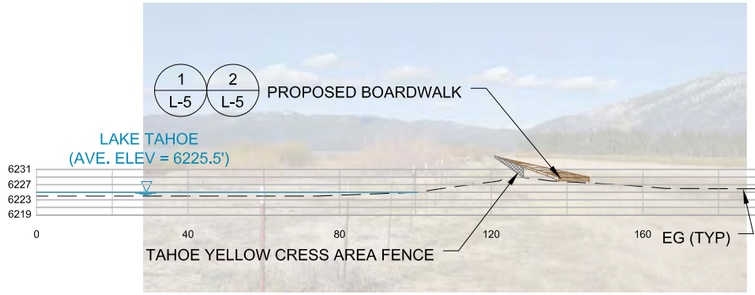
LEGEND

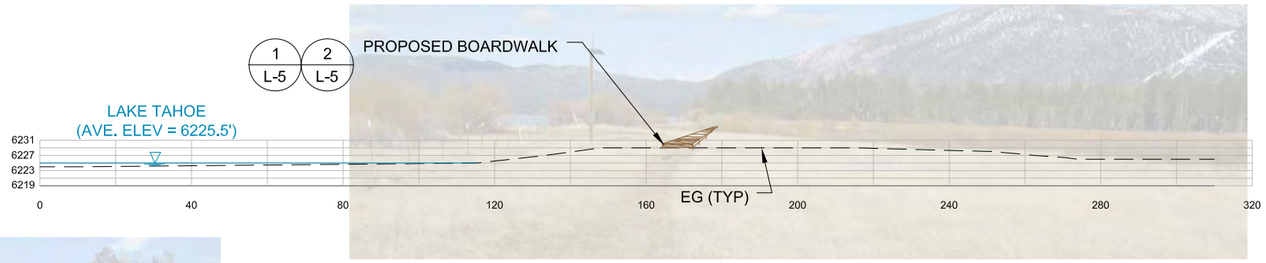
- PROPOSED RESTORED LAGOON
- PROPOSED CHANNEL ALIGNMENT
- PROPOSED RESTORED DUNE
- PROPOSED TYPE 2 OBSERVATION PLATFORM (3 / L-7)
- 6229' LAKE TAHOE HIGH WATER
- EG INDEX CONTOUR
- EG INTERIM CONTOUR
- PROPOSED TAHOE YELLOW CRESS RESTRICTED AREA
- PROPOSED BIKE PATH (3 / L-1)
- WATER'S EDGE
- PROPERTY BOUNDARY
- PROPOSED BOARDWALK
- PROPOSED BRIDGE

