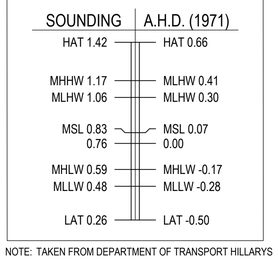
QUINNS ROCKS FISHING PLATFORM

DRAWING LIST	
DRAWING NUMBER	DRAWING TITLE
D25003-01-00-01	DRAWING LIST & LOCALITY PLAN
D25003-01-01-01	EXISTING CONDITIONS & ACCESS
D25003-01-02-01	GENERAL ARRANGEMENT
D25003-01-03-01	TYPICAL SECTIONS
D25003-01-04-01	PILING
D25003-01-05-01	RAISED ACCESS PATH MEMBER LAYOUT & DETAILS
D25003-01-05-02	ACCESS WALKWAY MEMBER LAYOUT & DETAILS
D25003-01-05-03	FISHING PLATFORM MEMBER LAYOUT & DETAILS
D25003-01-06-01	CONNECTIONS & DETAILS - SHEET 1 OF 2
D25003-01-06-02	CONNECTIONS & DETAILS - SHEET 2 OF 2

DATUM COMPARISON

1:50



NOTE: TAKEN FROM DEPARTMENT OF TRANSPORT HILLARYS SUBMERGENCE CURVE (PLAN 1615-11-01, 3 NOV 2020). SOUNDING DATUM IS HILLARYS, LOW WATER 1990 .



LOCALITY PLAN

1:10,000

GENERAL NOTES:

1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATION (REPORT R25016) AND OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
2. REFER ANY DISCREPANCIES TO THE PRINCIPAL'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK. IF IN DOUBT, ASK.
3. HORIZONTAL DATUM IS MAP GRID OF AUSTRALIA (MGA2020). VERTICAL DATUM IS AUSTRALIAN HEIGHT DATUM (mAHD). REFER DATUM COMPARISON BELOW FOR CONVERSION TO CHART DATUM.
4. LOCALITY AERIAL FROM BING. AERIAL PHOTOGRAPHS CAPTURED BY WESTPEAK DRONE ON 29/5/25. GROYNE 1 AS-CONSTRUCTED SURVEY INFORMATION CAPTURED BY WA LIMESTONE ON 18/3/21. CARPARK FEATURE SURVEY INFORMATION CAPTURED BY MNG ON 16/6/21. CONTOUR SURVEY INFORMATION FROM DOT LIDAR, TAKEN BETWEEN FEBRUARY AND APRIL 2016 AND AGAIN IN OCTOBER 2022. THIS INFORMATION REPRESENTS THE SITE CONDITIONS AT THE TIME TAKEN ONLY.
5. REFER TO GEOTECHNICAL INVESTIGATION REPORT 02288_GT_RP_01_REV0 (PGT 2025) FOR GEOTECHNICAL CONDITIONS.
6. CONTRACTOR SHALL CONFIRM THE LOCATION OF AND PROTECT ANY SERVICES ON SITE PRIOR TO PROCEEDING WITH THE WORK.
7. SITE ACCESS AND LAYDOWN AREAS ARE TO BE CONFIRMED WITH THE PRINCIPAL PRIOR TO THE WORKS.
8. DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS NOTED OTHERWISE

DESIGN NOTES:

1. THE FISHING PLATFORM IS DESIGNED IN ACCORDANCE WITH THE FOLLOWING AUSTRALIAN STANDARDS:
   - AS/NZS1170 STRUCTURAL DESIGN ACTIONS
   - AS1428.1 DESIGN FOR ACCESS AND MOBILITY - GENERAL REQUIREMENTS FOR ACCESS - NEW BUILDING WORK
   - AS1657 FIXED PLATFORMS, WALKWAYS, STAIRWAYS AND LADDERS - DESIGN CONSTRUCTION AND INSTALLATION
   - AS2159 PILING - DESIGN AND INSTALLATION
   - AS3600 CONCRETE STRUCTURES
   - AS3962 MARINA DESIGN
   - AS4100 STEEL STRUCTURES
   - AS4997 GUIDELINES FOR THE DESIGN OF MARITIME STRUCTURES
2. DESIGN LIFE: 25 YEARS
3. STRUCTURAL CLASSIFICATION: "NORMAL STRUCTURE" AS4997 FUNCTION CATEGORY 2, AS1170 IMPORTANCE LEVEL 2.
4. DESIGN WAVE EVENT
   - ULS: ANNUAL PROBABILITY OF EXCEEDANCE 1:200, SLS: ANNUAL PROBABILITY OF EXCEEDANCE 1:1
   - ULS: Hs = 2.8m, Tp = 16s, Hmax = 4.6m, SLS: Hs = 2.5m, Tp = 16s, Hmax = 4.2m
5. VESSELS AND MOORING CRITERIA
   - NO VESSEL BERTHING OR MOORING ALLOWED AT FISHING PLATFORM
   - EMERGENCY OR ACCIDENTAL BERTHING OF 10m, 7t VESSEL ASSUMED IN FISHING PLATFORM STRUCTURAL DESIGN
6. FISHING PLATFORM LOAD CRITIERIA
   - FISHING PLATFORM AND ACCESS WALKWAY: UDL 5kPA, PL 4.5kN - PEDESTRIAN CROWD LOAD.

PROJECT
QUINNS ROCKS FISHING PLATFORM

CLIENT
City of Wanneroo

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED
A	29.01.2026	ISSUED FOR TENDER	A CLAPIN	A CLAPIN	P DOUST	P DOUST

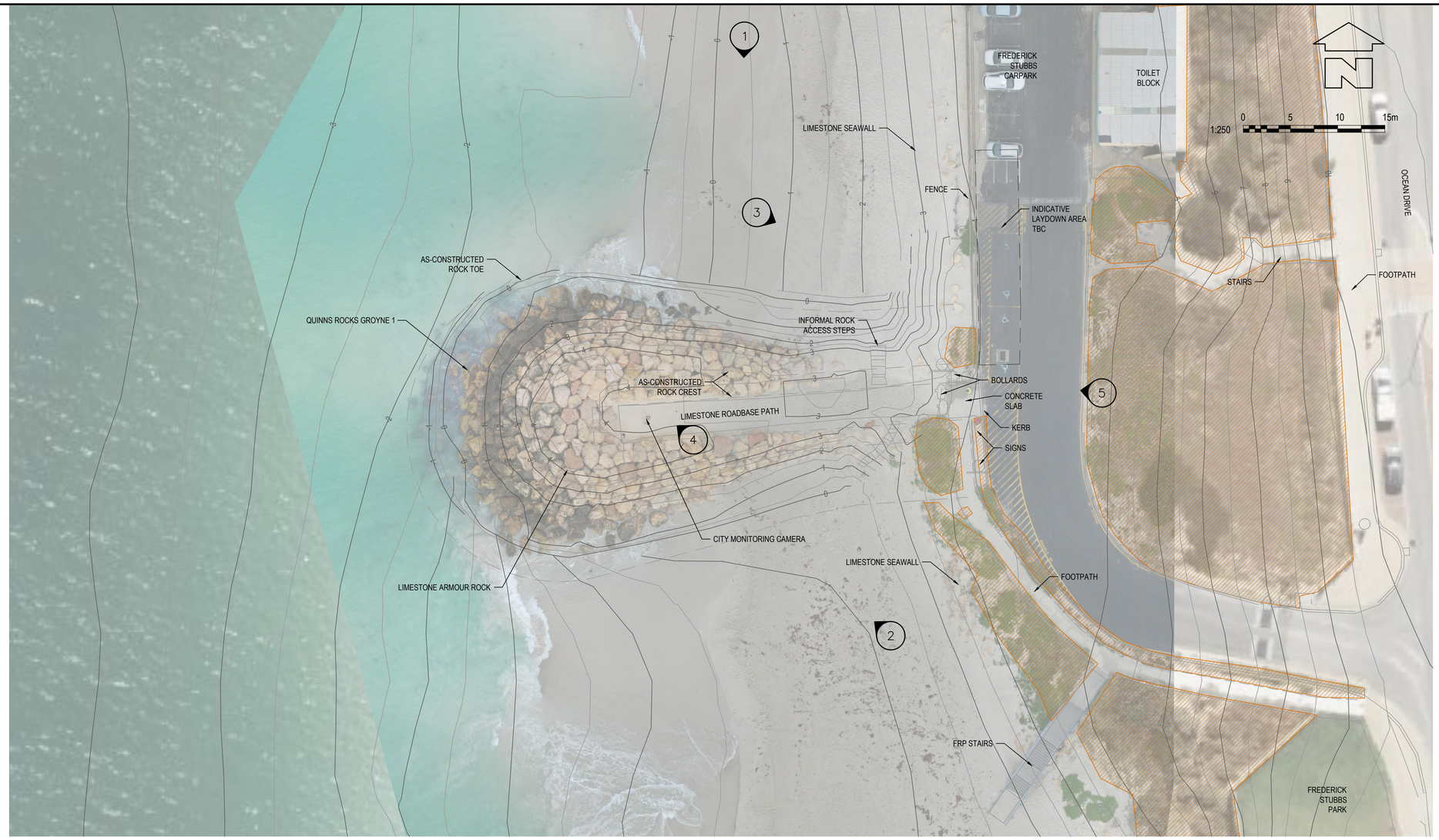
DRAWING TITLE
DRAWING LIST & LOCALITY PLAN

