

DOCKETED

Docket Number:	24-OPT-02
Project Title:	Compass Energy Storage Project
TN #:	262127
Document Title:	Compass Site Plan Update
Description:	N/A
Filer:	Erin Phillips
Organization:	Dudek
Submitter Role:	Applicant Consultant
Submission Date:	3/7/2025 6:27:05 PM
Docketed Date:	3/10/2025



March 6, 2025

VIA ELECTRONIC MAIL

(eric.knight@energy.ca.gov)

Mr. Eric Knight, Manager
Siting & Environmental Branch
Siting, Transmission & Environmental Protection Division
California Energy Commission

RE: Compass Energy Storage Project – 24-OPT-02 - Supplemental Fire Protection Measures

Dear Mr. Knight:

Over the last year, Engie's Compass team has continued to coordinate with the Orange County Fire Authority (OCFA) to ensure the Compass Energy Storage Project (project) provides a comprehensive approach for the prevention and management of any fire related risks. The project application currently contains our draft Hazard Mitigation Analysis and Community Risk Assessment (plume analysis), along with annotated outlines of our Emergency Response Plan (ERP) and many other fire and safety management materials. We are working with the OCFA to complete the ERP with specific attention to their needs and recommendations.

As part of this ongoing effort, we recently received specific additional recommendations from OCFA regarding project design. In response to this feedback, we have prepared a conceptual revision to the project site plan that incorporates these specific recommendations. The following is a list of the intended changes with an annotation of the corresponding aspects of the application that needed clarification. Where necessary, updates have been included in the attachments to this letter.

1. Addition of two (2) fire entry gates along the northern boundary of the project site.
 - a. The conceptual revised site plan adds two (2) additional gate entrances along the northern border of the site. This includes approximately 500 feet of additional perimeter access road with required turning radii. This area was covered and included within the prior biological and cultural resource survey areas (please refer to the figures within Section 4.2, Biological Resources [TN #255535-6 and #258090-2] and Figure 3 of the Archaeological Resources Management Report [TN #258743]). These changes will not significantly modify the existing drainage or grading designs or calculations. An updated conceptual site plan depicting these gates and access road are attached to this letter.
 - b. The perimeter masonry wall and landscaping along the northern boundary will be retained, but will have two additional breaks to accommodate the new gates.

- i. Visual simulations for this area have been updated to accommodate OCFA's recommendations. The updated visual simulations are attached to this letter.
 - ii. An update of the conceptual landscape plan is provided to show where the landscape screening will have breaks for the new gates. Final and/or additional landscaping and gate width will be coordinated with the OCFA. Gates will incorporate a compatible green color to maintain project screening to the extent feasible.
2. OCFA has requested three (3) additional fire hydrants to be located inside the project boundary. These have been added and are shown on the updated conceptual site plan attached. These additional hydrants will improve fire department resources near the control building and southern portion of the facility, without any adverse impacts to the project area.
3. The internal layout of the battery containers has been modified to provide for another internal access road as depicted in the attached updated site plan. This will ensure that the OCFA has access no further than 100 feet from any location on the site for fire management purposes. There are no impacts to site disturbance or corresponding on site stormwater management from this design change.

We will be submitting this conceptual project site plan to the OCFA for their review and will keep the CEC apprised of any other comments or recommendations it suggests for the project.

It is our goal that this project provide the highest level of safety planning and management, and to partner with all emergency responders for the ongoing protection of the project and the surrounding communities.

Sincerely,



Renée L. Robin, J.D.
Director, Permitting & Planning
Engie North America

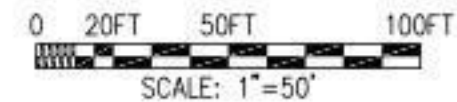
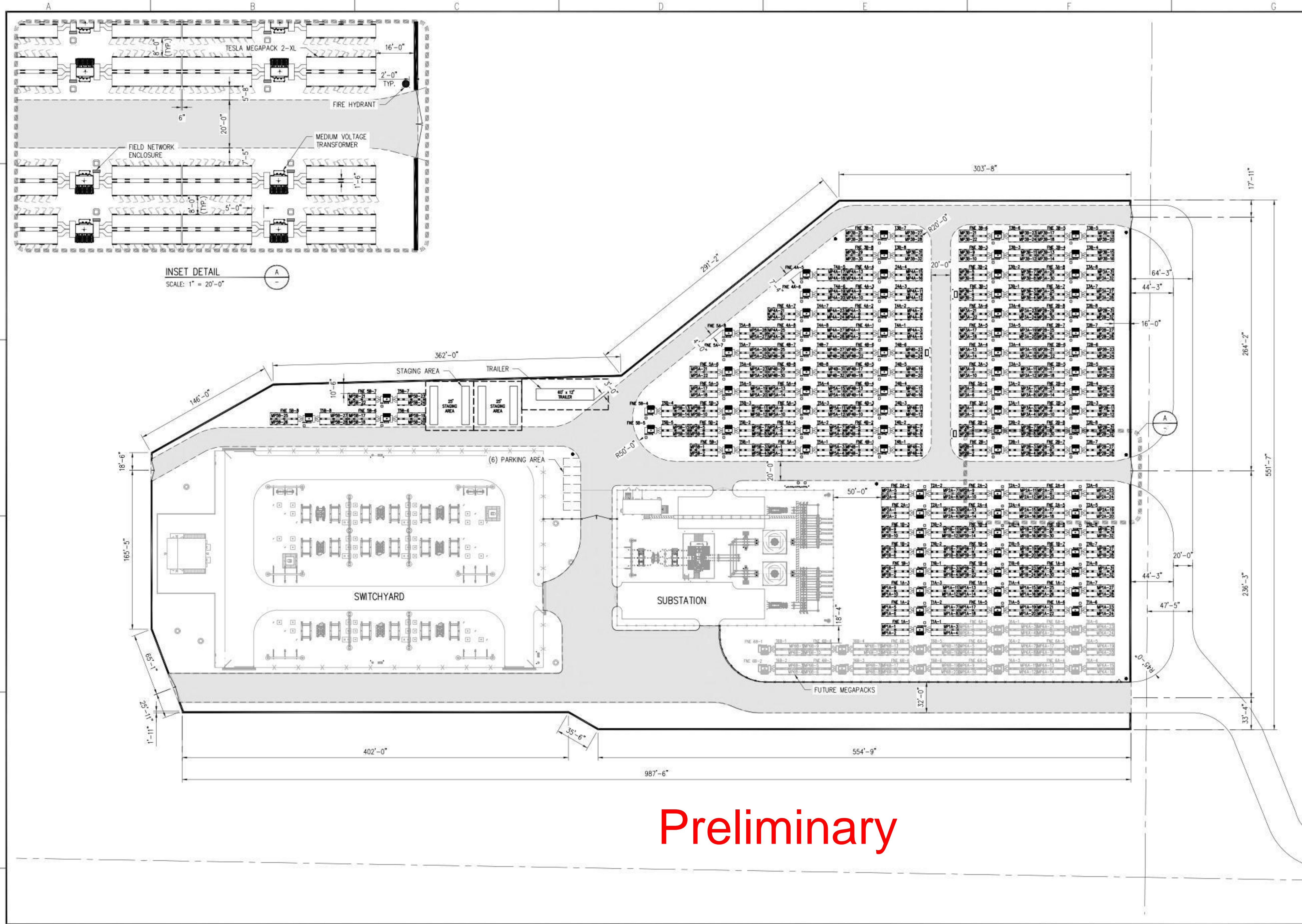
Attachments (3)

Updated Site Plan
Updated Visual Simulations (northern views)
Updated Landscape Plan (northern boundary)

cc: Renee Longman, CEC
Erin Phillips, Dudek
Kalen Nataf, Engie, N.A.

