPLACEMENT Rosmarinus 'Huntington Carpet' "Carpet Rosemary" Bougainvillea 'La Jolla' "Bougainvillea" BUILDING ENVELOPE 3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING Palm - 40' tall x 10' wide, such as: 14 +9 / 100% / 8' BTH Lantana montevidensis "Trailing Lantana" SIMPSON GUMPERTZ & HEGER (SGH) CONSTRUCTION. Brahea edulis "Guadalupe Fan Palm' 1055 W. 7TH STREET SUITE 2500 Howea forsteriana LOS ANGELES, CA 90017 "Sentry Palm" TEL: 213.271.2000 4. ALL DAMAGED TREES/SHRUBS WILL BE REPLACED WITH ONE OF EQUAL OR GREATER Phoenix dactylifera "Date Palm" FAX: 213.617.0411 SIZE. CONTACT: AMY L. HACKNEY, A. PRINCIPAL Washingtonia robusta (existing on-site transplant - subject to City approval) Jano Ten Expires 6/30/15 DATE DESCRIPTION 2015.01.15 CDP Submission 2015.02.10 CDP Submission 2015.05.05 CDP Re-Submission 7 **SELLDORF ARCHITECTS** 860 BROADWAY NEW YORK NY 10003 PHONE 212.219.9571 FAX 212.941.6362 **MCASD** 700 PROSPECT STREET **LA JOLLA, CA 92037** LANDSCAPE DEVELOPMENT PLANTING PLAN L-101.00

#### LANDSCAPE REQUIREMENTS ZONE 5A - MULTI-FAMILY ZONE

LA JOLLA PLANNED DISTRICT ORDINANCE SECTION 159.0403(E) OPTION B

PROVIDE A LANDSCAPED AREA EQUIVALENT TO 30 PERCENT OF THE TOTAL LOT AREA AT GROUND LEVEL, PROVIDED THE LANDSCAPED AREA IS VISIBLE FROM THE OPPOSITE SIDE OF ADJACENT PUBLIC RIGHTS-OF-WAY (STREETS). THE 15-FOOT FRONT YARD SETBACK SHALL BE FULLY LANDSCAPED EXCEPT FOR DRIVEWAYS AND WALKWAYS. FOR LANDSCAPED AREAS DESIGNED AS BUFFERS, SETBACKS OR VISUAL BACKDROPS, 50 PERCENT OF THE AREA SHALL BE VEGETATED WITH A COMBINATION OF GROUNDCOVER, VINES, SHRUBS, AND TREES.

ALL OF THE LANDSCAPE TO MEET THE 30% AREA REQUIREMENT SHALL BE INSTALLED AS REQUIRED BY THE LA JOLLA PLANNED DISTRICT ORDINANCE [SECTION 159.0403(E) OPTION B] PRIOR TO FINAL INSPECTION.

# SUMMARY OF LANDSCAPE CALCULATIONS:

LANDSCAPE REGULATIONS:

AT LEAST 30% OF TOTAL PARCEL AREA AT GROUND LEVEL TO BE LANDSCAPED, VISIBLE FROM THE OPPOSITE SIDE

OF THE STREET.
50% OF THE (LANDSCAPED) AREA SHALL BE VEGETATED.

TOTAL PARCEL AREA: 11,652 S.F

LANDSCAPED AREA REQUIRED: 3,495 S.F. LANDSCAPED AREA PROVIDED: 1,858 S.F. VEGETATED AREA PROVIDED:

ETATED AREA REQUIRED:  $\overline{1,858}$  S.F. VEGETATED AREA PROVIDED:  $\overline{2,667}$  S.F. (69.6 %)

EXCESS LANDSCAPED AREA PROVIDED: 221 S.F. EXCESS VEGETATED AREA PROVIDED: 809 S.F.

### PREVIOUSLY CONFORMING PROPERTIES LANDSCAPE REQUIREMENTS

SAN DIEGO MUNICIPAL CODE 142.0410(A)

(A) WHEN ADDITIONS TO STRUCTURES OR ADDITIONAL STRUCTURES ON DEVELOPED PROPERTIES ARE SUBJECT TO THIS SECTION IN ACCORDANCE WITH TABLE 142-04A, THEY SHALL MEET THE REQUIREMENTS OF THIS SECTION. THE REQUIRED STREET YARD, REMAINING YARD, AND VEHICULAR USE AREA PLANTING AREAS AND PLANT POINTS FOR PREVIOUSLY CONFORMING PROPERTIES ARE ESTABLISHED IN ACCORDANCE WITH THE FOLLOWING FORMULA.

(1) DETERMINE THE PERCENTAGE OF INCREASE IN GROSS FLOOR AREA FOR THE DEVELOPMENT BY DIVIDING THE PROPOSED ADDITIONAL GROSS FLOOR AREA BY THE EXISTING GROSS FLOOR AREA.

(2) WHERE THE PERCENTAGE OF GROSS FLOOR AREA INCREASE IS:

(D) 1 TO 49 PERCENT, THE DEVELOPMENT IS SUBJECT TO THE FULL REQUIREMENTS FOR STREET TREES AND THE STREET YARD FOR NEW DEVELOPMENT.

(3) FOR PROPERTIES THAT CONTAIN PLANT MATERIALS THAT WILL BE RETAINED, THE PLANTING AREA AND NUMBER OF POINTS FOR THE EXISTING MATERIAL WILL BE CREDITED TOWARDS THE ABOVE REQUIREMENTS.