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
J25001	D25003-01-00-01	A	A1

WHEN SHEET PRINTED FULL SIZE, THIS MEASURES 100mm

C:\Users\Alex Clark\Westpeak Engineering\Westpeak Engineering - Documents\03 Design Jobs\25001 City of Wanneroo - Quinns Fishing Platform Detailed Design\5 Drawings\1 Master\25011d_D25003 Master.dwg

DATE PLOTTED: 1/02/2026 2:23 PM



LEGEND:

- MAJOR SURVEY CONTOURS, 1.0m INTERVALS (mAHD)
- MINOR SURVEY CONTOURS, 0.5m INTERVALS
- GROYNE 1 AS CONSTRUCTED LINES (WAL 2021)
- BOLLARD
- SIGNS
- KERB
- FENCE
- DRAINAGE MANHOLE
- AREAS APPROVED TO CLEAR UNDER PERMIT CPS 10711/1
- INDICATIVE LAYDOWN AREA TBC
- PHOTO LOCATION

NOTES:

1. LAYDOWN AREA TO BE CONFIRMED AND APPROVED BY PRINCIPAL. INDICATIVE LAYDOWN AREA SHOWN

EXISTING CONDITIONS & ACCESS

1:250



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4



PHOTO 5

PROJECT

QUINNS ROCKS FISHING PLATFORM

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DRAWING TITLE

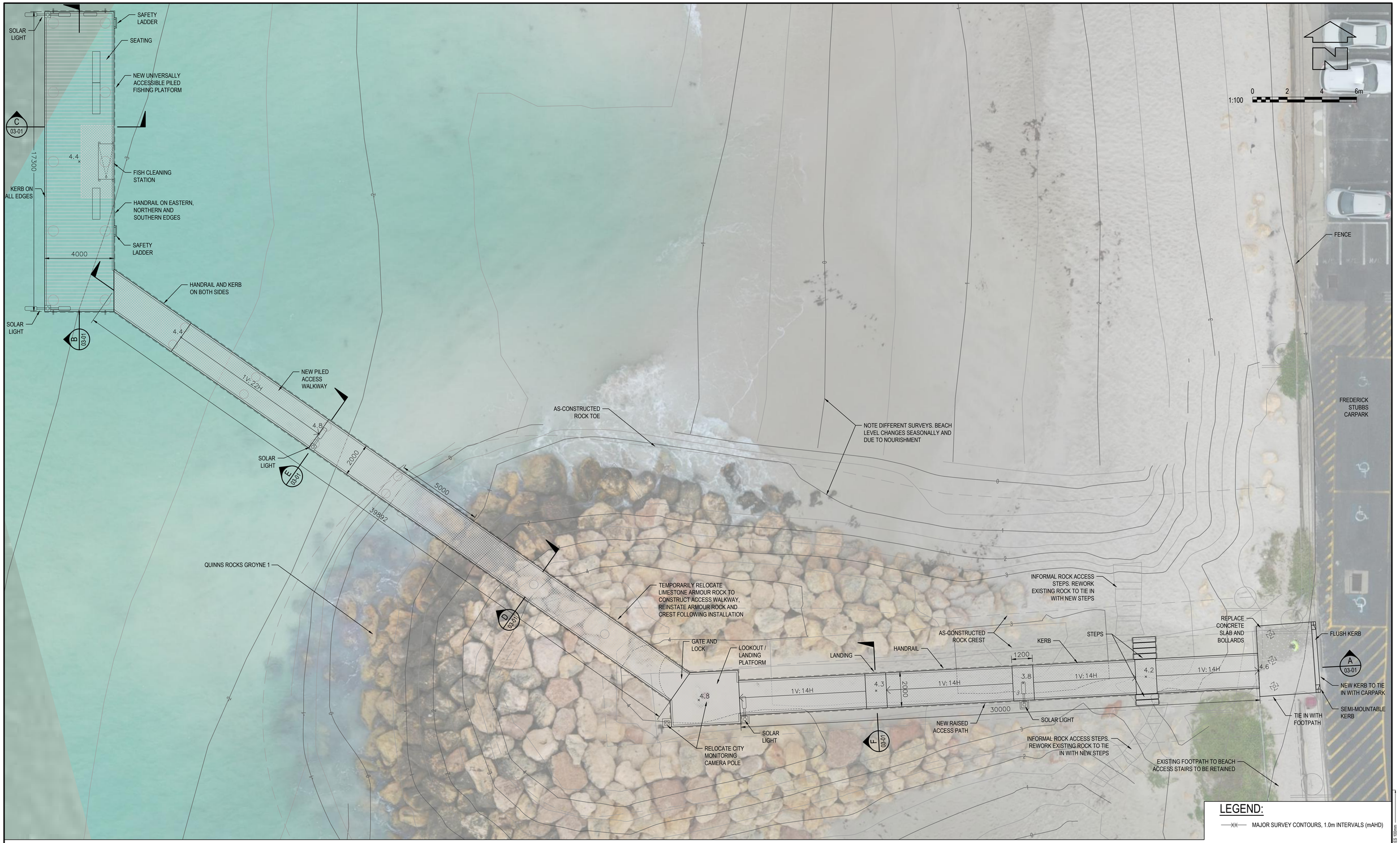
EXISTING CONDITIONS & ACCESS

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
J25001	D25003-01-01-01	A	A1

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DATE PLOTTED: 1/30/2026 2:44 PM



GENERAL ARRANGEMENT

1:100

LEGEND:

- XX — MAJOR SURVEY CONTOURS, 1.0m INTERVALS (mAHD)
- MINOR SURVEY CONTOURS, 0.5m INTERVALS
- × XX — SPOT HEIGHT FINISHED LEVEL

