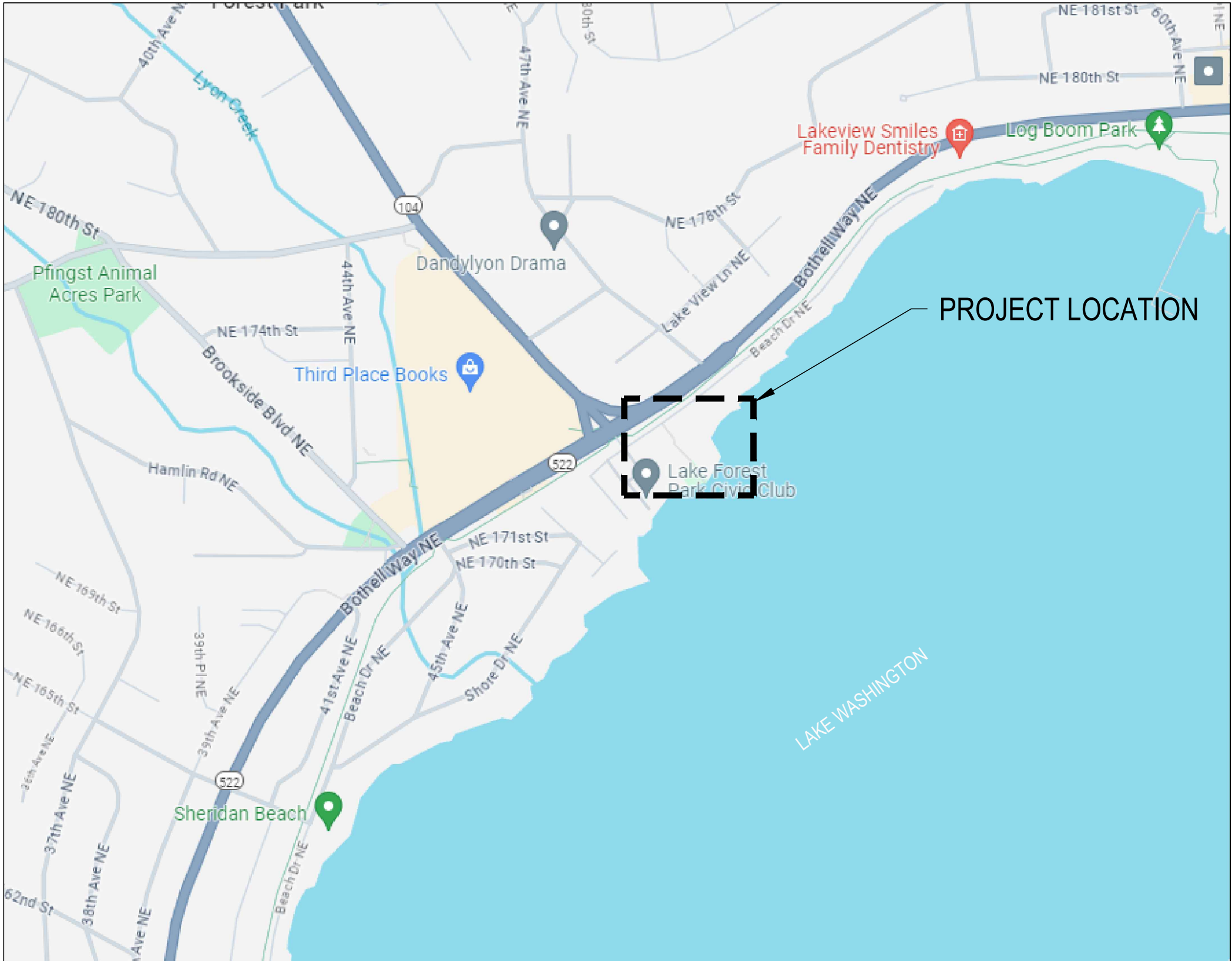


VICINITY MAP



PROJECT LOCATION



LAKE FOREST PARK
LAKEFRONT IMPROVEMENTS

70% DESIGN / PERMIT SET - NOT FOR CONSTRUCTION

SITE DATA

ADDRESS:
LAKE FOREST PARK
17337, 17345, & 17347 BEACH DR. NE
LAKE FOREST PARK, WA 98155

PARCEL NUMBERS:
403010-0050, 403010-0035,
AND 403010-0040

SITE AREA:
403010-0050= 60,532 SF (1.39 AC)
403010-0035= 35,601.1 SF (0.82 AC)
403010-0040= 48,111.5 SF (1.10 AC)
TOTAL = 3.31 AC

PROJECT TEAM

APPLICANT:
CITY OF LAKE FOREST PARK
17425 BALLINGER WAY NE
LAKE FOREST PARK, WA
CONTACT: CORY MATTSON, ENVIRONMENTAL &
SUSTAINABILITY SPECIALIST
PH: (206) 957-2814

PROJECT MANAGER:
FACET
9706 4TH AVE NE
SEATTLE, WA 98115
CONTACT: AMBER MIKLUSCAK, PLA, GISP
PH: (425) 650-1332

FACET CONTACTS:
LANDSCAPE ARCHITECT: AMBER MIKLUSCAK, PLA, GISP
CIVIL: ERIK DAVIDO, PE
MARINE: STEVE ROBERT, PE
PERMITTING: KENNY BOOTH, AICP
ARBORIST & ECOLOGIST: ROEN HOHLFELD, ISA CERT
STRUCTURAL: MATT SCHMITTER, PE, SE

ARCHITECTURE:
JOHNSTON ARCHITECTS
3131 WESTERN AVE #510
SEATTLE, WA 98121
CONTACT: JACK CHAFFIN, AIA
PH: (206) 523-6150

GEOTECHNICAL:
HWA GEOSCIENCES
21312 30TH DR SE
BOTHELL, WA 98021
CONTACT: WILL ROSSO
PH: (425) 774-0106

ELECTRICAL:
DAVID EVANS ASSOCIATES
16300 CHRISTENSEN RD #330
TUKWILA, WA 98188
CONTACT: DIMITRI SIATERLIS
PH: (206) 243-5022

BUILDING MEP:
SAZAN GROUP, INC.
600 STEWART ST #1400, SEATTLE
SEATTLE, WA 98101
CONTACT: TOM MARSEILLE, PE
PH: (206) 267-1700

SURVEYOR:
APS SURVEY & MAPPING
13221 SE 26TH STREET, SUITE A
BELLEVUE, WA 98005
CONTACT: SAM WARD, PRINCIPAL SURVEYOR
PH: (425) 746-3200

HAZMAT:
EHS-INTERNATIONAL, INC.
1011 SW KLIKITAT WAY, SUITE 104
SEATTLE, WA 98134
CONTACT: FRED LUCK
PH: (206) 306-1900

SHEET INDEX

SHEET NO.	PLAN NO.	SHEET TITLE
1	G001	COVER SHEET
2	G002	GENERAL NOTES AND SYMBOLS
3	G003	SURVEY
4	G004	EXISTING CONDITIONS
5	G005	EXISTING CONDITIONS
6	G006	EXISTING CONDITIONS
7	C001	TESC PLAN
8	C002	TESC PLAN
9	C003	TESC PLAN
10	C004	TESC DETAILS
11	L004	TREE PROTECTION PLAN
12	L005	TREE PROTECTION PLAN
13	L006	TREE PROTECTION DETAILS
14	C007	SITE DEMOLITION PLAN
15	C008	SITE DEMOLITION PLAN
16	C009	SITE DEMOLITION PLAN
17	L111	SITE PLAN
18	L112	SITE PLAN
19	L113	SITE PLAN
20	C101	FRONTAGE PLAN
21	C102	FRONTAGE PLAN
22	C103	FRONTAGE DETAILS
23	C104	FRONTAGE DETAILS
24	C105	SIGNING AND STRIPING PLAN
25	C111	SITE DRAINAGE PLAN
26	C112	DRAINAGE DETAILS
27	C113	DRAINAGE DETAILS
28	C114	DRAINAGE DETAILS
29	C115	DRAINAGE DETAILS
30	C121	UTILITY PLAN
31	C122	SEWER DETAILS
32	C123	WATER DETAILS
33	C131	GRADING AND PAVING PLAN
34	C132	GRADING AND PAVING DETAILS
35	C133	GRADING AND PAVING DETAILS
36	L131	SITE PREPARATION PLAN
37	L132	SITE PREPARATION PLAN
38	L133	SITE PREPARATION DETAILS
39	L160	SITE PLANT SCHEDULE
40	L161	SITE PLANTING PLAN
41	L162	SITE PLANTING PLAN
42	L163	SITE PLANTING DETAILS
43	L164	SITE PLANTING DETAILS
44	L200	SITE SECTIONS
45	L201	SITE SECTIONS
46	L310	SITE DETAILS - FURNISHINGS
47	L311	SITE DETAILS - FURNISHINGS
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49	L313	SITE DETAILS - CONCRETE
50	L314	SITE DETAILS - WALLS
51	L315	SITE DETAILS - RAILINGS
52	L316	SITE DETAILS - PLAYGROUND
53	A100	A100 SITE - DEMO PLAN
54	A101	A101 SITE - BUILDING PLAN
55	A102	A102 SITE - ROOF PLAN
56	A103	A103 SITE ELEVATION
57	A000-B	A000-B BIG HOUSE PROJECT INFORMATION
58	A200-B	A200-B BIG HOUSE PLAN
59	A300-B	A300-B BIG HOUSE ELEVATIONS
60	A400-B	A400-B BIG HOUSE SECTIONS & RCP
61	A410-B	A410-B BIG HOUSE WALL SECTIONS & DETAILS
62	A700-B	A700-B INTERIOR ELEVATIONS
63	A000-C	A000-C ANNEX INFORMATION
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SHEET NO.	PLAN NO.	SHEET TITLE
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68	A000-R	A000-R RESTROOM INFORMATION
69	A200-R	A200-R RESTROOM PLANS & ELEVATIONS
70	A400-R	A400-R RESTROOM SECTIONS & RCP
71	A410-R	A410-R RESTROOM WALL SECTIONS & DETAILS
72	A700-R	A700-R RESTROOM INTERIOR ELEVATIONS
73	A202-S	A202-S PICNIC SHELTER - MAX WALLS
74	A302-S	A302-S PICNIC SHELTER - CLT - MAX WALL
75	A400-S	A400-S PICNIC SHELTER - SIMPLE CLT
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78	S2.1	CABIN 6 PLANS
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80	S2.3	PICNIC SHELTER PLANS
81	S2.4	BIG HOUSE FOUNDATION AND 1ST FLOOR PLAN
82	S2.4A	BIG HOUSE ROOF AND SHEARWALL PLANS
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87	S3	FOUNDATION DETAILS
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93	E101	ELECTRICAL SITE PLAN
94	E401	BIG HOUSE ELECTRICAL PLAN
95	E402	CABIN 6 AND RESTROOM ELECTRICAL PLAN
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101	SJ002	EXISTING LYON CREEK PIER DEMOLITION PLAN AND PROFILE
102	SJ101	LAKEFRONT DOCK GENERAL NOTES
103	SJ102	LAKEFRONT DOCK GENERAL NOTES CONTINUED
104	SJ103	LAKEFRONT DOCK PLAN
105	SJ104	LAKEFRONT DOCK PROFILE
106	SJ105	LAKEFRONT DOCK FOUNDATION PLAN
107	SJ106	LAKEFRONT DOCK FOUNDATION DETAILS
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109	SJ108	LAKEFRONT DOCK TYPICAL MODULE DETAILS
110	SJ109	LAKEFRONT DOCK MODULE G AND H DETAILS
111	SJ110	LAKEFRONT DOCK DETAILS PLACEHOLDER
112	SJ111	LAKEFRONT DOCK DETAILS PLACEHOLDER

NO.

DATE

BY

REVISION

9706 4th Ave NE
Suite 300
Seattle, WA 98115

P: 206.623.0024
www.facetnw.com

STATE OF WASHINGTON
AMBER V. MIKLUSCAK
REGISTERED LANDSCAPE ARCHITECT
NO. 0197 EXP. 12/31/2025

PRELIMINARY

CALL 811
2 BUSINESS DAYS
BEFORE YOU DIG
(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

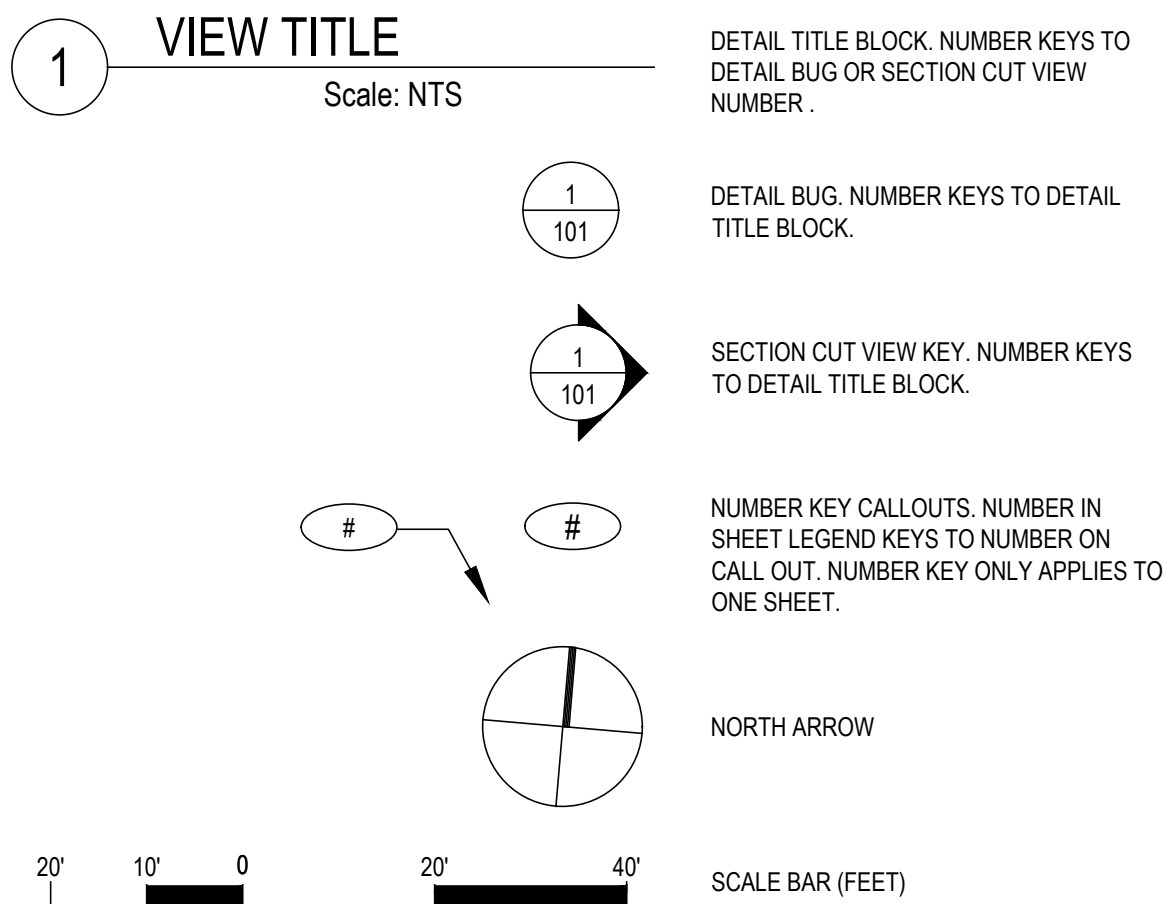
LAKE FOREST PARK LAKEFRONT IMPROVEMENTS
17337, 17345, & 17347 BEACH DR NE
LAKE FOREST PARK, WA 98155
2303.0384.02

70% DESIGN

COVER SHEET

DATE: 09/16/2025
PLAN NUMBER:
G001
SHEET 1 OF 113

PLAN SYMBOLS



ABBREVIATIONS

BM = BENCHMARK
BP = BIORETENTION POND
BTL = BIORETENTION PLANTER
BPM = BOTTOM
CB = CATCH BASIN
CL = CENTER LINE
CONC = CONCRETE
COW = CONCRETE WALK
GR = GRADE
EL = ELEVATION
EOP = EDGE OF PAVEMENT
EG = EXISTING
EG = EXISTING GRADE
FG = FINISHED FLOOR
FG = FINISHED GRADE
FL = FLOWLINE
IE = INVERT ELEVATION
LSCAPE = LANDSCAPING
LT = LEFT
M.I.C. = MONUMENT IN CASE
NO. = NUMBER
PC = POINT OF CURVE
PT = POINT OF TANGENT
RT = RIGHT
SD = STORM DRAIN
SS = SANITARY SIDE SEWER
SSFM = SANITARY SIDE SEWER

FORCE MAIN
STA = STATION
STD = STANDARD
TOC = TOP OF CURB
TOP = TOP OF PAVEMENT
TOPS = TOP OF STAIR
TYP = TYPICAL

GENERAL NOTES

1. SEE ASSOCIATED PROJECT SPECIFICATIONS FOR MATERIALS AND WORKMANSHIP. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PERMIT CONDITIONS, THE CITY OF LAKE FOREST PARK (COLFP) CODE, THE KING COUNTY CODE (KCC), ROAD STANDARDS (KCRS), AND 2025 WASHINGTON STATE DOT (WSDOT) STANDARD SPECIFICATIONS.
2. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED BY THE COLFP AND ARE IN GENERAL COMPLIANCE WITH COLFP CODE. SOME ELEMENTS MAY HAVE BEEN OVERLOOKED OR MISSED BY THE COLFP PLAN REVIEWER. ANY VARIANCE FROM ADOPTED STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE COLFP PRIOR TO CONSTRUCTION.
3. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION.
4. BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, A PRECONSTRUCTION MEETING MUST BE HELD BETWEEN THE COLFP, THE ENGINEER, AND THE CONTRACTOR.
5. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
6. GRADING ACTIVITIES (SITE ALTERATION) ARE LIMITED TO THE HOURS OF 7 A.M. TO 7 P.M. MONDAY THROUGH SATURDAY AND 10 A.M. TO 5 P.M. ON SUNDAY, UNLESS OTHERWISE APPROVED WITH A WRITTEN DECISION BY THE COLFP.
7. FRANCHISED UTILITIES OR OTHER INSTALLATIONS THAT ARE NOT SHOWN ON THESE APPROVED PLANS SHALL NOT BE CONSTRUCTED UNLESS AN APPROVED SET OF PLANS THAT MEET ALL PERMITTING AND CODE REQUIREMENTS ARE SUBMITTED TO THE COLFP THREE DAYS PRIOR TO CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY. WORK IN RIGHT-OF-WAY IS NOT AUTHORIZED UNTIL A TRAFFIC CONTROL PLAN IS APPROVED BY COLFP.

RECOMMENDED TESC SEQUENCING

1. PRE-CONSTRUCTION MEETING.
2. FLAG OR FENCE CLEARING LIMITS AND INSTALL ALL TREE PROTECTION MEASURES AS SHOWN ON SHEETS L004-L006.
3. POST NOTICE OF CONSTRUCTION ACTIVITY SIGN WITH NAME AND PHONE NUMBER OF ESC SUPERVISOR.
4. INSTALL CATCH BASIN PROTECTION.
5. GRADE AND INSTALL CONSTRUCTION ENTRANCE(S).
6. INSTALL PERIMETER PROTECTION (SILT FENCE, ETC.).
7. GRADE AND STABILIZE CONSTRUCTION ROADS.
8. CONSTRUCT SURFACE WATER CONTROLS (CJOR LOGS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT.
9. MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE CITY OF LAKE FOREST PARK STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
10. RELOCATE SURFACE WATER CONTROLS AND EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE CITY OF LAKE FOREST PARK EROSION AND SEDIMENT CONTROL STANDARDS.
11. COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING OR EQUIVALENT.
12. STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN DAYS.
13. SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
14. UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BEST MANAGEMENT PRACTICES REMOVED IF APPROPRIATE.

STANDARD ESC AND SWPP PLAN NOTES

- APPROVAL OF THIS EROSION AND SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PILES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR/ESC SUPERVISOR UNTIL ALL CONSTRUCTION IS APPROVED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING, IF REQUIRED, PRIOR TO CONSTRUCTION (KING COUNTY SURFACE WATER DESIGN MANUAL (KCSWDM) APPENDIX D). DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED BY THE CONTRACTOR/ESC SUPERVISOR FOR THE DURATION OF CONSTRUCTION.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES, SUCH AS CONSTRUCTED WHEEL WASH SYSTEMS OR WASH PADS, MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN AND TRACK OUT TO ROAD RIGHT OF WAY DOES NOT OCCUR FOR THE DURATION OF THE PROJECT.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO OR IN CONJUNCTION WITH ALL CLEARING AND GRADING SO AS TO ENSURE THAT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, DRAINAGE SYSTEMS, FLOW CONTROL BMP LOCATIONS (EXISTING AND PROPOSED), AND ADJACENT PROPERTIES IS MINIMIZED.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS (E.G. ADDITIONAL COVER MEASURES, ADDITIONAL SUMP PUMPS, RELOCATION OF DITCHES AND SILT FENCES, PERIMETER PROTECTION ETC.) AS DIRECTED BY THE COLPF.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR/ESC SUPERVISOR AND MAINTAINED TO ENSURE CONTINUED PROPER FUNCTIONING. WRITTEN RECORDS SHALL BE KEPT OF WEEKLY REVIEWS OF THE ESC FACILITIES.
- ANY AREAS OF EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT WILL NOT BE DISTURBED FOR TWO CONSECUTIVE DAYS DURING THE WET SEASON (OCTOBER 1 TO APRIL 30) OR SEVEN DAYS DURING THE DRY SEASON (MAY 1 TO SEPTEMBER 30) SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (E.G., SEEDING, MULCHING, PLASTIC COVERING, ETC.).
- ANY AREA NEEDING ESC MEASURES THAT DO NOT REQUIRE IMMEDIATE ATTENTION SHALL BE ADDRESSED WITHIN SEVEN (7) DAYS.
- THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH DURING THE DRY SEASON, BI-MONTHLY DURING THE WET SEASON, OR WITHIN TWENTY FOUR (24) HOURS FOLLOWING A STORM EVENT.
- AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY. IF THE FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION SYSTEM, THE TEMPORARY FACILITY MUST BE ROUGH GRADED SO THAT THE BOTTOM AND SIDES ARE AT LEAST THREE FEET ABOVE THE FINAL GRADE OF THE PERMANENT FACILITY. FLOW CONTROL BMP AREAS (EXISTING OR PROPOSED) SHALL NOT BE USED AS TEMPORARY FACILITIES AND SHALL BE PROTECTED FROM SEDIMENTATION AND INTRUSION.
- COVER MEASURES WILL BE APPLIED IN CONFORMANCE WITH APPENDIX D OF THE KCSWDM.
- PRIOR TO THE BEGINNING OF THE WET SEASON (OCT. 1), ALL DISTURBED AREAS SHALL BE REVIEWED TO IDENTIFY WHICH ONES CAN BE SEEDED IN PREPARATION FOR THE WINTER RAINS. DISTURBED AREAS SHALL BE SEEDDED WITHIN ONE WEEK OF THE BEGINNING OF THE WET SEASON. A SKETCH MAP OF THOSE AREAS TO BE SEEDDED AND THOSE AREAS TO REMAIN UNCOVERED SHALL BE SUBMITTED TO THE COLPF.

