

San Lorenzo River

LEVEE CENTERLINE

PROPOSED LANDSCAPE IMPROVEMENTS (TYP.), SEE LANDSCAPE PLAN

PROPOSED STORM DRAIN LINES

EXISTING LEVEE PATH TO REMAIN

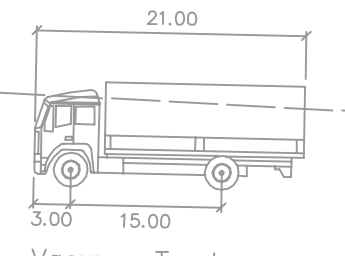
PROPOSED BIO-RETENTION AREA

LEVEE CENTERLINE

STORM MANHOLE CONNECTION TO EXISTING 48" STORM DRAIN MAIN

DEVELOPMENT WITHIN PRIVATE PROPERTY

PROPOSED PRIVATE RETAINING WALL

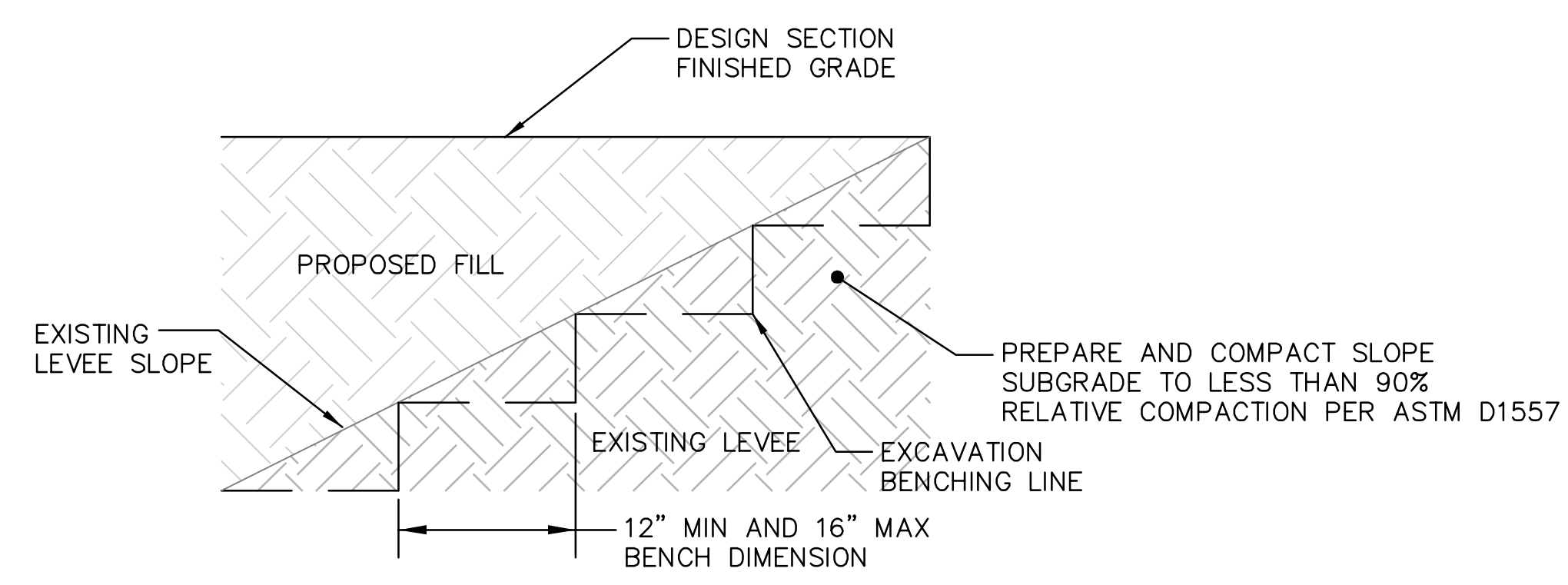
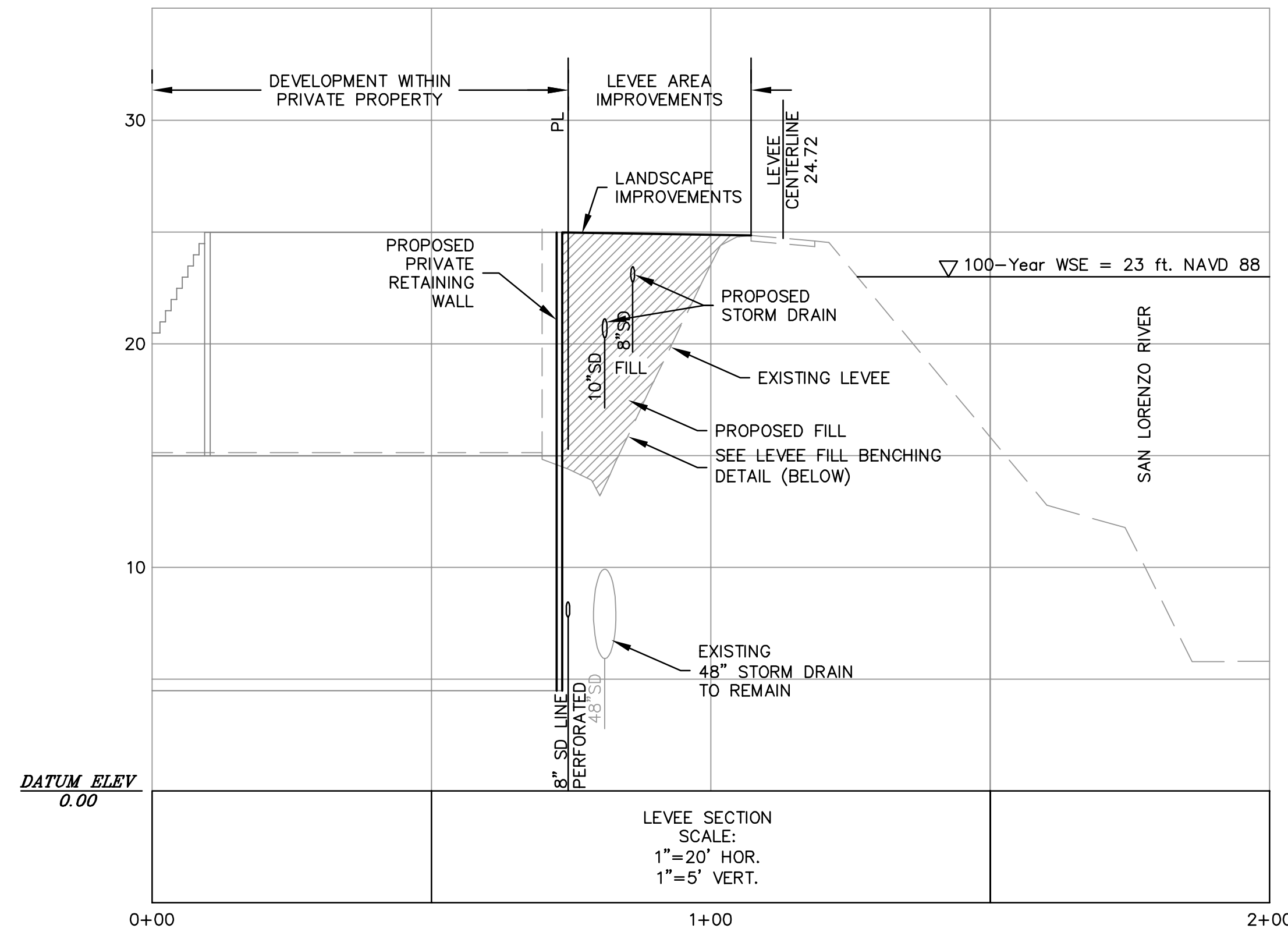


