

60% DESIGN SUBMITTAL MEADOWDALE BEACH PARK AND ESTUARY DESIGN

SNOHOMISH COUNTY PARKS AND RECREATION



SOURCE: ESRI

VICINITY MAP



NORTH



SCALE IN FEET

COUNTY EXECUTIVE:
COUNCIL:
PARKS DIRECTOR:

SITE ADDRESS: 6026 156TH STREET SOUTHEAST, EDMONDS, WASHINGTON 98036
TPN:
PROJECT CESCL:
SECTION/TOWNSHIP/RANGE:

GENERAL NOTE:

- ALL EMPLOYEES MUST COMPLY WITH BNSF SAFETY REQUIREMENTS. THIS INCLUDES BUT IS NOT LIMITED TO, PASSING A SAFETY COURSE, OBTAINING DOCUMENTATION OF SUCCESSFULLY PASSING THE COURSE, AND ADHERING TO REQUIREMENTS IDENTIFIED IN THE COURSE. THE REQUIRED BNSF SAFETY COURSE MAY BE ACCESSED AT THE FOLLOWING WEBSITE: WWW.RAILROADCOURSES.COM.
- A BNSF FLAGGER SHALL BE PRESENT ANY TIME THE CONTRACTOR IS WORKING WITHIN 25 FEET OF THE TRACKS. THE CONTRACTOR SHALL COMMUNICATE WITH THE OWNER TO ARRANGE FOR A FLAGGER TO BE PRESENT DURING THESE TIMES.

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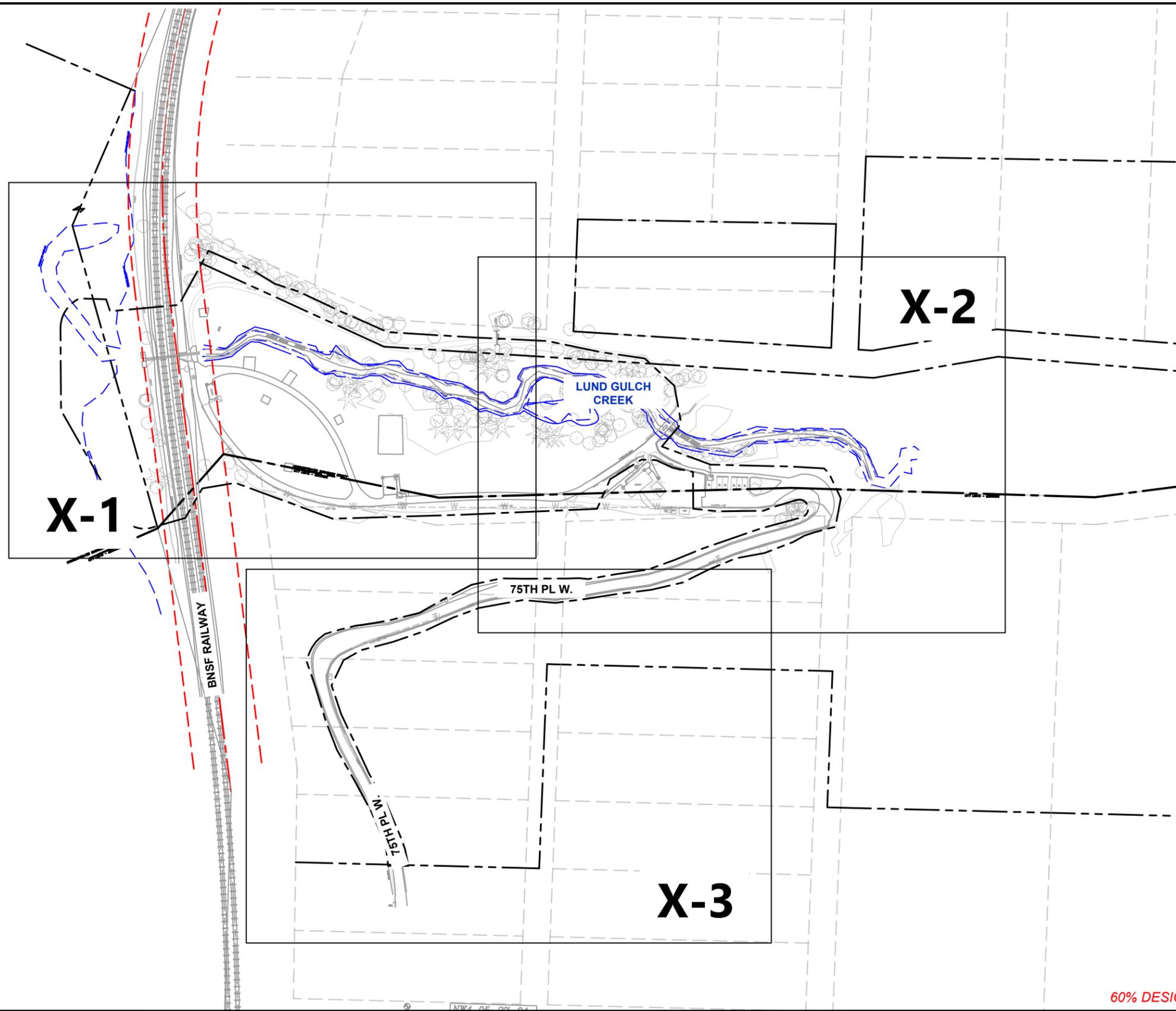
60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

		REVISIONS <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>APP'D</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		REV	DATE	BY	APP'D	DESCRIPTION																					DESIGNED BY: PH/BS DRAWN BY: MD/CH/TG CHECKED BY: BS APPROVED BY: PH SCALE: AS NOTED DATE: FEBRUARY 2018	MEADOWDALE BEACH PARK AND ESTUARY DESIGN 18-XXXXX LDA	G-1 SHEET NO. 1 OF 50
		REV	DATE	BY	APP'D	DESCRIPTION																									
COVER SHEET																															

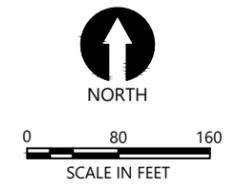
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ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0723_Snohomish County Meadowdale Park\Construction Plans\0723_PL_Site Context and Layout Plan.dwg G-2
 Feb 19, 2018 5:27pm bsewertsen



- LEGEND:
- — — — — PROJECT BOUNDARY
 - - - - - PARK BOUNDARY
 - — — — — PARCEL BOUNDARY
 - - - - - BNSF EASEMENT
 - - - - - EXISTING OHWM



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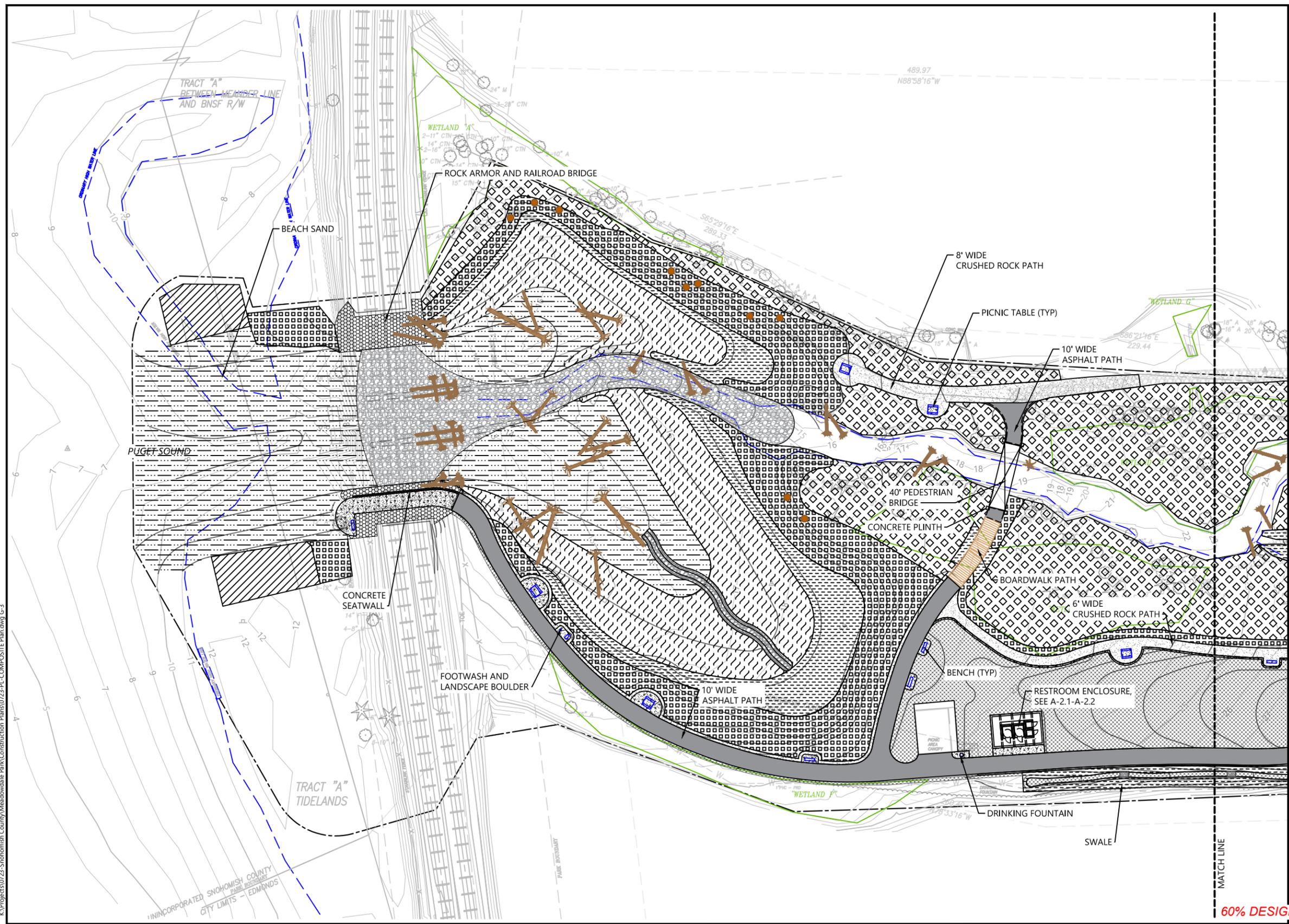
**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA

SHEET LAYOUT KEY PLAN

G-2

SHEET NO. 2 OF 50

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-COMPOSITE Plan.dwg G-3
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- LEGEND:**
- PROJECT BOUNDARY
 - ▨ 12" BEACH SAND
 - ★ LARGE WOODY DEBRIS
 - ▩ ROCK ARMORING
 - ▩ STREAMBED AND SWALE COBBLES
 - ▩ CRUSHED ROCK PATH OR TRENCH
 - ▩ ASPHALT PATH/PAD
 - ▩ CONCRETE PATH/PAD
 - ▩ PEDESTRIAN BRIDGE
 - ▩ BOARDWALK PATH
 - PICNIC TABLE
 - BENCH
 - ▩ RIPARIAN ENHANCEMENT PLANTING
 - ▩ RIPARIAN PLANTING
 - ▩ FRESHWATER WETLAND PLANTING
 - ▩ TIDAL MARSH PLANTING
 - ▩ BACKSHORE BEACH PLANTING
 - ▩ LAWN
 - ▩ ROCK-LINED SWALE
 - SNAGS
 - - - PROPOSED CONTOUR
 - ★ TREE TO REMAIN
 - ▭ EXISTING WETLAND TO BE PROTECTED



- NOTES:**
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 2. VERTICAL DATUM: NAVD 88

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 DATE: FEBRUARY 2018

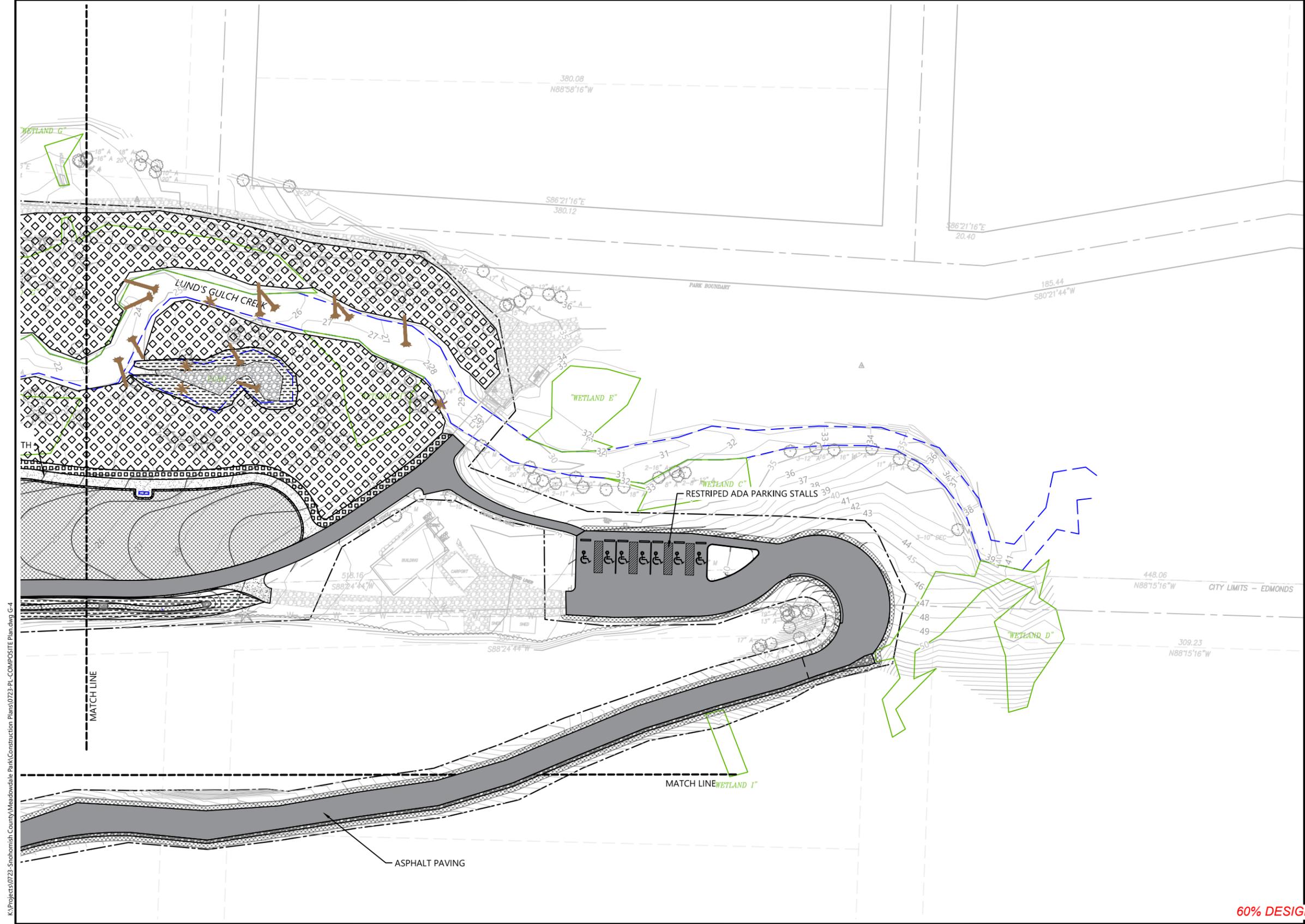
**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN
 18-XXXXX LDA**

COMPOSITE SITE PLAN (1 OF 3)

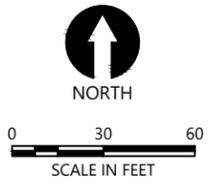
G-3

SHEET NO. 3 OF 50

ONE INCH
 AT FULL SIZE IF NOT ONE
 INCH SCALE ACCORDINGLY



- LEGEND:
- PROJECT BOUNDARY
 - 12" BEACH SAND
 - LARGE WOODY DEBRIS
 - ROCK ARMORING
 - STREAMBED AND SWALE COBBLES
 - CRUSHED ROCK PATH OR TRENCH
 - ASPHALT PATH/PAD
 - CONCRETE PATH/PAD
 - PEDESTRIAN BRIDGE
 - BOARDWALK PATH
 - PICNIC TABLE
 - BENCH
 - RIPARIAN ENHANCEMENT PLANTING
 - RIPARIAN PLANTING
 - FRESHWATER WETLAND PLANTING
 - TIDAL MARSH PLANTING
 - BACKSHORE BEACH PLANTING
 - LAWN
 - ROCK-LINED SWALE
 - 10' PROPOSED CONTOUR
 - TREE TO REMAIN
 - EXISTING WETLAND TO BE PROTECTED



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 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

COMPOSITE SITE PLAN (2 OF 3)

G-4

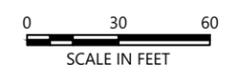
SHEET NO. 4 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

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Feb 19, 2018 5:27pm bsevertsen



- LEGEND:
- PROJECT BOUNDARY
 - 12" BEACH SAND
 - ★ LARGE WOODY DEBRIS
 - ▨ ROCK ARMORING
 - ▨ STREAMBED AND SWALE COBBLES
 - ▨ CRUSHED ROCK PATH OR TRENCH
 - ▨ ASPHALT PATH/PAD
 - ▨ CONCRETE PATH/PAD
 - ▨ PEDESTRIAN BRIDGE
 - ▨ BOARDWALK PATH
 - PICNIC TABLE
 - BENCH
 - ▨ RIPARIAN ENHANCEMENT PLANTING
 - ▨ RIPARIAN PLANTING
 - ▨ FRESHWATER WETLAND PLANTING
 - ▨ TIDAL MARSH PLANTING
 - ▨ BACKSHORE BEACH PLANTING
 - ▨ LAWN
 - ▨ ROCK-LINED SWALE
 - - - 10 - - - PROPOSED CONTOUR
 - ★ ○ TREE TO REMAIN
 - ▭ EXISTING WETLAND TO BE PROTECTED



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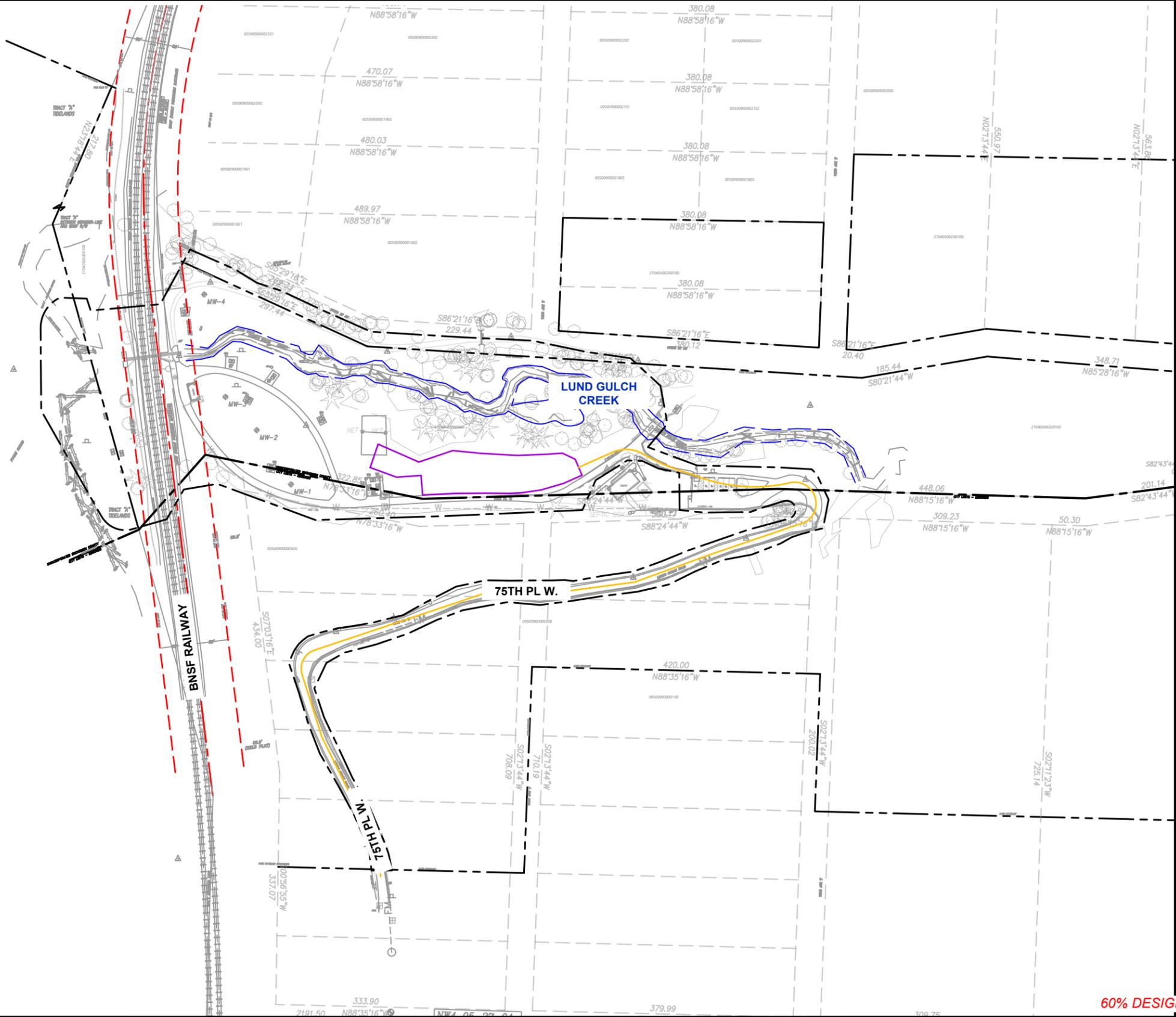
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**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
 18-XXXXX LDA
COMPOSITE SITE PLAN (3 OF 3)

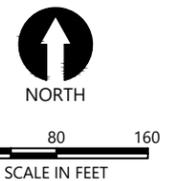
G-5
 SHEET NO. 5 OF 50

K:\Projects\0723_Snohomish County Meadowdale Park Construction Plans\0723-PL-Access and Staging.dwg G-6
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- LEGEND:
- PROJECT BOUNDARY
 - STAGING AND STOCKPILE AREA
 - ACCESS ROUTE
 - PARK BOUNDARY
 - PARCEL BOUNDARY
 - BNSF EASEMENT
 - EXISTING OHWM

PUGET SOUND



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**MEADOWDALE BEACH PARK
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 18-XXXX LDA

TEMPORARY ACCESS AND STAGING PLAN

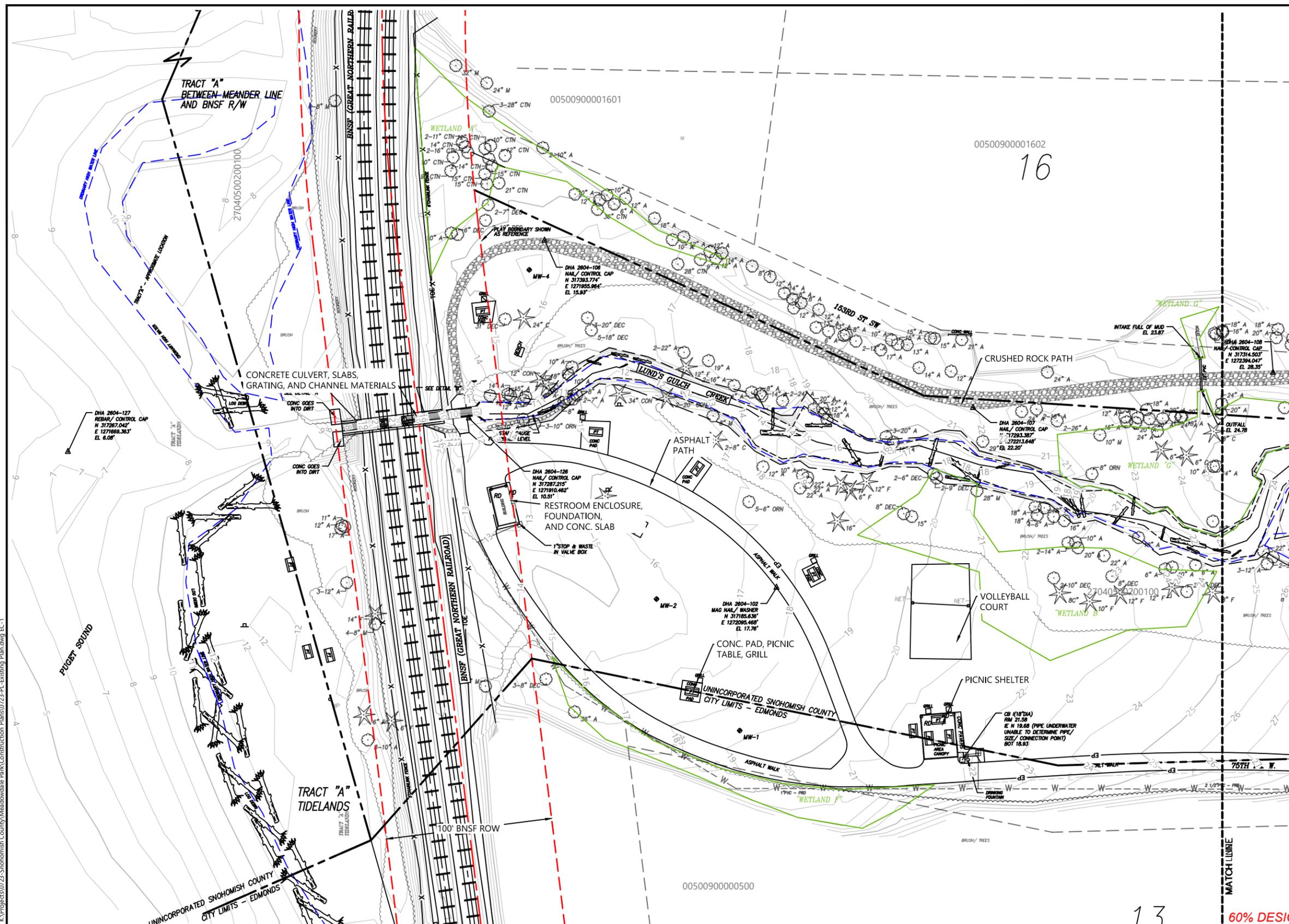
G-6

SHEET NO. 6 OF 50

ONE INCH
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 INCH SCALE ACCORDINGLY

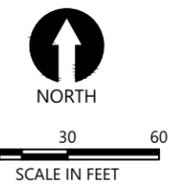
K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Existing Plan.dwg EC-1

Feb 19, 2018 5:28pm bseversten



- LEGEND:**
- WATER METER
 - JUNCTION BOX
 - SANITARY/ STORM CLEAN-OUT
 - SANITARY SEWER MANHOLE
 - DHA SURVEY CONTROL
 - MONUMENT IN CASE
 - WETLAND/ ORDINARY HIGH WATER FLAG
 - PICNIC TABLE x 13
 - LOG DEBRIS
 - DECIDUOUS
 - CONIFER
 - SIGN
 - STORM DRAIN CATCH BASIN(TYPE I)
 - YARD LIGHT
 - POWER VAULT
 - YARD DRAIN
 - BOLLARD
 - MONITOR WELL
 - RAILROAD SIGNAL
 - WETLAND BOUNDARY
 - ORDINARY HIGH WATER MARK
 - GRAVEL PATH
 - EDGE OF ASPHALT
 - CREEK TOP
 - CREEK TOP
 - PARK BOUNDARY LINE
 - PLAT LOT LINE
 - BNSF RIGHT OF WAY
 - PLAT CENTERLINE
 - FENCING
 - SD UNDERGROUND STORM LINE
 - SS UNDERGROUND SEWER GRAVITY LINE
 - FM UNDERGROUND SEWER FORCEMAIN LINE
 - W UNDERGROUND WATER LINE
 - P UNDERGROUND POWER LINE
 - T UNDERGROUND TELEPHONE LINE
 - ROCKERY

- ABBREVIATIONS:**
- CONC CONCRETE
 - P.A. PLANTED AREA
 - PVC POLYVINYL CHLORIDE PIPE
 - (A) APPROXIMATE
 - PRD PER RECORD DRAWING
 - RD ROOF DRAIN
 - CO CLEAN-OUT
 - WP WOOD POST
- TREES:**
- C CEDAR
 - F FIR
 - P PINE
 - DEC DECIDUOUS
 - HEM HEMLOCK
 - A ALDER
 - M MAPLE
 - CTN COTTONWOOD
 - ORN ORNAMENTAL
 - B BIRCH



- NOTES:**
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88

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DUANE HARTMAN & ASSOCIATES, INC.
Surveyors

16928 WOODINVILLE-REDMOND ROAD, B-107 (425) 483-5355
 WOODINVILLE, WASHINGTON 98072 FAX (425) 483-4650

Snohomish County
Parks and Recreation

REVISIONS				
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AND ESTUARY DESIGN**
18-XXXXX LDA

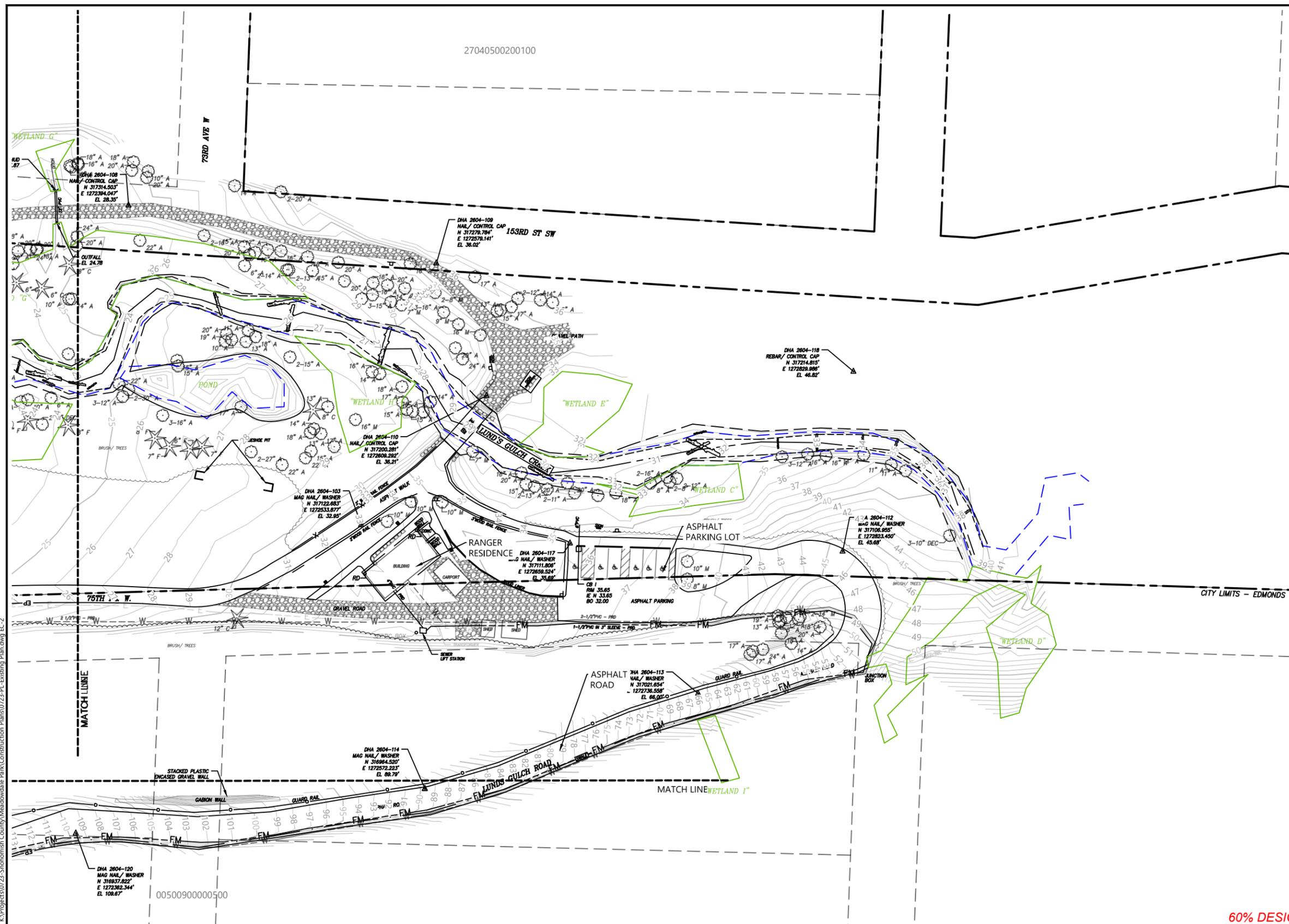
EXISTING CONDITIONS PLAN (1 OF 3)

EC-1

SHEET NO. 7 OF 50

ONE INCH AT FULL SIZE IF NOT ONE INCH SCALE ACCORDINGLY

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- LEGEND:**
- WATER METER
 - JUNCTION BOX
 - SANITARY/ STORM CLEAN-OUT
 - SANITARY SEWER MANHOLE
 - DHA SURVEY CONTROL
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 - WETLAND BOUNDARY
 - ORDINARY HIGH WATER MARK
 - GRAVEL PATH
 - EDGE OF ASPHALT
 - CREEK TOE
 - CREEK TOP
 - PARK BOUNDARY LINE
 - PLAT LOT LINE
 - BNSF RIGHT OF WAY
 - PLAT CENTERLINE
 - FENCING
 - UNDERGROUND STORM LINE
 - UNDERGROUND SEWER GRAVITY LINE
 - UNDERGROUND SEWER FORCE MAIN LINE
 - UNDERGROUND WATER LINE
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 - UNDERGROUND TELEPHONE LINE
 - ROCKERY

- ABBREVIATIONS:**
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 - (A) APPROXIMATE
 - PRD PER RECORD DRAWING
 - RD ROOF DRAIN
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 - F FIR
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 - ORN ORNAMENTAL
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0 30 60
SCALE IN FEET