SCHEMATIC DESIGN PLANS
& DETAILS
NOT FOR CONSTRUCTION



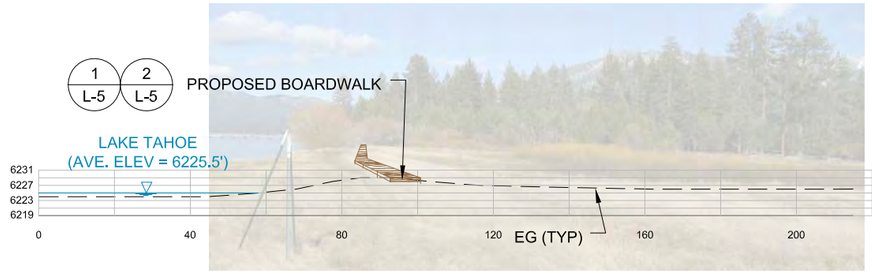
SECTION A-A

SCALE 1"=20'; 1H:1V



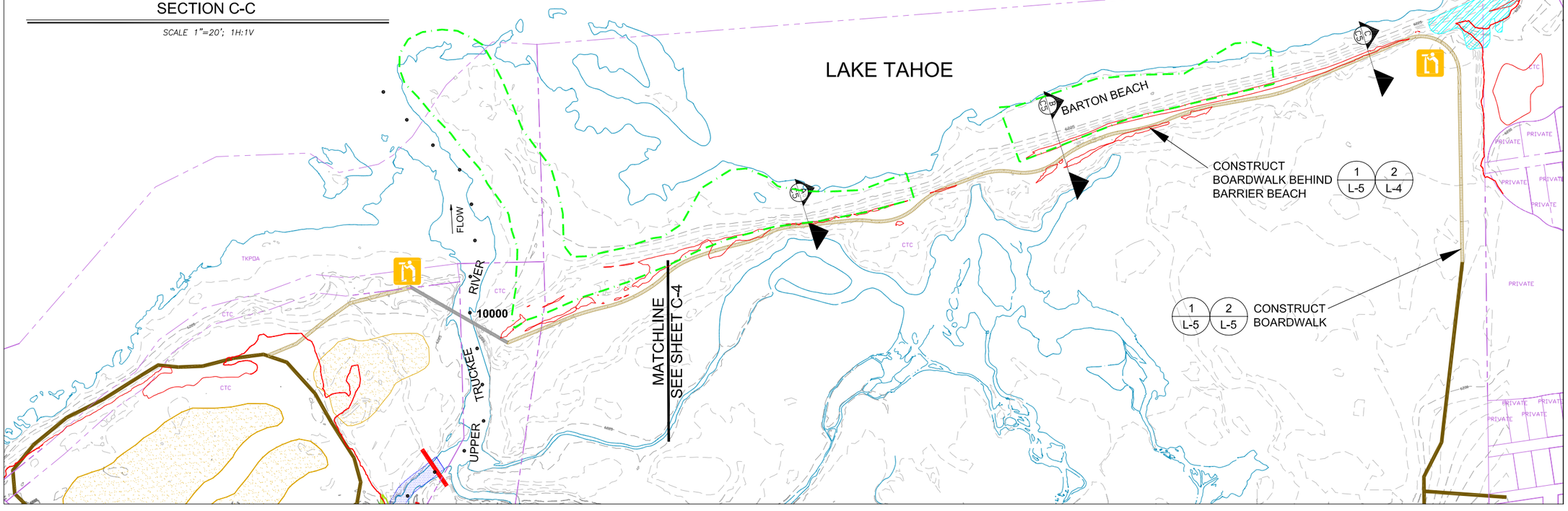
SECTION B-B

SCALE 1"=20'; 1H:1V



SECTION C-C

SCALE 1"=20'; 1H:1V



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UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT

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BARTON BEACH BOARDWALK (ALTERNATIVE 1)

C-5

REVISIONS

#	description	date

scale:	AS SHOWN
job no.:	00110066.04
drawn by:	CK
checked by:	CM

sheet no.: C-5

sheet 9 of 45

date: 11/20/07

0 150 300
SCALE IN FEET

Legend

- Existing 1000 ft. River Station
- Existing 100 ft. River Station - Upper Truckee
- Existing 100 ft. River Station - Trout Creek
- Existing Regional Bike Trail

Proposed River and Floodplain Features

- Low and Bankful Flow Channel
- Active Floodplain
- Removal of Reserve Fill
- Partial Fill of Existing Channel

Proposed Habitat Features (See Sheet L-12)

- Core Habitat Area
- Lagoon
- Restored Meadow
- Restored Dune and Beach
- Tahoe Yellow Cress Restricted Use Area