DRAWING NAME: K:\2017\176131_Riverfront_Apt_SantaCruz\ENG\BASE_FILES\CIVIL\PLANS\01.dwg
PLOT DATE: 09-10-19 PLOTTED BY: BUR

65% DESIGN



DRAWING NAME: K:\2017\176131_Riverfront_Apt_Santa_Cruz\ENG\BASE_FILES\CIVIL\PLANS01.dwg
PLOT DATE: 09-10-19 PLOTTED BY: BUR



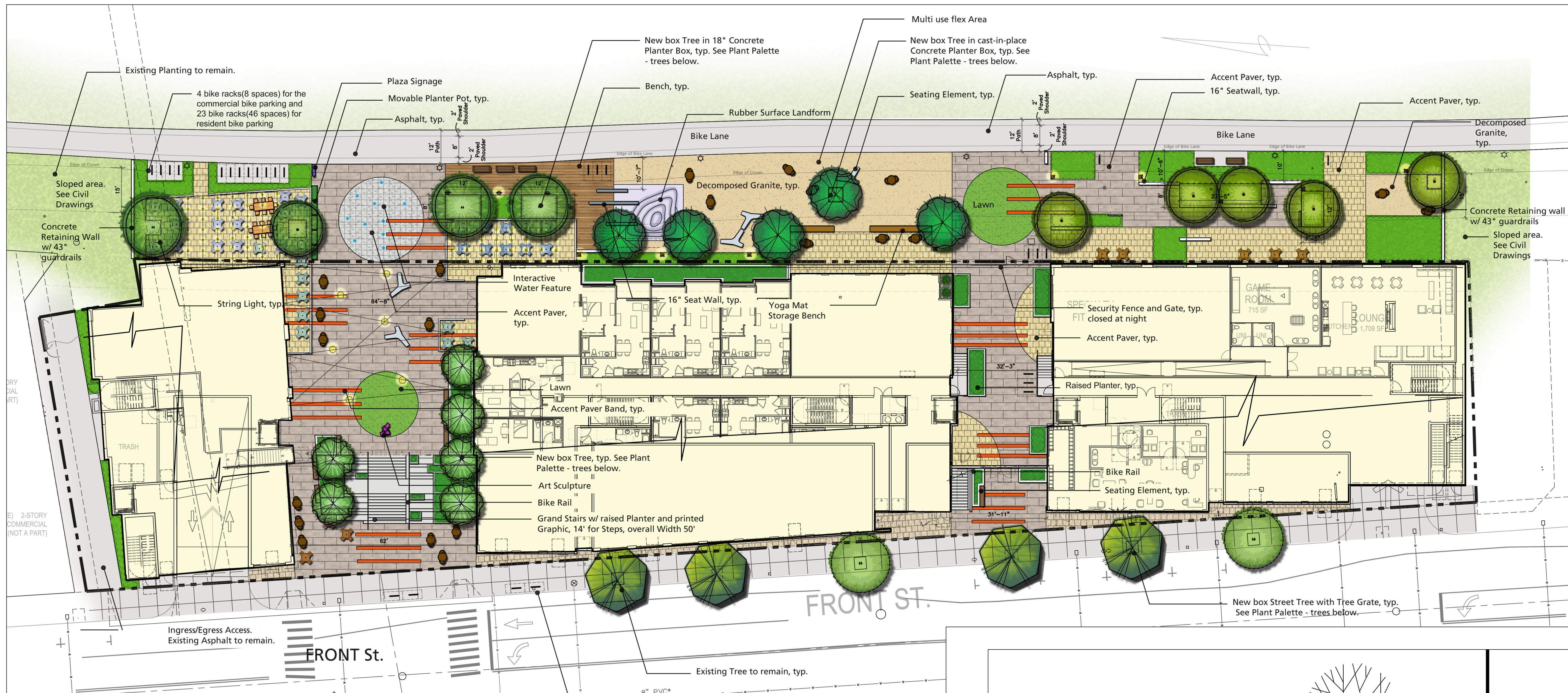
1 LEVEE FILL BENCHING DETAIL

65% DESIGN



Revisions	
No.	Date
	09/10/19
	AS SHOWN
	Design MWB
	Drawn
	Approved
	Job No 20176131