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Surveyors

16928 WOODINVILLE-REDMOND ROAD, B-107
WOODINVILLE, WASHINGTON 98072

(425) 483-5355
FAX (425) 483-4650

Snohomish County
Parks and Recreation

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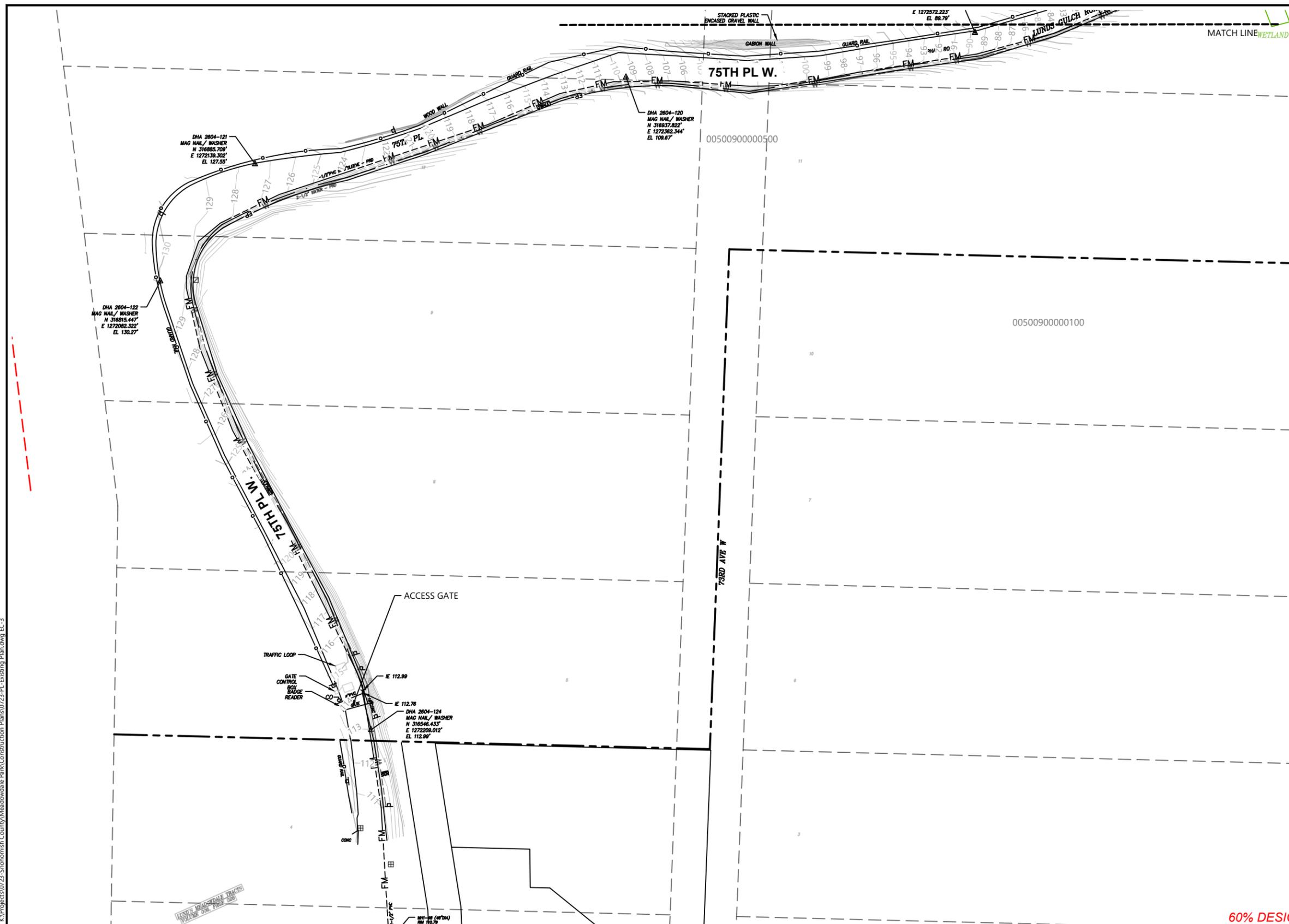
EXISTING CONDITIONS PLAN (2 OF 3)

EC-2

SHEET NO. 8 OF 50

ONE INCH
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K:\Projects\0723-Snohomish County Meadowdale Park\Construction Plans\0723-PL-Existing Plan.dwg EC-3
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- LEGEND:**
- WATER METER
 - JUNCTION BOX
 - SANITARY/ STORM CLEAN-OUT
 - SANITARY SEWER MANHOLE
 - DHA SURVEY CONTROL
 - MONUMENT IN CASE
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 - UNDERGROUND SEWER FORCE MAIN LINE
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 - UNDERGROUND POWER LINE
 - UNDERGROUND TELEPHONE LINE
 - ROCKERY

- ABBREVIATIONS:**
- | | |
|-----------------------------|----------------|
| CONC CONCRETE | C CEDAR |
| P.A. PLANTED AREA | F FIR |
| PVC POLYVINYL CHLORIDE PIPE | P PINE |
| (A) APPROXIMATE | DEC DECIDUOUS |
| PRD PER RECORD DRAWING | HEM HEMLOCK |
| RD ROOF DRAIN | A ALDER |
| CO CLEAN-OUT | M MAPLE |
| WP WOOD POST | CTN COTTONWOOD |
| | ORN ORNAMENTAL |
| | B BIRCH |



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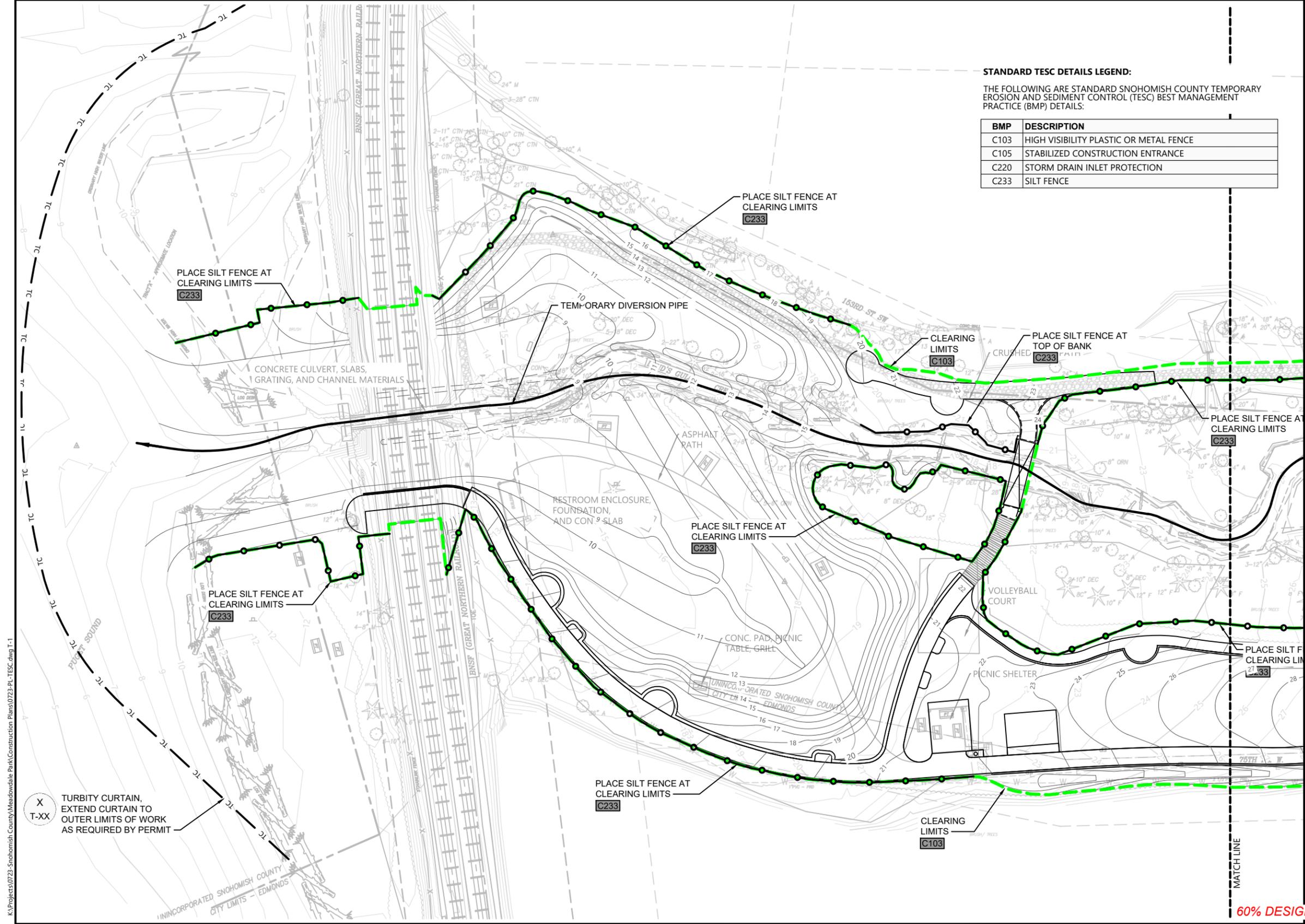
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

EXISTING CONDITIONS PLAN (3 OF 3)

EC-3

SHEET NO. 9 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY



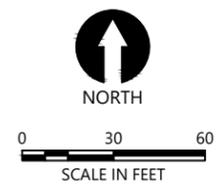
STANDARD TESC DETAILS LEGEND:
 THE FOLLOWING ARE STANDARD SNOHOMISH COUNTY TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) BEST MANAGEMENT PRACTICE (BMP) DETAILS:

BMP	DESCRIPTION
C103	HIGH VISIBILITY PLASTIC OR METAL FENCE
C105	STABILIZED CONSTRUCTION ENTRANCE
C220	STORM DRAIN INLET PROTECTION
C233	SILT FENCE

LEGEND, TESC

	CLEARING LIMITS
	SILT FENCE
	BULK BAG COFFERDAM
	STABILIZED ROCK CONSTRUCTION ENTRANCE
	TURBIDITY CURTAIN
	SNOHOMISH COUNTY BMP NUMBER (SEE TABLE)

X
T-XX
TURBIDITY CURTAIN, EXTEND CURTAIN TO OUTER LIMITS OF WORK AS REQUIRED BY PERMIT



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL_TESC.dwg T-1
Feb 19, 2018 5:29pm bsewertsen



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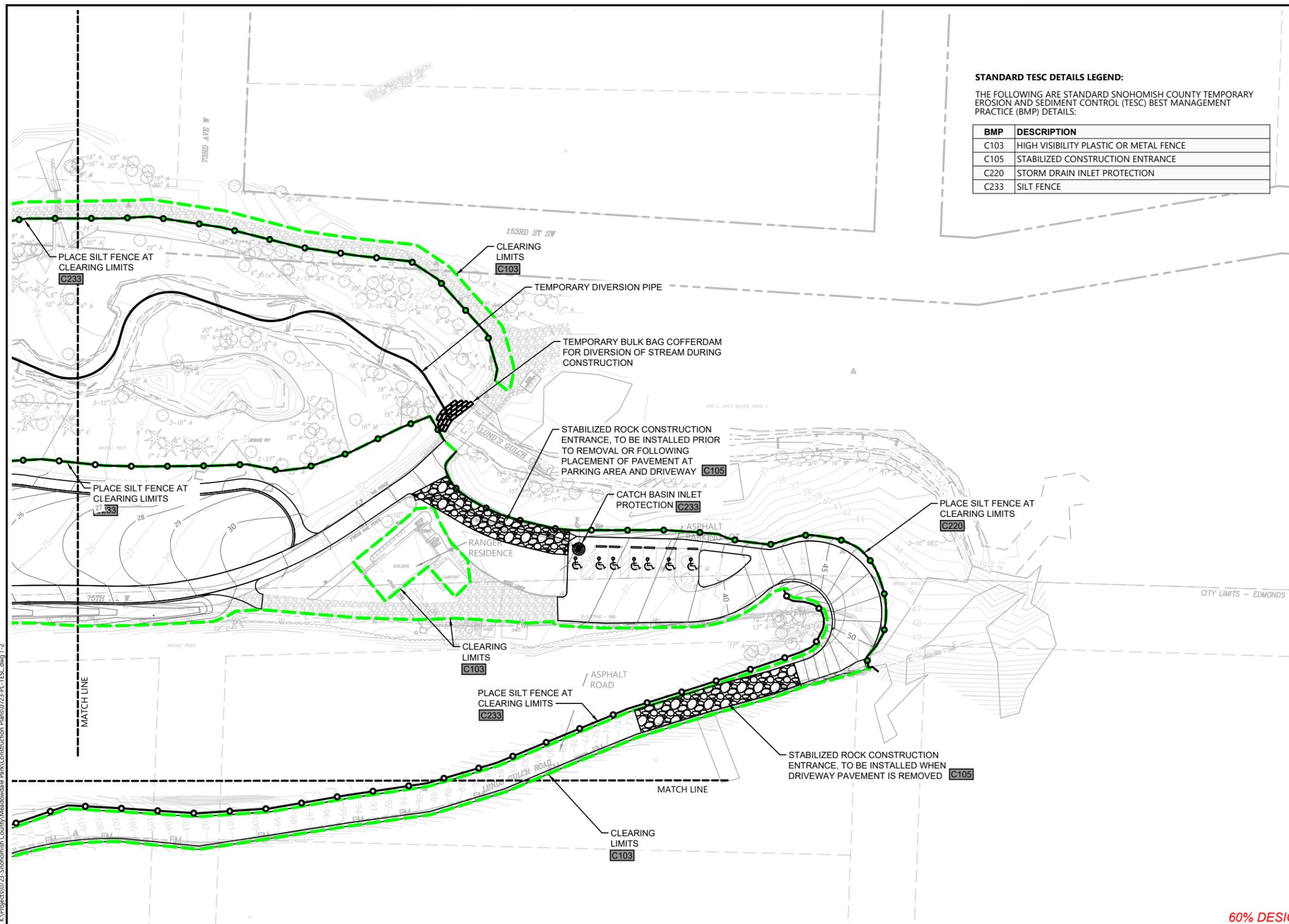
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 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA
**TEMPORARY EROSION AND SEDIMENT CONTROL
 (TESC) PLAN (1 OF 3)**

T-1
 SHEET NO. 10 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-TESC.dwg T-2
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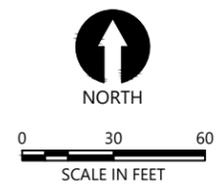


STANDARD TESC DETAILS LEGEND:
 THE FOLLOWING ARE STANDARD SNOHOMISH COUNTY TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) BEST MANAGEMENT PRACTICE (BMP) DETAILS:

BMP	DESCRIPTION
C103	HIGH VISIBILITY PLASTIC OR METAL FENCE
C105	STABILIZED CONSTRUCTION ENTRANCE
C220	STORM DRAIN INLET PROTECTION
C233	SILT FENCE

LEGEND, TESC

- CLEARING LIMITS
- SILT FENCE
- BULK BAG COFFERDAM
- STABILIZED ROCK CONSTRUCTION ENTRANCE
- TURBIDITY CURTAIN
- SNOHOMISH COUNTY BMP NUMBER (SEE TABLE)



- NOTES:**
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
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 3. VERTICAL DATUM: NAVD 88

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REVISIONS				
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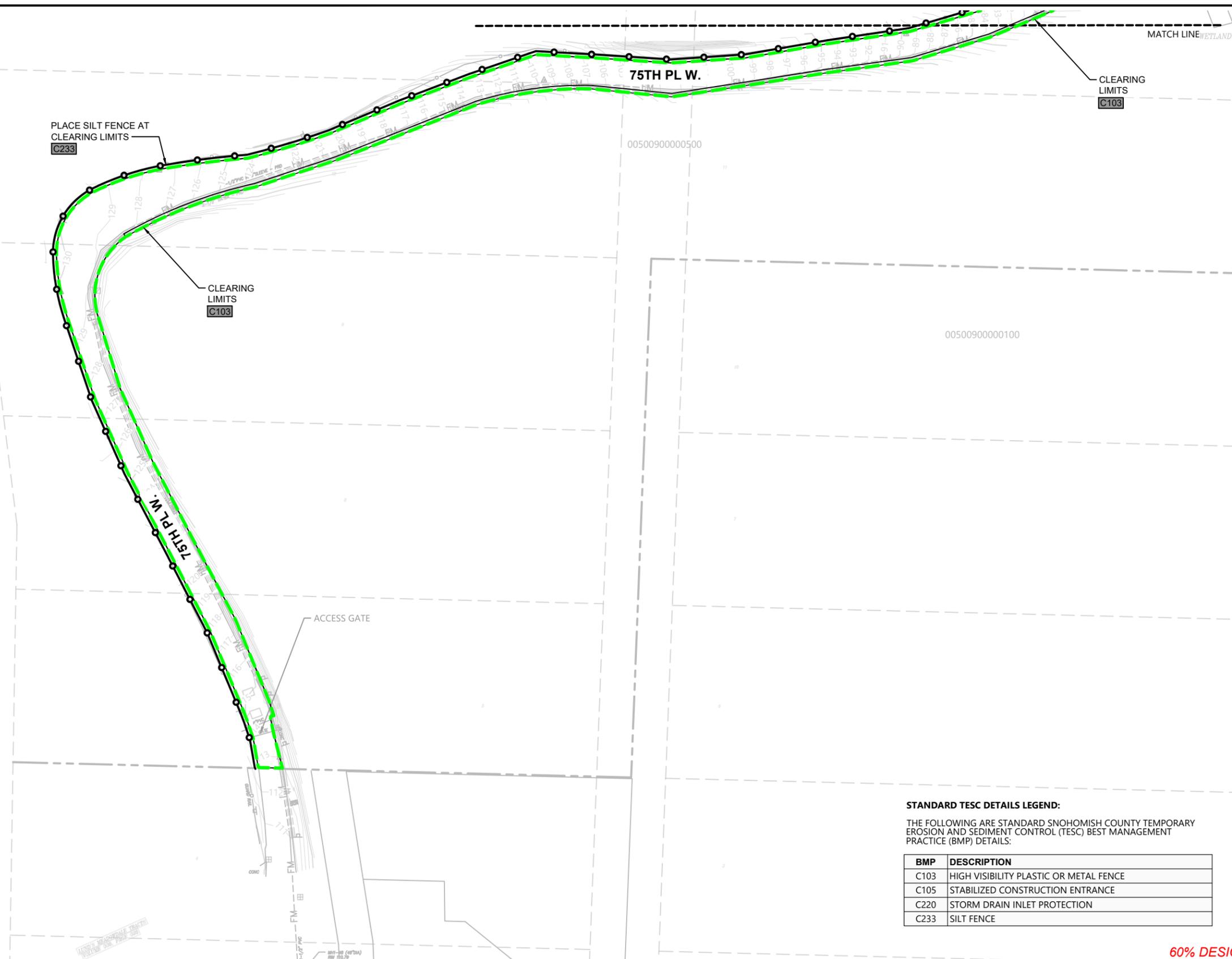
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 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA
**TEMPORARY EROSION AND SEDIMENT CONTROL
 (TESC) PLAN (2 OF 3)**

T-2
 SHEET NO. 11 OF 50

ONE INCH
 AT FULL SIZE IF NOT ONE
 INCH SCALE ACCORDINGLY

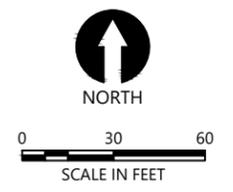
K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-TESC.dwg T-3
Feb 19, 2018 5:29pm bsevertsen



- LEGEND, TESC
- CLEARING LIMITS
 - SILT FENCE
 - BULK BAG COFFERDAM
 - STABILIZED ROCK CONSTRUCTION ENTRANCE
 - TURBIDITY CURTAIN
 - SNOHOMISH COUNTY BMP NUMBER (SEE TABLE)

STANDARD TESC DETAILS LEGEND:
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BMP	DESCRIPTION
C103	HIGH VISIBILITY PLASTIC OR METAL FENCE
C105	STABILIZED CONSTRUCTION ENTRANCE
C220	STORM DRAIN INLET PROTECTION
C233	SILT FENCE



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REVISIONS				
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DESIGNED BY: PH/BS
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APPROVED BY: PH
SCALE: 1" = 30'
DATE: FEBRUARY 2018

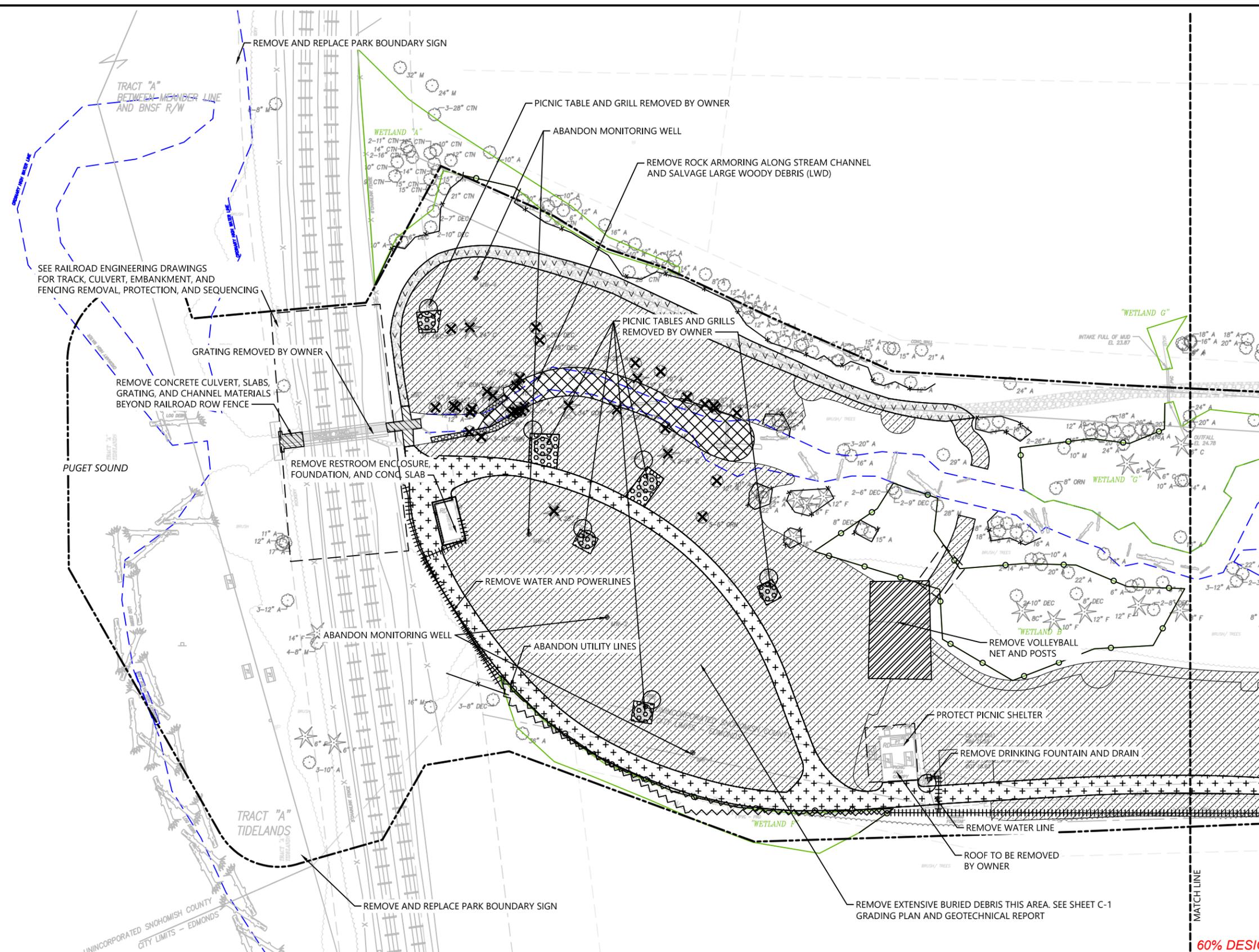
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

**TEMPORARY EROSION AND SEDIMENT CONTROL
(TESC) PLAN (3 OF 3)**

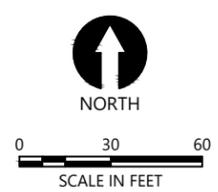
T-3

SHEET NO. 12 OF 50

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Demo Plan\dwg D-1
Feb 19, 2018 5:30pm bsewertsen



- LEGEND:**
- PROJECT BOUNDARY
 - [Hatched Box] REMOVE CONCRETE CULVERT, SLABS, GRATING, AND CHANNEL MATERIALS
 - [+ +] REMOVE ASPHALT PAVING
 - [Grid Box] REMOVE CONCRETE PAVING
 - [V V V] REMOVE CRUSHED ROCK SURFACING
 - [Diagonal Lines] CLEAR AND GRUB VEGETATION
 - [Cross-hatch Box] REMOVE VOLLEYBALL COURT SURFACING
 - [Empty Box] REMOVE STRUCTURE
 - [Dotted Box] REMOVE ROCK ARMORING
 - [X Box] SALVAGE LARGE WOODY DEBRIS
 - ||||| DEMO UTILITY LINE
 - ~~~~~ ABANDON UTILITY LINE
 - [Square with X] TEMPORARY CONSTRUCTION FENCING
 - [Line with X] TREE PROTECTION FENCING
 - [Line with Circle] WETLAND PROTECTION FENCING
 - [Circle] REMOVE FEATURE
 - [X] REMOVE/SALVAGE TREE WITH ROOTBALL
 - [Green Outline] EXISTING WETLAND TO BE PROTECTED



- NOTES:**
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88
 4. ALL WORK WITHIN CRITICAL AREAS PER PROJECT PERMITS AND REQUIRES ENGINEER TO BE PRESENT.
 5. CONTRACTOR SHALL CONTACT BNSF TO ENSURE NO SIGNAL OR TELECOM CABLES ARE LOCATED IN EXCAVATION AREAS; THE BNSF SIGNAL AND TELECOM LOCATE REQUEST NUMBER IS 1-800-533-2891

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

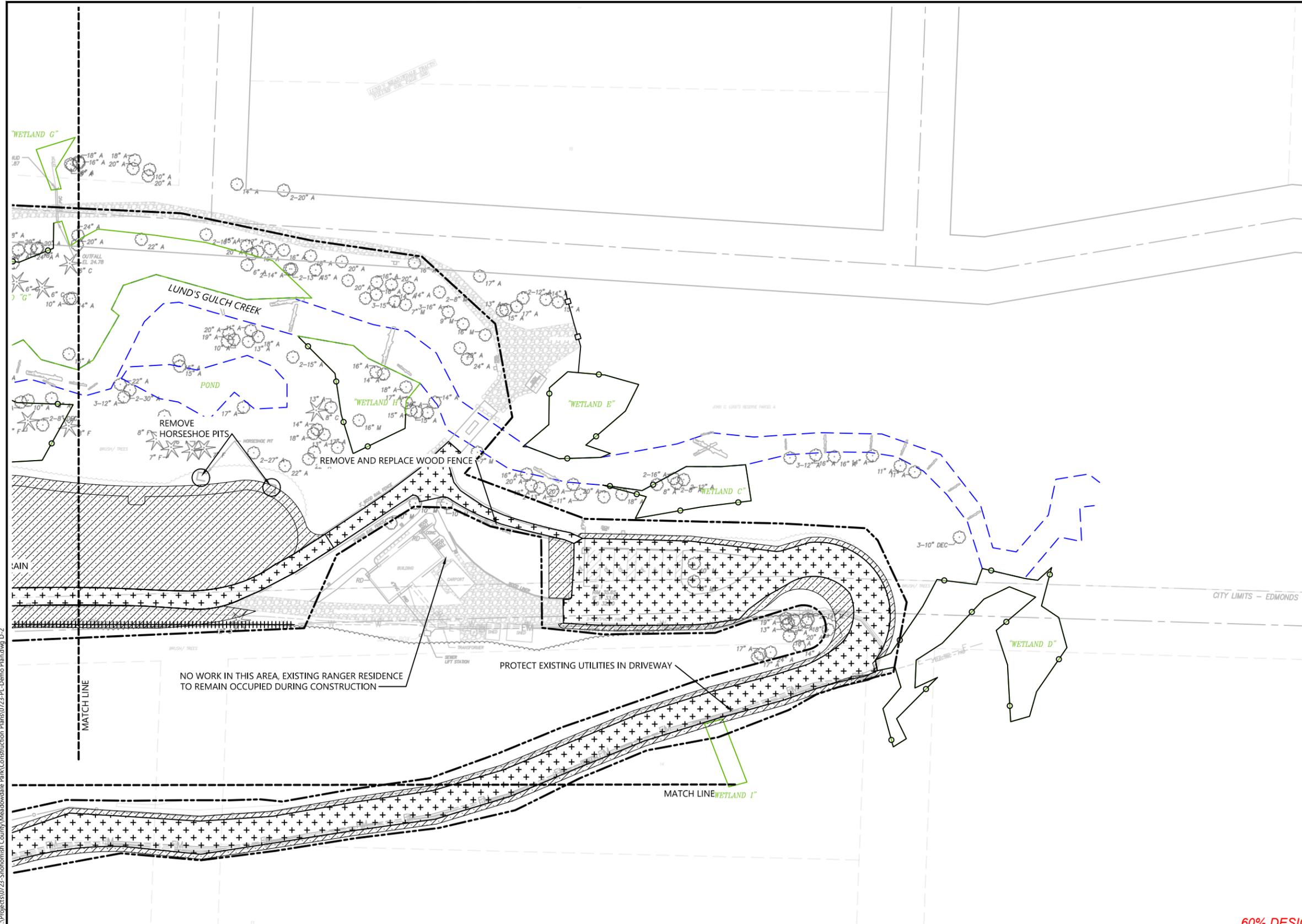
DEMOLITION PLAN (1 OF 3)

D-1

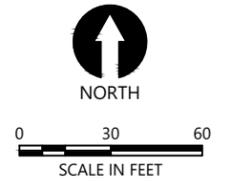
SHEET NO. 13 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Demo Plan\dwg_D-2



- LEGEND:
- PROJECT BOUNDARY
 - [Hatched Box] REMOVE CONCRETE CULVERT, SLABS, GRATING, AND CHANNEL MATERIALS
 - [+ Box] REMOVE ASPHALT PAVING
 - [V V V Box] REMOVE CRUSHED ROCK SURFACING
 - [Diagonal Hatched Box] CLEAR AND GRUB VEGETATION
 - [Diagonal Hatched Box] REMOVE VOLLEYBALL COURT SURFACING
 - [Empty Box] REMOVE STRUCTURE
 - [Dotted Box] REMOVE ROCK ARMORING
 - [X Box] SALVAGE LARGE WOODY DEBRIS
 - ||||| DEMO UTILITY LINE
 - ~~~~~ ABANDON UTILITY LINE
 - - - - - TEMPORARY CONSTRUCTION FENCING
 - x - - - TREE PROTECTION FENCING
 - o - - - WETLAND PROTECTION FENCING
 - REMOVE FEATURE
 - x REMOVE/SALVAGE TREE WITH ROOTBALL
 - [Green Outline Box] EXISTING WETLAND TO BE PROTECTED



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
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ONE INCH
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REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

DEMOLITION PLAN (2 OF 3)

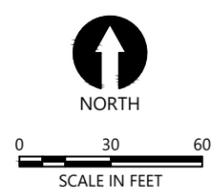
D-2

SHEET NO. 14 OF 50

Feb 19, 2018 5:30pm bsewertsen K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Demo Plan\dwg_D-3



- LEGEND:**
- PROJECT BOUNDARY
 - REMOVE CONCRETE CULVERT, SLABS, GRATING, AND CHANNEL MATERIALS
 - REMOVE ASPHALT PAVING
 - REMOVE CRUSHED ROCK SURFACING
 - CLEAR AND GRUB VEGETATION
 - REMOVE VOLLEYBALL COURT SURFACING
 - REMOVE STRUCTURE
 - REMOVE ROCK ARMORING
 - SALVAGE LARGE WOODY DEBRIS
 - DEMO UTILITY LINE
 - ABANDON UTILITY LINE
 - TEMPORARY CONSTRUCTION FENCING
 - TREE PROTECTION FENCING
 - WETLAND PROTECTION FENCING
 - REMOVE FEATURE
 - REMOVE/SALVAGE TREE WITH ROOTBALL
 - EXISTING WETLAND TO BE PROTECTED



- NOTES:**
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
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60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

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AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

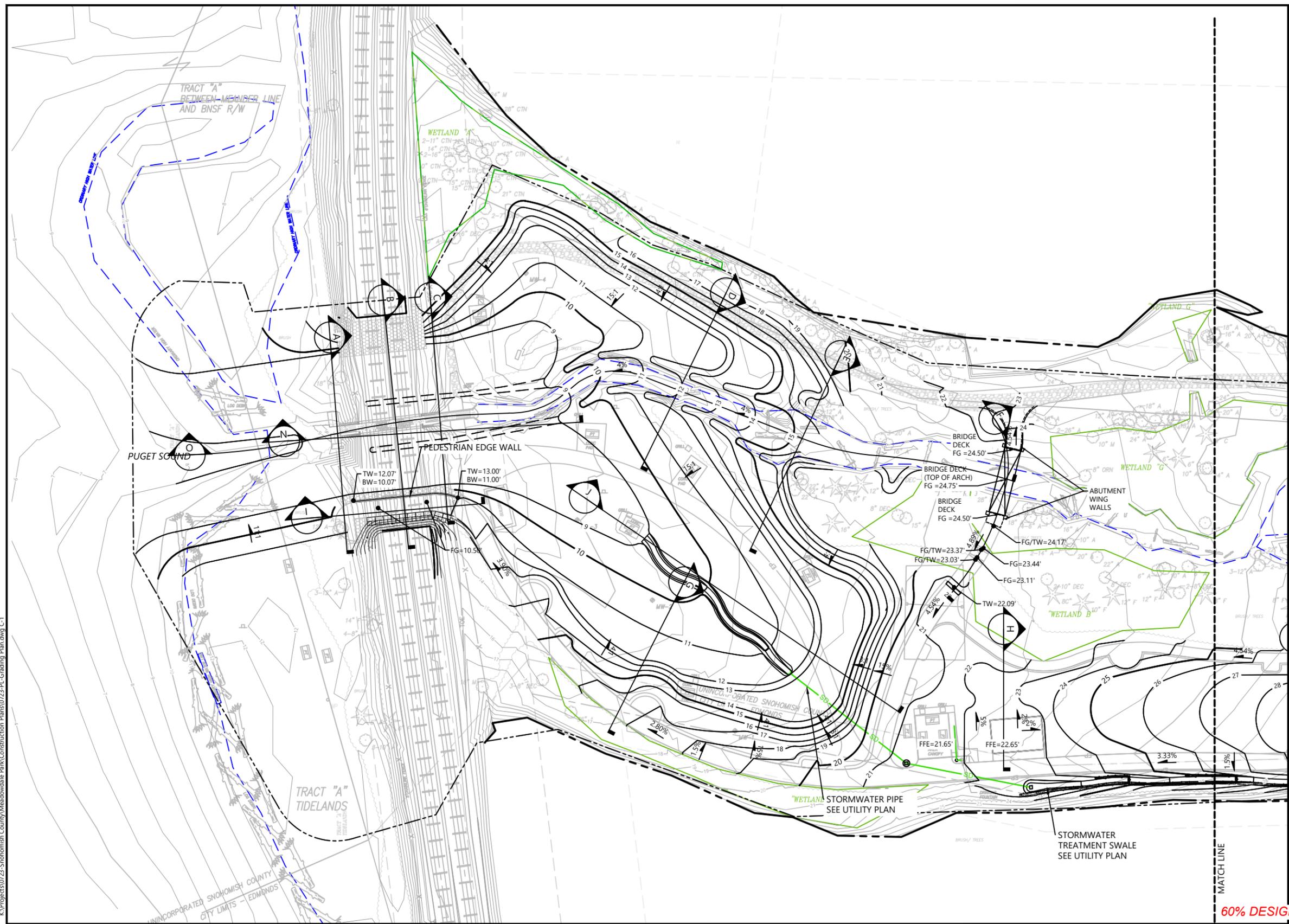
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

DEMOLITION PLAN (3 OF 3)

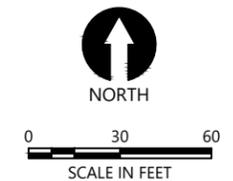
D-3

SHEET NO. 15 OF 50

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Feb 19, 2018 5:31 pm bsewertsen