Attachment 1

Updated Site Plan



PROJECT TOTALS

- (80) 4.8 MVA MEDIUM VOLTAGE TRANSFORMERS
- (308) 1.32 MVA TESLA MEGAPACK 2-XL PCS UNITS
- (80) FIELD NETWORK ENCLOSURES (FNE)
- (1) TESLA MEGAPACK
- TOTAL OUTPUT: 250 MW/1000 MWh AC @ POF

LEGEND

- TESLA MEGAPACK 2-XL
- FUTURE TESLA MEGAPACK 2-XL
- MEDIUM VOLTAGE TRANSFORMER
- FUTURE MEDIUM VOLTAGE TRANSFORMER
- FIELD NETWORK ENCLOSURE
- FIRE HYDRANT
- SECTIONIZING CABINET
- SECTION LINE
- ADJACENT SUBSTATION FENCE
- PROJECT FENCE (BY OTHERS)
- GATE ENTRANCE
- PERIMETER WALL
- PROPOSED EQUIPMENT ACCESS

PRELIMINARY
NOT FOR CONSTRUCTION

HOLD
FOR VENDOR DRAWINGS

Preliminary

FILE LOCATION: N:\SHARED\01 ECI\EPC SERVICES\02 PROJECTS\EPCS-592 COMPASS BESS\BESS\200 SUBMITTALS\Layout CAD FILE\OLD\2025-02-28-CMP-D-B001-1-TO CLIENT.DWG LAST SAVED BY: IWS\steers 3/7/2025 11:11 AM PLOTTED BY: Isaac W. Steers 3/7/2025 11:13 AM Tab: CMP-D-B001-1

ECI ELECTRICAL CONSULTANTS, INC.
BILLINGS, MONTANA



ENGINEERING RECORD		DATE
DRAWN	BRUMLEY	05/08/24
DESIGNED	LaCOUNT	05/08/24
CHECKED		
APPROVED		
DWG SCALE: 1" = 50'-0"		PLT SCALE:

COMPASS ENERGY STORAGE
250 MW / 1000 MWh BATTERY SYSTEM
OVERALL BESS LAYOUT

DWG. NAME: CMP-D-B001-1

Attachment 2

Updated Visual Simulations (northern views)



View to the southwest from Interstate 5 with Visual Simulation of Project included (approximately 1 year vegetation maturity)

FIGURE 4.13-2a

View 1: Southbound Interstate 5 (Visual Simulation 1 Year Vegetative Maturity)

Visual Resources Section - Compass Energy Storage Project



View to the southwest from Interstate 5 with Visual Simulation of Project included (approximately 10 years vegetation maturity)

FIGURE 4.13-2b

View 1: Southbound Interstate 5 (Visual Simulation 10 Year Vegetative Maturity)

Visual Resources Section - Compass Energy Storage Project



View to the south from north of the Project site within Visual Simulation of Project included (approximately 1 year vegetation maturity)

FIGURE 4.13-4a

View 3: North of Project Site (Visual Simulation 1 Year Vegetative Maturity)

Compass Energy Storage Project



View to the south from north of the Project site within Visual Simulation of Project included (approximately 10 years vegetation maturity)

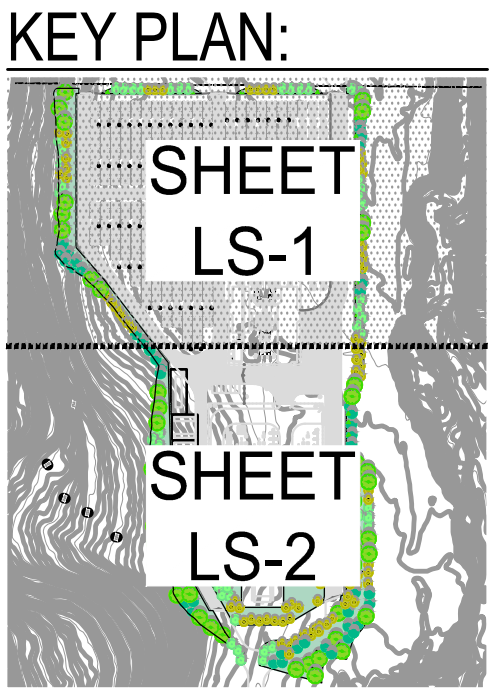
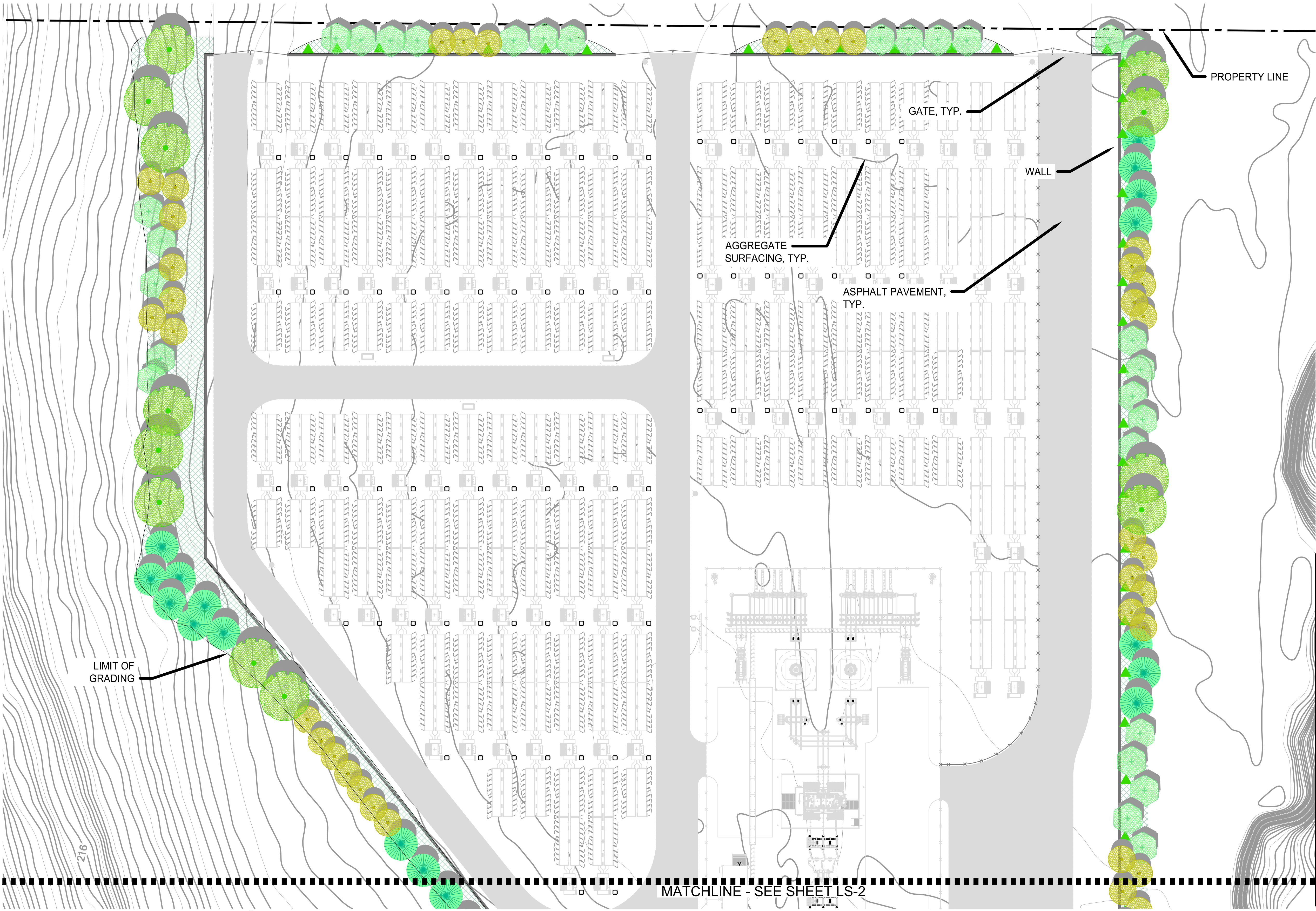
FIGURE 4.13-4b

View 3: North of Project Site (Visual Simulation 10 Year Vegetative Maturity)

