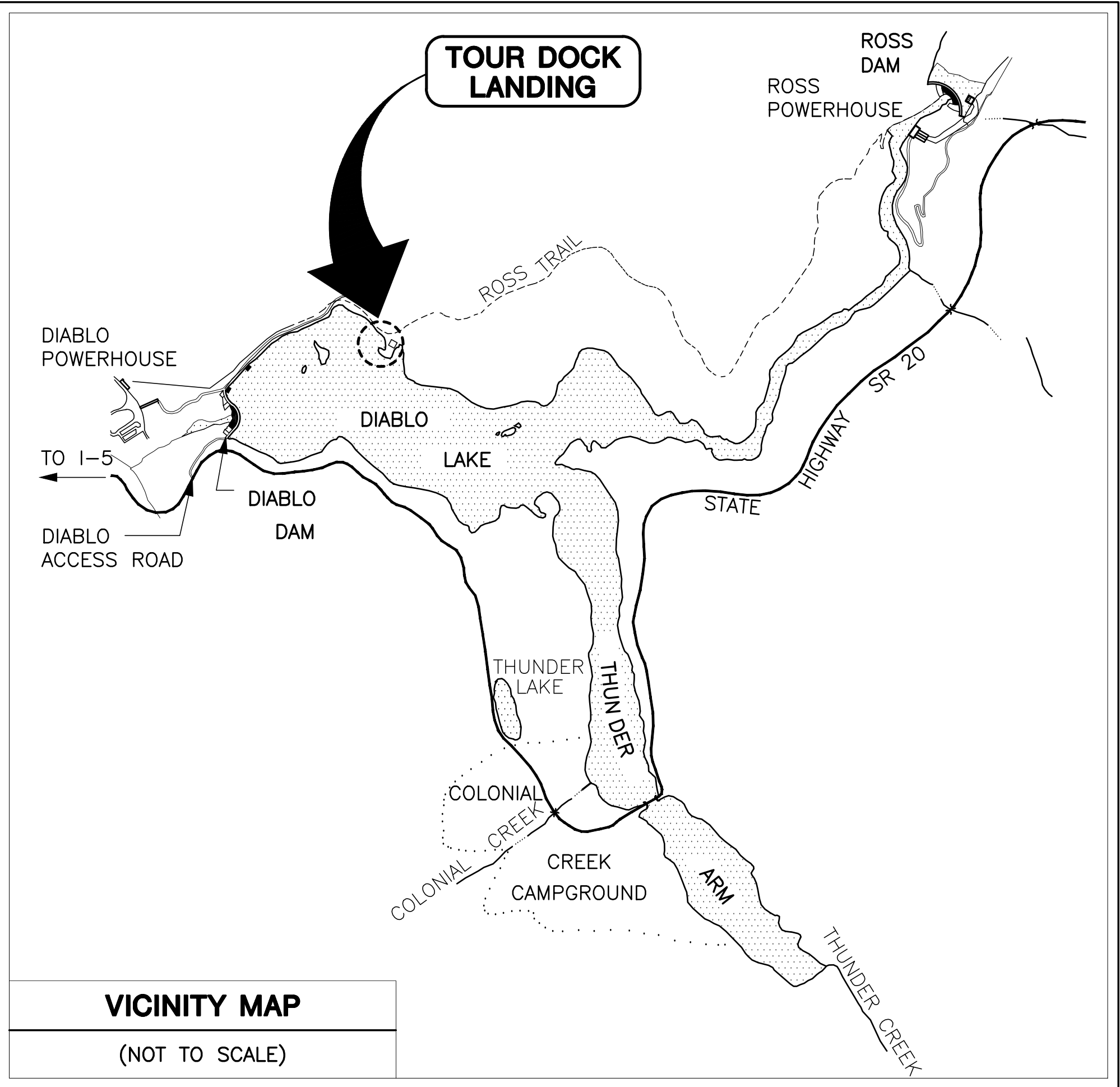
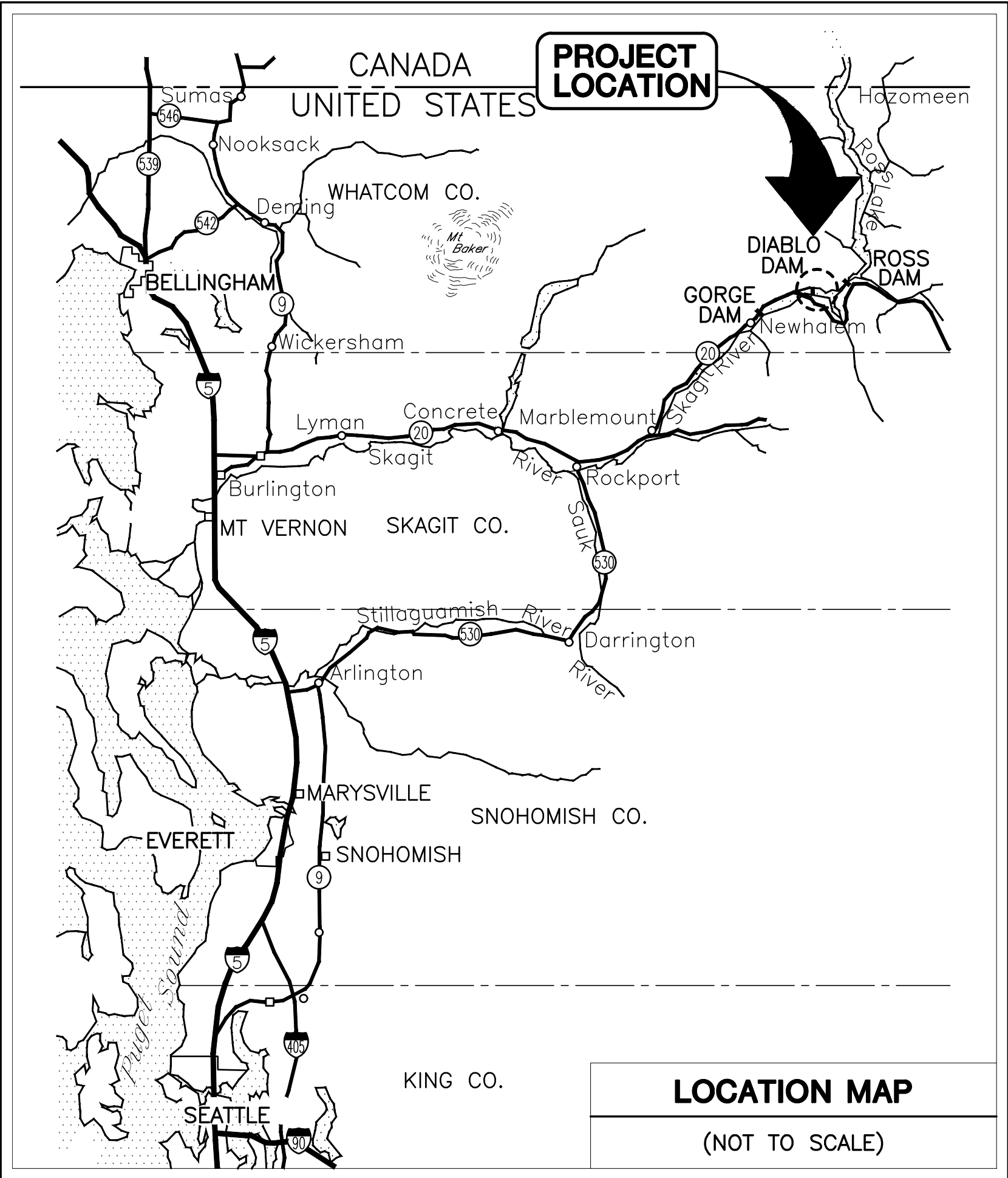


DIABLO LAKE - TOUR DOCK



PROJECT DESCRIPTION:
THE PROJECT INVOLVES CONSTRUCTING A NEW TOUR DOCK FACILITY LOCATED ALONG THE PENINSULA TRAIL NEAR THE ENVIRONMENTAL LEARNING CENTER (ELC). THE EXISTING TOUR DOCK LOCATED NEAR THE DIABLO DAM WILL REMAIN AS-IS AND REPURPOSED IN THE FUTURE. THE NEW TOUR DOCK WILL BE LOCATED APPROXIMATELY 350 FEET FROM THE DINING HALL. THE NEW FACILITY IS PART OF THE "DIABLO BOAT FACILITIES MASTER PLAN". THE NEW LOCATION WILL MAKE THE TOUR SAFER, ELIMINATING THE NEED FOR PARTICIPANTS TO WALK A LONG DISTANCE ON A NARROW ROAD, AND WILL ENHANCE THE OVERALL EXPERIENCE. THE DIABLO RESERVOIR WILL BE DRAWN DOWN TO ELEVATION 1202 (~9 FEET BELOW OHWM) TO ALLOW ALL WORK TO BE PERFORMED "IN THE DRY".

TRAIL:
THE EXISTING TRAIL WILL BE ENHANCED (AS NECESSARY) FROM THE TRAILHEAD LOCATED NEAR THE DINING HALL TO MAINTAIN MINIMUM TREAD WIDTHS AND ASSOCIATED PASSING SPACES AT SPECIFIED INTERVALS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA), ARCHITECTURAL BARRIERS ACT (ABA), AND OUTDOOR DEVELOPED AREAS – 36 CFR PART 1191 GUIDELINES. THE NEW TRAIL WILL SPLIT OFF THE EXISTING TRAIL APPROXIMATELY 250 FEET FROM THE TRAILHEAD. LANDSCAPE ROCKERIES WILL BE CONSTRUCTED ALONG PORTIONS OF THE TRANSITION. THE NEW TRAIL WILL EXTEND TO A NEW PIER.

PIER:
THE NEW PIER WILL BE CONSTRUCTED ATOP CONCRETE ANCHOR BLOCKS USED TO SUPPORT THE NEW DOCK AND OTHER CONCRETE PILINGS. THE PIER WILL BE DESIGNED PER GUIDELINES NOTED ABOVE. THE PIER WILL INCORPORATE STRUCTURAL TIMBER MEMBERS AND MOLDED FIBERGLASS GRATING.

GANGWAY:
THE NEW GANGWAY WILL SPAN FROM THE PIER TO THE DOCK. THE GANGWAY WILL BE DESIGNED PER GUIDELINES NOTED ABOVE. THE GANGWAY WILL BE APPROXIMATELY 5 FEET WIDE BY 40 FEET LONG. THE GANGWAY WILL BE CONSTRUCTED FROM STRUCTURAL ALUMINUM MEMBERS AND MOLDED FIBERGLASS GRATING.

DOCK:
THE NEW DOCK IS APPROXIMATELY 25 FEET WIDE BY 50 FEET LONG AND CONSTRUCTED WITH STEEL PONTOONS, ALASKAN CEDAR TIMBERS, AND MOLDED GRATING. THE DOCK WILL BE ATTACHED TO NEW CONCRETE ANCHOR BLOCKS WITH STEEL STIFF ARMS. EACH ANCHOR BLOCK WILL BE SECURED IN PLACE WITH ROCK BOLTS AND A DEAD MAN, AS NECESSARY.

SHEET INDEX			
SHEET #	CLASS #	SHEET TITLE	DRAWING #
1	G-1	LOCATION MAP & PROJECT DESCRIPTION	D-56512
2	C-1	OVERALL SITE PLAN	D-56513
3	C-2	NOTES & DETAIL	D-56514
4	C-3	TESC/ DEMOLITION PLAN	D-56515
5	C-4	SITE PLAN	D-56516
6	C-5	EXISTING TRAIL REGRADE	D-56517
7	C-6	NEW TRAIL PLAN AND PROFILE	D-56518
8	C-7	DRAW DOWN CLEARANCES	D-56519
9	A-1	DECK PLAN VIEW	D-56520
10	A-2	DECK DETAILS	D-56521
11	S-1	CONCRETE SECTIONS AND DETAILS	D-56522
12	S-2	CONCRETE SECTIONS AND DETAILS	D-56523
13	S-3	ANCHOR PLATE SHOP DETAILS	D-56524
14	S-4	ANCHOR PLATE SHOP DETAILS	D-56525
15	S-5	STEEL SHOP DETAILS	D-56526

PROJECT LOCATION:

LATITUDE: 48° 43' 04" N
LONGITUDE: 121° 07' 09" W
SEC 07, T 37 N, R 13 E. W.M.
WHATCOM COUNTY, WASHINGTON

OWNER:

SEATTLE CITY LIGHT
PO BOX 34023
SEATTLE, WA 98124-4023

REFERNECES:

D-44734 DIABLO TOUR DOCK- TOPOGRAPHIC SURVEY
D-44698 ENVIRONMENTAL LEARNING CENTER- BATHYMETRY SURVEY

EXCAVATION & FILL QUANTITIES:

- EXCAVATION ABOVE OHWM: 66.9 CY
- EXCAVATION BELOW OHWM: 10.5 CY
- FILL ABOVE OHWM: 4.5 CY
- FILL BELOW OHWM: 24.4 CY (CONCRETE)
3.3 CY (SOIL)

PROJECT MANAGER:

PATRICIA FILIMON
SEATTLE CITY LIGHT

CIVIL ENGINEER:

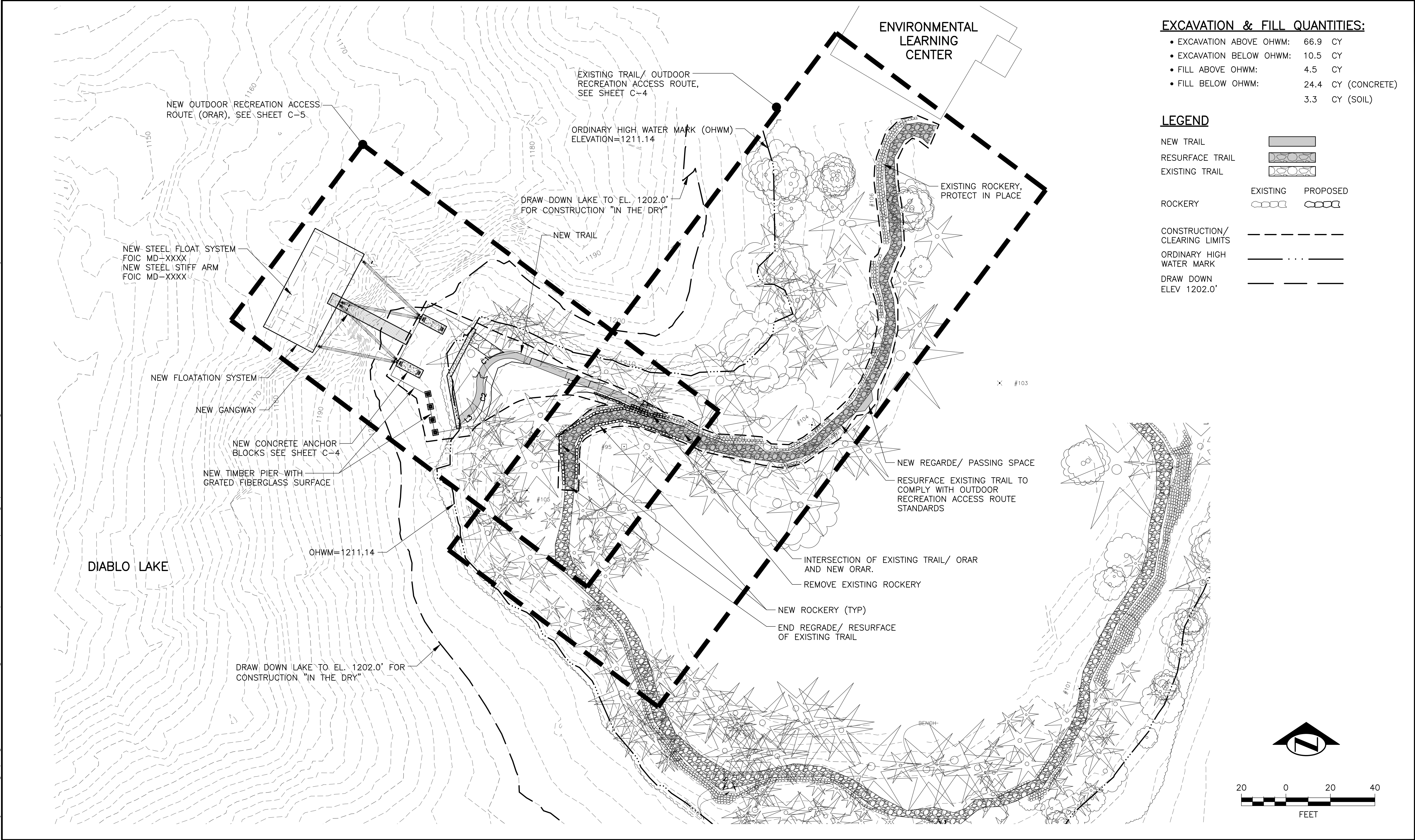
RYAN O'ROURKE, PE
SEATTLE CITY LIGHT


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I:\SHARE\Projects\03_Projects_Skagit\Skagit Boat Facilities Program - 6540\Diablo Tour Dock Drawings\1512119-SHEETS.dwg, ANSI-D: 22x34, HERNANRA, February 9, 2018 9:06 AM

ONE INCH AT FULL SIZE		REVISIONS		IMAGE		DRAWN BY: CHECKED BY: APPROVED BY:		WORK ORDER #:		DESCRIPTION		0		3/2/2017		WORK ORDER #: 1512119																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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ONE INCH AT FULL SIZE		REVISONS		ENDORSEMENTS		 <div>Seattle City Light Generation and Substations</div>		SUBJECT		PERMITS		SHEET	
				SIGNATURE DATE				LOCATION		DIABLO DAM AND RESERVOIR		2 OF 15	
		REV DATE IMAGE		DRAWN:		APPROVED FOR SEATTLE CITY LIGHT		TITLE		DIABLO LAKE TOUR DOCK TOUR BOAT LANDING OVERALL SITE PLAN		CLASS \ SHEET	
		WORK ORDER #:		CHECK:								C-1	
		DESCRIPTION		DESIGN:		DATE						DRAWING NO.	
		0 3/3/2017		CHECK:								D-56513	
		WORK ORDER #: 1512119								SCALE		REV. NO.	
										1"=10'		0	

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GENERAL NOTES

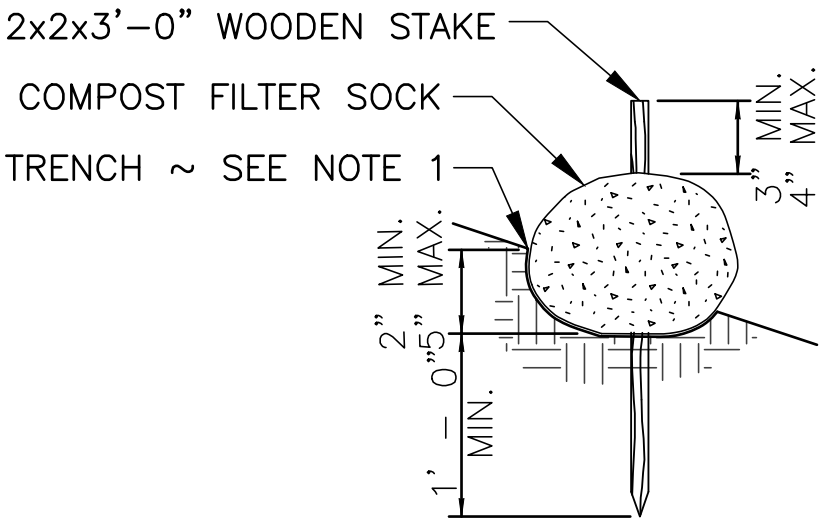
- HORIZONTAL DATUM IS BASED ON THE WASHINGTON STATE PLANE, NORTH ZONE NAD 83 – 2011 EPOCH 2016 DERIVED FROM OPUS.
- VERTICAL DATUM IS BASED ON NAVD 88 GEOID 12A DERIVED FROM OPUS. CP #12 ELEV 1224.11’ & CP #13 ELEV 1223.09’.
- STAFF GAGES LOCATED AT DIABLO LAKE ARE BASED ON A LOCAL DATUM. TO CONVERT FROM THE DIABLO LAKE DATUM TO NAVD 88 DATUM ADD 6.14’.
- DIABLO LAKE ORDINARY HIGH WATER MARK IS AT EL. 1211.14 +/- . TO FACILITATE CONSTRUCTION IN NON-SUBMERGED CONDITIONS, LAKE LEVEL MAY BE AS LOW AS EL. 1202. LANDING LAKE ELEVATION MUST BE 1210. PRIOR TO LAUNCHING DIABLO LAKE MUST BE AT 1211.
- ALL WORK SHALL CONFORM TO THE 2014 EDITION OF CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS.
- PROVIDE AND MAINTAIN TEMPORARY EROSION SEDIMENTATION CONTROL (TESC) FACILITIES TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER LAKE. AS CONSTRUCTION PROGRESSES AND UNEXPECTED CONDITIONS DICTATE, ADDITIONAL CONTROL FACILITIES MAY BE REQUIRED.
- LAKE ELEVATIONS SHALL BE COORDINATED WITH CONSTRUCTION ACTIVITIES TO ENSURE THAT LAKE ELEVATIONS ARE BELOW THE TESC FACILITIES WHICH ARE TO BE BELOW CONSTRUCTION ACTIVITIES. IN THE EVENT THAT LAKE ELEVATIONS MUST BE RAISED, THE TESC SHALL BE REMOVED AND CONSTRUCTION ACTIVITIES SUSPENDED UNTIL THE TESC AREA REPLACED.