DRAINAGE NOTES

1. PROOF OF LIABILITY INSURANCE SHALL BE SUBMITTED TO THE COLPF PRIOR TO THE CONSTRUCTION OF THE DRAINAGE FACILITIES, PREFERABLY AT THE PRECONSTRUCTION MEETING.
2. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT SPECIFICATIONS. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL, AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
3. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT RETENTION/DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
4. ALL DISTURBED PERVIOUS AREAS (COMPACTED, GRADED, LANDSCAPED, ETC.) OF THE DEVELOPMENT SITE MUST DEMONSTRATE ONE OF THE FOLLOWING, IN ACCORDANCE WITH KCC AND THE LOW IMPACT DEVELOPMENT (LID) COMPONENTS OF THE APPROVED SITE PLAN: THE EXISTING DUFF LAYER SHALL BE STAGED AND REDISTRIBUTED TO MAINTAIN THE MOISTURE CAPACITY OF THE SOIL, OR; AMENDED SOIL SHALL BE ADDED TO MAINTAIN THE MOISTURE CAPACITY.
5. SEASONAL CLEARING IS LIMITED BETWEEN OCTOBER 1 AND APRIL 30 INCLUSIVE, UNLESS OTHERWISE APPROVED WITH A WRITTEN DECISION BY THE COLPF.

NO.		DATE		BY		REVISION	
				BASE MAP/TOPOGRAPHY PROVIDED BY OTHERS. DRAINAGE CANNOT BE HELD LIABLE FOR ACCURACY. CONTRACTOR SHALL FIELD VERIFY GRADES, UTILITIES, AND ALL OTHER EXISTING FEATURES AND CONDITIONS. IF CONDITIONS ARE NOT AS SHOWN AND/OR PLANS CANNOT BE CONSTRUCTED AS SHOWN, CONTACT DRAINAGE PRIOR TO CONSTRUCTION.			
				FACET			
9706 4th Ave NE Suite 300 Seattle, WA 98115				P: 206.523.0024 www.facetnw.com			
				PRELIMINARY			
CALL 811 2 BUSINESS DAYS BEFORE YOU DIG (UNDERGROUND UTILITY LOCATIONS ARE APPROX.)							
LAKE FOREST PARK LAKEFRONT IMPROVEMENTS							
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2303.0384.02							
70% DESIGN							
GENERAL NOTES AND SYMBOLS							
DATE: 09/16/2025							
PLAN NUMBER:							
G002							
SHEET 2 OF 113							

CHECKED BY: DRAWN BY: DESIGNED BY: PROJECT MANAGER: PRINCIPAL:

LEGEND	
	LIMIT OF WORK
	WETLAND BOUNDARY (DELINEATED)
	WETLAND BOUNDARY (NOT-DELINEATED)
	ORDINARY HIGH WATER MARK (OHWM)
	COMBINED CRITICAL AREA BUFFER
	SHORELINE SETBACK (50')
	SHORELINE JURISDICTION (200')
	WETLAND MITIGATION AREA (1,130 SF)
	WETLAND BUFFER MITIGATION AREA (4,470 SF)
	EXISTING BUFFER IMPACT TO BE RESTORED (5,940 SF)
	EXISTING CRITICAL AREA IMPACT TO BE REMOVED (2,350 SF)
	TEMPORARILY IMPACTED LAWN RESTORED TO ENGINEERED WOOD CHIPS (1,315 SF)
	PRIOR MITIGATION/RESTORATION AREAS TO BE FURTHER ENHANCED (20,655 SF - NOT INCLUDED IN MITIGATION SQUARE FOOTAGES)

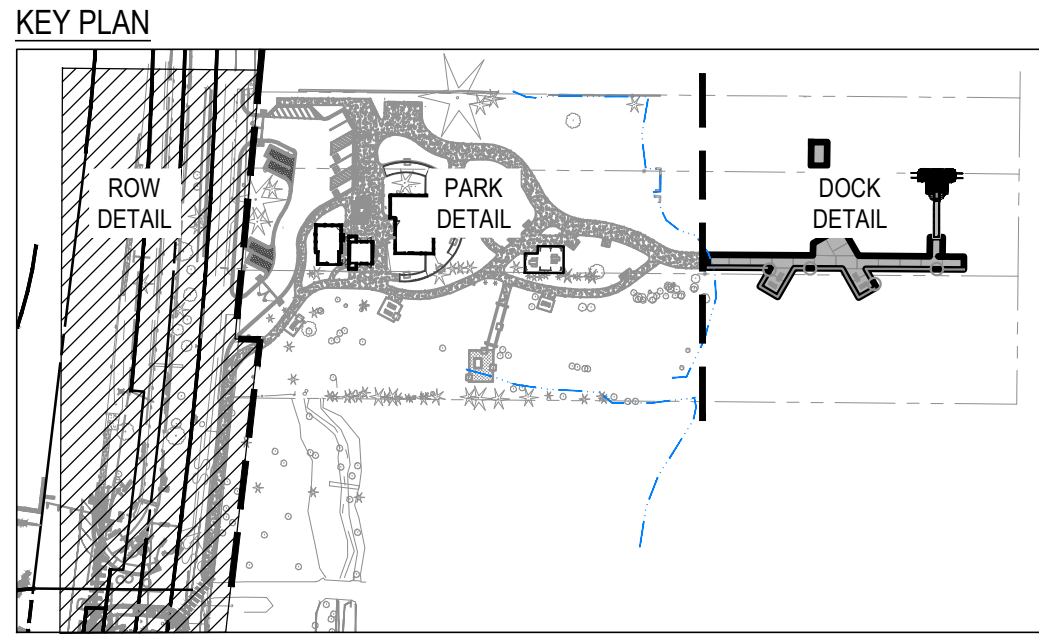
NOTES

1 CRITICAL AREAS WERE DELINEATED BY FACET ON OCTOBER 9 AND 31, 2023.

	IMPACTS(SEE SHEETS L010-L012)			MITIGATION						
	A	B	C	D	E	F	G	H	I	J
	NEW PERMANENT CRITICAL AREA IMPACT (SF)	NEW PERMANENT BUFFER IMPACT (SF)	TOTAL PROPOSED BUFFER IMPACT- EXISTING AND NEW (SF)	EXISTING CRITICAL AREA IMPACT TO BE RESTORED (SF)	EXISTING BUFFER IMPACT TO BE RESTORED WITH NATIVE PLANTINGS (SF)	TEMPORARY BUFFER IMPACTS TO BE RESTORED WITH NATIVE PLANTINGS (SF)*	NEW CRITICAL AREA MITIGATION (SF)	NEW CRITICAL AREA BUFFER MITIGATION (SF)	PRIOR MITIGATION AREA TO BE ENHANCED WITH NATIVE PLANTINGS (SF)	TOTAL PROPOSED NATIVE PLANTING AREA (SF)
COMBINED CRITICAL AREA TOTALS	3,895	13,135	32,213	2,350	5,940	8,383	1,130	4,470	20,655	40,578
LAKE WASHINGTON SHORELINE SETBACK 50'	3,895	N/A	N/A	2,200	N/A	N/A	N/A	N/A	N/A	N/A
LYON CREEK	N/A	1,350	6,775	30	440	1,435	1,130	3,990	3,780	10,775
LYON CREEK BUFFER 115'	-	N/A	N/A	105	N/A	N/A	N/A	N/A	N/A	N/A
LYON CREEK BUILDING SETBACK 15'	N/A	9,865	22,535	-	5,460	6,605	-	-	20,655	32,720
100-YEAR FLOODPLAIN	N/A	2,045	4,148	-	100	975	-	-	-	1,075
WETLAND A	N/A	185	971	170	910	-	-	-	9,275	10,185
WETLAND B	-	N/A	N/A	-	N/A	N/A	1,130	N/A	-	1,130
WETLAND C	-	N/A	N/A	30	N/A	N/A	N/A	N/A	-	-
WETLAND BUFFERS (COMBINED)	-	N/A	N/A	20	N/A	N/A	N/A	N/A	6,840	6,840
SHORELINE JURISDICTION (200')	N/A	12,345	30,978	135	5,770	8,078	1,130	4,470	20,655	40,103
SHORELINE JURISDICTION (200')	-	12,625	30,543	-	4,145	9,580	1,130	4,470	14,745	34,070

* EXCLUDES AREAS OF PRIOR MITIGATION
**THE TABLE ABOVE SHOWS IMPACTS AND RESTORATION/MITIGATION BY CRITICAL AREA. MANY OF THE TOTALS OVERLAP DUE TO OVERLAPPING CRITICAL AREA BUFFERS. REFER TO THE PROJECT TOTAL FOR A COMPLETE ANALYSIS OF IMPACTS AND CORRESPONDING MITIGATION/RESTORATION.

NET GAIN OR (LOSS) (D+E+F+G+H) - (A+B)	TOTAL PROPOSED NATIVE PLANTING TO IMPACT RATIO J/C
5,243	1.26
(1,695)	N/A - WATER BODY
5,675	1.59
105	N/A - WATER BODY
2,200	1.45
(970)	0.26
895	10.49
1,130	N/A - NO IMPACT
30	N/A - NO IMPACT
20	N/A - NO IMPACT
7,238	1.29
6,700	1.12



- CANDIDATE PLANT LIST
- TREES: PINUS CONTORTA / SHORE PINE
PSEUDOTSUGA MENZIESII / DOUGLAS-FIR
THUJA PLICATA / WESTERN REDCEDAR
- SHRUBS: ACER CIRCONATUM / VINE MAPLE
CORNUS SERICEA / RED OSIER DOGWOOD
CORYLUS CORNUTA / BEAKED HAZELNUT
LONICERA INVOLUCRATA / TWINBERRY
MAHONIA AQUIFOLIUM / TALL OREGON GRAPE
MYRICA CALIFORNICA / PACIFIC WAX MYRTLE
OEMLERIA CERASIFORMIS / OSOBERRY
PHYSOCARPUS CAPITATUS / PACIFIC NINEBARK
RUBUS PARVIFORUS / THIMBLEBERRY
RUBUS SPECTABILIS / SALMONBERRY
SYMPHORICARPUS ALBUS / SNOWBERRY
VACCINIUM OVATUM / EVERGREEN HUCKLEBERRY
- GROUNDCOVERS: ASTER SUBSPICATUS / DOUGLAS ASTER
BLECHNUM SPICANT / DEER FERN
GAULTHERIA SHALLON / SALAL
MAHONIA NERVOSA / DULL OREGON GRAPE
OXALIS OREGANA / WOOD SORREL
POLYSTICHUM MINUTUM / WESTERN SWORD FERN

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(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

LAKE FOREST PARK LAKEFRONT IMPROVEMENTS
17337, 17345, & 17347 BEACH DR NE
LAKE FOREST PARK, WA 98155
2303.0384.02

70% DESIGN

MITIGATION PLAN

DATE: 9/15/2025
PLAN NUMBER:
L013
SHEET OF 113

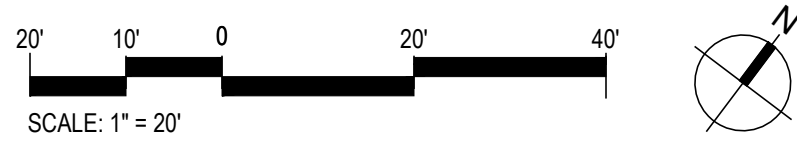
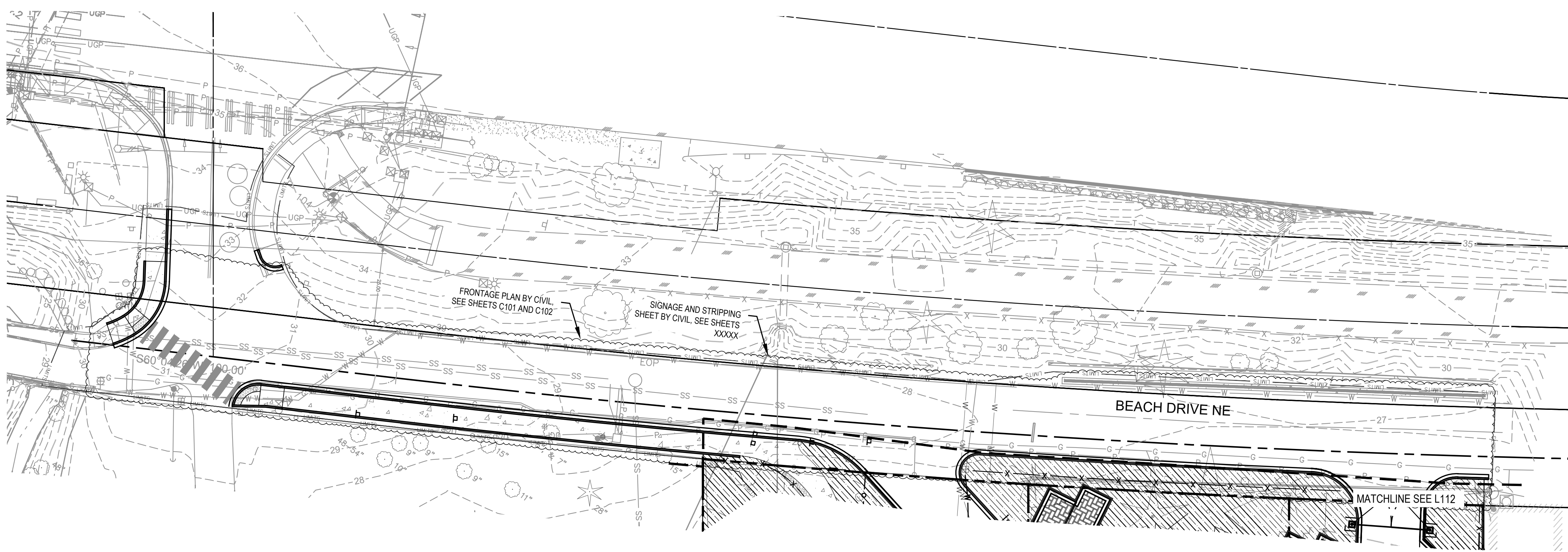
PRINCIPAL: PROJECT MANAGER: DESIGNED BY: DRAWN BY: CHECKED BY:

LEGEND

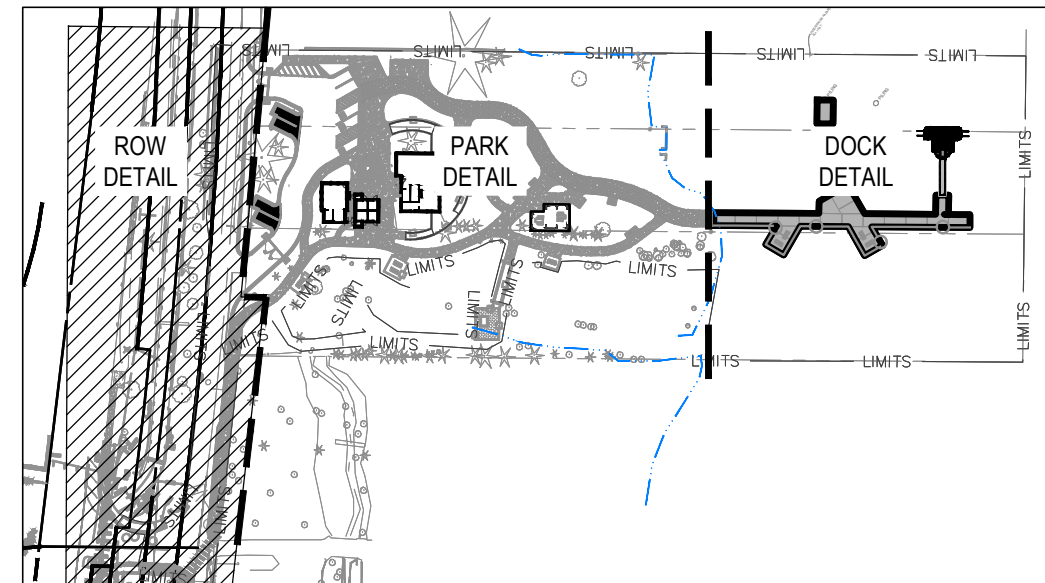
- LIMIT OF WORK
- WETLAND BOUNDARY (DELINEATED)
- WETLAND BOUNDARY (NOT DELINEATED)
- ORDINARY HIGH WATER MARK (OHWM)
- SPLIT RAIL FENCE
- GUARDRAIL
- DOCK RAILING
- ASPHALT - GRIND AND OVERLAY
- ASPHALT - FULL DEPTH
- CONCRETE PAVING - VEHICULAR GRADED
- CONCRETE PAVING
- PLANTING AREA
- BIORETENTION PLANTING AREA
- LAWN AREA
- ENGINEERED WOOD FIBER AREA
- RAISED PERMEABLE DECK STRUCTURE
- BACKLESS BENCH

LEGEND

- BACKED BENCH
- RECLAIMED BENCH
- PORCH SWING BENCH
- LITTER RECEPTACLE
- PET WASTE STATION
- OUTDOOR SHOWER
- DETECTABLE WARNING SURFACE
- PICNIC TABLE
- PLAY STRUCTURE



KEY PLAN



NO.

DATE

BY

REVISION

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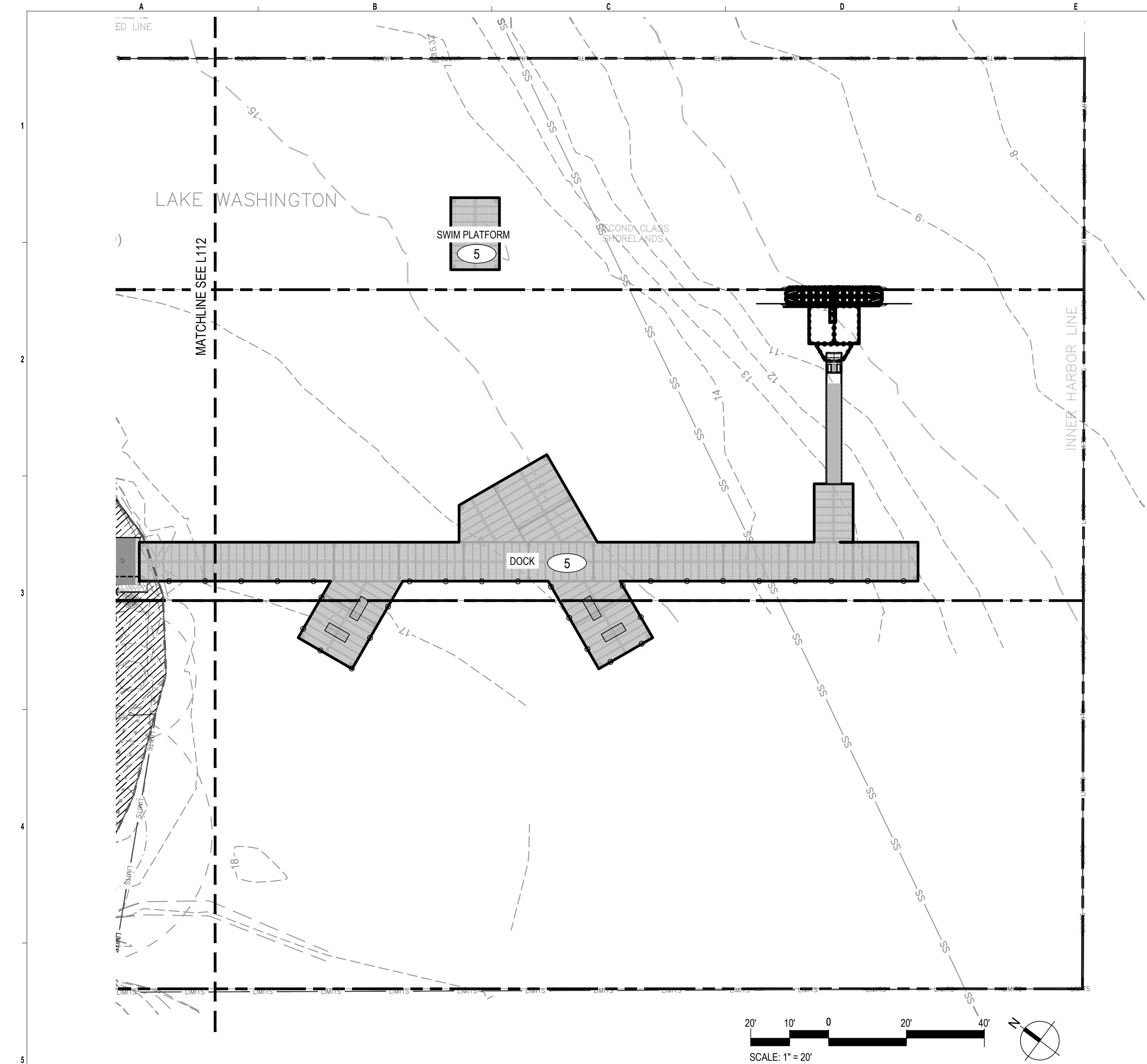
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LEGEND

	LIMIT OF WORK
	WETLAND BOUNDARY (DELINEATED)
	WETLAND BOUNDARY (NOT DELINEATED)
	ORDINARY HIGH WATER MARK (OHWM)
	SPLIT RAIL FENCE
	GUARDRAIL
	DOCK RAILING
	ASPHALT - GRIND AND OVERLAY
	ASPHALT - FULL DEPTH
	CONCRETE PAVING - VEHICULAR GRADED
	CONCRETE PAVING
	PLANTING AREA
	BIORETENTION PLANTING AREA
	LAWN AREA
	ENGINEERED WOOD FIBER AREA
	RAISED PERMEABLE DECK STRUCTURE
	BACKLESS BENCH