- LEGEND:
- PROJECT BOUNDARY
 - EXISTING CONTOUR
 - EXISTING OHWM
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - STORMWATER PIPE (SEE CU SHEETS)
 - CATCH BASIN (SEE CU SHEETS FOR TYPE, RIM AND INVERT ELEVATIONS)
 - ⊗ TREE TO REMAIN
 - EXISTING WETLAND TO BE PROTECTED



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88
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60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

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 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXX LDA

GRADING PLAN (1 OF 3)

C-1

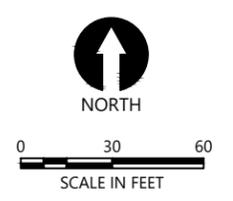
SHEET NO. 16 OF 50

ONE INCH
 AT FULL SIZE IF NOT ONE
 INCH SCALE ACCORDINGLY

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Feb 19, 2018 5:31 pm bsewertsen



- LEGEND:**
- PROJECT BOUNDARY
 - EXISTING CONTOUR
 - EXISTING OHWM
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - STORMWATER PIPE (SEE CU SHEETS)
 - ▣ CATCH BASIN (SEE CU SHEETS FOR TYPE, RIM AND INVERT ELEVATIONS)
 - ☼ TREE TO REMAIN
 - ▭ EXISTING WETLAND TO BE PROTECTED



- NOTES:**
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 3. VERTICAL DATUM: NAVD 88
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REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN
18-XXXXX LDA**

GRADING PLAN (2 OF 3)

C-2

SHEET NO. 17 OF 50

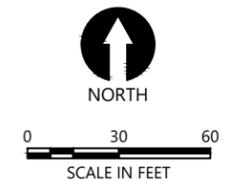
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Feb 19, 2018 5:31pm bsevertsen



NOTE:
NO GRADING THIS SHEET, SEE
CONSTRUCTION MATERIAL PLAN
FOR PAVING

MATCH LINE WETLAND

- LEGEND:
- PROJECT BOUNDARY
 - EXISTING CONTOUR
 - EXISTING OHWM
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - STORMWATER PIPE (SEE CU SHEETS)
 - CATCH BASIN (SEE CU SHEETS FOR TYPE, RIM AND INVERT ELEVATIONS)
 - TREE TO REMAIN
 - EXISTING WETLAND TO BE PROTECTED



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REVISIONS				
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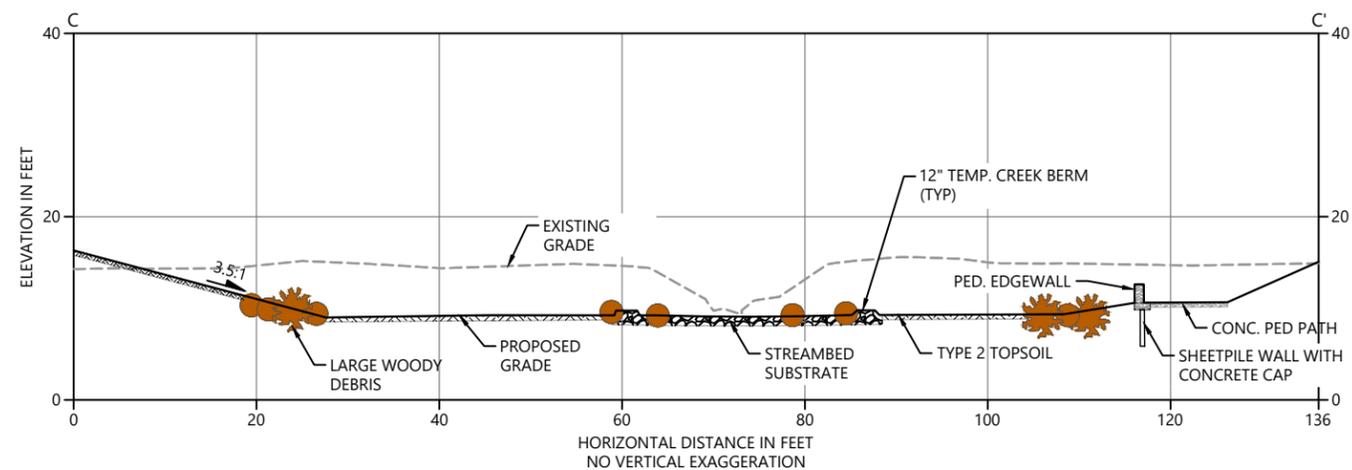
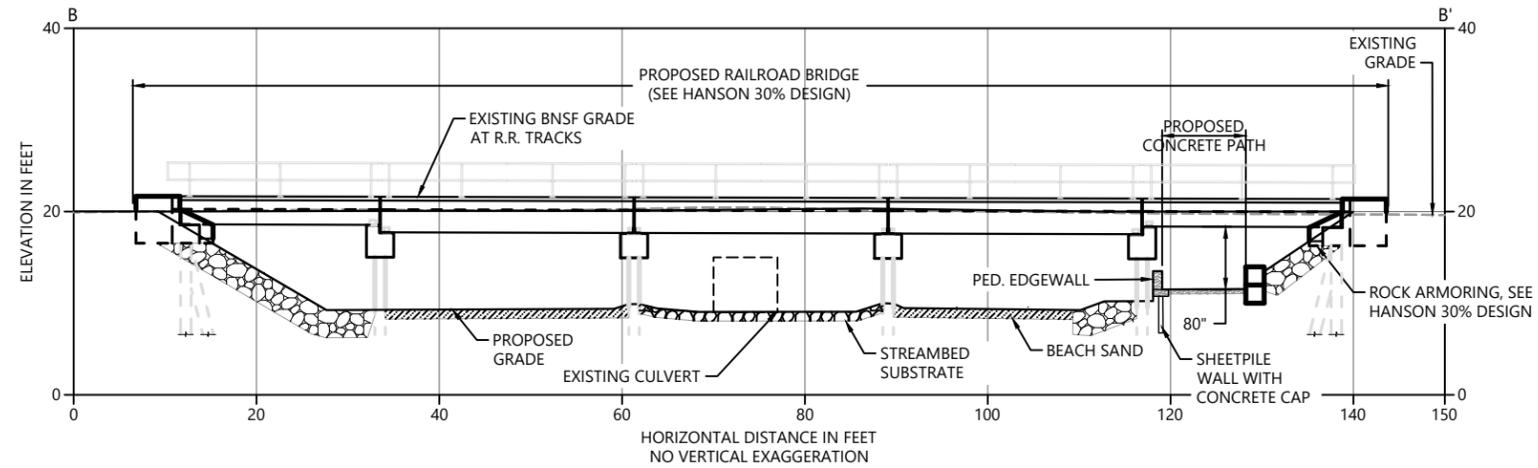
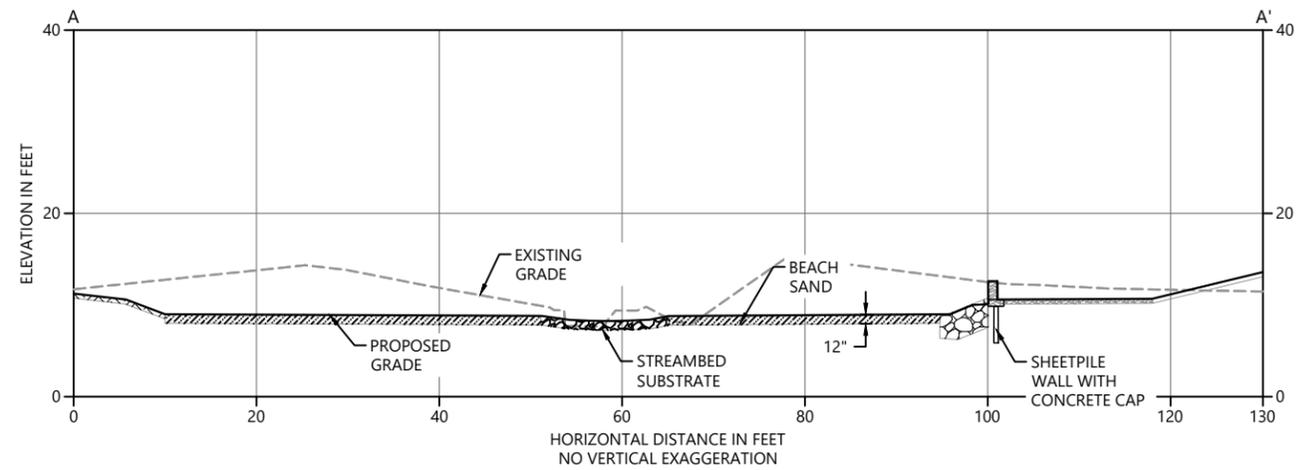
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**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

GRADING PLAN (3 OF 3)

C-3

SHEET NO. 18 OF 50



- LEGEND:
- 6" TYPE 1 TOPSOIL
 - 6" TYPE 2 TOPSOIL
 - TYPE 1 TOPSOIL OVER ON-SITE SALVAGED SAND
 - 12" BEACH SAND
 - ROCK ARMORING
 - CRUSHED ROCK PATH
 - ASPHALT PATH
 - CONCRETE PATH
 - LARGE WOODY DEBRIS



ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
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 SCALE: 1" = 10'
 DATE: FEBRUARY 2018

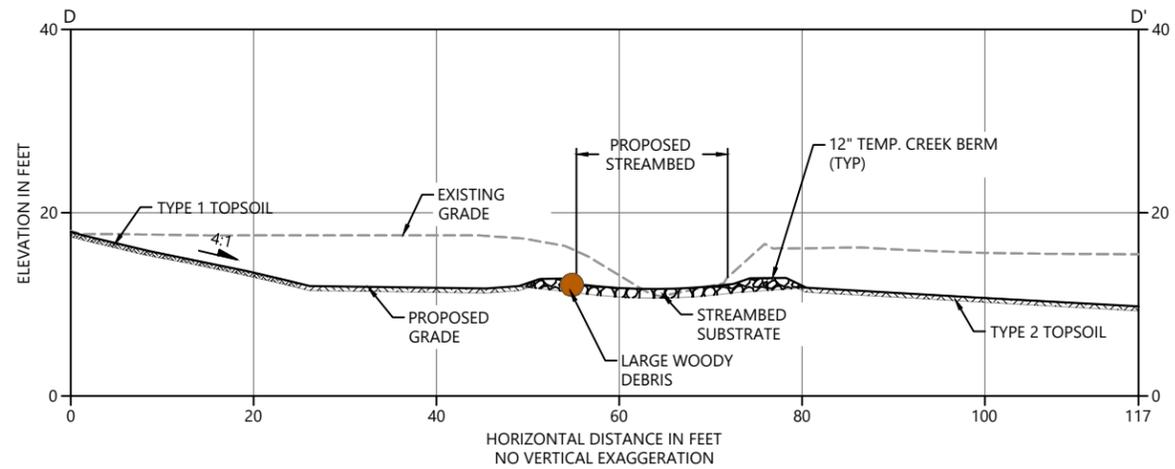
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

GRADING CROSS-SECTIONS (1 OF 4)

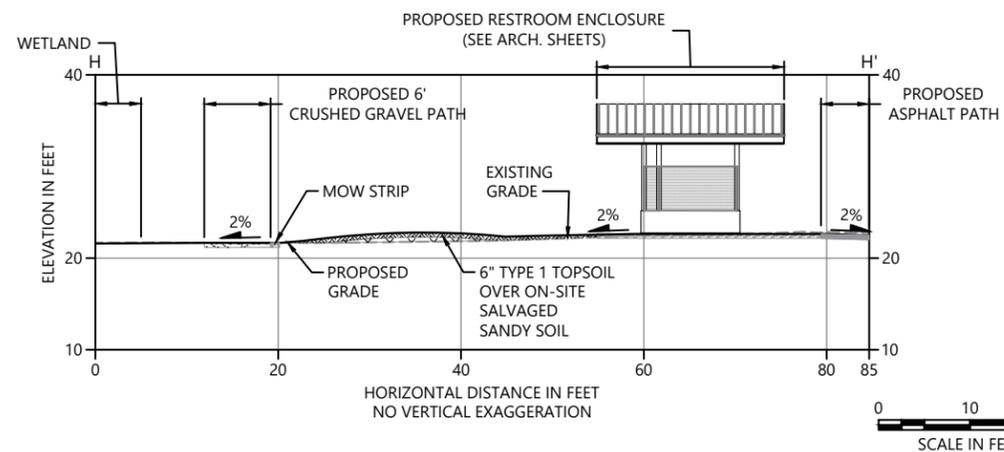
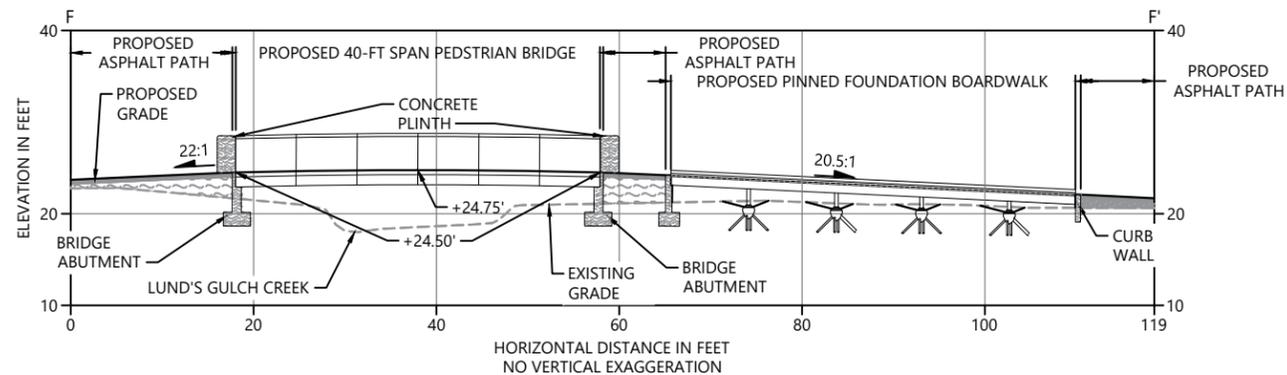
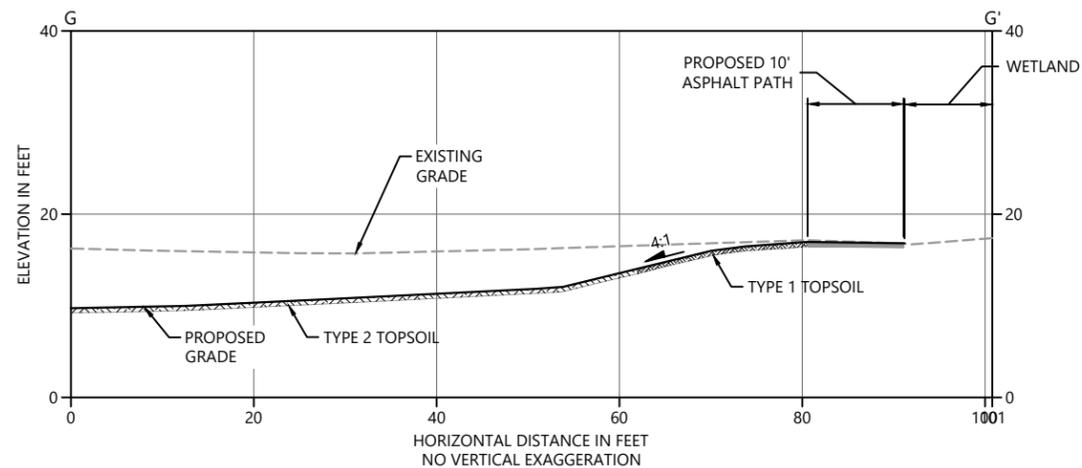
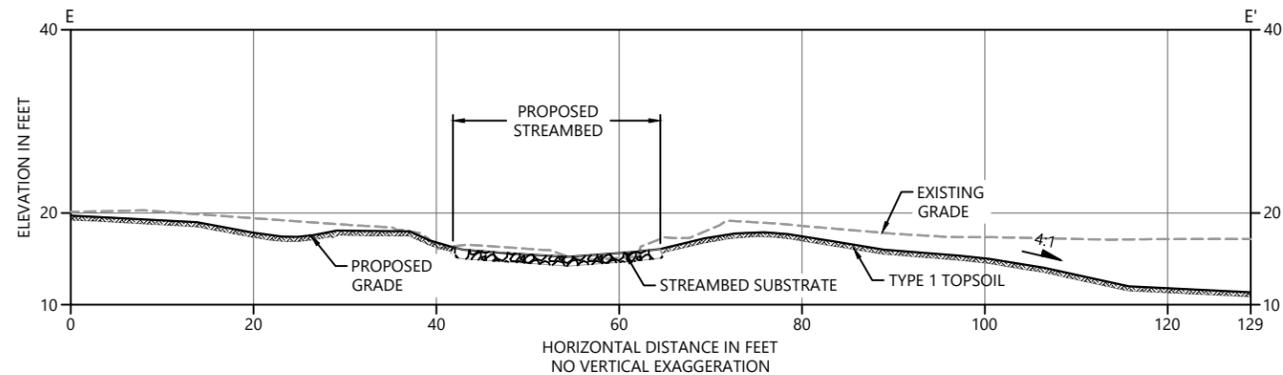
C-4

SHEET NO. 19 OF 50

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Feb 19, 2018 5:32pm bsewertsen



- LEGEND:
- 6" TYPE 1 TOPSOIL
 - 6" TYPE 2 TOPSOIL
 - TYPE 1 TOPSOIL OVER ON-SITE SALVAGED SAND
 - 12" BEACH SAND
 - STREAMBED COBBLES
 - ROCK ARMORING
 - CRUSHED ROCK PATH
 - ASPHALT PATH
 - COMMON FILL
 - CONCRETE
 - LARGE WOODY DEBRIS



ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

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Feb 19, 2018 5:32pm bsewertsen



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

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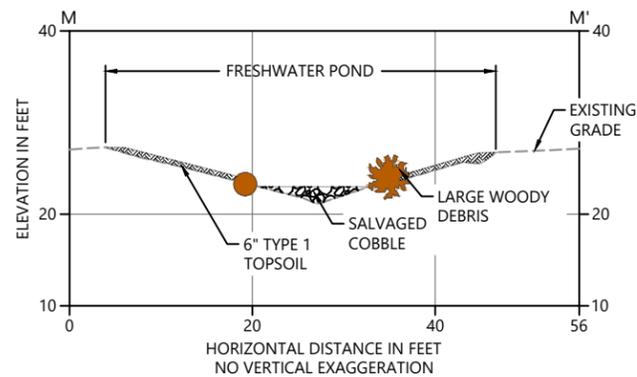
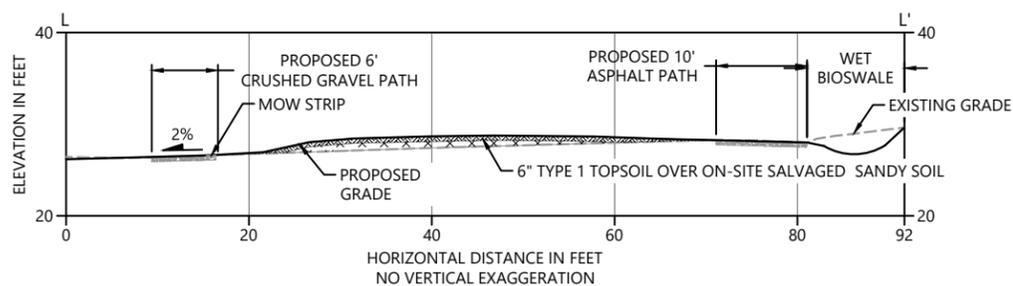
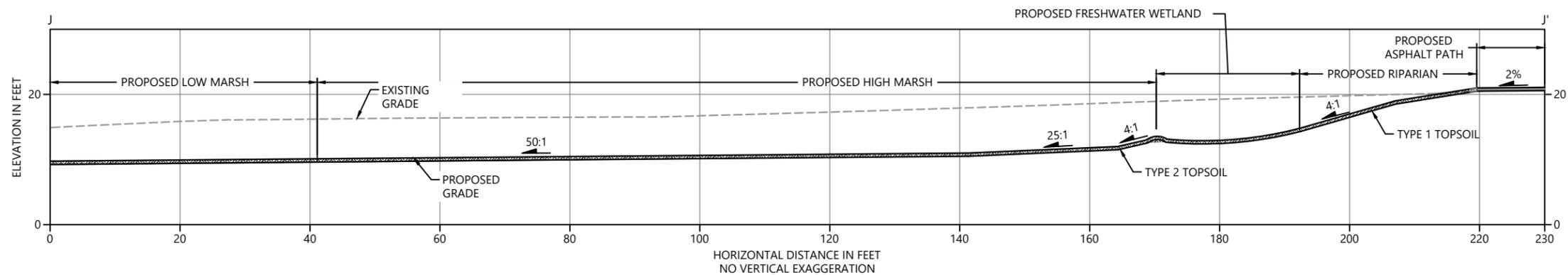
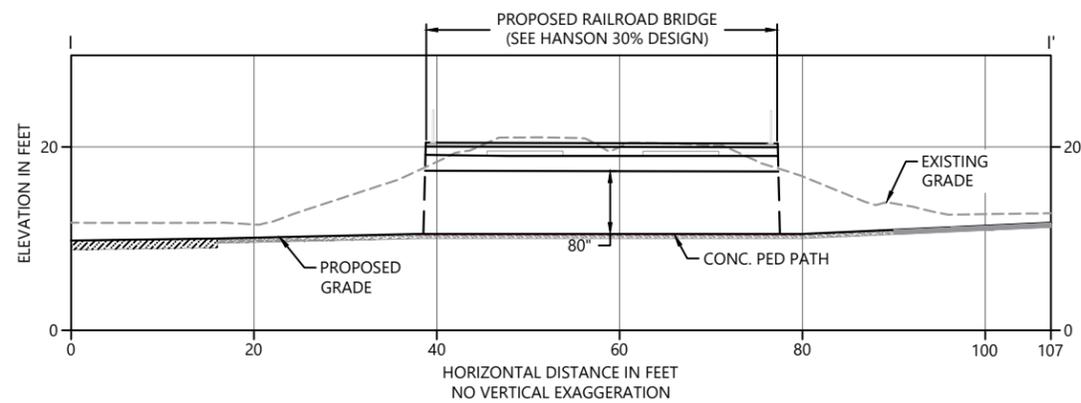
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

GRADING CROSS-SECTIONS (2 OF 4)

C-5

SHEET NO. 20 OF 50

K:\Projects\0723-Snohomish County Meadowdale Park\Construction Plans\0723-PL-Grading Plan_Sections.dwg C-6
Feb 19, 2018 5:32pm bsevertsen



- LEGEND:
- 6" TYPE 1 TOPSOIL
 - 6" TYPE 2 TOPSOIL
 - TYPE 1 TOPSOIL OVER ON-SITE SALVAGED SAND
 - 12" BEACH SAND
 - STREAMBED COBBLES
 - ROCK ARMORING
 - CRUSHED ROCK PATH OR TRENCH
 - ASPHALT PATH
 - CONCRETE PATH
 - LARGE WOODY DEBRIS



ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

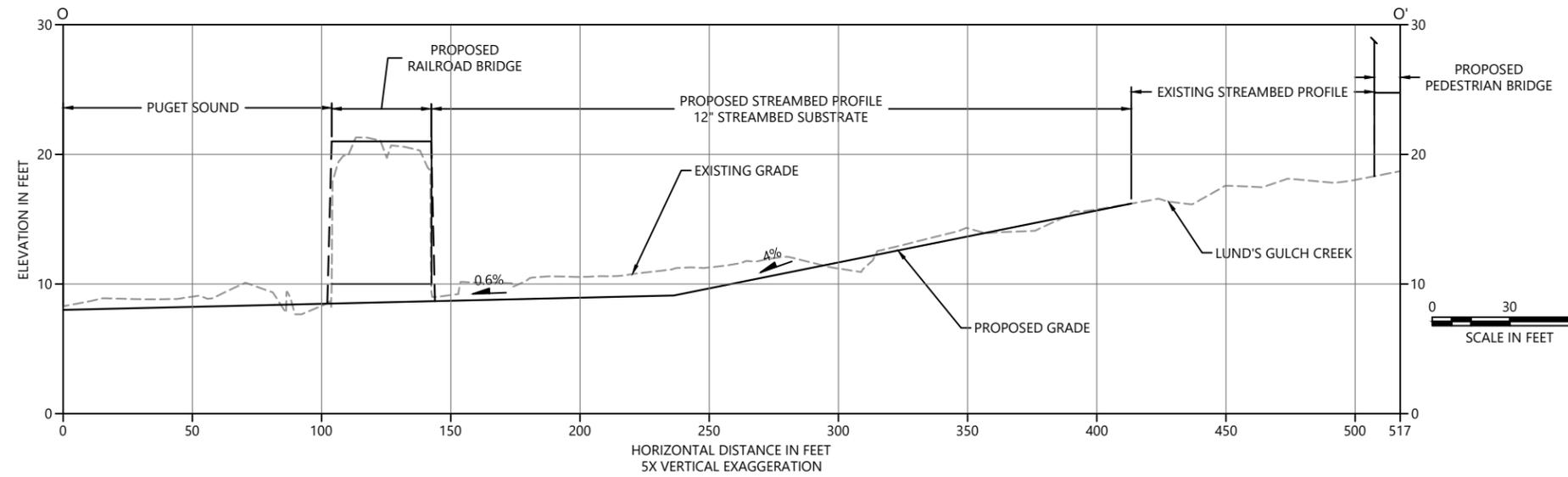
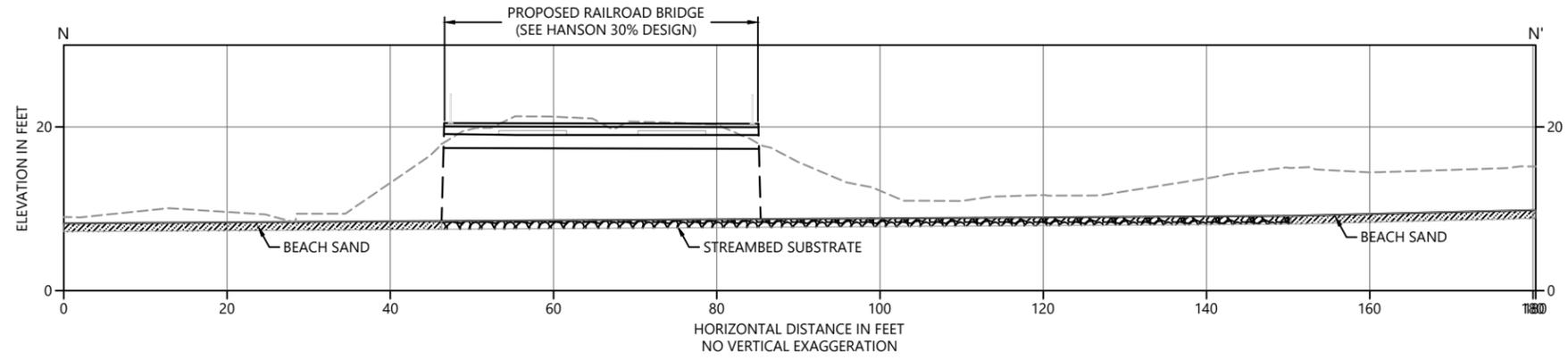
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 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 10'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

GRADING CROSS-SECTIONS (3 OF 4)

C-6

SHEET NO. 21 OF 50



ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: VARIES
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN
18-XXXXX LDA**

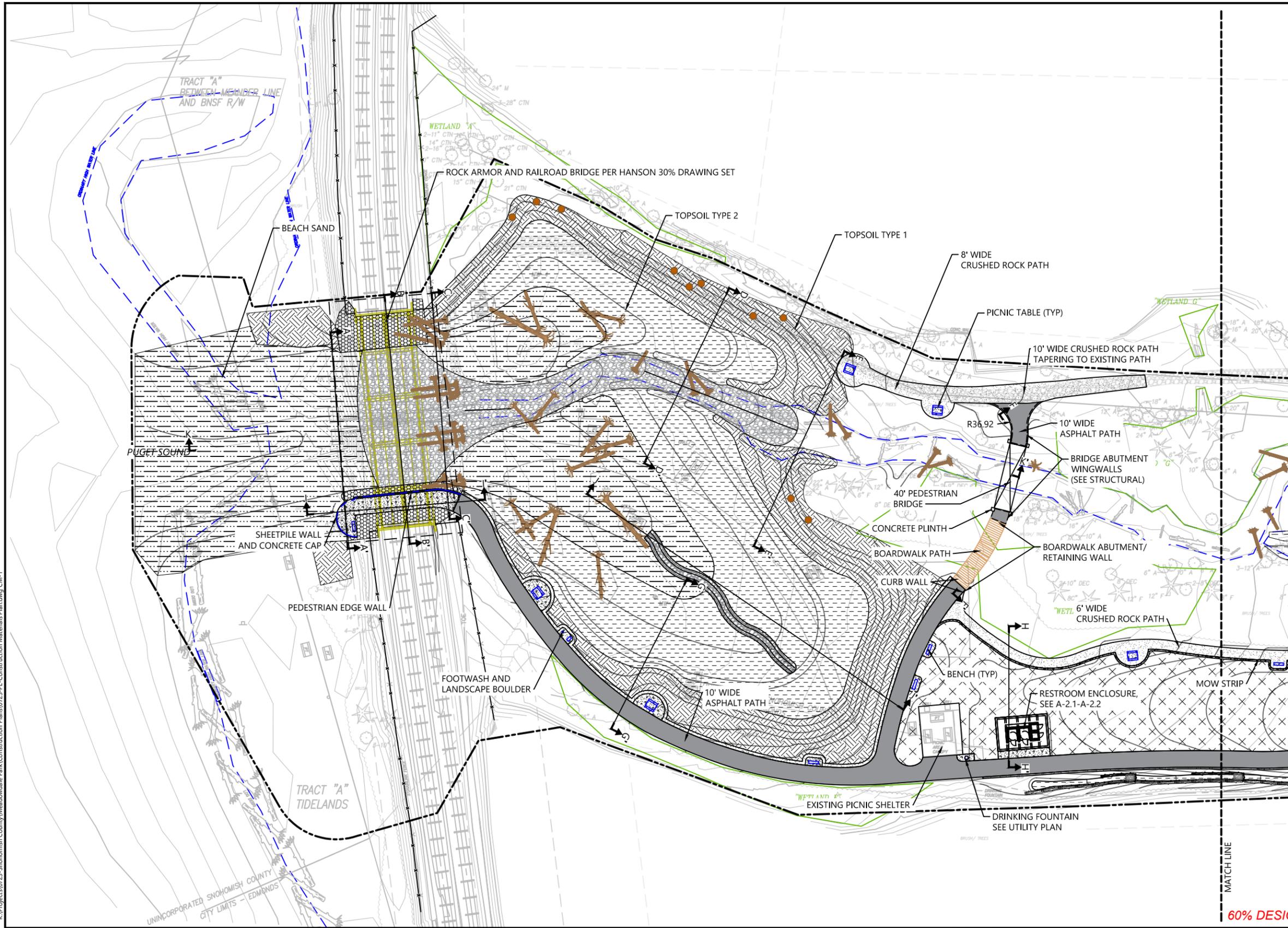
GRADING CROSS SECTIONS (4 OF 4)

C-7

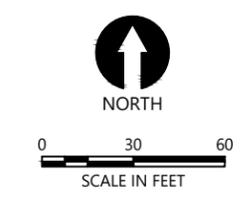
SHEET NO. 22 OF 50

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Feb 19, 2018 5:32pm bsevertsen

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Construction Materials Plan.dwg CM-1
 Feb 19, 2018 5:33pm bsewertsen



- LEGEND:
- PROJECT BOUNDARY
 - [Pattern] 6" TYPE 1 TOPSOIL
 - [Pattern] 6" TYPE 2 TOPSOIL AND COIR FABRIC
 - [Pattern] 6" TYPE 1 TOPSOIL OVER ON-SITE SALVAGED SANDY SOIL
 - [Pattern] 12" BEACH SAND/GRAVEL
 - [Symbol] LARGE WOODY DEBRIS
 - [Pattern] ROCK ARMORING (SEE HANSON 30%)
 - [Pattern] STREAMBED AND SWALE COBBLES
 - [Pattern] CRUSHED ROCK PATH OR TRENCH
 - [Pattern] ASPHALT PAVING
 - [Pattern] CONCRETE PATH/PAD
 - [Symbol] PEDESTRIAN BRIDGE
 - [Pattern] BOARDWALK PATH
 - [Line] EXISTING WETLAND TO BE PROTECTED
 - [Symbol] SWALE LOG EDGING
 - [Symbol] CHAIN LINK FENCE
 - [Symbol] PICNIC TABLE
 - [Symbol] BENCH
 - [Symbol] SNAGS



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH
 AT FULL SIZE IF NOT ONE
 INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

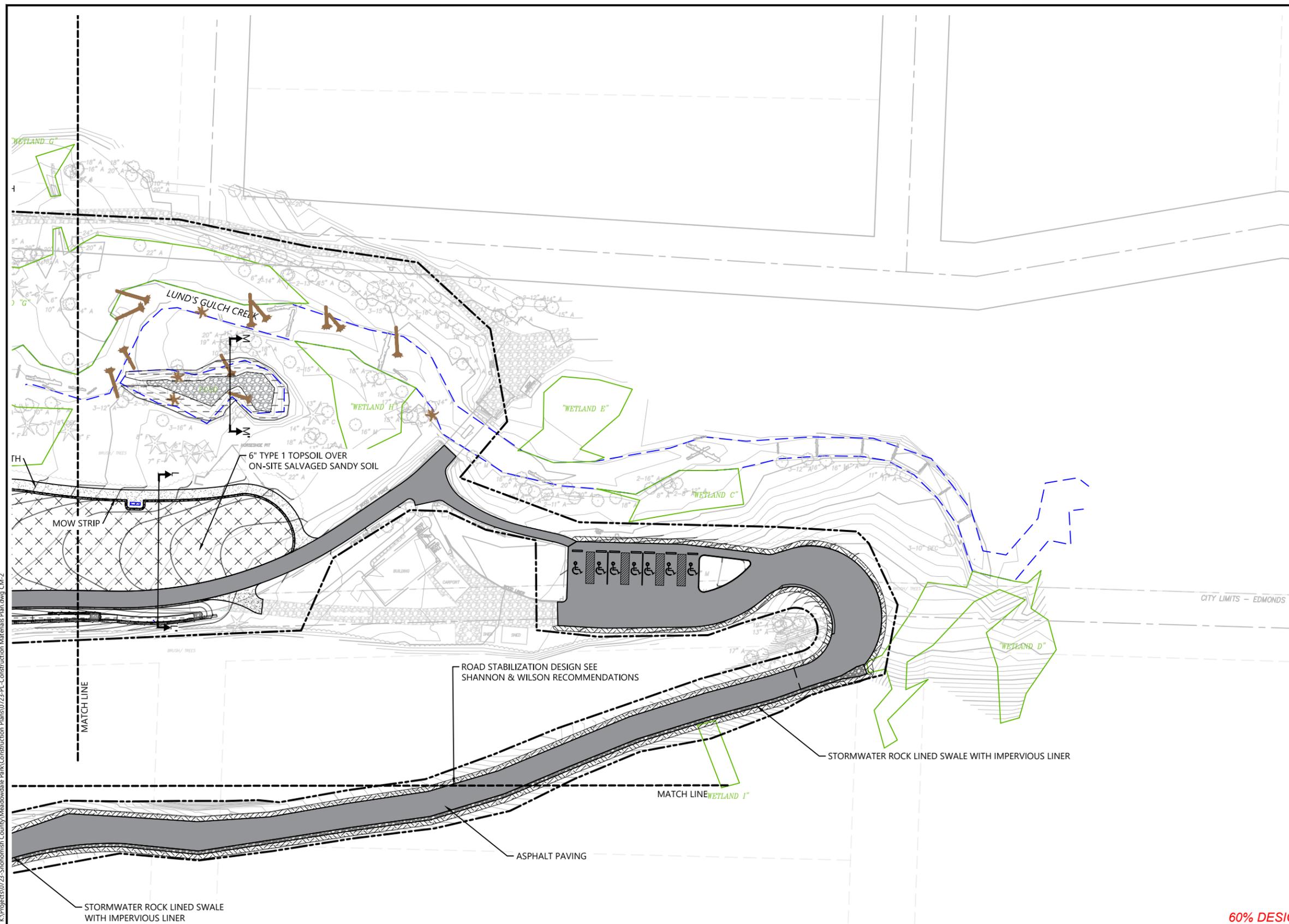
**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA

CONSTRUCTION MATERIALS PLAN (1 OF 3)

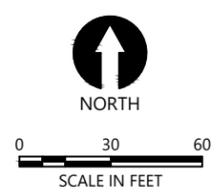
CM-1

SHEET NO. 23 OF 50

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 Feb 19, 2018 5:33pm bsewertsen



- LEGEND:
- PROJECT BOUNDARY
 - [Hatched Box] 6" TYPE 1 TOPSOIL
 - [Dashed Box] 6" TYPE 2 TOPSOIL AND COIR FABRIC
 - [Cross-hatched Box] 6" TYPE 1 TOPSOIL OVER ON-SITE SALVAGED SANDY SOIL
 - [Dotted Box] 12" BEACH SAND
 - [Star Symbol] LARGE WOODY DEBRIS
 - [Rock Pattern Box] ROCK ARMORING (SEE HANSON 30%)
 - [Cobble Pattern Box] STREAMBED AND SWALE COBBLES
 - [Crushed Rock Pattern Box] CRUSHED ROCK PATH OR TRENCH
 - [Grey Box] ASPHALT PAVING
 - [Concrete Pattern Box] CONCRETE PATH/PAD
 - [X-hatched Box] PEDESTRIAN BRIDGE
 - [Wood Plank Pattern Box] BOARDWALK PATH
 - [Green Outline] EXISTING WETLAND TO BE PROTECTED
 - [Line with Dashes] SWALE LOG EDGING
 - [Line with Tick Marks] CHAIN LINK FENCE
 - [Blue Square] PICNIC TABLE
 - [Blue Line] BENCH



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

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 INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

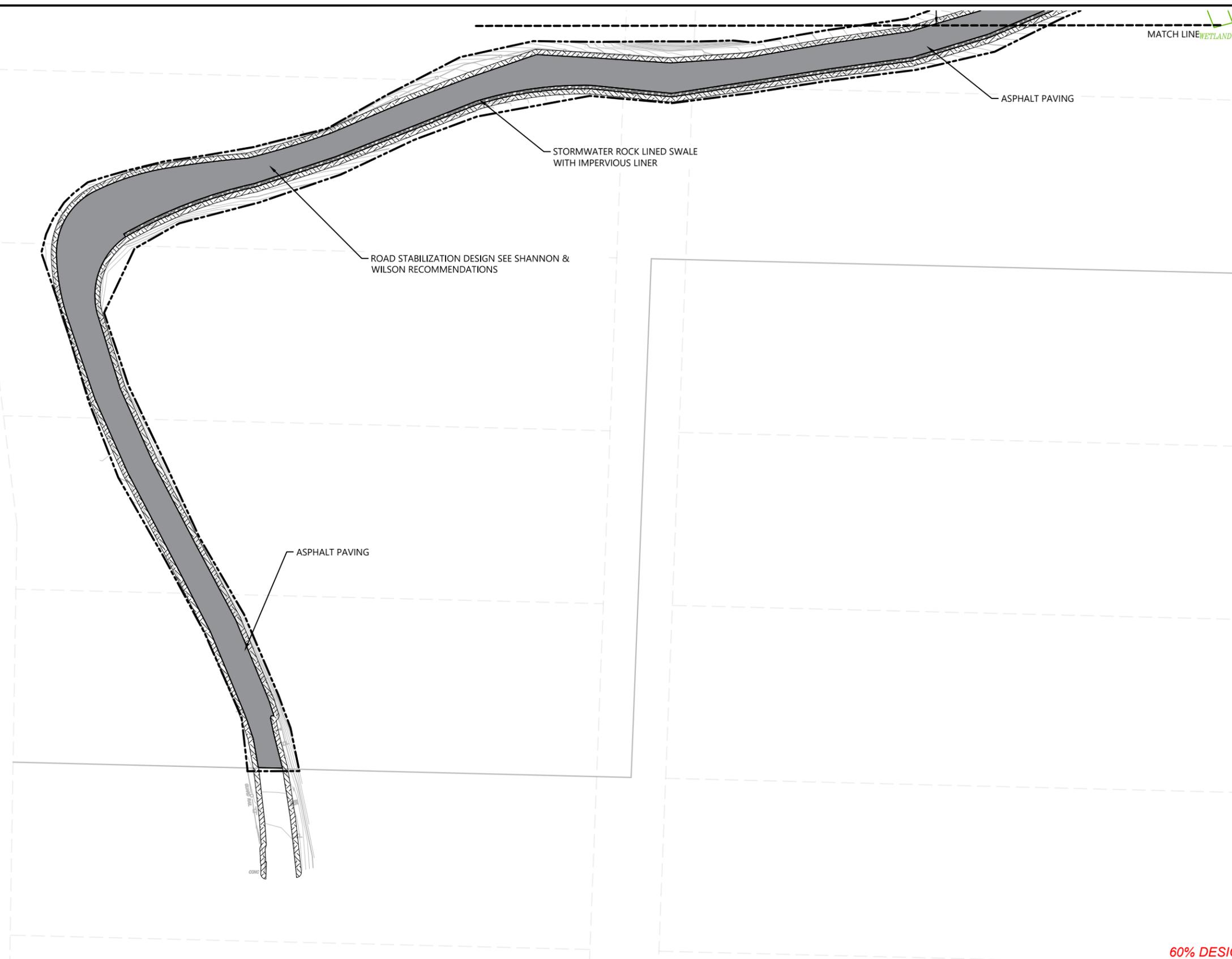
**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA

CONSTRUCTION MATERIALS PLAN (2 OF 3)

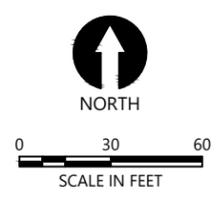
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SHEET NO. 24 OF 50

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Feb 19, 2018 5:33pm bsevertsen



- LEGEND:
- PROJECT BOUNDARY
 - [Hatched Box] 6" TYPE 1 TOPSOIL
 - [Hatched Box] 6" TYPE 2 TOPSOIL
 - [Hatched Box] 6" TYPE 1 TOPSOIL OVER ON-SITE SALVAGED SANDY SOIL
 - [Dotted Box] 12" BEACH SAND
 - [Star Symbol] LARGE WOODY DEBRIS
 - [Rock Pattern Box] ROCK ARMORING (SEE HANSON 30%)
 - [Cobble Pattern Box] STREAMBED AND SWALE COBBLES
 - [Crushed Rock Pattern Box] CRUSHED ROCK PATH OR TRENCH
 - [Grey Box] ASPHALT PAVING
 - [Concrete Pattern Box] CONCRETE PATH/PAD
 - [X Pattern Box] PEDESTRIAN BRIDGE
 - [Wood Plank Pattern Box] BOARDWALK PATH
 - [Green Outline Box] EXISTING WETLAND TO BE PROTECTED
 - [Dashed Line] SWALE LOG EDGING
 - [Chain Link Fence Symbol] CHAIN LINK FENCE
 - [Blue Square] PICNIC TABLE
 - [Blue Line] BENCH



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

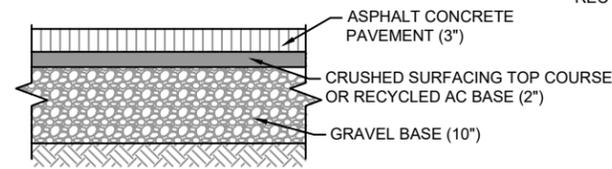
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 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

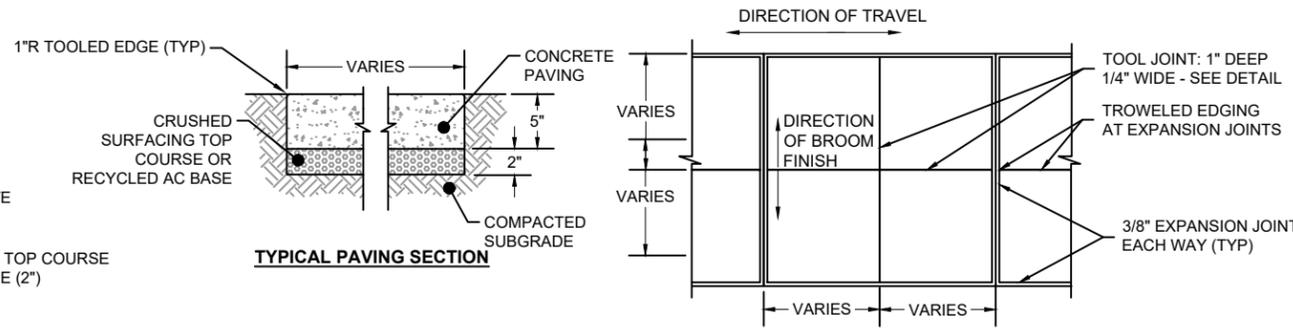
CONSTRUCTION MATERIALS PLAN (3 OF 3)

CM-3

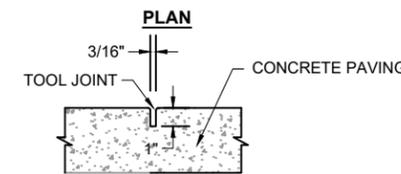
SHEET NO. 25 OF 50



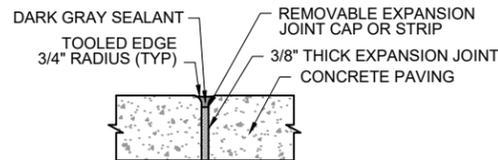
1 TYPICAL ASPHALT PAVING
SCALE: NTS



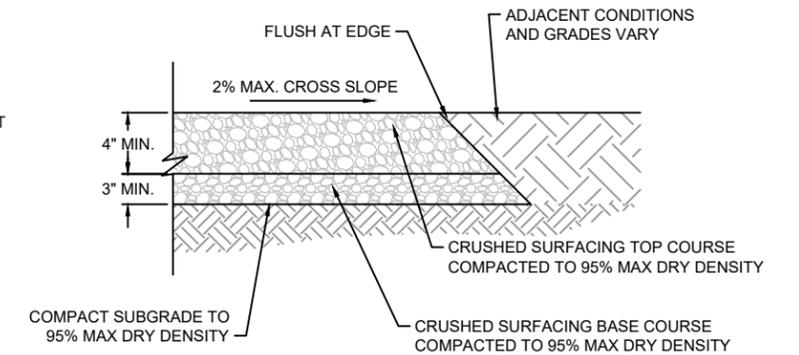
TYPICAL PAVING SECTION



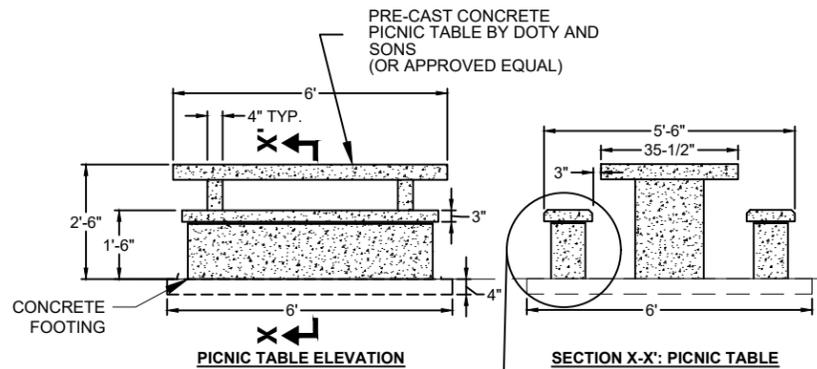
TYPICAL TOOL JOINT DETAIL



EXPANSION JOINT DETAIL

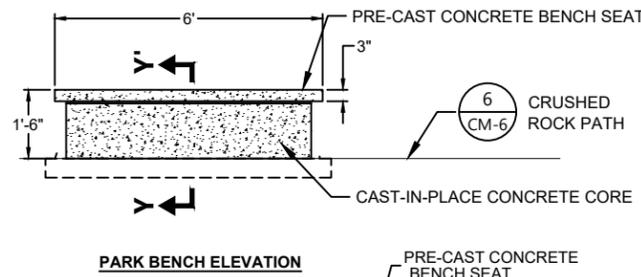


3 CRUSHED ROCK PATH
SCALE: NOT TO SCALE

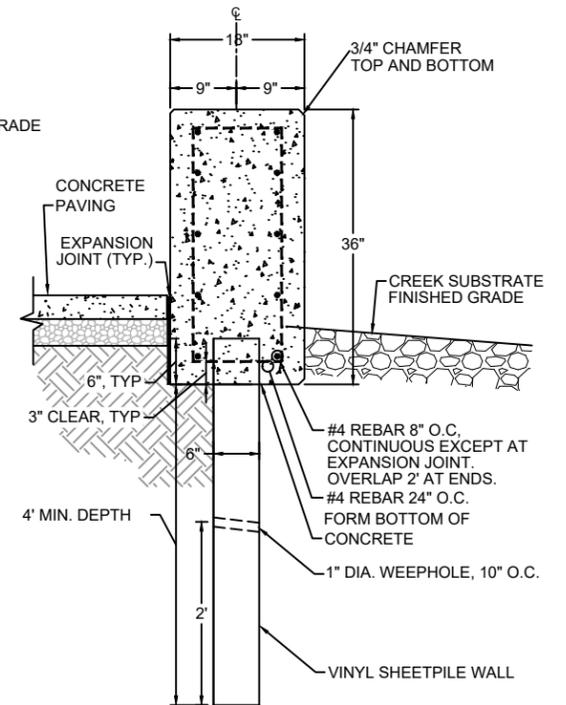
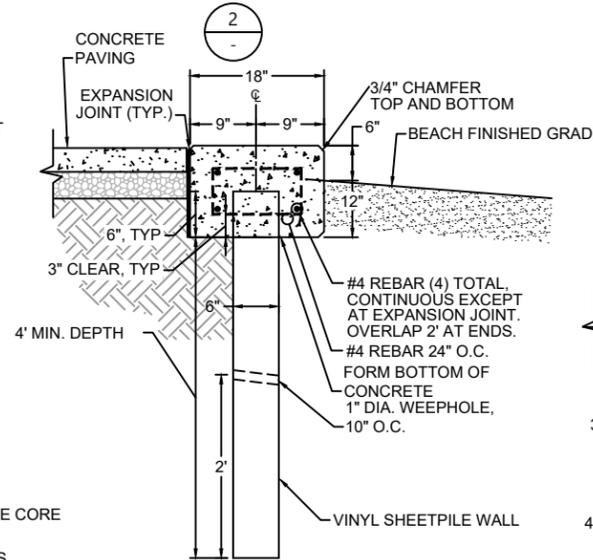


PICNIC TABLE ELEVATION

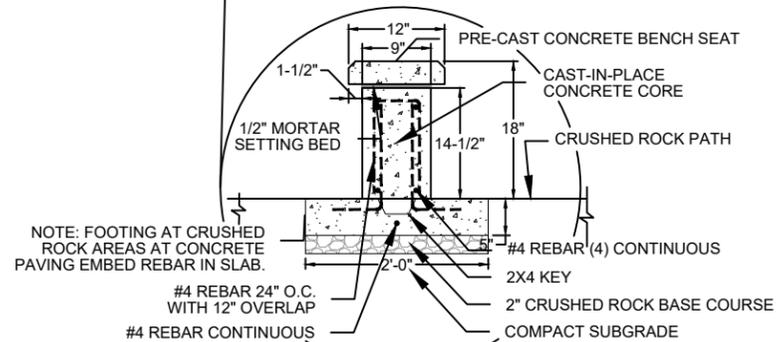
SECTION X-X': PICNIC TABLE



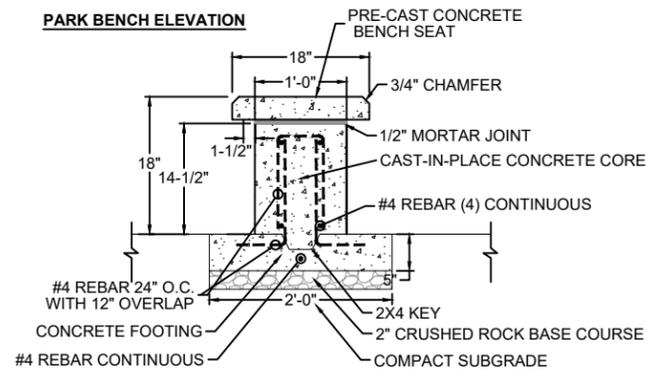
PARK BENCH ELEVATION



6 SHEETPILE WALL WITH CONCRETE CAP
SCALE: NOT TO SCALE



PICNIC TABLE BENCH BLOWUP DETAIL



SECTION Y-Y': PARK BENCH

4 PICNIC TABLE DETAIL
SCALE: NOT TO SCALE

5 BENCH DETAIL
SCALE: NOT TO SCALE

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

K:\Projects\0723-Snohomish County Meadowdale Park Construction Materials Plan.dwg CM-4
Feb 19, 2018 5:33pm bsewertsen



REVISIONS				
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CHECKED BY: BS
APPROVED BY: PH
SCALE: AS NOTED
DATE: FEBRUARY 2018

MEADOWDALE BEACH PARK
AND ESTUARY DESIGN
18-XXXXX LDA

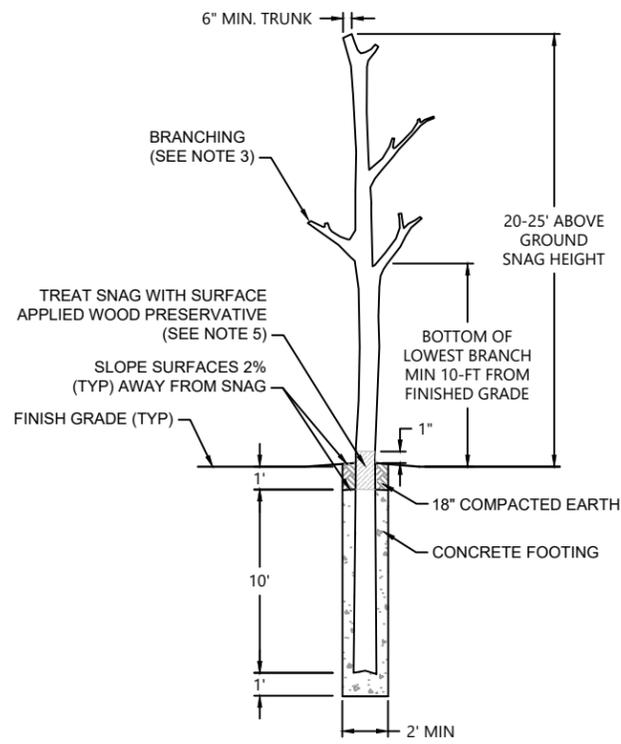
CONSTRUCTION MATERIAL DETAILS (1 OF 3)

CM-4

SHEET NO. 26 OF 50

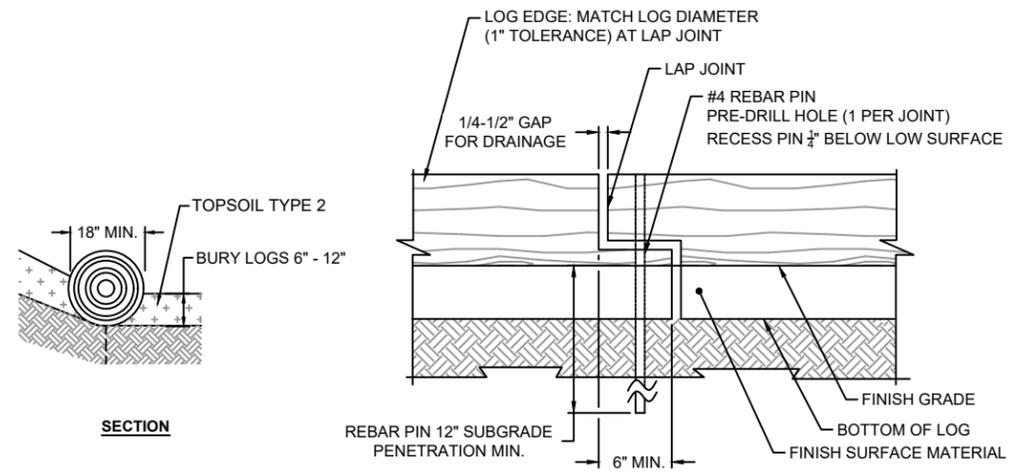
ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

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Feb 19, 2018 5:33pm bsewertsen



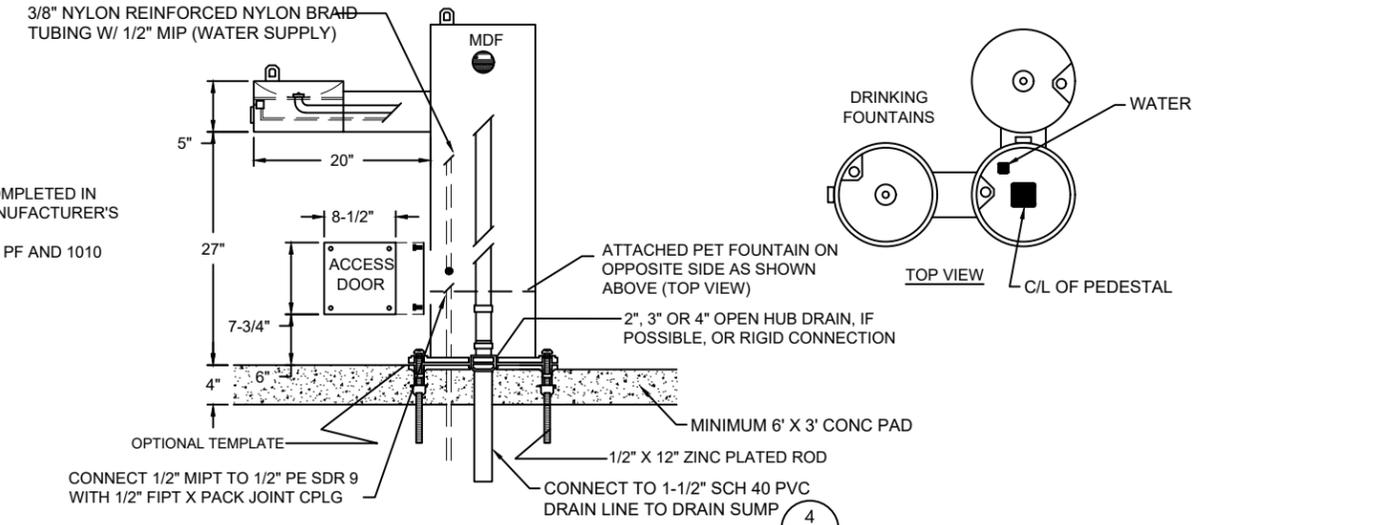
1 SNAG
SCALE: NOT TO SCALE

- NOTES:**
1. USE ON-SITE SALVAGED CONIFER TREES AS SNAGS. SELECTED TREES SHALL BE FIELD APPROVED BY ENGINEER.
 2. 12" - 14" DIAMETER SNAG (AT FG).
 3. BRANCHING SHALL BE FIELD APPROVED BY ENGINEER. 4" MIN BRANCH DIAMETER. 4' MINIMUM BRANCH LENGTH.
 4. REMOVE BARK PRIOR TO INSTALLATION.
 5. SEE SPECIFICATIONS FOR WOOD PRESERVATIVE.

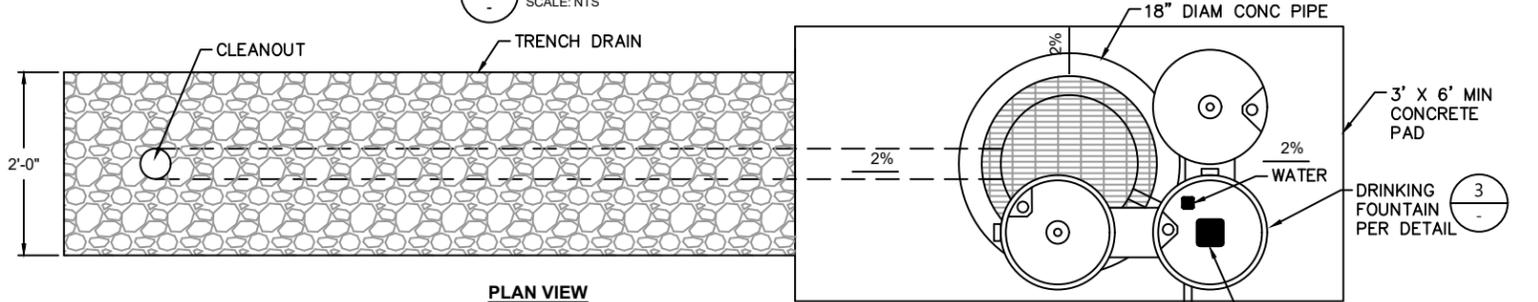


2 SWALE LOG EDGING DETAIL
SCALE: NOT TO SCALE

- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. SHOWN WITH OPTIONAL PF AND 1010 SURFACE CARRIER.



3 DRINKING FOUNTAIN
SCALE: NTS



4 DRINKING FOUNTAIN DRAIN
SCALE: NTS

- NOTES:**
1. LOCATION AND ORIENTATION OF DRAIN PIPE, TRENCH DRAIN AND DRINKING FOUNTAIN TO BE DETERMINED IN THE FIELD AND APPROVED BY THE CONTRACTOR'S REPRESENTATIVE.
 2. PROVIDE SHOP DRAWING OF GRATING FOR APPROVAL PRIOR TO INSTALLATION.

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REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
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 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: AS NOTED
 DATE: FEBRUARY 2018

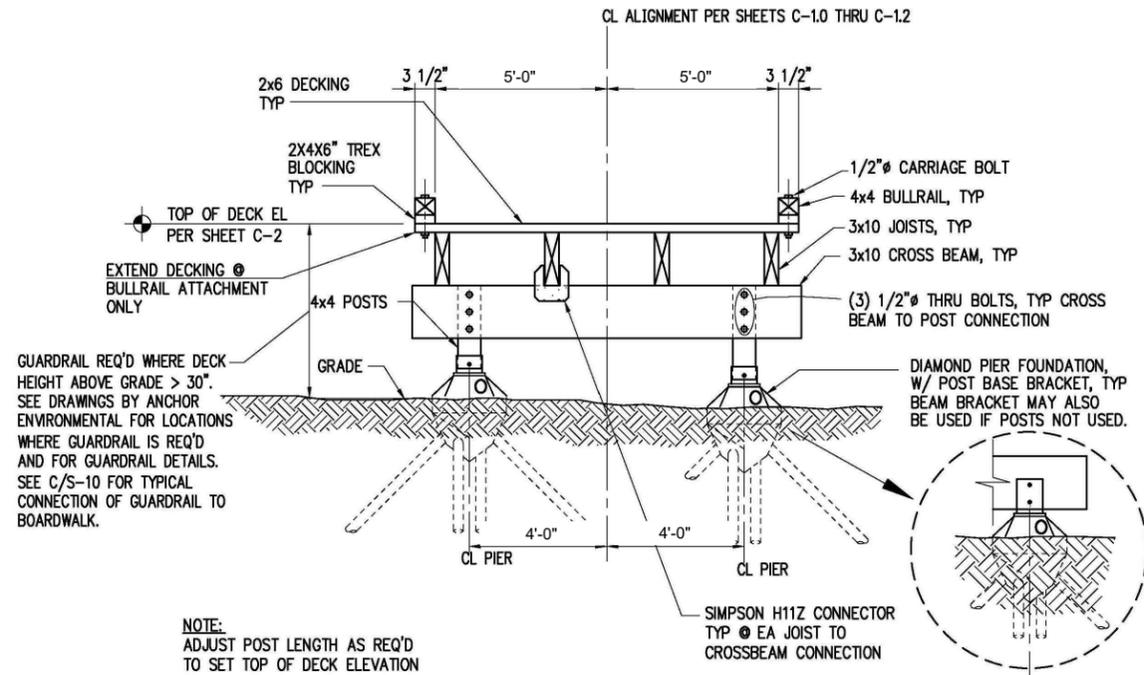
MEADOWDALE BEACH PARK AND ESTUARY DESIGN
 18-XXXXX LDA
CONSTRUCTION MATERIAL DETAILS (2 OF 3)

CM-5

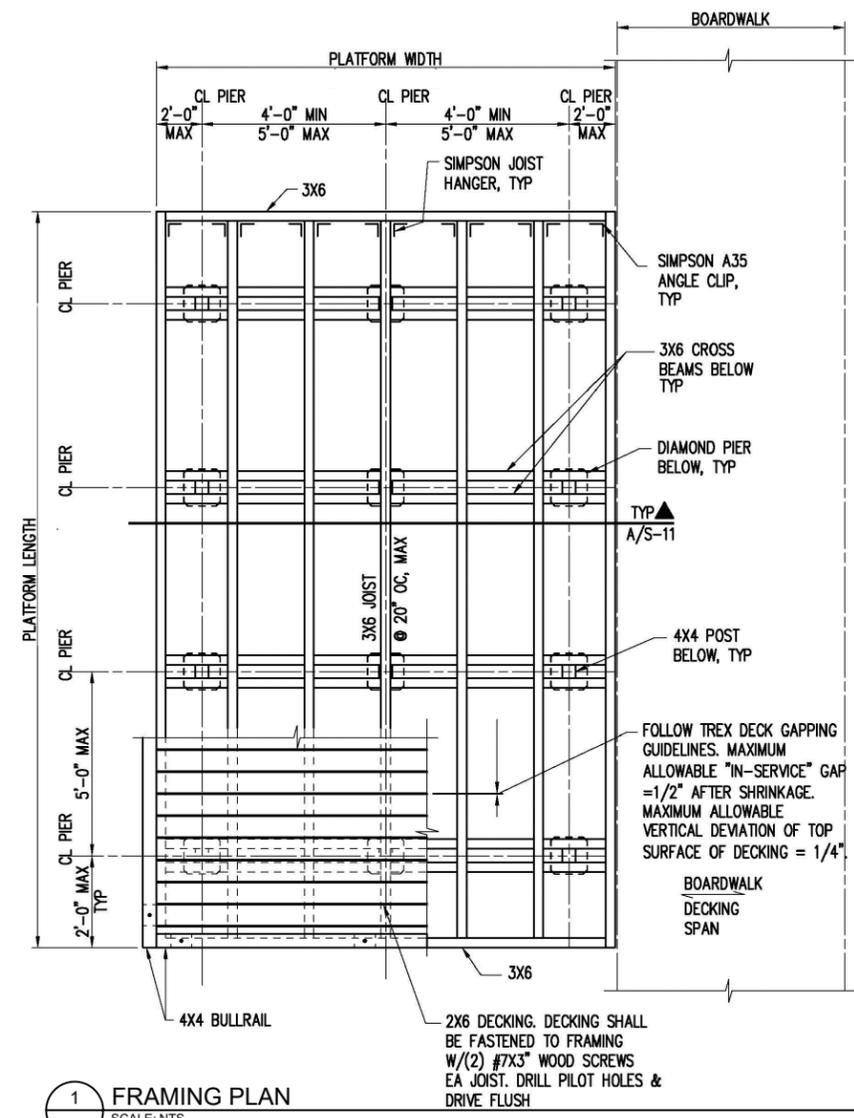
SHEET NO. 27 OF 50

ONE INCH AT FULL SIZE IF NOT ONE INCH SCALE ACCORDINGLY

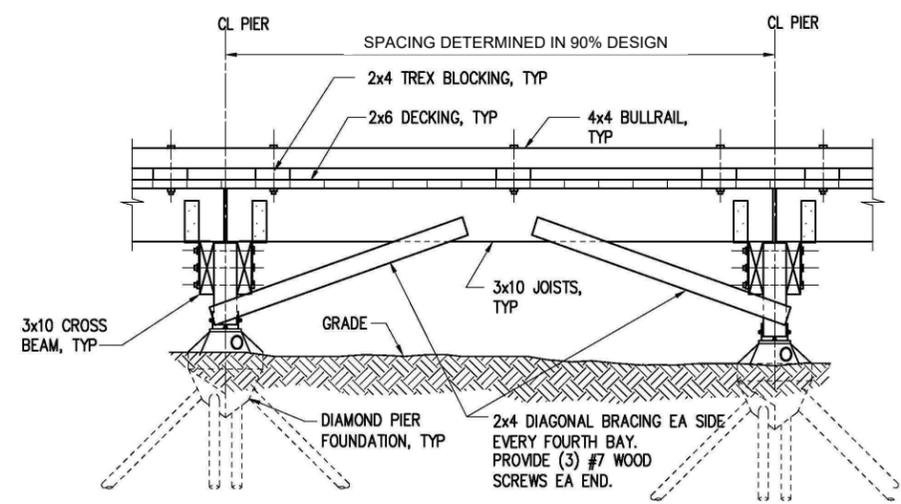
K:\Projects\0723-Snohomish County Meadowdale Park\Construction Plans\0723-PL-Construction Materials Plan.dwg, CM-6
Feb 19, 2018 5:33pm bsewertsen



A SECTION - FIELD BUILT, DIAMOND PIER SUPPORTED BOARDWALK
SCALE: NTS



1 FRAMING PLAN
SCALE: NTS



B ELEVATION - FIELD BUILT, DIAMOND PIER SUPPORTED BOARDWALK
SCALE: NTS

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: AS NOTED
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA
CONSTRUCTION MATERIAL DETAILS (3 OF 3)