TESC NOTES

- STRAW WATTLE (AND SANDBAGS AS NECESSARY) MATERIALS SHALL BE INSTALLED AROUND THE DOWN SLOPE EDGE OF THE WORK ZONE ABOVE THE INTERFACE WITH THE RESERVOIR WATER LEVEL, AS NECESSARY.
- STRAW WATTLES SHALL BE INSTALLED TO MINIMIZE SEDIMENTATION INTO UNDISTURBED AREAS, WHERE INDICATED ON THE DRAWINGS OR AS OTHERWISE DIRECTED BY THE ENGINEER.
- EROSION CONTROL MATERIALS AND SPILL RESPONSE KITS MATERIALS SHALL BE STAGED ON SITE AT THE TOP OF SLOPE.
- ALL INSTALLED BEST MANAGEMENT PRACTICES SHALL BE INSPECTED WEEKLY AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER’S RECOMMENDATIONS.
- CONTRACTOR TO CREATE CONCRETE WASH-OUT AREA FOR USE DURING CONSTRUCTION. CONTRACTOR TO ENSURE THAT WASH WATER DOES NOT ENTER LAKE. CONTRACTOR SHALL HAVE SPILL RESPONSE EQUIPMENT ON-SITE THROUGHOUT DURATION OF CONSTRUCTION.
- ALL TREES THAT WILL BE REMOVED SHALL BE FLAGGED BY ENGINEER BEFORE CONSTRUCTION BEGINS.
- INSTALL HIGH VISIBLE FENCE FOR TREE PROTECTION.
- ANY TRENCHING THROUGH DRIP ZONES REQUIRE HYDRO-EXCAVATION AND/OR TUNNELING.

COMPOST SOCK NOTE

- SOCKS. COMPOST SOCKS SHALL CONSIST OF MESH FABRIC TUBE WITH A MINIMUM STRAND THICKNESS OF 5 MILS, AND SHALL BE WARRANTED BY THE MANUFACTURER AS APPROPRIATE FOR USE IN COMPOST SOCKS. IT SHALL BE CLEAN, AND FREE FROM CUTS, TEARS, AND BROKEN OR MISSING YARNS. THE FABRIC SHALL BE OF A BIODEGRADABLE TYPE FOR APPLICATIONS WHERE THE DIAMETER SOCKS MAY BE REQUIRED WHERE PONDING BEHIND THE SOCK IS ANTICIPATED OR OBSERVED.
- COMPOST. SOCKS SHALL BE FILLED WITH COARSE COMPOST AS DESCRIBED IN SECTION 9.14.4(8).
- FILLING. THE SOCKS SHALL BE FILLED ON-SITE BY FORCED-AIR MULCH SPREADER EQUIPMENT, AND SHALL BE FIRMLY PACKED YET FLEXIBLE. SECTIONS LESS THAN 15 FEET LONG MAY BE FILLED OFF-SITE. THE SOCKS SHALL BE BLOWN FULL CONTINUOUSLY, IF A BREAK IS NECESSARY THE SOCKS SHALL BE OVERLAPPED FIVE (5) FEET AT THEIR ENDS AND STAKED IN PLACE.
- PLACEMENT. SOIL SURFACE SHALL BE GRADED SMOOTH, AND THE COMPOST FILLED SOCK SHALL BE PLACED DIRECTLY ONTO SOIL SURFACE. THE SOCK SHALL THEN BE WALKED TO PRESS IT FIRMLY TO THE SURFACE. 2x2 INCH STAKES SHALL BE DRIVEN THROUGH THE SOCK INTO THE SOIL AT INTERVALS OF 10 FEET, UNLESS OTHERWISE SHOWN ON THE CSECP OR AS SPECIFIED BY THE ENGINEER.
- PLACEMENT ON SLOPES. ON SLOPES, COMPOST SOCKS SHALL BE PLACED PARALLEL WITH THE CONTOUR AND PERPENDICULAR TO RUNOFF OR OTHER FLOW. ENDS OF SOCKS SHALL BE PLACED ANGLING UPSLOPE TO PREVENT WATER FLOWING AROUND. SOCKS SHALL BE PLACED AT THE TOP OF THE SLOPE, AND AT INTERVALS ACROSS THE SLOPE TO ALLOW NOT GREATER THAN SIX (6) FOOT VERTICAL ELEVATION CHANGE BETWEEN SOCK ROWS, OR AS SHOWN IN THE CSECP OR SPECIFIED BY THE ENGINEER, TO PREVENT CONCENTRATED WATER FLOWS FROM RUNNING DOWN THE SLOPE.
- MAINTENANCE. COMPOST SOCKS SHALL BE MAINTAINED IN CONTACT WITH THE SOIL, AND SHALL BE INSPECTED IMMEDIATELY AFTER A RUNOFF PRODUCING RAINFALL TO VERIFY SOIL CONTACT.
- REMOVAL. WHERE COMPOST SOCKS ARE NOT INTENDED TO BE LEFT IN PLACE TO SUPPORT PERMANENT PLANTING (E.G. PLANTED WITH LIVE STAKES FRO SLOPE STABILIZATION EFFORTS), COMPOST SOCKS SHALL BE SLIT AND REMOVED FROM PROJECT SITE, AND COMPOST SPREAD FOR INCORPORATION INTO THE SOIL.

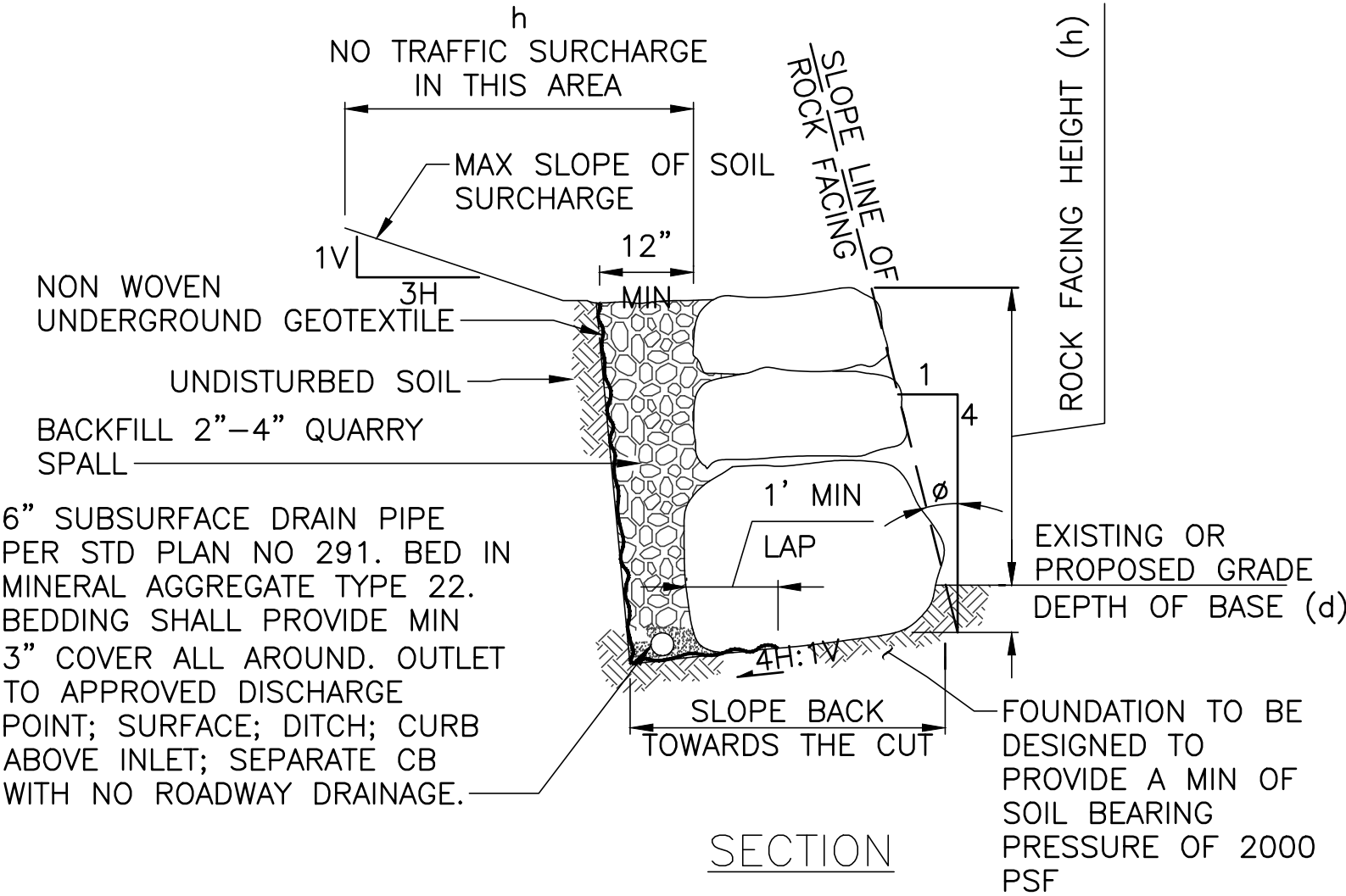


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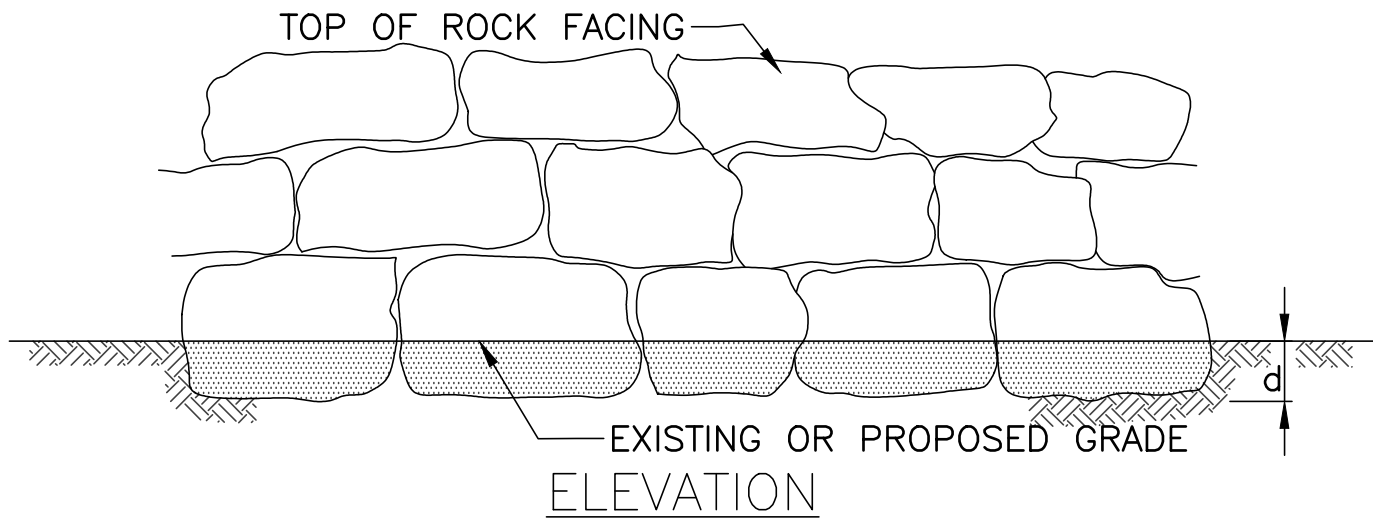
SEE COMPOST NOTES FOR MORE DETAILS

COMPOST SOCK
N.T.S.

1
C-2



SECTION



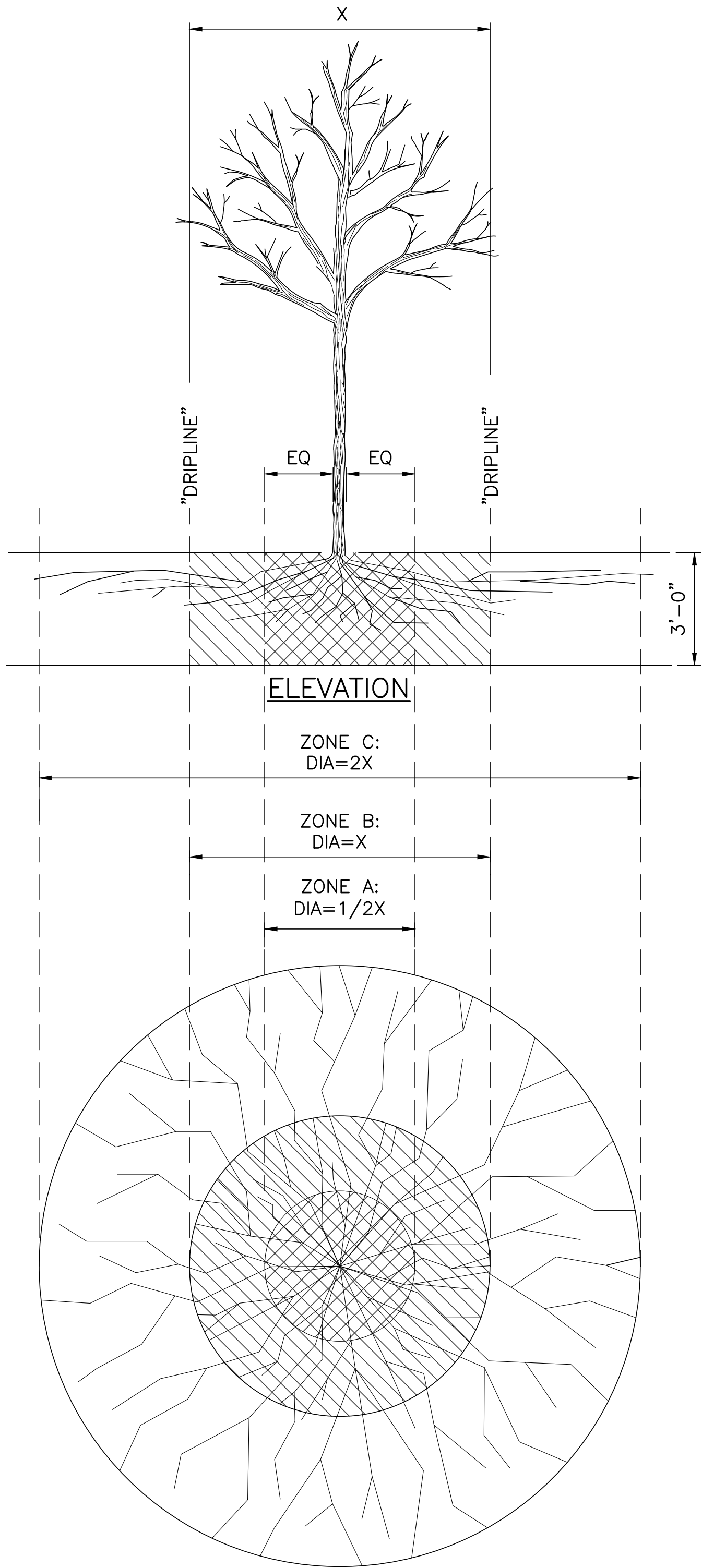
ELEVATION

		MINIMUM ROCK	
(h)	(d)	SIZE(BASE)	SIZE(TOP)
2 FEET	3 INCHES	2-MAN	1-MAN
4 FEET	6 INCHES	3-MAN	2-MAN

$\phi = 14' \pm 1'$

ROCKERY DETAIL
N.T.S.

2
-



ZONE A (CRITICAL ROOT ZONE)

- NO DISTURBANCE ALLOWED WITHOUT SITE-SPECIFIC INSPECTION AND APPROVAL OF METHODS TO MINIMIZE ROOT DAMAGE.
- SEVERANCE OF ROOTS LARGER THAN 2" DIA REQUIRES ENGINEER'S APPROVAL.
- TUNNELING REQUIRED TO INSTALL LINES 3'-0" BELOW GRADE OR DEEPER.

ZONE B (DRIPLINE)

- ZONE B FOR ASYMMETRICAL COLUMNAR AND NARROW CONICAL TREE FORMS. ZONE B = 1' RADIUS FOR EVERY 1" OF TRUNK DIAMETER.
- TUNNELING MAY BE REQUIRED FOR TRENCHES DEEPER THAN 3'-0".

NOTE:

- A TREE, VEGETATION, AND SOIL PROTECTION PLAN (TVSPP) IS REQUIRED FOR ALL PROJECTS. APPROVAL PF PLAN REQUIRED PRIOR TO MOBILIZATION. SEE CITY OF SEATTLE SECTION 8-01.


TREE PROTECTION DETAIL
N.T.S.