Compass Energy Storage Project

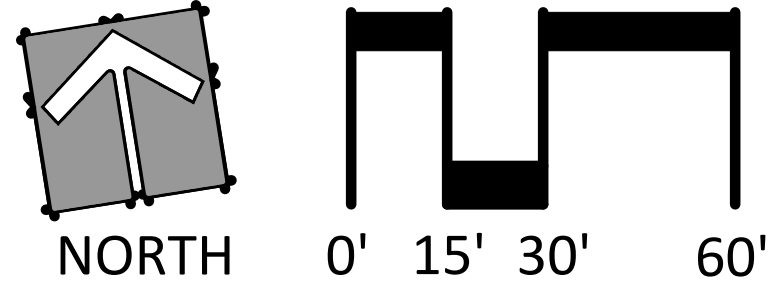
Attachment 3

Updated Landscape Plan



PLANT KEY:

BOTANICAL NAME	SYMBOL
TREES:	
LYONOTHAMNUS FLORIBUNDUS	
LAGUNARIA PATERSONIA	
QUERCUS AGRIFOLIA	
RHUS LANCEA	
SHRUBS & GROUNDCOVERS	
VINES	



PLANTING PLAN - NORTH
SEE SHEET LS-3 FOR PLANT LEGEND, AND PLANTING NOTES.
SEE SHEET LS-4 FOR DETAILS AND LS-5 FOR REPRESENTATIVE TREE IMAGES.
SEE SHEET LS-6 FOR IRRIGATION PLAN.

MARCH 7, 2025

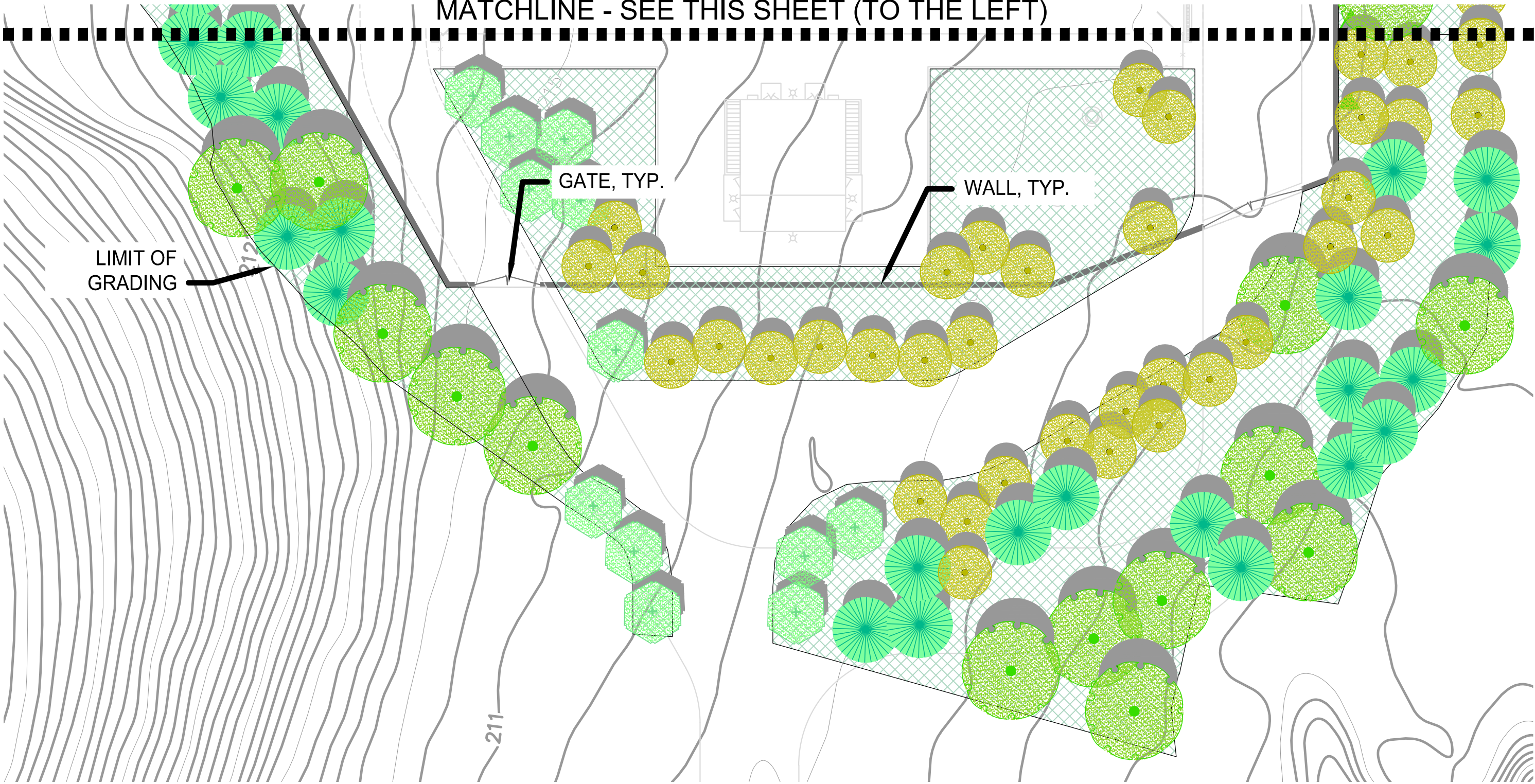
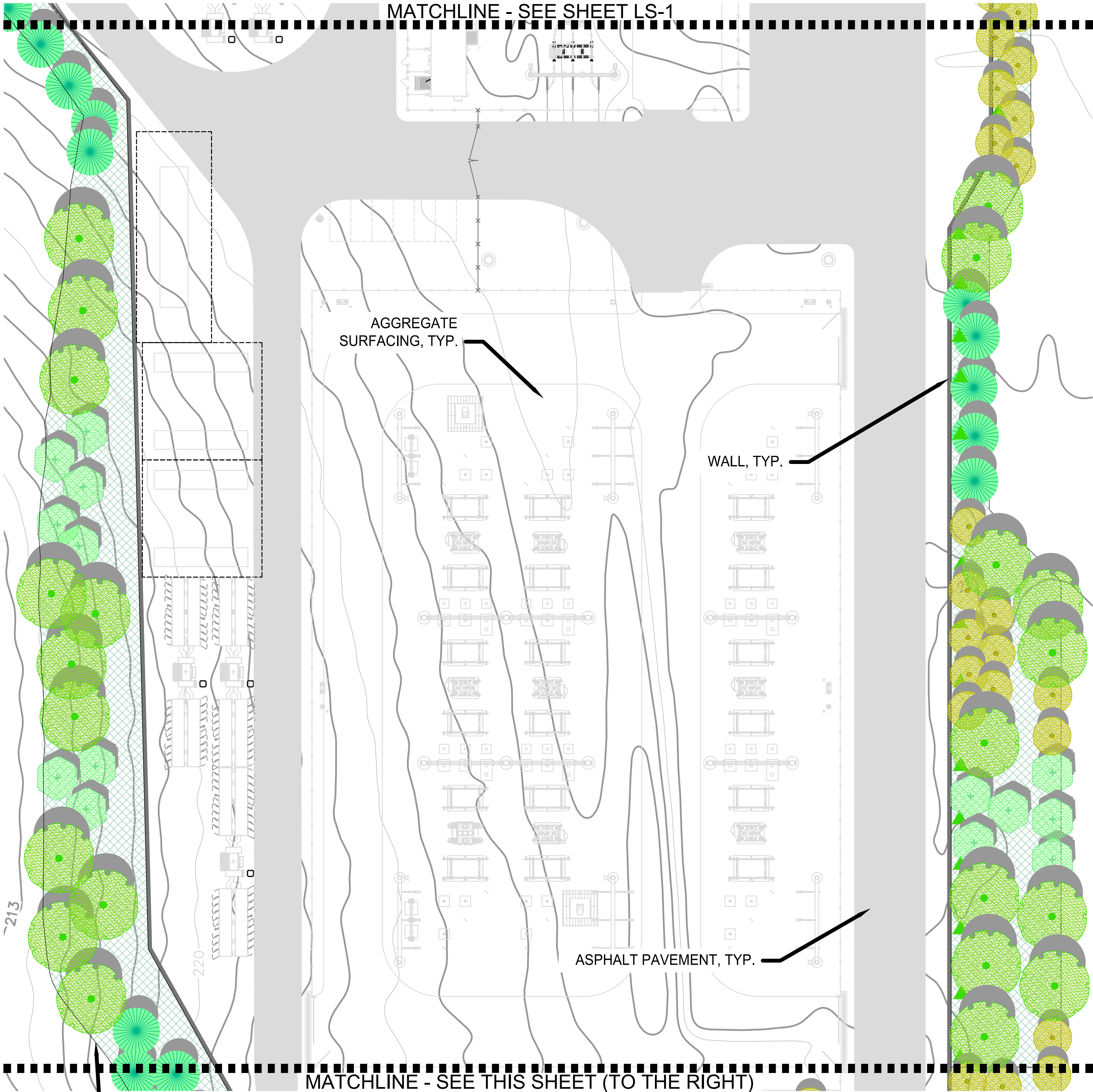
DUDEK
605 3RD STREET, ENCINITAS, CA 92024
760.942.5147