CM-6

SHEET NO. 28 OF 50

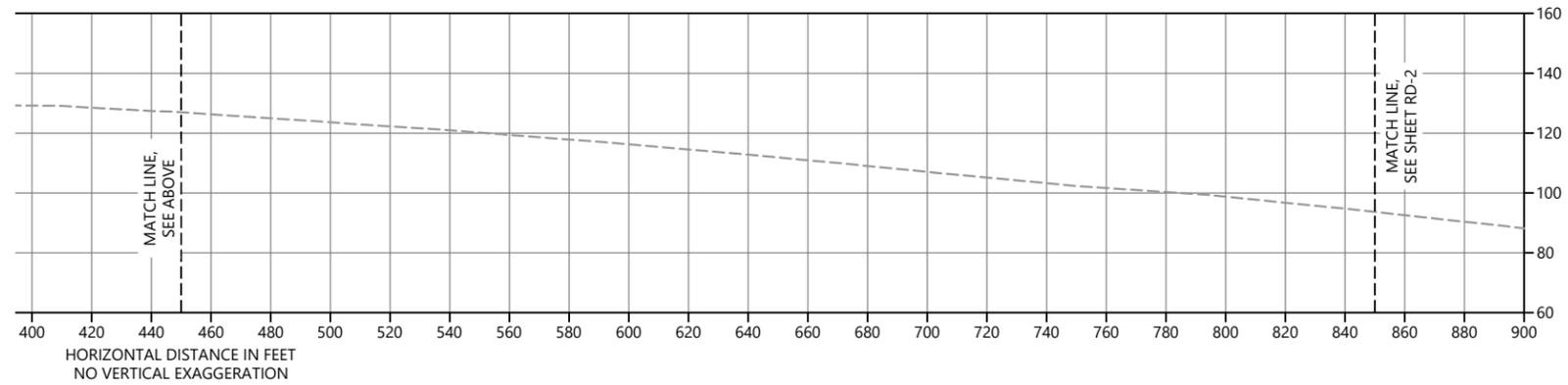
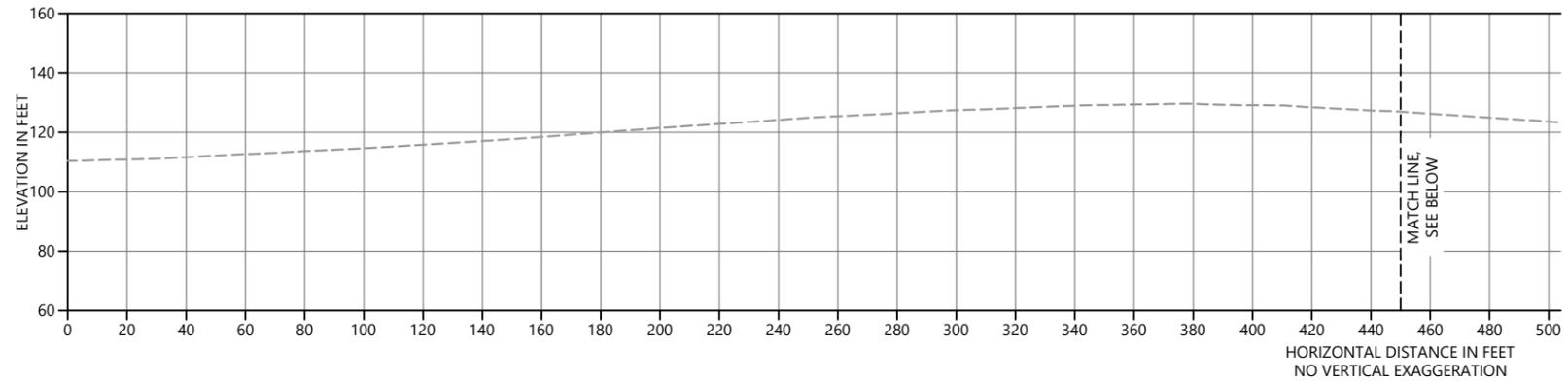
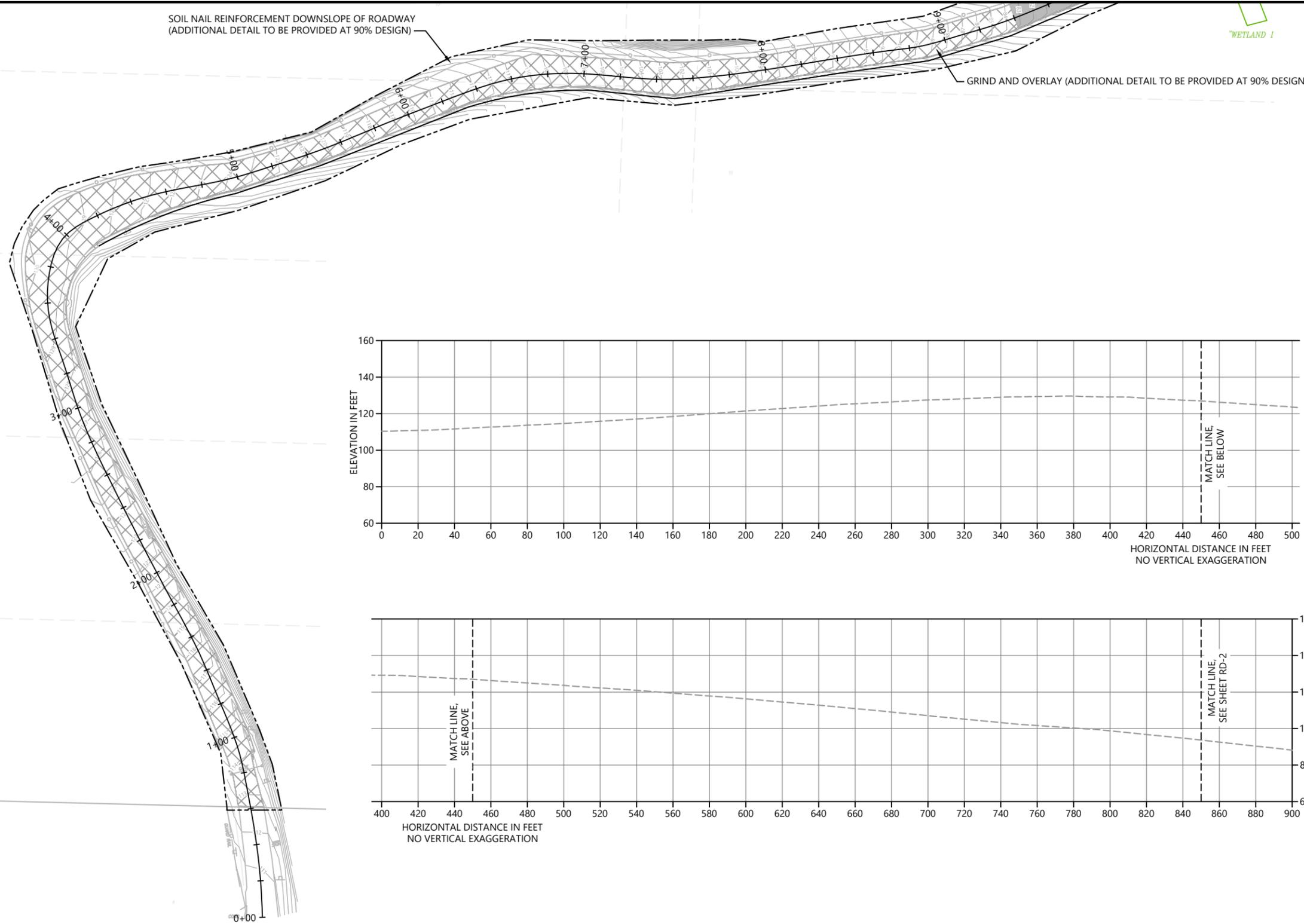
ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

Feb 19, 2018 5:34pm bsewertsen K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Road Planning RD-1

SOIL NAIL REINFORCEMENT DOWNSLOPE OF ROADWAY
(ADDITIONAL DETAIL TO BE PROVIDED AT 90% DESIGN)

GRIND AND OVERLAY (ADDITIONAL DETAIL TO BE PROVIDED AT 90% DESIGN)

WETLAND 1



- LEGEND:
- PROJECT BOUNDARY
 - EXISTING CONTOUR
 - EXISTING OHWM
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - ⊗ TREE TO REMAIN
 - ◻ EXISTING WETLAND TO BE PROTECTED
 - ▨ PAVEMENT TO BE REMOVED AND REPLACED
 - ▧ GRIND AND OVERLAY EXISTING PAVEMENT
- LEGEND, PROFILE
- - - EXISTING GRADE



NOTES:

1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
3. VERTICAL DATUM: NAVD 88

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH
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INCH SCALE ACCORDINGLY



REVISIONS				
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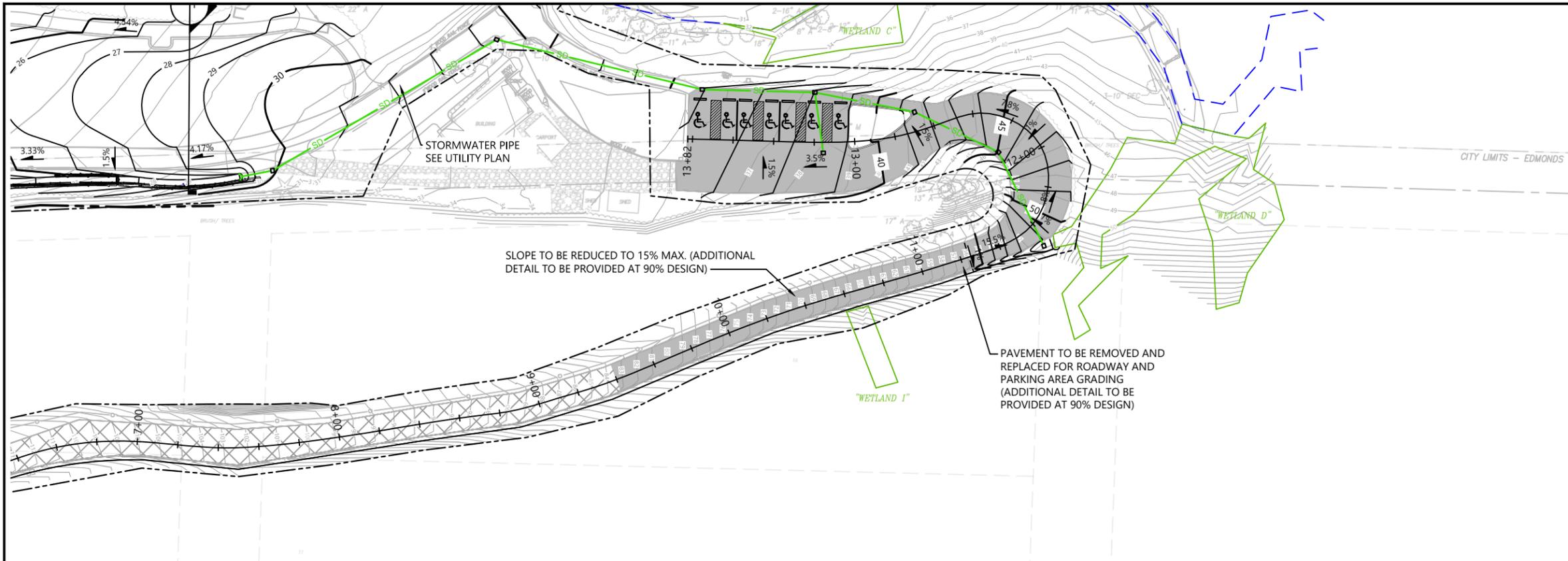
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 SCALE: AS NOTED
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

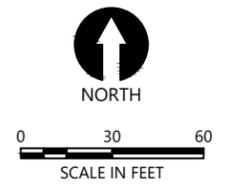
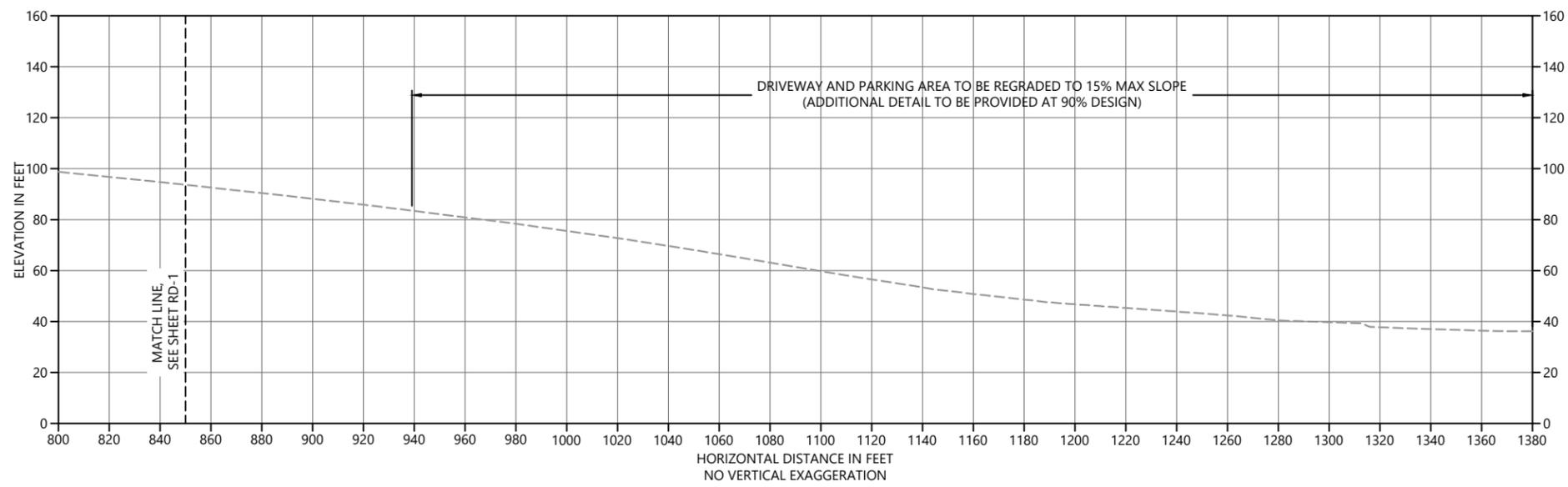
ROADWAY PLAN (1 OF 2)

RD-1

SHEET NO. 29 OF 50



- LEGEND:
- PROJECT BOUNDARY
 - EXISTING CONTOUR
 - EXISTING OHWM
 - 10 --- PROPOSED MAJOR CONTOUR
 - 11 --- PROPOSED MINOR CONTOUR
 - ⊗ TREE TO REMAIN
 - ▭ EXISTING WETLAND TO BE PROTECTED
 - ▨ PAVEMENT TO BE REMOVED AND REPLACED
 - ▧ GRIND AND OVERLAY EXISTING PAVEMENT
- LEGEND, PROFILE
- EXISTING GRADE



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
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REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: AS NOTED
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

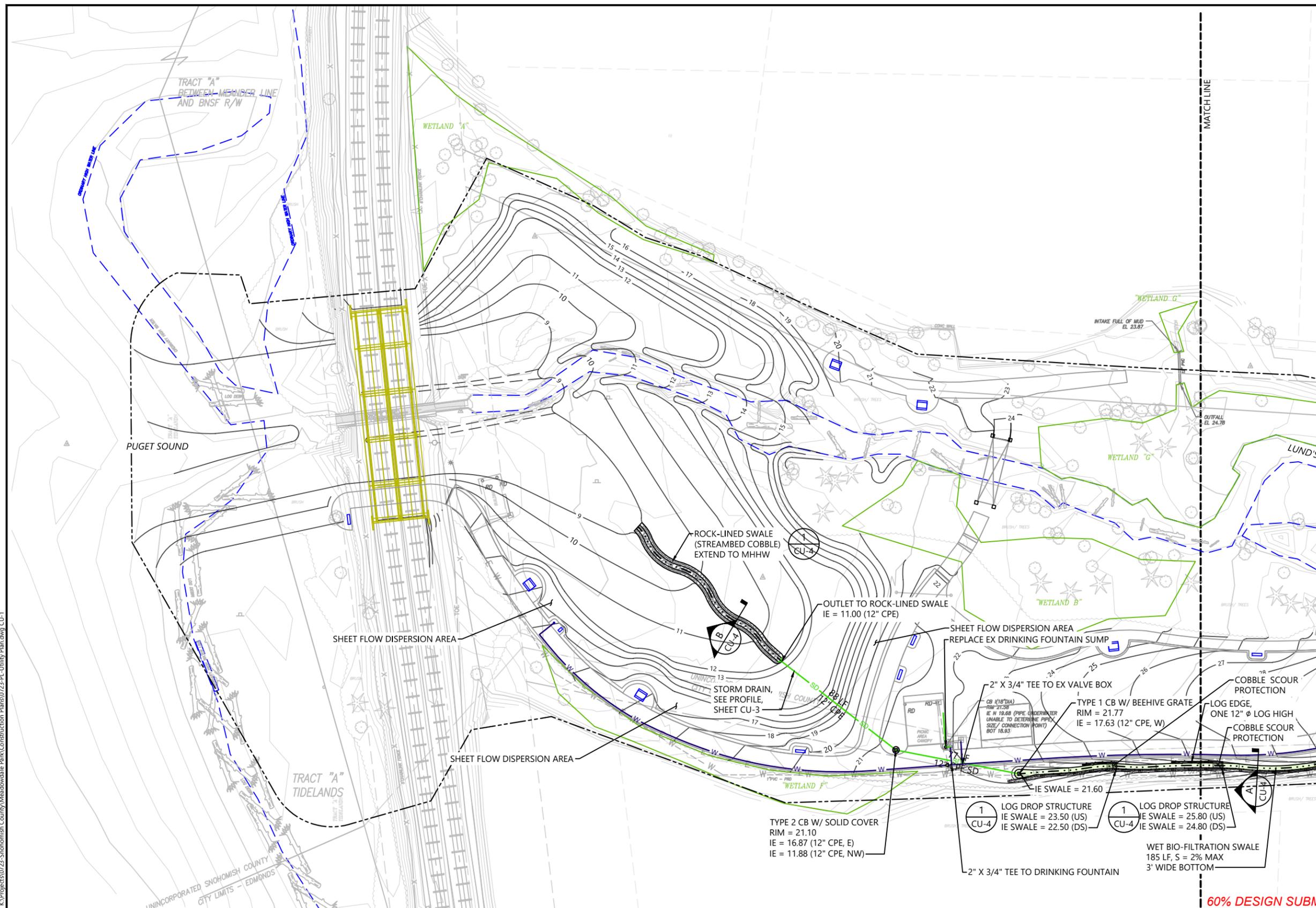
ROADWAY PLAN (2 OF 2)

RD-2

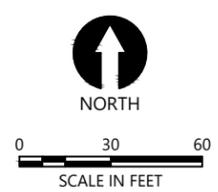
SHEET NO. 30 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Utility Plan.dwg, CU-1
 Feb 19, 2018 5:35pm bsewertsen



- LEGEND:**
- PROJECT BOUNDARY
 - W WATER PIPE
 - SD STORMWATER PIPE
 - SWALE
 - ▣ CATCH BASIN
 - DRINKING FOUNTAIN
 - WETLAND TO BE PROTECTED
 - ⊗ TREE TO REMAIN
 - SD UNDERGROUND STORM LINE
 - SS UNDERGROUND SEWER GRAVITY LINE
 - FM UNDERGROUND SEWER FORCEMAIN LINE
 - W UNDERGROUND WATER LINE
 - E UNDERGROUND POWER LINE
 - T UNDERGROUND TELEPHONE LINE



- NOTES:**
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
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 INCH SCALE ACCORDINGLY

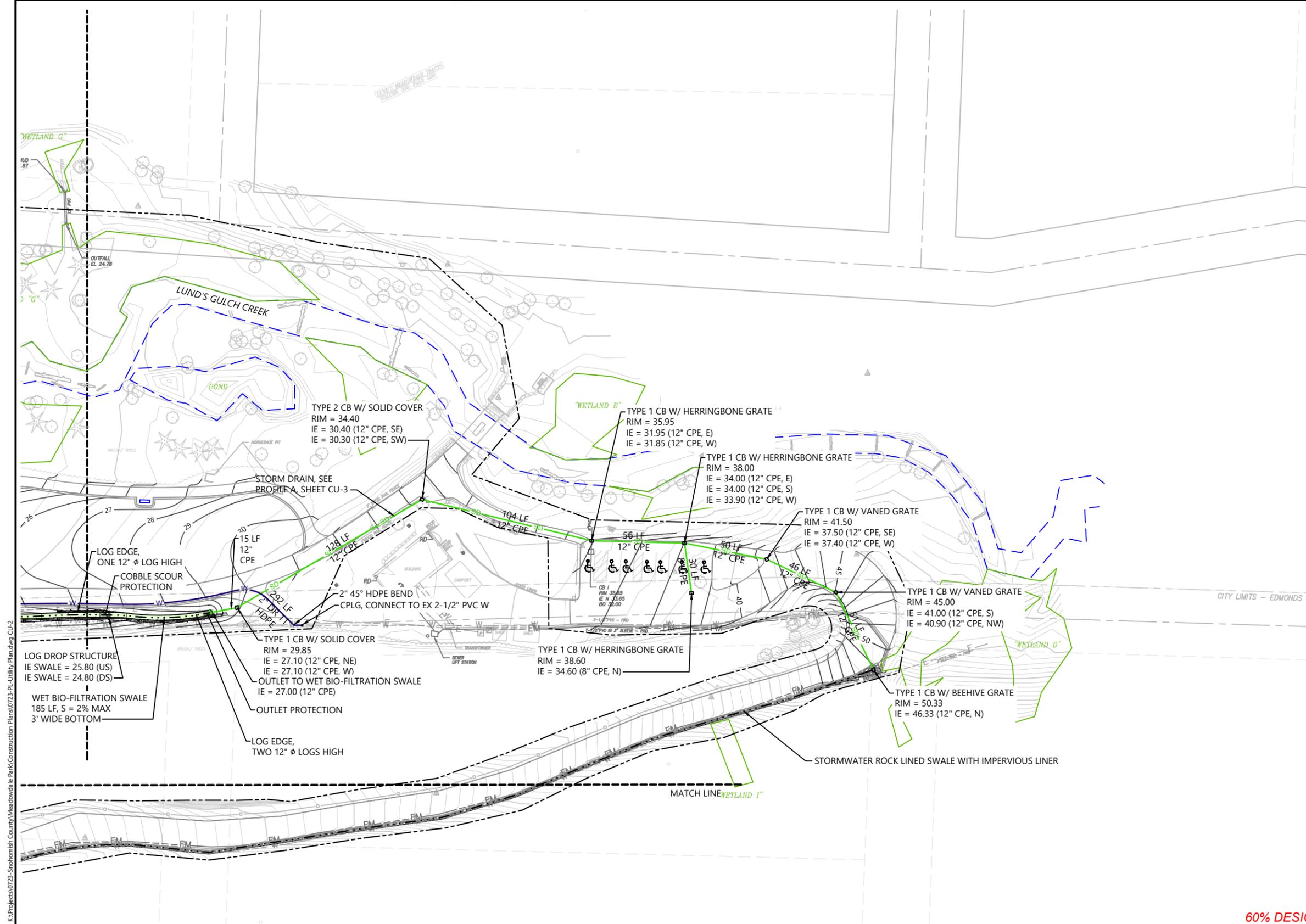


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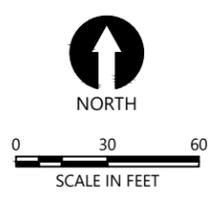
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 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA
UTILITY PLAN (1 OF 2)

CU-1
 SHEET NO. 31 OF 50



- LEGEND:
- PROJECT BOUNDARY
 - W WATER PIPE
 - SD STORMWATER PIPE
 - SWALE
 - ▣ CATCH BASIN
 - DRINKING FOUNTAIN
 - ▭ WETLAND TO BE PROTECTED
 - ⊗ TREE TO REMAIN
 - SD UNDERGROUND STORM LINE
 - SS UNDERGROUND SEWER GRAVITY LINE
 - FM UNDERGROUND SEWER FORCEMAIN LINE
 - W UNDERGROUND WATER LINE
 - E UNDERGROUND POWER LINE
 - T UNDERGROUND TELEPHONE LINE



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
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Feb 19, 2018 5:35pm bsewertsen



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

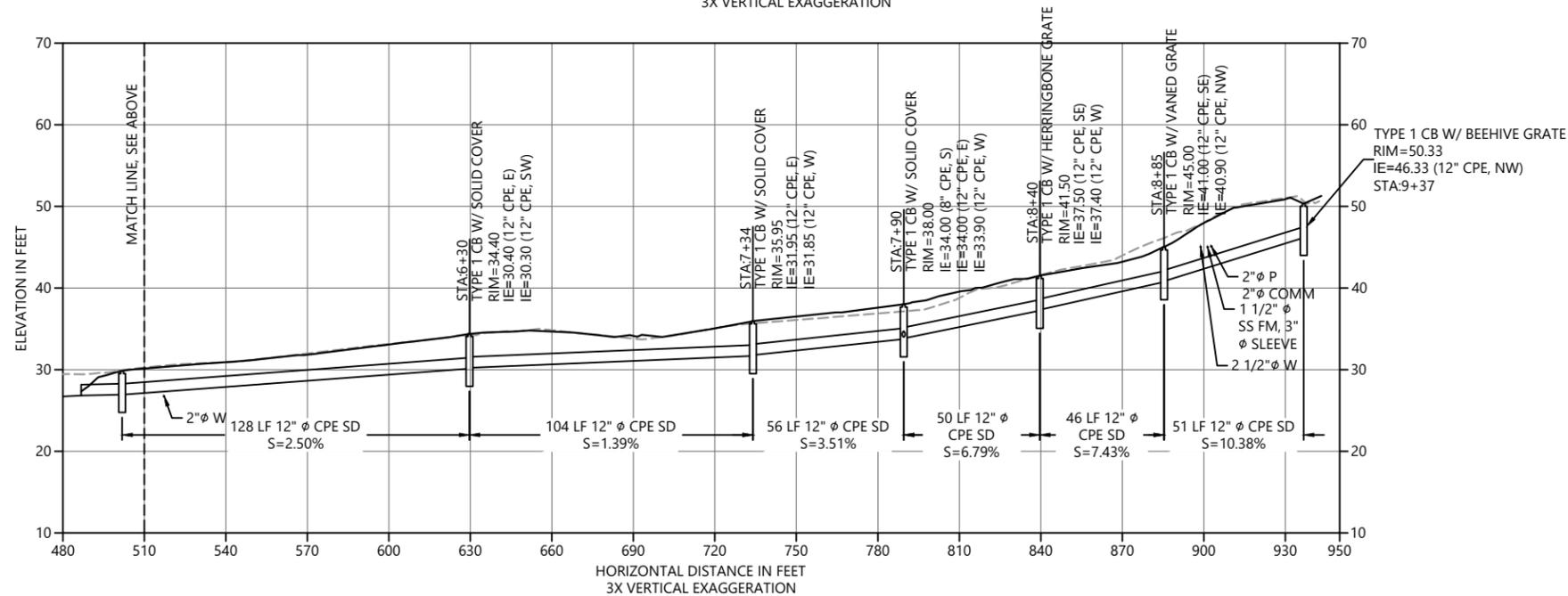
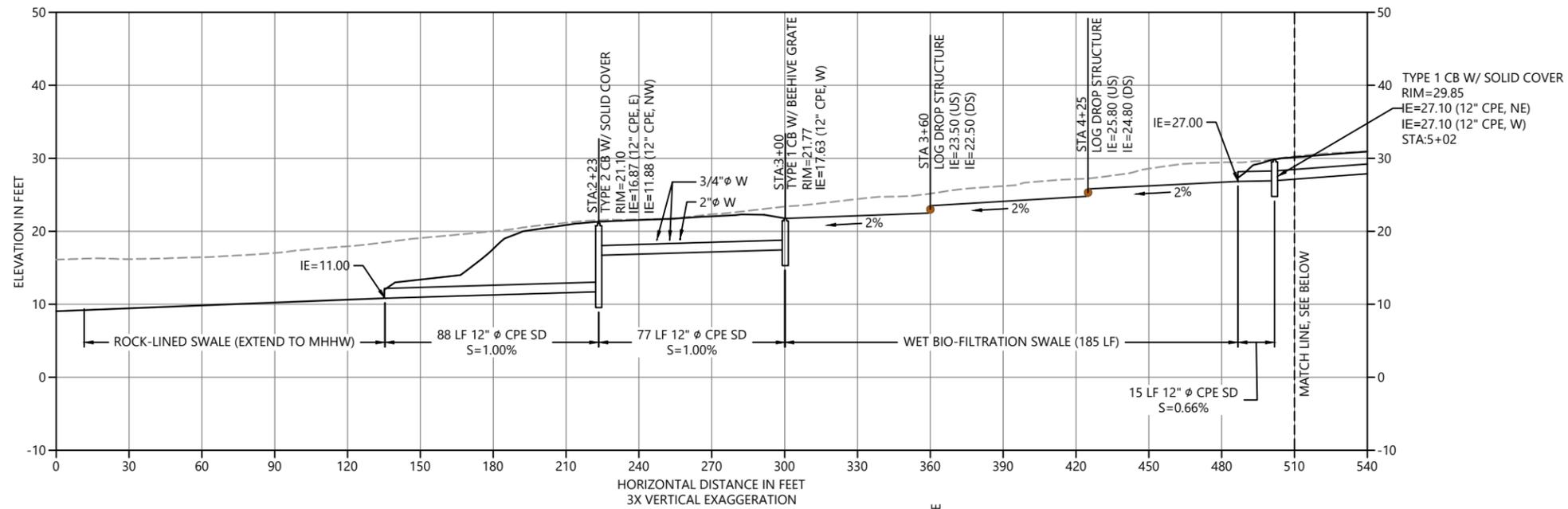
UTILITY PLAN (2 OF 2)

CU-2

SHEET NO. 32 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0723_Snohomish County Meadowdale Park Construction Plans\0723-PL-Utility Plan.dwg CU-3
 Feb 19, 2018 5:35pm bsewertsen



STORM DRAIN PROFILE
 CU-1/CU-2
 HORIZ. SCALE: 1" = 30'
 VERT. SCALE: 1" = 10'



- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88

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 INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

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 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: AS NOTED
 DATE: FEBRUARY 2018

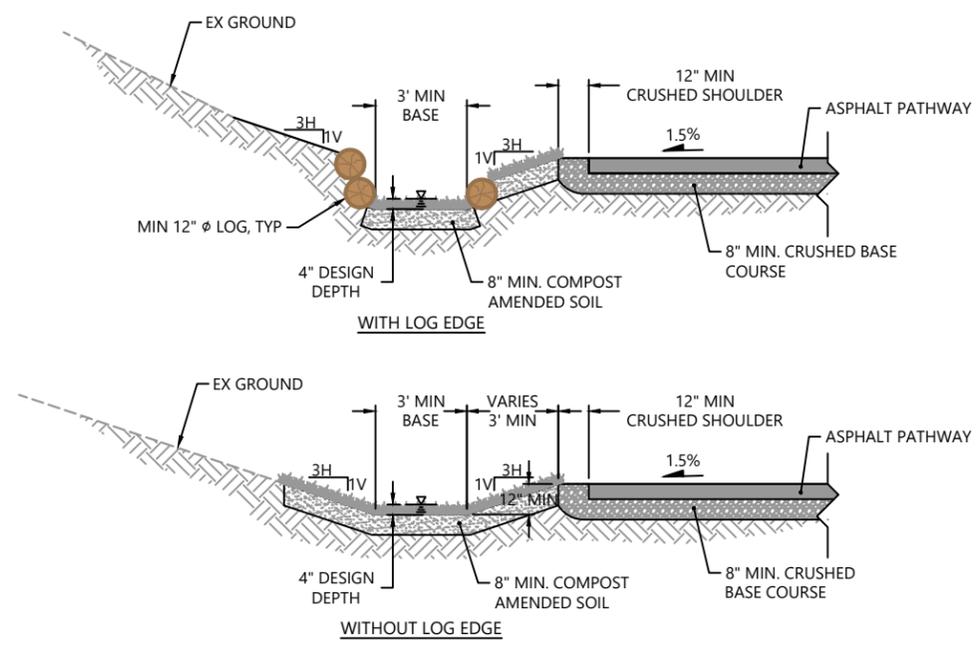
MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN
 18-XXXXX LDA

STORM DRAIN PROFILE

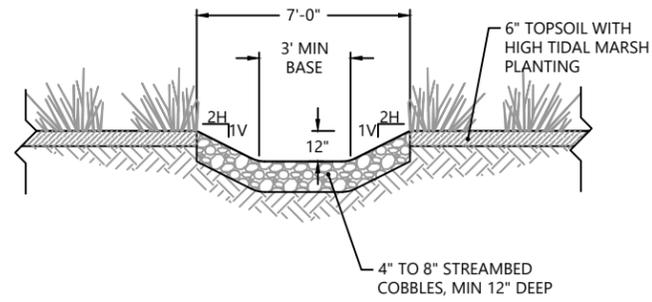
CU-3

SHEET NO. 33 OF 50

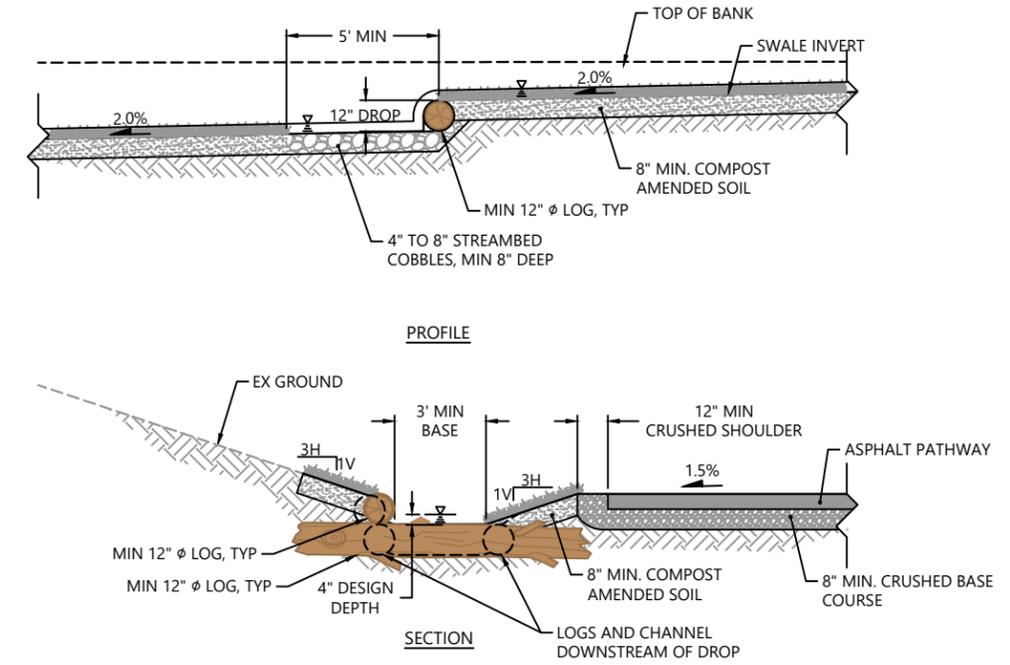
K:\Projects\0723_Snohomish County Meadowdale Park Construction Plans\0723-PL-Utility Plan.dwg, CU-4
Feb 19, 2018 5:35pm bsevertsen



A TYPICAL WET BIO-FILTRATION SWALE SECTION
C-12 SCALE: 1" = 3'



B TYPICAL OUTFALL SWALE SECTION
C-12 SCALE: 1" = 3'



1 BIO-FILTRATION SWALE - LOG DROP DETAIL
C-12 SCALE: 1" = 3'

- NOTES:
1. SURVEY PROVIDED BY DHA, DATED JUNE 2017
 2. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 3. VERTICAL DATUM: NAVD 88

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**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

DRAINAGE DETAILS

CU-4

SHEET NO. 34 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

GENERAL NOTES

- ALL WORK SHALL BE IN CONFORMANCE WITH APPLICABLE CODES AND LOCAL BUILDING REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE 2015 EDITION OF THE IBC AND THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE AS ADOPTED BY WA STATE.
- ALL APPLICABLE CODES, ORDINANCES AND MINIMUM STRUCTURAL REQUIREMENTS TAKE PRECEDENCE OVER DRAWINGS AND NOTES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS BEFORE COMMENCING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT PRIOR TO STARTING ANY CONSTRUCTION OF THE AREA CONCERNED. DO NOT SCALE DRAWINGS
- DIMENSIONS ARE TO FACE OF FRAMING OR CONCRETE U.O.N.
- PARTITIONS AND WALLS NOT OTHERWISE DIMENSIONED SHALL BE LOCATED FLUSH WITH REFERENCE TO ADJACENT WALL FACE.
- WHERE ON ANY OF THE DRAWINGS OR DETAILS, A PORTION OF THE WORK IS SHOWN AND/OR DETAILED, AND THE REMAINDER IS INDICATED IN OUTLINE, THE PARTS SHOWN AND/OR DETAILED SHALL APPLY TO ALL OTHER LIKE PORTIONS OF THE WORK.
- PRIOR TO AND DURING THE WORK, CONTRACTOR SHALL VERIFY CONDITIONS; ANY CONDITIONS INCONSISTENT OR PROBLEMATIC WITH REGARD TO THE INTENT OF THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ARCHITECT PRIOR TO STARTING OR CONTINUING WORK IN THE AREA CONCERNED.
- PROVIDE SUFFICIENT STRUCTURE IN WALLS FOR SUPPORTING COUNTERS, CABINETS, ACCESSORIES, ETC., AS REQUIRED.
- COORDINATE AND PROVIDE REQUIRED PENETRATIONS (AND PATCHING OF EXISTING TO MATCH) WITH INDIVIDUAL SUBCONTRACTORS TO SUIT NEW WORK.
- VERTICAL DIMENSIONS ARE TYPICALLY REFERENCED FROM STRUCTURAL SLAB U.N.O.
- AT FIRE RATED WALLS OR CEILING ASSEMBLIES WHERE PENETRATIONS FOR MECH., ELECT., OR PLUMBING OCCUR, PROVIDE APPROVED THRU PENETRATION FIRE STOP ASSEMBLIES. MAINTAIN REQUIRED RATING OF ASSEMBLIES.
- CONTRACTOR TO ASSUME ALL MATERIALS AS NEW UNLESS NOTED AS "EXISTING".
- PRESSURE TREAT ALL WOOD IN CONTACT WITH CONCRETE.
- FLASH OPENINGS WITH MIN. 26 GA. STAINLESS STEEL TO ACCEPTABLE INDUSTRY STANDARDS. ALL FLASHING LAP SEAMS TO BE 12" MIN. W/ 2 BEADS OF SEALANT.
- GLASS WITHIN 18" OF FLOOR AND ADJACENT TO DOORS AND AT HAZARDOUS LOCATIONS SHALL COMPLY WITH IBC IMPACT LOAD REQUIREMENTS, SECTION 5406, AND STANDARD 54-1.
- CONTRACTOR TO PROVIDE & INSTALL SMOKE DETECTORS. VERIFY LOCATION W/OWNER AND ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UTILITIES THROUGHOUT SITE PRIOR TO EXCAVATION.