3
C-2

ONE INCH AT FULL SIZE	
REVISIONS	
REV	DATE
DRAWN BY: CHECKED BY: APPROVED BY:	
WORK ORDER #:	
DESCRIPTION	
0	3/3/2017
WORK ORDER #: 1512119	

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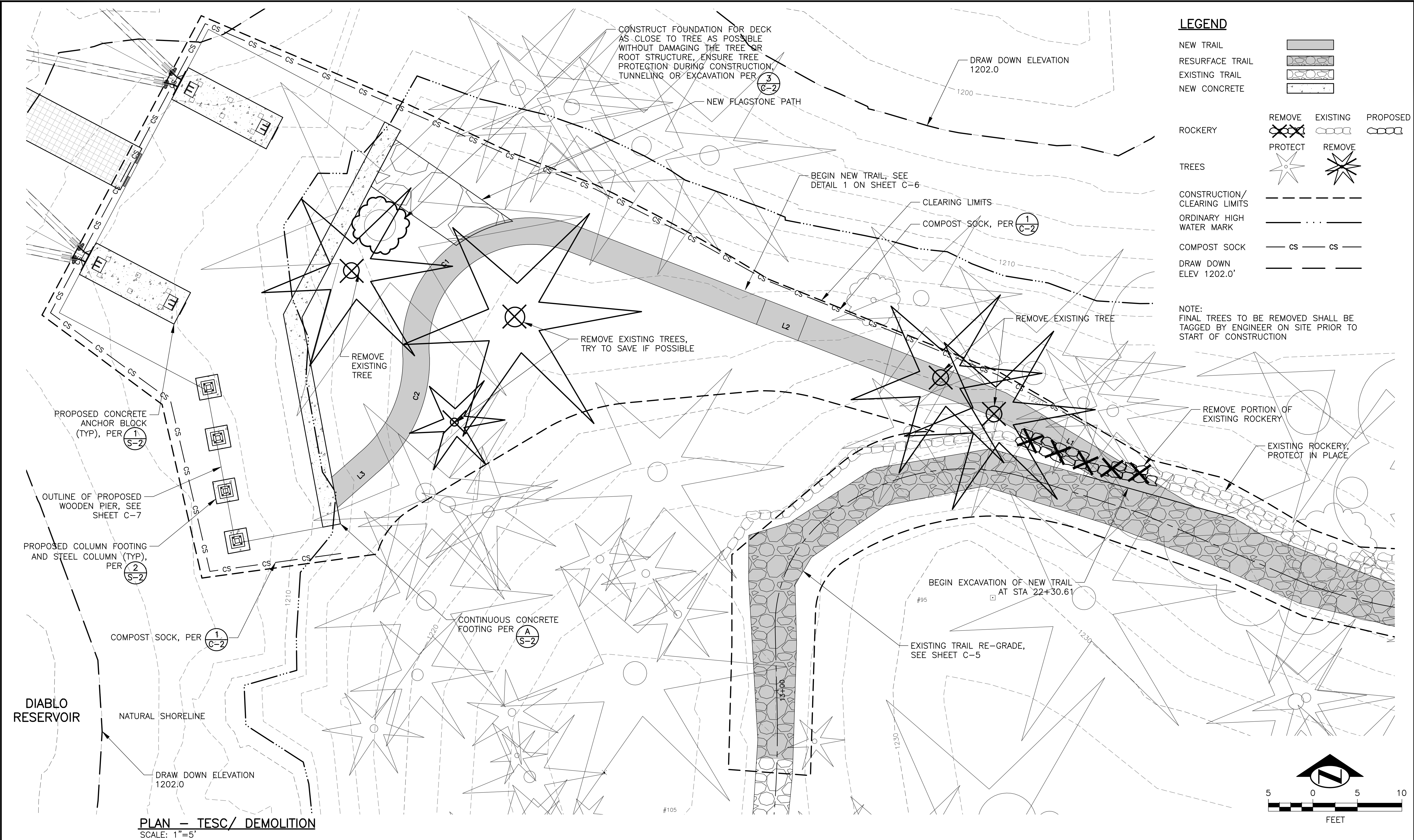
ENDORSEMENTS	
SIGNATURE	DATE
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 Seattle City Light Generation and Substations	
APPROVED FOR SEATTLE CITY LIGHT	
DATE	

SUBJECT PERMITS	
LOCATION DIABLO DAM AND RESERVOIR	
TITLE DIABLO LAKE TOUR DOCK TOUR BOAT LANDING NOTES & DETAILS	

SHEET 3 of 15	
CLASS \ SHEET C-2	
DRAWING NO. D-56514	
SCALE AS SHOWN	REV. NO. 0

I:\SHARENG\Projects\03_Projects_Skagit_Skagit Boat Facilities Program - 6540\Diablo Tour Dock Drawings\1512119-SHEETS.dwg, ANSI-D: 22x34, HERNANRA, February 9, 2018 9:07 AM



PLAN - TESC/ DEMOLITION
SCALE: 1"=5'

REVISIONS	
REV	DATE
0	3/3/2017
WORK ORDER #:	
WORK ORDER #:	

WORK ORDER #: 1512119

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ENDORSEMENTS	
SIGNATURE	DATE
DRAWN:	
CHECK:	
DESIGN:	
CHECK:	

**Seattle City Light**
Generation and Substations

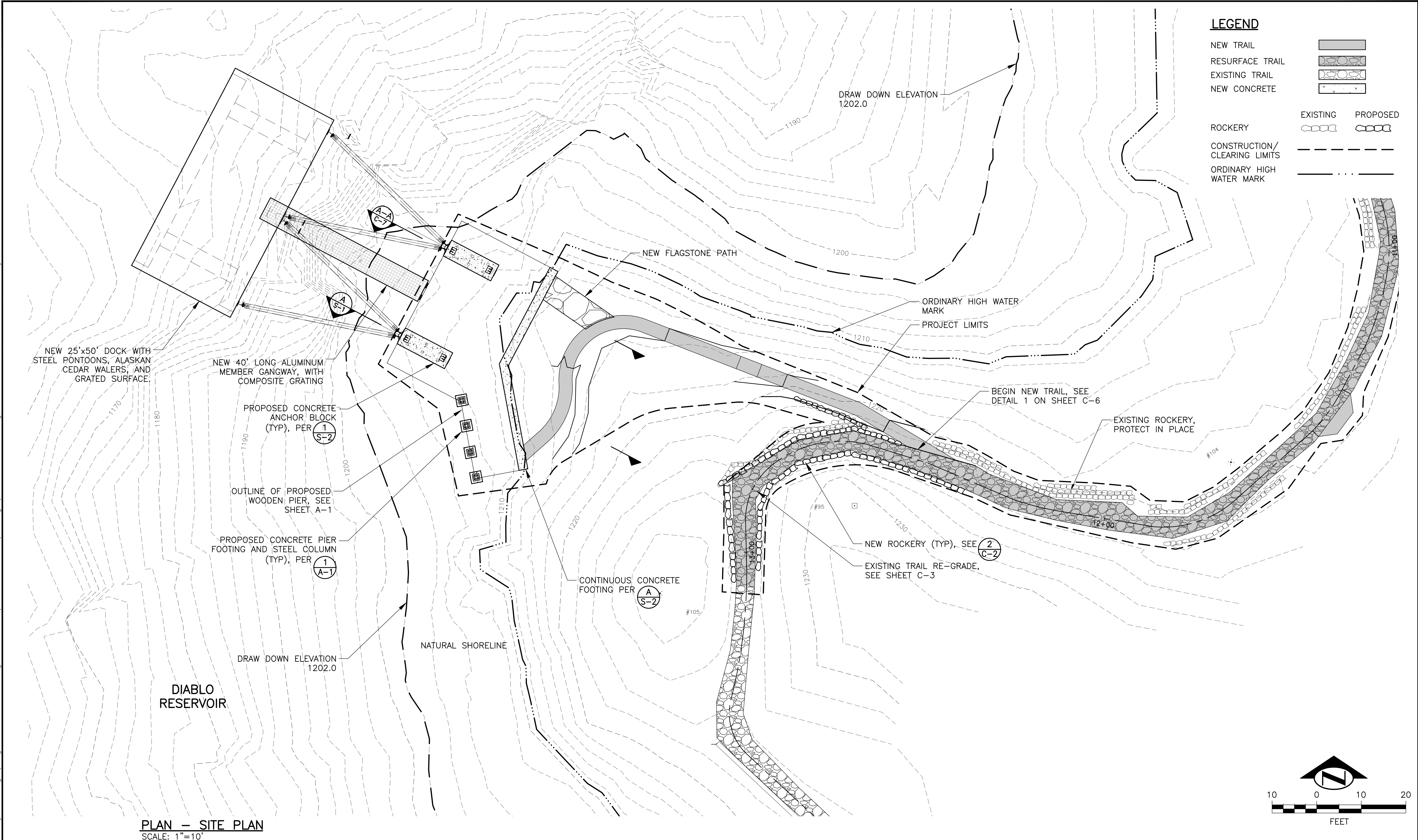
APPROVED FOR SEATTLE CITY LIGHT

DATE

PERMITS	
SUBJECT	DIABLO DAM AND RESERVOIR
LOCATION	DIABLO LAKE TOUR DOCK
TITLE	TOUR BOAT LANDING
TITLE	TESC/ DEMOLITION PLAN

SHEET 4 of 15	
CLASS \ SHEET C-3	
DRAWING NO. D-56515	
SCALE 1"=5'	REV. NO. 0

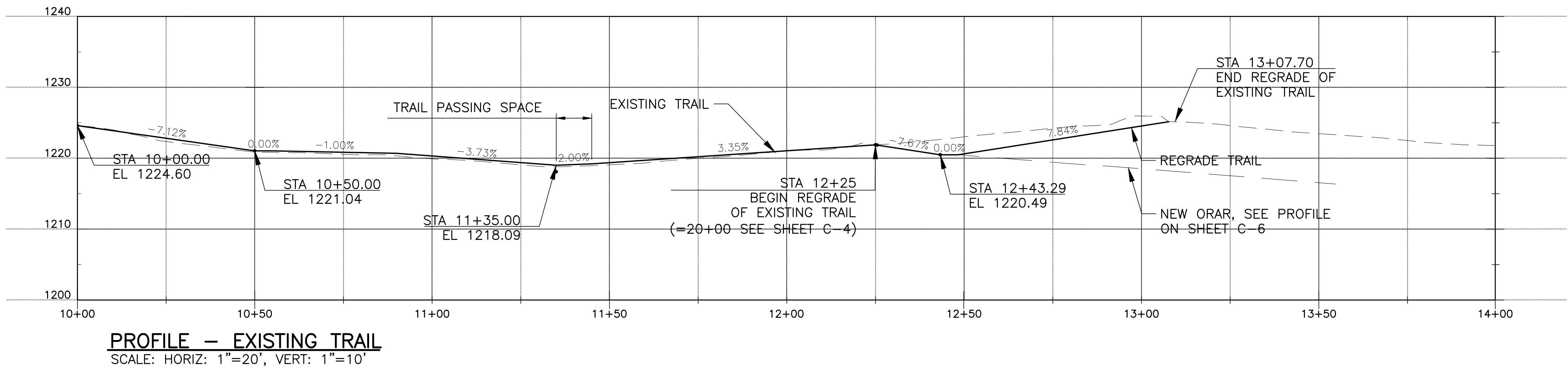
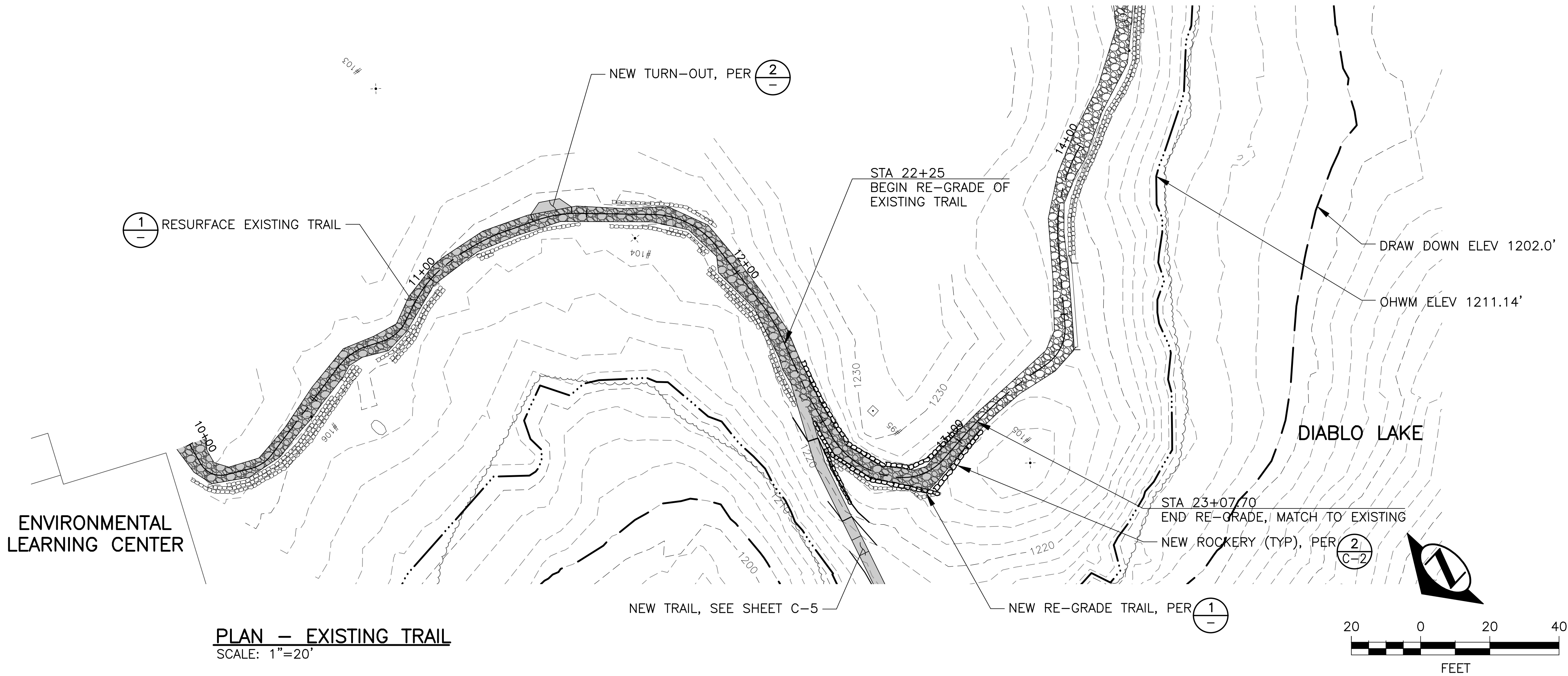
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ONE INCH AT FULL SIZE		REVISIONS		ENDORSEMENTS		 <div>Seattle City Light Generation and Substations</div>		SUBJECT		PERMITS		SHEET	
REV	DATE	IMAGE		SIGNATURE	DATE			LOCATION	DIABLO DAM AND RESERVOIR		5 OF 15		
DRAWN BY: CHECKED BY: APPROVED BY:		WORK ORDER #:		CHECK:		APPROVED FOR SEATTLE CITY LIGHT		TITLE		CLASS \ SHEET		DRAWING NO.	
0		3/3/2017		DESIGN:				DIABLO LAKE TOUR DOCK TOUR BOAT LANDING SITE PLAN		C-4		D-56516	
WORK ORDER #: 1512119				CHECK:		DATE				SCALE	REV. NO.		
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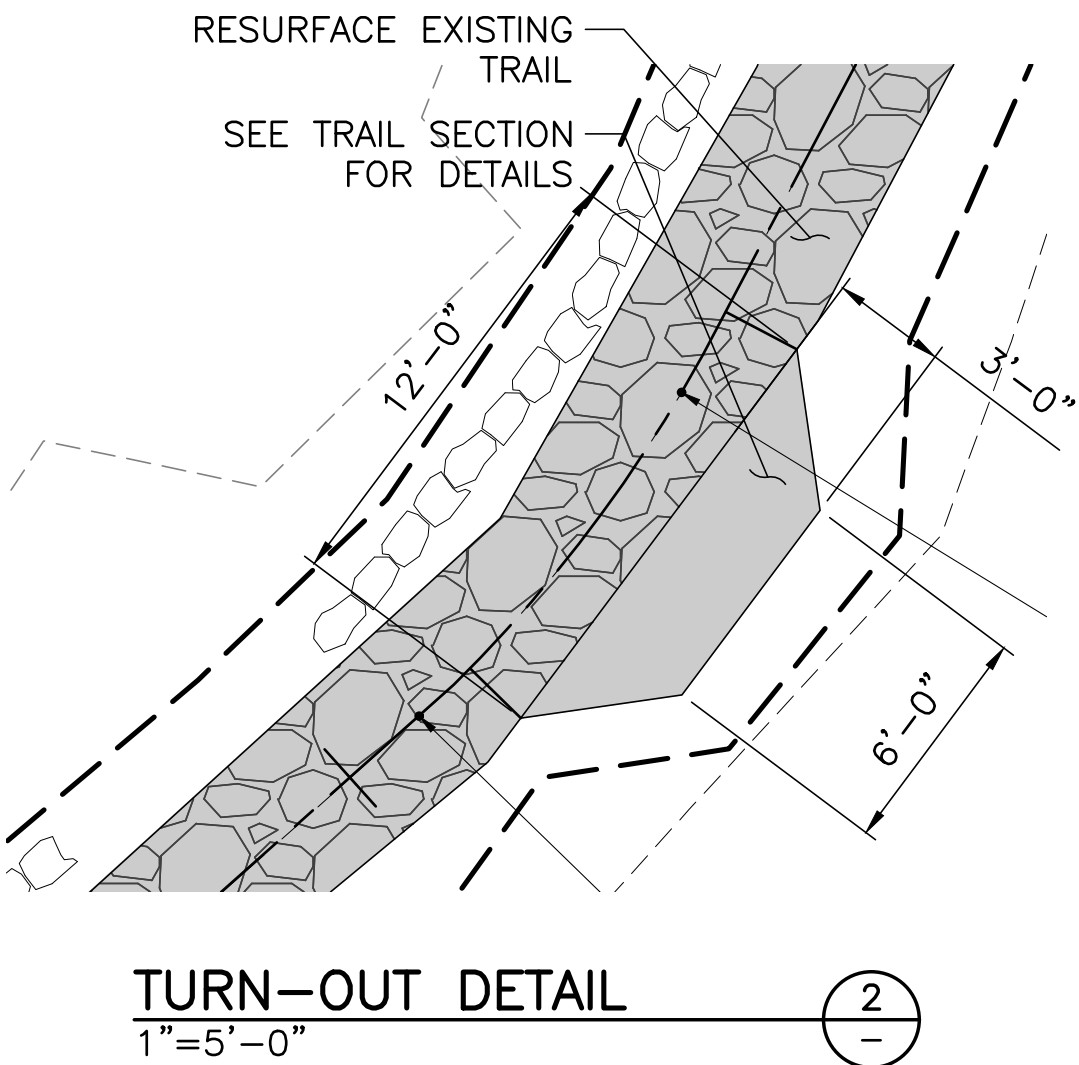
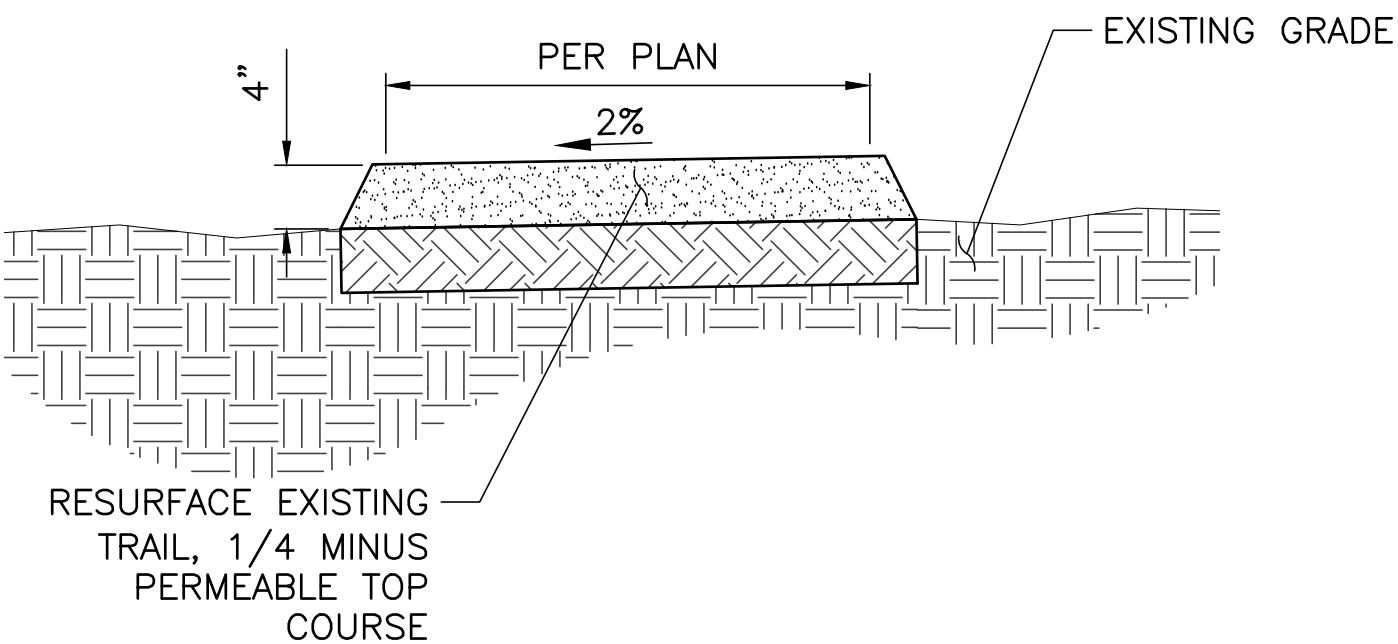
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LEGEND

- NEW TRAIL
RESURFACE TRAIL
EXISTING TRAIL
ROCKERY
ORDINARY HIGH WATER MARK
DRAW DOWN
ELEV 1202.0'



ONE INCH AT FULL SIZE	
REVISIONS	
REV	DATE
0	3/3/2017
WORK ORDER #:	
WORK ORDER #:	