### **SUMMARY OF LANDSCAPE CALCULATIONS:**

LOT SIZE: 110983 S.F. EXISTING BUILDING GFA: 51,548 S.F. PROPOSED ADDITIONAL GFA: 19,323 S.F.

F.A.R. INCREASE:

THE DEVELOPMENT IS SUBJECT TO THE FULL REQUIREMENTS FOR STREET TREES AND THE STREET YARD FOR NEW DEVELOPMENT.

# LANDSCAPE CALCULATIONS WORKSHEET ZONE 6A - CULTURAL ZONE

LANDSCAPE REGULATIONS:

ALL REQUIRED YARDS SHALL BE FULLY LANDSCAPED IN ACCORDANCE WITH CITY-WIDE LANDSCAPE REGULATIONS OF LAND DEVELOPMENT CODE CHAPTER 14, ARTICLE 2, DIVISION 4 (LANDSCAPE REGULATIONS)

THE CITY OF SAN DIEGO

City of San Diego **Development Services** 1222 First Ave., MS-501 San Diego, CA 92101-4154 (619) 446-5000 Landscape Calculations Worksheet
Industrial Development in RM and C Zones
Commercial Development in All Zones

Provide the following information on the Landscape Plans. The Landscape Calculations determine the planting area and points required by the Landscape Regulations, Chapter 14, Article 2, Division 4 of the Land Development Code.

STREET YARD

### Industrial and Commercial Development (except Auto Service Stations; see below):

Planting Area Required [142.0404]					Planting Area Provided		Excess Area Provided	
Total Area	39,314	sq. ft. x 25%=	9,829	sq. ft.	21,299	sq. ft.	10,803	sq. ft.

Planting Points Required [142.0404]					Plant Points Provided - To be achieved with trees only		Excess Points Provided	
Total Area	39,314	sq. ft. x 0.05=	1,966	points	3,002	points	1,036	points

#### Auto Service Stations Only

	Planting Area Required [142.0405(c)(2)]	Planting Area Provided	Excess Area Provided	
Total Area	sq. ft. x 15%=	sq. ft.	sq. ft.	sq. ft.
	Plant Points Required [142.0405(c)(2)]		Plant Points Provided	Excess Points Provided
	sq. ft. x 0.03=	points	points	points

**Note:** All required Street Yard planting areas located outside the Vehicular Use Area (VUA) except for auto service stations may consist of hardscape or unattached unit pavers, excluding the minimum area required for trees. [142.0405(C)(1)]

#### REMAINING YARD

Planting Area Required [142.0404]					Planting Area Provided		Excess Area Provided	
Total Area	9,063	sq. ft. x 30%=	2,719	sq. ft.	6,586	sq. ft.	3,867	sq. ft.
	Plant P	oints Required [142	2.0404]		Plant Po	oints Provided	Excess Po	ints Provided

Printed on recycled paper. Visit our web site at <a href="www.sandiego.gov/development-services">www.sandiego.gov/development-services</a>
Upon request, this information is available in alternative formats for persons with disabilities.

DS-4 (03-06)

### HYDROZONE INFORMATION TABLE

CONTROLLER #	HYDROZONE / VALVE #	PLANT FACTOR	HYDROZONE AREA IN S.F.	IRRIGATION METHOD	IRRIGATION EFFICIENCY	% OF LANDSCAPE AREA
	1					
A	A1	0.5	1,676	DRIP	.90	6 %
Α	A2	0.5	4,270	DRIP	.90	15%
Α	A3	0.5	880	DRIP	.90	3 %
Α	A4	0.8	5,617	DRIP	.90	20%
Α	A5	0.5	15,461	SPRAY	.60	56 %
		TOTAL	27,904		TOTAL	100%
•						

#### ESTIMATED WATER USE BY HYDROZONE

CONTROLLER #	HYDROZONE / VALVE #	PLANT WATER USE TYPE	PLANT FACTOR	ETWU = (ETo)(0.62) X [(PF XHA/IE) + (0.3) (SLA)]	RESULT IN GALLONS PER YR
A	A1	MEDIUM	0.5	(33)(0.62) X [(.5 X 1,676 /.90) + 0]	15, 430
A	A2	MEDIUM	0.5	(33)(0.62) X [(.5 X 4,270 /.90) + 0]	28,075
A	A3	MEDIUM	0.3	(33)(0.62) X [(.3 X 880 /.90) + 0]	6,001
А	A4	MEDIUM	0.5	(33)(0.62) X [(.5 X 5,617 /.90) + 0]	63,846
Α	A5	MEDIUM	0.5	(33)(0.62) X [(.5 X 16461 /.60) + 0]	280,660
				TOTAL	30/ 012

ETo = EVARRANSPIRATION (INCHES PER YEAR) 0.62 = CONVERSION FACTOR (TO GALLONS)

0.7 = EVATRANSPIRATION ADJUSTMENT FACTOR

A3 XIX

HA = HYDROZONE AREA (SQUARE FEET)

0.3 = ADDITIONAL EVAPOTRANSPIRATION ADJUSTMENT FACTOR FOR LANDSCAPE AREA

SLA = SPECIAL LANDSCAPE AREA (SQUARE FEET)

IRRIGATION METHOD & EFFICIENCY MP = MP ROTATORS/ 0.75 D = DRIP / 0.90 S= SPRAY HEADS / 0.60

TOTAL LANDSCAPE AREA (LA) = 27,925 SF

SPECIAL LANDSCAPE AREA (SLA) = 0 SF

MAXIMUM APPLIED WATER ALLOWANCE (MAWA): MAWA = (ETo)(0.62)[(0.7 X LA) + (0.3 X SLA)]