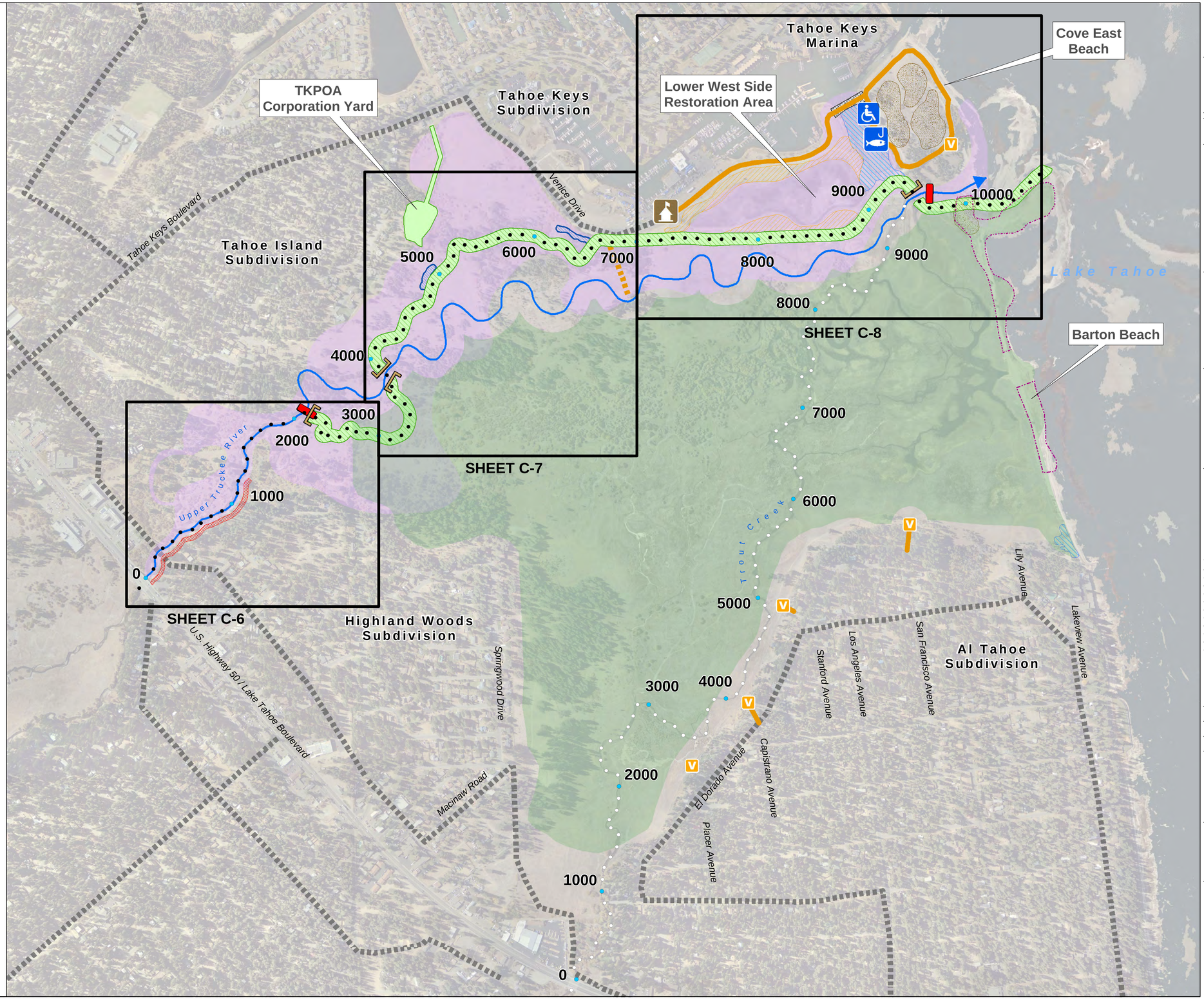
Proposed Public Access Features

- Viewpoint (V) — 1 / L-3
- Pedestrian Trail — 3 / L-2 or 2 / L-2
- Boardwalk — 1 / L-5 or 4 / L-5
- Fishing Platform — 1 / L-8
- ADA Accessible — 1 / L-8
- Kiosk — 1 / L-10 or 4 / L-10

Proposed Engineered Features

- Lateral Grade Control
- Vertical Grade Control
- Bulkhead/Levee
- Bank Protection
- Storm Water Treatment Area

Feet
0 400 800



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ALTERNATIVE 2

NEW CHANNEL WEST MEADOW MINIMUM RECREATION INFRASTRUCTURE

S-2

REVISIONS

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job no. :	00110066.04
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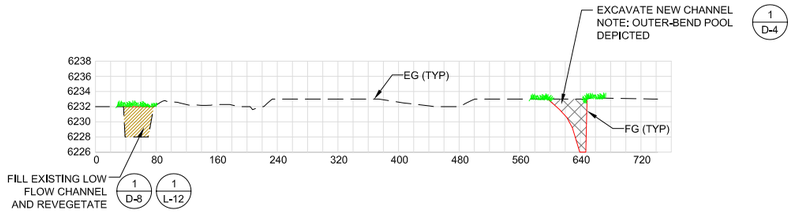
sheet no. : S-2