**PRELIMINARY LANDSCAPE PLAN
COMPASS ENERGY
STORAGE PROJECT**

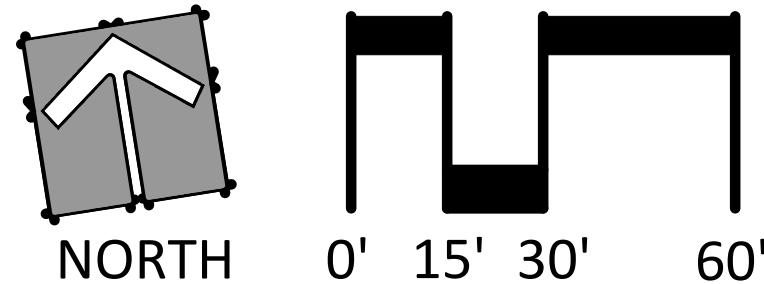
FOR BROAD REACH POWER

SHEET
LS-1

13166



PLANT KEY:	
BOTANICAL NAME	SYMBOL
TREES:	
LYONOTHAMNUS FLORIBUNDUS	
LAGUNARIA PATERSONIA	
QUERCUS AGRIFOLIA	
RHUS LANCEA	
SHRUBS & GROUNDCOVERS	
VINES	



PLANTING PLAN - SOUTH
SEE SHEET LS-3 FOR PLANT LEGEND, AND PLANTING NOTES.
SEE SHEET LS-4 FOR DETAILS AND LS-5 FOR REPRESENTATIVE TREE IMAGES.
SEE SHEET LS-6 FOR IRRIGATION PLAN.

MARCH 7, 2025

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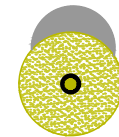

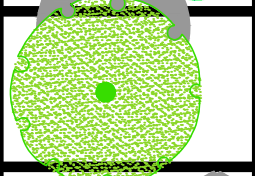
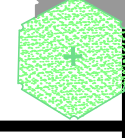
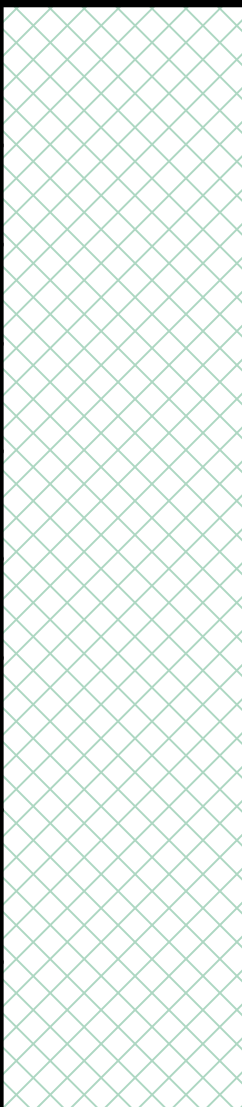

**PRELIMINARY LANDSCAPE PLAN
COMPASS ENERGY
STORAGE PROJECT**

FOR BROAD REACH POWER

SHEET
LS-2

13166

PLANT LEGEND:

BOTANICAL NAME	COMMON NAME	SIZE	AVERAGE SPACING	QUANTITY	GROWTH RATE	HEIGHT AT 1 YR / 5 YRS / MATURITY	WIDTH	WATER USE	SYMBOL
TREES:									
LYONOTHAMNUS FLORIBUNDUS	CATALINA IRONWOOD	24" BOX	15'	87	MODERATE (2' / YEAR)	10' / 20' / 20'-30'	20'-30'	LOW	
LAGUNARIA PATERSONIA	PRIMROSE TREE	24" BOX	15'	48	FAST (3' / YEAR)	13' / 28' / 50'	20'	LOW	
QUERCUS AGRIFOLIA	COAST LIVE OAK	24" BOX	30'	47	MODERATE (2' / YEAR)	12' /22' / 20'-50'	2'-50'	VERY LOW	
SEARSIA LANCEA	AFRICAN SUMAC	24" BOX	15'	54	MODERATE (2' / YEAR)	10' /20' / 25'-30'	25'-30'	LOW	
SHRUBS AND GROUNDCOVER:									
NATIVE SHRUBS									
ENCELIA CALIFORNICA	CALIFORNIA BUSH SUNFLOWER	1 GAL.	5'	566	FAST	1' / 5' / 5'	5'	VERY LOW	
HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	15'	63	MODERATE	2' / 8' /15'	10'-15'	VERY LOW	
MIMULUS AURANTIACUS VAR. PUNICEUS	RED MONKEYFLOWER	5 GAL	3'	1,572	FAST	2' / 3' /3'	3'	VERY LOW	
FRANGULA CALIFORNICA 'EVE CASE'	CALIFORNIA COFFEEBERRY	1 GAL.	5'	566	SLOW	1' / 3' / 4'	5'	VERY LOW	
RHUS INTEGRIFOLIA	LEMONADE BERRY	5 GAL	15'	63	FAST	2' / 6' / 15'	10'-30'	VERY LOW	
GROUNDCOVER									
BACCHARIS PILULARIS 'TWIN PEAKS'	DWARF COYOTE BUSH	1 GAL.	2'	3,537	FAST	1' / 2' / 2'	8'	LOW	
CEANOTHUS GRISEUS HORIZONTALIS 'YANKEE POINT'	CARMEL CREEPER	1 GAL.	3'	1,572	FAST	1' / 2' / 2'	10'	LOW	
VINES:									
DISTICTIS BUCCINATORIA	BLOOD RED TRUMPET VINE	5 GAL.	30'	51	FAST	2' / 10' / 40'	30'	MODERATE	

- PLANT REQUIREMENTS PER ORANGE COUNTY FIRE AUTHORITY GUIDELINE C-05
- HETEROMELES ARBUTIFOLIA: LIMITED TO GROUPS OF 3 MAX. PLACED MIN. 30 FEET APART AND LOCATED MUST BE PLACED AT LEAST 50 FEET FROM STRUCTURES.
 - MIMULUS AURIANTICUS: MUST BE FROM LOCALLY COLLECTED STOCK.
 - RHUS INTEGRIFOLIA: LIMITED TO GROUPS OF 3 MAX. PLACED MIN. 30 FEET APART AND LOCATED MUST BE PLACED AT LEAST 50 FEET FROM STRUCTURES.

PLANTING NOTES:

- ALL SHRUB AND TREE AREAS WILL BE MULCHED WITH WALK-ON-FIR BARK AND WILL BE IRRIGATED FOR 3 TO 5 YEARS VIA AN ABOVE-GROUND LOW-FLOW SYSTEM.
- DETAILED PLANTING AND IRRIGATION PLANS ARE ANTICIPATED TO BE PREPARED AT A LATER DATE, BASED UPON THIS PRELIMINARY PLAN.