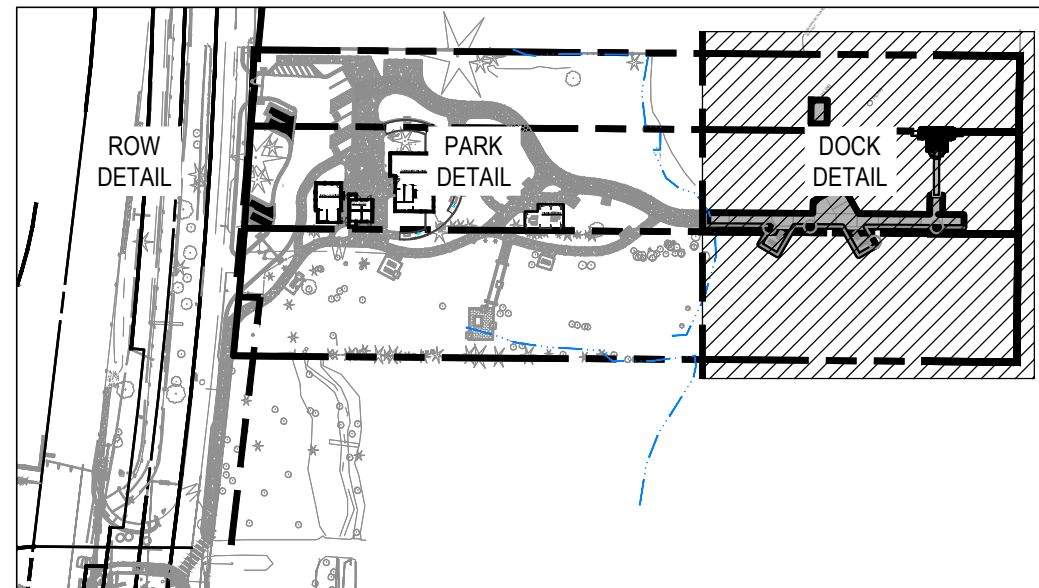
LEGEND

	BACKED BENCH
	RECLAIMED BENCH
	PORCH SWING BENCH
	LITTER RECEPTACLE
	PET WASTE STATION
	OUTDOOR SHOWER
	DETECTABLE WARNING SURFACE
	PICNIC TABLE
	PLAY STRUCTURE

KEY NOTES

1	BIKE AND KAYAK RACKS WITH AIR PUMP STATION
2	VIEWING PLATFORM WITH BENCH AND RAILING
3	RENOVATED VIEWING DECK
4	RELOCATED FOOTBRIDGE
5	SEE SHEET A.200B FOR DECK DETAILS
6	PLANTING WITH ROOT CELL SYSTEM

KEY PLAN



NO.	DATE	BY	REVISION

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LAKE FOREST PARK LAKEFRONT IMPROVEMENTS

17337, 17345, & 17347 BEACH DR NE

LAKE FOREST PARK, WA 98155

2303.0384.02

70% DESIGN

SITE PLAN

DATE: 9/15/2025

PLAN NUMBER:

L113

SHEET OF 113

FILE LOCATION: Z:\SHARED PROJECTS\ACTIVE\2023\03\03\0384-02 - LP LAKEFONT PARK\14 DRAWINGS\CAD-REVIT\ACTIVE\FILE\01-C132-GRADING\PLANDWG - ORIGINAL SHEET SIZE: ARCH FULL BLEED D (36.0 X 24.0 INCHES) - LAST MODIFIED BY: MIKE HECK
PRINCIPAL: ED PROJECT MANAGER: ED DESIGNED BY: JL DRAWN BY: MH CHECKED BY: ED

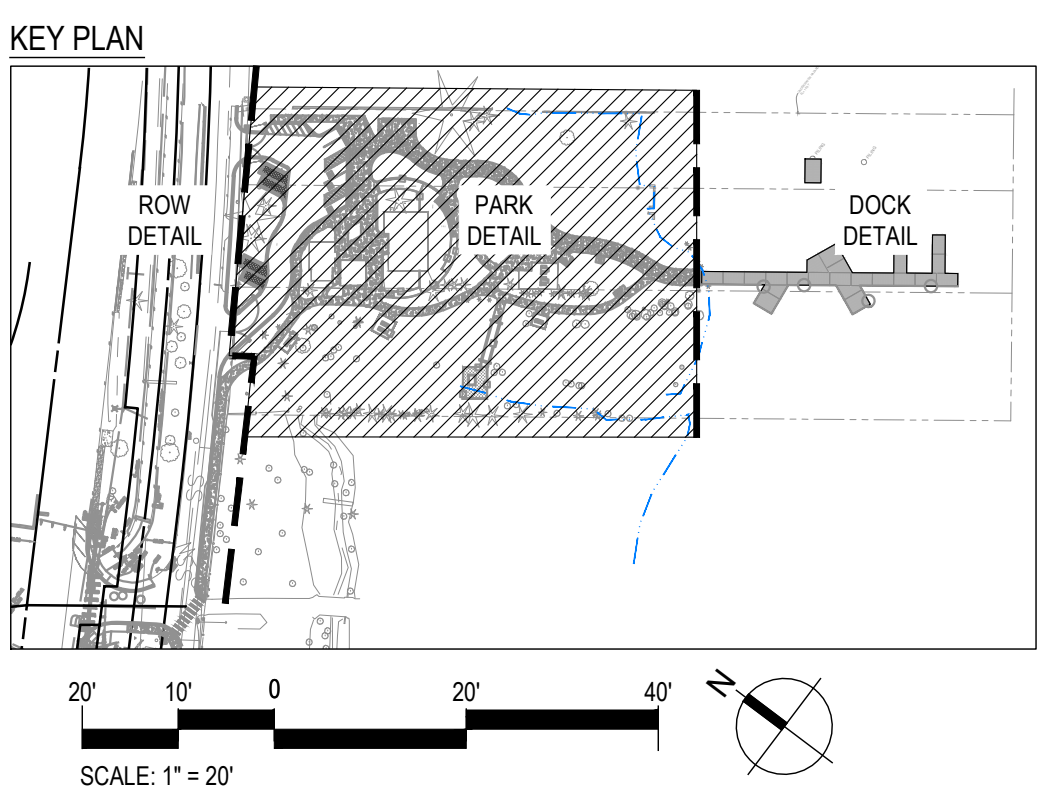


LEGEND

- LIMITS LIMIT OF WORK
- WETLAND BOUNDARY (DELINEATED)
- WETLAND BOUNDARY (NOT-DELINEATED)
- ORDINARY HIGH WATER MARK (OHWM)
- WETLAND AND STREAM BUFFER
- SHORELINE JURISDICTION (200')
- MINOR CONTOUR
- MAJOR CONTOUR
- LIMIT OF WORK
- LIMITS OF GRADING
- CURB AND GUTTER
- ASPHALT - FULL DEPTH
- PERMEABLE PAVER
- CONCRETE SIDEWALK WITH THICKENED EDGE - PEDESTRIAN ONLY
- CONCRETE SIDEWALK WITH THICKENED EDGE - VEHICLE REINFORCEMENT
- SIGN AND POST
- DETECTABLE WARNING SURFACE

3-002 C132
1 C132
6 C132
3 3-001 C104
2 3-001 C104

KEY NOTES	NOTES
1 12" WIDE CIP WALL	1. SEE SHEET #### - #### FOR TREE PROTECTION FENCE AND DETAILS.
2 18" HIGH SEAT WALL	2. SEE SHEET C007 - C009 FOR DEMOLITION PLAN AND UTILITIES TO BE PROTECTED / REMOVED.
3 SEE LANDSCAPE PLANS FOR BRICK INLAY	3. PAVEMENT CROSS SLOPES SHALL NOT EXCEED 2% IN ANY DIRECTION.
4	4. RUNNING SLOPE OF PAVED PATHS NOT ADJACENT TO ROADWAYS SHALL NOT EXCEED 4.95%.
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PRELIMINARY

ERIK S. DAVIDSON
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
33723

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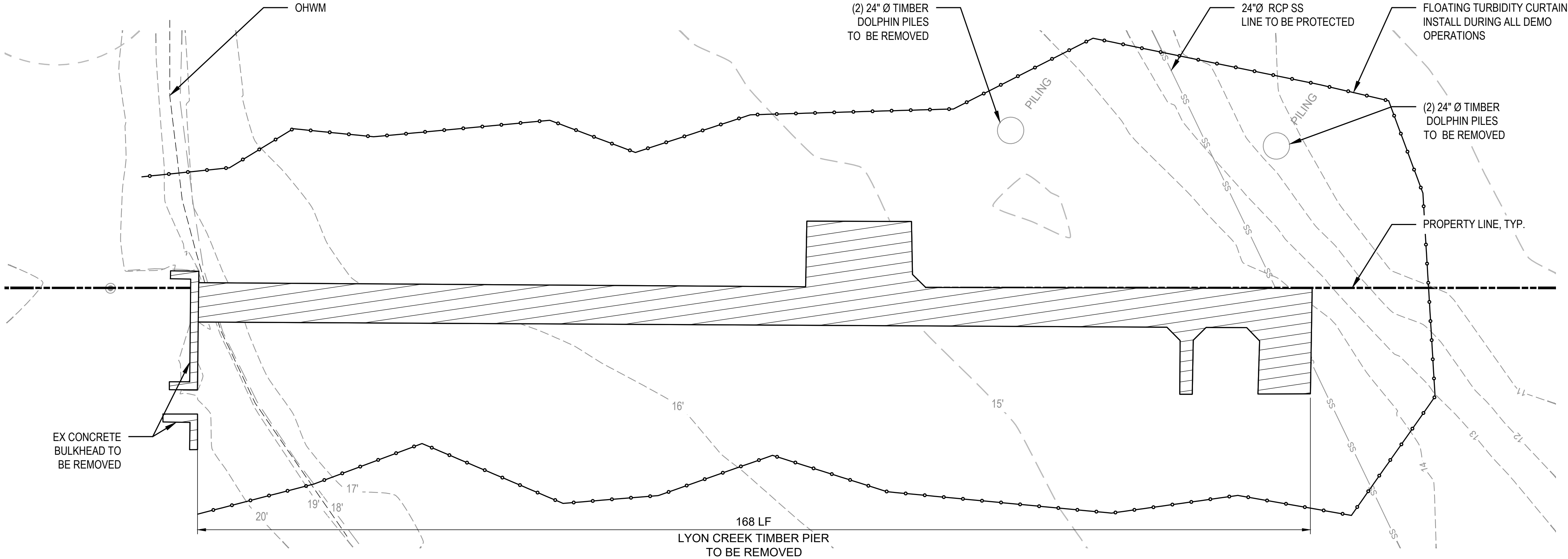
LAKE FOREST PARK LAKEFRONT IMPROVEMENTS
17337, 17345, & 17347 BEACH DR NE
LAKE FOREST PARK, WA 98155
2303.0384.02

70% DESIGN

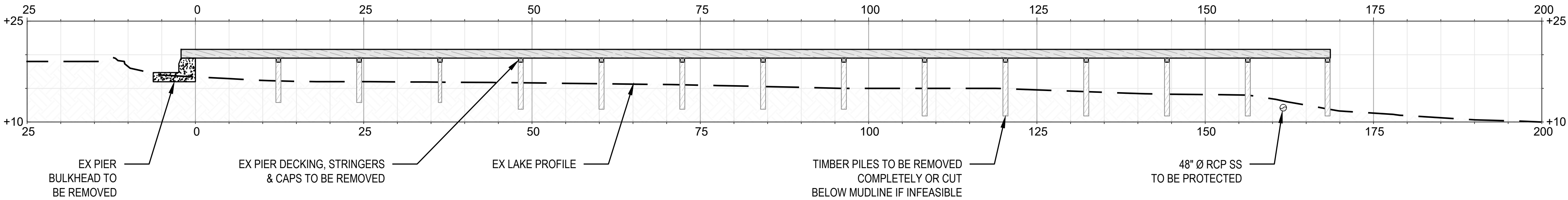
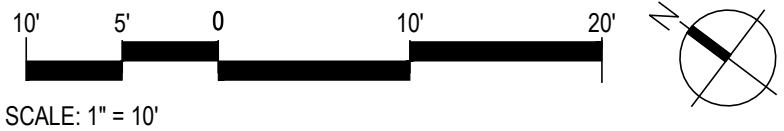
**GRADING AND
PAVING PLAN**

DATE: 09/16/2025
PLAN NUMBER:
C131
SHEET 33 OF 112

FILE LOCATION: Z:\SHARED\PROJECTS\ACTIVE\2025\03\2303.0384.02 - LFP LAKEFRONT PARK PH 20 DRAWINGS\SCAD-REV\TACTICAL\REF\ELISION-EX DOCK DEMO PLANDWG - ORIGINAL SHEET SIZE ARCH FULL BLEED D (86.00 X 24.00 INCHES) - LAST MODIFIED BY: JOSHUA SMITH
PRINCIPAL: SR PROJECT MANAGER: DM DESIGNED BY: ED DRAWN BY: NM CHECKED BY: VN



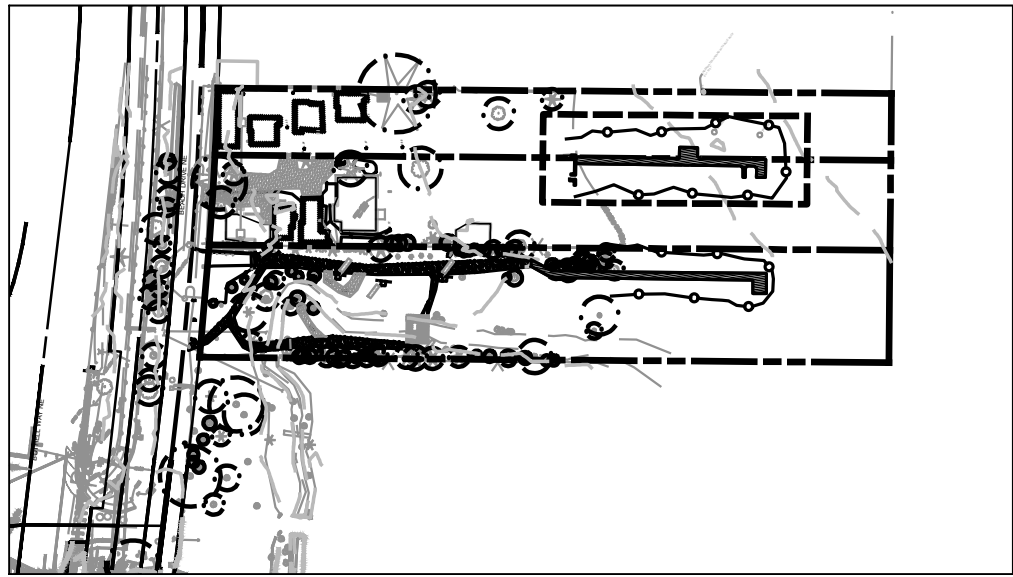
EXISTING LAKEFRONT PIER DEMOLITION PLAN



EXISTING LAKEFRONT PIER DEMOLITION PROFILE



KEY PLAN



LEGEND (SCALE MAY VARY)

	= MAJOR CONTOUR
	= MINOR CONTOUR
	= PROPERTY LINE
	= EXISTING DOCK TO BE REMOVED

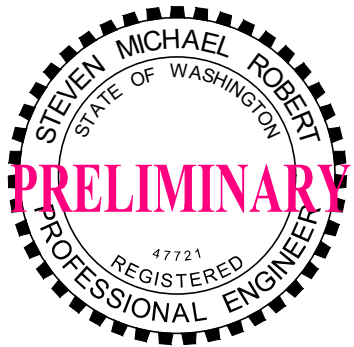
DEMOLITION QUANTITY ESTIMATE

TIMBER PIER (STRINGERS, CAPS, END BOARDS, DECK BOARDS)	1,260	SF
12"Ø TIMBER PILE APPROXIMATE 15-20' LENGTH	35	EA
24"Ø TIMBER DOLPHIN PILE APPROXIMATE 15-20'	2	EA
CONCRETE PIER BULKHEAD	19	TN

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LAKE FOREST PARK, WA 98155
2303.0384.02

70% DESIGN

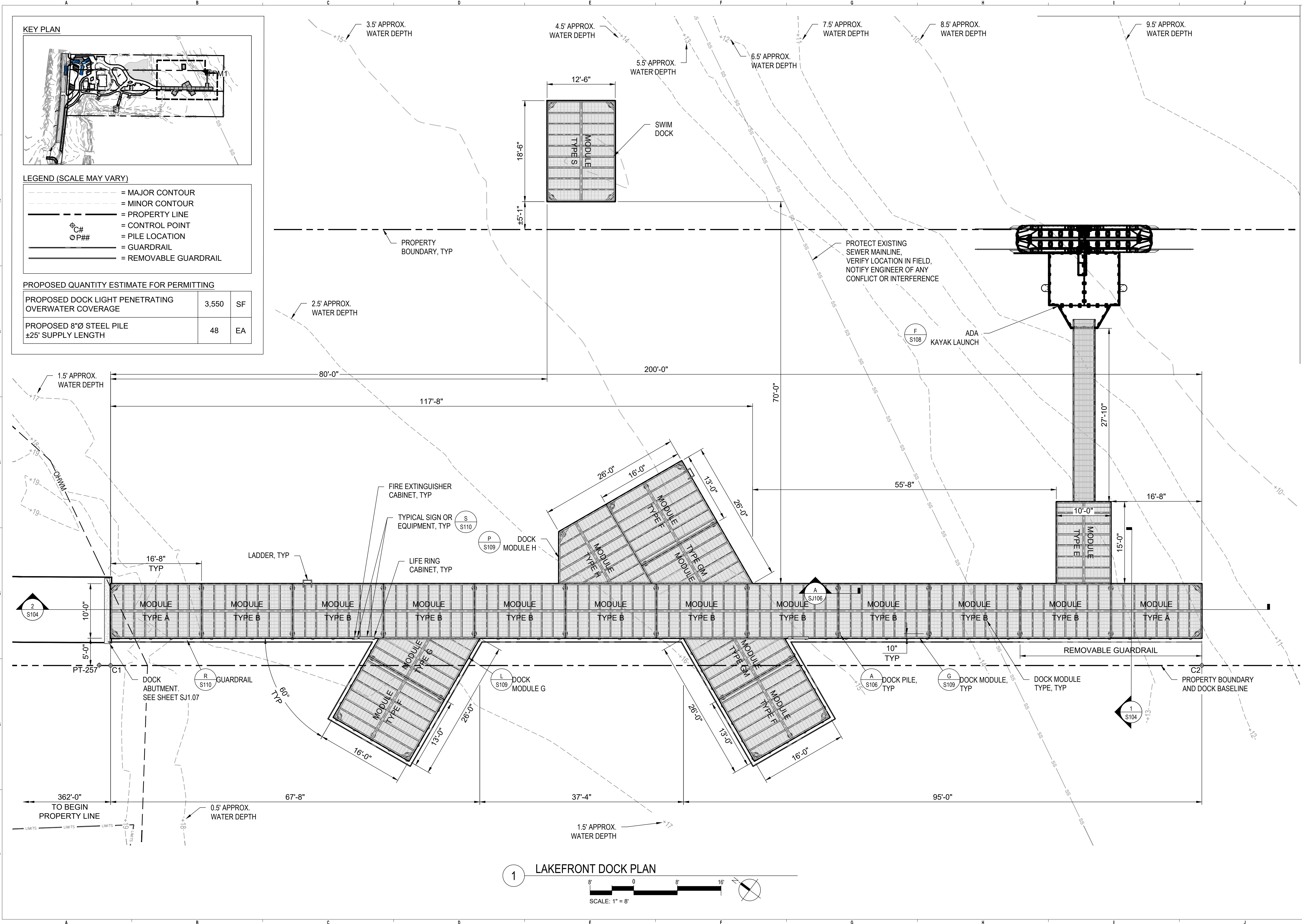
EXISTING
LAKEFRONT PIER
DEMOLITION PLAN
AND PROFILE

DATE: 09/16/2025

PLAN NUMBER:

SJ001
SHEET 100 OF 114

FILE LOCATION: Z:\SHARED\PROJECTS\ACTIVE\2023\0384.02 - LFP LAKEFRONT PARK PH 2\DRAWINGS\CAD\REVIT\ACT\FILES\03.SJ106.DWG - DOCK PLANS.DWG - ORIGINAL SHEET SIZE ARCH FULL BLEED D (36.00 X 24.00 INCHES) - LAST MODIFIED BY: JOSHUA SMITH
PRINCIPAL: SR PROJECT MANAGER: VN DESIGNED BY: DM DRAWN BY: NM CHECKED BY: VN



NO.	DATE	BY	REVISION

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BASE MAP TOPOGRAPHY PROVIDED BY OTHERS. DCG WATERSHED CANNOT BE HELD LIABLE FOR ACCURACY. CONTRACTOR SHALL FIELD VERIFY GRADES, UTILITIES AND ALL OTHER EXISTING FEATURES AND CONDITIONS. IF CONDITIONS ARE NOT SHOWN AND/OR PLANS CANNOT BE CONSTRUCTED AS SHOWN, CONTACT DCG WATERSHED PRIOR TO CONSTRUCTION.