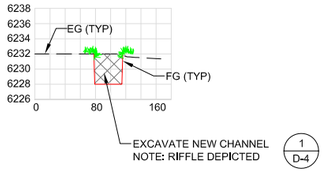
sheet 10 of 45

date : 11/07/12



SECTION A-A

SCALE 1"=100'; 1H:10V



SECTION B-B

SCALE 1"=100'; 1H:10V

2 D-5 CONSTRUCT VERTICAL GRADE CONTROL

1 D-9 CONSTRUCT LATERAL GRADE CONTROL

1 D-4 1 D-5 EXCAVATE PROPOSED VALLEY CHANNEL ALIGNMENT

4000

3000

2000

1000

0

MATCHLINE SEE SHEET C-7

BACKFILL EXISTING LOW FLOW CHANNEL AND REVEGETATE 1 D-8 1 L-12

EXCAVATE TOP ±3' TO ESTABLISH NEW FLOODPLAIN 2 D-8

EXCAVATE TOP ±1' TO ESTABLISH NEW FLOODPLAIN 2 D-8

EXCAVATE SECONDARY CHANNEL TO ALLOW FLOW AT 450 CFS (~ EL. 6232')

CONSTRUCT POINT BAR

CONSTRUCT NEW BENCHED FLOODPLAIN BEHIND BANK PROTECTION

CARROWS RESTAURANT

U.S. HIGHWAY 50 (LAKE TAHOE BLVD)

TRUCKEE RIVER

UPPER

SUNSET DRIVE

CONESTOGA ST

PONDEROSA ST

SILVERWOOD COURT

CITY OF SOUTH LAKE TAHOE

STATE OF CA

CTC

PRIVATE

SCHEMATIC DESIGN PLANS
& DETAILS
NOT FOR CONSTRUCTION

LEGEND

- PROPOSED FILL
- PROPOSED NEW CHANNEL ALIGNMENT
- PROPOSED BOULDER TOE PROTECTION
- PROPOSED LOWERED FLOODPLAIN
- PROPOSED SCOUR POOL
- PROPOSED POINT BAR
- EXISTING AC
- EG INDEX CONTOUR
- EG INTERIM CONTOUR
- WATER'S EDGE
- PROPERTY BOUNDARY
- EXISTING TRAIL
- EXISTING WOODEN FOOT BRIDGE
- PROPOSED GRADE CONTROL STRUCTURE

DGS

CALIFORNIA TAHOE CONSERVANCY

UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT

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UPSTREAM REACH PLAN
RS 0 - 3000
(ALTERNATIVE 2)

C-6

REVISIONS

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sheet no.: C-6

sheet 11 of 45

date: 11/20/07

0 100 200
SCALE IN FEET

SCHEMATIC DESIGN PLANS
& DETAILS
NOT FOR CONSTRUCTION

RESTORE TKPOA YARD TO MEADOW (2 / D-9)

(3 / D-8) CONSTRUCT STORM WATER TREAMTMENT AREA

CONSTRUCT BOARDWALK FOR RIVER ACCESS

CONSTRUCT STORM WATER TREAMTMENT AREA (3 / D-8)

EXCAVATE VALLEY CHANNEL ALIGNMENT (1 / D-4) (1 / D-5)

CONSTRUCT LATERAL GRADE CONTORL (1 / D-9)

BACKFILL EXISTING LOW FLOW CHANNEL AND REVEGETATE (1 / D-8) (1 / L-12)