PROJECT

QUINNS ROCKS FISHING PLATFORM

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City of Wanneroo

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DRAWING TITLE

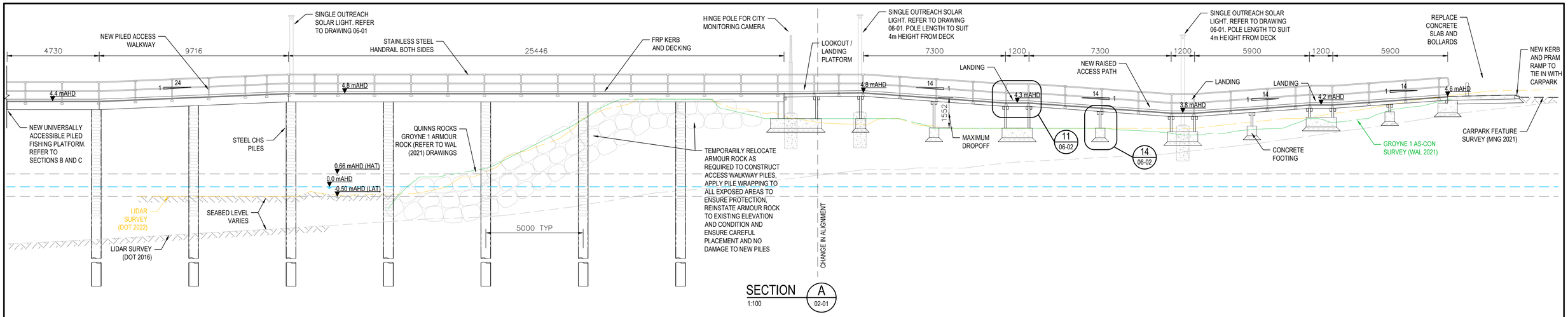
GENERAL ARRANGEMENT

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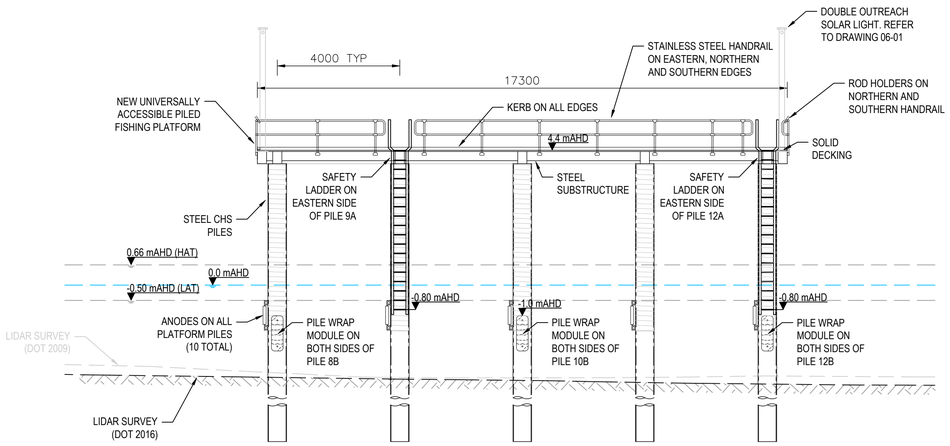
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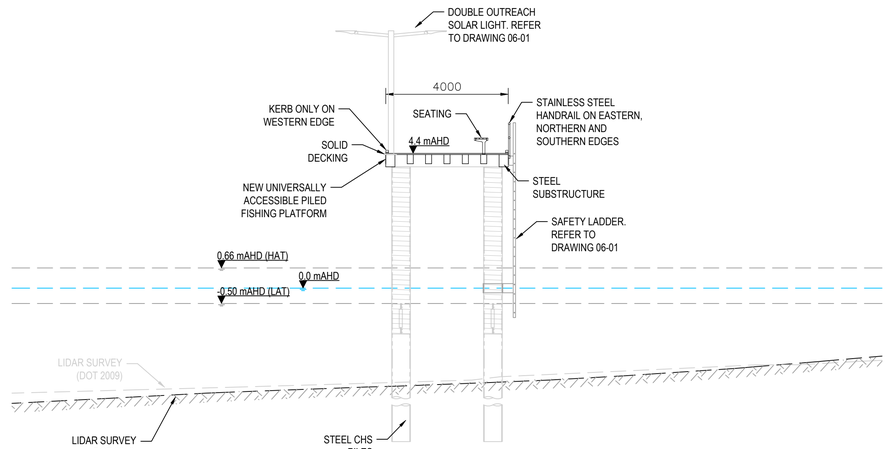
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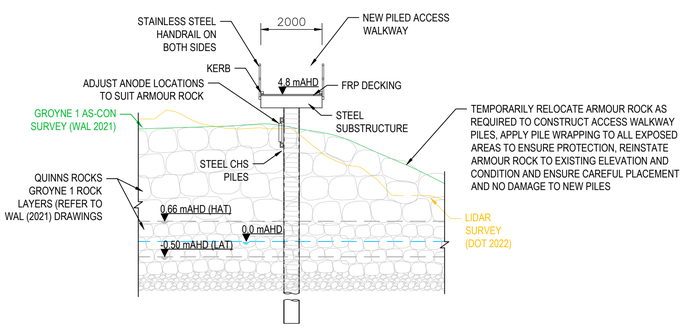
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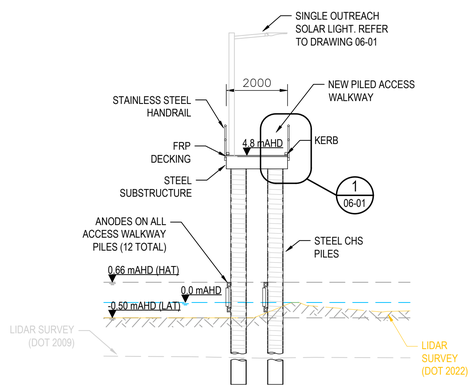
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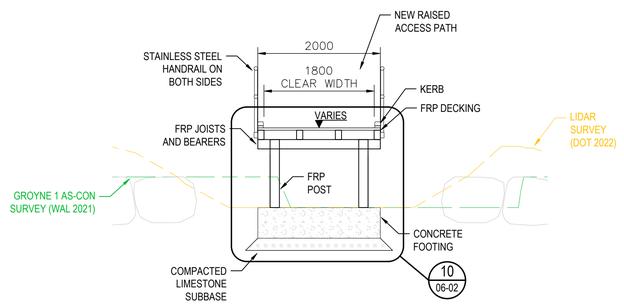
SECTION C
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02-01



SECTION D
1:100
02-01



SECTION E
1:100
02-01



SECTION F
1:50
02-01

PROJECT
QUINNS ROCKS FISHING PLATFORM

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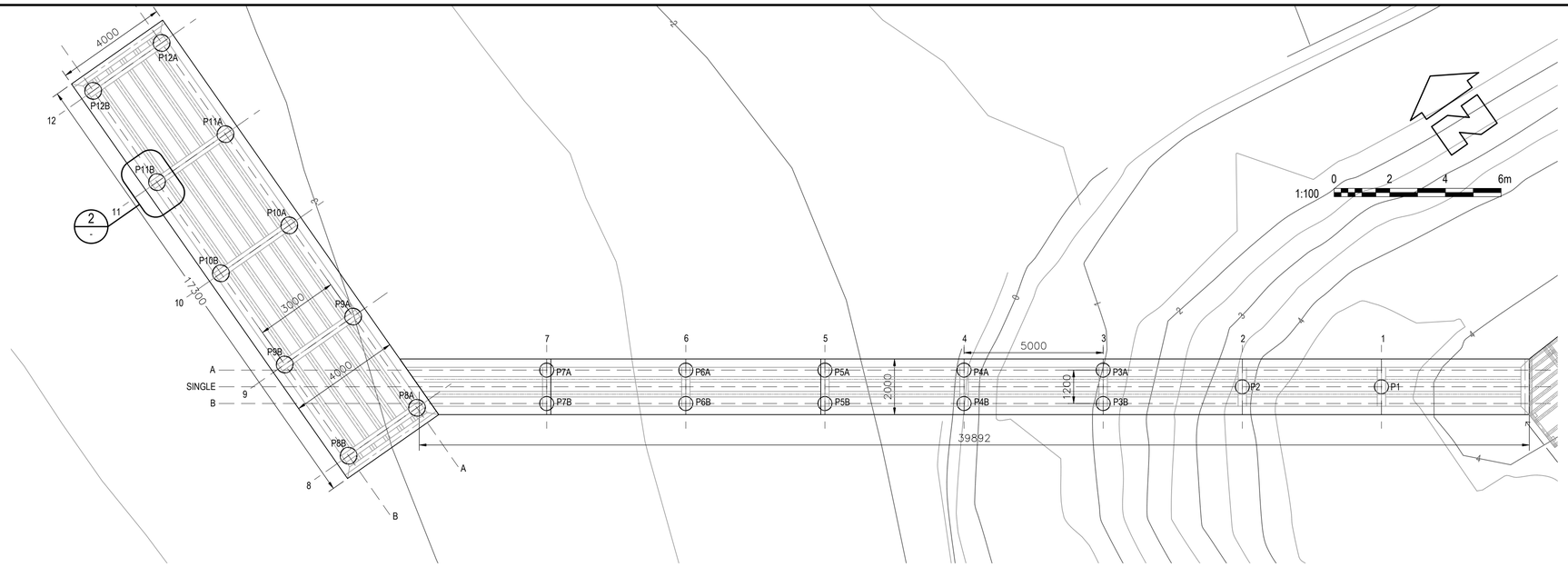
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DRAWING TITLE
TYPICAL SECTIONS

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
J25001	D25003-01-03-01	A	A1