Drawing Number:
C1.2
2 OF 2



PLANT PALETTE - Trees

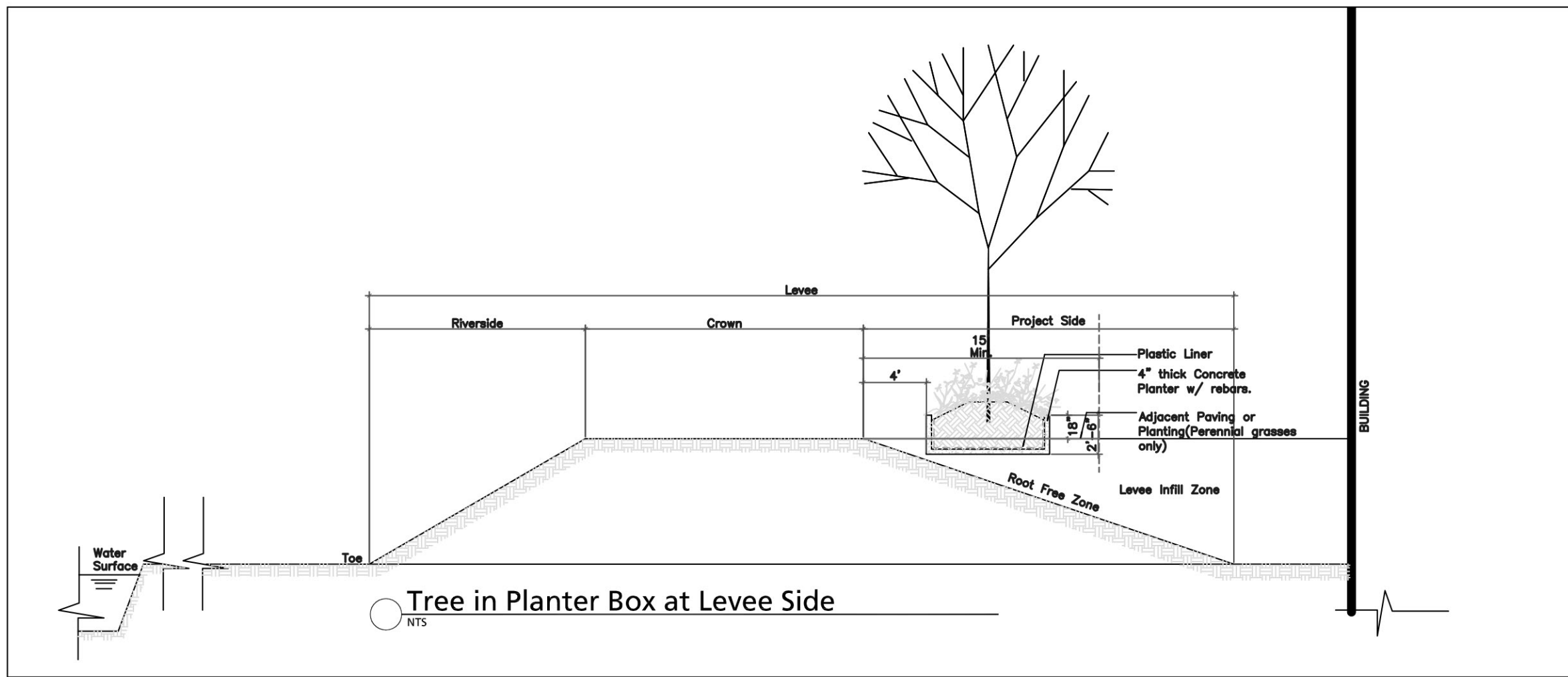
Latin Name	Common Name	Mature Width	Mature Height
<i>Pistachia chinensis</i>	Chinese Pistache	45	40
<i>Platanus acerifolia</i> 'Columbia'	London Plane	50	40
<i>Quercus frainetto</i> 'Forest Green'	Hungarian Oak	40	30
<i>Quercus virginiana</i>	Southern Live Oak	40	40
<i>Ulmus parvifolia</i> 'Drake'	Drake Chinese Elm	40	40

PLANT PALETTE - Shrubs and Grasses

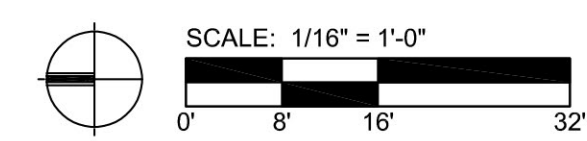
SHRUBS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING**/COMMENTS	WUCOLS
LC	5 Gal	<i>Loropetalum chinense</i>	Fringe Flower	60" O.C. Drought Tolerant	L
BG	5 Gal	<i>Bouteloua gracilis</i> 'blonde ambition'	Blue grama	24" O.C. Drought Tolerant	L
RC	5 Gal	<i>Rhamnus c.</i> 'Mound San Bruno'	Mound San Bruno Coffeeberry	60" O.C. Native/Drought Tolerant	VL
SL	5 Gal	<i>Salvia clevelandii</i>	Cleveland Sage	30" O.C. Native/Drought Tolerant	L