(33)(0.62)[(.7X 27,904) + (0.3 X 0) = 399,641 GAL/YR

ESTIMATED TOTAL WATER USE (ETWU): 394,012 GAL/YR

MAXIMUM APPLIED WATER ALLOWANCE (MAWA): 399,641 GAL/YR

#### | |-|-

# **IRRIGATION NOTE:**

1. ALL PLANTING AREAS SHALL BE IRRIGATED BY A DEDICATED, BACKFLOW-PREVENTED IRRIGATION SYSTEM WITH AN IRRIGATION SUB-METER, ACCORDING TO PLANT TYPE AND ENVIRONMENTAL EXPOSURE AND SHALL RECEIVE UNIFORM WATER COVERAGE BY MEANS OF A HIGH EFFICIENCY, AUTOMATICALLY CONTROLLED, ELECTRICALLY ACTUATED, UNDERGROUND PIPED SPRINKLER SYSTEM. FOR WATER CONSERVATION AND TO MINIMIZE EROSION, STATE OF THE ART LOW PRECIPITATION RATE SPRINKLER EQUIPMENT SHALL BE USED. IRRIGATION MAINLINE PIPING SHALL BE PVC PLASTIC (TYPE 1120) CLASS 315 PRESSURE PIPE AND LATERAL LINE PIPING SHALL BE SCHEDULE 40 NON-PRESSURE PIPE. PRESSURE LINES SHALL BE INSTALLED 18" DEEP, NON-PRESSURE LINES 12" DEEP. A MASTER VALVE AND FLOW SENSOR SHALL BE INSTALLED TO MINIMIZE DAMAGE IN THE CASE OF A VALVE FAILURE OR MAINLINE BREAK. A SEPARATE HOSE BIB MAINLINE SHALL BE INSTALLED UPSTREAM OF THE MASTER VALVE AND EACH HOSE BIB SHALL BE FITTED WITH AN ATMOSPHERIC VACUUM BREAKER. 2. ALL PROPOSED IRRIGATION SYSTEMS WILL USE AN APPROVED RAIN

SENSOR SHUTOFF DEVICE.

3. EXISTING STREET TREES LOCATED IN THE PUBLIC RIGHT-OF-WAY SHALL BE IRRIGATED BY A HOMEOWNER-FUNDED AND MAINTAINED, DEEP-WATERING, LOW-VOLUME BUBBLER.

# DRAINAGE NOTES:

THE DRAINAGE SYSTEM FOR THIS PROJECT SHALL BE PRIVATE AND WILL BE SUBJECT TO APPROVAL BY THE CITY ENGINEER.
 ALL DEVELOPMENT SHALL BE CONDUCTED TO PREVENT EROSION AND STOP SEDIMENT AND POLLUTANTS FROM LEAVING THE PROPERTY TO THE MAXIMUM EXTENT PRACTICABLE.

3. ALL ROOF DRAINS AND FLATWORK SHALL DRAIN POSITIVELY INTO STORM DRAINAGE SYSTEM. SURFACE RUNOFF SHALL NOT DRAIN DIRECTLY INTO THE ADJOINING PROPERTY, AND CONSTRUCTION RUNOFF MAY NOT DRAIN INTO THE STORMWATER CONVEYANCE SYSTEM.

© SELLDORF ARCHITECTS

ALL RIGHTS RESERVED. THE ABOVE DRAWINGS, DESIGNS, AND IDEA EMBODIED THEREIN ARE THE PROPERTY OF SELLDORF ARCHITECTS AN SHALL NOT BE COPIED, REPRODUCED, DISCLOSED TO OTHERS, OR USED I CONNECTION WITH ANY WORK OTHER THAN THE SPECIFIED PROJECT FO WHICH THEY HAVE BEEN PREPARED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF SELLDORF ARCHITECTS.

RECORD ARCHITECT

ALCORN BENTON ARCHITECTS (ABA)
7757 GIRARD AVENUE
LA JOLLA, CALIFORNIA 92037
TEL: 858.459.0505
FAX: 858.459.1350
CONTACT: LINDSAY KING, PRO. MANAGER

LANDSCAPE ARCHITECTURE (NLA)
928 HORNBLEND STREET
SAN DIEGO, CALIFORNIA 92109
TEL: 858.274.3222
FAX: 858.274.3223
CONTACT: JIM NERI

GUY NORDENSON & ASSOCIATES (GNA) 225 VARICK STREET 6TH FLOOR NEW YORK, NY 10014 TEL: 212.766.9119 FAX: 212.766.9016

LIGHTING DESIGNER

TRUCTURAL ENGINEER

RENFRO DESIGN GROUP
15 EAST 32ND STREET
NEW YORK, NY 10016
TEL: 212.229.9990
FAX: 212.229.9985
CONTACT: SARAH RANDALL, PRO. DESIGNER

CONTACT: LIZZIE HODGES, PRO. ENGINEER

BURO HAPPOLD
100 BROADWAY
NEW YORK, NY 10005
TEL: 212.334.2025
FAX: 212.616.0227
CONTACT: NAIL COOPER, A. PRINCIPAL

BUILDING ENVELOPE

SIMPSON GUMPERTZ & HEGER (SGH)
1055 W. 7TH STREET SUITE 2500
LOS ANGELES, CA 90017
TEL: 213.271.2000
FAX: 213.617.0411
CONTACT: AMY L. HACKNEY, A. PRINCIPAL