CITY OF SAN JUAN CAPISTRANO LANDSCAPE GUIDELINES

THIS LANDSCAPE DESIGN PLAN HAS BEEN DESIGNED TO COMPLY WITH THE CITY OF SAN JUAN CAPISTRANO LANDSCAPE DOCUMENTATION CHECKLIST (LAST UPDATED APRIL 2011).

- SEE SHEET LS-6 FOR THE WATER EFFICIENT LANDSCAPE WORKSHEET DOCUMENTING THAT ESTIMATED APPLIED WATER USE (EAWU) IS LESS THAN THE MAXIMUM APPLIED WATER ALLOWANCE (MAWA).
- PLANTS WERE SELECTED USING THE FOLLOWING CRITERIA:
 - SUITABLE FOR SUNSET WESTERN CLIMATE ZONE 23.
 - HORTICULTURAL ATTRIBUTES TO MINIMIZE DAMAGE TO PROPERTY OR INFRASTRUCTURE.
 - MAXIMIZE SUMMER SHADE AND WINTER SOLAR GAIN FOR BUILDINGS.
 - NO TURF ON SLOPES GREATER THAN TEN (10) PERCENT.
 - TURF SHALL NOT EXCEED TWENTY PERCENT OF THE TOTAL LANDSCAPED AREA.
 - COMPLY WITH THE REQUIREMENTS AND STANDARDS AS SET FORTH BY THE ORANGE COUNTY FIRE AUTHORITY (OCFA).
 - NO INVASIVE AND/OR NOXIOUS PLANT SPECIES AS LISTED ON THE CALIFORNIA INVASIVE PLANT COUNCIL (CAL-IPC) "INVASIVE PLANT INVENTORY" FOR SOUTHERN CALIFORNIA.

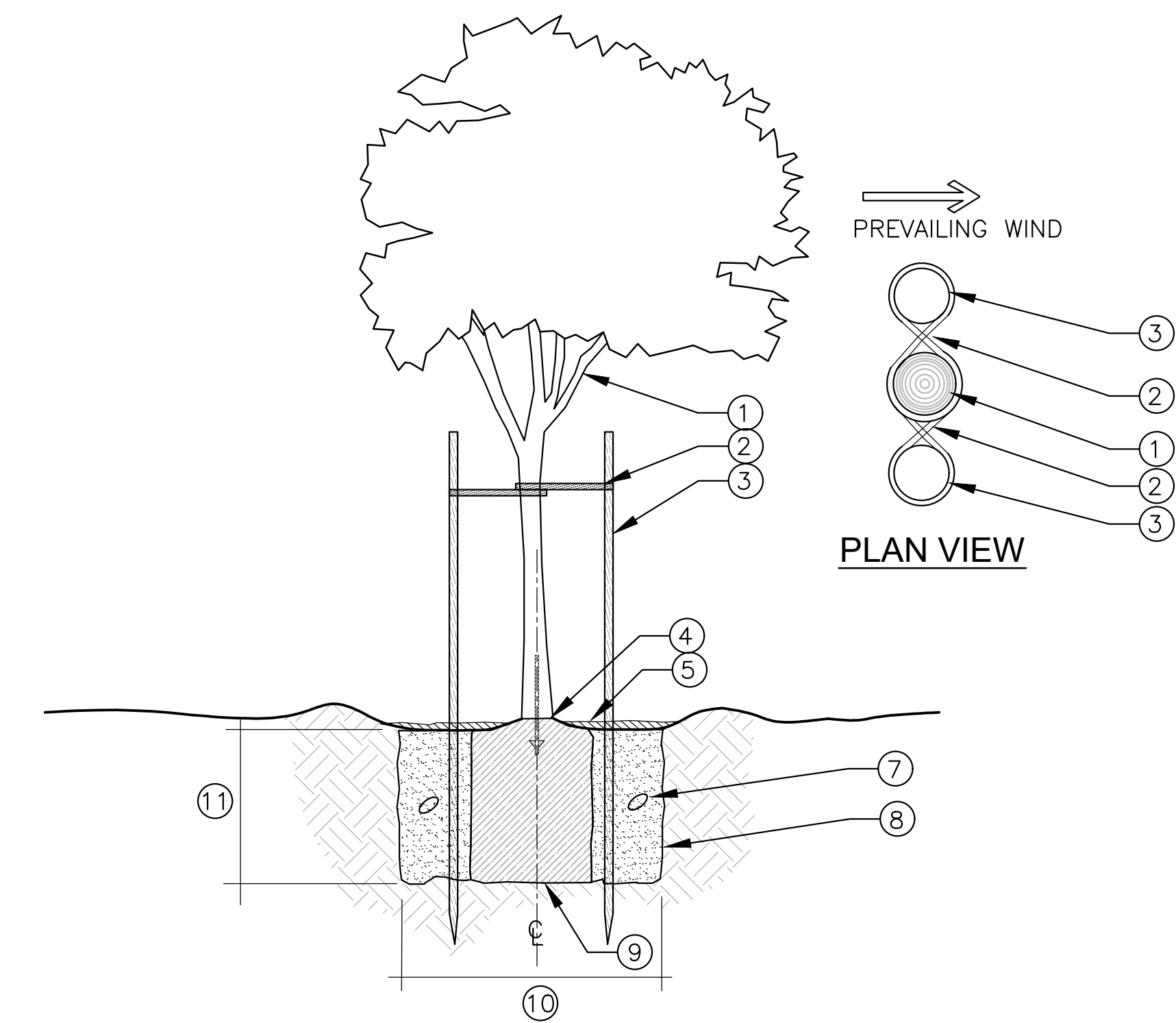
SUMMARY OF SURFACES	
DECRPTION	AREA (SF)
PERVIOUS SURFACE	
EXISTING	530,784
PROPOSED	324,198
PROPOSED LANDSCAPE AREA	99,048
IMPERVIOUS SURFACE	
EXISTING	7,636
PROPOSED	115,174

PLANT LEGEND AND NOTES

SEE SHEETS LS-1 AND LS-2 FOR PLANTING PLAN.
SEE SHEET LS-4 FOR DETAILS AND LS-5 FOR REPRESENTATIVE TREE IMAGES.
SEE SHEET LS-6 FOR IRRIGATION PLAN.

MARCH 7, 2025

<div>DUDEK</div> <div>605 3RD STREET, ENCINITAS, CA 92024</div> <div>760.942.5147</div>	PRELIMINARY LANDSCAPE PLAN	SHEET
	COMPASS ENERGY	LS-3
STORAGE PROJECT		
FOR	BROAD REACH POWER	13166