PERENNIALS and GRASSES					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING**/COMMENTS	WUCOLS
AA	5 Gal	<i>Artemisia abrotanum</i>	Southernwood	24" O.C.	L
AB	5 Gal	<i>Anigozanthos</i> 'Big Red'	Red Kangaroo Paw	24" O.C.	L
FI	1 Gal	<i>Festuca idahoensis</i> 'Siskiyou Blue'	Idaho Fescue	18" O.C. Native/Drought Tolerant	VL
LO	1 Gal	<i>Lomandra</i> 'Lime Tuff'	Dwarf Rush Mat	24" O.C. Drought Tolerant	L
PB	5 Gal	<i>Perovskia</i> 'Blue Spire'	Russian Sage	24" O.C.	L
PH	1 Gal	<i>Pennisetum</i> 'Bunny Tail'	Fountain Grass	24" O.C. Drought Tolerant	L
SA	1 Gal	<i>Sedum spectabile</i> 'Autumn Joy'	Showy Stonecrop	24" O.C.	L

SC	1 Gal	<i>Senecio cineraria</i>	Dusty miller	12" O.C.	L
VB	1 Gal	<i>Verbena bonariensis</i>	Purple Top	24" O.C.	L
GROUNDCOVERS					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	SPACING**/COMMENTS	WUCOLS
ESC	1 Gal	<i>Eschscholzia californica</i>	California Poppy	18" O.C. Native/Drought Tolerant	VL
HEC	1 Gal	<i>Heuchera</i> 'Canyon Pink'	Canyon Pink Coral Bells	18" O.C.	M
SM	1 Gal	<i>Senecio mandraliscae</i>	Kleinia	24" O.C.	L
VINES					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	COMMENTS	WUCOLS
PA	5 Gal	<i>Polygonum aubertii</i>	Silver Lace Vine	Drought Tolerant	L
SCVURPPP APPROVED PLANT LIST FOR STORMWATER TREATMENT					
KEY	SIZE	BOTANICAL NAME	COMMON NAME	COMMENTS	WUCOLS
AM	5 Gal	<i>Arctostaphylos densiflora</i> 'McMinn'	Manzanita	60" O.C. Native/Drought Tolerant	L
BP	1 Gal	<i>Baccharis pilularis</i>	Coyote Brush	36" O.C. Native/Drought Tolerant	L
CA	1 Gal	<i>Calamagrostis acutifolia</i> 'Stricta'	Feather Reed Grass	36" O.C.	L
CT	5 Gal	<i>Chondropetalum tectorum</i>	Small Cape Rush	30" O.C. Drought Tolerant	L
MU	1 Gal	<i>Muhlenbergia rigens</i>	Deer Grass	36" O.C. Native/Drought Tolerant	L
NP	1 Gal	<i>Nassella pulchra</i>	Purple Needlegrass	18" O.C. Drought Tolerant	VL
DL	5 Gal	<i>Dietses</i> 'Lemon Drops'	Fortnight Lily	30" O.C. Drought Tolerant	L
RL	5 Gal	<i>Rhamnus californica</i> 'Little Sur'	Little Sur Coffeeberry	36" O.C. Native/Drought Tolerant	L