⊗²

SEAL & SIGNATUR



# DATE DESCRIPTION CH
1 2015.01.15 CDP Submission
2 2015.02.10 CDP Submission
3 2015.05.05 CDP Re-Submission

SELLDORF ARCHITECTS

860 BROADWAY NEW YORK NY 10003

PHONE 212.219.9571 FAX 212.941.6362

MCASD
700 PROSPECT STREET

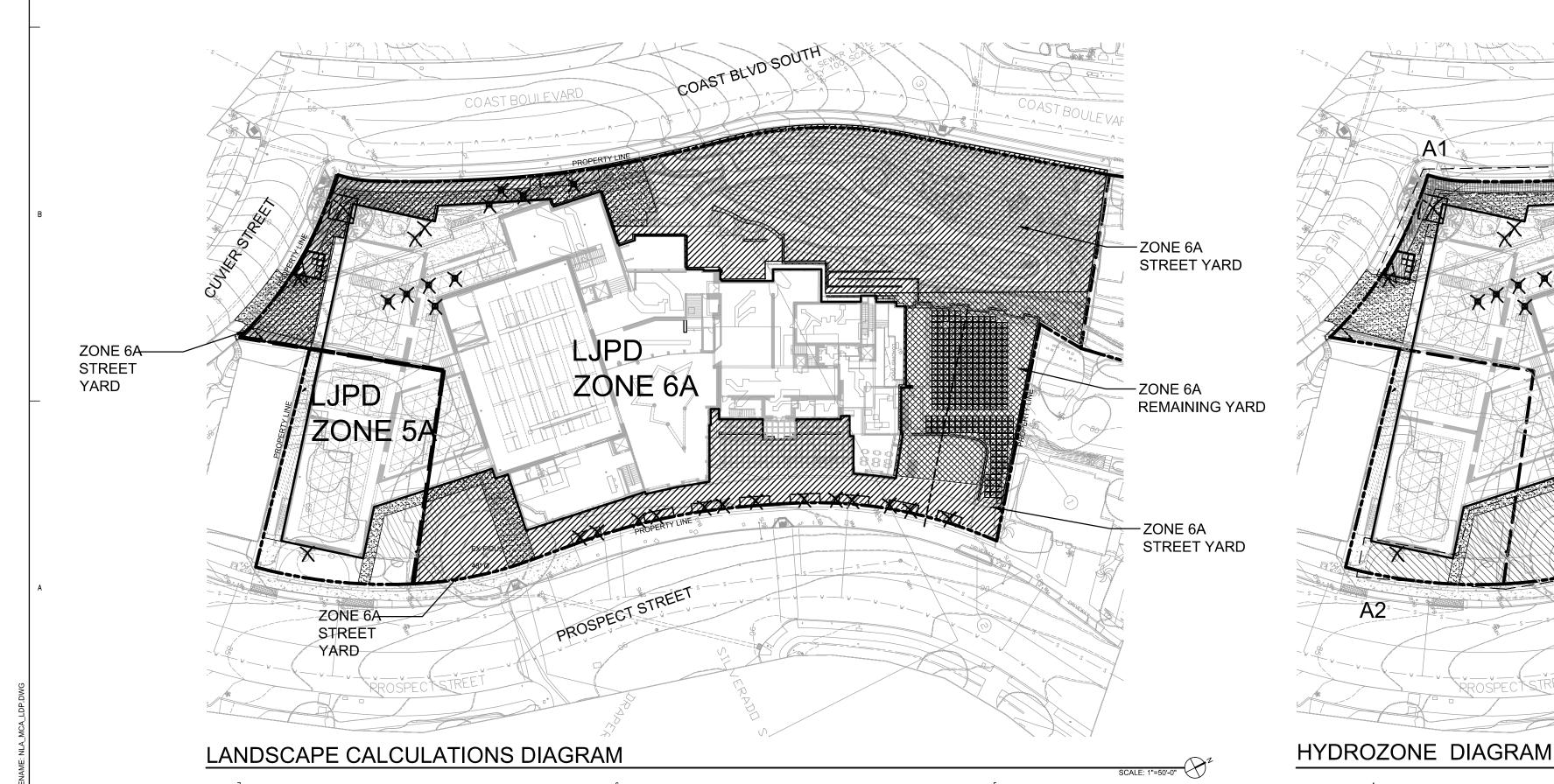
LA JOLLA, CA 92037

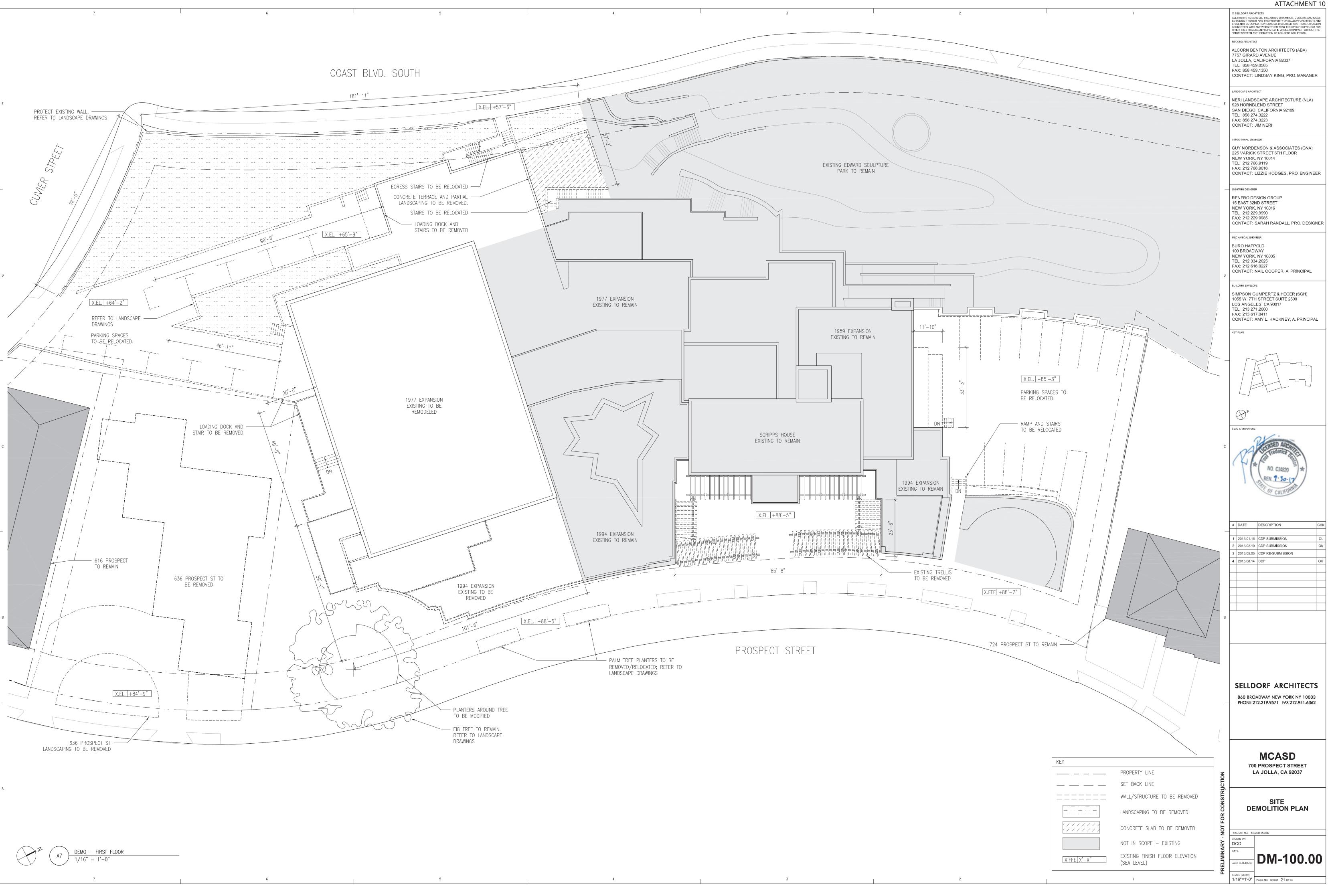
LANDSCAPE DEVELOPMENT PLANTING PLAN

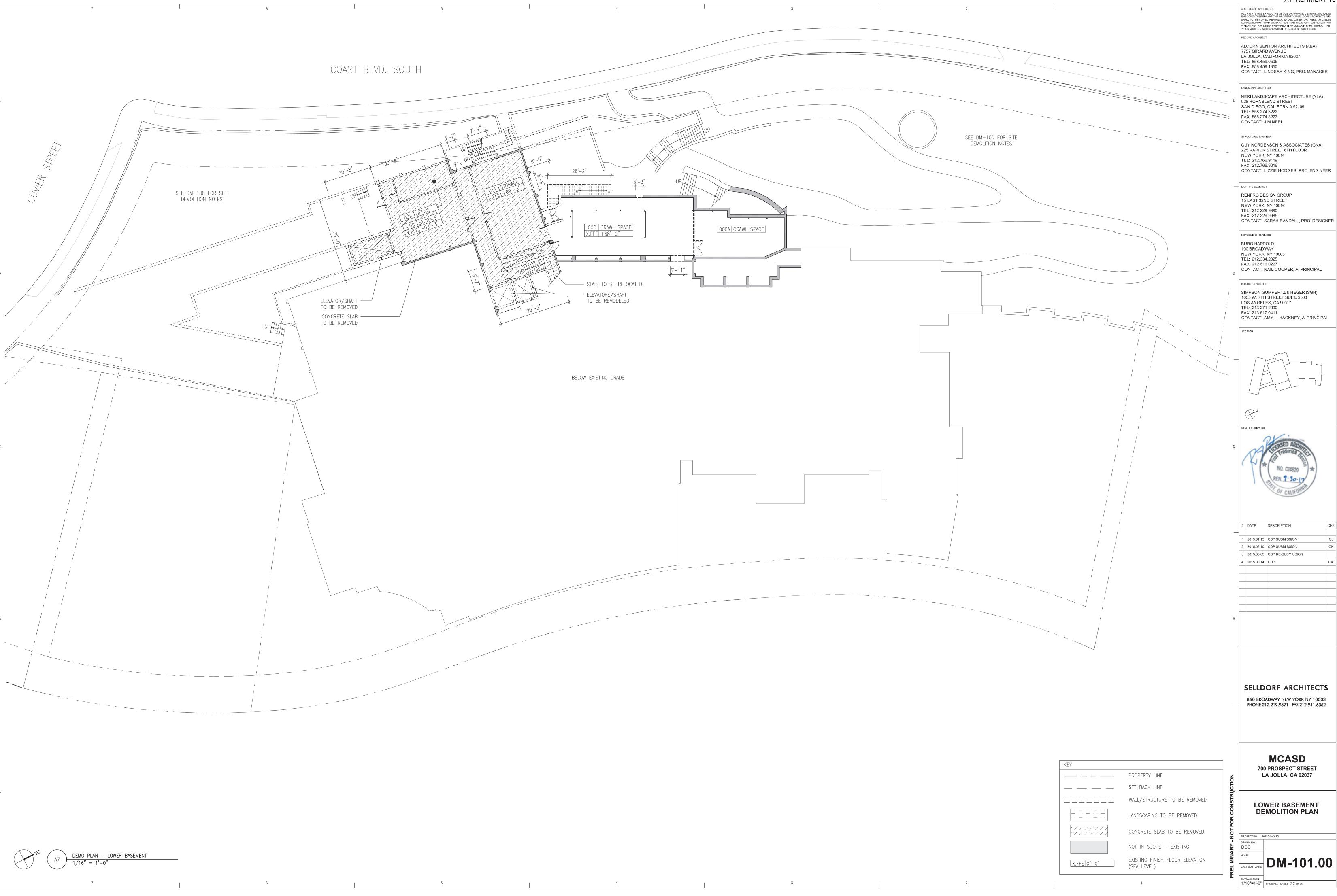
DATE:

LAST REV. DATE:

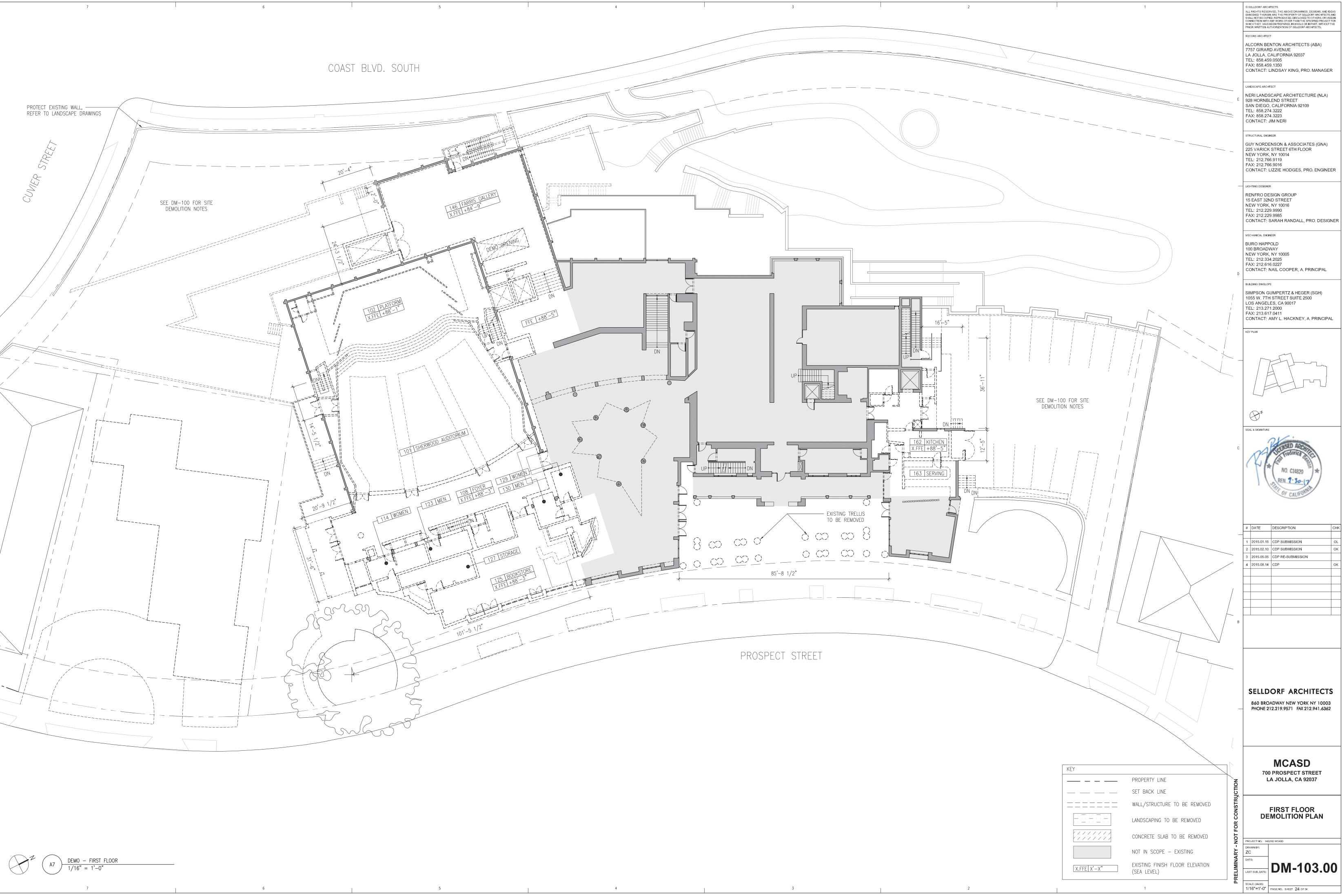
LAST REV. DATE:

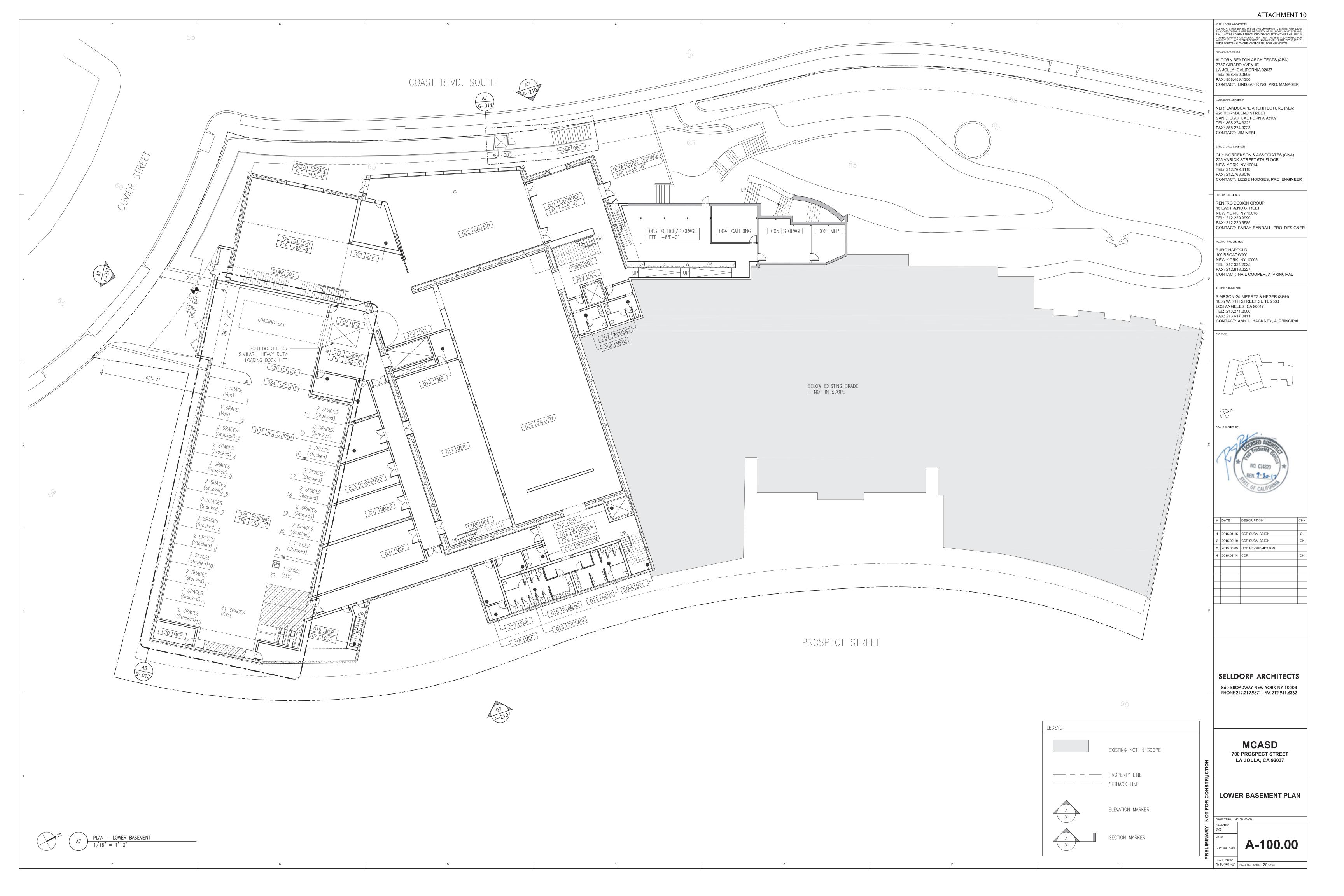


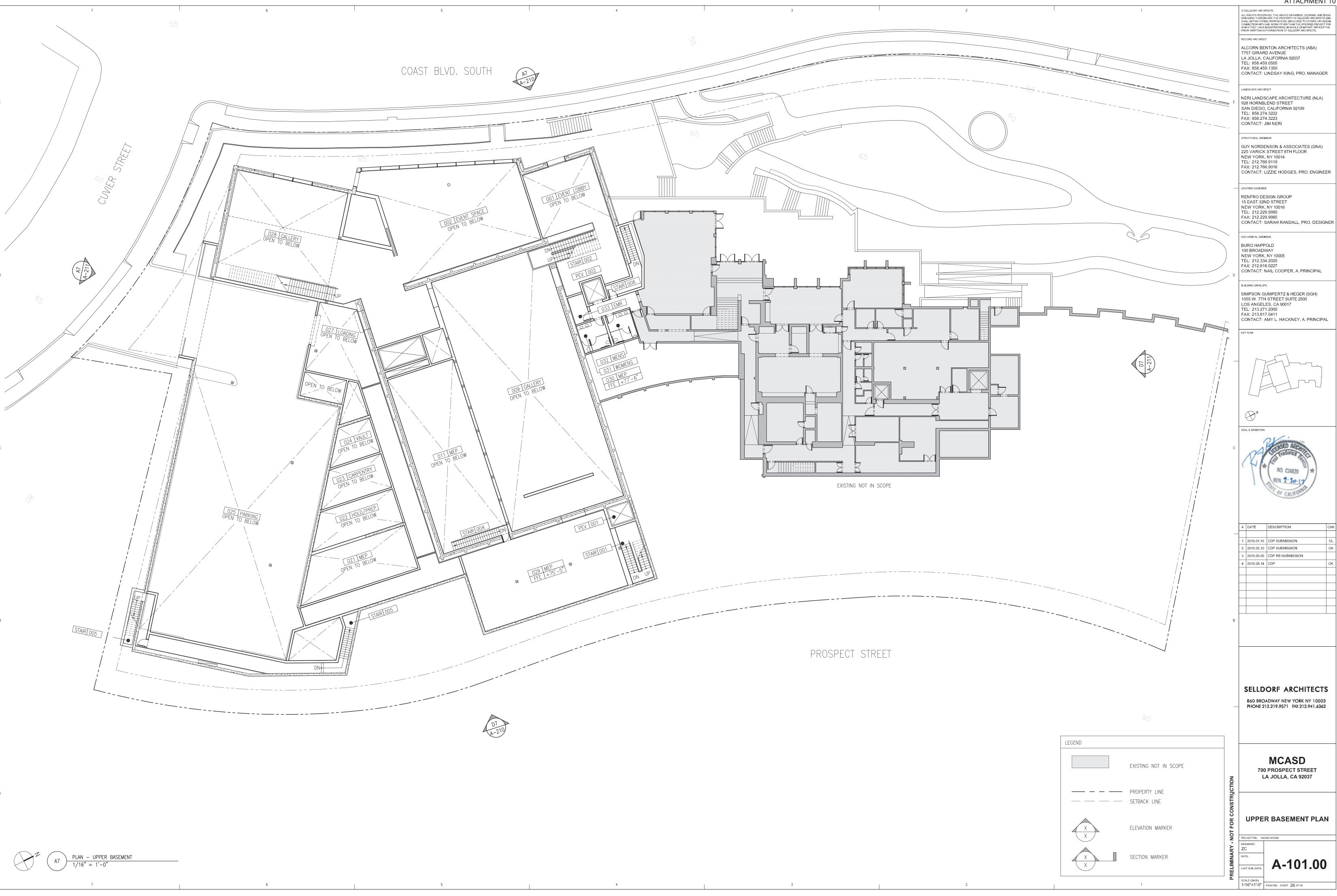