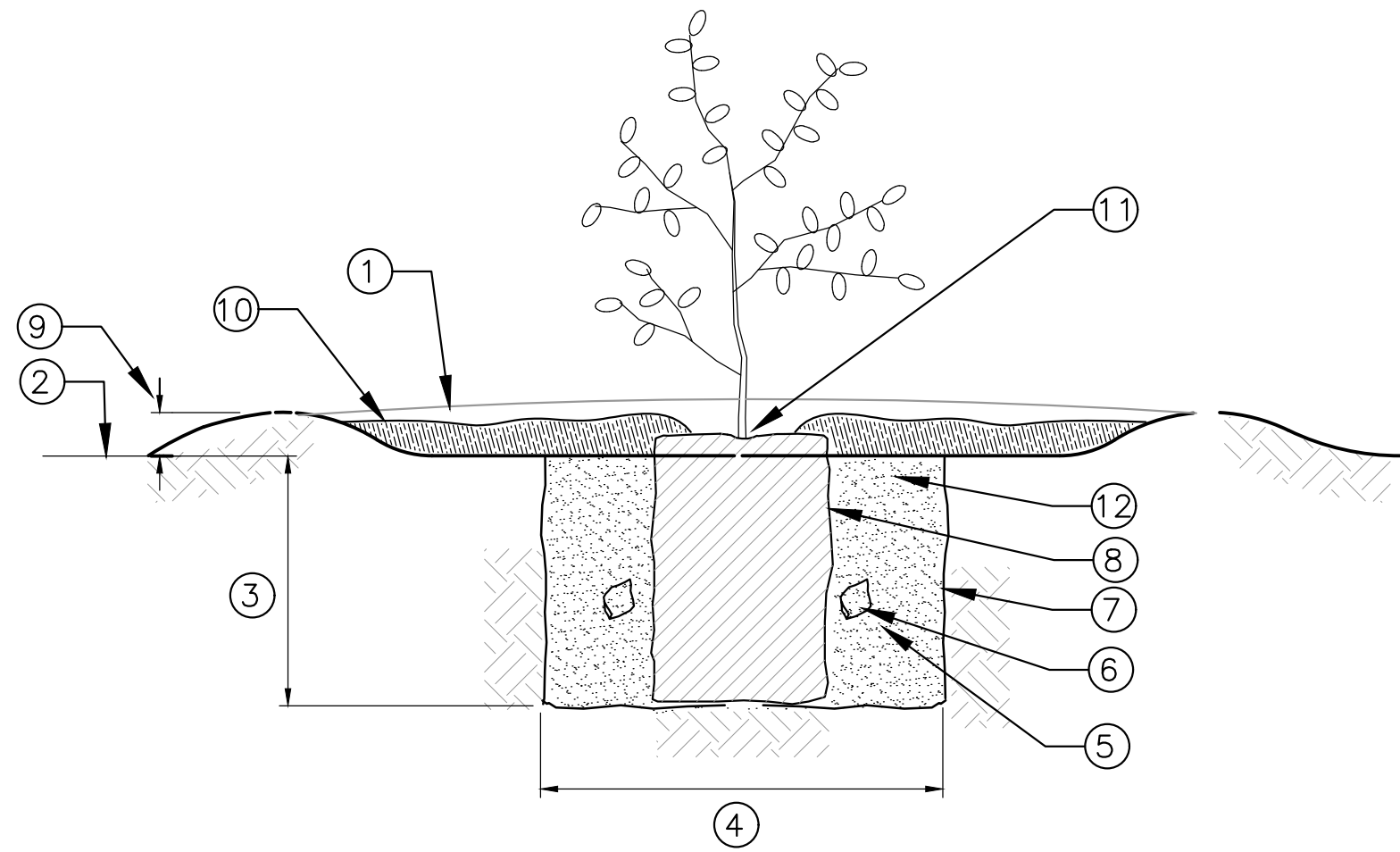
ITEM	DESCRIPTION
1	15 GALLON OR 24" BOX TREE, (SEE PLANS & PLANTING LIST)
2	(2) No.10 GAUGE GALVANIZED WIRE WITH RUBBER OR PLASTIC HOSE AROUND. STAPLE TO STAKE
3	(2) 2" DIAMETER TREATED LODGEPOLE TREE STAKES (SET PLUMB); DO NOT PENETRATE ROOTBALL
4	ROOT CROWN/TRUNK FLARE OF TREE 1" ABOVE FINISH GRADE
5	2" THICK MULCH LAYER IN PLANTING BASIN, AS SPECIFIED. HOLD BACK 3" FROM ROOT CROWN
6	WATERING BASIN 6" ABOVE FINISH GRADE, FIRMLY COMPACTED
7	CONTROLLED RELEASE FERTILIZER PACKETS TO BE INCLUDED IN BACKFILL MIX (PER SOIL ANALYSIS). PACKS PER TREE: (9) FOR 15 GAL., (15) FOR 24" BOX
8	BACK FILL MIX PER SOIL AMENDING REQUIREMENTS
9	ROOT BALL (SIZE VARIES PER PLAN)
10	EXCAVATE TO DEPTH OF ROOTBALL
11	EXCAVATE TO 2.5X WIDTH OF ROOTBALL

A

LS-4

24" BOX OR 15 GALLON TREE PLANTING

NOT TO SCALE



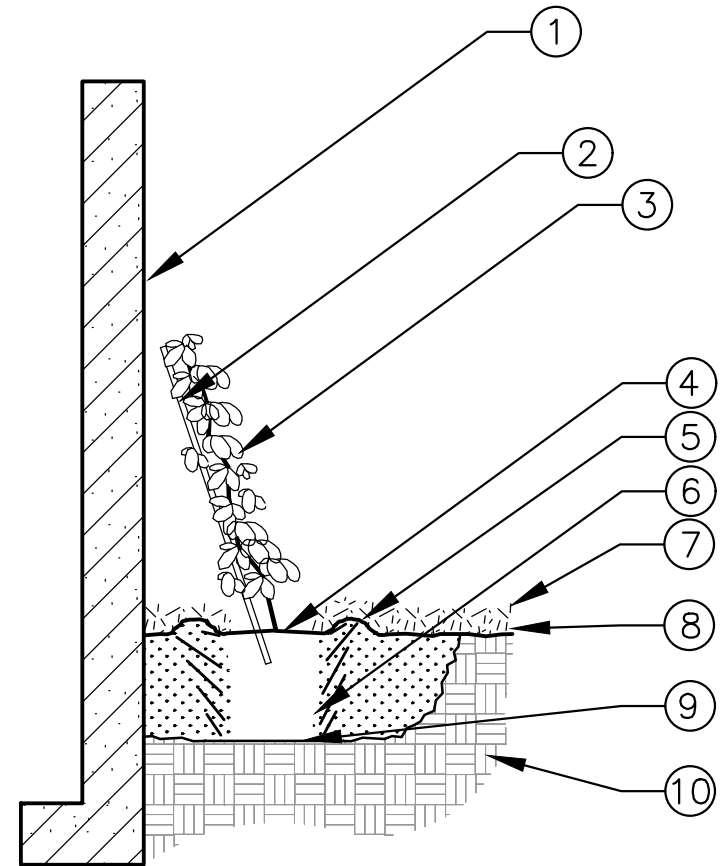
ITEM	DESCRIPTION
1	EXISTING GRADE
2	FINISH GRADE
3	DIG PLANTING HOLE DEPTH OF ROOT BALL & 2X WIDTH
4	TWO TIMES WIDTH OF ROOT BALL
5	WATER AND TAMP BACKFILL MIX WELL. TO BE FREE OF ROCKS AND CLODS OVER 1" DIA.
6	2 CONTROLLED RELEASE FERTILIZER PACKETS TO BE INCLUDED IN BACKFILL MIX
7	SCARIFY SIDES OF PLANTING PIT
8	ROOT BALL
9	WATERING BASIN 6" ABOVE FINISH GRADE
10	3" THICK SHREDDED BARK MULCH LAYER 18" RADIUS. HOLD BACK 3" FROM ROOT CROWN
11	ROOT CROWN OF SHRUB 1" ABOVE FINISH GRADE
12	BACK FILL MIX PER SOIL AMENDING REQUIREMENTS