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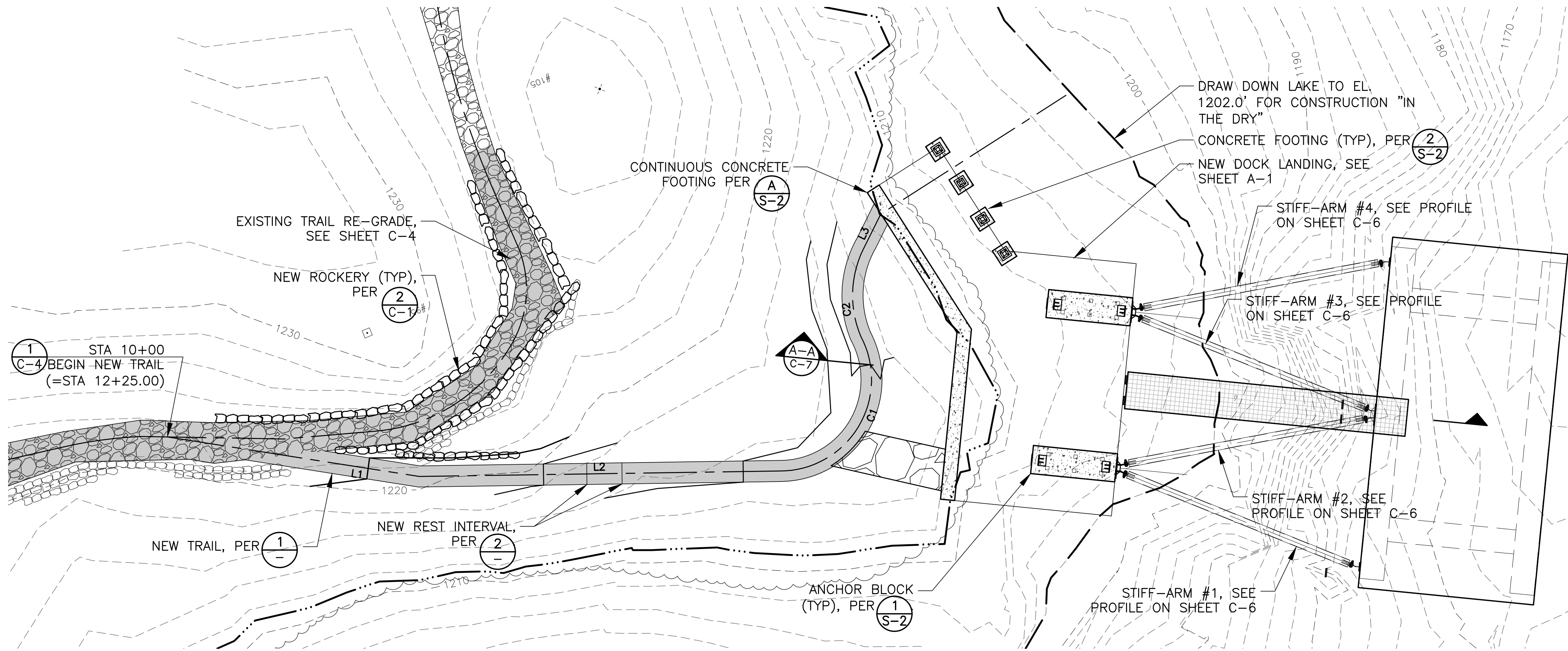
ENDORSEMENTS	
SIGNATURE	DATE
DRAWN:	
CHECK:	
DESIGN:	
CHECK:	

 Seattle City Light Generation and Substations	
APPROVED FOR SEATTLE CITY LIGHT	
DATE	

PERMITS	
SUBJECT	DIABLO DAM AND RESERVOIR
LOCATION	DIABLO LAKE TOUR DOCK
TITLE	TOUR BOAT LANDING
EXISTING TRAIL REGRADE	

SHEET 6 of 15	
CLASS / SHEET C-5	
DRAWING NO. D-56517	
SCALE AS SHOWN	REV. NO. 0

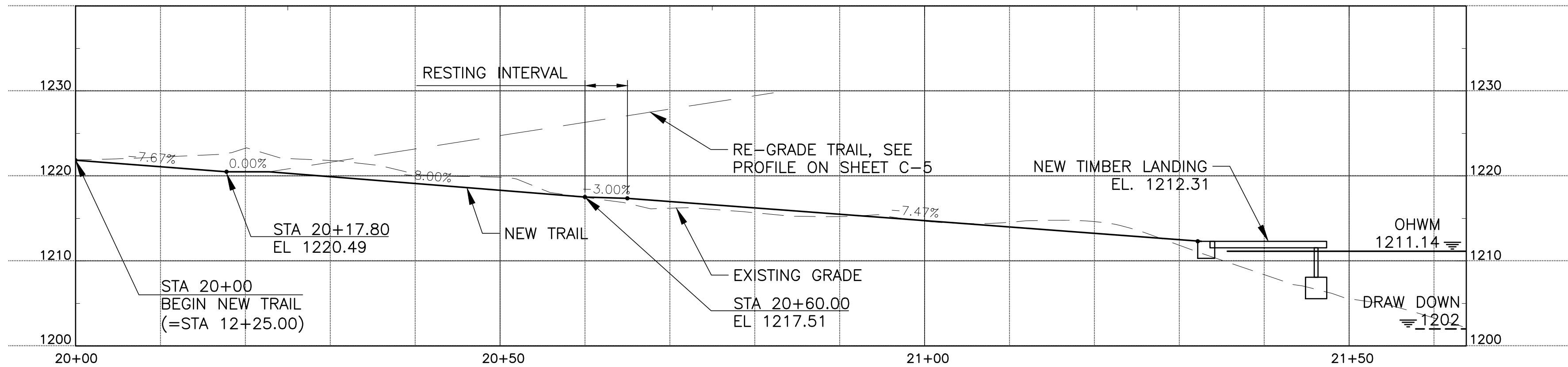
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PLAN - NEW TRAIL
SCALE: 1"=10'

NEW TRAIL CURVE DATA			
SEGMENT	LENGTH	RADIUS	DELTA
C1	26.80	13.00	118.12
C2	13.55	15.00	51.74

NEW TRAIL LINE DATA		
SEGMENT	LENGTH	DIRECTION
L1	36.23	N58° 57' 06"W
L2	51.19	N68° 44' 48"W
L3	4.83	S48° 33' 10"W



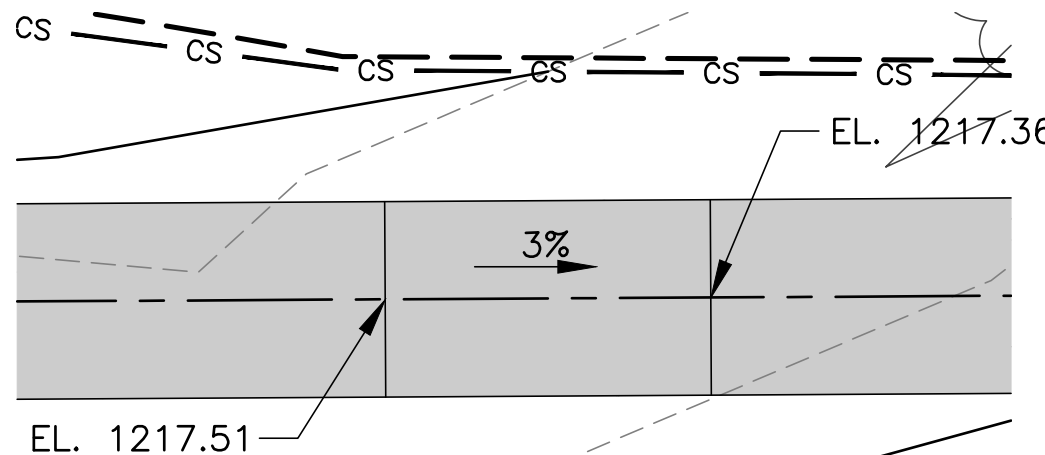
PROFILE - NEW TRAIL
SCALE: HORIZ 1"=10'
VERT 1"=10'

LEGEND

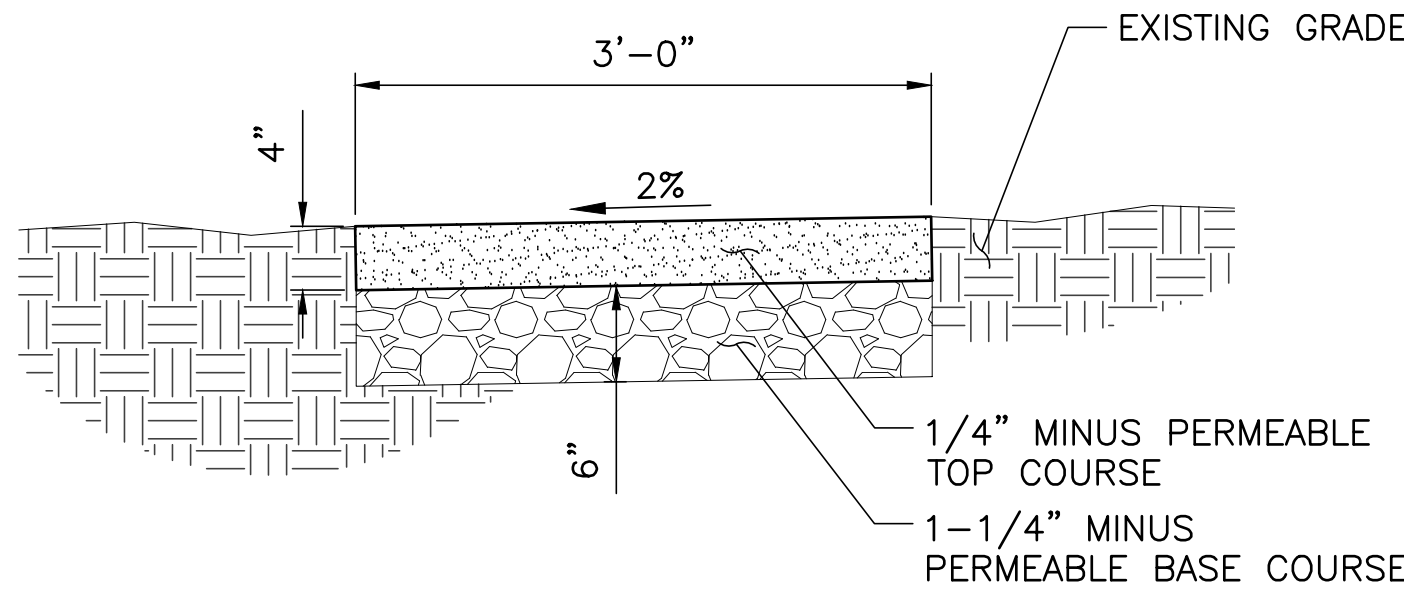
NEW TRAIL	
RESURFACE TRAIL	
EXISTING TRAIL	
CONCRETE	
ROCKERY	
CONSTRUCTION/CLEARING LIMITS	
ORDINARY HIGH WATER MARK	
DRAW DOWN ELEV 1202.0'	

NOTES:

1. ADA REST INTERVAL SHALL BE LOCATED EVERY 50 FEET
2. SHALL BE AS WIDE AS THE WIDEST SECTION LEADING TO IT



REST INTERVAL DETAIL
SCALE: 1"=1'-0"



NEW TRAIL DETAIL
SCALE: 1"=1'-0"

REVISIONS			
REV	DATE	IMAGE	DESCRIPTION
0	3/3/2017		
WORK ORDER #: 1512119			

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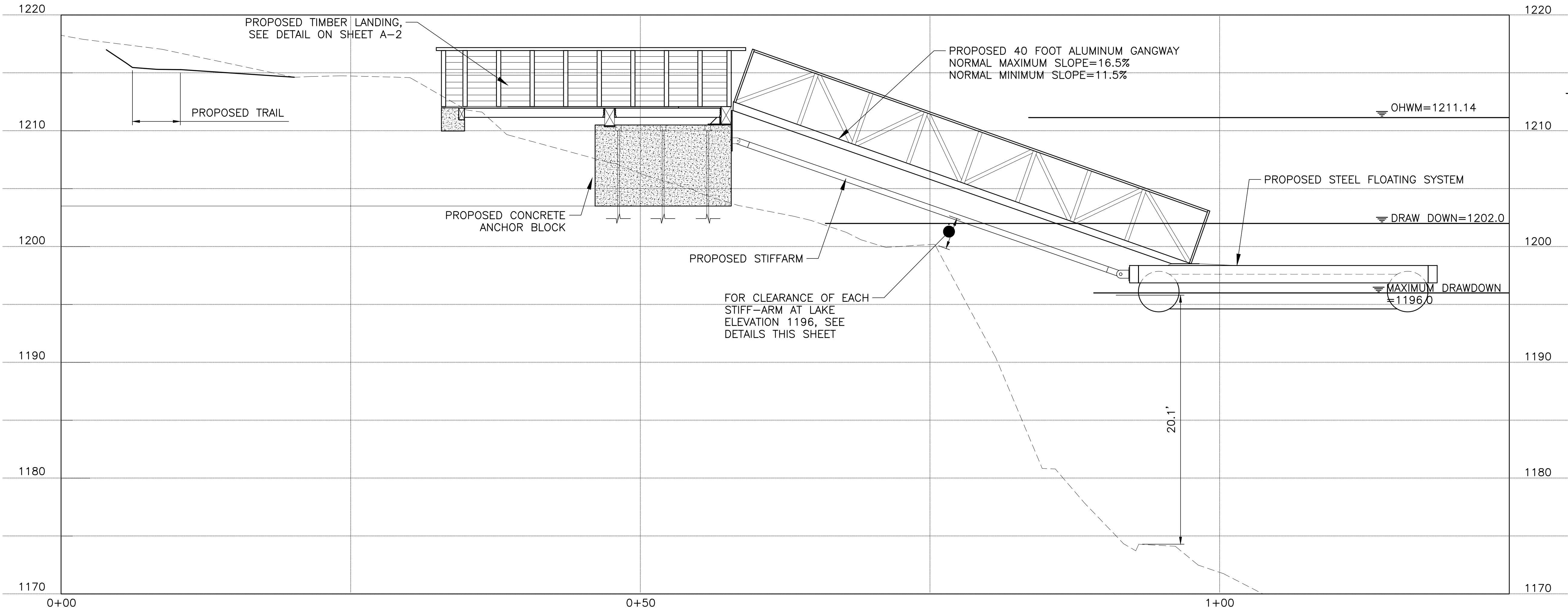
ENDORSEMENTS	
SIGNATURE	DATE
DRAWN:	
CHECK:	
DESIGN:	
CHECK:	

	Generation and Substations
APPROVED FOR SEATTLE CITY LIGHT	
DATE	

PERMITS	
LOCATION	DIABLO DAM AND RESERVOIR
TITLE	DIABLO LAKE TOUR DOCK TOUR BOAT LANDING NEW TRAIL PLAN AND PROFILE

SHEET	7 of 15
CLASS \ SHEET	C-6
DRAWING NO.	D-56518
SCALE	1"=10'
REV. NO.	0

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REFERENCES :

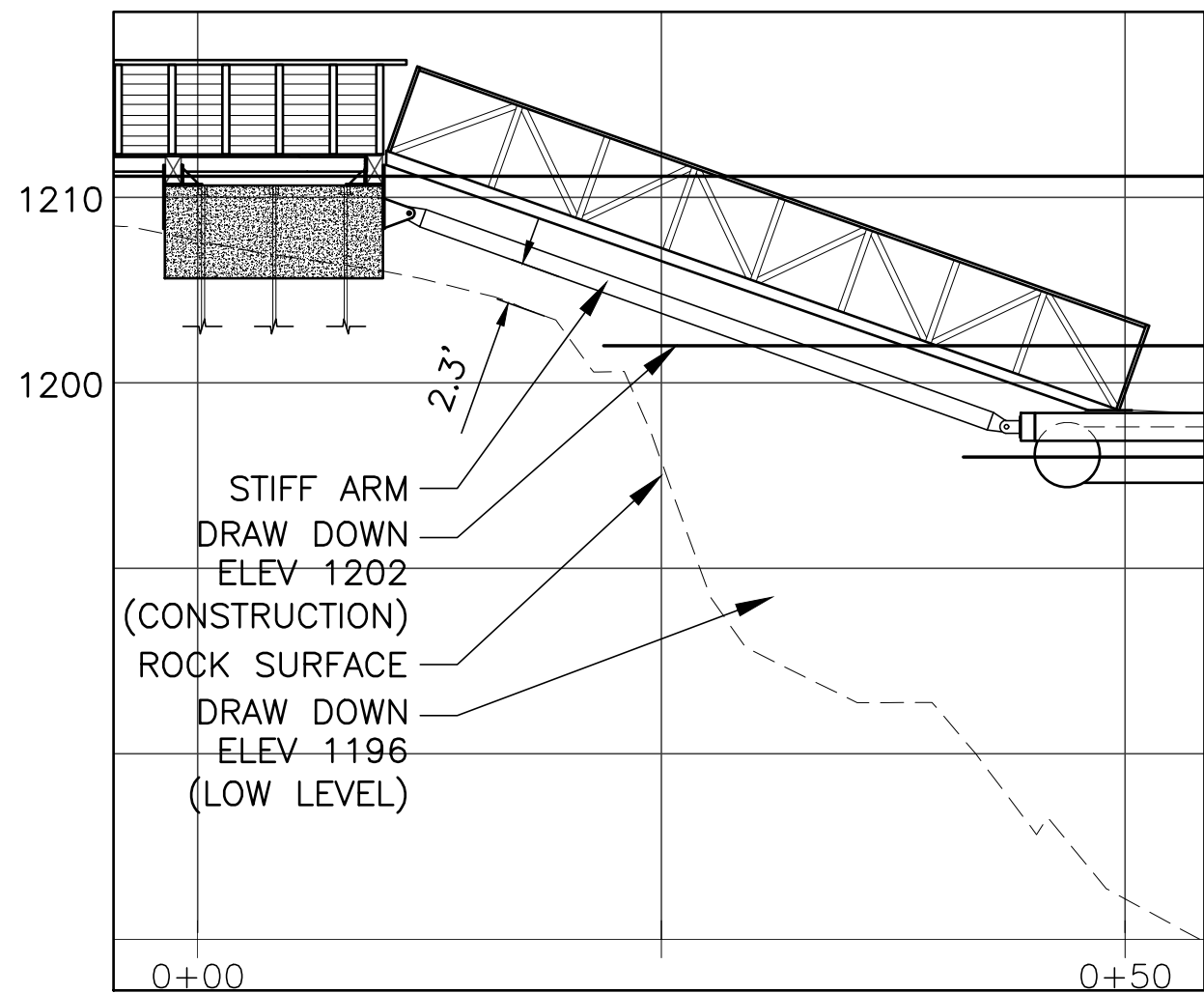
- C-1 D-30896 TOUR BOAT LANDING
SITE PLAN
S-1 D-30901 TOUR BOAT LANDING
FOUNDATION

NOTES :

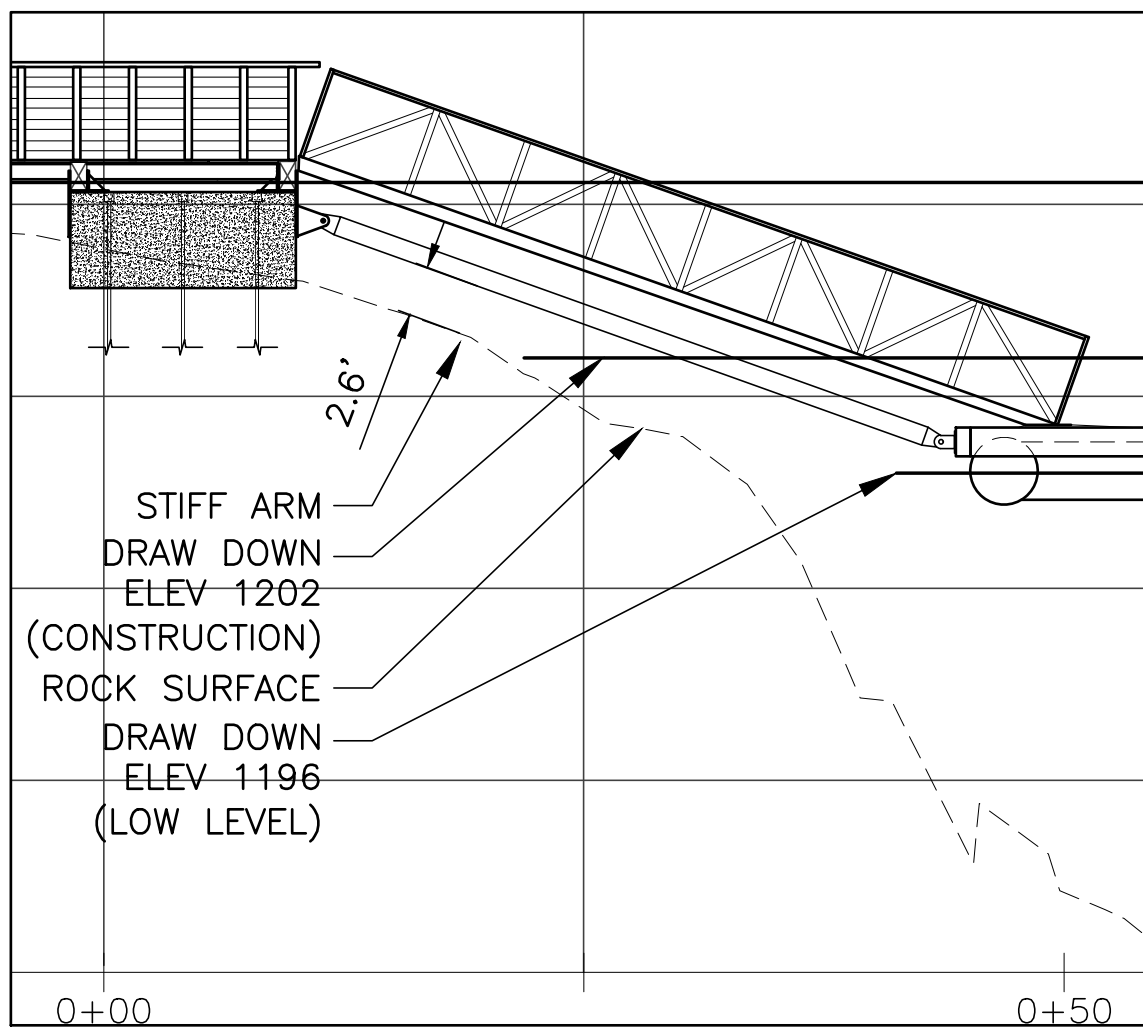
1. FOR GENERAL NOTES SEE SHEET
C-1, D-56513.
2. STIFF ARM TUBING TO BE
HERMETICALLY SEALED.