- BACKPRIME ALL EXTERIOR WOOD TRIM MATERIAL WHERE PAINTED, SEALER WHERE NOT PAINTED (ALL SIDES, EDGES AND CUT ENDS) PER WWPA AND WRCLA GUIDELINES.
- VAPOR RETARDER PRIMER TO BE UTILIZED AT INTERIOR DRYWALL @ ALL EXTERIOR WALLS AND ROOF.
- AT ALL DOORS AND WINDOWS: FULL ROUGH OPENING WRAP INCLUDING SILL PAN FLASHING U.N.O. SUBSILL FLASHING WO WRAP OVER ROUGH SILL AND 4-6" MIN. UP SIDE JAMBS. WATER BARRIER MEMBRANE AT ALL OPENINGS. CLOSED CELL BACKER ROD AND SEALANT AT AIR SEALS AROUND ALL WINDOWS.
- WEATHER RESISTIVE BARRIER TO HAVE OVERLAP AS DIRECTED BY MFG.
- WEATHER RESISTIVE BARRIER TO BE INSTALLED OVER TOP PLATE PRIOR TO SETTING OF RAFTERS OR ROOF TRUSSES, S.S. FASTENERS WHEN IN CONTACT WITH PT WOOD.
- STAINLESS STEEL NAILS OR FASTENERS TO USED AT ALL APPLICATIONS WHERE NAILS OR FASTENERS ARE EXPOSED TO EXTERIOR.
- SUBSILL FLASHING AT ALL DOORS EXPOSED TO WEATHER, SEE NOTE #20 FOR OPENING WRAP.
- CONTRACTOR TO ENSURE ADEQUATE INSULATION COVERAGE OVER RECESSED LIGHTING FIXTURES.
- ALL RECESSED LIGHTS, SPRINKLER HEADS ETC. TO BE SEALED WITH CAULK OR GASKETS; SERVICE PENETRATIONS AT TOP WALL PLATES AND VERTICAL CHASES TO BE SEALED TO PREVENT AIR LEAKAGE.

SCOPE OF WORK

CONSTRUCTION OF NEW COVERED AREA FOR PORTABLE RESTROOMS.

CODE COMPLIANCE

- 2015 INTERNATIONAL BUILDING CODE (IBC) W/ WA STATE AMENDMENTS
- ICC A117.1-2009 ACCESSIBLE AND USABLE BUILDING FACILITIES
- 2015 WASHINGTON STATE ENERGY CODE (WSEC) (2015 INTERNATIONAL ENERGY CONSERVATION CODE W/ WA STATE AMENDMENTS)
- 2015 INTERNATIONAL FIRE CODE (IFC)
- 2015 NATIONAL ELECTRICAL CODE (NEC)
- 2015 INTERNATIONAL MECHANICAL CODE (IMC)
- 2015 UNIFORM PLUMBING CODE (UPC)

FIRE RESISTANCE RATING

STRUCTURAL FRAME	NON-RATED
BEARING WALLS, EXT.	NON-RATED
BEARING WALLS, INT.	NON-RATED
NONBEARING WALLS, EXT.	NON-RATED
NONBEARING WALLS, INT.	NON-RATED
FLOOR CONSTRUCTION	NON-RATED
ROOF CONSTRUCTION	NON-RATED

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ONE INCH
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AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

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SALT STUDIO

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: SALT STUDIO
 DRAWN BY: LH
 CHECKED BY: LH
 APPROVED BY: LH
 SCALE: AS NOTED
 DATE: 02/07/18

MEADOWDALE 60% SUBMITTAL

ARCHITECTURE GENERAL INFORMATION

A-1.0

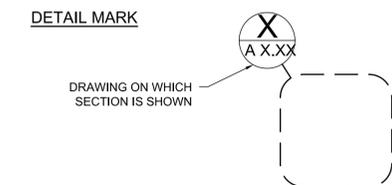
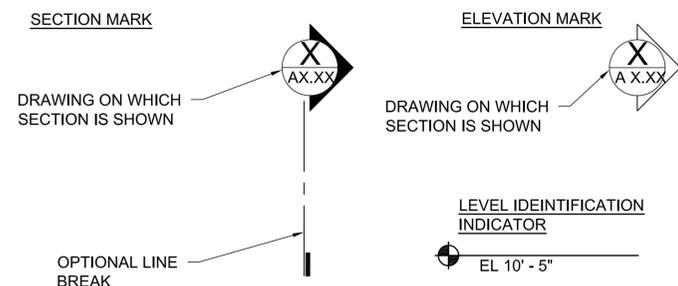
SHEET NO. 35 OF 50

SYMBOLS

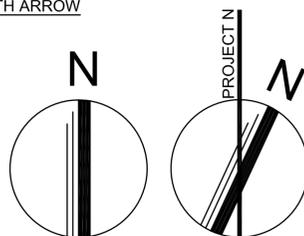
	GRIDLINE MARK
	DOOR IDENTIFICATION MARK
	WALL TYPE MARK
	FLOOR/CEILING & ROOF ASSEMBLY TYPE MARK
	WINDOW TAG
	KEY NOTE
	FIRE EXTINGUISHER CABINET
	FIRE EXTINGUISHER ON HANGERS OR BRACKETS
	DOWN SPOUT
	REVISION CLOUD
	REVISION DELTA
	BARRIER FREE SYMBOL
	WATER HEATER W/ OVERFLOW PAN
	ILLUMINATED EXIT SIGN W/ BATTERY BACK-UP
	EMERGENCY LIGHTING W/ BATTERY BACK-UP
	HOSE BIB
	EXHAUST FAN
	FAN TERMINATION
	PASSIVE ROOF VENTILATOR
	DECK OR ROOF DRAIN
	ROOF DRAIN W/ OVERFLOW DRAIN
	SCUPPER
	CENTER LINE
	PROPERTY LINE
	HIDDEN OR EXISTING CONSTRUCTION
	BREAK LINE
	FLOORING TRANSITION
	RAMP ARROW WITH PERCENT SLOPE
	DECK OR ROOF SLOPE
	OR

REFERENCING

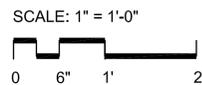
SECTIONS ARE CROSS REFERENCED IN THE FOLLOWING MANNER:



NORTH ARROW



GRAPHIC SCALE



DIMENSIONING STANDARDS

- DO NOT SCALE DRAWINGS FOR DIMENSIONS. DIMENSIONS ARE INDICATED IN THE DOCUMENTS.
- ALL INTERIOR PARTITIONS ARE DIMENSIONED TO THE FACE OF WALL UNLESS NOTED OTHERWISE.
- THE TERM "EQUAL" OR "EQ" IS USED IN LIEU OF ACTUAL DIMENSIONS WHERE EQUAL SPACING OF ELEMENTS IS REQUIRED.
- THE TERM "CLEAR" OR "CLR" IS USED TO DENOTE A MINIMUM DIMENSIONAL REQUIREMENT, HOWEVER, THE DIMENSION COULD BE LARGER.
- WALLS CENTERED ON A COLUMN OR GRIDLINE WILL NOT BE DIMENSIONED ON PLANS BUT WILL BE DRAWN AS INDICATED BELOW.
- WALLS WITH A FINISHED FACE FLUSH WITH THE FACE OF A COLUMN OR COREWALL WILL NOT BE DIMENSIONED ON PLANS BUT WILL BE DRAWN AS INDICATED BELOW.
- DIMENSIONS AT WINDOW WALL ARE TO CENTER OF MULLION, TO FACE OF MULLION AT CORNER CONDITIONS, AND TO ROUGH OPENING AT HEAD AND JAM CONDITIONS, UNLESS NOTED OTHERWISE.
- DOORS AND OPENINGS IN WALLS
 - DOORS OR OPENINGS LOCATED ADJACENT TO A RIGHT ANGLE WALL ARE TO BE INSTALLED 4" FROM ADJACENT WALL. THIS CONDITION IS TYPICAL AND WILL NOT BE DIMENSIONED.
 - DOORS NOT LOCATED ADJACENT TO A RIGHT ANGLE WALL WILL BE DIMENSIONED TO THE CENTER OF DOOR FRAME OPENING, U.O.N.
 - OPENINGS NOT LOCATED ADJACENT TO A RIGHT ANGLE WALL WILL BE DIMENSIONED TO THE JAMB OF THE OPENING AND THE OPENING WILL BE DIMENSIONED.
- ALL HEIGHTS ARE DIMENSIONED FROM THE TOP OF THE STRUCTURAL (T.O.S.S.) SLAB UNLESS NOTED OTHERWISE.

MATERIALS

	EARTH SURFACE
	SAND / GROUT
	CONCRETE
	WOOD OR METAL STUD WALLS
	GYPSON BOARD
	CONT. WOOD FRAMING
	WOOD BLOCKING
	FINISHED WOOD
	PLYWOOD
	BATT INSULATION
	RIGID INSULATION BOARD
	BRICK
	CONCRETE UNIT MASONRY
	STEEL
	GLASS
	RESILIENT TILES

ABBREVIATIONS

AB	ANCHOR BOLT	FRC	FIBER REINFORCED CONCRETE	PRV	POWER ROOF VENT
A/C	AIR CONDITIONING	FSB	FOOD STORAGE BUILDING	PSF	LBS PER SQUARE FOOT
ACT	ACOUSTICAL CEILING TILE	FT	FEET	PTD	PAPER TOWEL DISPENSER
ADJC	ADJUSTABLE	FTG	FOOTING	QT	QUARRY TILE
AFF	ABOVE FINISH FLOOR	FTR	FINNED TUBE RADIATION	R	RADIUS, RISER
AHU	AIR HANDLING UNIT	FURN	FURNITURE, FURNACE	RAD	RADIATOR
ALUM	ALUMINUM	GA	GAGE	RC	REINFORCED CONCRETE
APT	APARTMENT	GALV	GALVANIZED	RCP	REINFORCED CONCRETE PIPE
BD	BOARD	GI	GALVANIZED IRON	RD	ROOF DRAIN
BFE	BOTTOM FOOTING ELEVATION	GC	GENERAL CONTRACTOR	RECPT	RECEPTACLE
BITUM	BITUMINOUS	GL	GLASS, GLAZING	REINF	REINFORCED
BLDG	BUILDING	GND	GROUND	RET	RETAINING
BLK	BLOCK	GR	GRADE	RHMS	ROUND HEAD MACHINE
BLKG	BLOCKING MACHINE	GRL	GRILLE	RHWS	ROUND HEAD WOOD
BM	BEAM	GRV	GRAVITY ROOF VENT	RM	ROOM
BOT	BOTTOM	GWB	GYPSON WALL BOARD	RO	ROUGH OPENING
BRG	BEARING	GWT	GLAZED WALL TILE	RWL	RAINWATER LEADER
BUR	BUILT-UP ROOFING	GYP	GYPSON	SD	SOAP DISPENSER
CAB	CABINET	HORIZ	HORIZONTAL	SECT	SECTION
CPT	CARPET	HC	HANDICAPPED	SFT	STRUCTURAL FACING TILE
CH BD	CHALKBOARD	HDR	HEADER	SHR	SHOWER
CEM	CEMENT	HDWD	HARDWOOD	SHT	SHEET
CHAN	CHANNEL	HHMS	HEX HEAD MACHINE SCREW	SIM	SIMILAR
CJ	CONSTRUCTION JOINT	HM	HOLLOW METAL	SMS	SHEET METAL SCREW
CL	CENTER LINE	H PT	HIGH POINT	SND	SAN. NAPKIN DISPENSER
CL	CLOSET	HNDRL	HANDRAIL	SNR	SANITARY NAPKIN RECEPTACLE
CLG	CEILING	HGT	HEIGHT	SP	SPACE
CMU	CONCRETE MASONRY UNIT	HR	HOUR	SPEC	SPECIFICATION
CMT	CERAMIC MOSAIC TILE	HVAC	HEATING, VENTILATION & AIR CONDITIONING	SPKLR	SPRINKLER
CO	CLEAN OUT	ID	INSIDE DIAMETER	SQ	SQUARE
COL	COLUMN	IF	INSIDE FACE	SS	SANITARY SEWER
COMP	COMPRESSION, COMPACTED	IN	INCH	S SK	SERVICE SINK
CONC	CONCRETE	INSUL	INSULATION	SST	STAINLESS STEEL
CONT	CONTINUOUS	INT	INTERIOR	STD	STANDARD
CONTR	CONTRACTOR	INV	INVERT	STL	STEEL
CONV.	CONVECTOR	JAN	JANITOR	STRUC	STRUCTURAL
CORR	CORRIDOR	JST	JOIST SND	SUSP	SUSPENDED
DBL	DOUBLE	JT	JOINT SND	T	TOP, TILE, TREAD
DET	DETAIL	LAM	LAMINATED	TEMP	TEMPORARY
DF	DRINKING FOUNTAIN	LAV	LAVATORY	TERR	TERRAZZO
DIA	DIAMETER	LP	LOWPOINT	T&G	TONGUE & GROOVE
DIM	DIMENSION	MATL	MATERIAL	TH	THRESHOLD, THICK
DISP	DISPENSER	MAX	MAXIMUM	TOD	TOP OF DECK
DN	DOWN	MB	MARKER BOARD	TOJ	TOP OF JOIST
DO	DITTO	MECH	MECHANICAL	TOS	TOP OF STEEL
DR	DRAIN, DOOR	MFR	MANUFACTURER	TPD	TOILET PAPER DISPENSER
DTL	DETAIL	MH	MANHOLE	TR	TROWELED, TREAD
D/W	DISHWASHER	MIN	MINIMUM, MINUTE	TS	TUBULAR STEEL
DWG	DRAWING	MIR	MIRROR	TYP	TYPICAL
DS	DOWNSPOUT	MISC	MISCELLANEOUS	UGRD	UNDERGROUND
DWL	DOWEL	MO	MASONRY OPENING	UH	UNIT HEATER
EA	EACH	MTL	METAL	UNO	UNLESS NOTED OTHERWISE
EPDM	ETYLENE PROPYLENE DIENE MONOMER	MTD	MOUNTED	UR	URINAL
EF	EACH FACE	NIC	NOT IN CONTRACT	UTIL	UTILITY
EL	ELEVATION	NO	NUMBER	VERT	VERTICAL
ELEC	ELECTRIC	NS	NEAR SIDE	VCT	VINYL COMP. TILE
EQUIP	EQUIPMENT	OA	OVER ALL	W/	WITH
EW	EACH WAY	OC	ON CENTER	WC	WATER CLOSET / TOILET
EWV	ELECTRIC WATER COOLER	OD	OUTSIDE DIAMETER	W/D	WASHER/DRYER
ELVR	ELEVATOR	OF.	OUTSIDE FACE	WD	WOOD
EXH	EXHAUST	OPNG	OPENING	WDW	WINDOW
EXST	EXISTING	PR	PAIR	WH	WATER HEATER
EXP JT	EXPANSION JOINT	PNL	PANEL	WNCS	WAINSCOAT
EXT	EXTERIOR	PART	PARTITION	WO	WITHOUT
F	FAN	PERF	PERFORATED	WP	WORKING POINT
FD	FLOOR DRAIN	P/C	PRECAST		
FDN	FOUNDATION	PLAS	PLASTER		
FHMS	FLAT HEAD MACHINE SCREW	PL	PLATE		
FH	FIRE HYDRANT	P LAM	PLASTIC LAMINATE		
FLR	FLOOR	PT	PAINT		
FLG	FLANGE	PREFIN	PREFINISHED		
FRPF	FIREPROOF, FRAME				

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 CHECKED BY: LH
 APPROVED BY: LH
 SCALE: AS NOTED
 DATE: 02/07/18

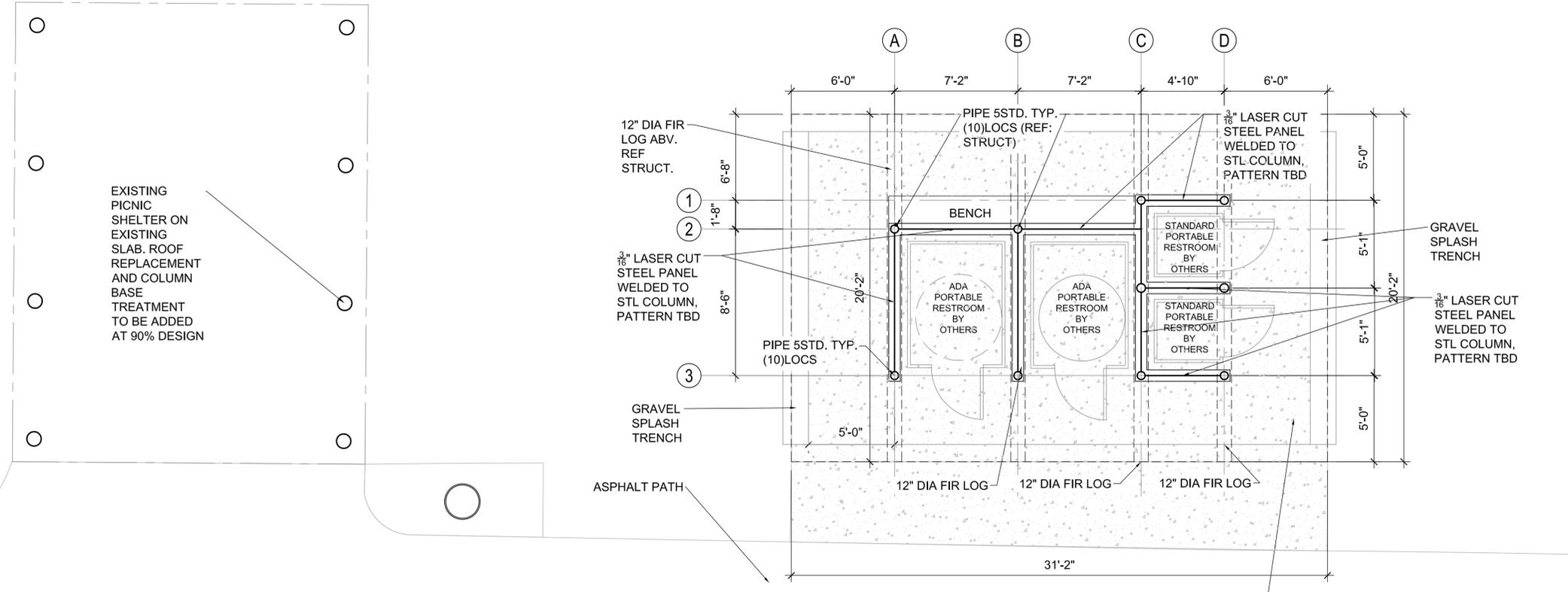
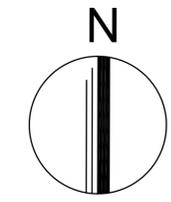
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ARCHITECTURE GENERAL NOTES

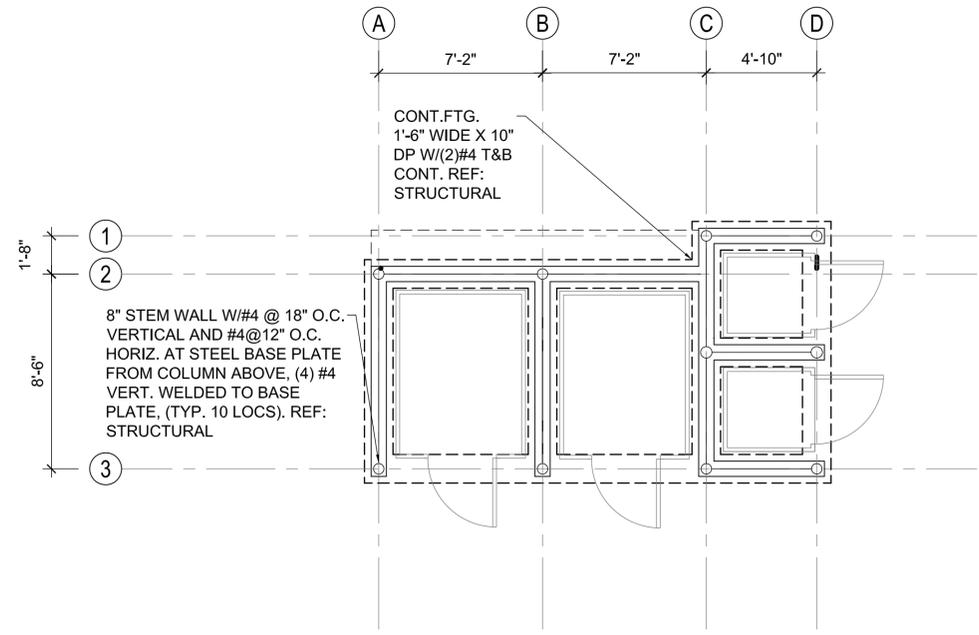
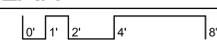
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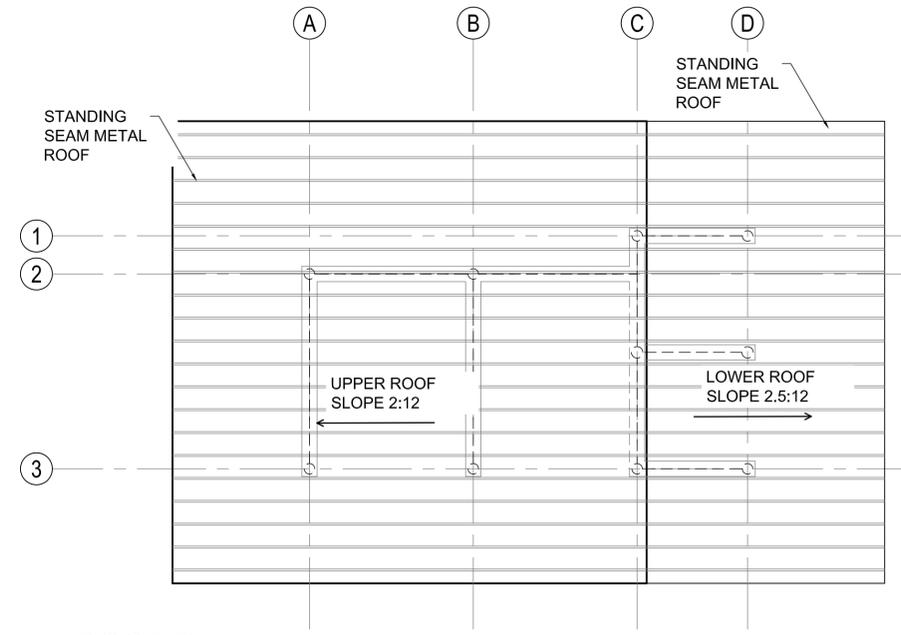
ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY



1 FLOOR PLAN
SCALE 1/4"=1'-0"



2 FOUNDATION PLAN
SCALE 1/4"=1'-0"



3 ROOF PLAN
SCALE 1/4"=1'-0"

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 CHECKED BY: LH
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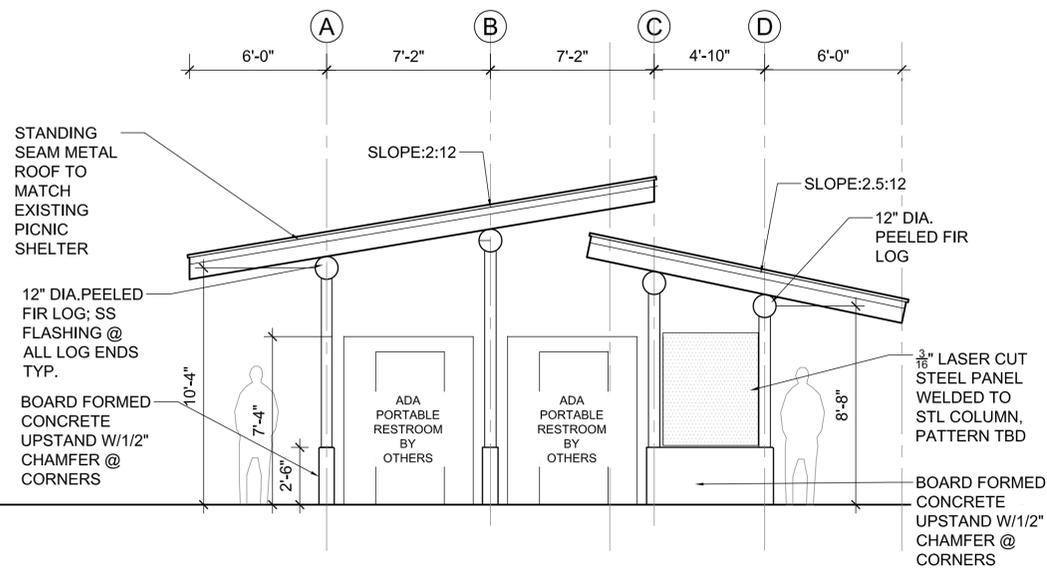
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PORTABLE TOILET ENCLOSURE FOUNDATION PLAN, FLOOR PLAN, ROOF PLAN

A-2.0

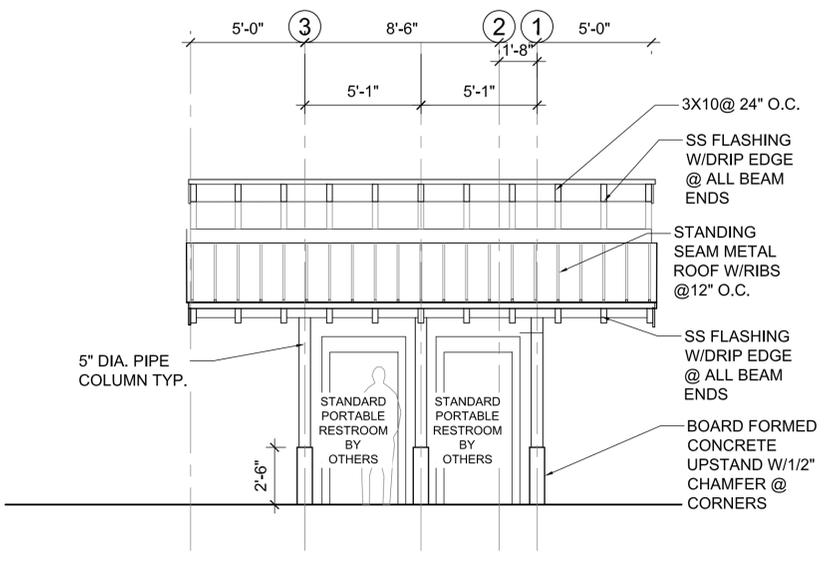
SHEET NO. 37 OF 50

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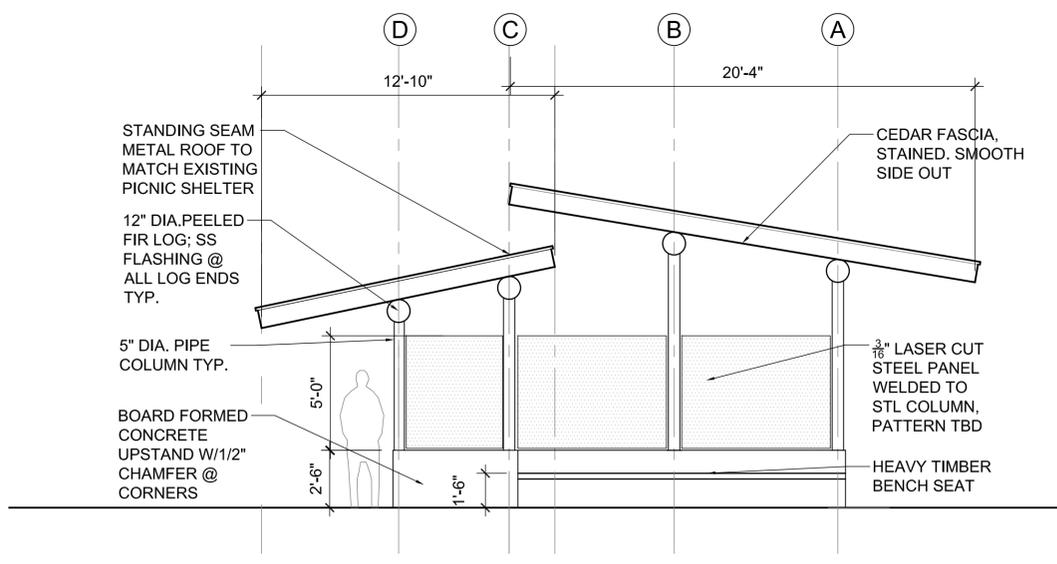
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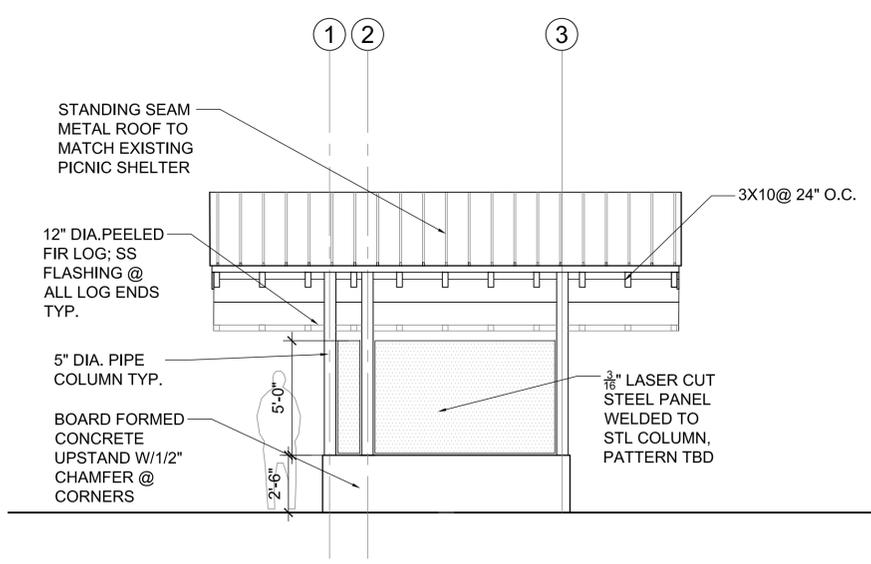
1 ELEVATION SOUTH
SCALE 1/4"=1'-0"
0' 1' 2' 4' 8'