C

LS-4

1 GALLON AND 5 GALLON SHRUB PLANTING

NOT TO SCALE



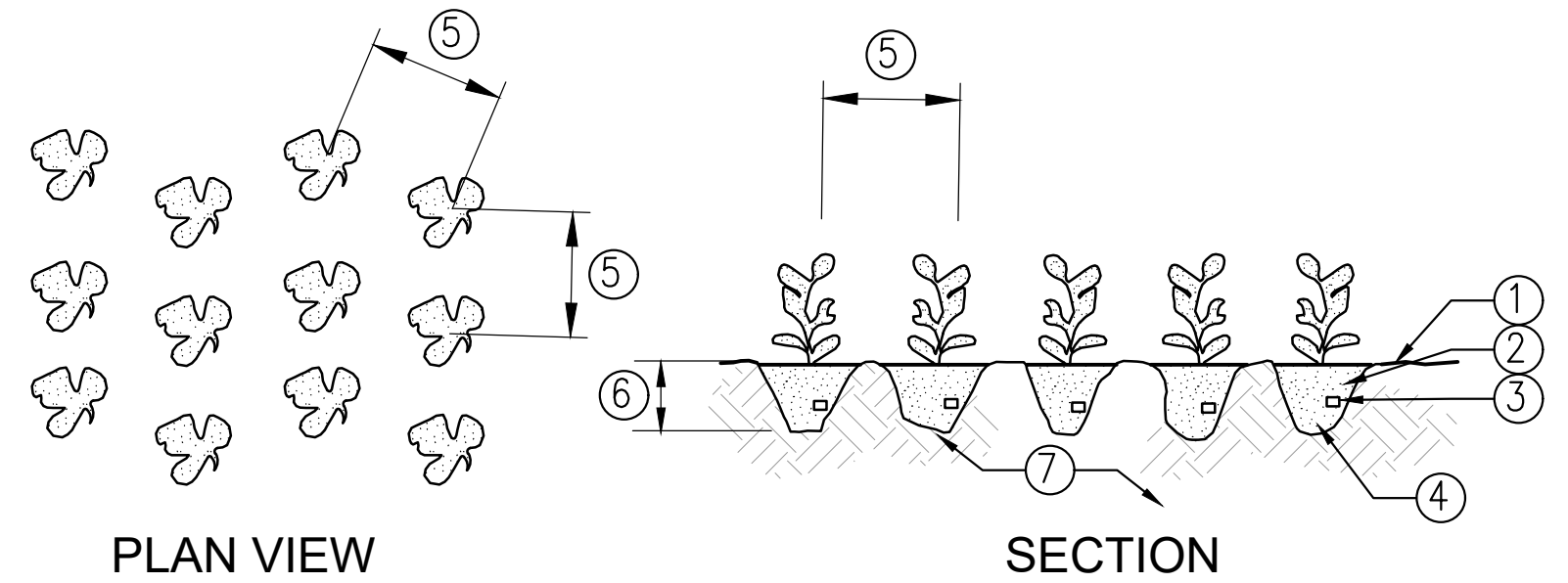
ITEM	DESCRIPTION
1	FACE OF WALL OR BUILDING
2	LEAN NURSERY STAKE AGAINST THE WALL. STAKE TO BE REMOVED AT THE END OF THE MAINTENANCE PERIOD AFTER THE VINE HAS ATTACHED TO THE WALL.
3	VINE
4	THREE TIMES WIDTH OF ROOT BALL
5	4" TO 8" WIDE ROUND TOPPED SOIL BERM ABOVE ROOT BALL SURFACE AROUND ROOT BALL
6	POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL
7	4" LAYER OF MULCH
8	FINISH GRADE
9	ROOT BALL RESTS ON EXISTING OR RECOMPACTED SOIL
10	EXISTING SOIL

D

LS-4

VINE PLANTING

NOT TO SCALE



ITEM	DESCRIPTION
1	FINISH GRADE
2	ROOT BALL
3	1 CONTROLLED RELEASE FERTILIZER PACKETS TO BE INCLUDED IN BACKFILL MIX
4	WATER AND TAMP BACKFILL MIX WELL
5	SEE PLANTING LEGEND FOR SPACING. PLANT GROUNDCOVER PLANTS EVENLY AT 12" O.C.
6	DEPTH OF ROOT BALL
7	AMENDED SOIL

C

LS-4

SHRUB/GROUNDCOVER PLANTING

NOT TO SCALE

PLANTING DETAILS

SEE SHEETS LS-1 AND LS-2 FOR PLANTING PLAN.
SEE SHEET LS-3 FOR PLANT LEGEND, AND PLANTING NOTES.
SEE SHEET LS-5 FOR REPRESENTATIVE TREE IMAGES.
SEE SHEET LS-6 FOR IRRIGATION PLAN.

MARCH 7, 2025

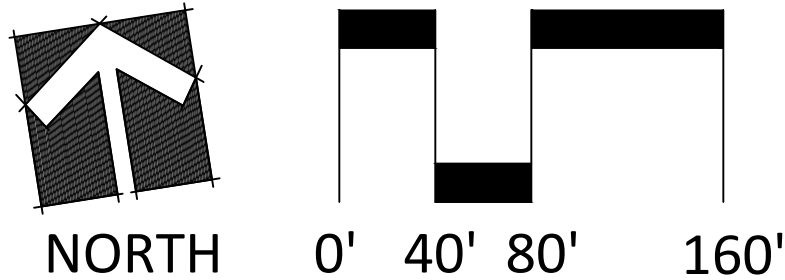
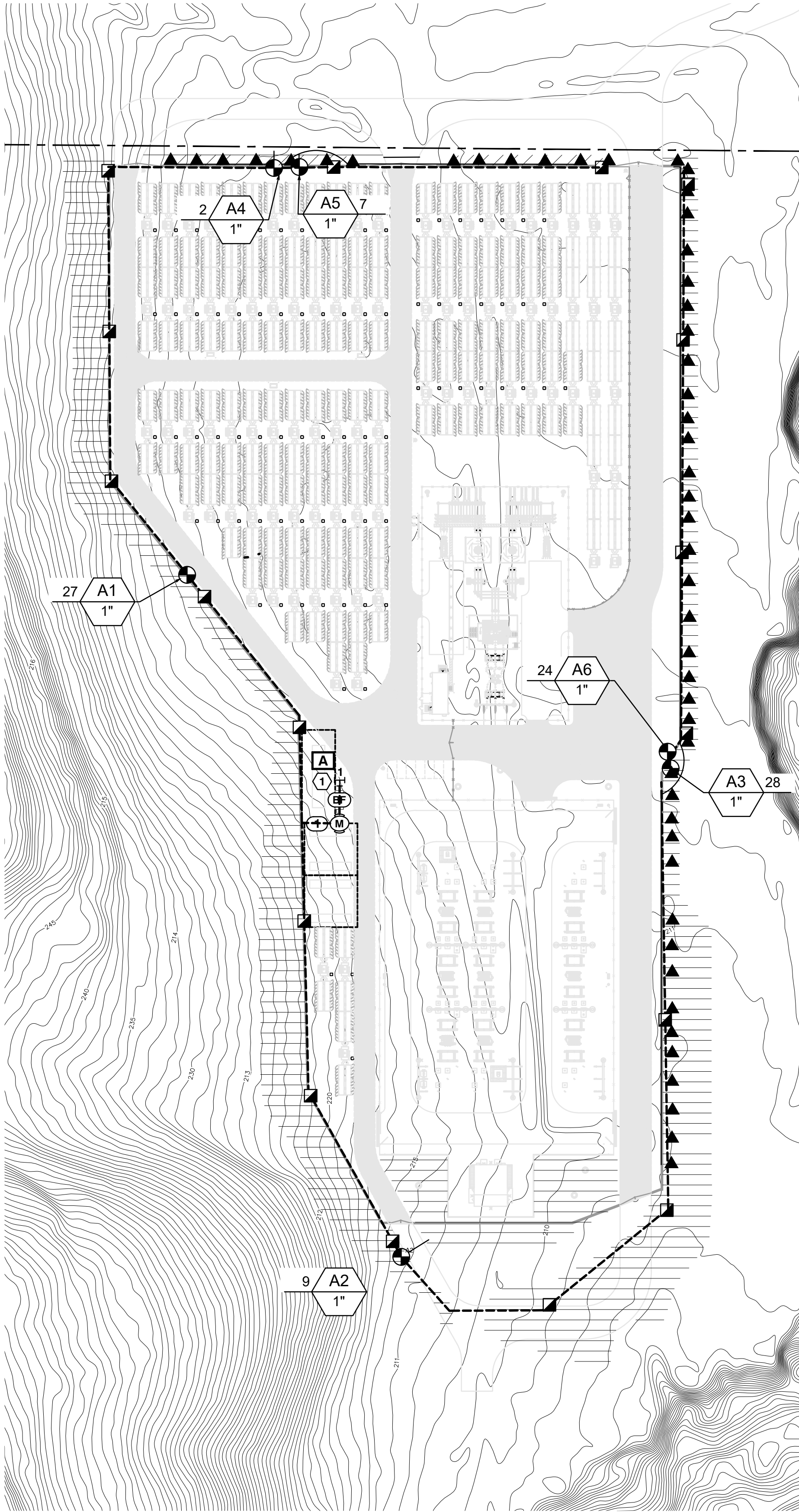
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PRELIMINARY LANDSCAPE PLAN
COMPASS ENERGY
STORAGE PROJECT