SECTION A-A (GANGWAY AND DOCK)

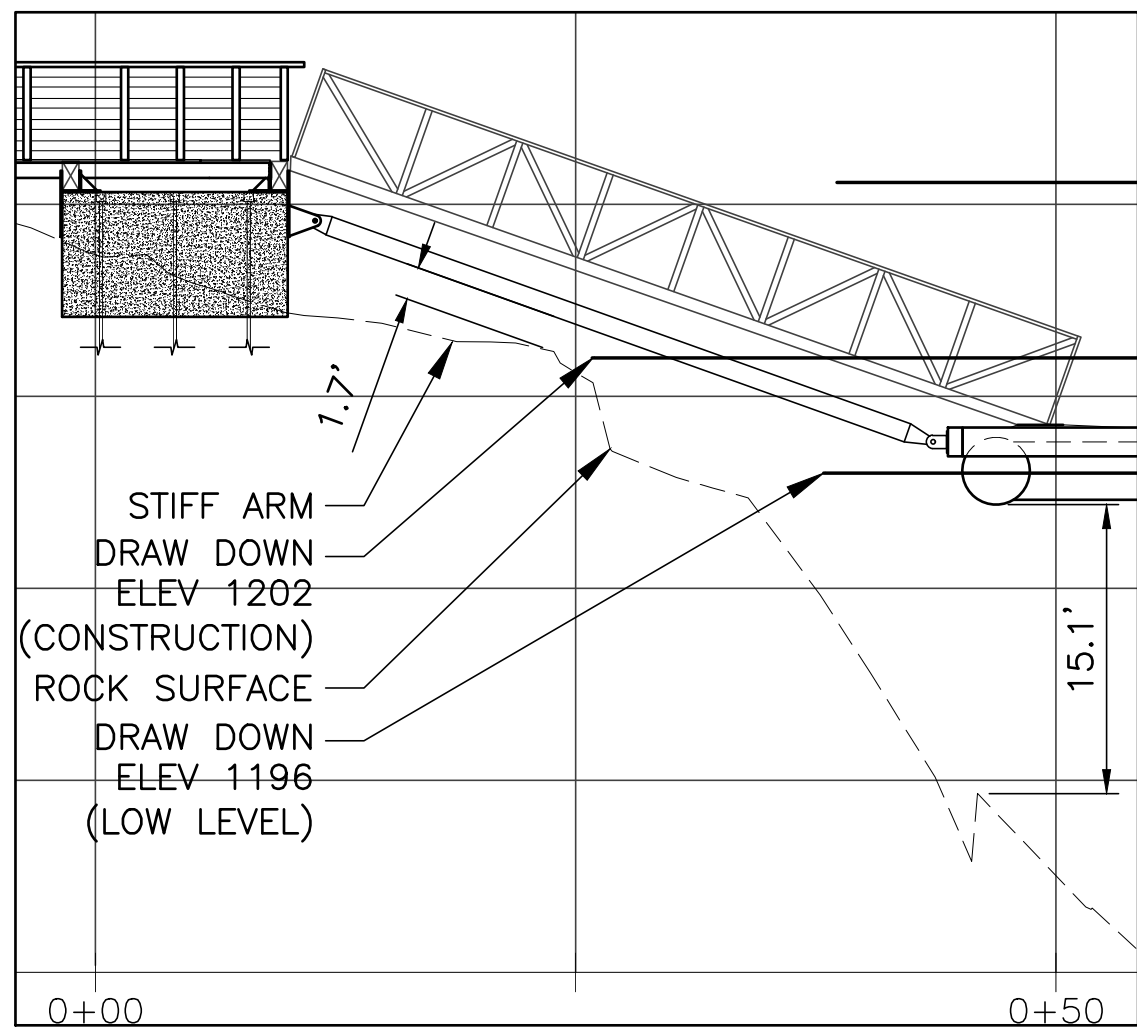
SCALE: HORIZ 1"=5'
VERT 1"=5'



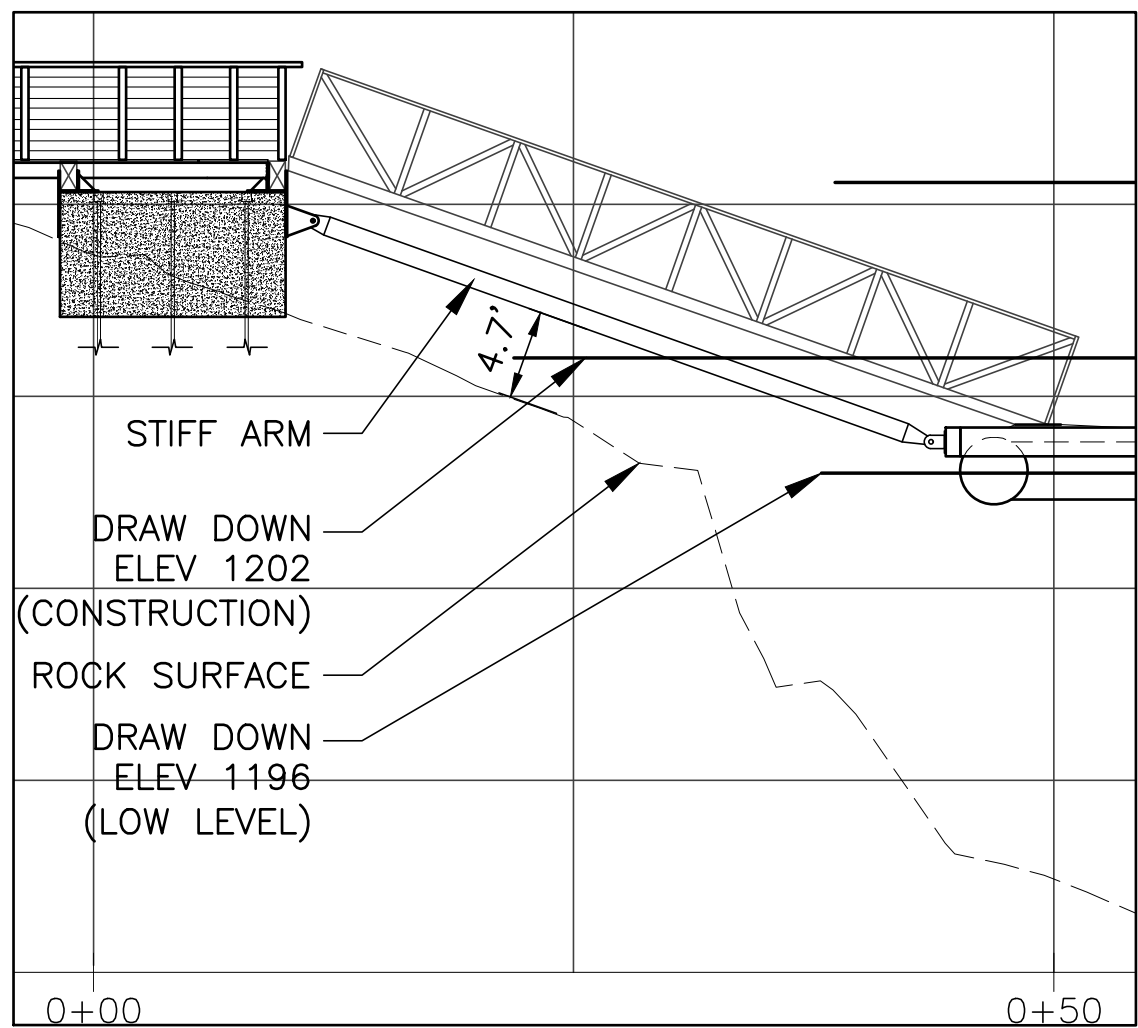
STIFF ARM #1
SCALE 1"=10'



STIFF ARM #2
SCALE 1"=10'



STIFF ARM #3
SCALE 1"=10'



STIFF ARM #4
SCALE 1"=10'

ONE INCH AT FULL SIZE	
REVISIONS	
REV	DATE
0	3/3/2017
WORK ORDER #:	
WORK ORDER #:	

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SIGNATURE	DATE
DRAWN:	
CHECK:	
DESIGN:	
CHECK:	

Seattle City Light
Generation and
Substations

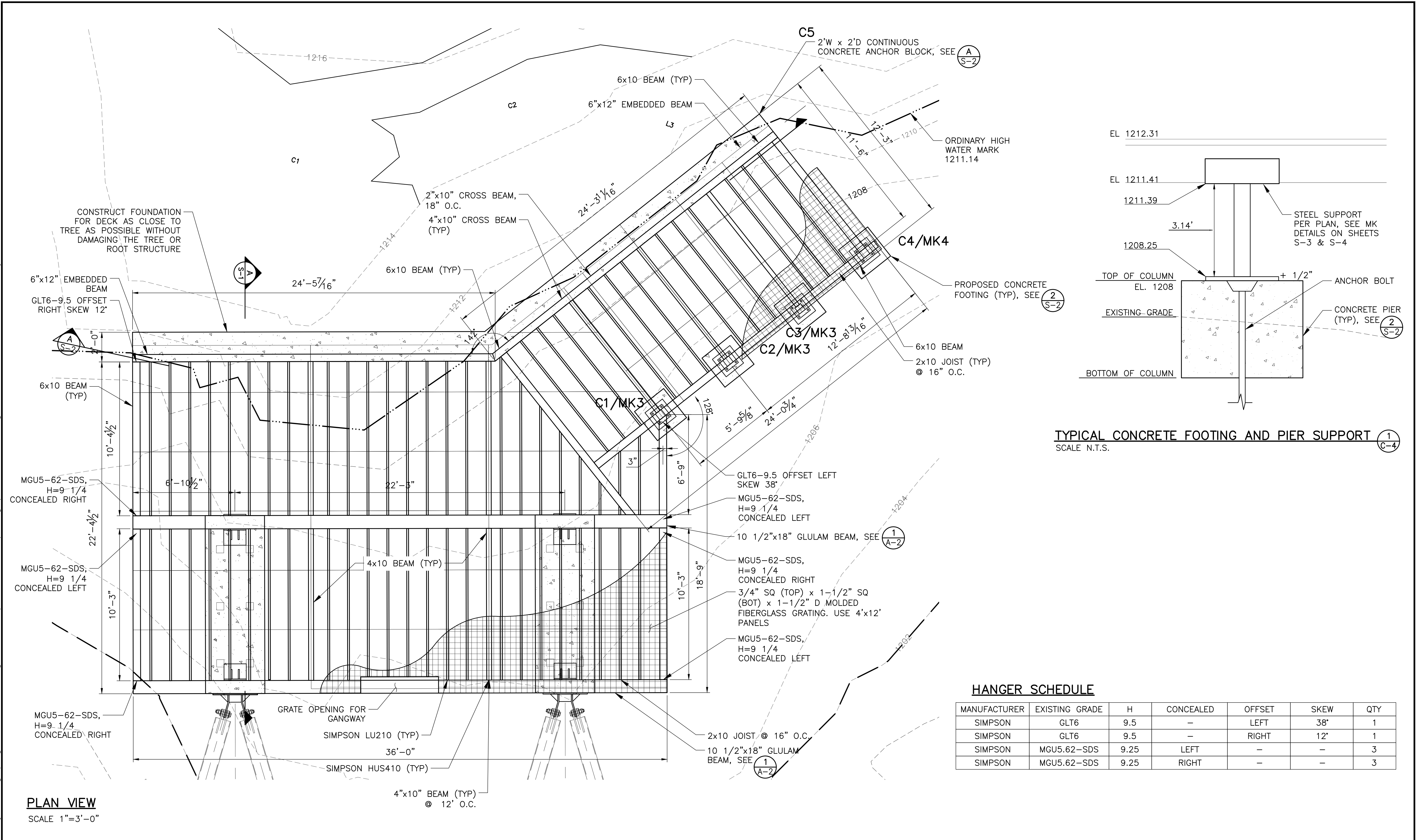
APPROVED FOR SEATTLE CITY LIGHT

DATE

SUBJECT	
PERMITS	
LOCATION	DIABLO DAM AND RESERVOIR
TITLE	DIABLO LAKE TOUR DOCK TOUR BOAT LANDING DRAW DOWN CLEARANCES


SHEET	
8 of 15	
CLASS \ SHEET	
C-7	
DRAWING NO.	
D-56519	
SCALE	REV. NO.
1"=5'	0

I:\SHAREING\Projects\03_Projects_Skagit\Skagit Boat Facilities Program - 6540\Diablo Tour Dock\Drawings\1512119-SHEETS.dwg, ANSI-D: 22x34, HERNANRA, February 9, 2018 9:07 AM



REVISIONS ONE INCH AT FULL SIZE	REV	DATE	IMAGE										
	DRAWN BY	CHECKED BY	APPROVED BY										
	WORK ORDER #	DESCRIPTION											
	0	3/3/2017											
WORK ORDER #: 1512119													
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				SIGNATURE DATE				LOCATION		CLASS \ SHEET			
DRAWN:		CHECK:		DESIGN:		CHECK:		TITLE		DRAWING NO.		REV. NO.	
								DIABLO LAKE TOUR DOCK TOUR BOAT LANDING DECK PLAN VIEW		D-56520		AS SHOWN 0	
						DATE							

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ONE INCH  AT FULL SIZE			
REVISIONS			
REV	DATE	IMAGE	
DRAWN BY: CHECKED BY: APPROVED BY:			
WORK ORDER #:			
DESCRIPTION			
0	3/3/2017		
WORK ORDER #: 1512119			

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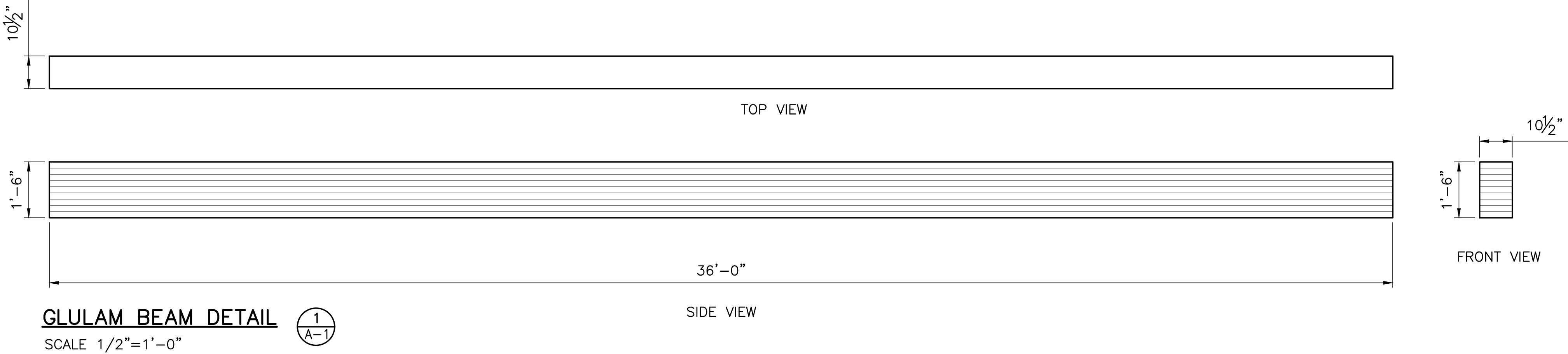


Seattle City Light
Generation and
Substations

APPROVED FOR SEATTLE CITY LIGHT	
DATE	

SUBJECT PERMITS	
LOCATION DIABLO DAM AND RESERVOIR	
TITLE DIABLO LAKE TOUR DOCK TOUR BOAT LANDING DECK DETAILS	

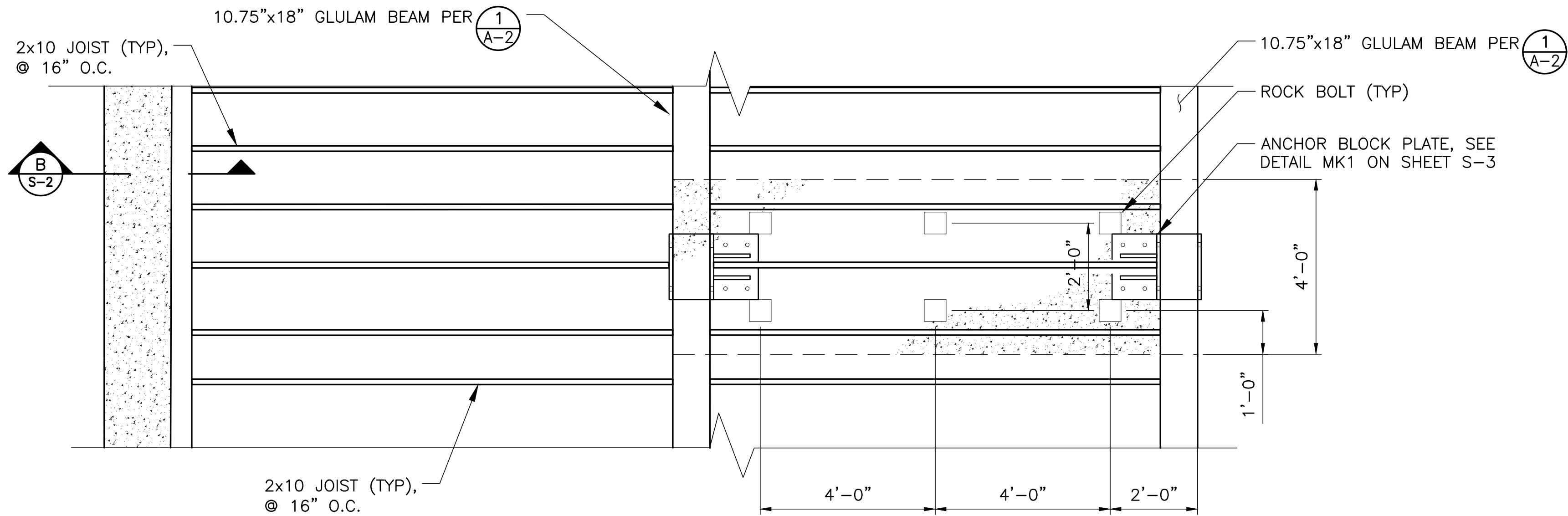
SHEET 10 of 15	
CLASS \ SHEET A-2	
DRAWING NO. D-56521	
SCALE AS SHOWN	REV. NO. 0