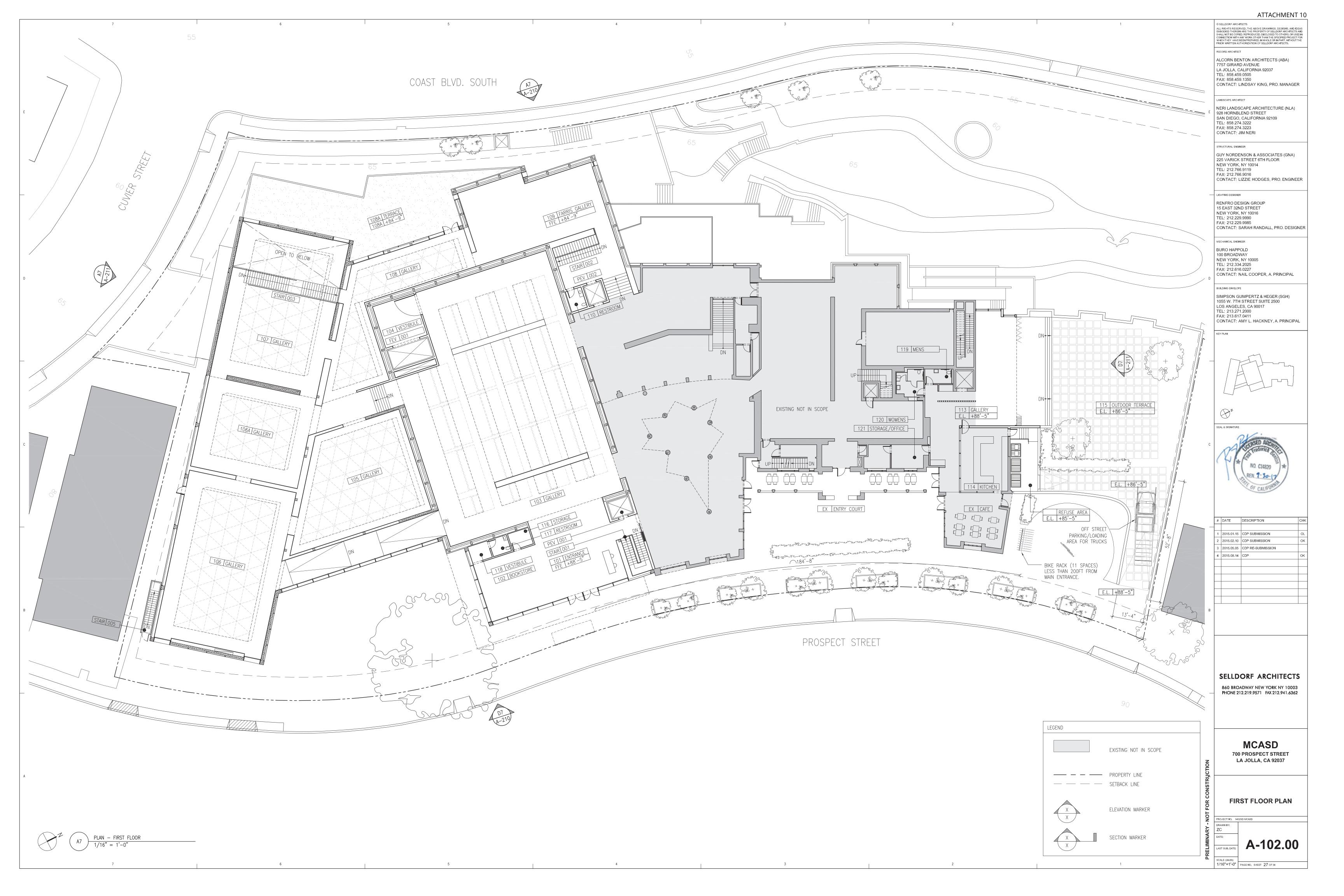












SCALE (24x36): 1/16"=1"-0" PAGE NO. SHEET 28 OF 34