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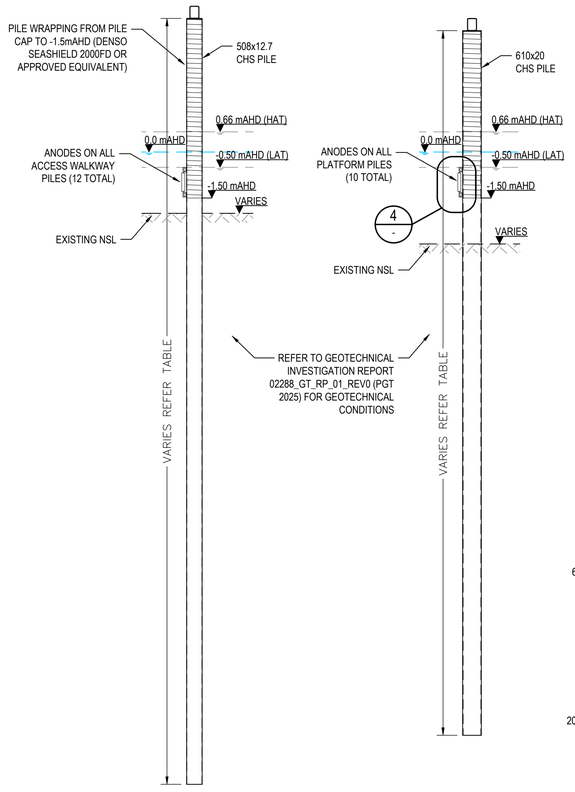
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2	508x12.7 CHS	C350L0 STEEL	18.5m	375,851.419	6,495,189.052
3A	508x12.7 CHS	C350L0 STEEL	25m	375,847.667	6,495,192.411
3B	508x12.7 CHS	C350L0 STEEL	31m	375,846.979	6,495,191.428
4A	508x12.7 CHS	C350L0 STEEL	25m	375,843.571	6,495,195.279
4B	508x12.7 CHS	C350L0 STEEL	31m	375,842.883	6,495,194.296
5A	508x12.7 CHS	C350L0 STEEL	25m	375,839.475	6,495,198.147
5B	508x12.7 CHS	C350L0 STEEL	31m	375,838.787	6,495,197.164
6A	508x12.7 CHS	C350L0 STEEL	25m	375,835.380	6,495,201.015
6B	508x12.7 CHS	C350L0 STEEL	31m	375,834.691	6,495,200.032
7A	508x12.7 CHS	C350L0 STEEL	25m	375,831.284	6,495,203.882
7B	508x12.7 CHS	C350L0 STEEL	31m	375,830.596	6,495,202.899
8A	610x20 CHS	C350L0 STEEL	23m	375,826.688	6,495,205.447
8B	610x20 CHS	C350L0 STEEL	28m	375,823.688	6,495,205.447
9A	610x20 CHS	C350L0 STEEL	23m	375,826.688	6,495,209.447
9B	610x20 CHS	C350L0 STEEL	28m	375,823.688	6,495,209.447
10A	610x20 CHS	C350L0 STEEL	23m	375,826.688	6,495,213.447
10B	610x20 CHS	C350L0 STEEL	28m	375,823.688	6,495,213.447
11A	610x20 CHS	C350L0 STEEL	23m	375,826.688	6,495,217.447
11B	610x20 CHS	C350L0 STEEL	28m	375,823.688	6,495,217.447
12A	610x20 CHS	C350L0 STEEL	23m	375,826.688	6,495,221.447
12B	610x20 CHS	C350L0 STEEL	28m	375,823.688	6,495,221.447

NOTES:

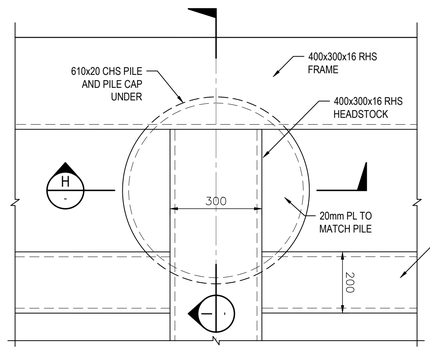
1. SETOUT COORDINATES TO MGA2020
2. CONTRACTOR TO PREPARE SHOP DRAWINGS SHOWING ALL MEMBERS AND CONNECTIONS FOR APPROVAL
3. PILES 1-3B REQUIRE PLACEMENT WITHIN THE EXISTING GROYNE 1 FOOTPRINT. CONTRACTOR TO PILE THROUGH ROCK OR TEMPORARILY REMOVE / RELOCATE ARMOUR ROCK AS REQUIRED TO CONSTRUCT PILES, APPLY PILE WRAPPING TO ALL EXPOSED AREAS TO ENSURE PROTECTION, REINSTATE ARMOUR ROCK TO EXISTING ELEVATION AND CONDITION AND ENSURE CAREFUL PLACEMENT AND NO DAMAGE TO NEW PILES
4. REFER TO MANUFACTURER'S TECHNICAL DATA SHEET AND APPLICATION INSTRUCTIONS FOR DENSO SEASHIELD 2000FD, OR EQUIVALENT APPROVED, REQUIREMENTS, INCLUDING DENSO SEASHIELD PRIMER, DENSO MASTIC, DENSO MARINE PILING TAPE (2 LAYERS), THE SEASHIELD 200FD JACKET AND ALL SS BOLTS, NUTS AND WASHERS

PILE SETOUT
1:100

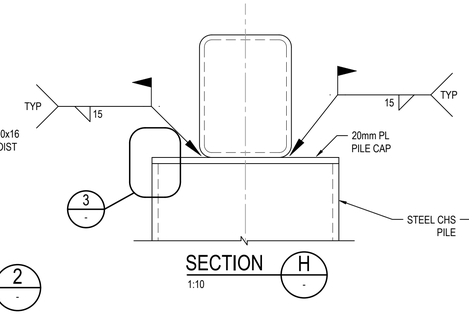


ACCESS WALKWAY PLATFORM

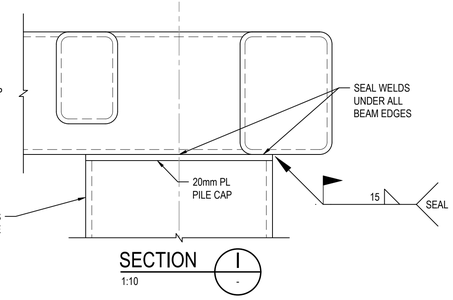
TYPICAL PILES
1:100



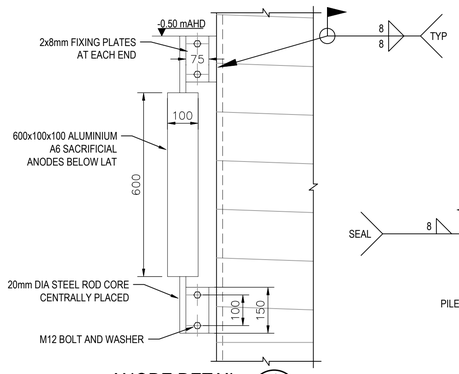
PILE CAP AND CONNECTION TO HEADSTOCK PLAN DETAIL 2
1:10



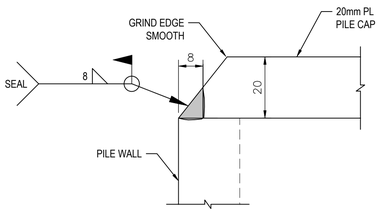
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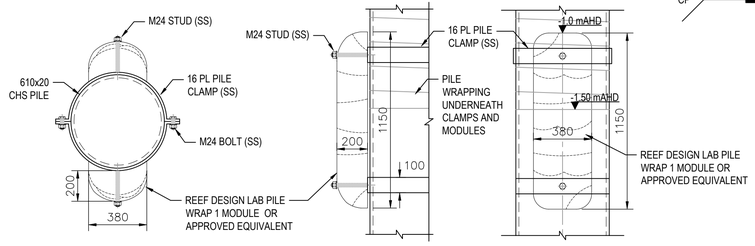
SECTION I
1:10



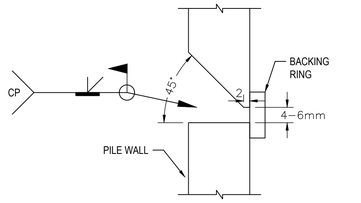
ANODE DETAIL 4
1:10



PILE CAP DETAIL 3
1:1



PILE WRAP REEF MODULE CONNECTION
1:20



TYPICAL PILE SPLICE DETAIL
1:1

PROJECT
QUINNS ROCKS FISHING PLATFORM

CLIENT
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B	09.02.2026	UPDATED AND ISSUED FOR TENDER	A CLAPIN	A CLAPIN	P DOUST	P DOUST