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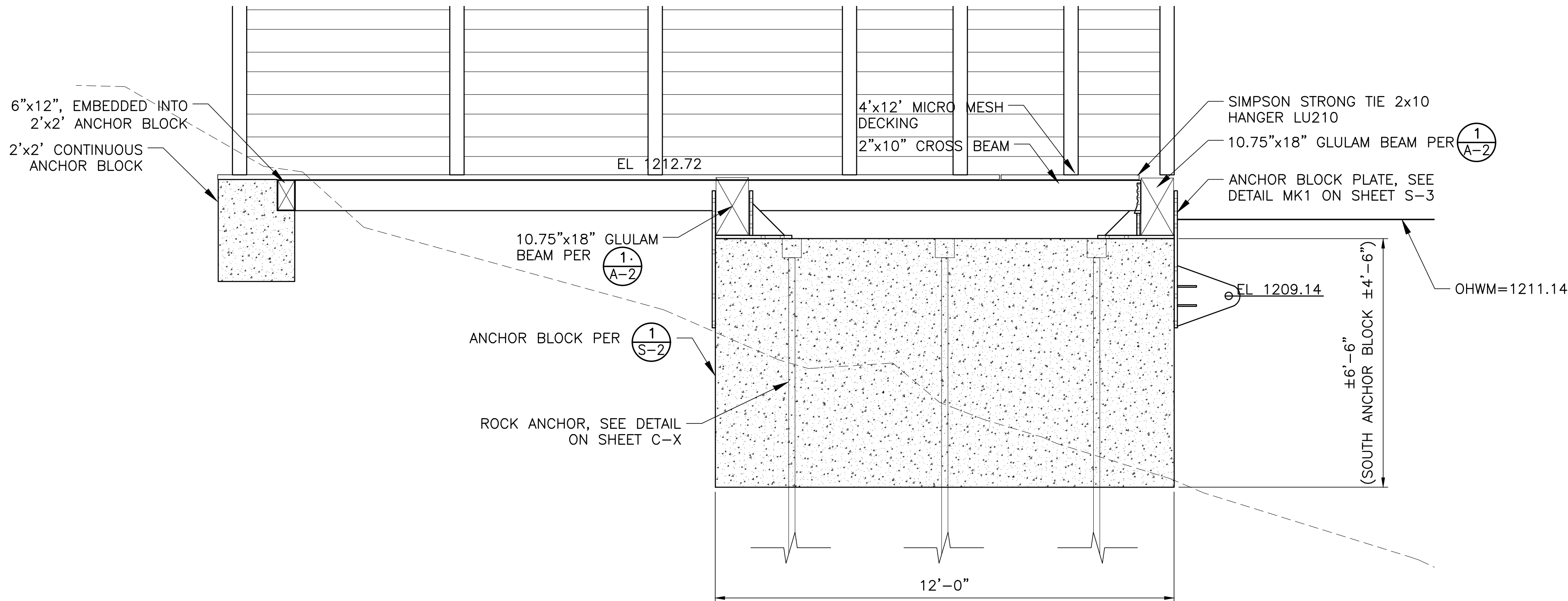
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CONCRETE



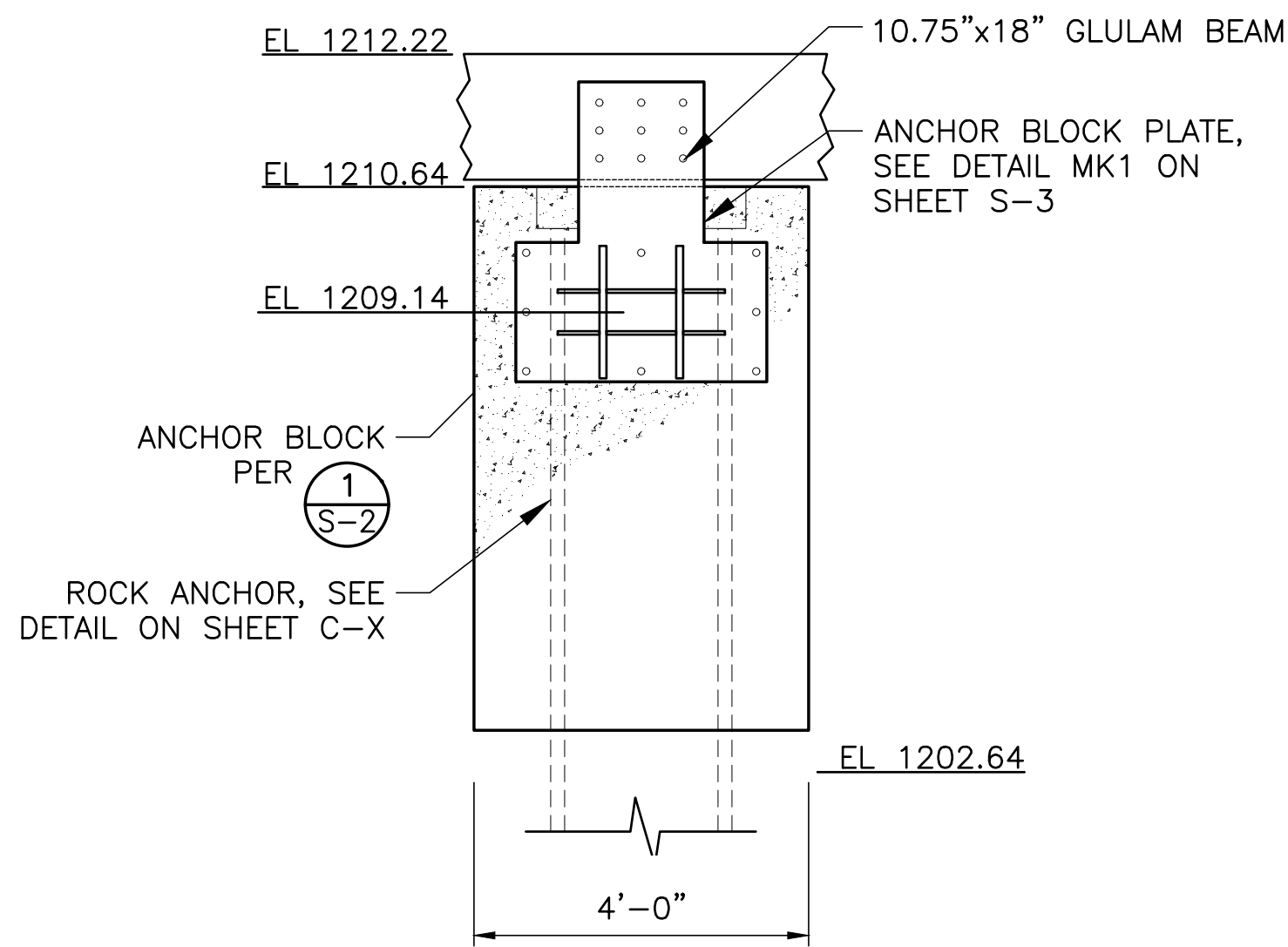
PLAN VIEW

SCALE 1/2"=1'-0"



SECTION A

SCALE 1/2"=1'-0"



FRONT

SCALE 1/2"=1'-0"

ONE INCH AT FULL SIZE	
REVISIONS	
REV	DATE
0	3/3/2017
WORK ORDER #:	
WORK ORDER #:	

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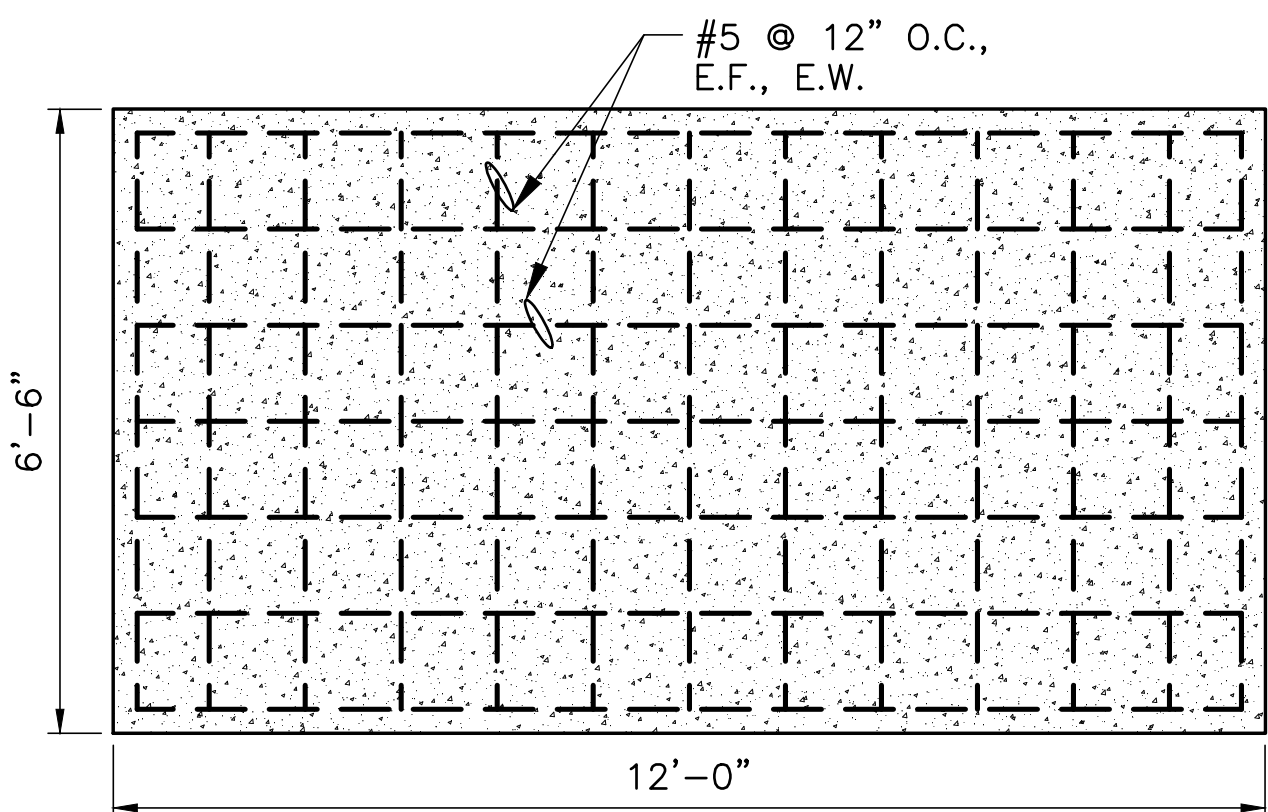
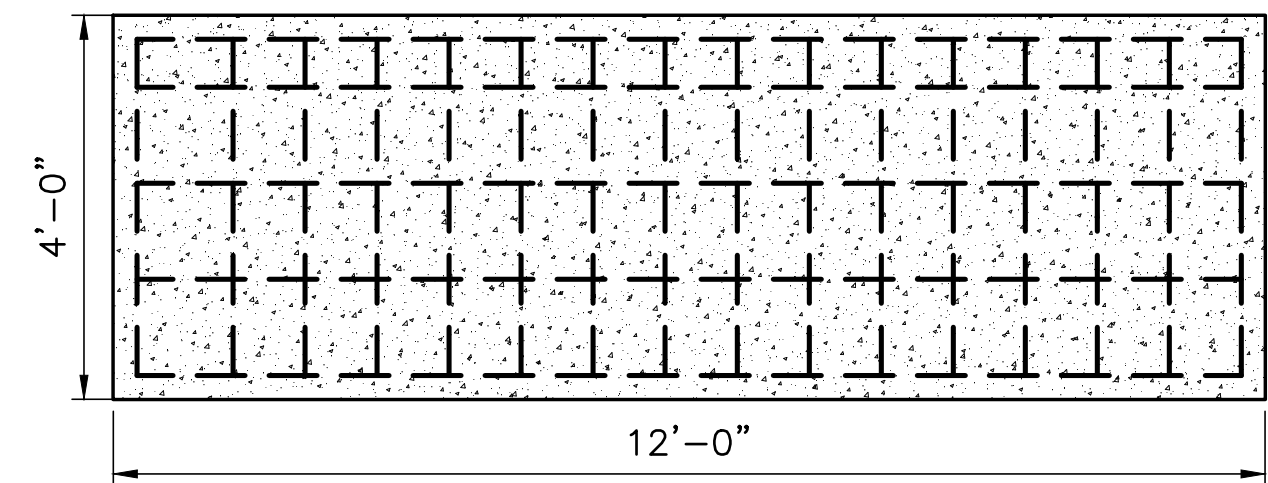
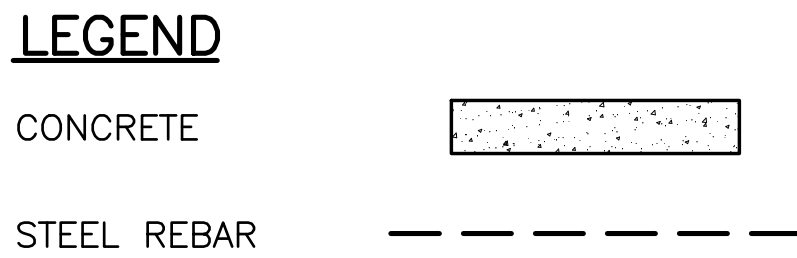
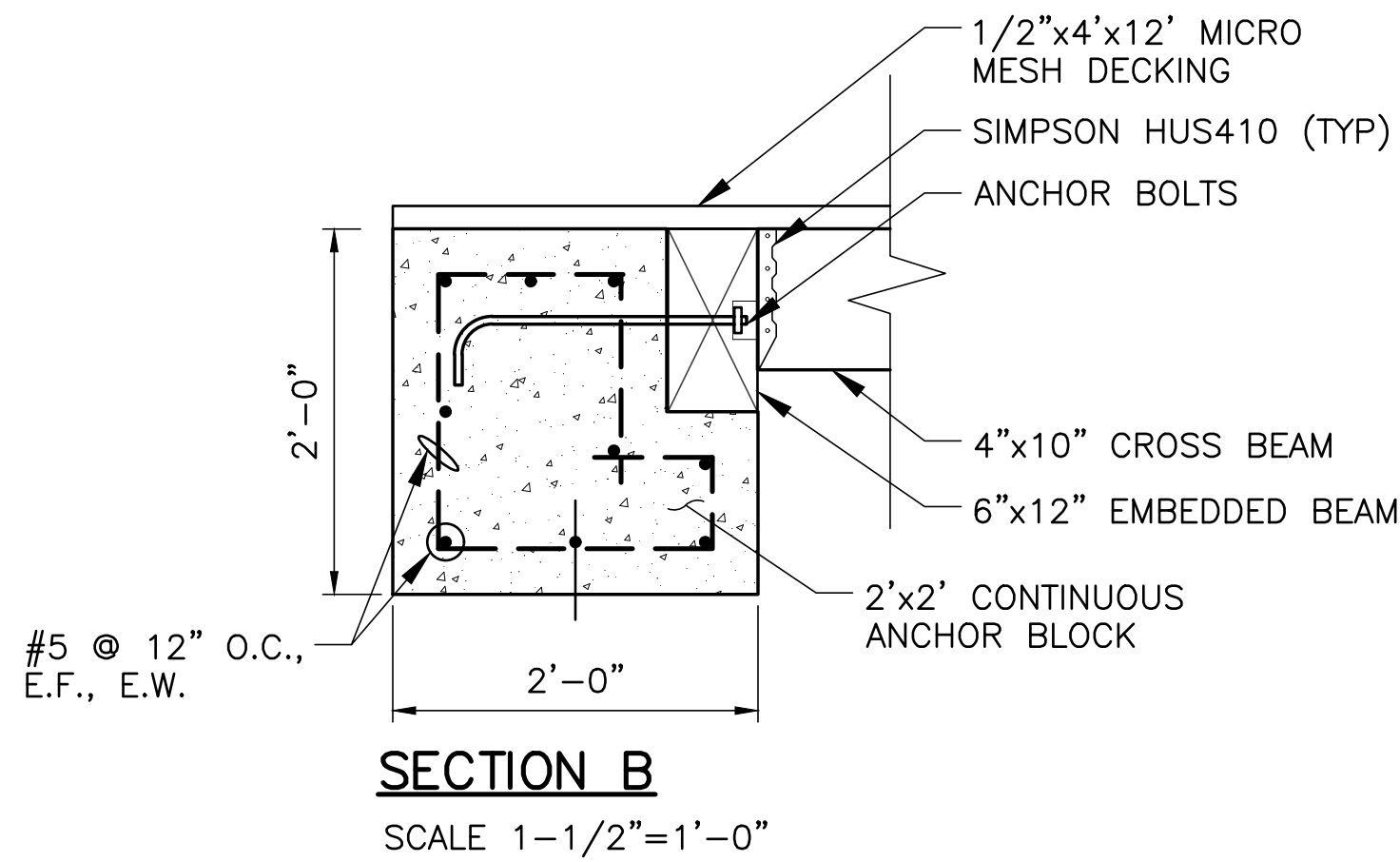
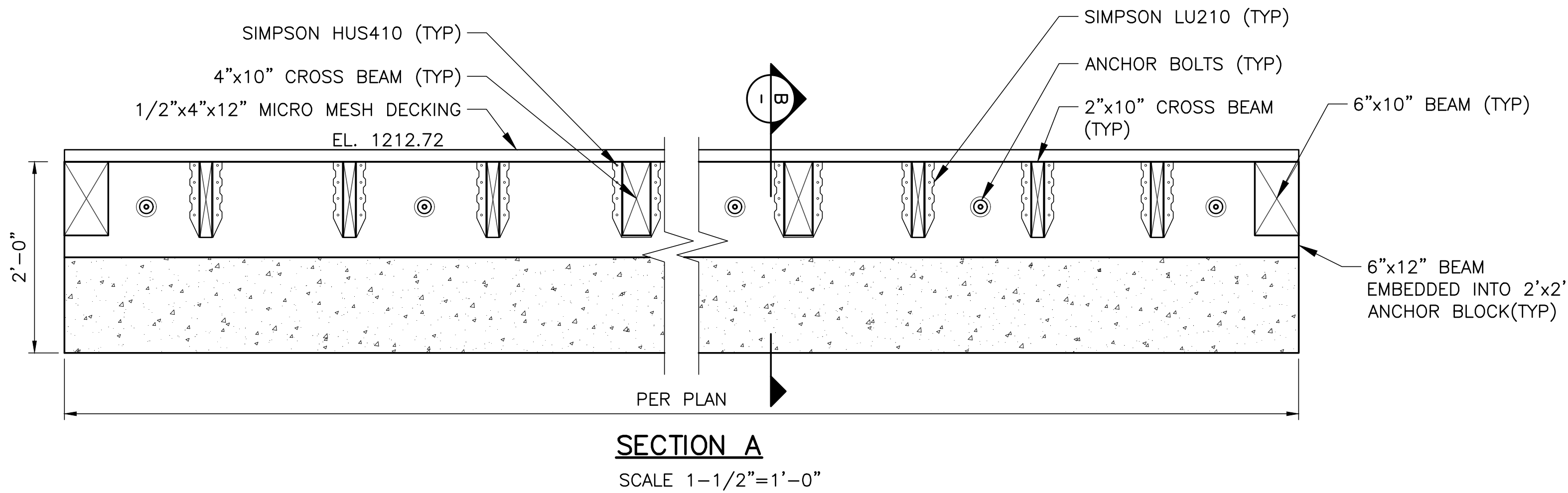
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DATE	