2 ELEVATION EAST
SCALE 1/4"=1'-0"
0' 1' 2' 4' 8'



3 ELEVATION NORTH
SCALE 1/4"=1'-0"
0' 1' 2' 4' 8'



4 ELEVATION WEST
SCALE 1/4"=1'-0"
0' 1' 2' 4' 8'

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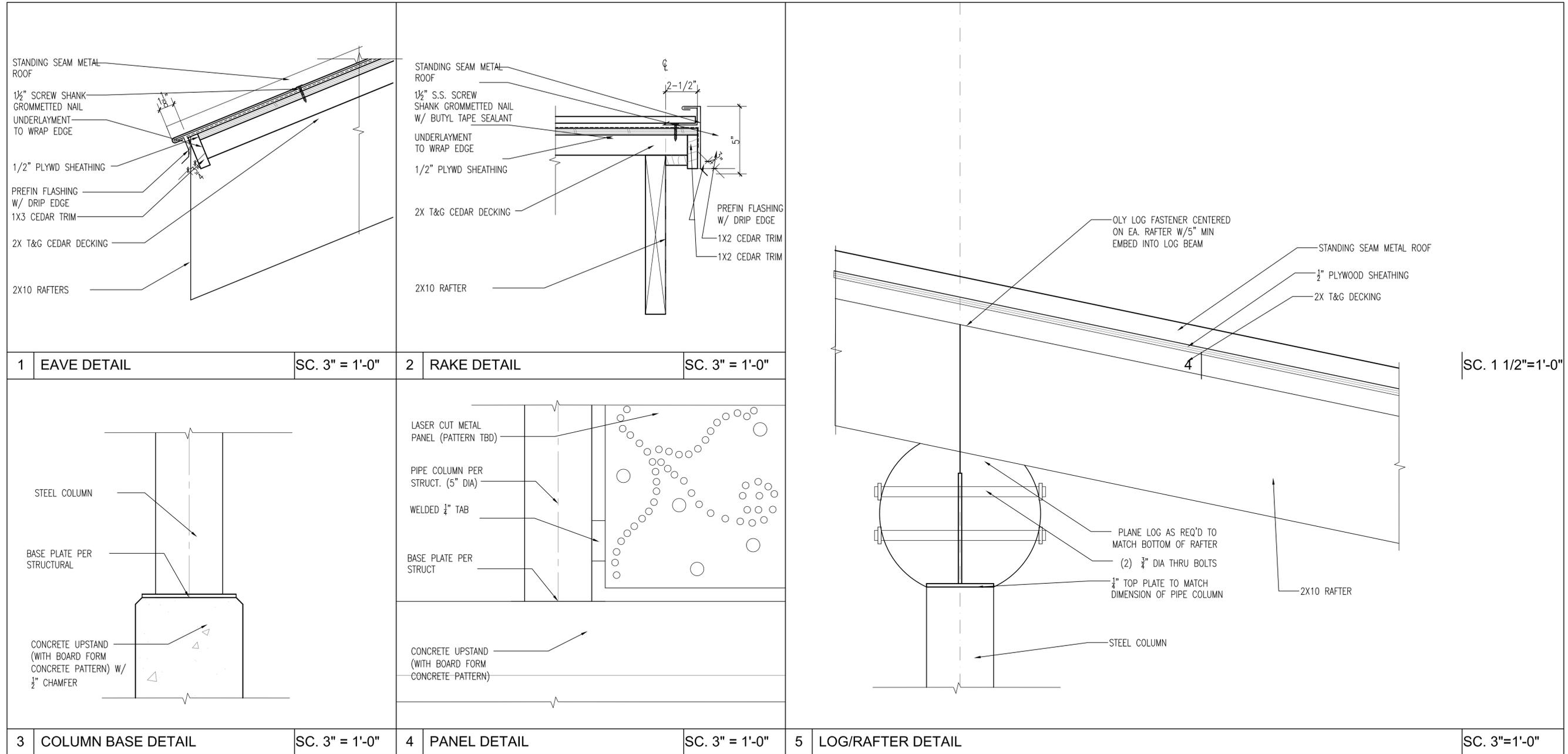
MEADOWDALE 60% SUBMITTAL
PORTABLE TOILET ENCLOSURE ELEVATIONS

A-3.0

SHEET NO. 38 OF 50

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DESIGNED BY: LDH
 DRAWN BY: LDH, DNW
 CHECKED BY: LDH
 APPROVED BY: _____
 SCALE: AS NOTED
 DATE: 02/07/18

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PORTABLE TOILET ENCLOSURE DETAILS

A-7.0

SHEET NO. 39 OF 50



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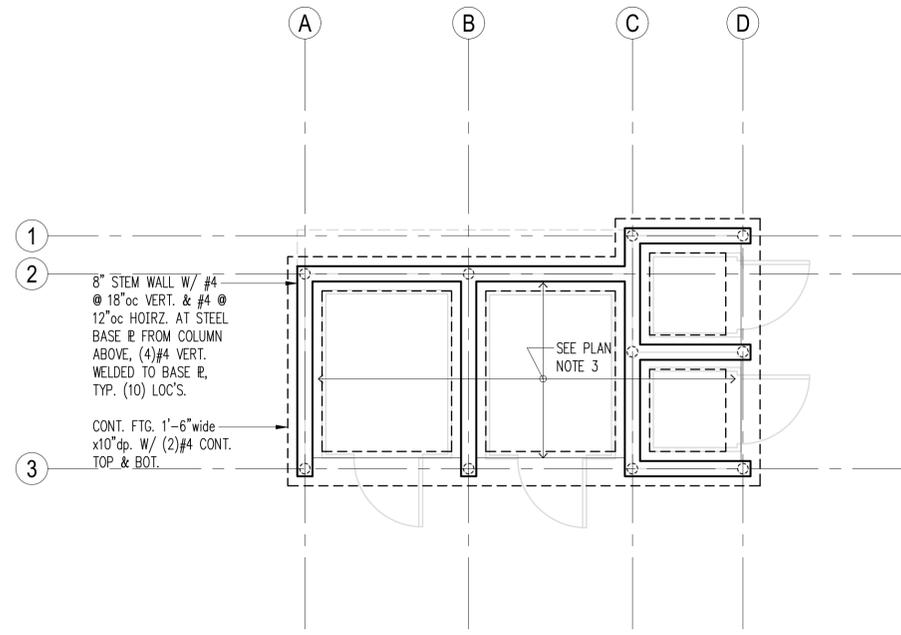
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 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA

STRUCTURAL OVERVIEW SITE PLAN

S2.1

SHEET NO. **40** OF **50**



Plan Notes

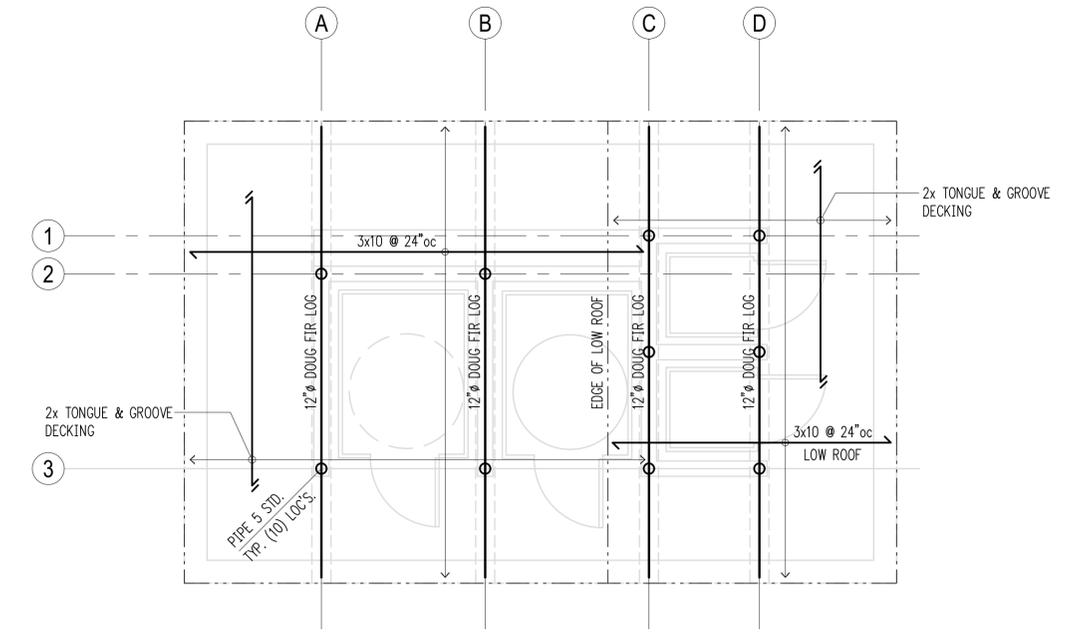
- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 18" MINIMUM BELOW EXTERIOR GRADE. BOTTOM OF FOOTINGS TO ALIGN WITH BOTTOM OF ADJACENT FOOTINGS.
- INTERIOR SLABS ON GRADE SHALL BE 4" MINIMUM THICKNESS. REINFORCE WITH #3 AT 16" O.C. CENTERED IN SLAB. BELOW SLAB PROVIDE A 10-MIL VAPOR BARRIER OVER 12" MINIMUM FREE DRAINING GRAVEL OVER FIRM NATIVE SOILS OR STRUCTURAL FILL.
- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.

Legend

- STEM WALL & FOOTING
- SPAN DIRECTION
- EXTENTS
- HEADER/BEAM PER PLAN

Foundation Plan

Scale: 1/4" = 1'-0"



Plan Notes

- DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
- TYPICAL ROOF FRAMING CONSISTS OF ROOFING PER ARCHITECTURAL DRAWINGS OVER 1/2" CDX APA RATED SHEATHING (EXPOSURE 1) OVER 2x TONGUE AND GROOVE DECKING. FACE GRAIN OF PLYWOOD SHEATHING TO BE PERPENDICULAR TO 2x DECKING, U.N.O.
- NAIL ROOF SHEATHING WITH 8d AT 6"oc AT ALL FRAMED PANEL EDGES AND AT 12"oc FIELD.
- ALL WOOD HEADERS SHALL BE (2) 2x8, U.N.O.
- PROVIDE AC, ACE, PC, EPC, LPC, OR LCE COLUMN CAP AND BASE AT ALL BEAM TO COLUMN CONNECTIONS U.N.O.
- ALL POSTS SHALL BEAR FULLY ON BEAMS OR POSTS BELOW AND SHALL HAVE FULL CONTINUOUS BEARING THROUGH FLOORS TO FOUNDATION.
- REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.

Legend

- SPAN & DIRECTION OF FRAMING
- EXTENTS OF FRAMING
- HEADER/BEAM PER PLAN
- STEEL PIPE PER PLAN

Roof Framing Plan

Scale: 1/4" = 1'-0"



60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: BDM
 DRAWN BY: NHD
 CHECKED BY: BDM
 APPROVED BY: DJS
 SCALE:
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA

TOILET ENCLOSURE STRUCTURAL PLANS

S2.2

SHEET NO. 41 OF 50

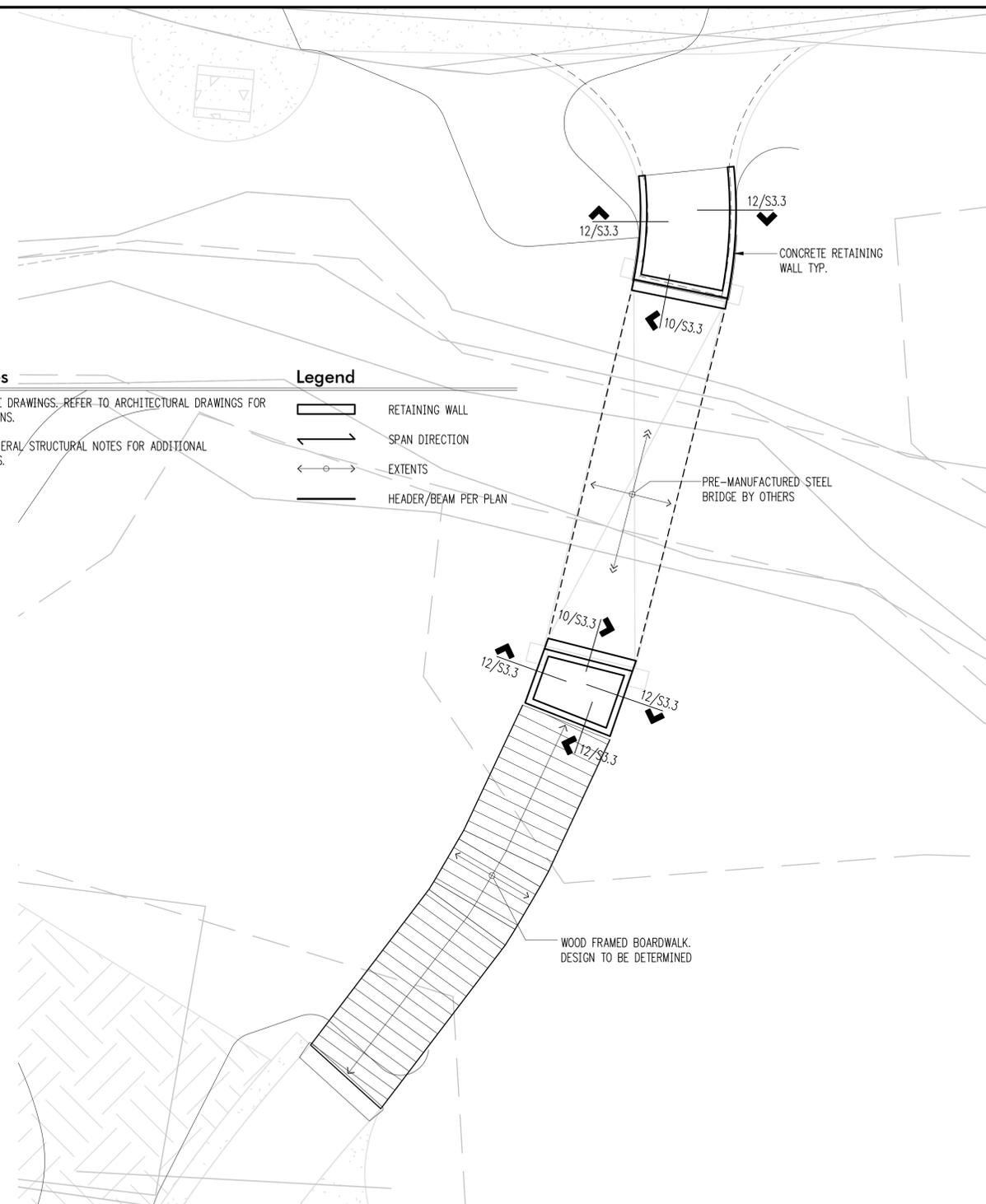
ONE INCH
 AT FULL SIZE, IF NOT ONE
 INCH SCALE ACCORDINGLY

Plan Notes

1. DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
2. REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.

Legend

-  RETAINING WALL
-  SPAN DIRECTION
-  EXTENTS
-  HEADER/BEAM PER PLAN



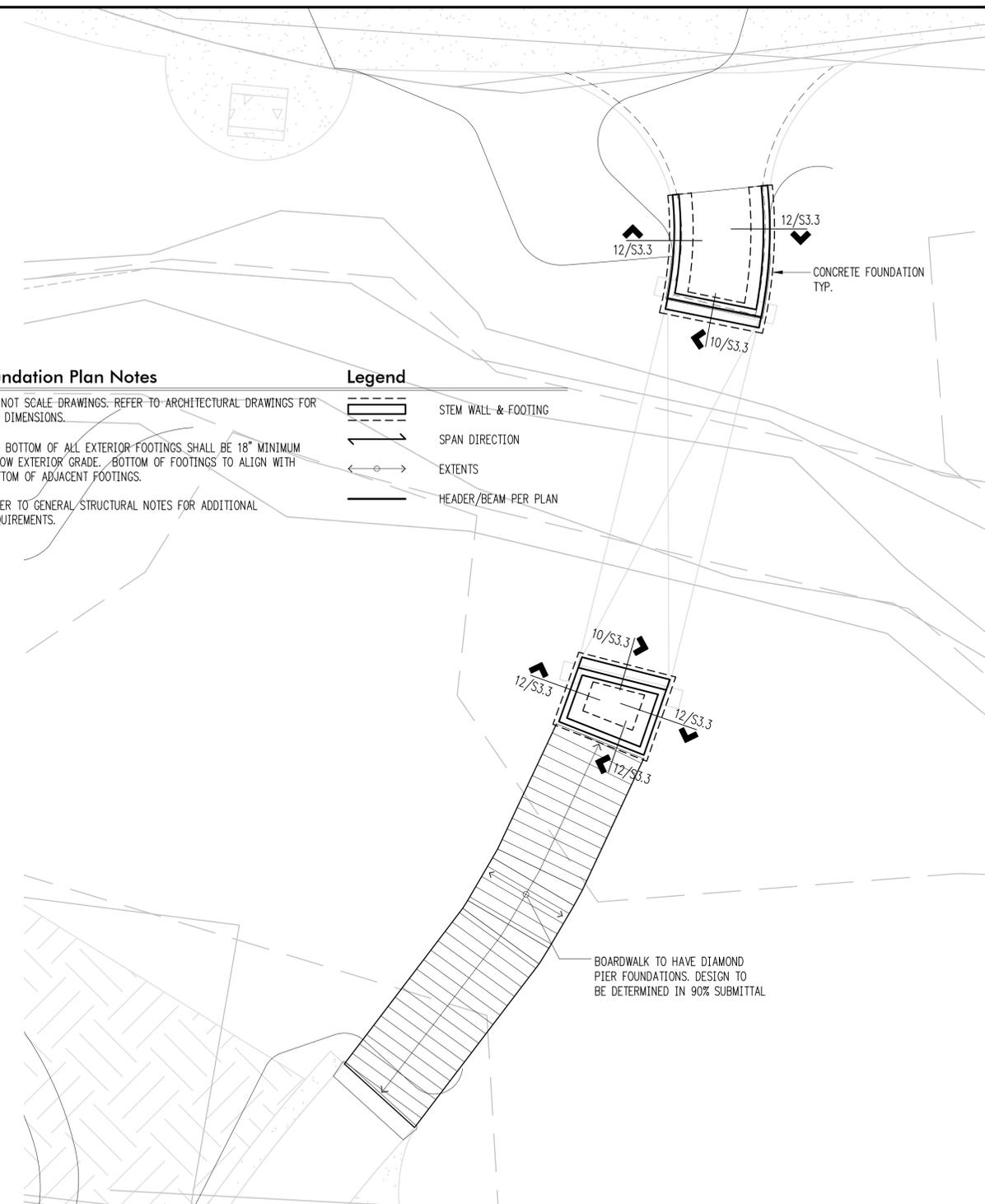
Above Grade Plan
Scale: 1/8" = 1'-0"

Foundation Plan Notes

1. DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS.
2. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 18" MINIMUM BELOW EXTERIOR GRADE. BOTTOM OF FOOTINGS TO ALIGN WITH BOTTOM OF ADJACENT FOOTINGS.
3. REFER TO GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.

Legend

-  STEM WALL & FOOTING
-  SPAN DIRECTION
-  EXTENTS
-  HEADER/BEAM PER PLAN



Foundation Plan
Scale: 1/8" = 1'-0"

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: BDM
 DRAWN BY: NHD
 CHECKED BY: BDM
 APPROVED BY: DJS
 SCALE: 1/8"=1'-0"
 DATE: FEBRUARY 2018

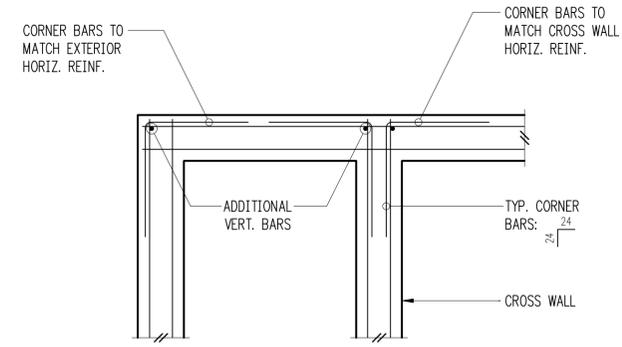
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN
18-XXXXX LDA**

**PEDESTRIAN BRIDGE ABUTMENT AND
BOARDWALK PLANS**

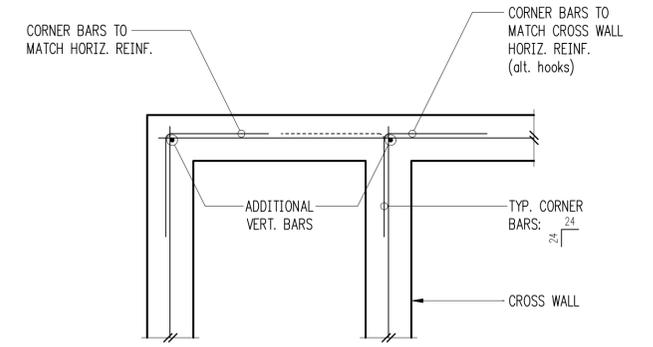
S2.3

SHEET NO. 42 OF 50

ONE INCH
AT FULL SIZE. IF NOT ONE
INCH SCALE ACCORDINGLY

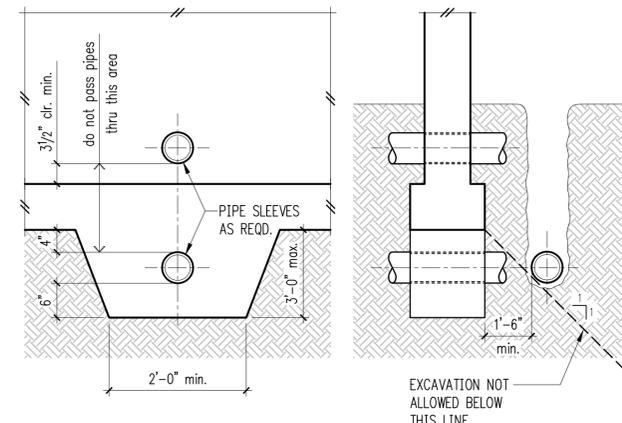


Double Curtain

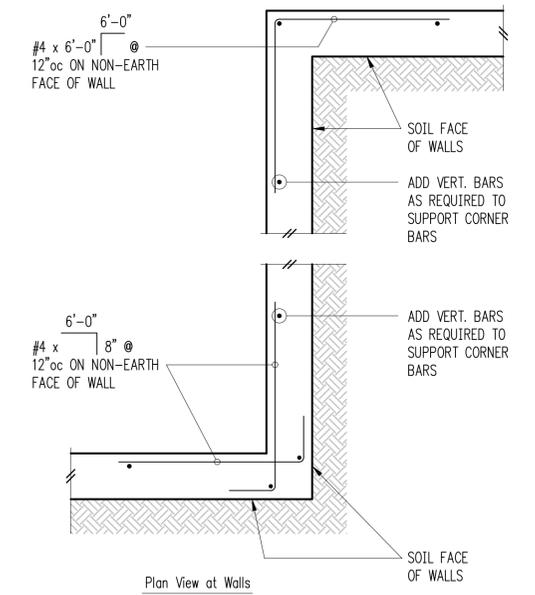


Single Curtain

Typical Corner Bars at Concrete Walls and Footings 4



Pipe and Trench Locations 7



Additional Reinforcement at Retaining Walls 12

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH
↑
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY
↓

1

2

5

6

9

10

11



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: BDM
 DRAWN BY: NHD
 CHECKED BY: BDM
 APPROVED BY: DJS
 SCALE: 3/4"=1'-0"
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA
**TOILET ENCLOSURE STRUCTURAL
 TYPICAL CONCRETE DETAILS**

S3.1
 SHEET NO. 43 OF 50

1

2

3

4

5

6

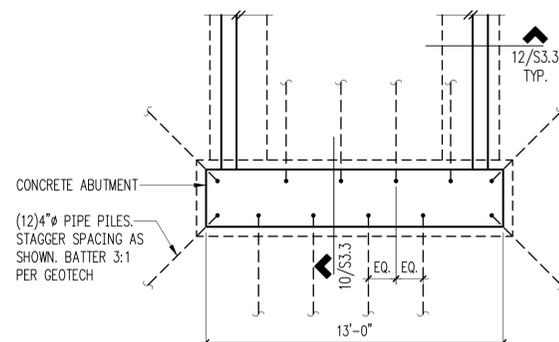
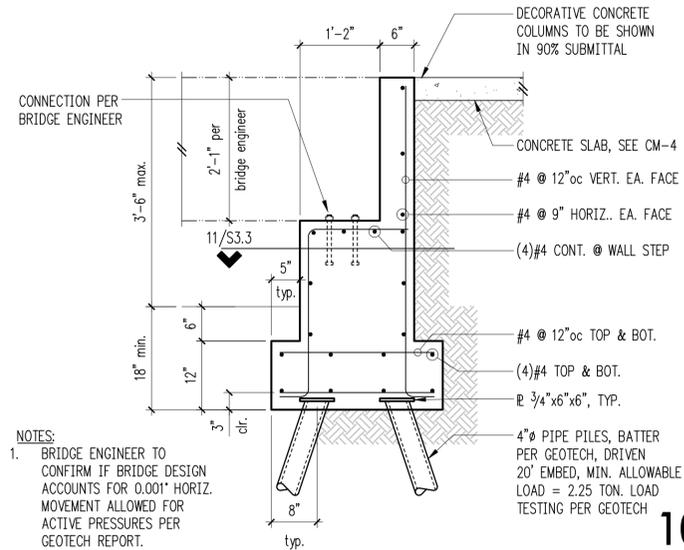
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9

10

11

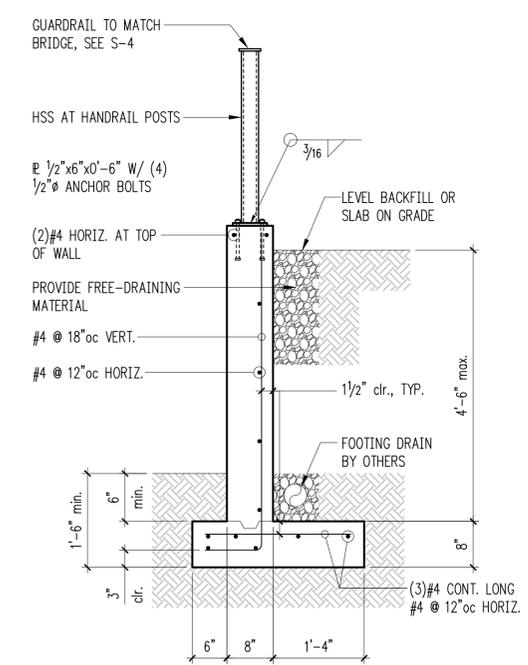
12



NOTES

1. PRELIMINARY PILE DESIGN MAY BE MODIFIED PENDING FINAL GEOTECH RECOMMENDATIONS. PILES MAY BE REDUCED IN NUMBER IF 6"Ø PILES DESIRED.

1/4" = 1'-0"



60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

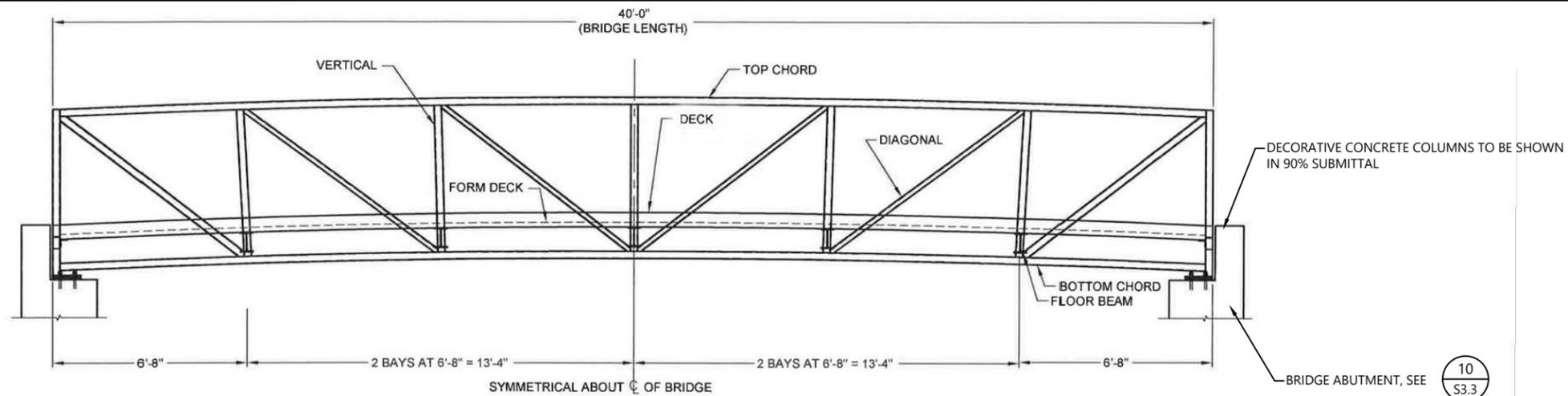
DESIGNED BY: BDM
 DRAWN BY: NHD
 CHECKED BY: BDM
 APPROVED BY: DJIS
 SCALE: 3/4"=1'-0"
 DATE: FEBRUARY 2018

MEADOWDALE BEACH PARK AND ESTUARY DESIGN
 18-XXXXX LDA

PEDESTRIAN BRIDGE CONCRETE ABUTMENT DETAILS

S3.3

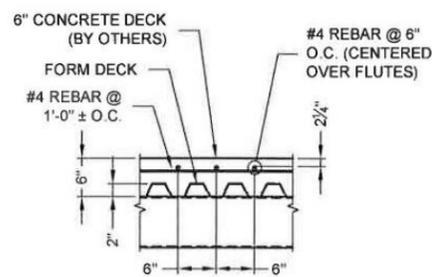
SHEET NO. 44 OF 50



BRIDGE ELEVATION

GENERAL NOTES

- DESIGN STRESSES ARE IN ACCORDANCE WITH "STANDARD SPECIFICATION FOR HIGHWAY BRIDGES" & "GUIDE SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES" BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), 2009.
- BRIDGE MEMBERS ARE FABRICATED FROM HIGH STRENGTH, LOW ALLOY, ENHANCED ATMOSPHERIC CORROSION RESISTANT ASTM A847 COLD-FORMED WELDED SQUARE AND RECTANGULAR TUBING, AND ASTM A588, ASTM A606, OR ASTM A242 PLATE AND STRUCTURAL SHAPES (Fy=50,000 PSI).
- CONCRETE DECK: GALVANIZED FORM DECK SUPPLIED BY CONTECH. CONCRETE, REINFORCING, AND EXPANSION MATERIAL SUPPLIED BY OTHERS. SEE CONCRETE DECK SHEET.
- THE GAS METAL ARC WELDING PROCESS OR FLUX CORED ARC WELDING PROCESS WILL BE USED. WELDING TO BE IN ACCORDANCE WITH AWS D1.1.
- ALL TOP AND BOTTOM CHORD SHOP SPLICES TO BE COMPLETE PENETRATION TYPE WELDS. WELD BETWEEN TOP CHORD AND END VERTICAL SHALL BE AS DETAILED.
- UNLESS OTHERWISE NOTED, WELDED CONNECTIONS SHALL BE FILLET WELDS (OR HAVE THE EFFECTIVE THROAT OF A FILLET WELD) OF A SIZE EQUAL TO THE THICKNESS OF THE LIGHTEST GAGE MEMBER IN THE CONNECTION. WELDS SHALL BE APPLIED AS FOLLOWS:
 - A. BOTH ENDS OF VERTICALS, DIAGONALS, AND FLOOR BEAMS SHALL BE WELDED ALL AROUND.
 - B. BRACE DIAGONALS WILL BE WELDED ALL AROUND.
 - C. MISCELLANEOUS NON-STRUCTURAL MEMBERS WILL BE STITCH WELDED TO THEIR SUPPORTING MEMBERS.
- BRIDGE DESIGN WAS ONLY BASED ON COMBINATIONS OF THE FOLLOWING LOADS WHICH WILL PRODUCE MAXIMUM CRITICAL MEMBER STRESSES.
 - A. 90 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA OR ONE 10,000 LB VEHICLE LOAD. THE LOAD SHALL BE DISTRIBUTED AS A FOUR-WHEEL VEHICLE WITH 80% OF THE LOAD ON THE REAR WHEELS. THE WHEEL TRACK WIDTH OF THE VEHICLE SHALL BE 6'-0" AND THE WHEEL BASE SHALL BE 10'-0". THE VEHICLE SHALL BE POSITIONED SO AS TO PRODUCE THE MAXIMUM STRESSES IN EACH MEMBER, INCLUDING DECKING.
 - B. 35 PSF WIND LOAD ON THE FULL HEIGHT OF THE BRIDGE, AS IF ENCLOSED.
 - C. 20 PSF UPWARD FORCE APPLIED AT THE WINDWARD QUARTER POINT OF THE TRANSVERSE BRIDGE WIDTH (AASHTO 3.15.3).
- CLEANING: ALL EXPOSED SURFACES OF STEEL SHALL BE CLEANED IN ACCORDANCE WITH STEEL STRUCTURES PAINTING COUNCIL SURFACES PREPARATION SPECIFICATIONS NO. 7 BRUSH-OFF BLAST CLEANING, SSPC-SP7-LATEST EDITION.
- MINIMUM MATERIAL THICKNESS OF 1/4" ON ALL STRUCTURAL MEMBERS.