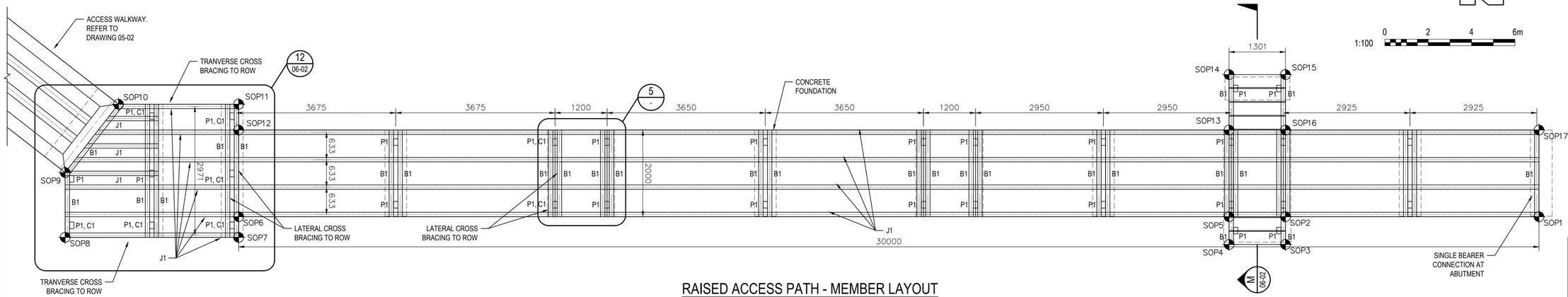
DRAWING TITLE
PILING

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
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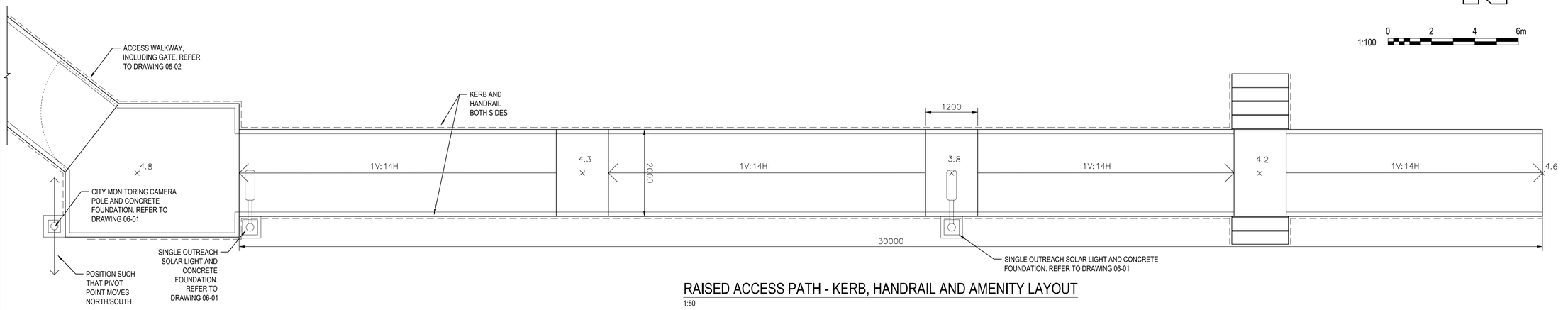
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DATE PLOTTED: 2/2/2026 4:43 PM



RAISED ACCESS PATH - MEMBER LAYOUT

1:50

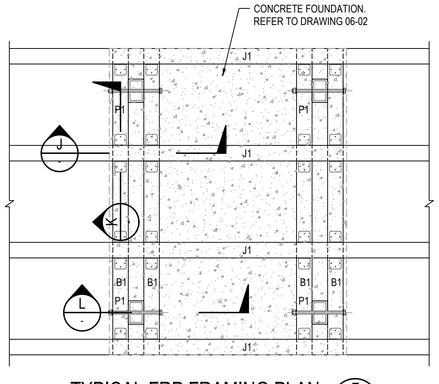


RAISED ACCESS PATH - KERB, HANDRAIL AND AMENITY LAYOUT

1:50

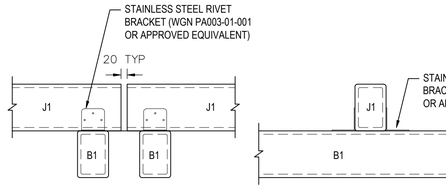
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4	375,886.195	6,495,182.065
5	375,886.161	6,495,182.705
6	375,863.343	6,495,181.509
7	375,863.368	6,495,181.033
8	375,859.371	6,495,180.823
9	375,859.293	6,495,182.317
10	375,860.440	6,495,183.956
11	375,863.207	6,495,184.101
12	375,863.238	6,495,183.506
13	375,886.056	6,495,184.702
14	375,885.989	6,495,185.980
15	375,887.289	6,495,186.048
16	375,888.121	6,495,185.871
17	375,893.197	6,495,185.076



TYPICAL FRP FRAMING PLAN

5
-
1:10

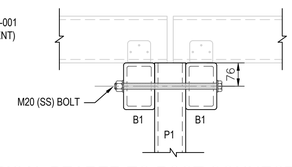


SECTION J - 1:10

SECTION K - 1:10

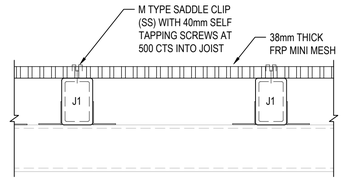
TYPICAL JOIST TO BEARER CONNECTION

1:50



TYPICAL BEARER TO POST CONNECTION

L
-
1:10



TYPICAL DECKING CONNECTION

1:10

MEMBER SCHEDULE

MEMBER DESIGNATION	MEMBER TYPE	SIZE	MATERIAL
B1	BEARER	150x100RHS (WGN-R4000*)	WAGNER FRP*
J1	JOIST	150x100RHS (WGN-R4000*)	WAGNER FRP*
P1	POST	150x100RHS (WGN-R4000*)	WAGNER FRP*
C1	CROSS BRACE	150x100RHS (WGN-R4000*)	WAGNER FRP*

* OR APPROVED EQUIVALENT

NOTES:

1. ALL BOLTED HOLLOW FRP SECTIONS (eg RHS/CHS etc) SHALL INCLUDE STAINLESS STEEL BUSHES TO PREVENT CRUSHING.
2. ALL EXPOSED ENDS OF FRP SECTIONS SHALL HAVE ENDCAPS INSTALLED

PROJECT

QUINNS ROCKS FISHING PLATFORM

CLIENT

City of Wanneroo

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A	29.01.2026	ISSUED FOR TENDER	A CLAPIN	A CLAPIN	P DOUST	P DOUST

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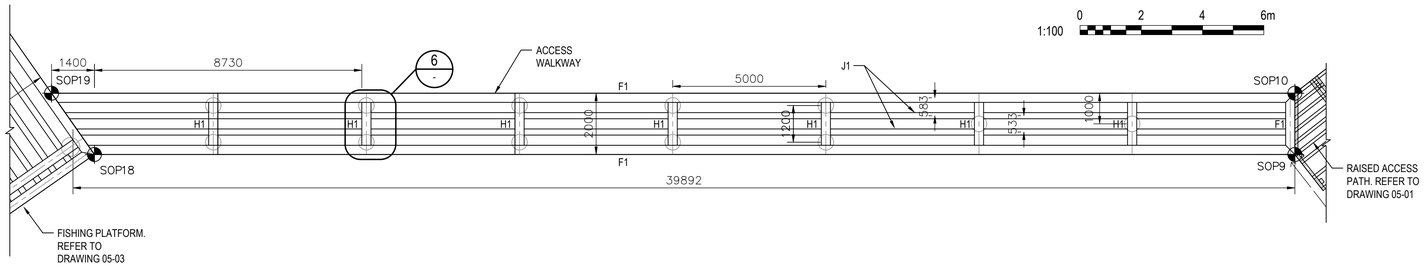
RAISED ACCESS PATH MEMBER LAYOUT & DETAILS

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
J25001	D25003-01-05-01	A	A1

WHEN SHEET PRINTED FULL SIZE, THIS MEASURES 100mm

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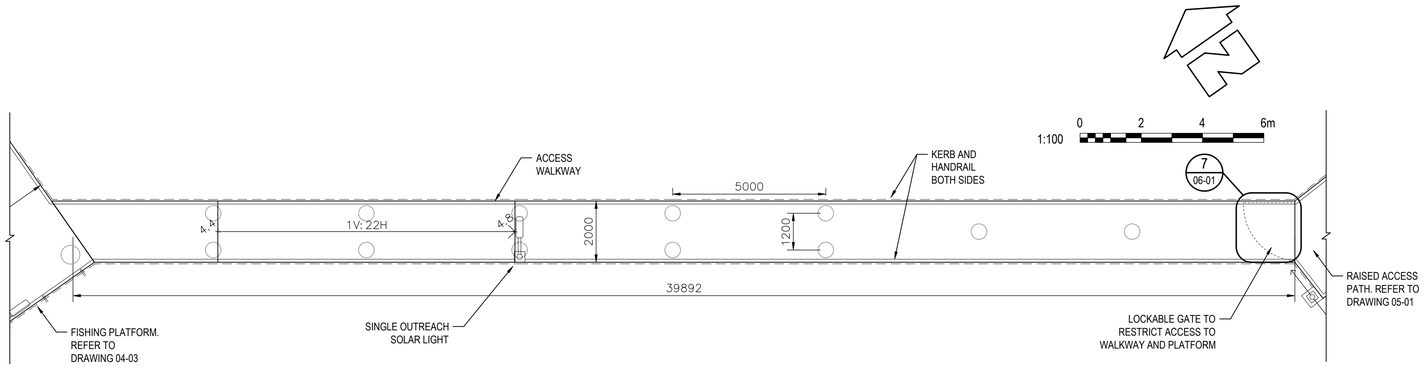
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ACCESS WALKWAY - MEMBER LAYOUT