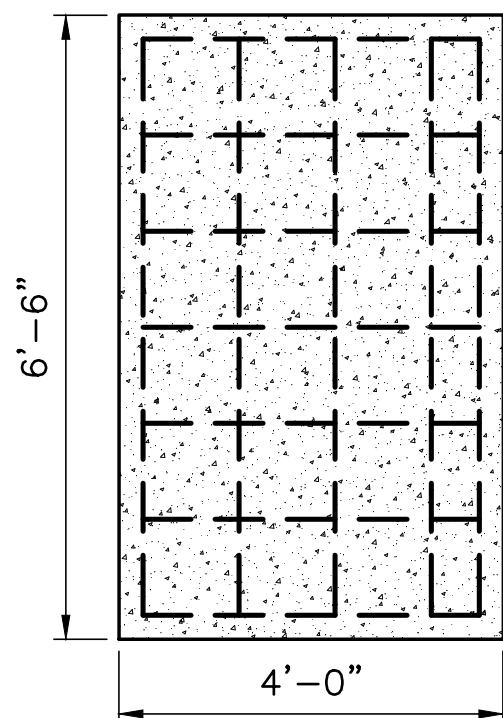
SUBJECT	
PERMITS	
LOCATION	
DIABLO DAM AND RESERVOIR	
TITLE	
DIABLO LAKE TOUR DOCK TOUR BOAT LANDING CONCRETE SECTIONS & DETAILS	

SHEET	
11 of 15	
CLASS \ SHEET	
S-1	
DRAWING NO.	
D-56522	
SCALE	REV. NO.
AS SHOWN	0

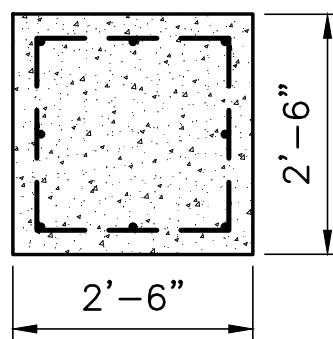
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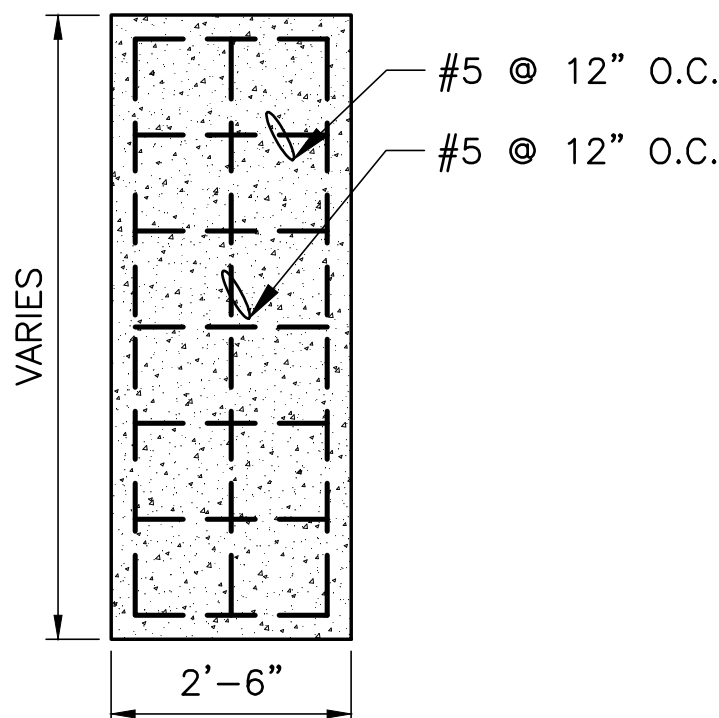
ANCHOR BLOCK STEEL (1)
SCALE 1/2"=1'-0"



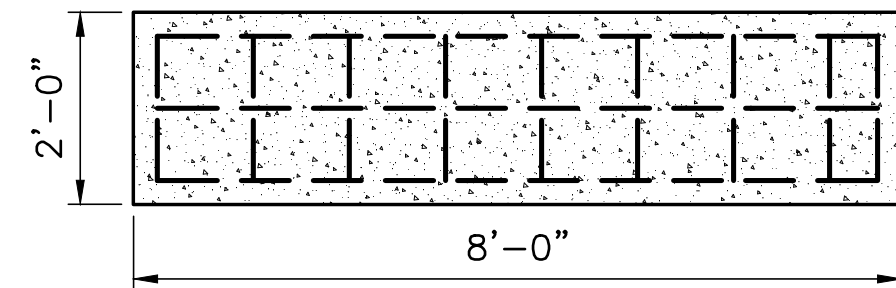
FRONT VIEW



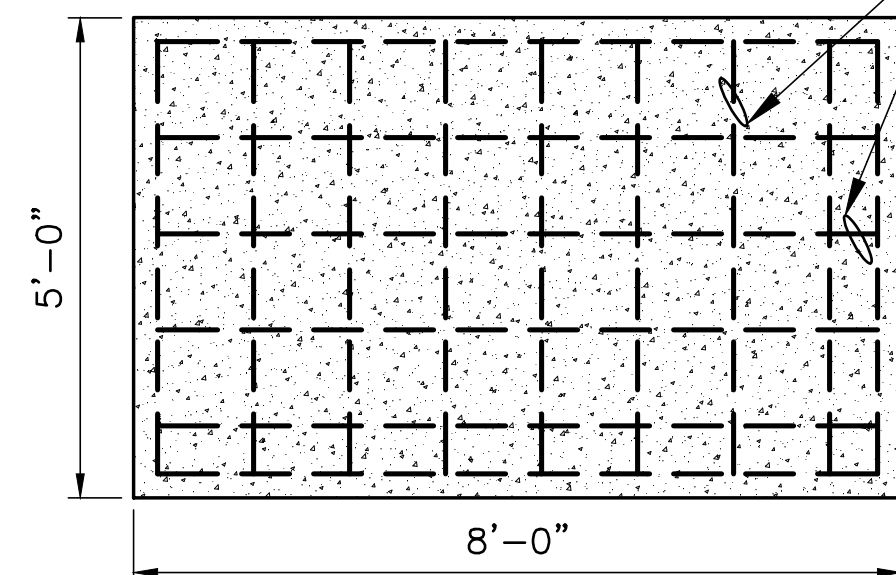
TOP VIEW



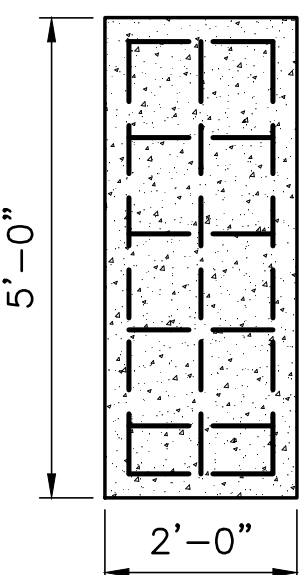
ANCHOR PIER (2)
SCALE 1/2"=1'-0"



TOP VIEW



DEADMAN ANCHOR STEEL (3)
SCALE 1/2"=1'-0"



FRONT VIEW

ONE INCH AT FULL SIZE	
REVISIONS	
REV	DATE
DRAWN BY: CHECKED BY: APPROVED BY:	
WORK ORDER #:	
0	3/3/2017
WORK ORDER #: 1512119	

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ENDORSEMENTS	
SIGNATURE	DATE
DRAWN:	
CHECK:	
DESIGN:	
CHECK:	

Seattle City Light
Generation and Substations

APPROVED FOR SEATTLE CITY LIGHT

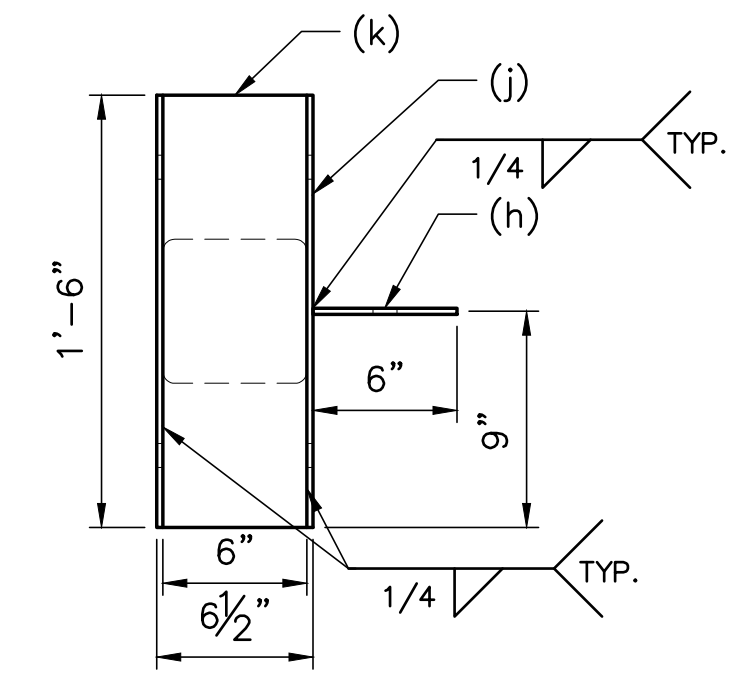
DATE

SUBJECT	
PERMITS	
LOCATION	DIABLO DAM AND RESERVOIR
TITLE	DIABLO LAKE TOUR DOCK TOUR BOAT LANDING CONCRETE SECTIONS & DETAILS

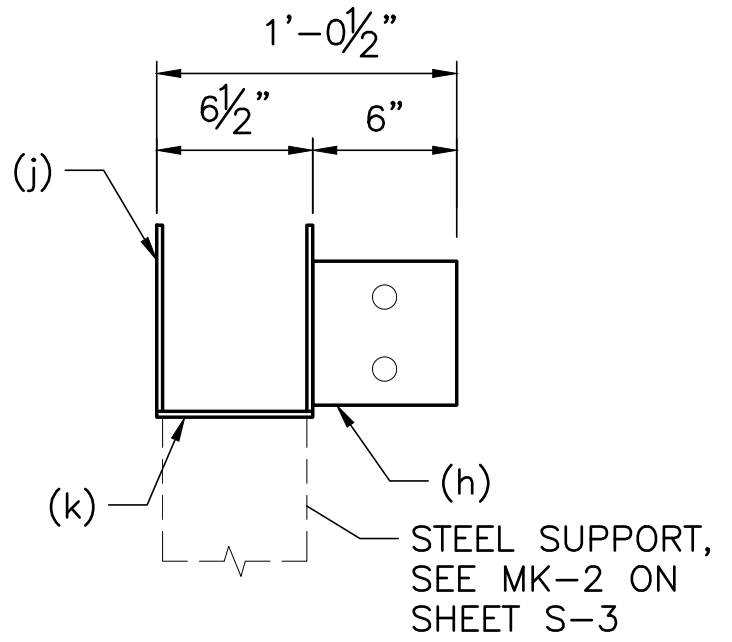
SHEET	
12 of 15	
CLASS \ SHEET	
S-2	
DRAWING NO.	
D-56523	
SCALE	REV. NO.
AS SHOWN	0

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ONE INCH AT FULL SIZE	
REVISIONS	
REV	DATE
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WORK ORDER #:	
DESCRIPTION	
0 3/3/2017	
WORK ORDER #: 1512119	



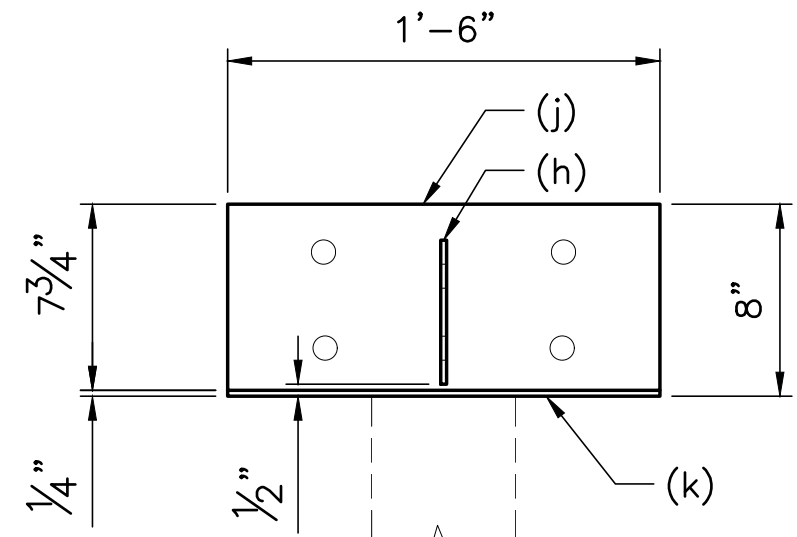
TOP



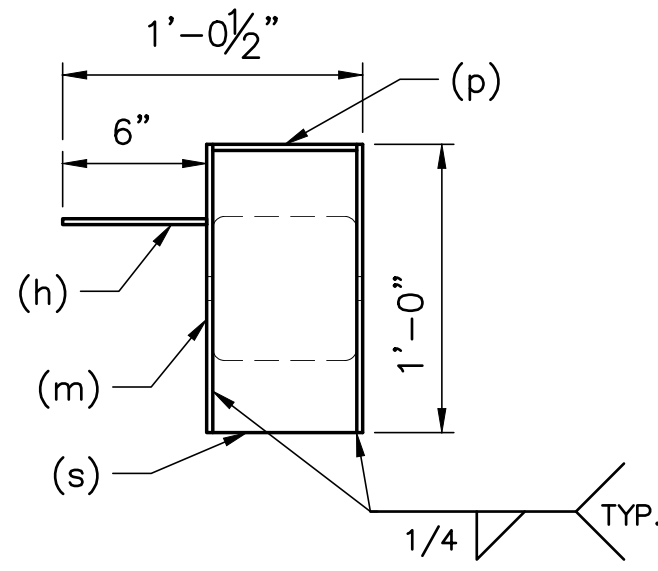
FRONT

DECK SUPPORT PLATE – MK4

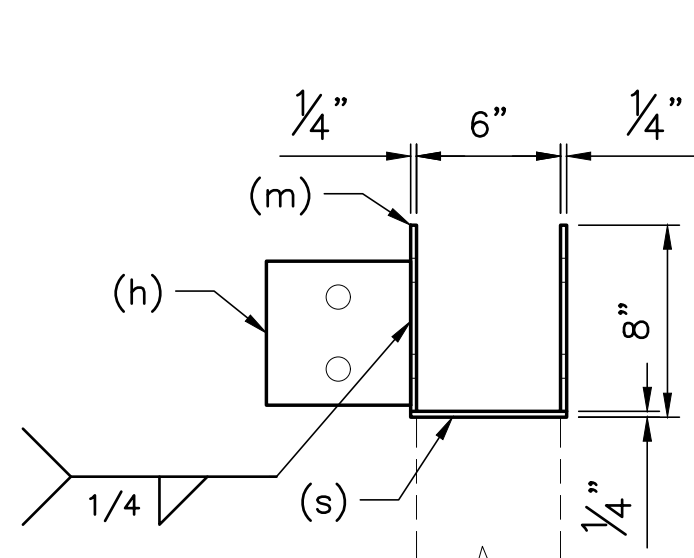
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ELEVATION



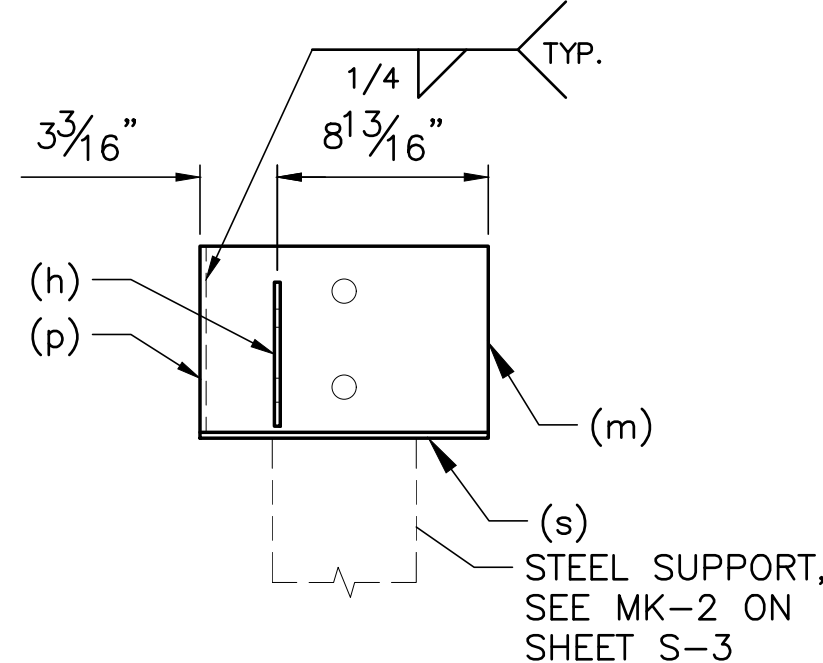
TOP



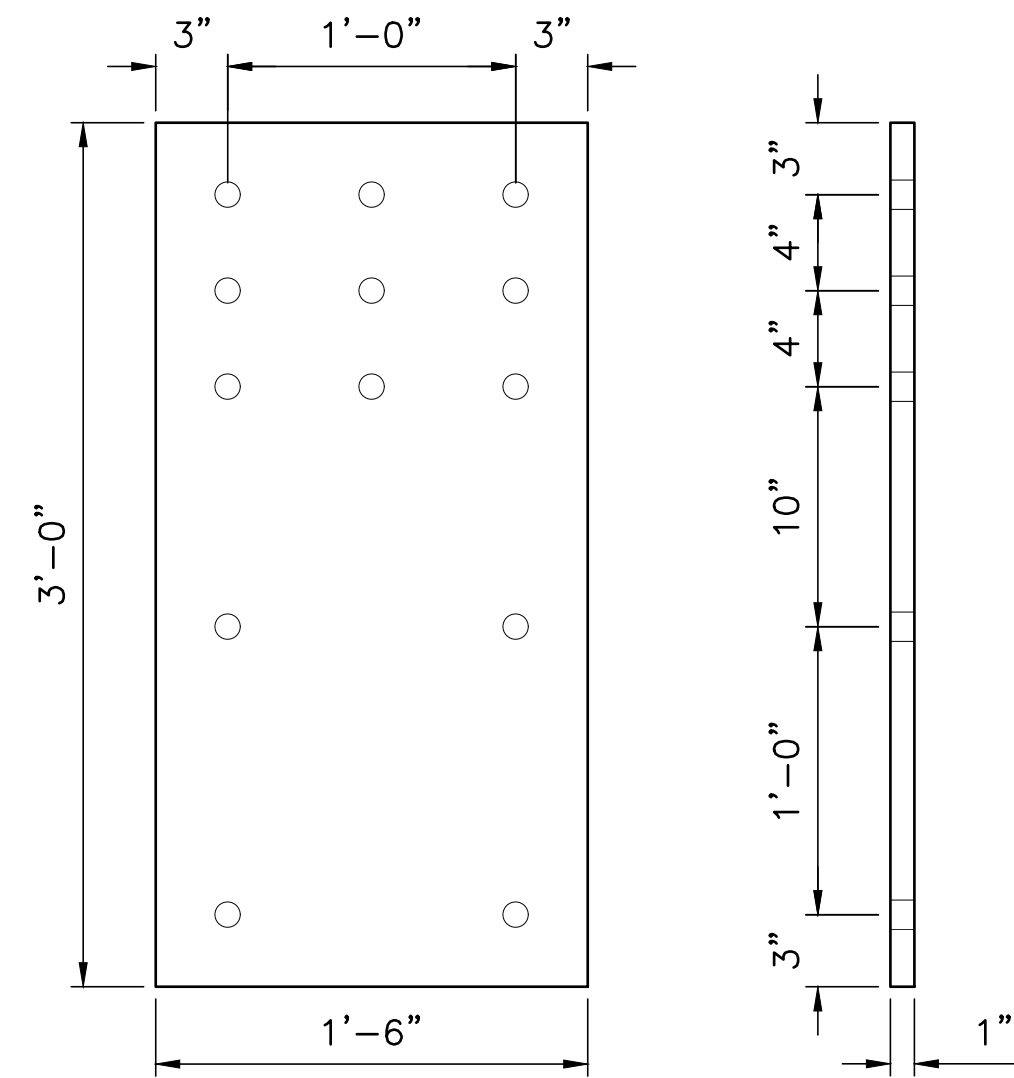
FRONT

DECK SUPPORT PLATE – MK5

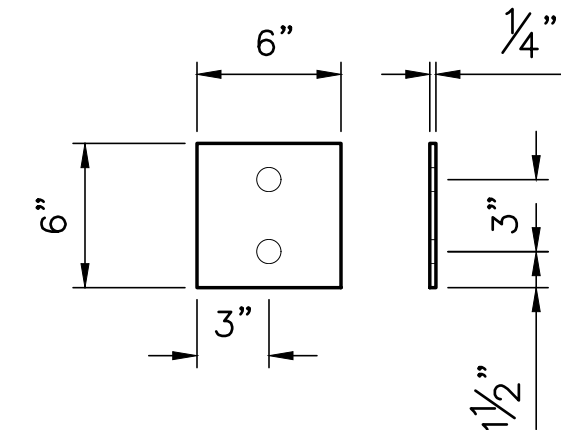
SCALE 1 1/2"=1'-0"