2 TYP SLAB REINFORCEMENT DETAIL

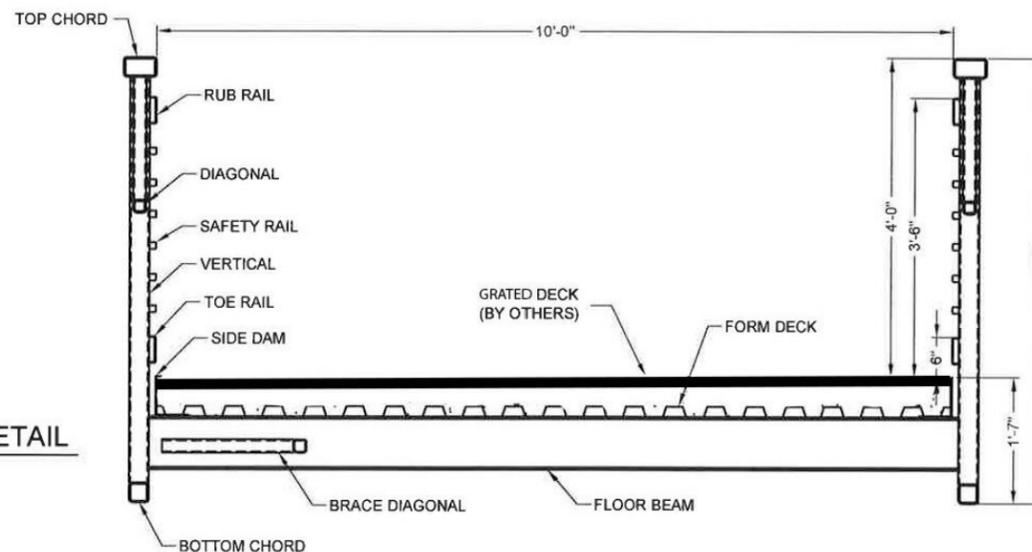
1 f_c = 3,500 PSI (MINIMUM 28 DAY STRENGTH)
GRADE 60 REINFORCING (f_y = 60,000 PSI)

COMBINE REACTIONS AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED

BRIDGE REACTIONS	+ DOWNWARD LOAD - UPWARD LOAD		
	P (LBS)	H (LBS)	L (LBS)
DEAD LOAD ②	8,300		
UNIFORM LIVE LOAD	9,000		
VEHICLE LOAD	5,000		
WIND UPLIFT 20 PSF		-3,150	
WINDWARD LEEWARD		-1,050	
WIND	±1,185	3,910	
THERMAL ②			1,245

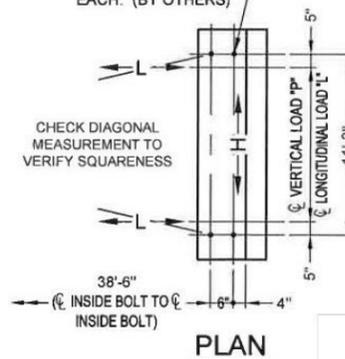
P - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE)
H - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE)
L - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE)

- ① BRIDGE LIFTING WEIGHT: 8,800 LBS
- ② BRIDGE FINAL WEIGHT: 33,200 LBS
- ① DOES NOT INCLUDE WEIGHT OF CONCRETE DECK
- ② INCLUDES WEIGHT OF CONCRETE DECK

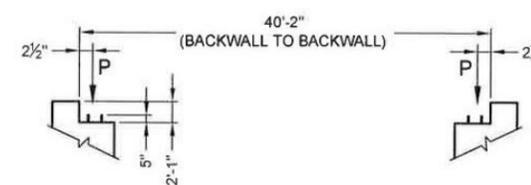


1 BRIDGE SECTION

(8) Ø3/4" ASTM F1554 GRADE 36 GALV. ANCHOR RODS W/ (2) NUTS AND (1) 2" O.D. WASHER EACH. (BY OTHERS)



PLAN



ANCHOR BOLT ELEVATION

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Pedestrian Bridge.dwg S-4 Feb 19, 2018 5:35pm bsewertsen



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: OTHERS
DRAWN BY: MD/CH/TG
CHECKED BY: BS
APPROVED BY: PH
SCALE: AS NOTED
DATE: FEBRUARY 2018

MEADOWDALE BEACH PARK AND ESTUARY DESIGN
18-XXXXX LDA

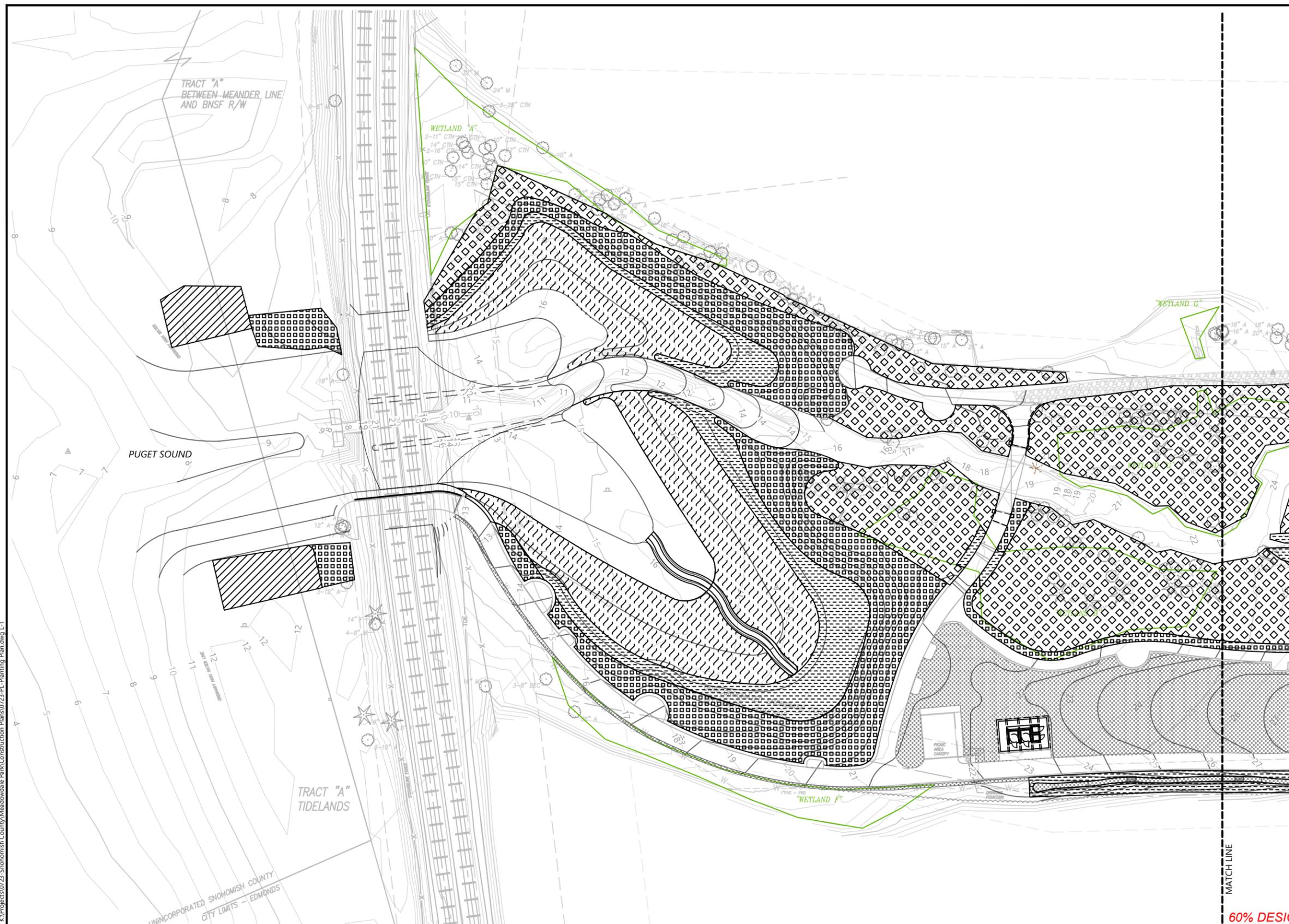
PEDESTRIAN BRIDGE DETAIL

S-4

SHEET NO. 45 OF 50

ONE INCH AT FULL SIZE IF NOT ONE INCH SCALE ACCORDINGLY

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Planting Plan.dwg L-1
 Feb 19, 2018 5:36pm bsewertsen



- LEGEND:
- RIPARIAN ENHANCEMENT PLANTING
 - RIPARIAN PLANTING
 - FRESHWATER WETLAND PLANTING
 - TIDAL MARSH PLANTING
 - BACKSHORE BEACH PLANTING
 - LAWN
 - 10 PROPOSED CONTOUR
 - TREE TO REMAIN
 - EXISTING WETLAND TO BE PROTECTED



- NOTES:
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 2. VERTICAL DATUM: NAVD 88

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH
 AT FULL SIZE IF NOT ONE
 INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

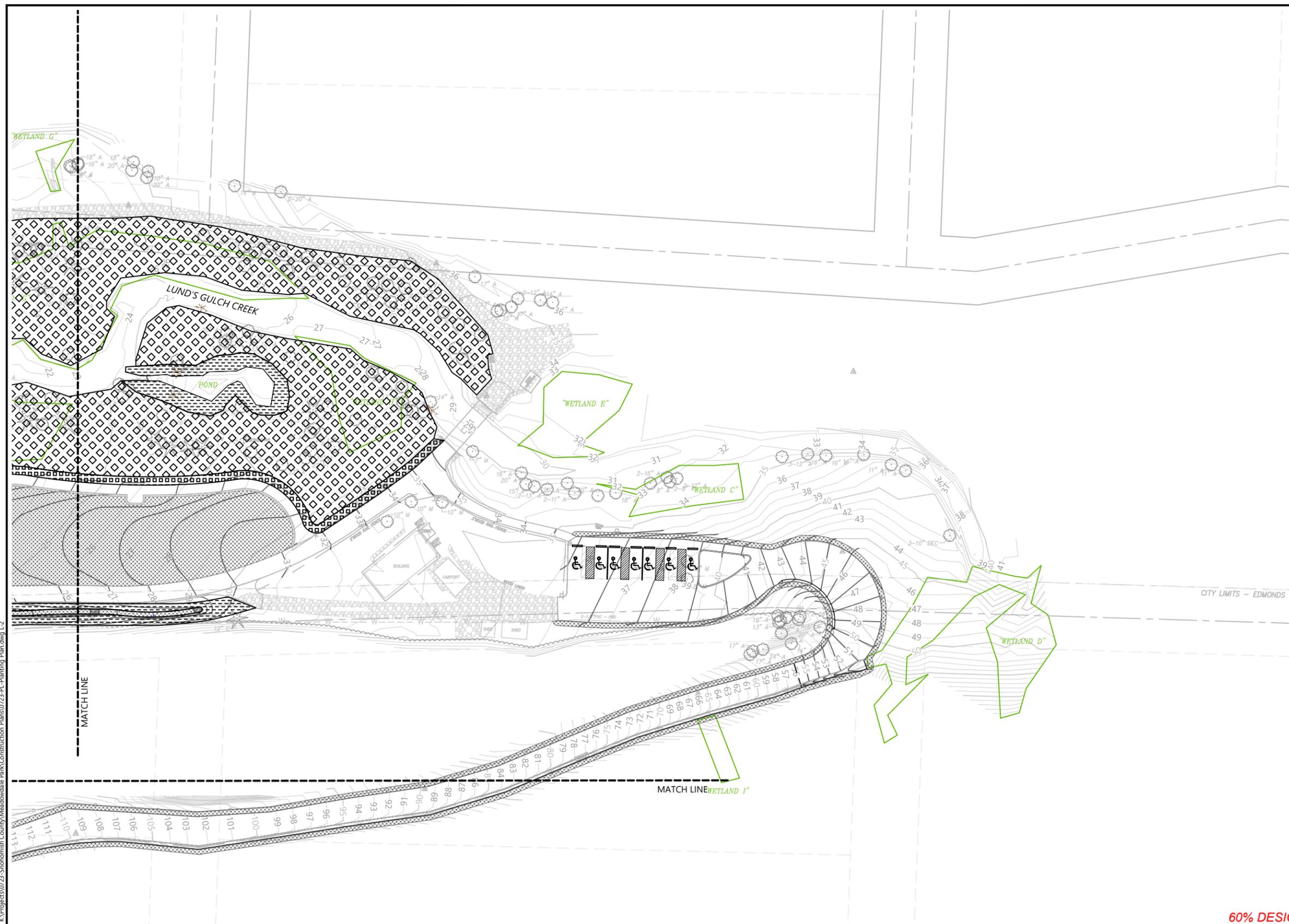
**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA

PLANTING PLAN (1 OF 3)

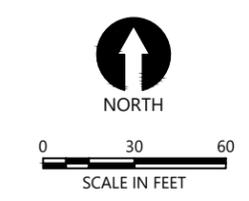
L-1

SHEET NO. 46 OF 50

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Planting Plan.dwg L-2
Feb 19, 2018 5:36pm bsevertsen



- LEGEND:
- RIPARIAN ENHANCEMENT PLANTING
 - RIPARIAN PLANTING
 - FRESHWATER WETLAND PLANTING
 - TIDAL MARSH PLANTING
 - BACKSHORE BEACH PLANTING
 - LAWN
 - PROPOSED CONTOUR
 - TREE TO REMAIN
 - EXISTING WETLAND TO BE PROTECTED



- NOTES:
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 2. VERTICAL DATUM: NAVD 88

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

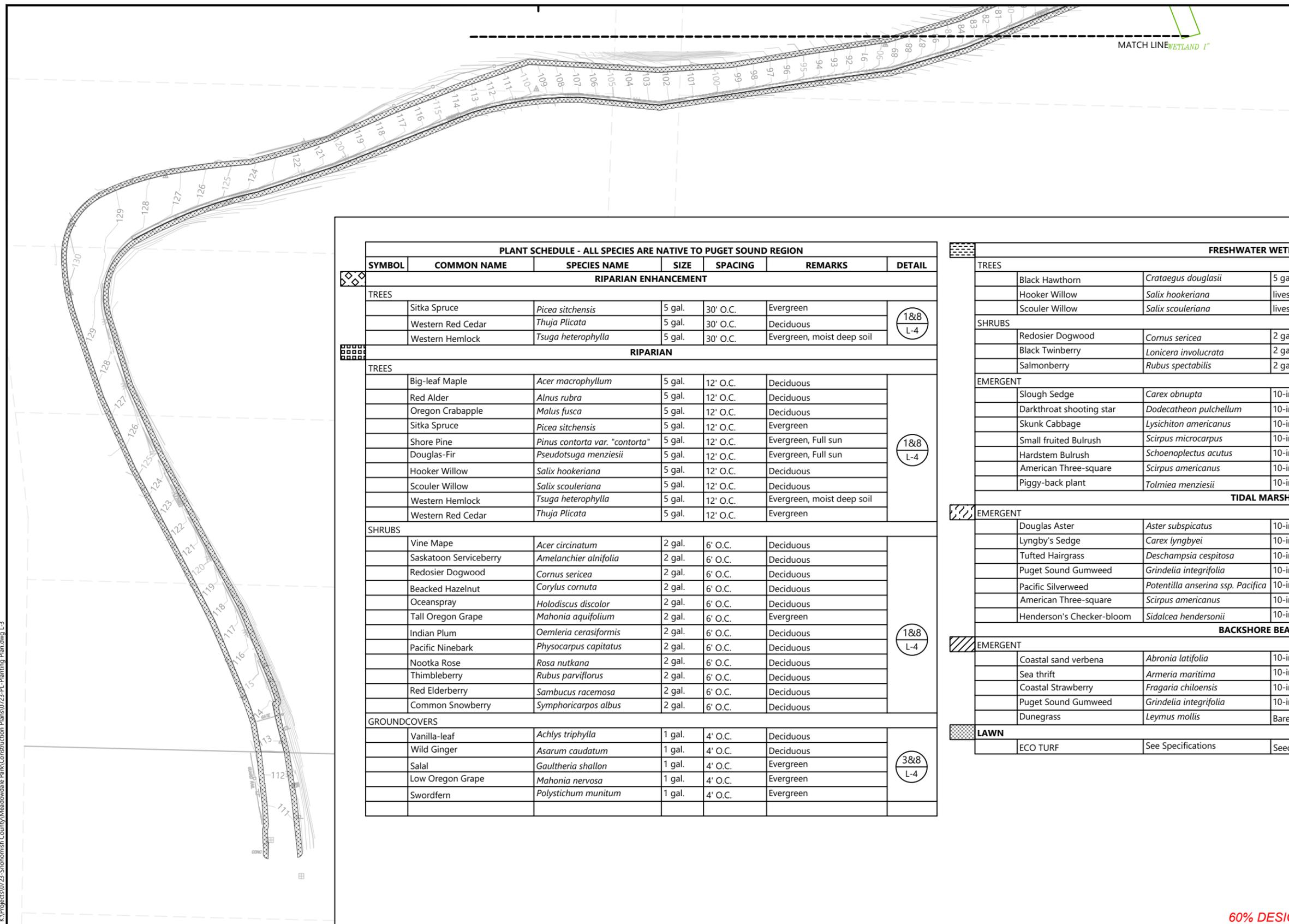
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

PLANTING PLAN (2 OF 3)

L-2

SHEET NO. 47 OF 50

K:\Projects\0723_Snohomish County Meadowdale Park Construction Plans\0723-PL-Planting Plan.dwg L-3
Feb 19, 2018 5:36pm bsewertsen



0 30 60
SCALE IN FEET

- NOTES:
1. HORIZONTAL DATUM: WASHINGTON STATE PLANE NORTH ZONE, NAD 83, U.S. FEET.
 2. VERTICAL DATUM: NAVD 88

PLANT SCHEDULE - ALL SPECIES ARE NATIVE TO PUGET SOUND REGION						
SYMBOL	COMMON NAME	SPECIES NAME	SIZE	SPACING	REMARKS	DETAIL
 RIPARIAN ENHANCEMENT 						
TREES						
	Sitka Spruce	<i>Picea sitchensis</i>	5 gal.	30' O.C.	Evergreen	1&8 L-4
	Western Red Cedar	<i>Thuja plicata</i>	5 gal.	30' O.C.	Deciduous	
	Western Hemlock	<i>Tsuga heterophylla</i>	5 gal.	30' O.C.	Evergreen, moist deep soil	
 RIPARIAN 						
TREES						
	Big-leaf Maple	<i>Acer macrophyllum</i>	5 gal.	12' O.C.	Deciduous	1&8 L-4
	Red Alder	<i>Alnus rubra</i>	5 gal.	12' O.C.	Deciduous	
	Oregon Crabapple	<i>Malus fusca</i>	5 gal.	12' O.C.	Deciduous	
	Sitka Spruce	<i>Picea sitchensis</i>	5 gal.	12' O.C.	Evergreen	
	Shore Pine	<i>Pinus contorta</i> var. "contorta"	5 gal.	12' O.C.	Evergreen, Full sun	
	Douglas-Fir	<i>Pseudotsuga menziesii</i>	5 gal.	12' O.C.	Evergreen, Full sun	
	Hooker Willow	<i>Salix hookeriana</i>	5 gal.	12' O.C.	Deciduous	
	Scouler Willow	<i>Salix scouleriana</i>	5 gal.	12' O.C.	Deciduous	
	Western Hemlock	<i>Tsuga heterophylla</i>	5 gal.	12' O.C.	Evergreen, moist deep soil	
	Western Red Cedar	<i>Thuja plicata</i>	5 gal.	12' O.C.	Evergreen	
SHRUBS						
	Vine Maple	<i>Acer circinatum</i>	2 gal.	6' O.C.	Deciduous	1&8 L-4
	Saskatoon Serviceberry	<i>Amelanchier alnifolia</i>	2 gal.	6' O.C.	Deciduous	
	Redosier Dogwood	<i>Cornus sericea</i>	2 gal.	6' O.C.	Deciduous	
	Beaked Hazelnut	<i>Corylus cornuta</i>	2 gal.	6' O.C.	Deciduous	
	Oceanspray	<i>Holodiscus discolor</i>	2 gal.	6' O.C.	Deciduous	
	Tall Oregon Grape	<i>Mahonia aquifolium</i>	2 gal.	6' O.C.	Evergreen	
	Indian Plum	<i>Oemleria cerasiformis</i>	2 gal.	6' O.C.	Deciduous	
	Pacific Ninebark	<i>Physocarpus capitatus</i>	2 gal.	6' O.C.	Deciduous	
	Nootka Rose	<i>Rosa nutkana</i>	2 gal.	6' O.C.	Deciduous	
	Thimbleberry	<i>Rubus parviflorus</i>	2 gal.	6' O.C.	Deciduous	
	Red Elderberry	<i>Sambucus racemosa</i>	2 gal.	6' O.C.	Deciduous	
	Common Snowberry	<i>Symphoricarpos albus</i>	2 gal.	6' O.C.	Deciduous	
GROUNDCOVERS						
	Vanilla-leaf	<i>Achlyis triphylla</i>	1 gal.	4' O.C.	Deciduous	3&8 L-4
	Wild Ginger	<i>Asarum caudatum</i>	1 gal.	4' O.C.	Deciduous	
	Salal	<i>Gaultheria shallon</i>	1 gal.	4' O.C.	Evergreen	
	Low Oregon Grape	<i>Mahonia nervosa</i>	1 gal.	4' O.C.	Evergreen	
	Swordfern	<i>Polystichum munitum</i>	1 gal.	4' O.C.	Evergreen	

FRESHWATER WETLAND						
TREES						
	Black Hawthorn	<i>Crataegus douglasii</i>	5 gal.	12' O.C.	Deciduous	1&8 L-4
	Hooker Willow	<i>Salix hookeriana</i>	livestake	3' O.C.	Deciduous	
	Scouler Willow	<i>Salix scouleriana</i>	livestake	3' O.C.	Deciduous	
SHRUBS						
	Redosier Dogwood	<i>Cornus sericea</i>	2 gal.	6' O.C.	Deciduous	1&8 L-4
	Black Twinberry	<i>Lonicera involucrata</i>	2 gal.	6' O.C.	Deciduous	
	Salmonberry	<i>Rubus spectabilis</i>	2 gal.	6' O.C.	Deciduous	
EMERGENT						
	Slough Sedge	<i>Carex obnupta</i>	10-in plug	2' O.C.	Deciduous	4&8 L-4
	Darkthroat shooting star	<i>Dodecatheon pulchellum</i>	10-in plug	2' O.C.	Deciduous	
	Skunk Cabbage	<i>Lysichiton americanus</i>	10-in plug	2' O.C.	Deciduous	
	Small fruited Bulrush	<i>Scirpus microcarpus</i>	10-in plug	2' O.C.	Deciduous	
	Hardstem Bulrush	<i>Schoenoplectus acutus</i>	10-in plug	2' O.C.	Deciduous, Full sun	
	American Three-square	<i>Scirpus americanus</i>	10-in plug	2' O.C.	Deciduous	
	Piggy-back plant	<i>Tolmiea menziesii</i>	10-in plug	2' O.C.	Deciduous	
TIDAL MARSH						
EMERGENT						
	Douglas Aster	<i>Aster subspicatus</i>	10-in plug	2' O.C.	Deciduous	4&8 L-4
	Lyngby's Sedge	<i>Carex lyngbyei</i>	10-in plug	2' O.C.	Deciduous	
	Tufted Hairgrass	<i>Deschampsia cespitosa</i>	10-in plug	2' O.C.	Deciduous	
	Puget Sound Gumweed	<i>Grindelia integrifolia</i>	10-in plug	2' O.C.	Deciduous	
	Pacific Silverweed	<i>Potentilla anserina</i> ssp. <i>Pacifica</i>	10-in plug	2' O.C.	Deciduous	
	American Three-square	<i>Scirpus americanus</i>	10-in plug	2' O.C.	Deciduous	
	Henderson's Checker-bloom	<i>Sidalcea hendersonii</i>	10-in plug	2' O.C.	Deciduous	
BACKSHORE BEACH						
EMERGENT						
	Coastal sand verbena	<i>Abronia latifolia</i>	10-in plug	2' O.C.	Deciduous	4&8 L-4
	Sea thrift	<i>Armeria maritima</i>	10-in plug	2' O.C.	Deciduous	
	Coastal Strawberry	<i>Fragaria chiloensis</i>	10-in plug	2' O.C.	Evergreen	5&8 L-4
	Puget Sound Gumweed	<i>Grindelia integrifolia</i>	10-in plug	2' O.C.	Deciduous	
	Dunegrass	<i>Leymus mollis</i>	Bare root	2' O.C.	Deciduous	
LAWN						
	ECO TURF	See Specifications	Seed			

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: 1" = 30'
 DATE: FEBRUARY 2018

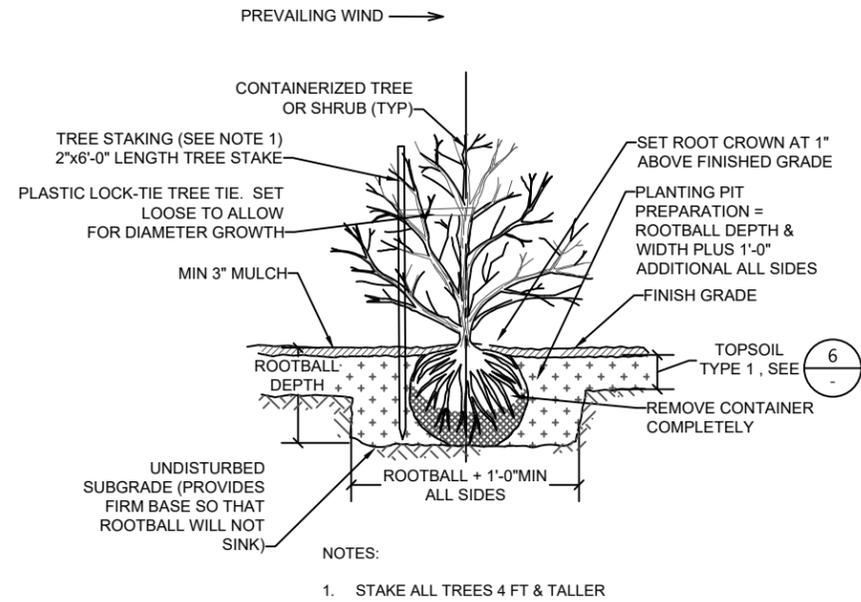
**MEADOWDALE BEACH PARK
AND ESTUARY DESIGN**
18-XXXXX LDA

PLANTING PLAN (3 OF 3)

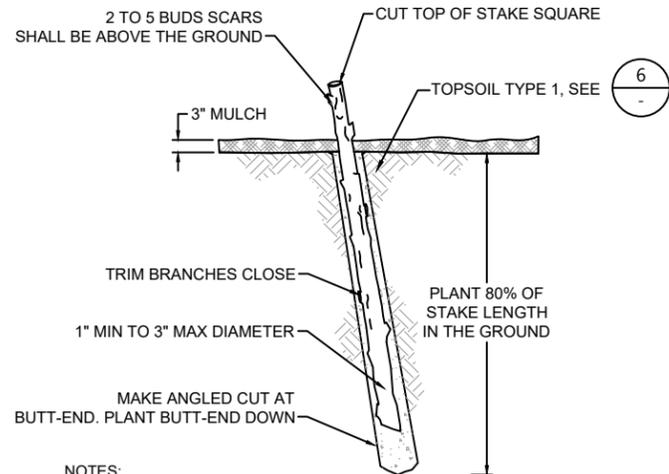
L-3

SHEET NO. 48 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

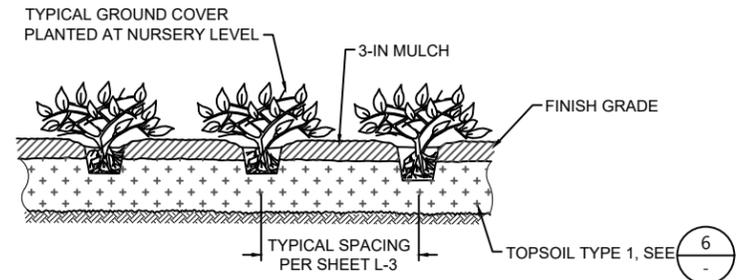


1 CONTAINER TREE OR SHRUB
SCALE: NTS

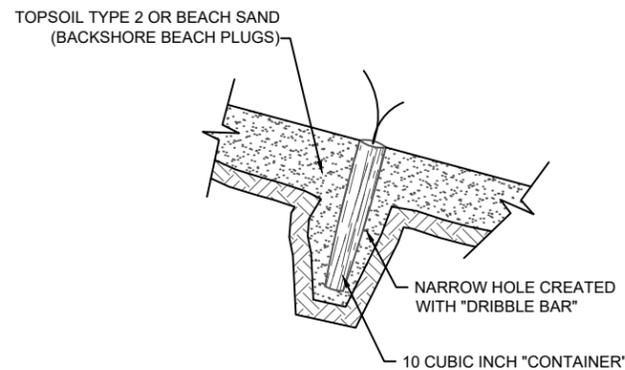


- NOTES:
- HARVEST AND PLANT STAKES DURING THE DORMANT SEASON.
 - MAKE CLEAN CUTS AND DO NOT DAMAGE STAKES OR SPLIT ENDS DURING INSTALLATION, USE A PILOT BAR IN FIRM SOILS.
 - SOAK CUTTINGS CONTINUOUSLY PRIOR TO INSTALLATION.
 - TAMP THE SOIL AROUND THE STAKE.
 - ONLY NURSERY GROWN STOCK SHALL BE USED. HARVESTING OF WILD PLANTS IS NOT ACCEPTABLE.
 - USE EQUAL NUMBER AND EVEN DISTRIBUTION OF EACH WILLOW SPECIES.

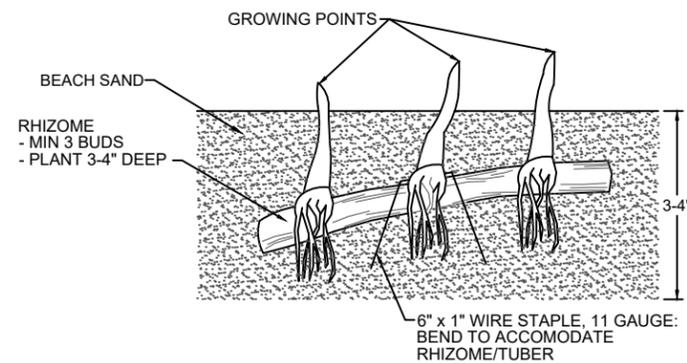
2 LIVESTAKE
SCALE: NTS



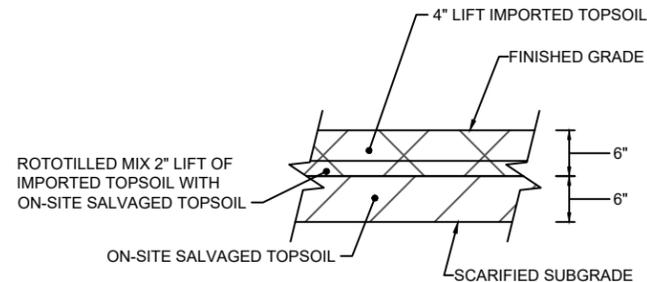
3 GROUNDCOVER
SCALE: NTS



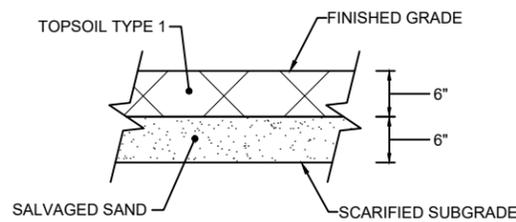
4 EMERGENT PLUG
SCALE: NTS



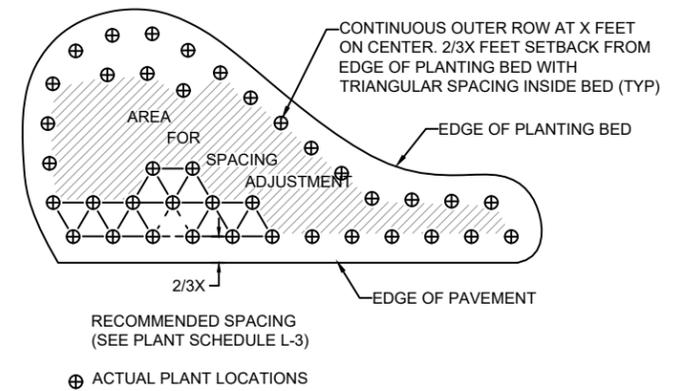
5 BARE ROOT PLANT
SCALE: NTS



6 SALVAGED TOPSOIL
SCALE: 1"=1'



7 TYPE 1 TOPSOIL OVER SANDY SOIL
SCALE: 1"=1'



8 PLANT SPACING
SCALE: NTS

60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

K:\Projects\0723-Snohomish County Meadowdale Park Construction Plans\0723-PL-Planting Plans.dwg L-4
Feb 19, 2018 5:36pm bsewertsen



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
DRAWN BY: MD/CH/TG
CHECKED BY: BS
APPROVED BY: PH
SCALE: AS NOTED
DATE: FEBRUARY 2018

MEADOWDALE BEACH PARK AND ESTUARY DESIGN
18-XXXXX LDA

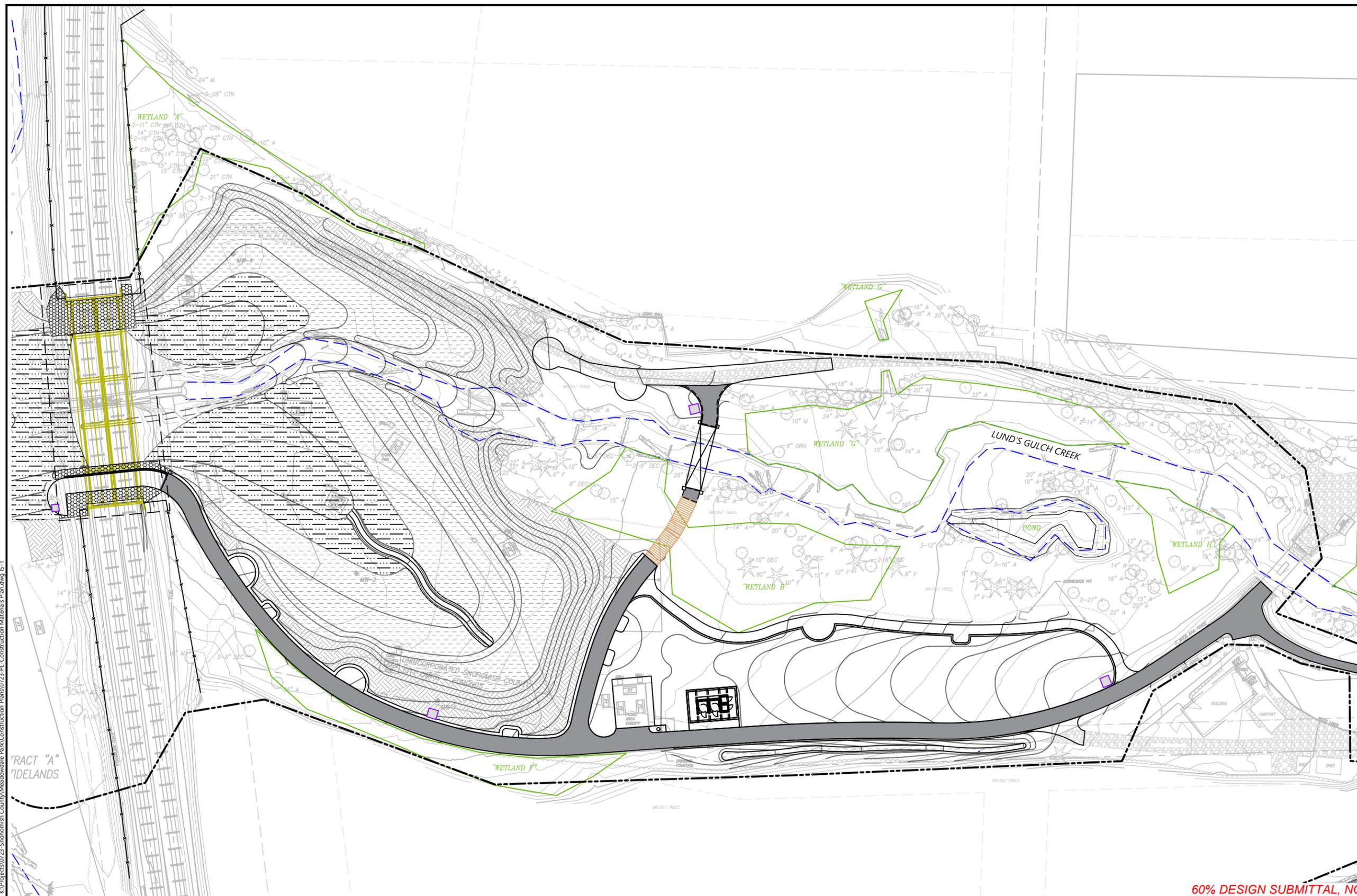
PLANTING DETAILS

L-4

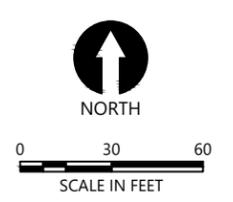
SHEET NO. 49 OF 50

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY

K:\Projects\0723_Snohomish County Meadowdale Park Construction Plans\0723-PL Construction Materials Plan.dwg IS-1
 Feb 19, 2018 5:37pm bsewertsen



- LEGEND:
- PROJECT BOUNDARY
 - INTERPRETIVE SIGN LOCATION



60% DESIGN SUBMITTAL, NOT FOR CONSTRUCTION

ONE INCH
AT FULL SIZE IF NOT ONE
INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: PH/BS
 DRAWN BY: MD/CH/TG
 CHECKED BY: BS
 APPROVED BY: PH
 SCALE: AS NOTED
 DATE: FEBRUARY 2018

**MEADOWDALE BEACH PARK
 AND ESTUARY DESIGN**
 18-XXXXX LDA

INTERPRETIVE SIGNAGE PLAN

IS-1

SHEET NO. 50 OF 50