MATCHLINE SEE SHEET C-8

MATCHLINE SEE SHEET C-6

LEGEND

- PROPOSED FILL
- PROPOSED NEW CHANNEL ALIGNMENT
- PROPOSED RESTORED MEADOW
- PROPOSED STORM WATER TREATMENT AREA
- EG INDEX CONTOUR
- EG INTERIM CONTOUR
- WATER'S EDGE
- PROPERTY BOUNDARY
- PROPOSED GRADE CONTROL STRUCTURE
- EXISTING TRAIL
- BOARDWALK TRAIL

0 100 200
SCALE IN FEET

DGS

UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT

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MID-MARSH PLAN RS 3000 - 7000 (ALTERNATIVE 2)

C-7

REVISIONS

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sheet no.: C-7

sheet 12 of 45
date: 11/20/07

LEGEND

- PROPOSED FILL
- PROPOSED CHANNEL ALIGNMENT
- PROPOSED RESTORED DUNE
- PROPOSED TAHOE YELLOW CRESS RESTRICTED AREA
- PROPOSED GRADE CONTROL STRUCTURE
- EG INDEX CONTOUR
- EG INTERIM CONTOUR
- FG INDEX CONTOUR
- FG INTERIM CONTOUR
- WATER'S EDGE
- PROPERTY BOUNDARY
- PROPOSED PED TRAIL (2 / L-2)
- EXISTING TRAIL
- ADA ACCESSIBLE (1 / L-8)
- PROPOSED FISHING PLATFORM (1 / L-8)
- PROPOSED VIEWPOINT (1 / L-2)
- PROPOSED KIOSK (1 / L-10) (4 / L-10)

1 / D-6 CONSTRUCT BULKHEAD/LEVEE

LAKE TAHOE

TAHOE KEYS MARINA

SAILING LAGOON

EXCAVATE BULKHEAD/LEVEE TO RECONNECT LAGOON WITH RIVER

APPROXIMATE LOCATION OF NEW RIVER MOUTH

CONSTRUCT LATERAL GRADE CONTROL 1 / D-9

EXCAVATE RESERVE FILL

EXCAVATE TOE OF RESERVE FILL

1 / D-8 BACKFILL EXISTING CHANNEL

CONSTRUCT VERTICAL GRADE CONTROL 2 / D-5

CONSTRUCT LATERAL GRADE CONTROL 1 / D-9

EXCAVATE PROPOSED MEADOW CHANNEL ALIGNMENT 3 / D-3

1 / D-8 BACKFILL EXISTING CHANNEL

MATCHLINE SEE SHEET C-7

7000 8000 9000 10000

VENICE DRIVE

UPPER TRUCKEE RIVER

TROUT CREEK

FLOW

TK MARINA

DOCK

CTC

TKPOA

SCHEMATIC DESIGN PLANS & DETAILS NOT FOR CONSTRUCTION

0 100 200
SCALE IN FEET

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UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT

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DOWNSTREAM REACH PLAN
RS 7000 - 10100
(ALTERNATIVE 2)

C-8

REVISIONS

#	description	date

scale:	AS SHOWN
job no.:	00110066.04
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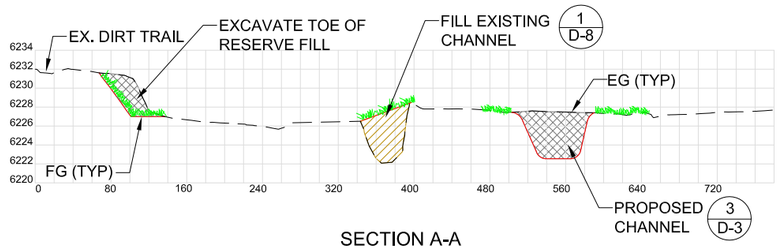
sheet no.: C-8