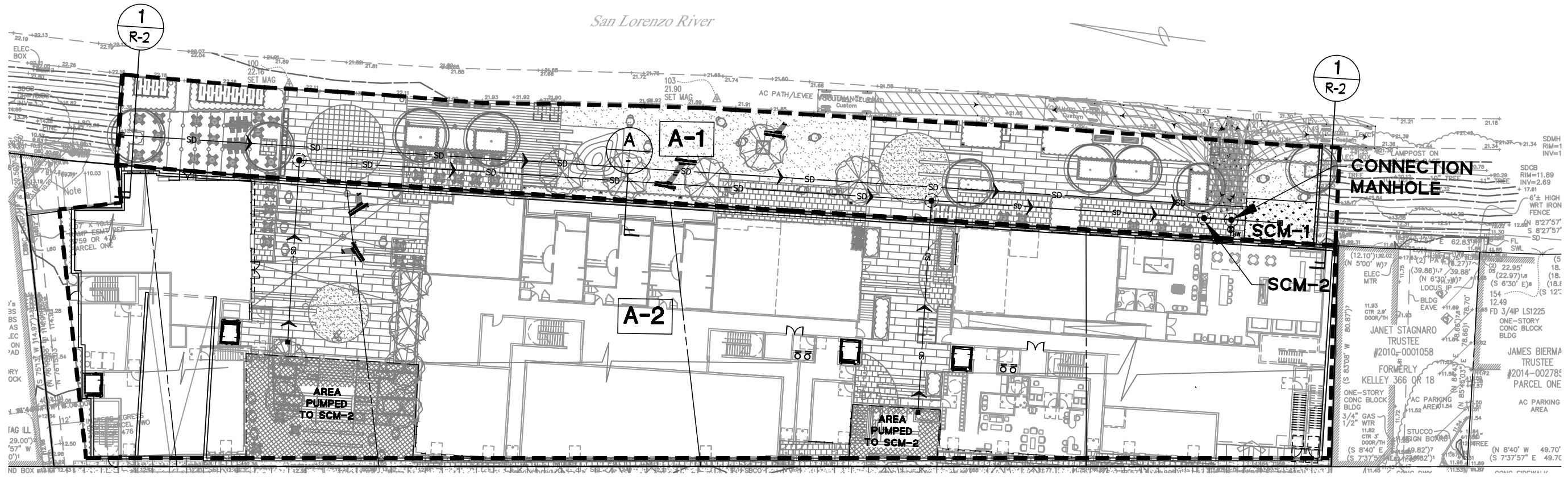


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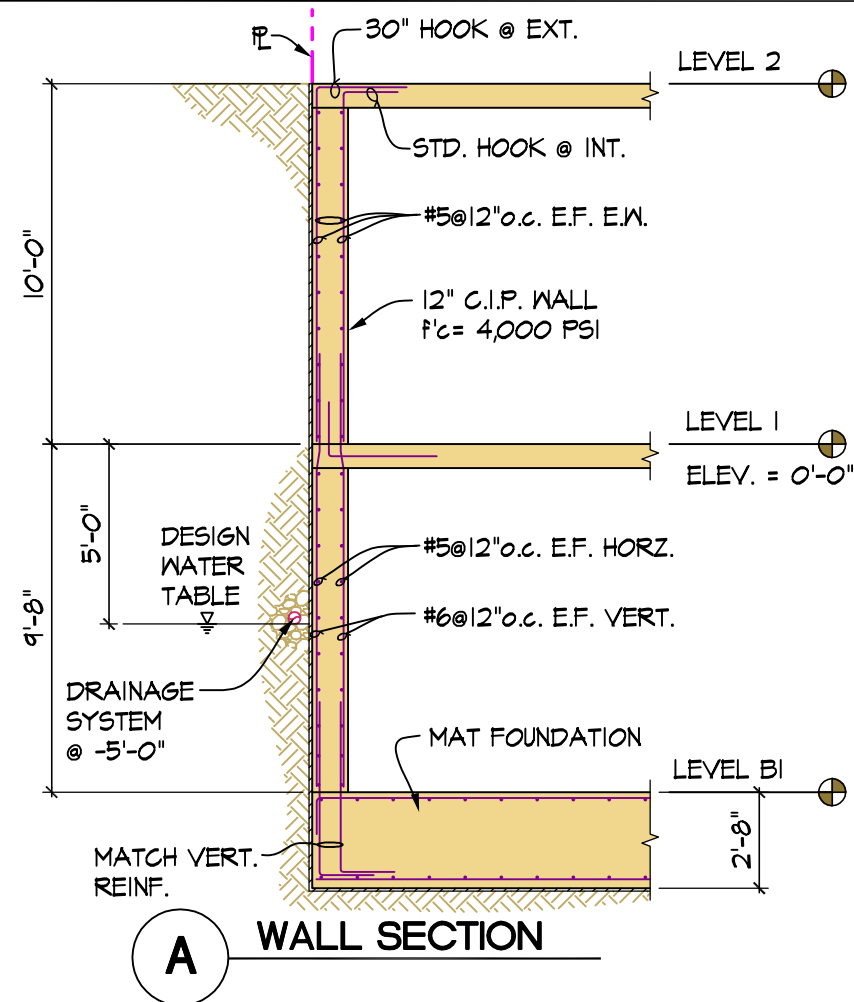