1:100

SET OUT POINTS		
SOP	EASTING	NORTHING
9	375,859.293	6,495,182.317
10	375,860.440	6,495,183.956
18	375,827.188	6,495,204.797
19	375,827.188	6,495,207.239



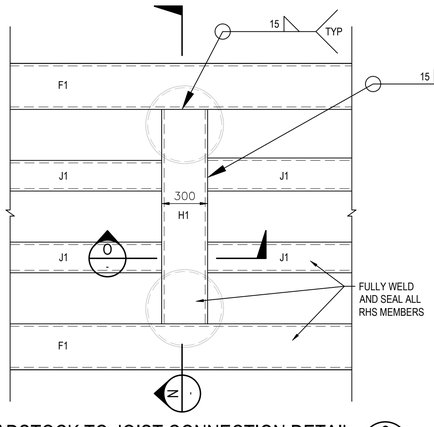
NOTES:

1. CONTRACTOR TO PREPARE SHOP DRAWINGS SHOWING ALL MEMBERS AND CONNECTIONS FOR APPROVAL

MEMBER SCHEDULE			
MEMBER DESIGNATION	MEMBER TYPE	SIZE	MATERIAL
F1	FRAME	400x300x16 RHS	C450L0 STEEL
H1	HEADSTOCK	400x300x16 RHS	C450L0 STEEL
J1	JOIST	300x200x16 RHS	C450L0 STEEL

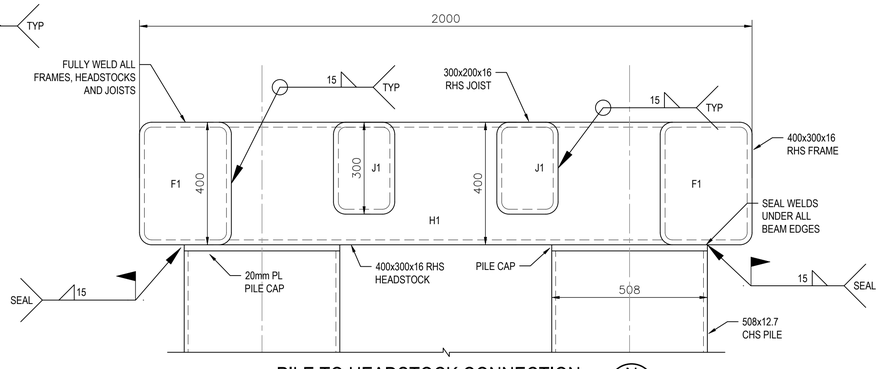
ACCESS WALKWAY - KERB, HANDRAIL AND AMENITY LAYOUT

1:100



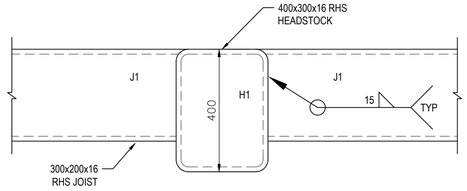
HEADSTOCK TO JOIST CONNECTION DETAIL 6 -

1:20



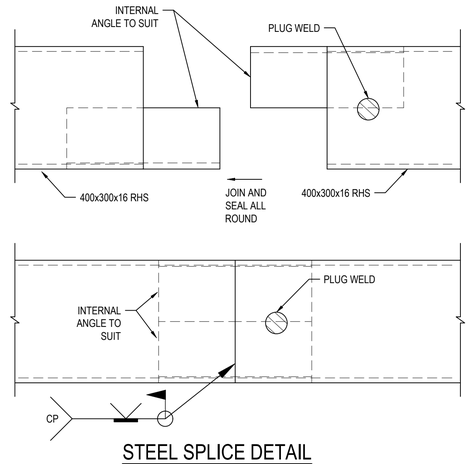
PILE TO HEADSTOCK CONNECTION N -

1:10



HEADSTOCK TO JOIST CONNECTION O -

1:10



STEEL SPLICE DETAIL

1:10

PROJECT

QUINNS ROCKS FISHING PLATFORM

CLIENT

City of Wanneroo

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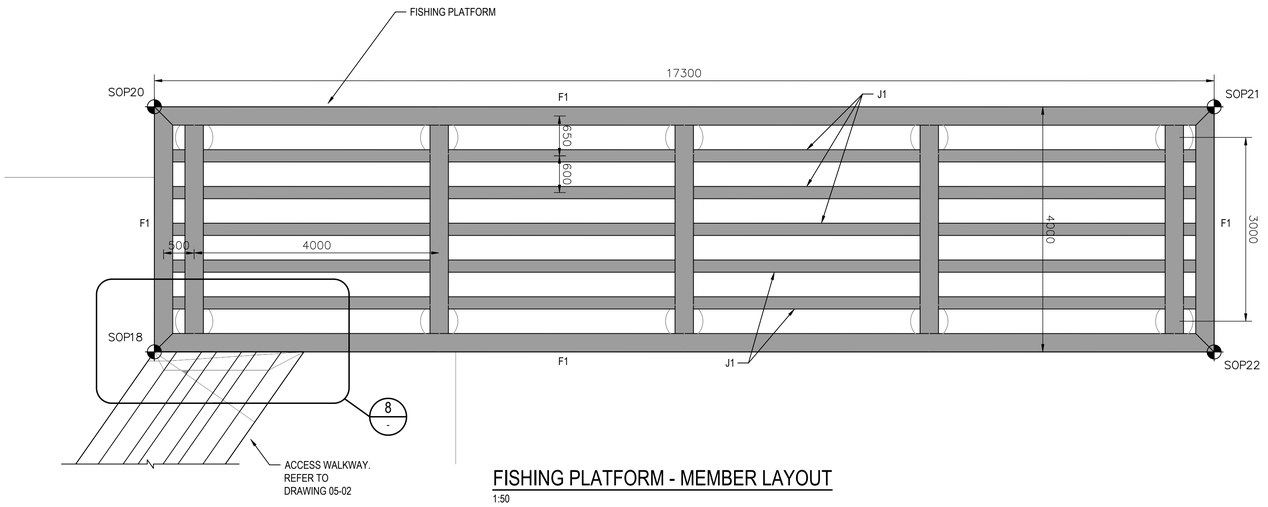
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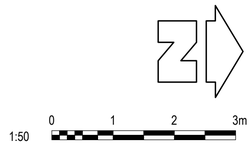
ACCESS WALKWAY MEMBER LAYOUT & DETAILS

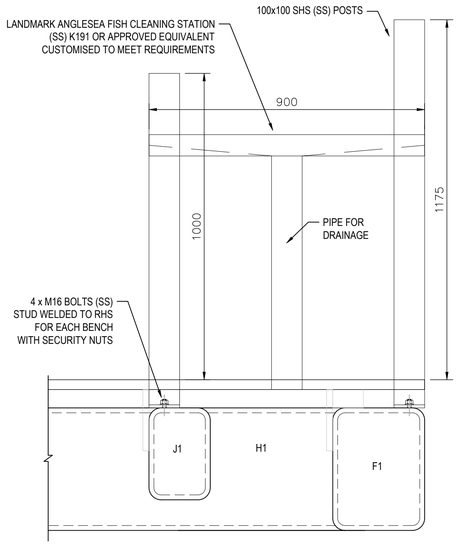
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J25001	D25003-01-05-02	A	A1

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FISHING PLATFORM - MEMBER LAYOUT
1:50





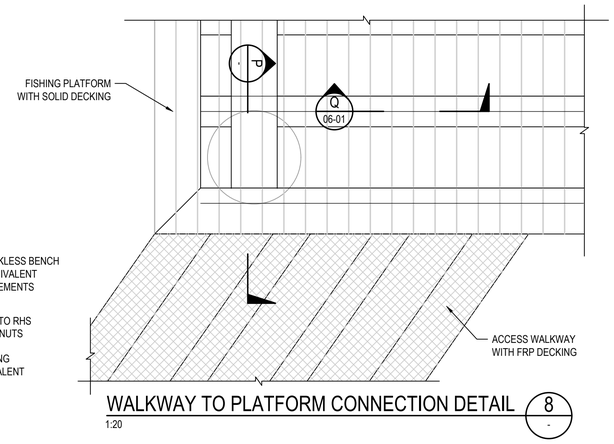
FISH CLEANING STATION AND CONNECTION DETAIL
1:10

SET OUT POINTS		
SOP	EASTING	NORTHING
18	375,827.188	6,495,204.797
20	375,823.188	6,495,204.797
21	375,823.190	6,495,222.097
22	375,827.190	6,495,222.097