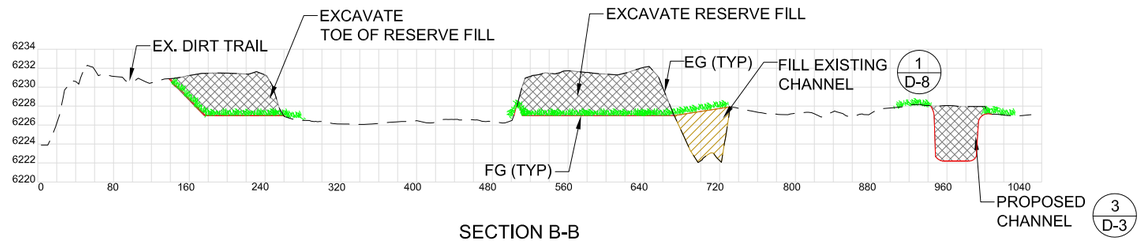
sheet 13 of 45

date: 01/10/13



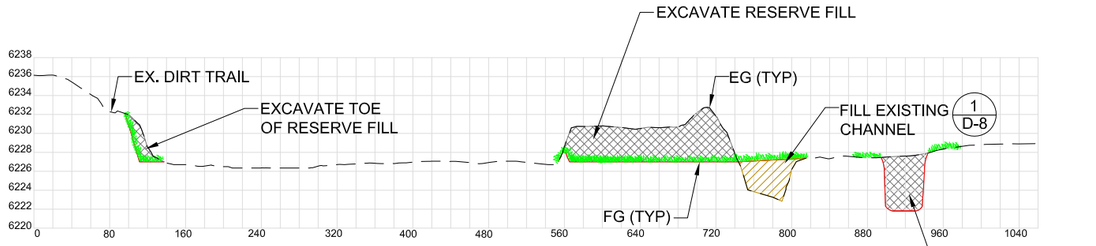
SECTION A-A

SCALE 1"=80'; 1H:10V



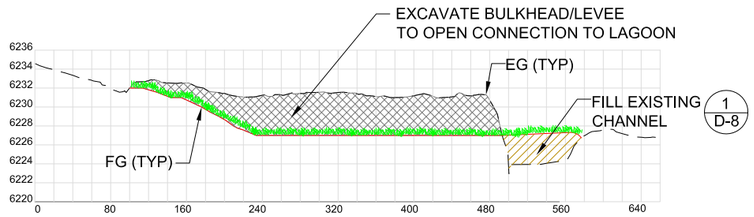
SECTION B-B

SCALE 1"=80'; 1H:10V



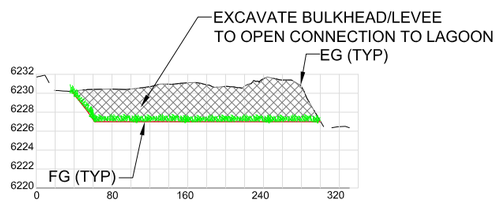
SECTION C-C

SCALE 1"=80'; 1H:10V



SECTION D-D

SCALE 1"=80'; 1H:10V



SECTION E-E

SCALE 1"=80'; 1H:10V

SCHEMATIC DESIGN PLANS
& DETAILS
NOT FOR CONSTRUCTION

LEGEND

- PROPOSED CUT
- PROPOSED FILL
- PROPOSED REVEGETATION (1 / L-12)

0 80 160
SCALE IN FEET

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UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT

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DOWNSTREAM REACH RS 7000 - 10700 CROSS SECTIONS (ALTERNATIVE 2)

C-9

REVISIONS

#	description	date

scale:	AS SHOWN
job no.:	00110066.04
drawn by:	CK
checked by:	CM

sheet no.: C-9

sheet 14 of 45

date: 01/10/13

Legend

- Existing 1000 ft. River Station
- Existing 100 ft. River Station - Upper Truckee
- Existing 100 ft. River Station - Trout Creek
- Existing Regional Bike Trail

Proposed Habitat Features (See Sheet L-12)

- Core Habitat Area
- Lagoon
- Restored Meadow
- Tahoe Yellow Cress Restricted Use Area