PRELIMINARY

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(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)

LAKE FOREST PARK LAKEFRONT IMPROVEMENTS

17337, 17345, & 17347 BEACH DR NE
LAKE FOREST PARK, WA 98155
2303.0384.02

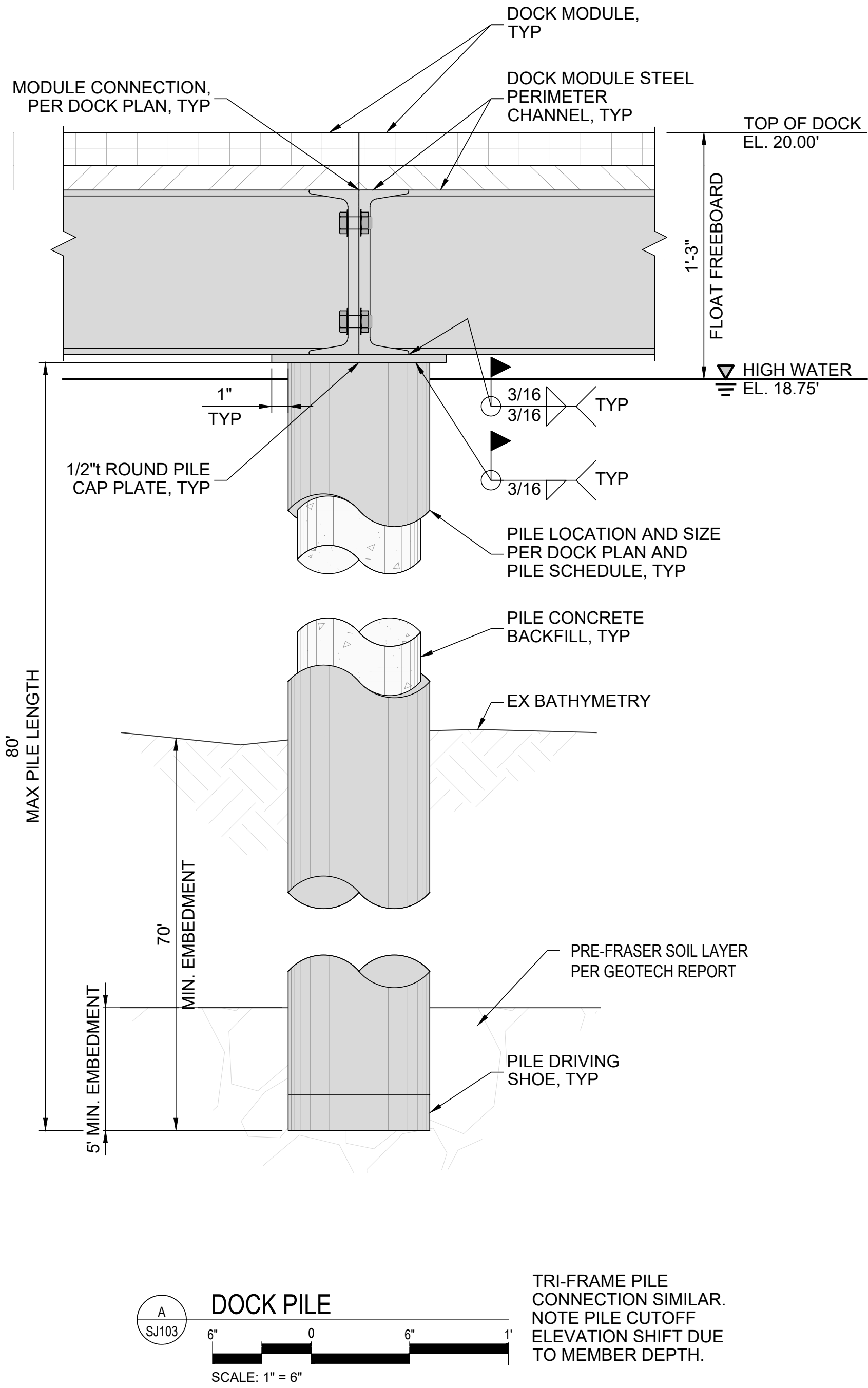
70% DESIGN

LAKEFRONT DOCK PLAN

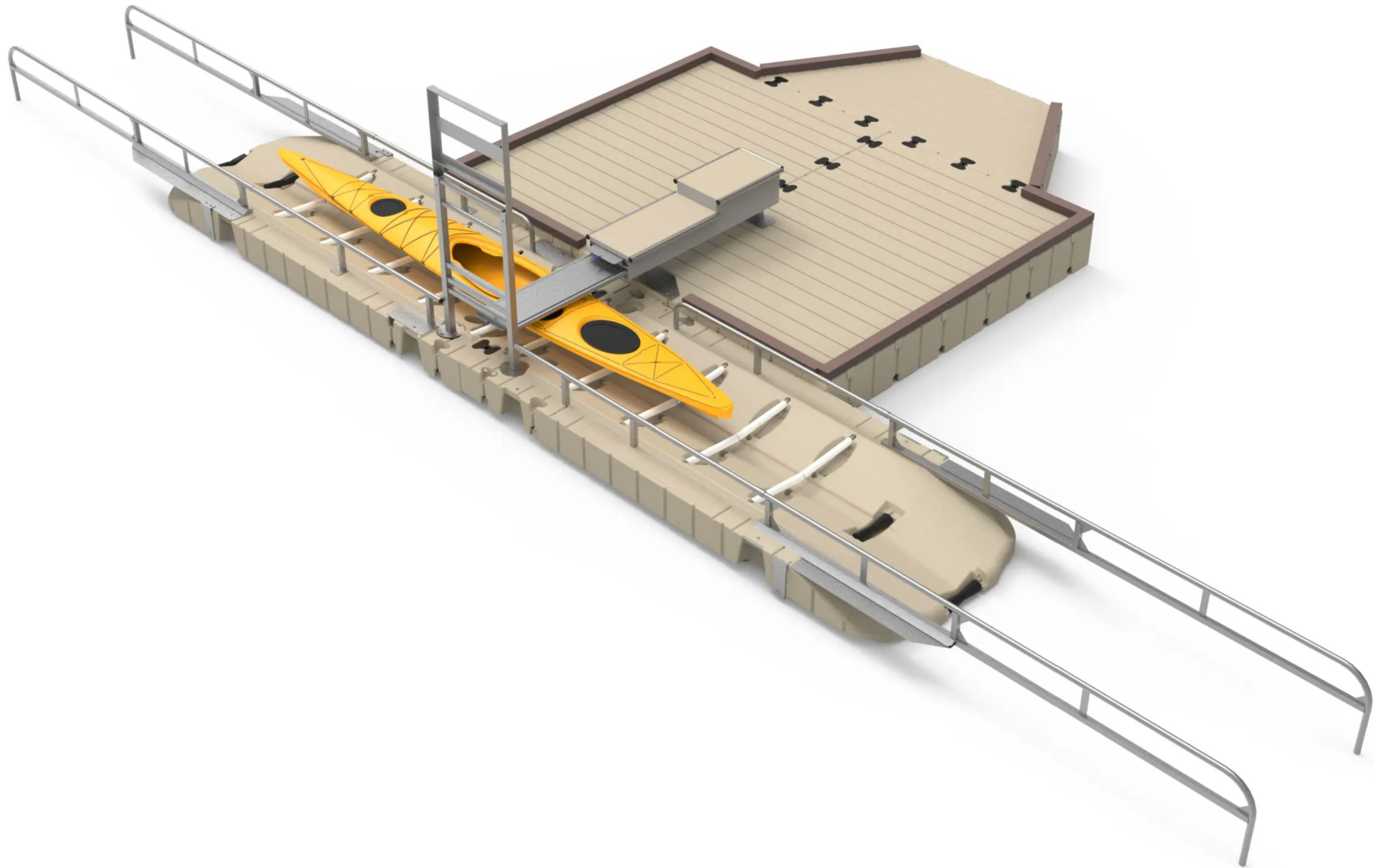
DATE: 09/16/2025
PLAN NUMBER:
SJ103
SHEET 104 OF 114

PILE	SIZE	STATION, OFFSET	NORTHING, EASTING	BATHYMETRY	SUPPLY	LOAD COMPRESSION
PA1	12"Øx5/8"t	0+00.83', 14.17' L	277947.62', 1285987.91'	+19.58'	70.00'	10 KIPS
PA2	12"Øx5/8"t	0+00.83', 5.83' L	277942.66', 1285981.22'	+19.72'	70.00'	10 KIPS
PB1	12"Øx5/8"t	0+16.67', 14.17' L	277934.90', 1285997.34'	+16.86'	75.00'	13 KIPS
PB2	12"Øx5/8"t	0+16.67', 5.83' L	277929.94', 1285990.64'	+16.99'	75.00'	13 KIPS
PC1	12"Øx5/8"t	0+33.33', 14.17' L	277921.51', 1286007.26'	+16.68'	75.00'	13 KIPS
PC2	12"Øx5/8"t	0+33.33', 5.83' L	277916.55', 1286000.57'	+16.84'	75.00'	13 KIPS
PD1	12"Øx5/8"t	0+50.00', 14.17' L	277908.12', 1286017.19'	+16.77'	75.00'	13 KIPS
PD2	12"Øx5/8"t	0+50.00', 5.83' L	277903.16', 1286010.49'	+16.89'	75.00'	15 KIPS
PD3	12"Øx5/8"t	0+48.03', 1.33' L	277902.06', 1286005.70'	+16.93'	75.00'	13 KIPS
PD4	12"Øx5/8"t	0+41.95', 9.21' R	277900.67', 1285993.61'	+17.11'	75.00'	8 KIPS
PD5	12"Øx5/8"t	0+48.16', 12.79' R	277893.55', 1285994.43'	+17.11'	75.00'	10 KIPS
PE1	12"Øx5/8"t	0+66.67', 14.17' L	277894.73', 1286027.11'	+16.52'	75.00'	13 KIPS
PE2	12"Øx5/8"t	0+66.67', 5.83' L	277889.77', 1286020.42'	+16.74'	75.00'	16 KIPS
PE3	12"Øx5/8"t	0+60.44', 5.84' R	277887.82', 1286007.34'	+17.06'	80.00'	14 KIPS
PE4	12"Øx5/8"t	0+54.36', 16.38' R	277886.43', 1285995.25'	+17.19'	80.00'	8 KIPS
PF1	12"Øx5/8"t	0+82.98', 24.04' L	277887.50', 1286044.76'	+15.79'	80.00'	9 KIPS
PF2	12"Øx5/8"t	0+83.33', 14.17' L	277881.34', 1286037.04'	+16.13'	80.00'	16 KIPS
PF3	12"Øx5/8"t	0+83.33', 5.83' L	277876.38', 1286030.34'	+16.38'	80.00'	13 KIPS
PG1	12"Øx5/8"t	0+98.16', 32.79' L	277880.53', 1286060.83'	+15.11'	80.00'	11 KIPS
PG2	12"Øx5/8"t	0+91.95', 29.21' L	277883.38', 1286054.26'	+15.33'	80.00'	10 KIPS
PG3	12"Øx5/8"t	0+98.03', 18.67' L	277872.22', 1286049.41'	+15.49'	80.00'	19 KIPS
PG4	12"Øx5/8"t	1+00.00', 14.17' L	277867.95', 1286046.96'	+15.62'	80.00'	15 KIPS
PG5	12"Øx5/8"t	1+00.00', 5.83' L	277862.99', 1286040.27'	+16.00'	80.00'	15 KIPS
PG6	12"Øx5/8"t	1+12.22', 5.84' R	277846.22', 1286038.17'	+16.01'	80.00'	14 KIPS
PG7	12"Øx5/8"t	1+18.31', 16.38' R	277835.06', 1286033.33'	+15.97'	80.00'	9 KIPS
PG8	12"Øx5/8"t	1+24.51', 12.79' R	277832.21', 1286039.90'	+15.63'	80.00'	11 KIPS
PH1	12"Øx5/8"t	1+04.36', 36.38' L	277877.68', 1286067.41'	+14.85'	80.00'	9 KIPS
PH2	12"Øx5/8"t	1+10.44', 25.84' L	277866.52', 1286062.56'	+14.80'	80.00'	14 KIPS
PH3	12"Øx5/8"t	1+16.67', 14.17' L	277854.56', 1286056.89'	+15.06'	80.00'	16 KIPS
PH4	12"Øx5/8"t	1+16.67', 5.83' L	277849.60', 1286050.19'	+15.40'	80.00'	17 KIPS
PH5	12"Øx5/8"t	1+24.63', 1.33' L	277840.52', 1286051.32'	+15.27'	80.00'	13 KIPS
PH6	12"Øx5/8"t	1+30.72', 9.21' R	277829.35', 1286046.48'	+15.33'	80.00'	9 KIPS
PI1	12"Øx5/8"t	1+33.33', 14.17' L	277841.18', 1286066.81'	+14.47'	80.00'	13 KIPS
PI2	12"Øx5/8"t	1+33.33', 5.83' L	277836.21', 1286060.12'	+14.75'	80.00'	14 KIPS
PJ2	12"Øx5/8"t	1+50.00', 14.17' L	277827.79', 1286076.74'	+14.19'	80.00'	13 KIPS
PJ3	12"Øx5/8"t	1+50.00', 5.83' L	277822.82', 1286070.04'	+14.24'	80.00'	13 KIPS
PK3	12"Øx5/8"t	1+66.67', 14.17' L	277814.40', 1286086.66'	+13.73'	80.00'	15 KIPS
PK4	12"Øx5/8"t	1+66.67', 5.83' L	277809.43', 1286079.97'	+13.78'	80.00'	13 KIPS
PL1	12"Øx5/8"t	1+71.27', 69.15' L	277843.44', 1286133.57'	+10.43'	80.00'	10 KIPS
PL2	12"Øx5/8"t	1+74.17', 30.00' L	277817.80', 1286103.85'	+13.27'	80.00'	18 KIPS
PL3	12"Øx5/8"t	1+83.33', 14.17' L	277801.01', 1286096.59'	+13.07'	80.00'	13 KIPS
PL4	12"Øx5/8"t	1+83.33', 5.83' L	277796.04', 1286089.89'	+13.18'	80.00'	10 KIPS
PM1	12"Øx5/8"t	1+85.61', 69.16' L	277831.92', 1286142.12'	+9.90'	80.00'	10 KIPS
PM2	12"Øx5/8"t	1+82.50', 30.00' L	277811.11', 1286108.81'	+12.58'	80.00'	10 KIPS
PM4	12"Øx5/8"t	1+99.17', 14.17' L	277788.29', 1286106.02'	+11.79'	80.00'	11 KIPS
PM5	12"Øx5/8"t	1+99.17', 5.83' L	277783.33', 1286099.32'	+12.16'	80.00'	11 KIPS

PILE SCHEDULE						
PILE	SIZE	STATION, OFFSET	NORTHING, EASTING	BATHYMETRY	SUPPLY	LOAD COMPRESSION
PS1	12"Øx5/8"t	0+80.83', 102.67' L	277936.05', 1286106.65'	+14.93'	80.00'	11 KIPS
PS2	12"Øx5/8"t	0+80.83', 85.83' L	277926.03', 1286093.12'	+14.95'	80.00'	11 KIPS
PS3	12"Øx5/8"t	0+91.67', 102.67' L	277927.35', 1286113.10'	+14.61'		
PS4	12"Øx5/8"t	0+91.67', 85.83' L	277917.33', 1286099.58'	+14.98'		

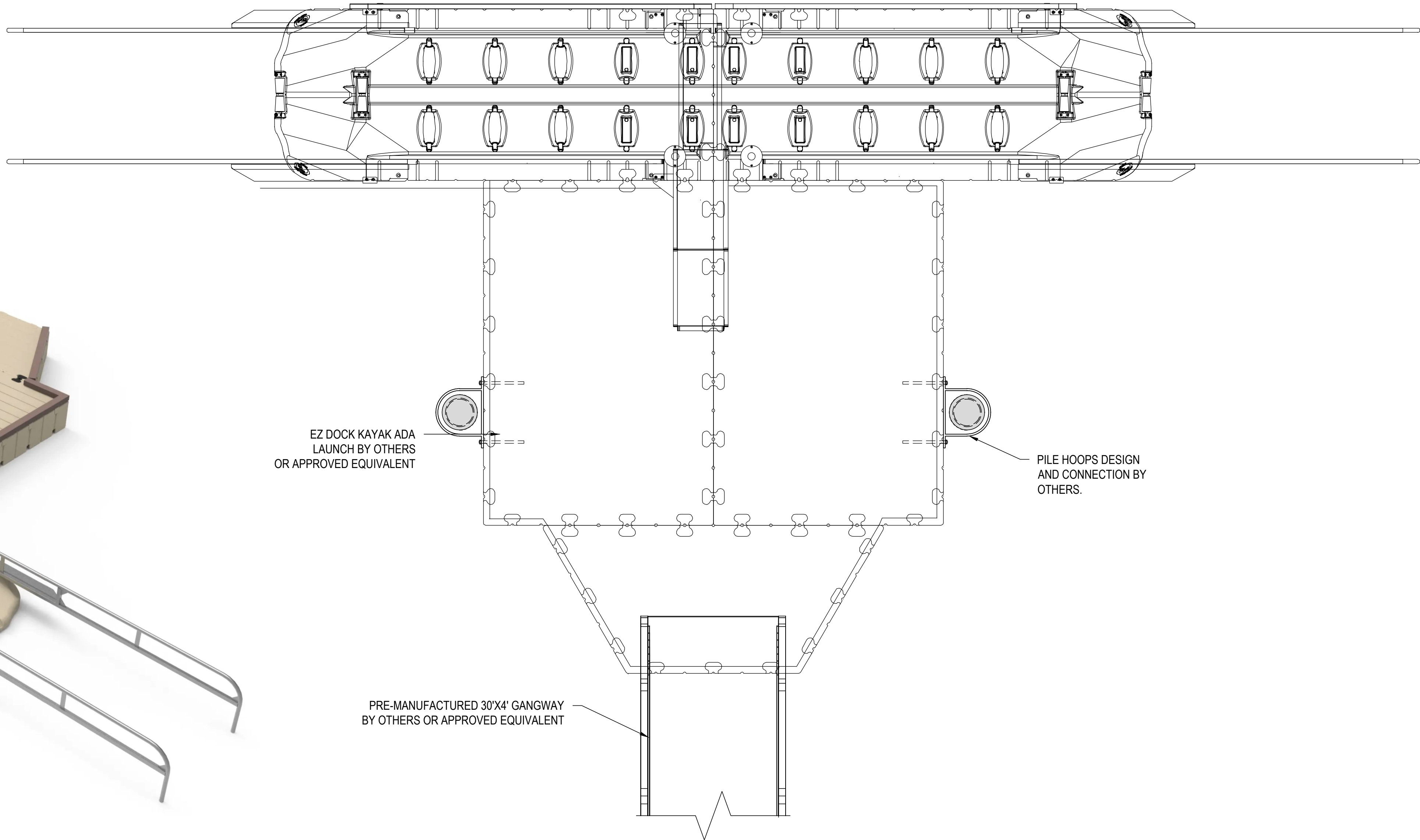
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PRINCIPAL: ED PROJECT MANAGER: ED DESIGNED BY: J.L. DRAWN BY: MH CHECKED BY: ED



ADA KAYAK LAUNCH ISO VIEW

NTS



F
SJ103

ADA KAYAK LAUNCH PLAN DETAIL



SCALE: 1" = 2'

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2303.0384.02

70% DESIGN

KAYAK LAUNCH
DETAILS

DATE: 09/16/2025

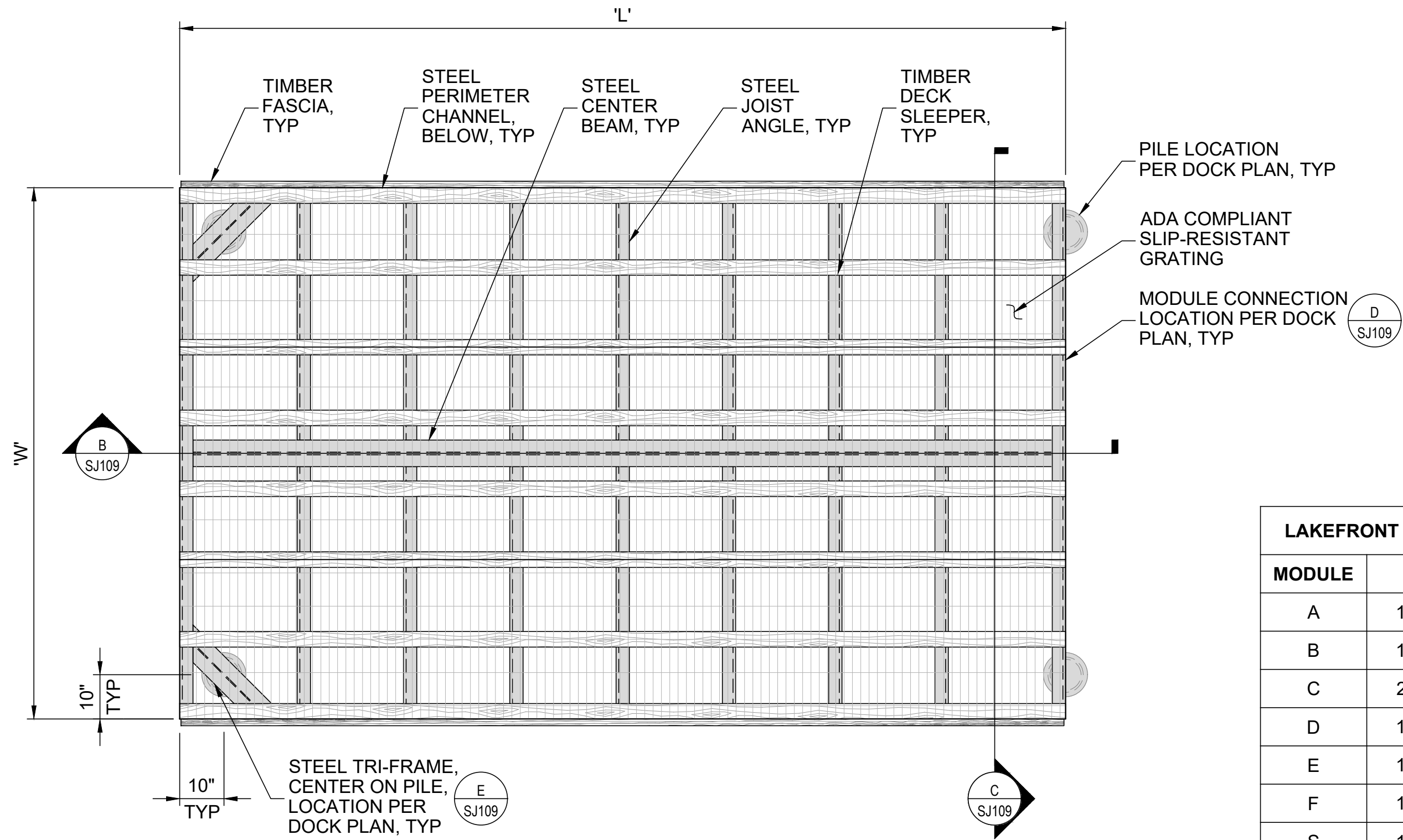
PLAN NUMBER:

SJ108

SHEET 11 OF 114

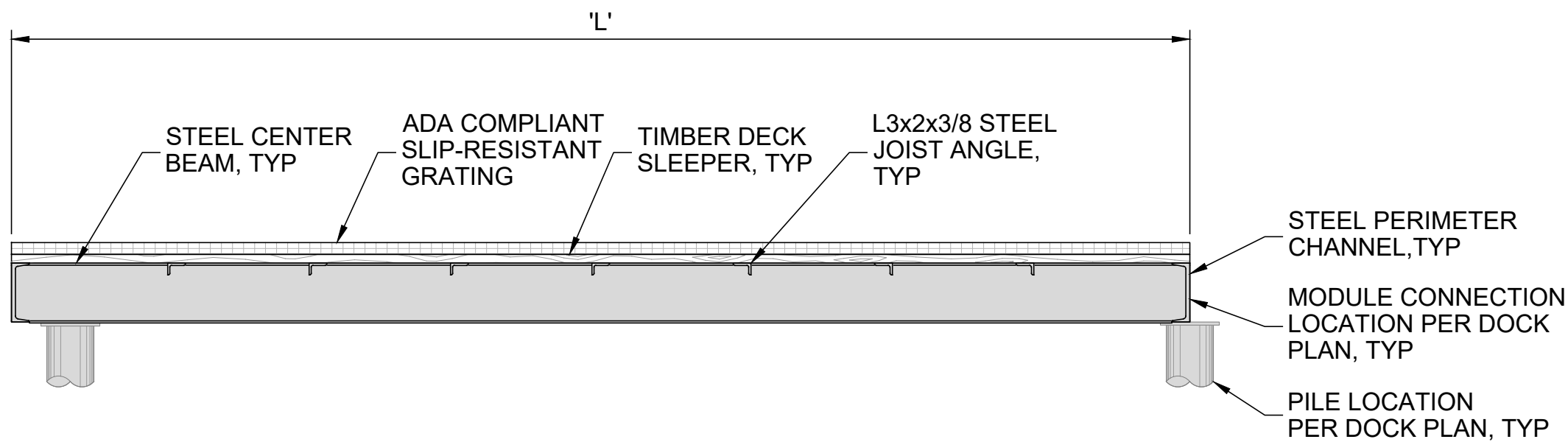
BASE MAP TOPOGRAPHY PROVIDED BY OTHERS. DCG WATERSHED CANNOT BE HELD
LIABLE FOR ACCURACY. CONTRACTOR SHALL FIELD VERIFY GRADES, UTILITIES AND
ALL OTHER EXISTING FEATURES AND CONDITIONS. IF CONDITIONS ARE NOT AS
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PRINCIPAL: SR PROJECT MANAGER: VN DESIGNED BY: DM DRAWN BY: NM CHECKED BY: VN