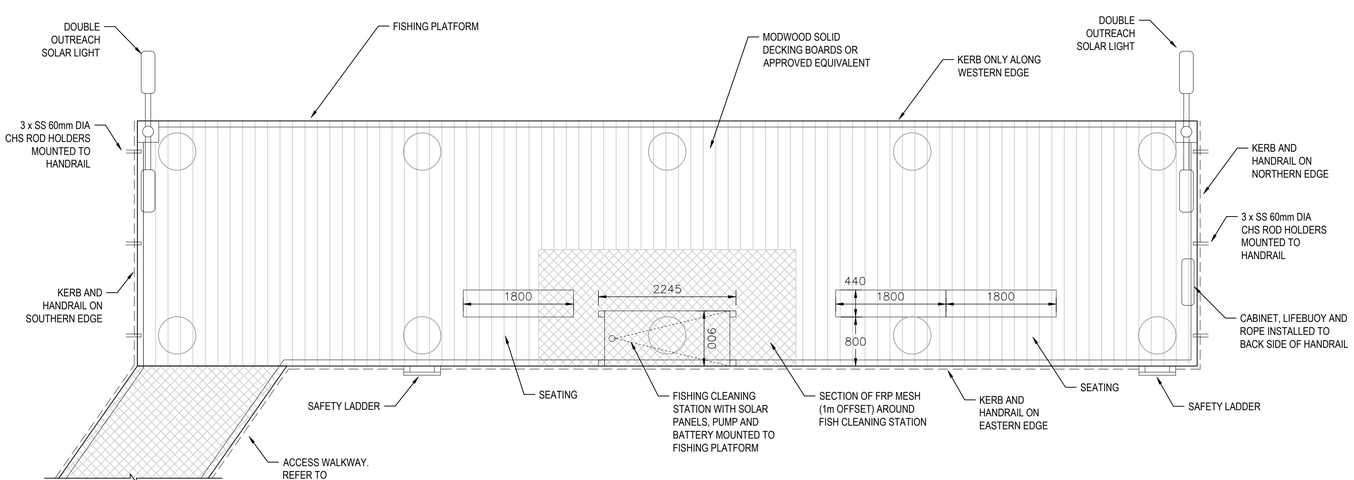
NOTES:

1. CONTRACTOR TO PREPARE SHOP DRAWINGS SHOWING ALL MEMBERS AND CONNECTIONS FOR APPROVAL

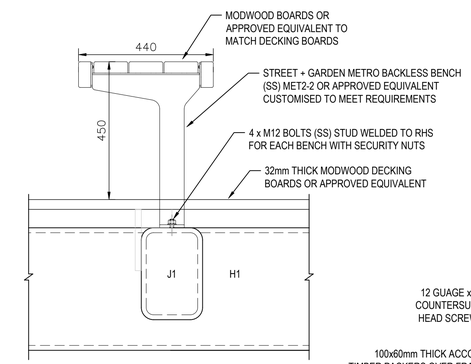
MEMBER SCHEDULE			
MEMBER DESIGNATION	MEMBER TYPE	SIZE	MATERIAL
F1	FRAME	400x300x16 RHS	C450L0 STEEL
H1	HEADSTOCK	400x300x16 RHS	C450L0 STEEL
J1	JOIST	300x200x16 RHS	C450L0 STEEL



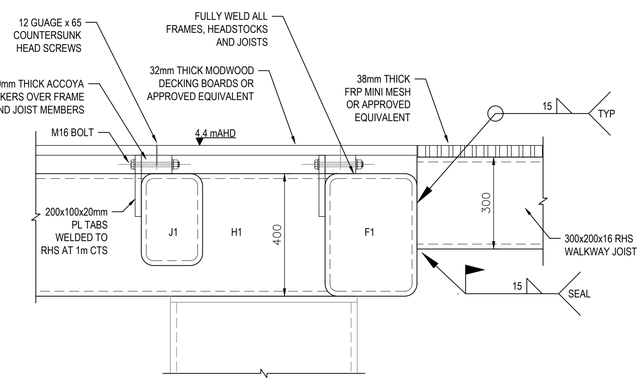
WALKWAY TO PLATFORM CONNECTION DETAIL 8
1:20



FISHING PLATFORM - KERB, HANDRAIL AND AMENITY LAYOUT
1:50



SEATING AND CONNECTION DETAIL
1:10



WALKWAY TO PLATFORM CONNECTION SECTION P
1:10

PROJECT
QUINNS ROCKS
FISHING PLATFORM

CLIENT
City of Wanneroo

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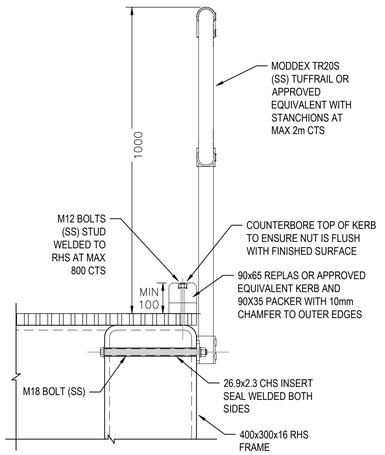
DRAWING TITLE
FISHING PLATFORM MEMBER LAYOUT & DETAILS

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
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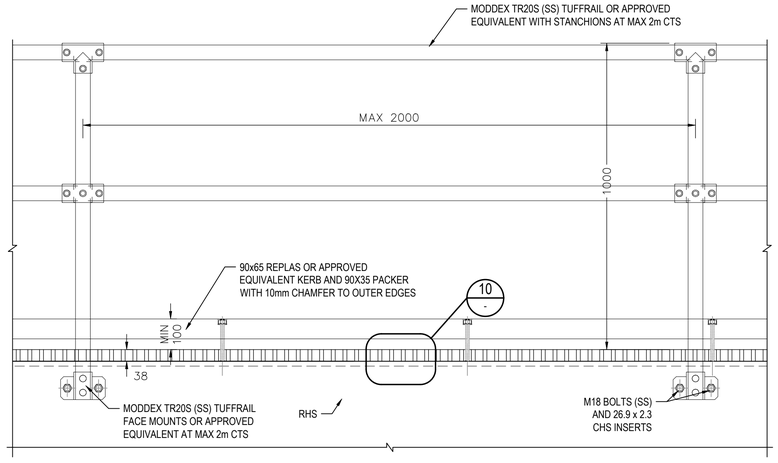
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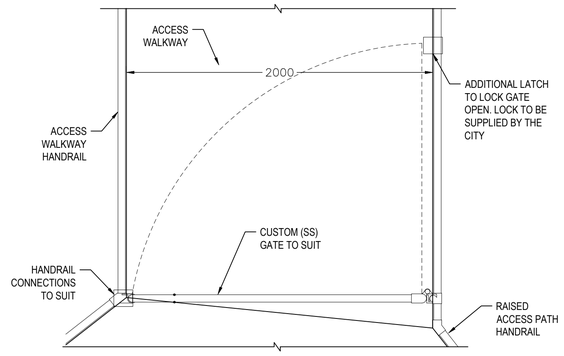
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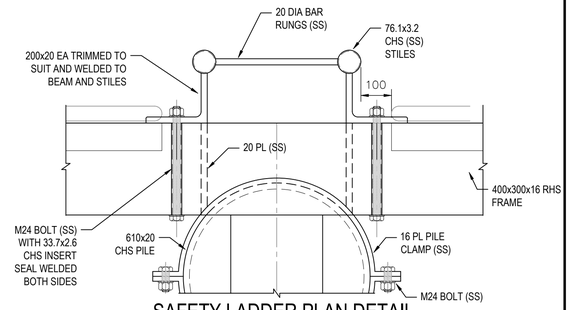
KERB AND HANDRAIL DETAIL (1 / 03-01)
1:10