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Sheet 1 of 1



CIVIL PLAN



A WALL SECTION

65% DESIGN



REVISIONS	REV

FIBA INC.
STRUCTURAL ENGINEERS
 1675 SABRE STREET
 HAYWARD, CA 94545
 PHONE (510) 265-1888

**RIVERFRONT APART.
 IMPROVEMENT**

**CIVIL PLAN
 AND WALL SECTION**

DRAWN
CHECKED
A.K.
DATE
5-24-2019
SCALE
NO SCALE
JOB NUMBER
2019-
SHEET

R-1
 OF SHEETS

REVISIONS	REV



RIVERFRONT APART.
IMPROVEMENT

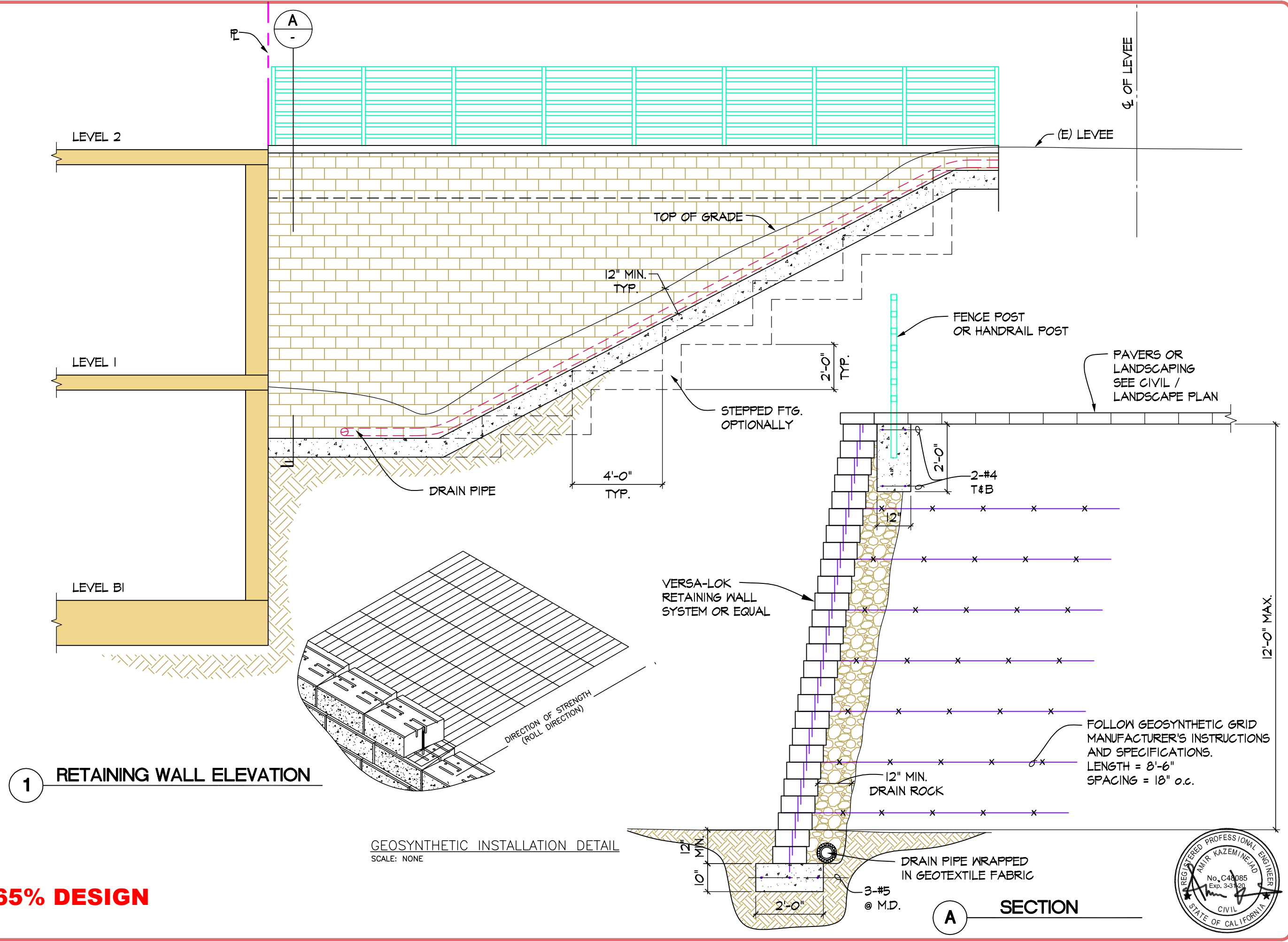
SANTA CRUZ, CA

RETAINING WALL
AT LEVEE

DRAWN
CHECKED A.K.
DATE 5-24-2019
SCALE NO SCALE
JOB NUMBER 2019-
SHEET

R-2

OF SHEETS



1 RETAINING WALL ELEVATION

GEOSYNTHETIC INSTALLATION DETAIL
SCALE: NONE

A SECTION



65% DESIGN