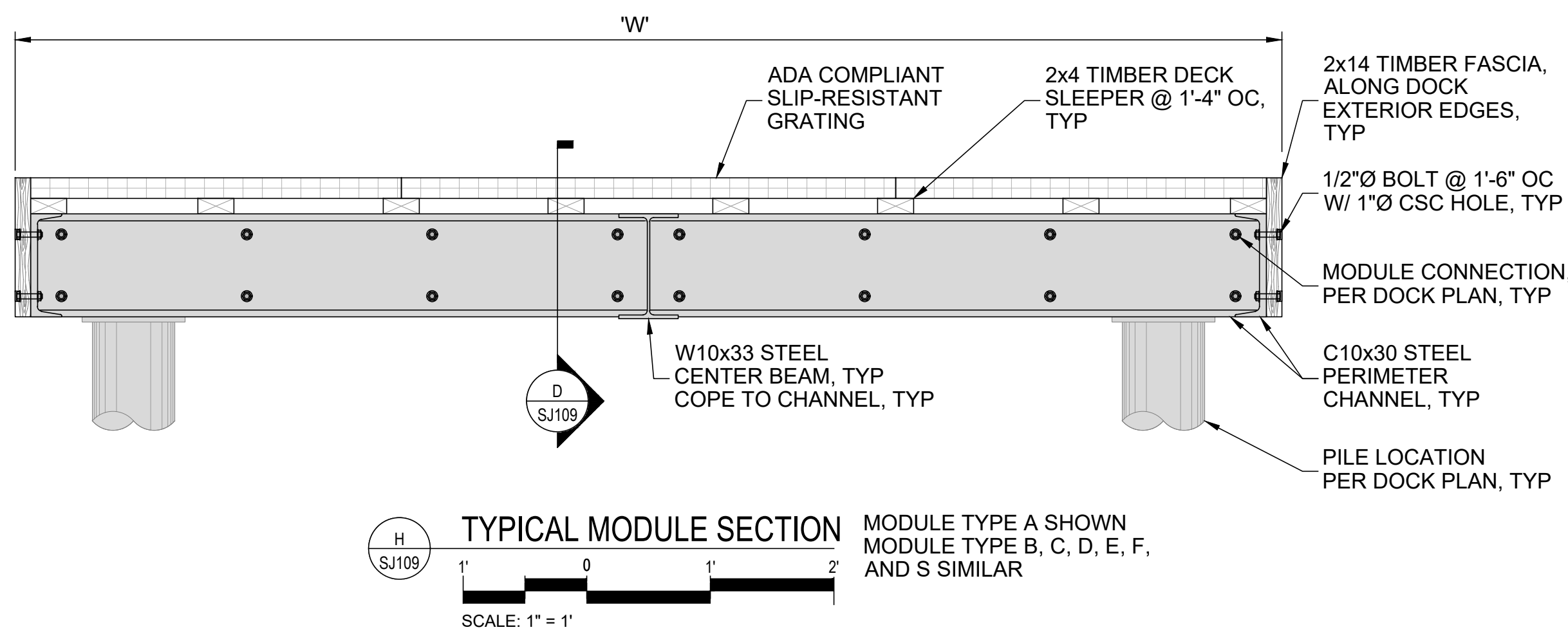


TYPICAL MODULE PLAN
SCALE: 1" = 2'
MODULE TYPE A SHOWN
MODULE TYPE B, C, D, E, F,
AND S SIMILAR

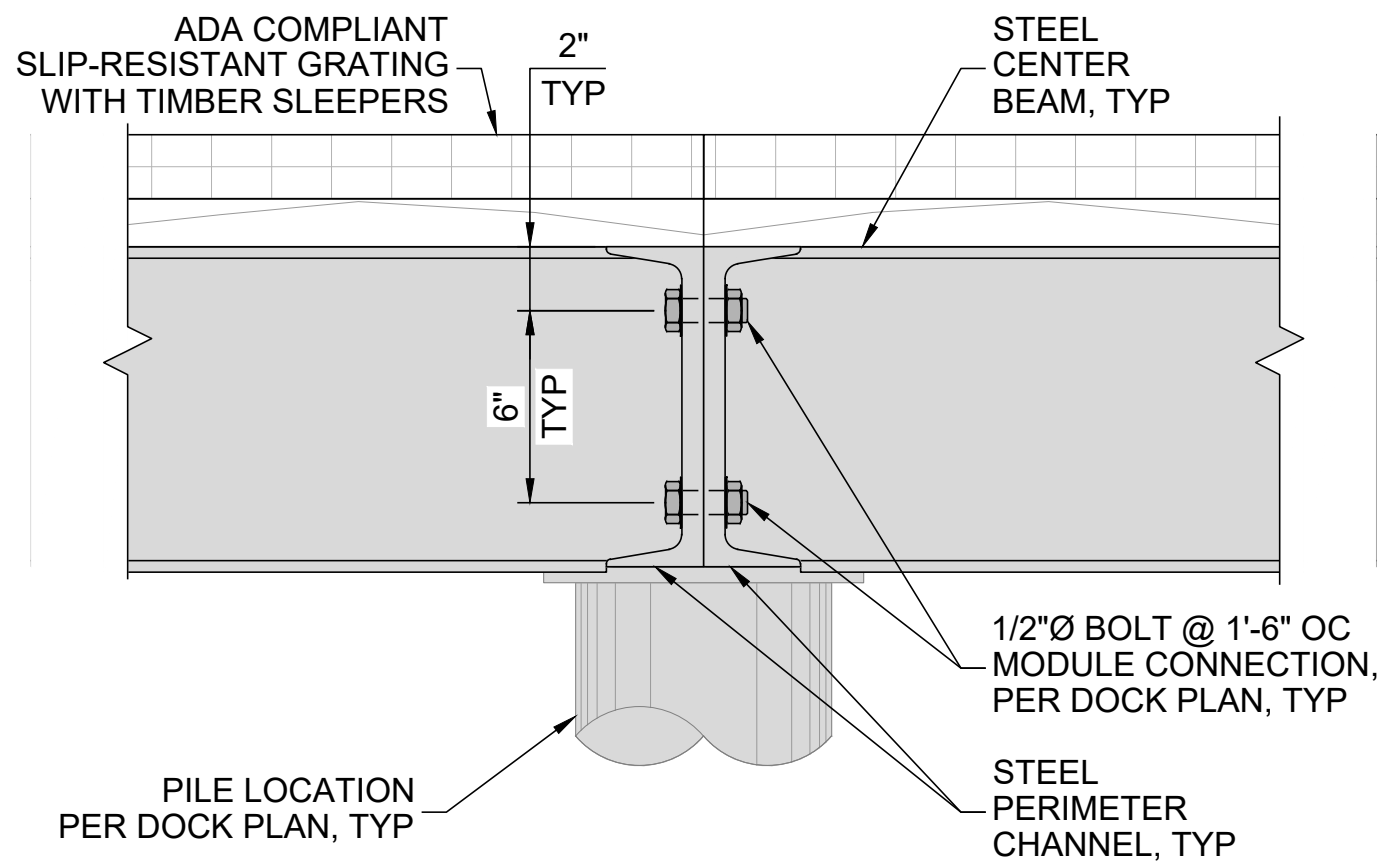
LAKEFRONT PARK MODULES		
MODULE	L	W
A	16'-8"	10'-0"
B	16'-8"	10'-0"
C	21'-6"	10'-0"
D	15'-0"	10'-0"
E	15'-0"	10'-0"
F	13'-0"	16'-0"
S	18'-6"	12'-6"



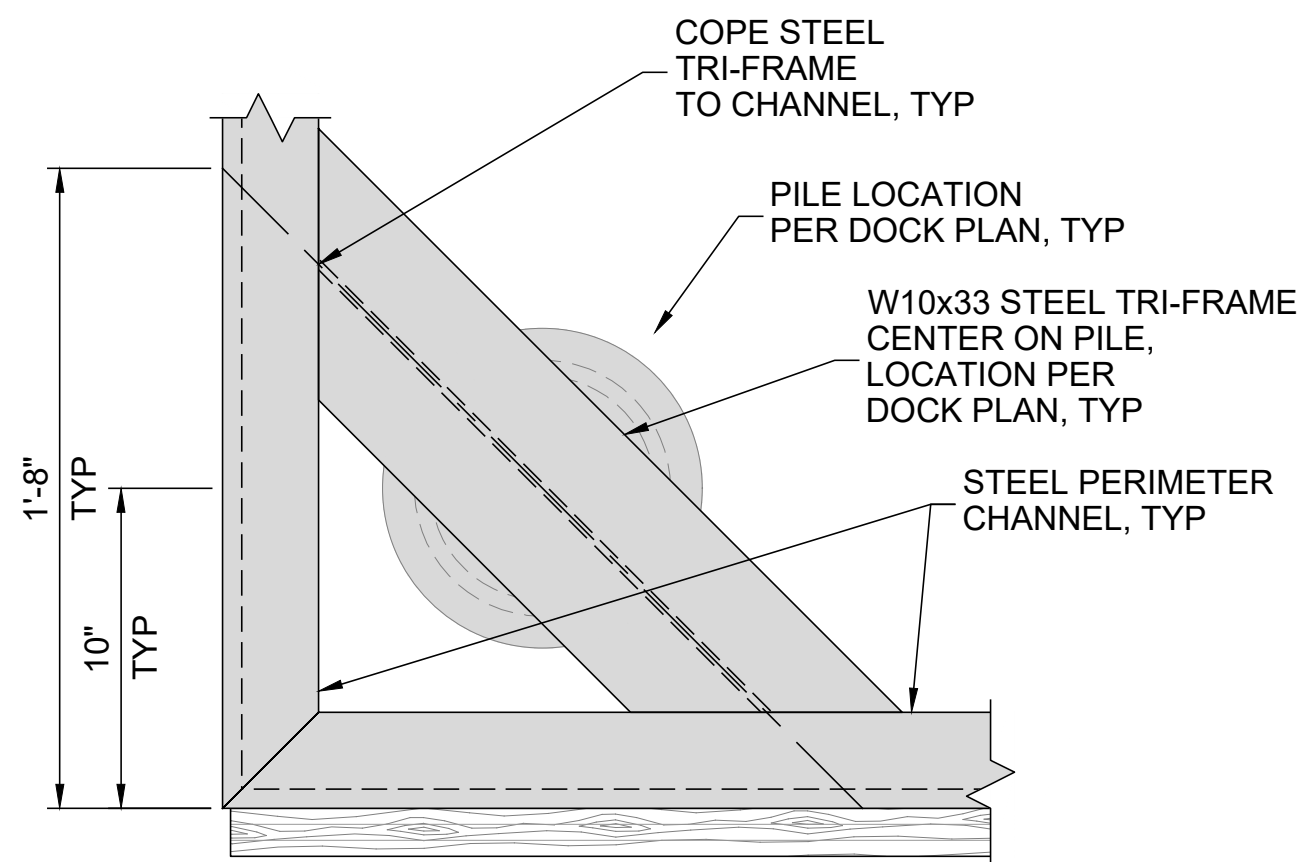
TYPICAL MODULE SECTION
SCALE: 1" = 2'
MODULE TYPE A SHOWN
MODULE TYPE B, C, D, E, F,
AND S SIMILAR



TYPICAL MODULE SECTION
SCALE: 1" = 1'
MODULE TYPE A SHOWN
MODULE TYPE B, C, D, E, F,
AND S SIMILAR



MODULE CONNECTION
SCALE: 1" = 6"



MODULE TRI-FRAME
SCALE: 1" = 6"

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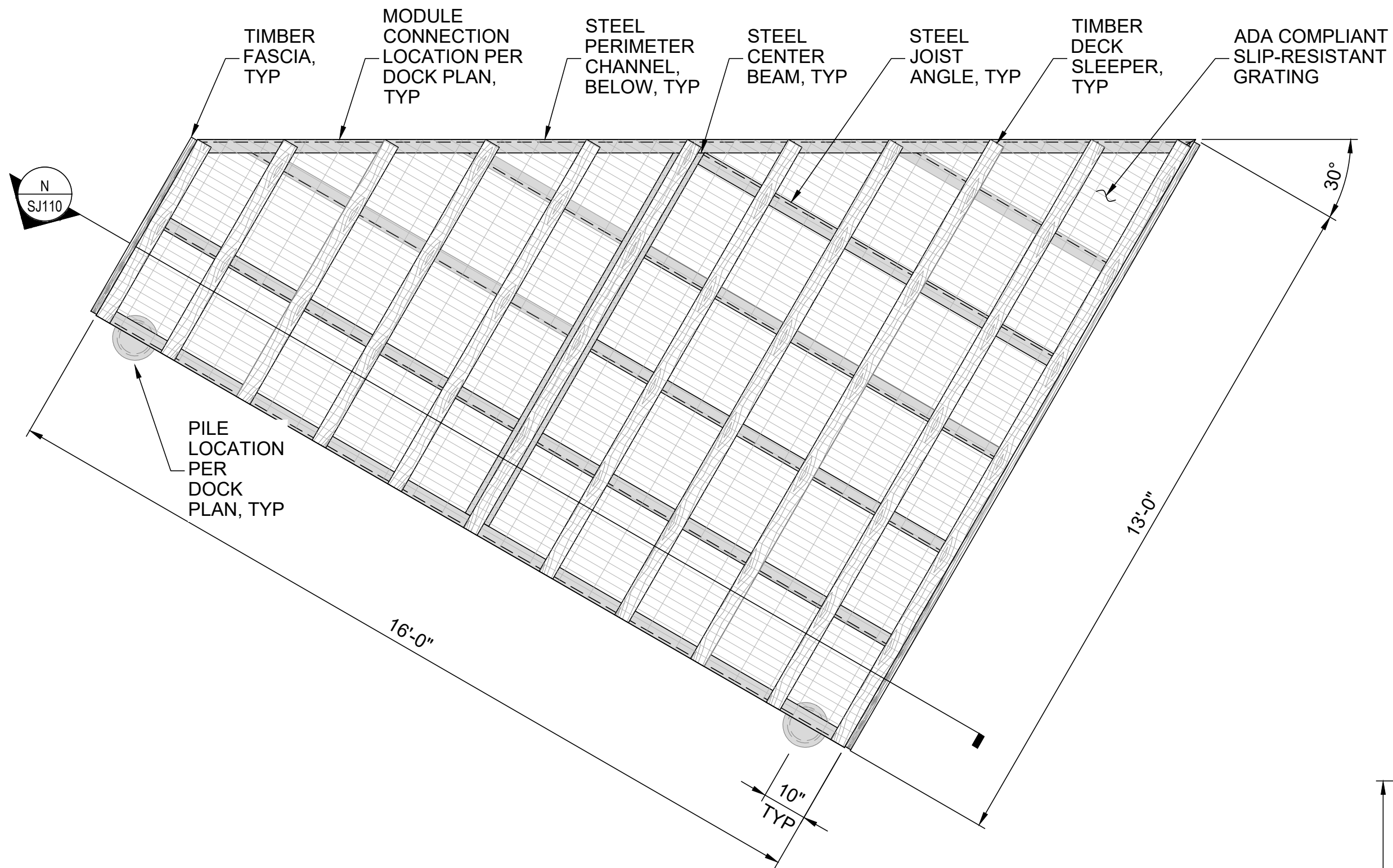
LAKE FOREST PARK LAKEFRONT IMPROVEMENTS
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2303.0384.02

70% DESIGN

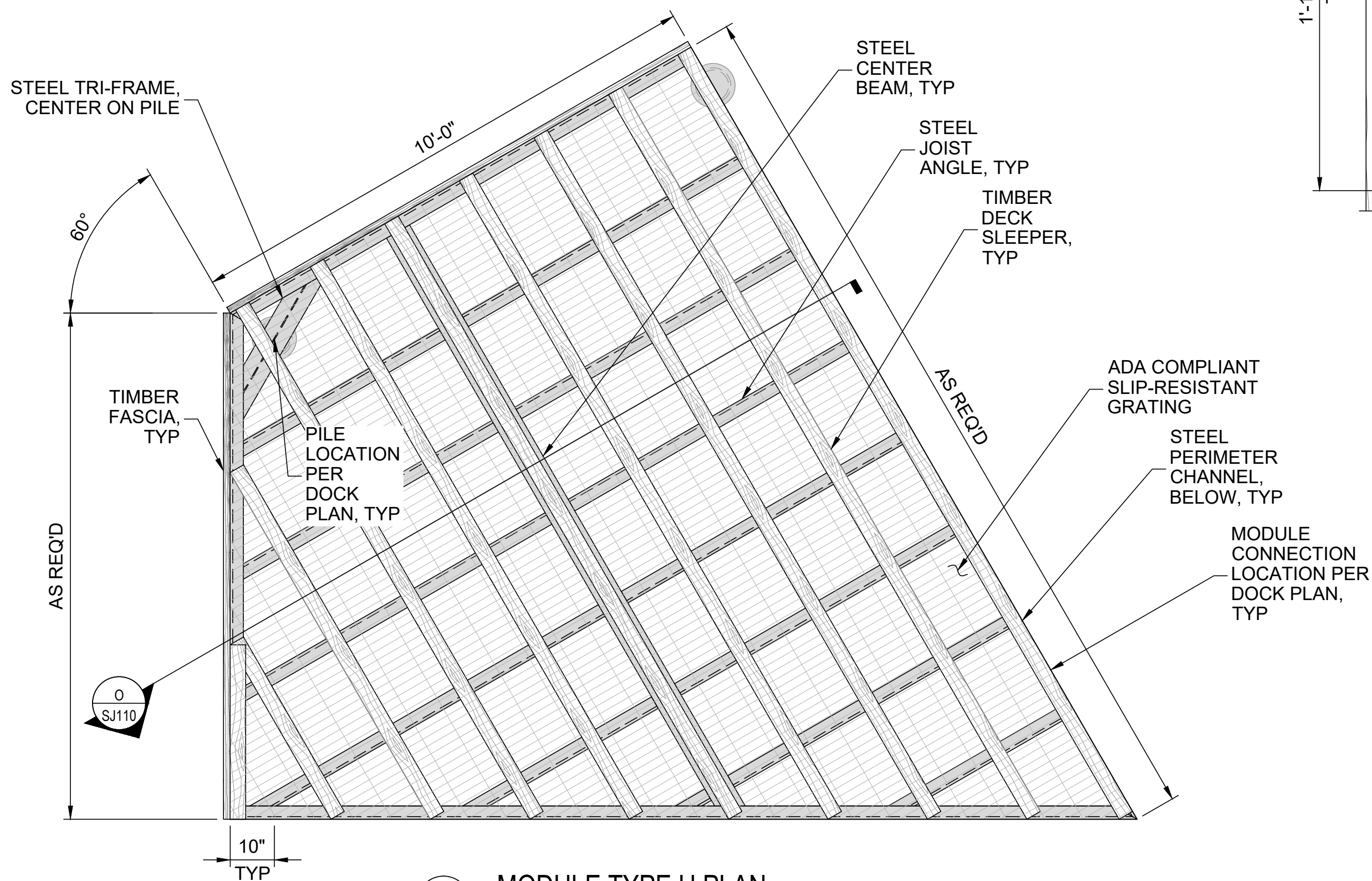
**LAKEFRONT DOCK
TYPICAL MODULE
DETAILS**

DATE: 9/18/2025
PLAN NUMBER:
SJ109
SHEET 109 OF 114

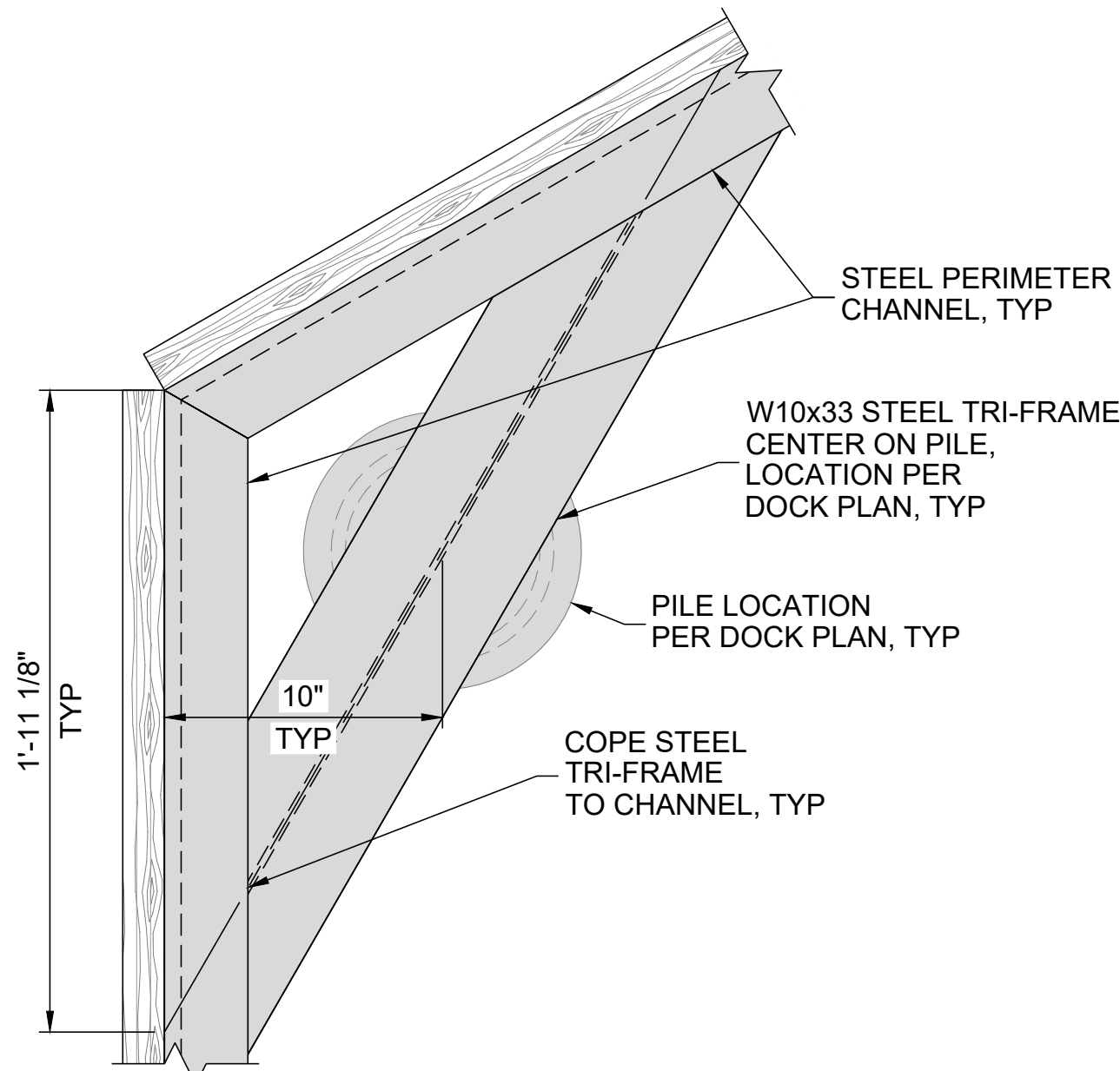
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PRINCIPAL: SR PROJECT MANAGER: ED DESIGNED BY: DM DRAWN BY: NM CHECKED BY: DM