Proposed River and Floodplain Features

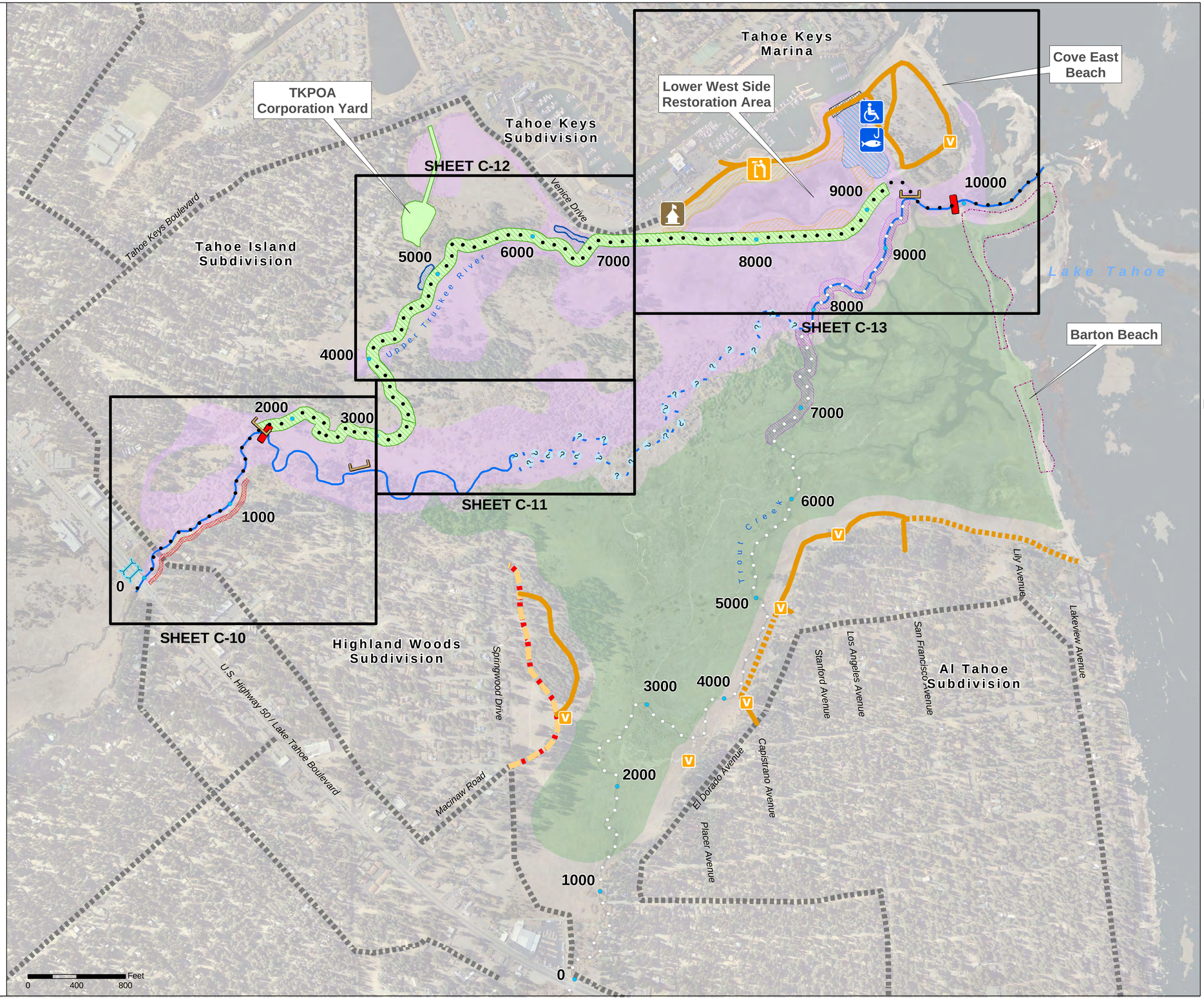
- Low and Bankful Flow Channel
- Potential Low Flow Path
- Active Floodplain
- Removal of Reserve Fill
- Partial Fill of Existing Channel

Proposed Engineered Features

- Lateral Grade Control
- Vertical Grade Control
- Bulkhead/Levee
- Bank Protection
- Storm Water Treatment Area
- Overbank Conveyance Bridge Modification
- Channel Grade Control and Bank Protection