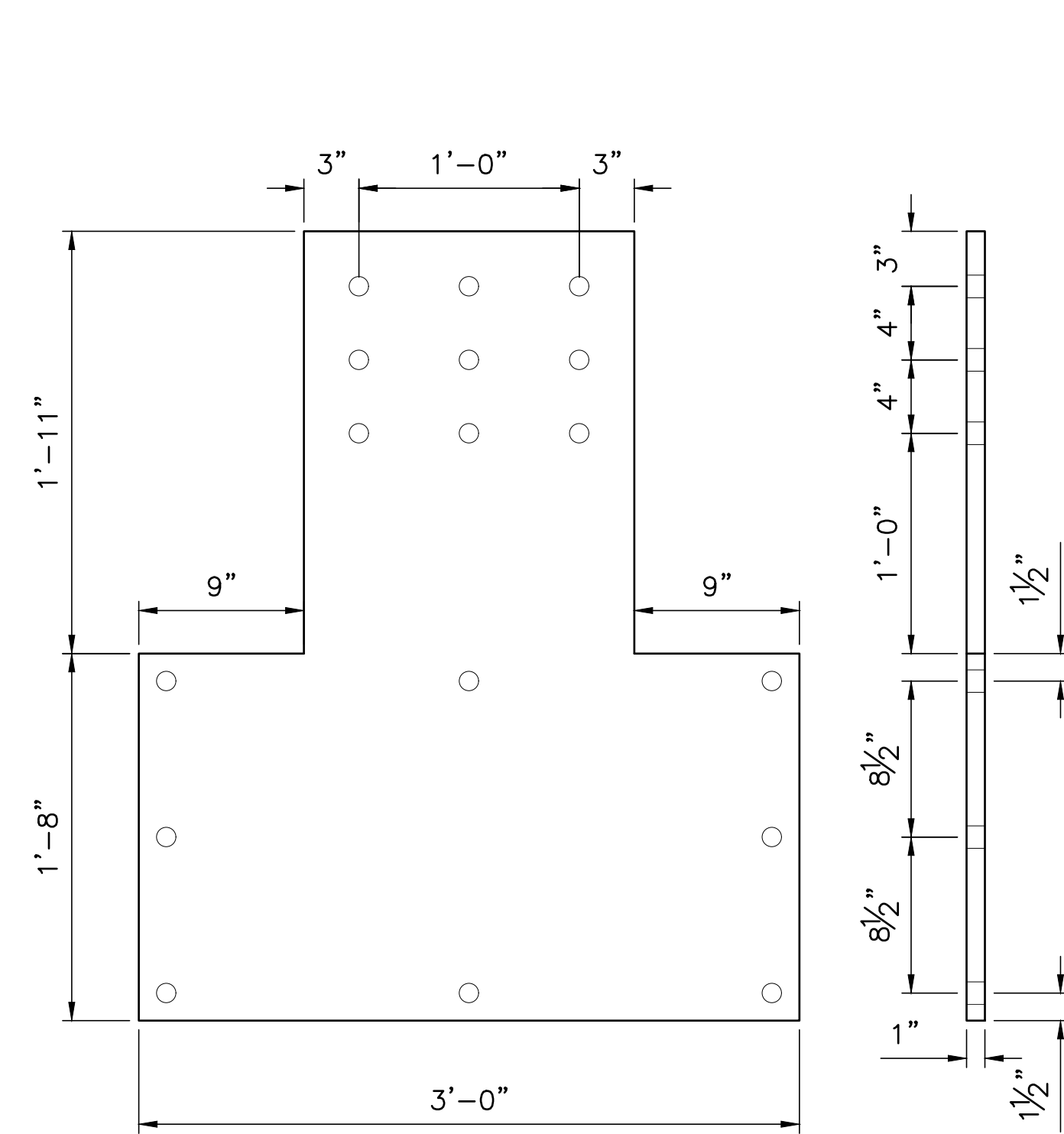
ELEVATION



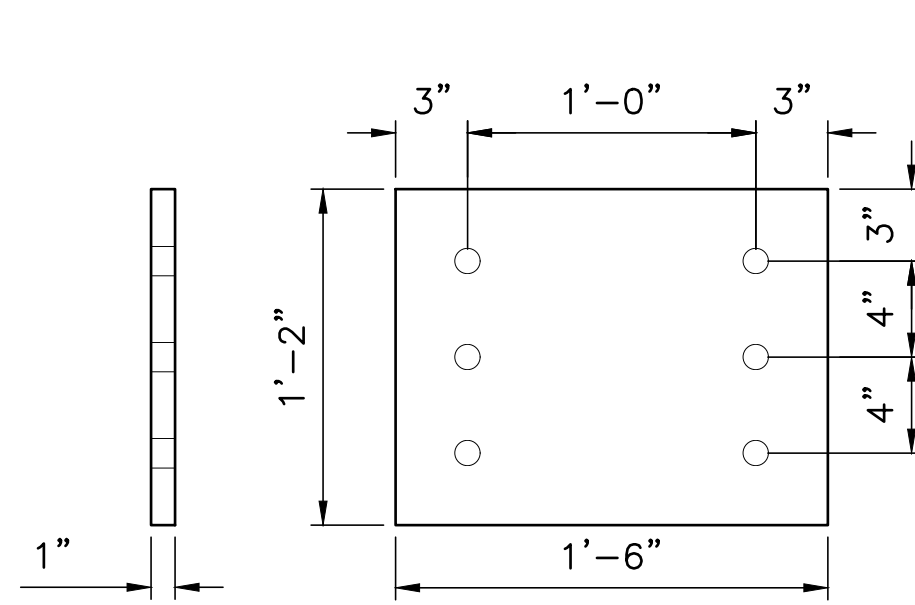
(e) PL 1/4" x 3'-6"x 1'-6"
1-1/2"=1'-0"



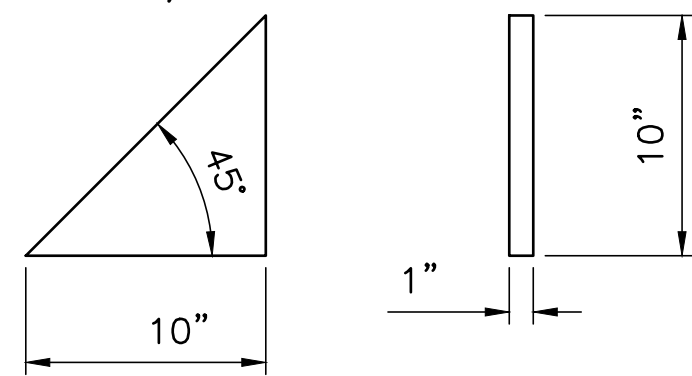
(h) PL 1/4" x 6"x 6"
1-1/2"=1'-0"



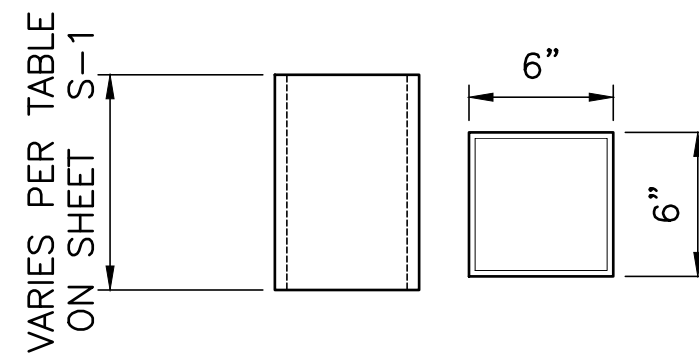
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1-1/2"=1'-0"



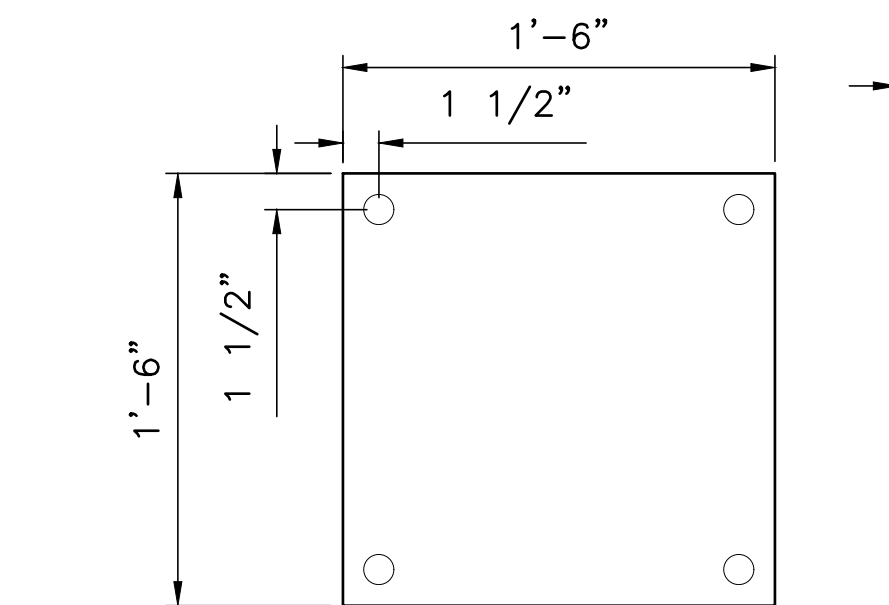
(d) PL 1/4" x 1'-6"x 1'-2"
1-1/2"=1'-0"



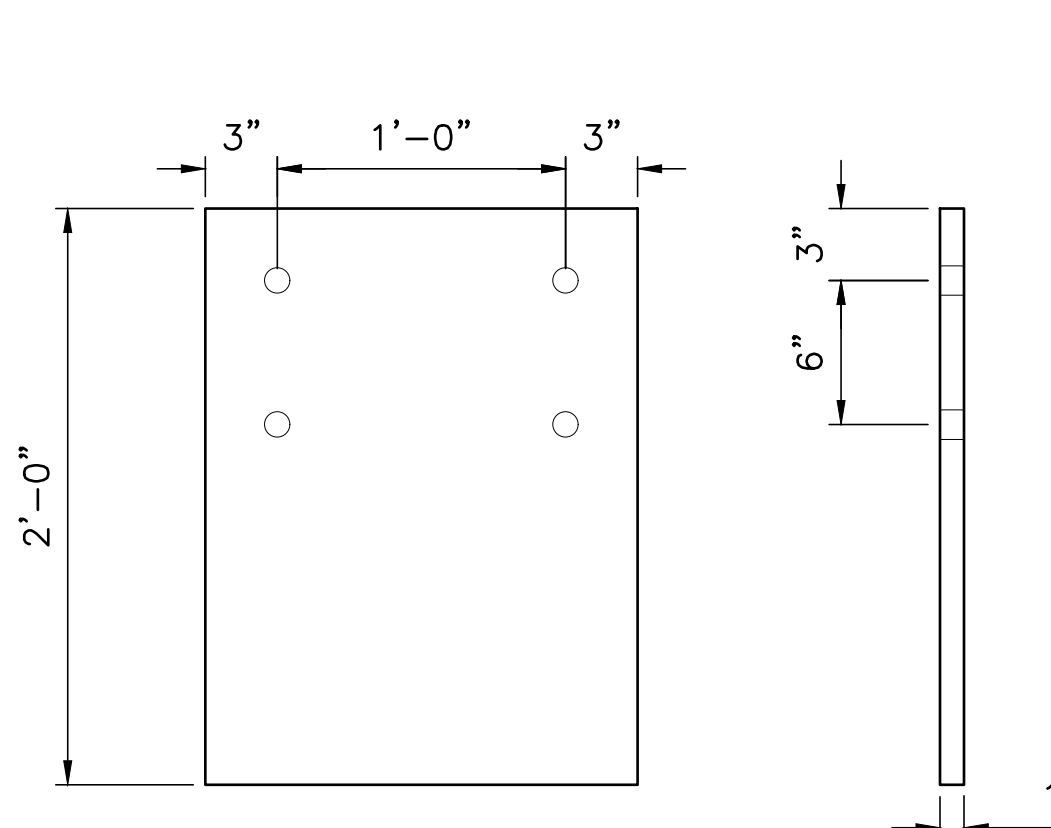
(c) PL 1/4" x 10"x 10"
1-1/2"=1'-0"



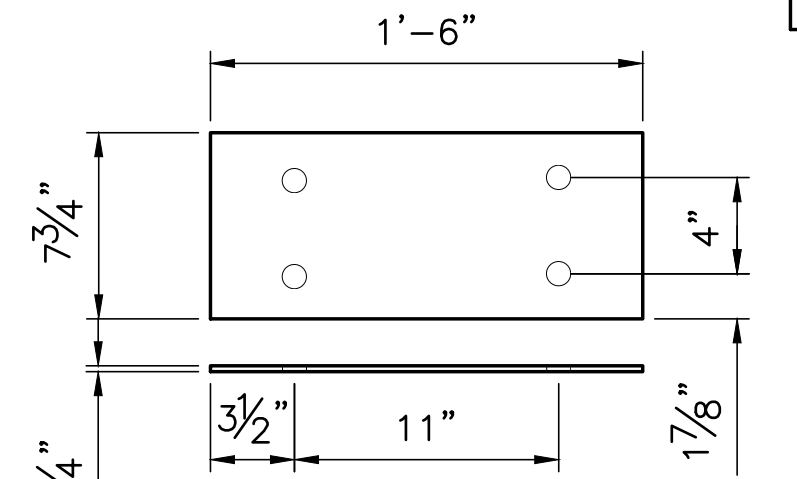
(f) HSS 1/4" x 6"
1-1/2"=1'-0"



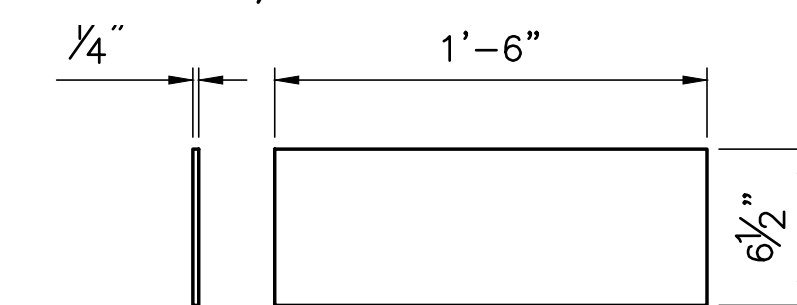
(g) PL 1/4" x 1'-6"x 1'-6"
1-1/2"=1'-0"



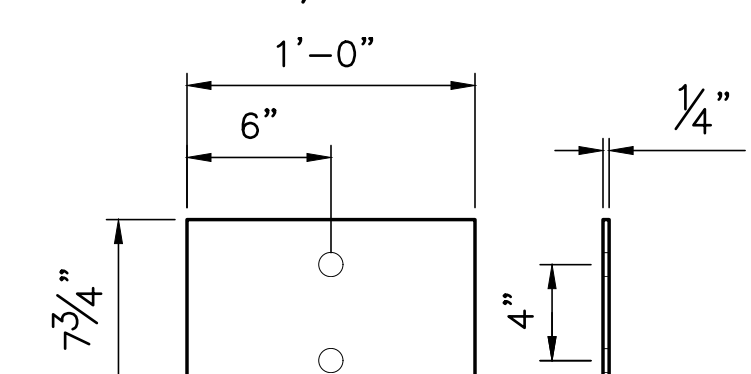
(b) PL 1/4" x 2'-0"x 1'-6"
1-1/2"=1'-0"



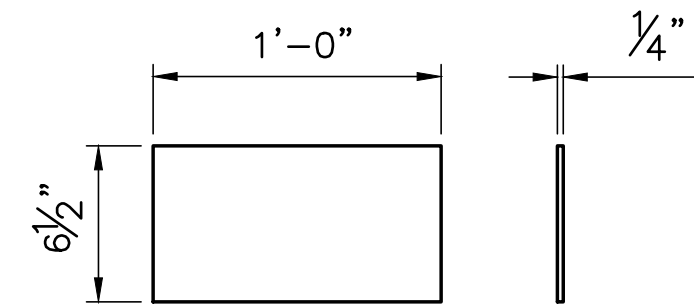
(j) PL 1/4" x 1'-6"x 7 3/4"
1-1/2"=1'-0"



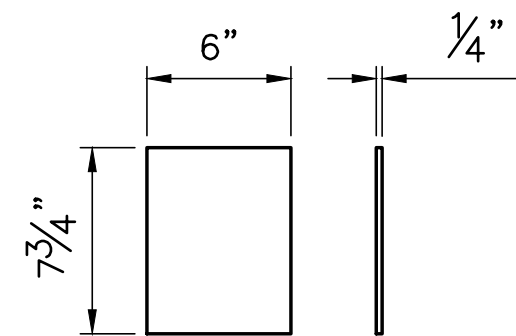
(k) PL 1/4" x 1'-6"x 6 1/2"
1-1/2"=1'-0"



(m) PL 1/4" x 1'-0"x 7 3/4"
1-1/2"=1'-0"



(s) PL 1/4" x 1'-0"x 6 1/2"
1-1/2"=1'-0"



(p) PL 1/4" x 7 3/4"x 6"
1-1/2"=1'-0"

MATERIAL LIST

NO. TO SHIP	SHIP MARK	PIECE MARK	NO. PIECES	SECTION	LENGTH		UNIT WT PER FT	WT LBS.
					FT.	IN		
HANDRAIL								
2	MK 2							
		(a)	2	PL 1" x 3'-6"	1	6	3.65	3.95
		(b)	2	PL 1" x 2'-0"	1	6	2.13	1.69
		(c)	4	PL 1" x 10"	0	10	12.11	47.05
		(d)	2	PL 1" x 1'-6"	1	2	4.25	9.92
2	MK 2							
		(b)	2	PL 1" x 2'-0"	1	6	2.13	1.69
		(c)	4	PL 1" x 10"	0	10	12.11	47.05
		(d)	2	PL 1" x 1'-6"	1	2	4.25	9.92
		(e)	2	PL 1" x 3'-6"	1	6	3.65	3.95
12	MK 3							
		(f)	4	HSS 1" x 6"	—	—	3.62	8.03
		(g)	4	PL 1" x 1'-6"	1	6	3.62	8.03
3	MK 4							
		(h)	2	PL 1/4" x 6"	0	6	3.65	3.95
		(j)	2	PL 1/4" x 1'-6"	0	7 3/4	2.13	1.69
		(k)	1	PL 1/4" x 1'-6"	0	6 1/2	12.11	47.05
1	MK 5							
		(h)	2	PL 1/4" x 6"	0	6		
		(m)	1	PL 1/4" x 1-0"	0	7 3/4		
		(p)	2	PL 1/4" x 7 3/4"	0	6		
		(s)	1	PL 1/4" x 1'-0"	0	6 1/2		
TOTAL MARK WEIGHT (APPROX.) = 117.12								

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ENDORSEMENTS	
SIGNATURE	DATE
DRAWN:	
CHECK:	
DESIGN:	
CHECK:	

Seattle City Light Generation and Substations	
APPROVED FOR SEATTLE CITY LIGHT	
DATE	

SUBJECT	
PERMITS	
LOCATION	
DIABLO DAM AND RESERVOIR	
TITLE	
DIABLO LAKE TOUR DOCK TOUR BOAT LANDING ANCHOR PLATE SHOP DETAILS	

SHEET	
14 of 15	
CLASS \ SHEET	
S-4	
DRAWING NO.	
D-56525	
SCALE	REV. NO.
AS SHOWN	0