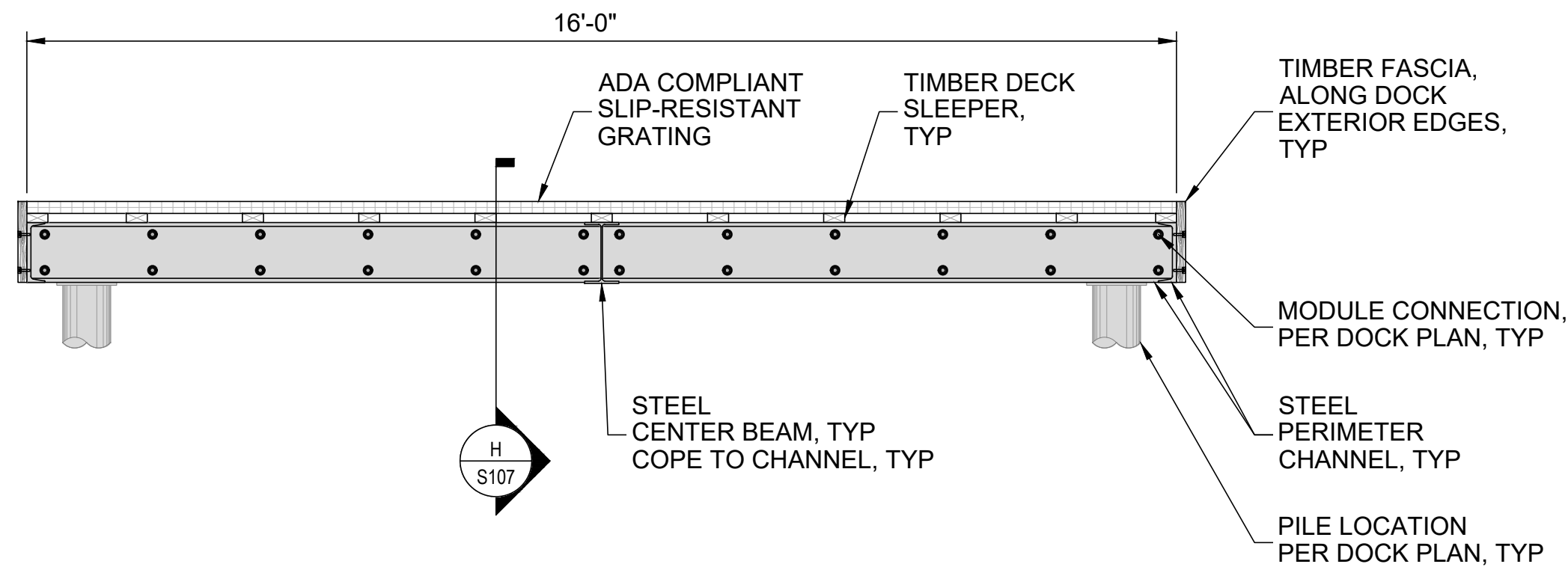
MODULE TYPE G PLAN
MODULE TYPE G SHOWN
MODULE TYPE GM MIRRORED
SCALE: 1" = 2'



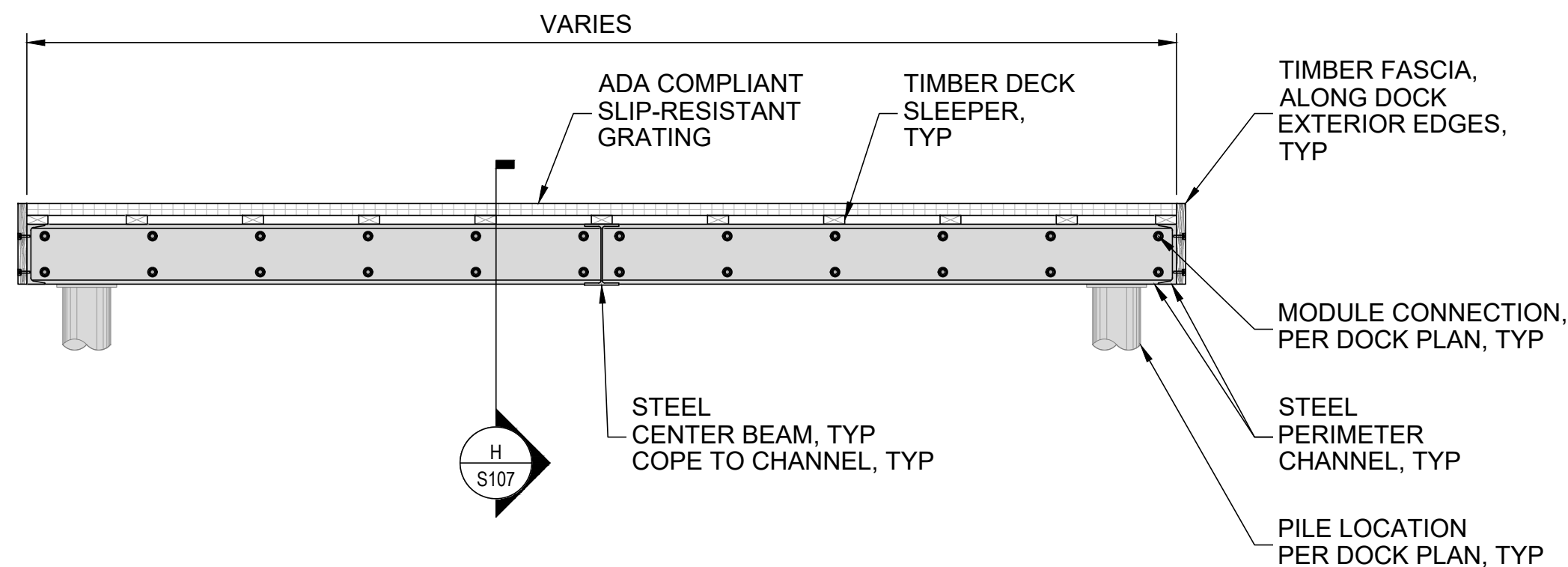
MODULE TYPE H PLAN
SCALE: 1" = 2'



STEEL TRI FRAME
SCALE: 1" = 6"



MODULE TYPE G SECTION
SCALE: 1" = 2'



MODULE TYPE H SECTION
SCALE: 1" = 2'

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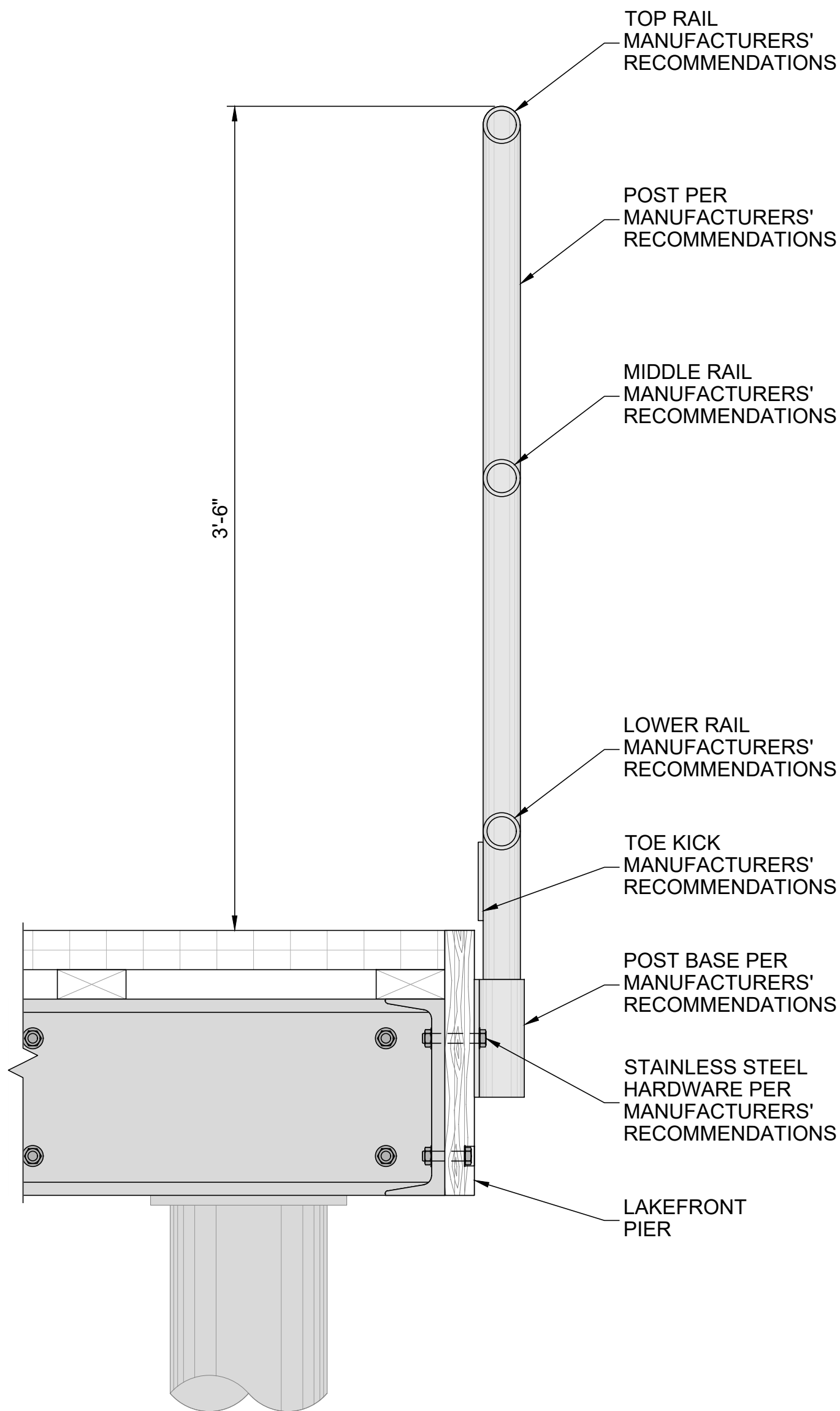
70% DESIGN

**LAKEFRONT DOCK
MODULE G AND H
DETAILS**

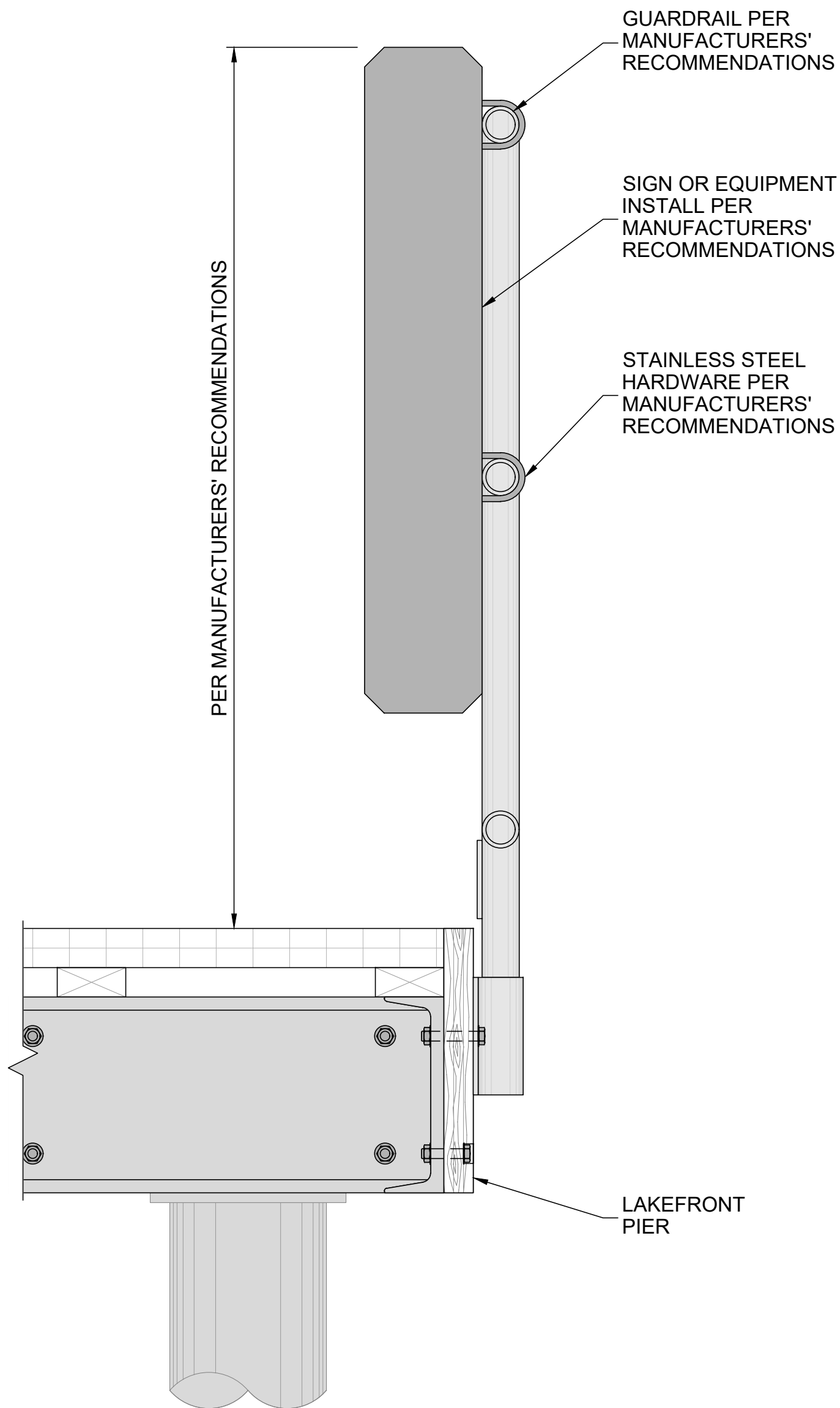
DATE: 9/18/2025
PLAN NUMBER:
SJ110
SHEET 110 OF 114

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PRINCIPAL: SR PROJECT MANAGER: VN DESIGNED BY: DM DRAWN BY: NM CHECKED BY: DM



Q
SJ111
TYPICAL GUARDRAIL
SCALE: 1" = 2'



R
SJ111
TYPICAL EQUIPMENT
SCALE: 1" = 2'

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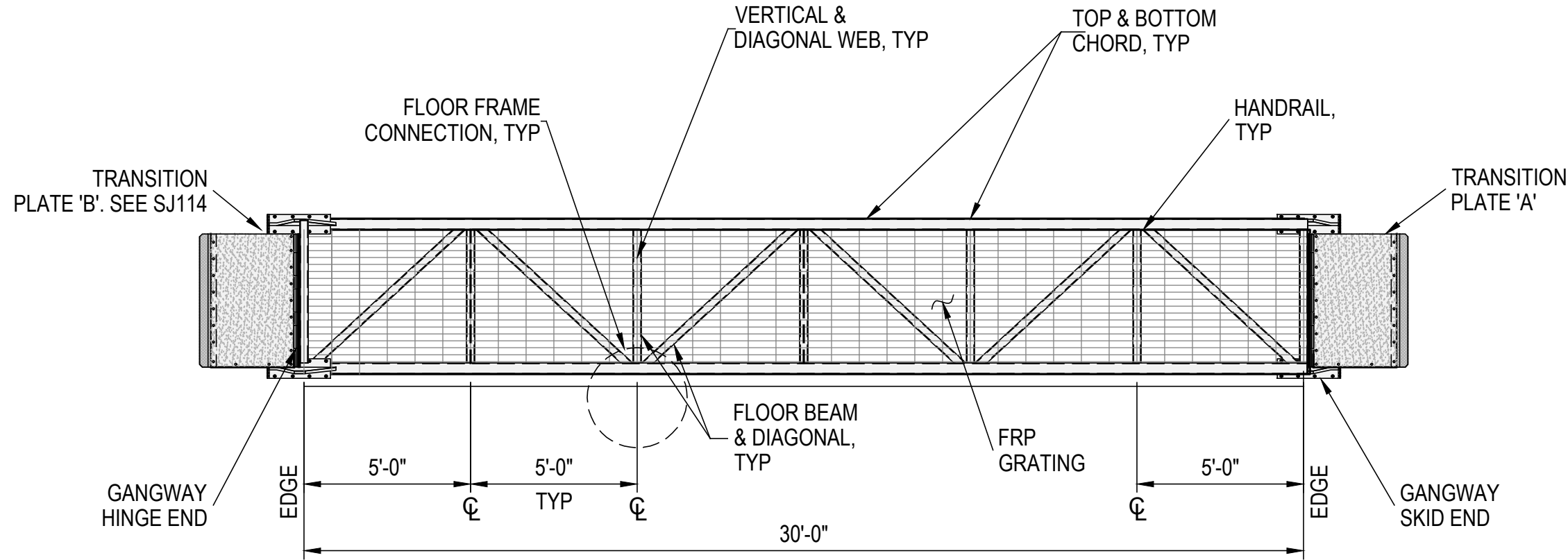
LAKE FOREST PARK LAKEFRONT IMPROVEMENTS
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2303.0384.02

70% DESIGN

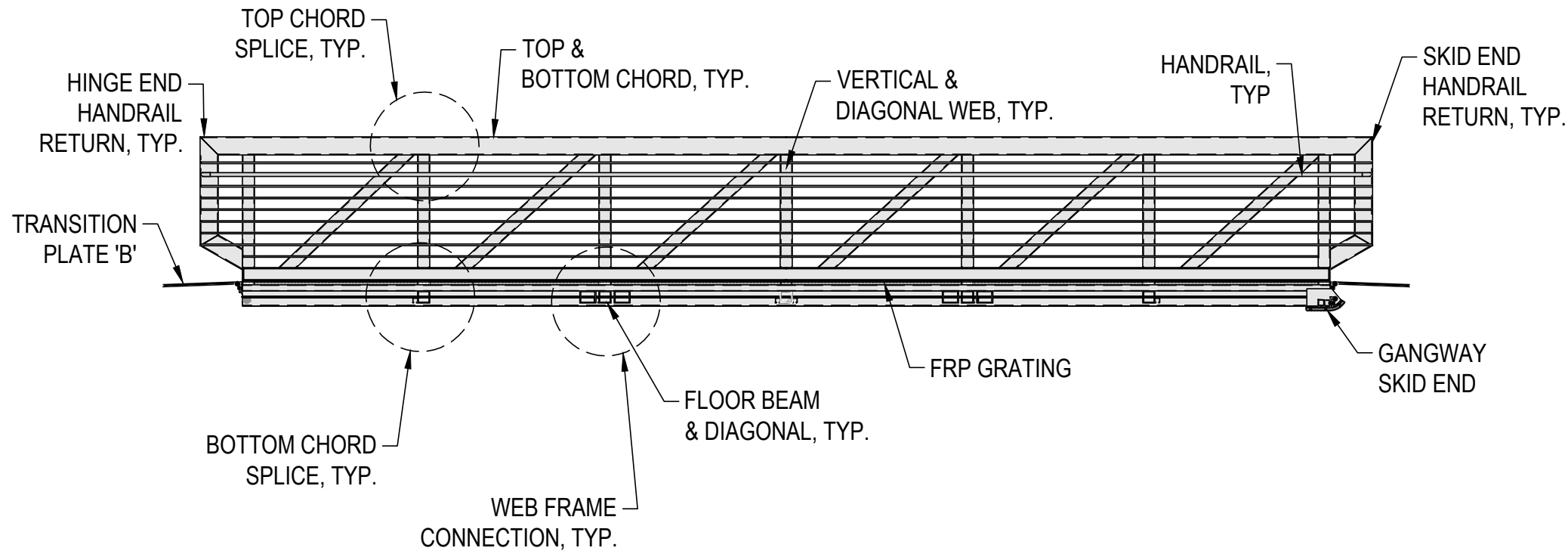
**LAKEFRONT DOCK
DETAILS
PLACEHOLDER**

DATE: 9/18/2025
PLAN NUMBER:
SJ111
SHEET 111 OF 114

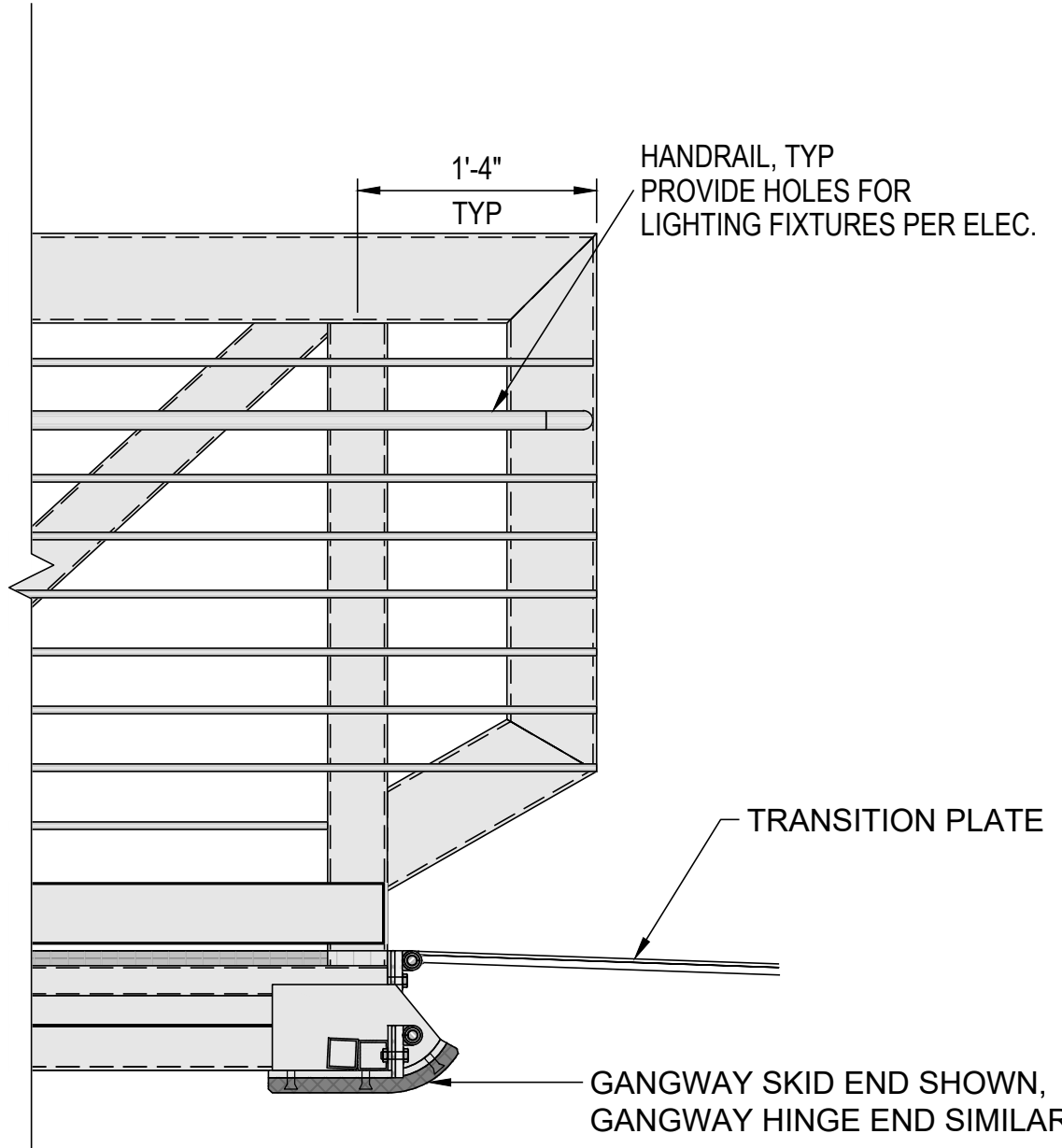
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PRINCIPAL: SR PROJECT MANAGER: SJ111 DESIGNED BY: DM DRAWN BY: NM CHECKED BY: NM