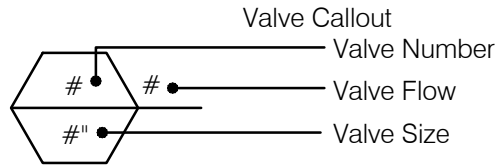
FOR BROAD REACH POWER

SHEET
LS-4

13166



IRRIGATION SCHEDULE	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	IN-LINE DRIP EMITTERS 0.16 GPH EMITTERS AT 24" O.C. DRIPPERLINE LATERALS SPACED AT 24" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN.
▲	DRIP EMITTER 0.5 GPH PRESSURE COMPENSATING DRIP EMITTER WITH DIFFUSION CAP. TWO (2) EMITTERS PER SYMBOL, PLACED ON OPPOSITE SIDES OF PLANT.
1	POINT OF CONNECTION MINIMUM 80 GPM AND 100 PSI WATER CONNECTION.
Ⓟ	BACKFLOW PREVENTION DEVICE REDUCED PRESSURE DOUBLE-CHECK VALVE ASSEMBLY
①	FLOW SENSOR CONNECTED TO IRRIGATION CONTROLLER
Ⓜ	MASTER VALVE 2" PLASTIC ELECTRIC REMOTE CONTROL VALVE, GLOBE CONFIGURATION WITH NPT THREADED INLET/OUTLET.
⊕	REMOTE CONTROL VALVE 1 IN. AND 1-1/2 IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET.
■	QUICK COUPLER VALVE 1 IN. NPT INLET WITH 2-PIECE BOD AND YELLOW RUBBER LOCKING COVER.
A	4-STATION AUTOMATIC CONTROLLER
①	WEATHER STATION WITH RAIN SENSOR AND WIND SENSOR
— — — — —	IRRIGATION LATERAL LINE PVC CLASS 315 SDR 13.5, SIZED 3/4" TO 2" AS REQUIRED
- - - - -	IRRIGATION MAINLINE PVC CLASS 315 SDR 13.5, SIZED 1" TO 2" AS REQUIRED



IRRIGATION PLAN

SEE SHEETS LS-1 AND LS-2 FOR PLANTING PLAN.
SEE SHEET LS-3 FOR PLANT LEGEND, AND PLANTING NOTES.
SEE SHEET LS-4 FOR DETAILS AND LS-5 FOR REPRESENTATIVE TREE IMAGES.

WATER EFFICIENT LANDSCAPE WORKSHEET								
(AS REQUIRED BY THE W.E.L.O.)								
REFERENCE EVAPOTRANSPIRATION (ETo)			43.3		MAWA ETAF		0.45	
HYDROZONE / PLANT TYPE	VALVE #	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY (IE)	ETAF (PF/IE)	LANDSCAPE AREA (SQ.FT.)	ETAF x AREA	ESTIMATED APPLIED WATER USE (EAWU)
REGULAR LANDSCAPE AREAS								
LOW WATER USE PLANTS	1	0.3	INLINE DRIP	0.81	0.37	40,942	15,164	407,085
LOW WATER USE PLANTS	2	0.3	INLINE DRIP	0.81	0.37	12,625	4,676	125,530
LOW WATER USE PLANTS	3	0.3	INLINE DRIP	0.81	0.37	42,203	15,631	419,623
LOW WATER USE PLANTS	4	0.3	INLINE DRIP	0.81	0.37	3,278	1,214	32,593
MODERATE WATER USE VINES	5	0.6	DRIP EMITTER	0.81	0.74	188	140	3,747
MODERATE WATER USE VINES	6	0.6	DRIP EMITTER	0.81	0.74	590	437	11,739
TOTALS						99,827	37,261	
TOTAL LANDSCAPE AREA (SQFT)								99,827
EAWU (GAL/YEAR)								1,000,316
MAWA (GAL/YEAR)								1,205,977
AVERAGE ETAF								0.37
NOTES:								
1 IRRIGATION EFFICIENCY			3 ETAF Variable					
SPRAY 0.75			RESIDENTIAL 0.55					
DRIP 0.81			ALL OTHERS 0.45					
2 PLANT FACTOR			4 MAWA (MAXIMUM APPLIED WATER ALLOWANCE)					
LOW 0.1-0.3			=(ETO)(0.62)[(ETAF X LA)+(1-ETAF) X SLA]]					
MED 0.4-0.6			5 EAWU (ESTIMATED APPLIED WATER USE)					
HIGH 0.7-1			=(ETO)(0.62)[(ETAF)(LA)+SLA]					
IMPORTANT NOTE REGARDING IRRIGATION DESIGN EFFICIENCY: THE IRRIGATION SYSTEM HYDRAULICS, CONTROLLER OPERATION, NOZZLE SELECTION, HEAD SPACING AND PLACEMENT ARE DESIGNED TO BE IN CONFORMANCE WITH THE CITY'S WATER EFFICIENT LANDSCAPE ORDINANCE. THE IRRIGATION DESIGN IS INTENDED TO OPERATE WITH A MINIMUM DISTRIBUTION UNIFORMITY OF 81% FOR DRIP OR BUBBLER SYSTEM DEVICES. WHILE THE DESIGN IS DIAGRAMMATIC, THE CONTRACTOR SHALL ENSURE THAT THE MINIMUM DISTRIBUTION UNIFORMITY IS MET BY MAKING MINOR YET VIABLE ADJUSTMENTS IN THE FIELD DURING CONSTRUCTION. CONTRACTOR SHALL CONTACT THE PROJECT OWNER IMMEDIATELY IF, FOR ANY REASON, HE/SHE FORESEES THAT THE SYSTEM AS DESIGNED CANNOT MEET THE MINIMUM DISTRIBUTION UNIFORMITY SPECIFIED.								

IRRIGATION NOTES:

- PLANTINGS ARE COMPRISED OF SOUTHERN CALIFORNIA NATIVES, NATIVE CULTIVARS, AND DROUGHT TOLERANT ORNAMENTAL SPECIES THAT SHOULD SURVIVE WITH MINIMAL SUPPLEMENTAL IRRIGATION ONCE ESTABLISHED.
- ESTABLISHMENT PERIOD: INCREASE WATERING BY 20% DURING FIRST 3 MONTHS FOLLOWING PLANT INSTALLATION. AFTER THREE TO FIVE YEARS WHEN PLANT ROOT SYSTEMS ARE SUFFICIENT TO SUPPORT PLANTS WITH MINIMAL SUPPLEMENTAL WATER, TAPER WATERING SCHEDULE TO PROVIDE SUPPLEMENTAL WATER DURING EXCEPTIONALLY HOT AND DRY WEATHER AS NEEDED FOR PLANT SURVIVAL.
- AN AUTOMATIC, ELECTRICALLY CONTROLLED IRRIGATION SYSTEM SHALL BE PROVIDED AS REQUIRED BY LDC 142.0403(C) FOR PROPER IRRIGATION, DEVELOPMENT, AND MAINTENANCE OF THE VEGETATION IN A HEALTHY, DISEASE-RESISTANT CONDITION.
- BROAD BEACH POWER WILL BE RESPONSIBLE FOR LANDSCAPE MAINTENANCE.

MARCH 7, 2025

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PRELIMINARY LANDSCAPE PLAN
COMPASS ENERGY
STORAGE PROJECT

FOR BROAD REACH POWER

SHEET
LS-6

13166