Proposed Public Access Features

- Viewpoint (2 / L-3)
- Boardwalk (1 / L-5)
- Bike Path (1 / L-1)
- Pedestrian Trail (2 / L-2 or 3 / L-2)
- Fishing Platform (2 / L-8)
- ADA Accessible (2 / L-8)
- Observation Area (1 / L-6) TYPE 1
- Kiosk (2 / L-10 or 5 / L-10)



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UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT

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ALTERNATIVE 3

MIDDLE MARSH CORRIDOR MODERATE RECREATION INFRASTRUCTURE

S-3

REVISIONS

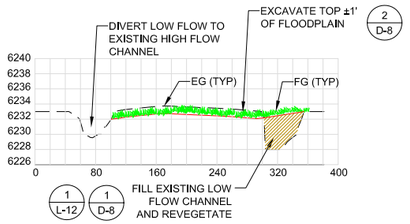
#	description	date

scale :	As Noted
job no. :	00110066.04
drawn by :	EL
checked by :	CM

sheet no. : S-3

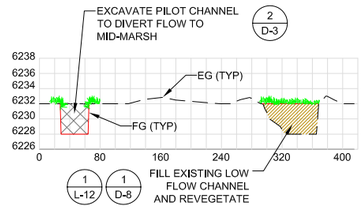
sheet 15 of 45

date : 11/07/12



SECTION A-A

SCALE 1"=100'; 1H:10V



SECTION B-B

SCALE 1"=100'; 1H:10V

CONSTRUCT LATERAL GRADE CONTROL (1 D-9)

CONSTRUCT VERTICAL GRADE CONTROL (2 D-5)

BACKFILL EXISTING LOW FLOW CHANNEL AND REVEGETATE (1 D-8, 1 L-12)

EXCAVATE TOP ±1' TO ESTABLISH NEW FLOODPLAIN (2 D-8)

CONSTRUCT LATERAL GRADE CONTROL (1 D-9)

MATCHLINE SEE SHEET C-11

EXCAVATE TOP ±3' TO ESTABLISH NEW FLOODPLAIN (2 D-8)

EXCAVATE SECONDARY CHANNEL TO ALLOW FLOW AT 450 CFS (~ EL. 6232')

EXCAVATE TOP ±3' OF FLOODPLAIN (2 D-8)

CARROWS RESTAURANT

CONSTRUCT POINT BAR

CONSTRUCT NEW BENCHED FLOODPLAIN BEHIND BANK PROTECTION

EXCAVATE PROPOSED PILOT CHANNEL (UTILIZE PORTION OF EXISTING HIGH FLOW CHANNEL) (2 D-3)

U.S. HIGHWAY 50 (LAKE TAHOE BLVD)

TRUCKEE RIVER

UPPER

SUNSET DRIVE

CONESTOGA ST

PONDEROSA ST

SILVERWOOD COURT

CITY OF SOUTH LAKE TAHOE

STATE OF CA

CTC

PRIVATE

4000
3000
2000
1000
0

LEGEND

- PROPOSED FILL
- PROPOSED NEW CHANNEL ALIGNMENT
- PROPOSED BOULDER TOE PROTECTION
- PROPOSED ROCK DISSIPATOR
- PROPOSED LOWERED FLOODPLAIN
- PROPOSED SCOUR POOL
- PROPOSED POINT BAR
- EXISTING AC
- EG INDEX CONTOUR
- EG INTERIM CONTOUR
- WATER'S EDGE
- PROPERTY BOUNDARY
- PROPOSED 57" x 38" ARCHED CMP
- EXISTING TRAIL
- PROPOSED GRADE CONTROL STRUCTURE
- EXISTING WOODEN FOOT BRIDGE

SCHEMATIC DESIGN PLANS & DETAILS NOT FOR CONSTRUCTION

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UPPER TRUCKEE RIVER AND MARSH RESTORATION PROJECT

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UPSTREAM REACH PLAN RS 0 - 3000 (ALTERNATIVE 3)

C-10

REVISIONS

#	description	date

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job no.:	00110066.04
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sheet no.: C-10

sheet 16 of 45

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0 100 200
SCALE IN FEET