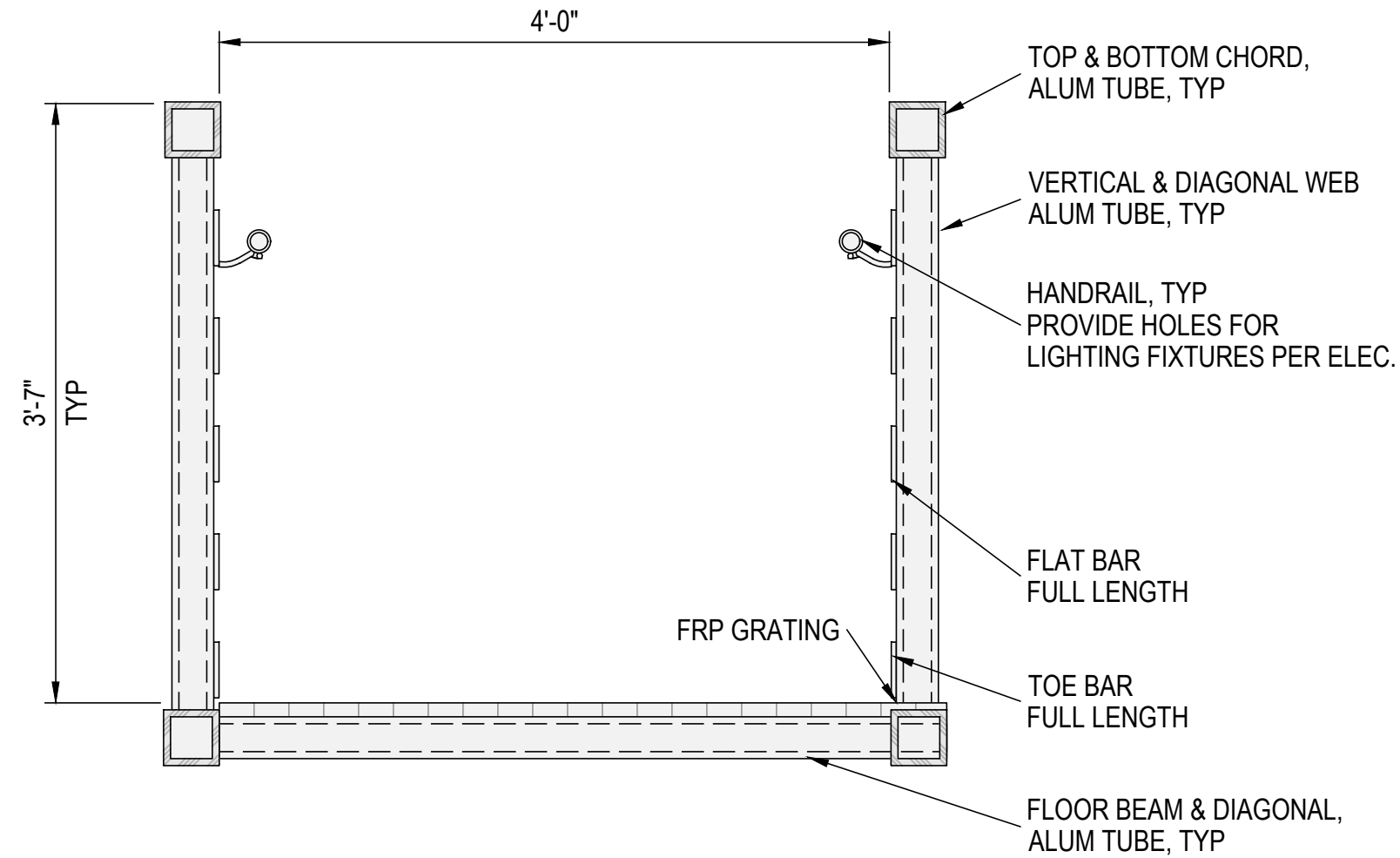
GANGWAY PLAN



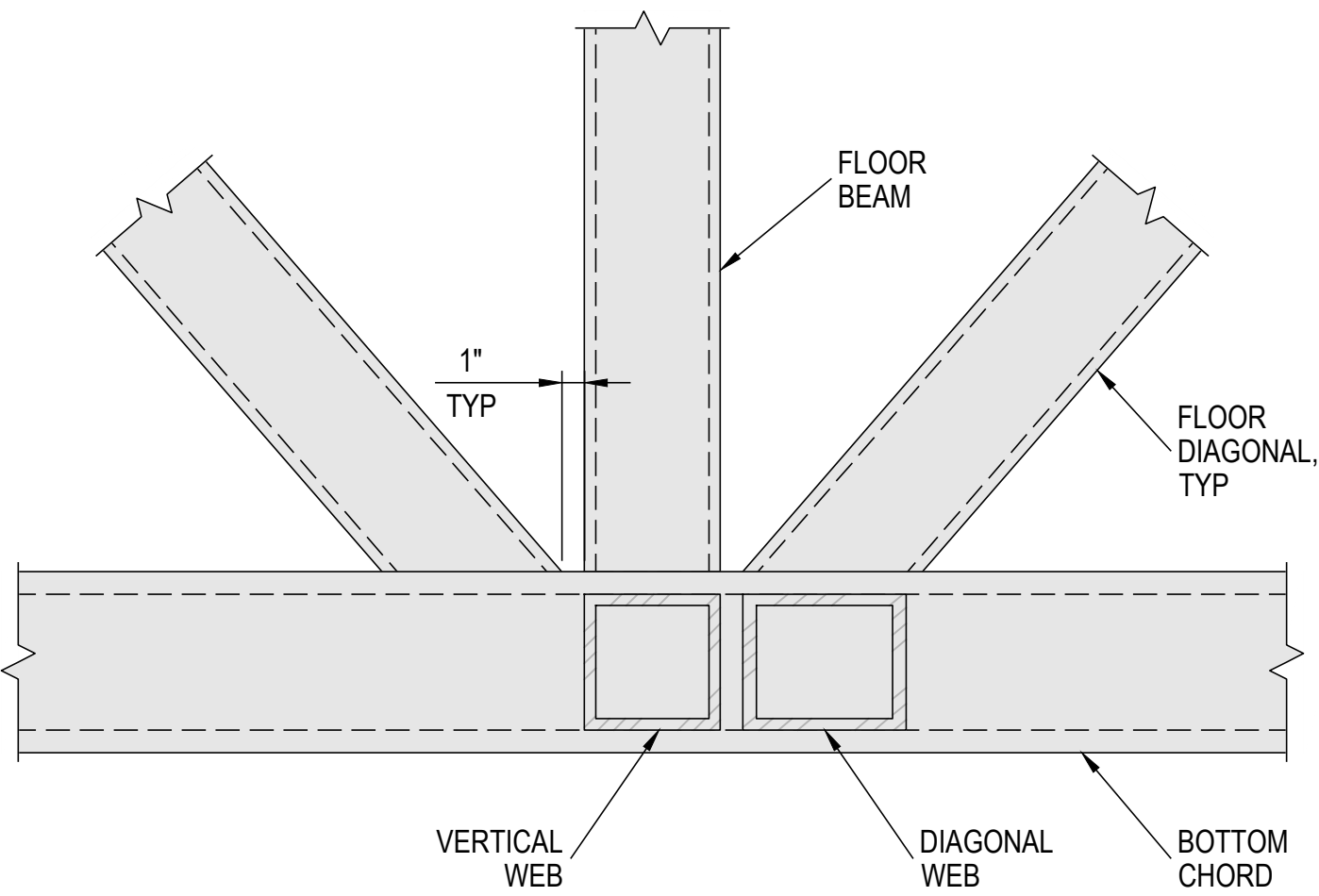
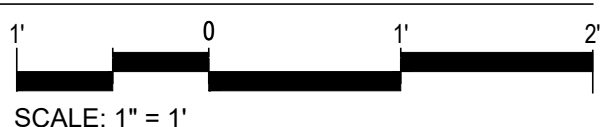
GANGWAY SECTION



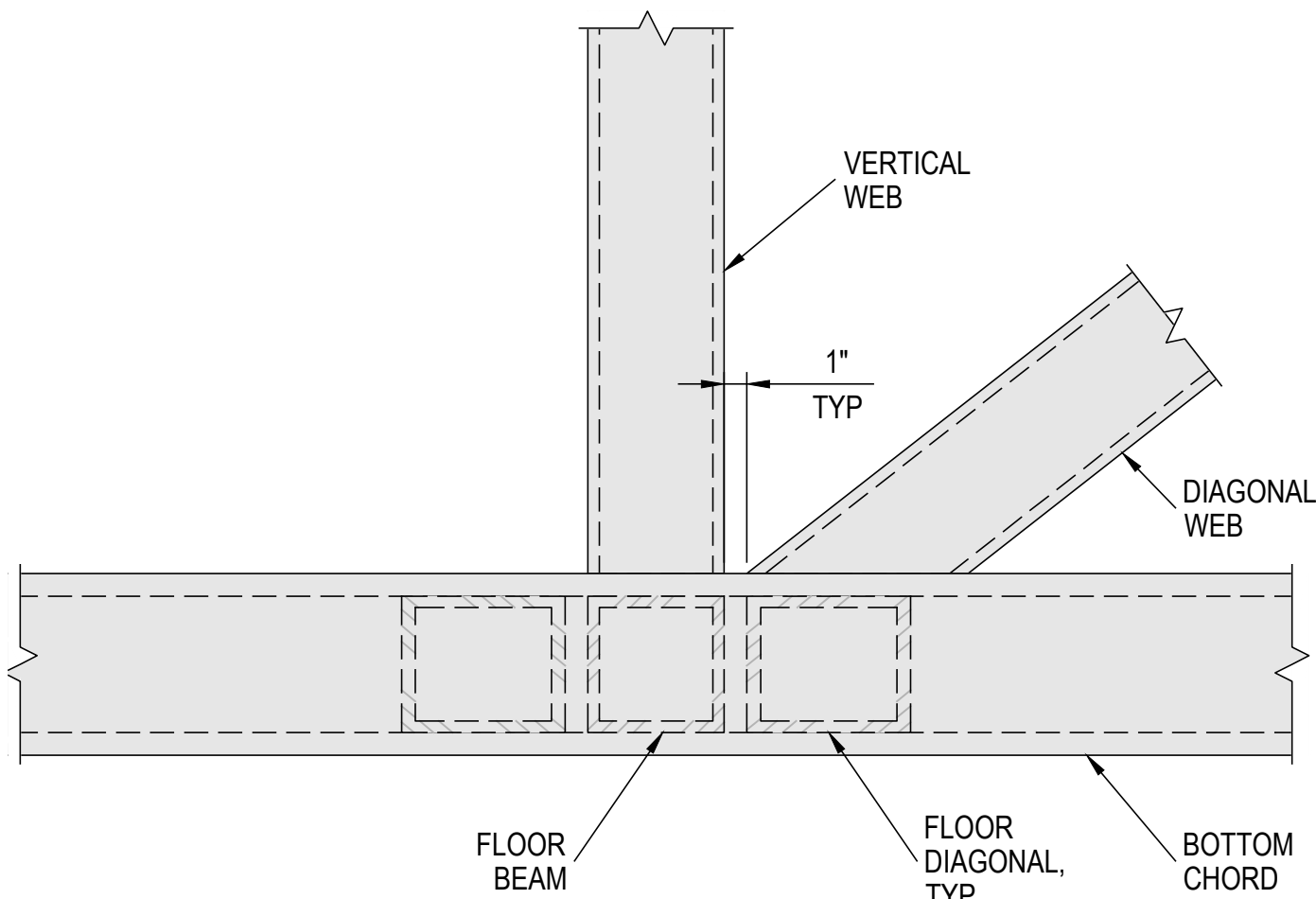
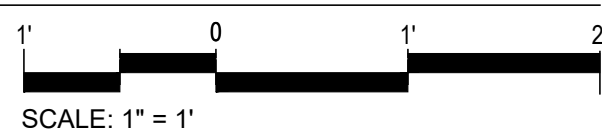
HANDRAIL RETURN



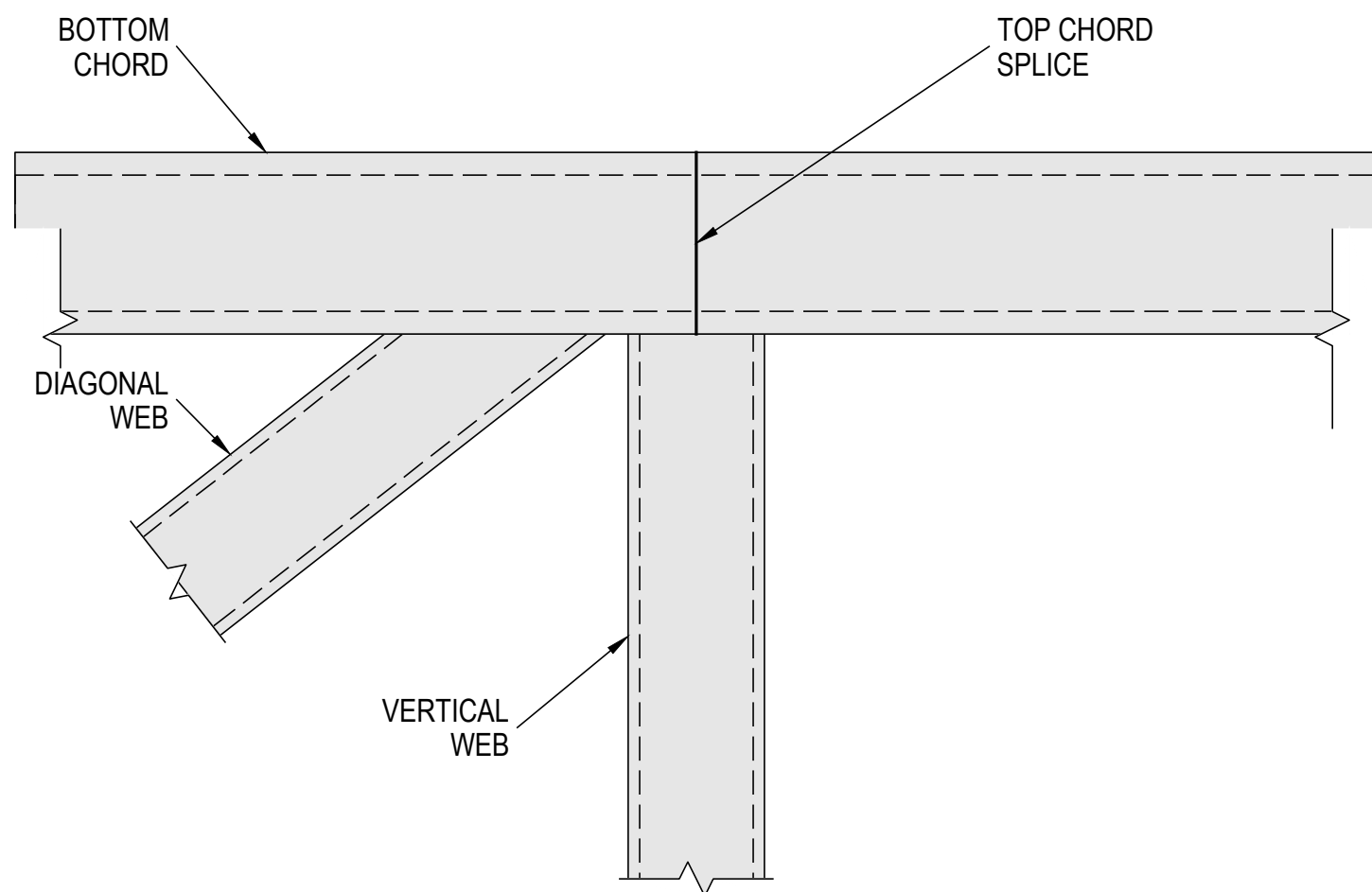
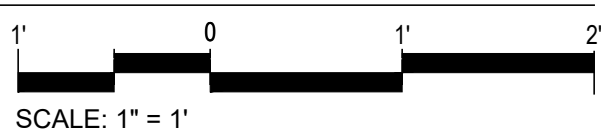
GANGWAY SECTION



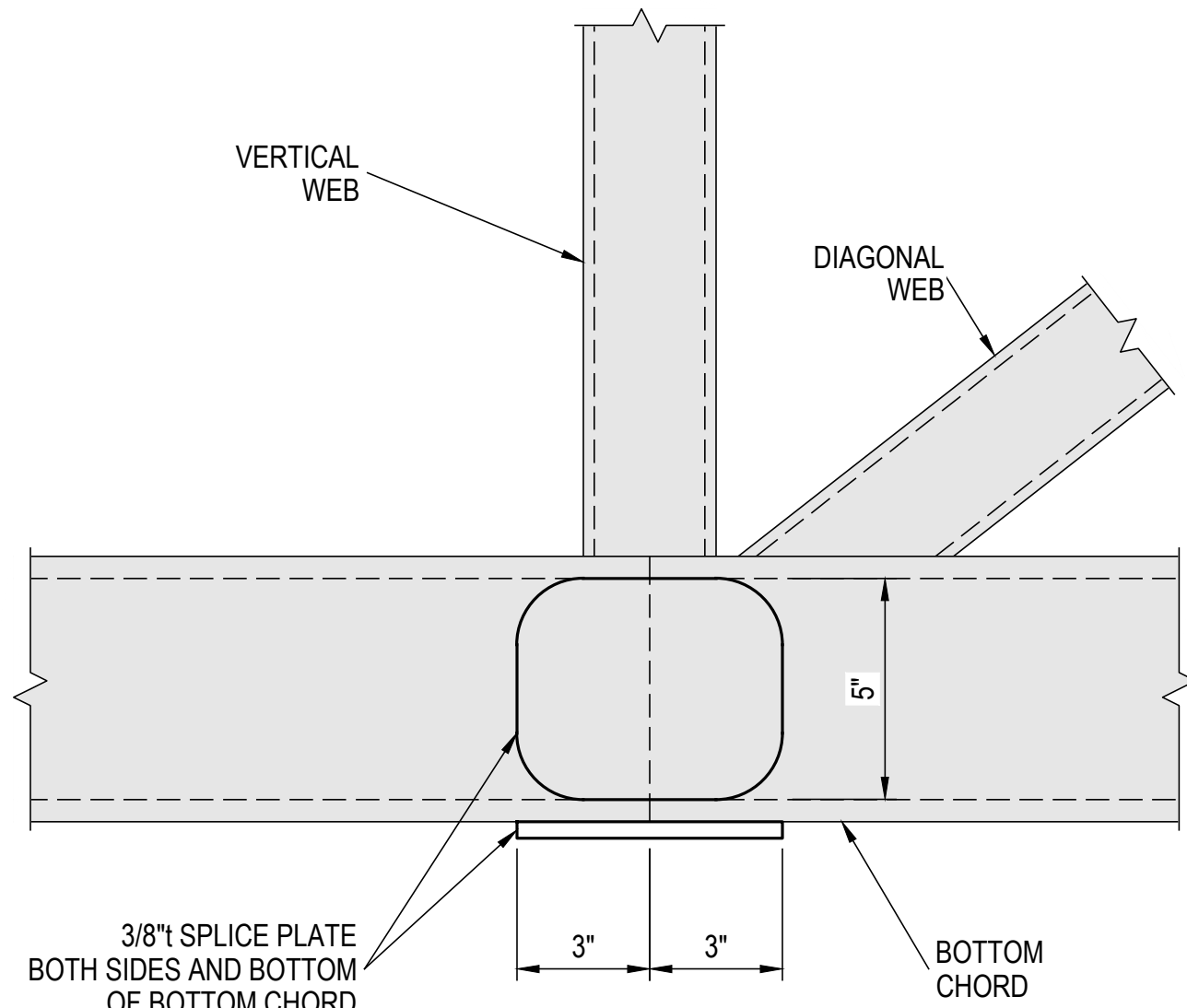
FLOOR FRAME CONNECTION



WEB FRAME CONNECTION



TOP CHORD SPLICE



BOTTOM CHORD SPLICE



STRUCTURAL NOTES
ALL WELDS ARE COMPLETE JOINT
PENETRATING WELDS UNLESS SPECIFIED
OTHERWISE.

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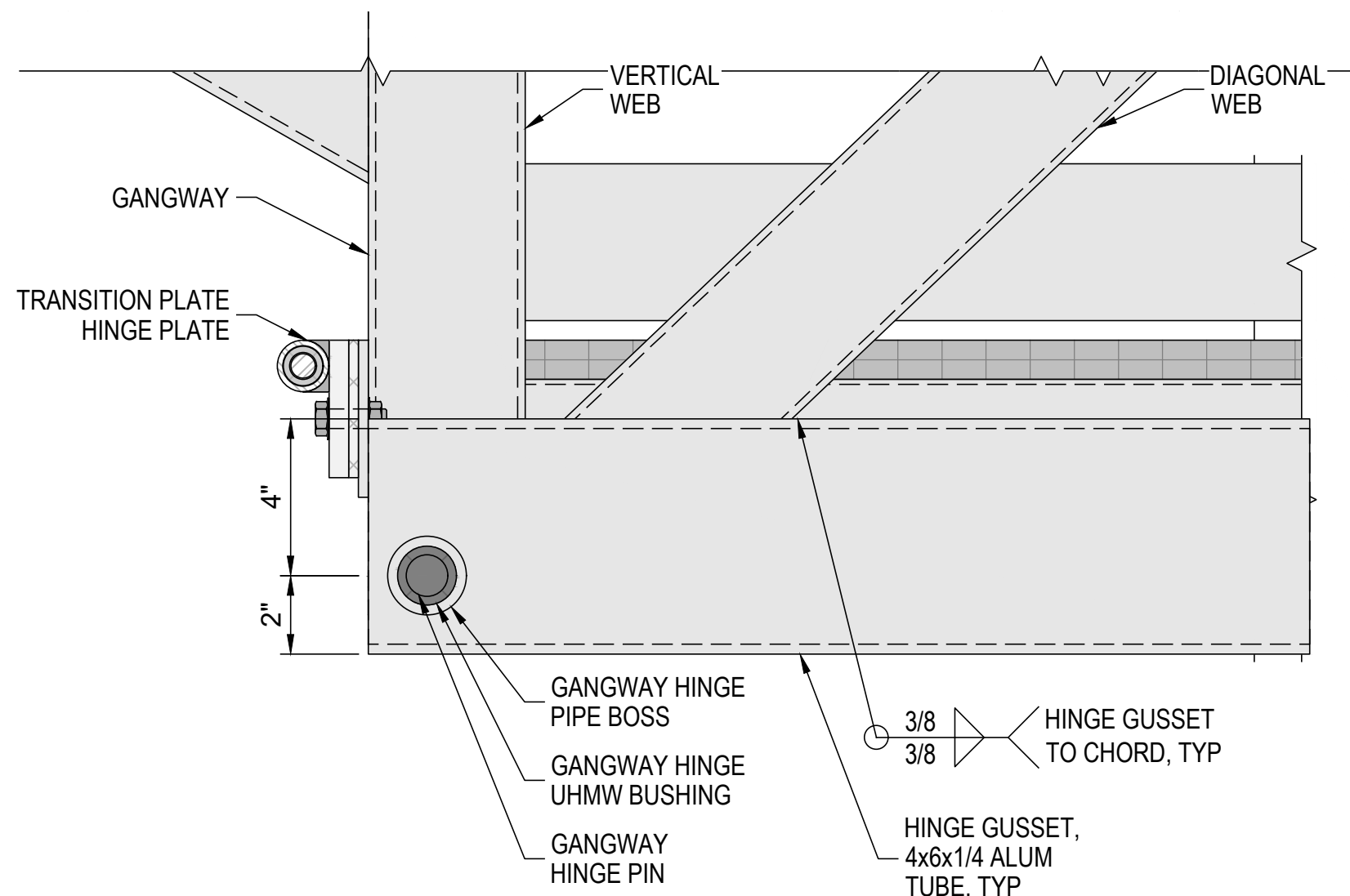
70% DESIGN

GANGWAY DETAILS

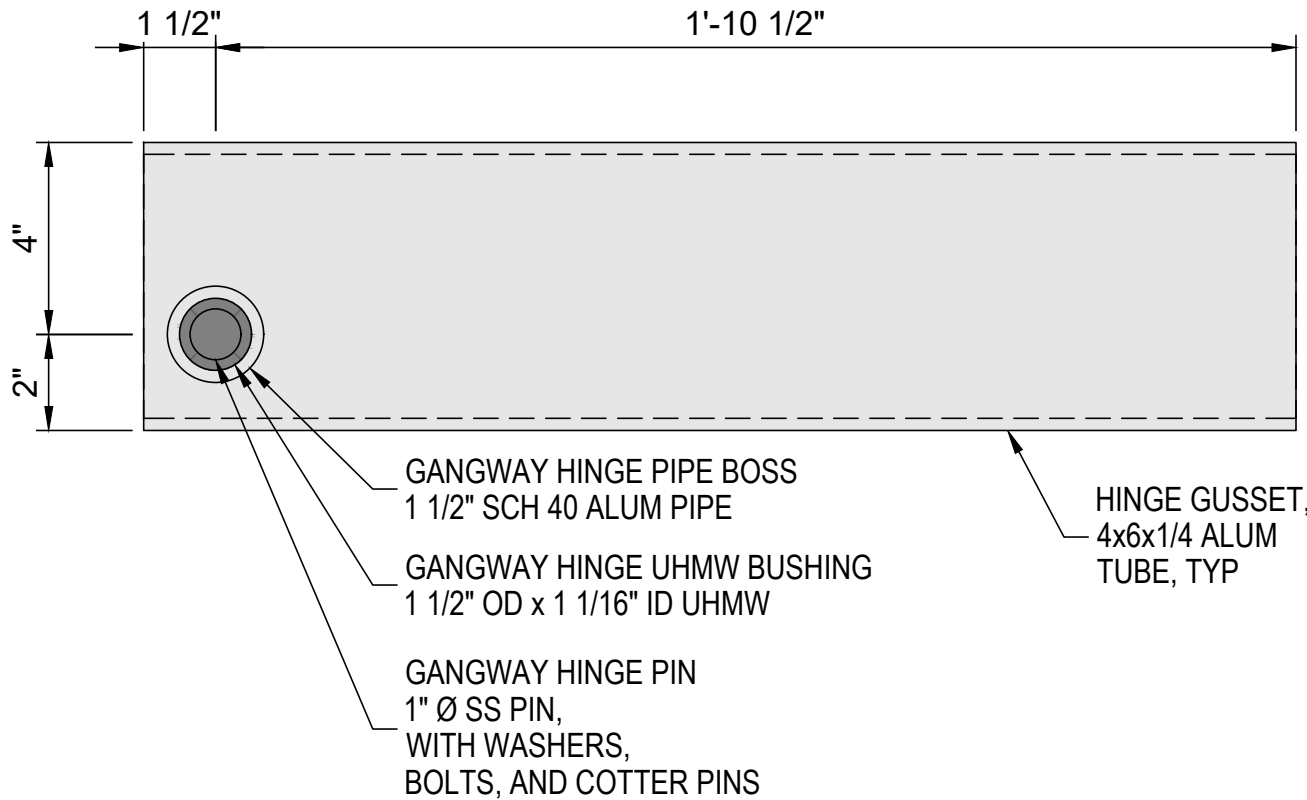
DATE: 09/16/2025
PLAN NUMBER:
SJ112
SHEET 112 OF 114

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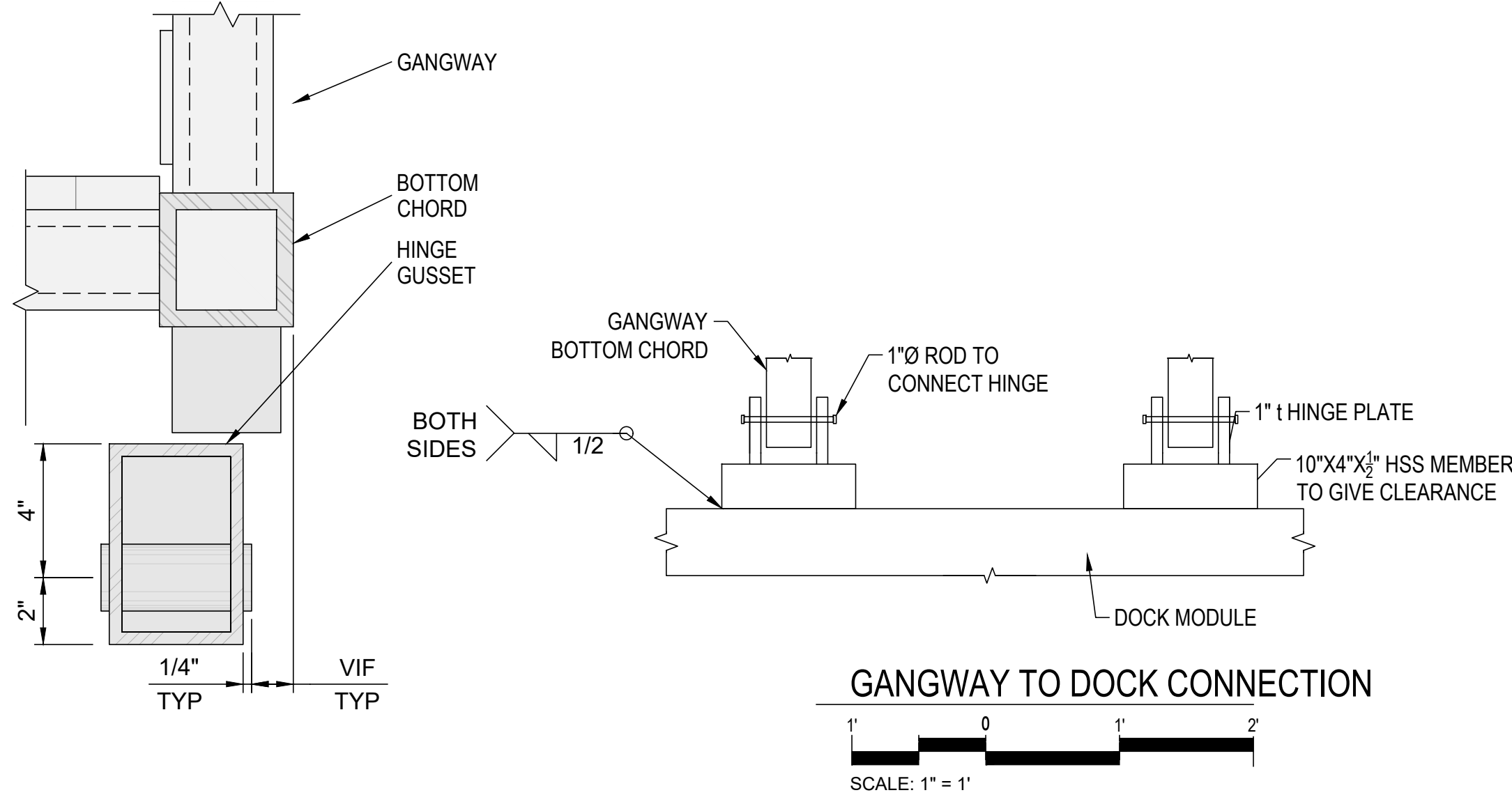
FILE LOCATION: Z:\SHARED\PROJECTS\ACTIVE\2023\03\0384.02 - LFP LAKEFRONT PARK PH 2\DRAWINGS\CAD\REVIT\ACTIVITIES\07-5110 DOCK DETAILS.DWG - ORIGINAL SHEET SIZE: ARCH FULL BLEED (36.00 X 24.00 INCHES) - LAST MODIFIED BY: JOSIAH SMITH
PRINCIPAL: ED PROJECT MANAGER: SJ113 DESIGNED BY: JL DRAWN BY: MH CHECKED BY: SJ113



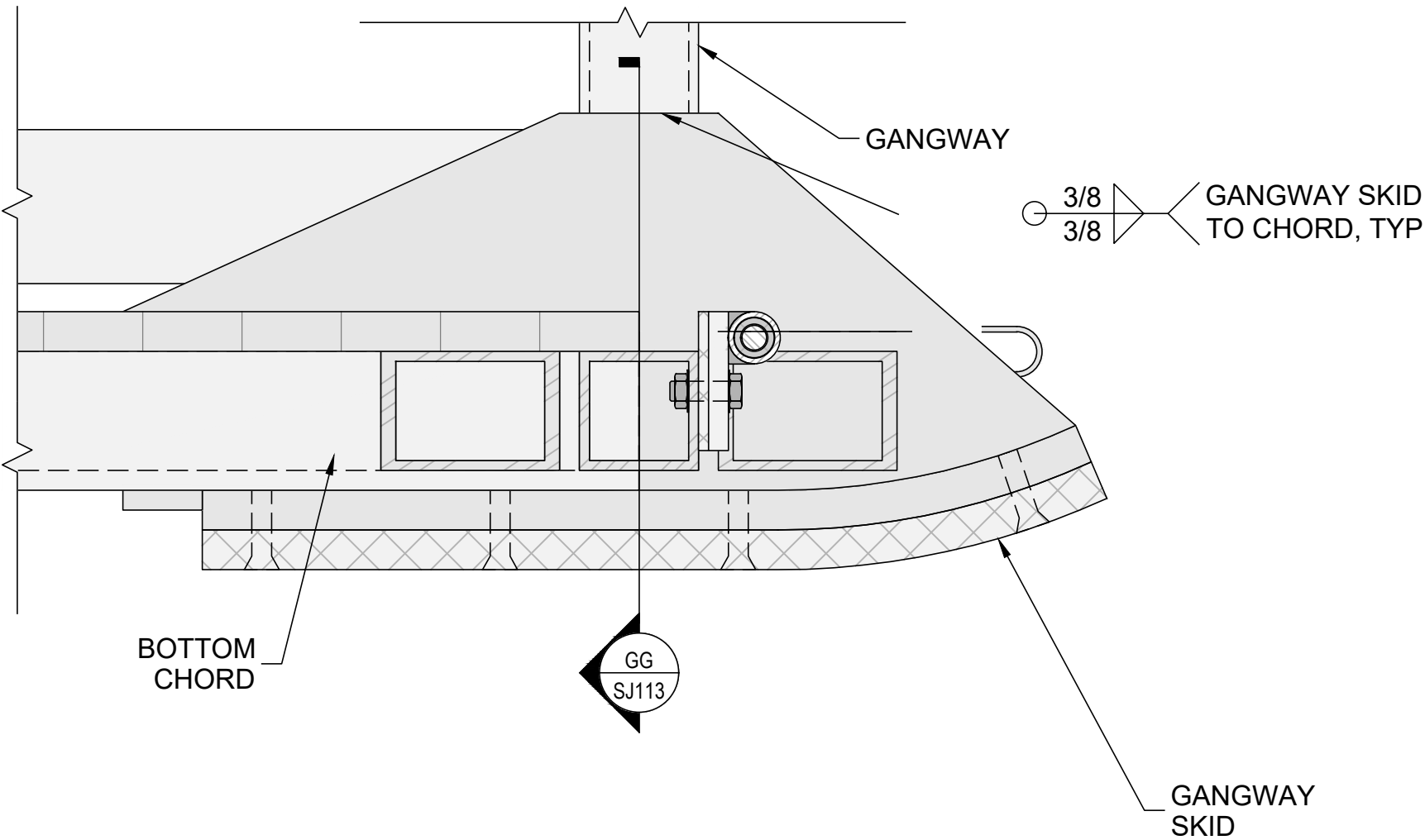
GANGWAY HINGE END



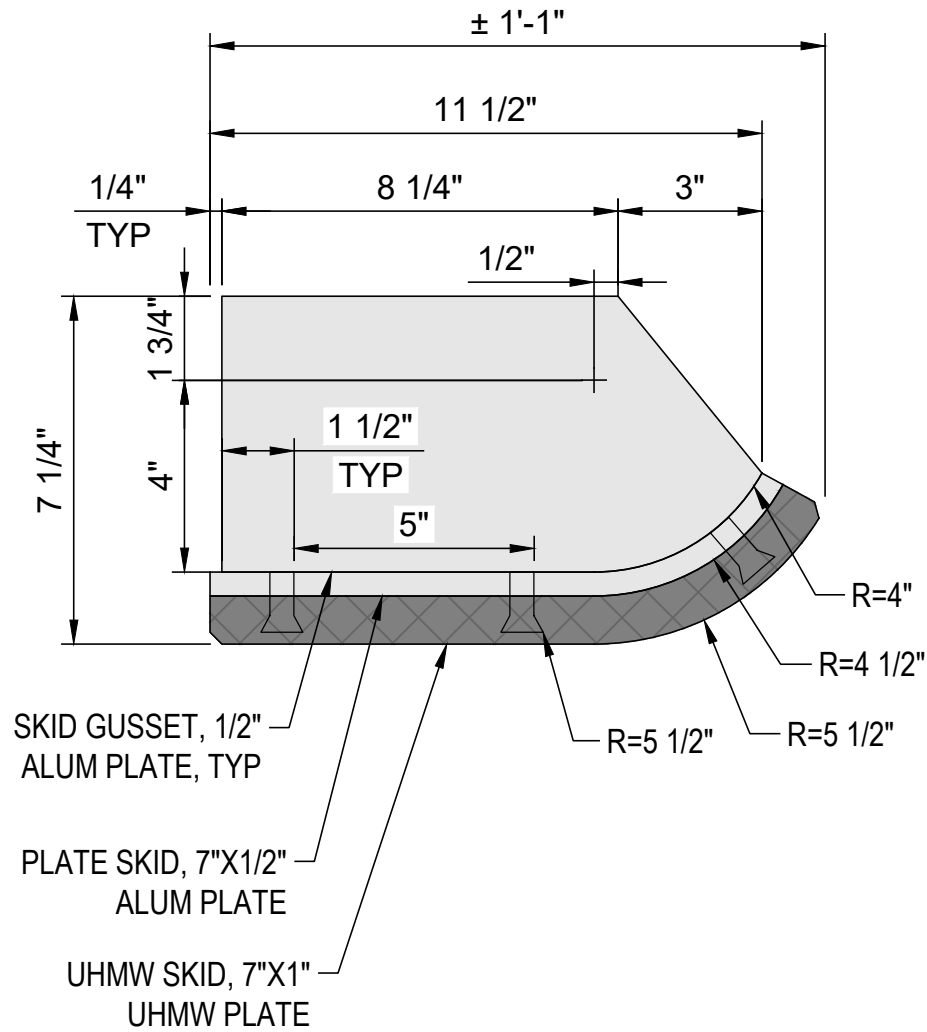
GANGWAY HINGE GUSSET DETAIL



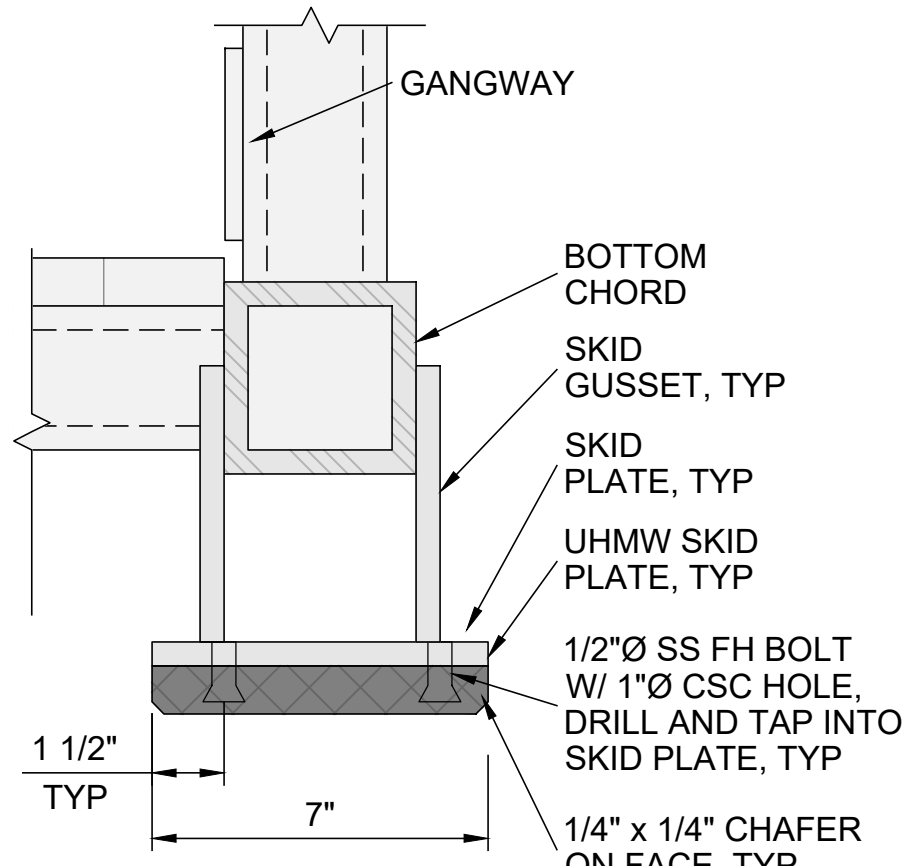
GANGWAY HINGE GUSSET SECTION



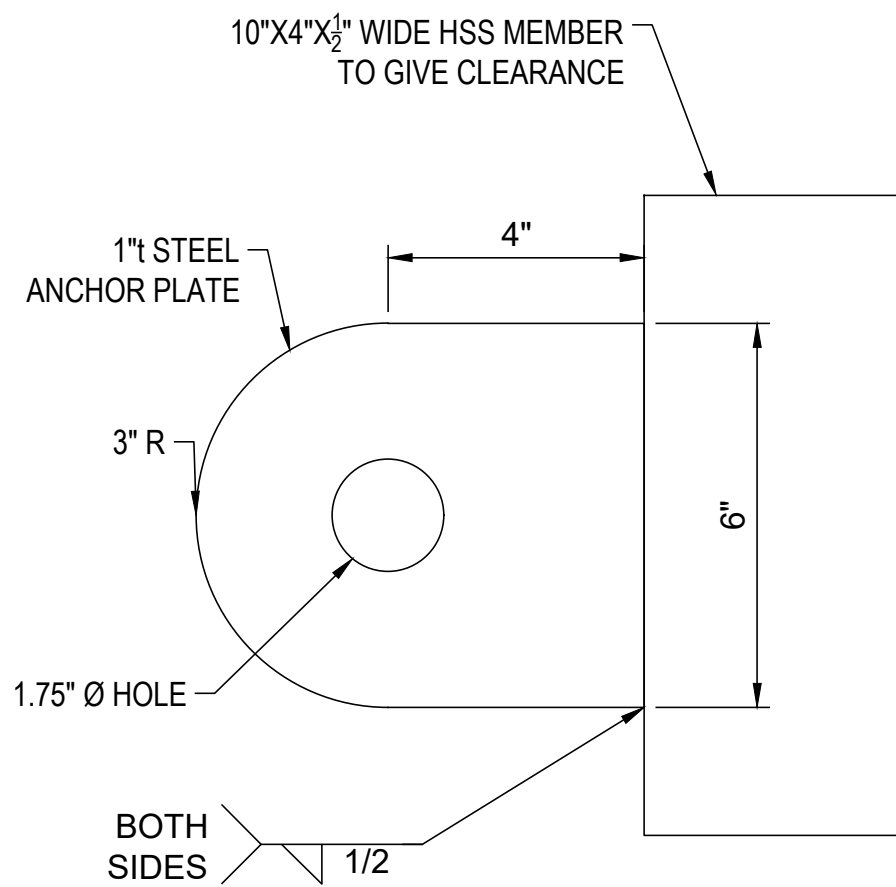
GANGWAY SKID END



GANGWAY SKID GUSSET PLATE



GANGWAY SKID SECTION



HINGE PLATE DETAIL



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70% DESIGN

GANGWAY DETAILS

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PLAN NUMBER:
SJ113
SHEET 113 OF 114

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3" 0 3" 6"

SCALE: 1" = 3"



3" 0 3" 6"

SCALE: 1" = 3"



SJ114
SHEET 114 OF 114

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