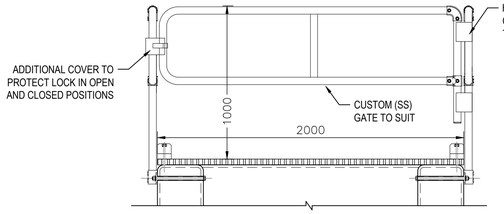
KERB AND HANDRAIL ELEVATION
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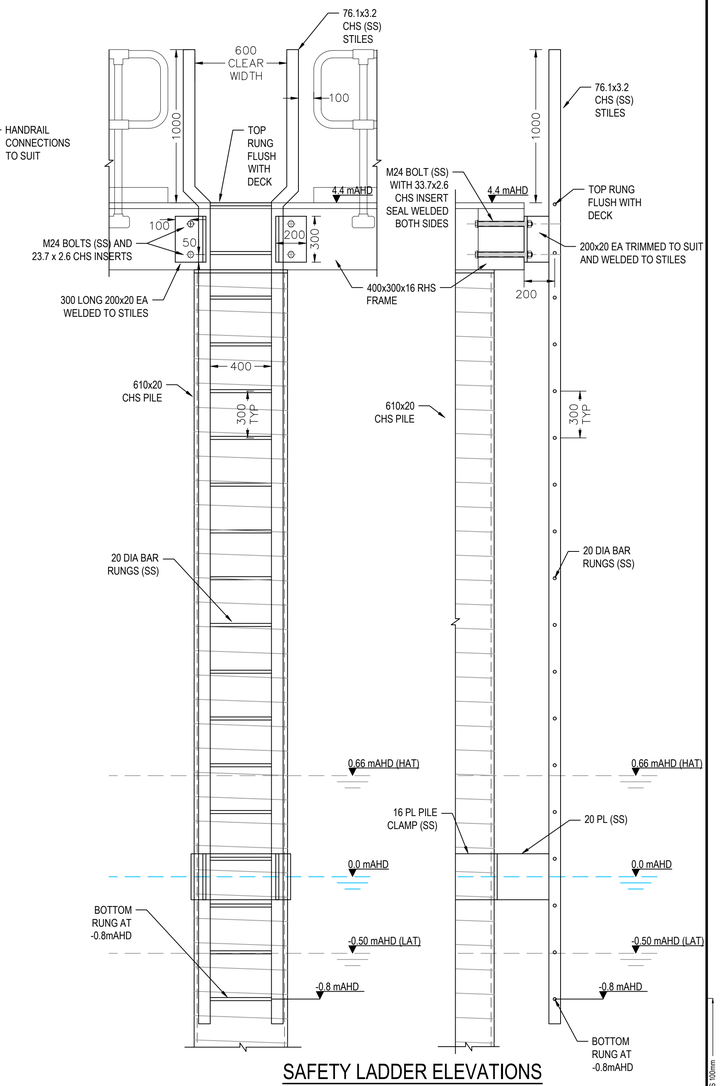
ACCESS WALKWAY GATE DETAIL (7 / 05-02)
1:20



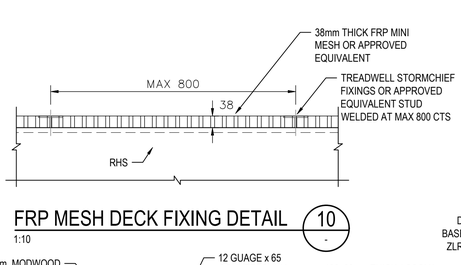
SAFETY LADDER PLAN DETAIL
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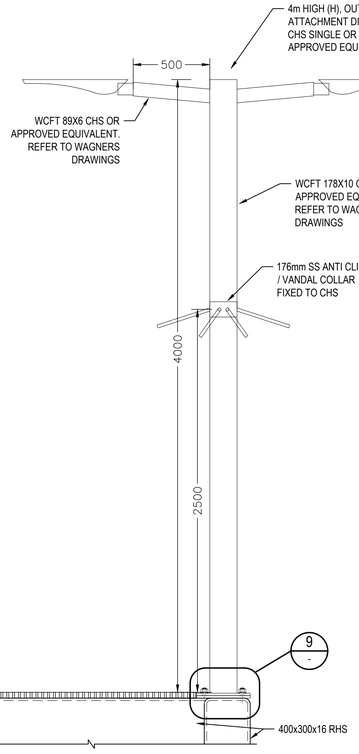
ACCESS WALKWAY GATE ELEVATION
1:20



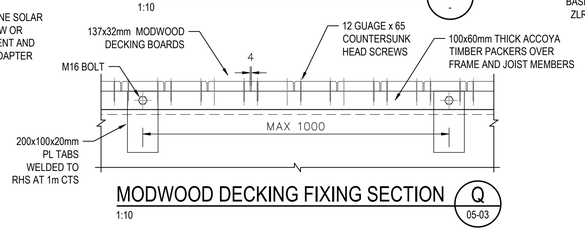
SAFETY LADDER ELEVATIONS
1:20



FRP MESH DECK FIXING DETAIL (10 / -)
1:10

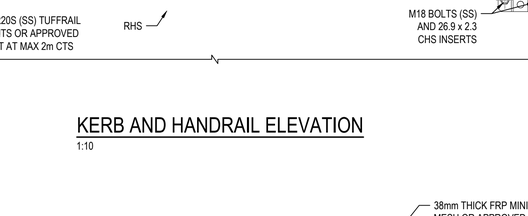


LIGHTPOLE ELEVATION
1:20

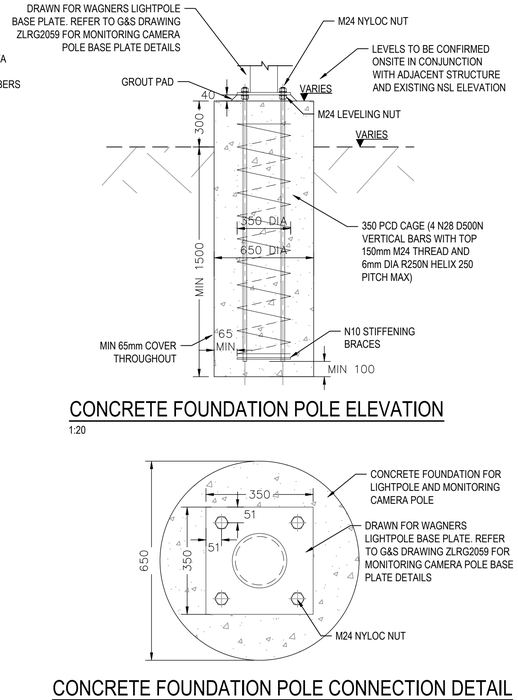


MODWOOD DECKING FIXING SECTION (Q / 05-03)
1:10

LIGHTPOLE CONNECTION DETAIL (9 / -)
1:10



LIGHTPOLE CONNECTION PLAN DETAIL
1:10



CONCRETE FOUNDATION POLE ELEVATION
1:20

CONCRETE FOUNDATION POLE CONNECTION DETAIL
1:10

PROJECT
QUINNS ROCKS FISHING PLATFORM

CLIENT
City of Wanneroo

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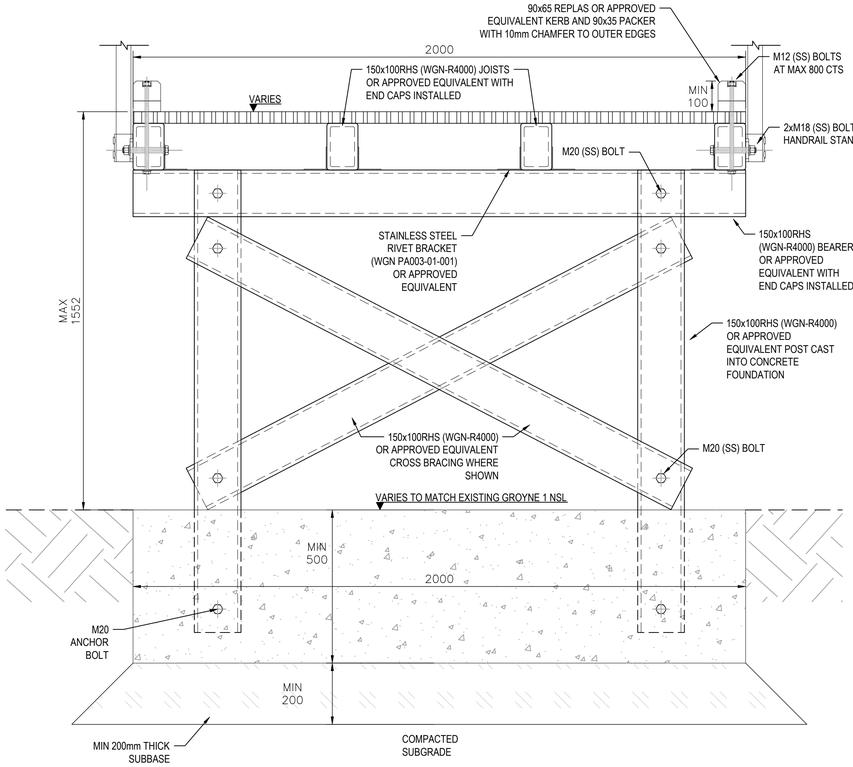
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B	09.02.2026	UPDATED AND ISSUED FOR TENDER	A CLAPIN	A CLAPIN	P DOUST	P DOUST

DRAWING TITLE
CONNECTIONS & DETAILS - SHEET 1 OF 2

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
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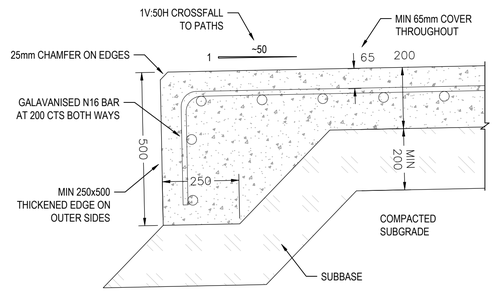
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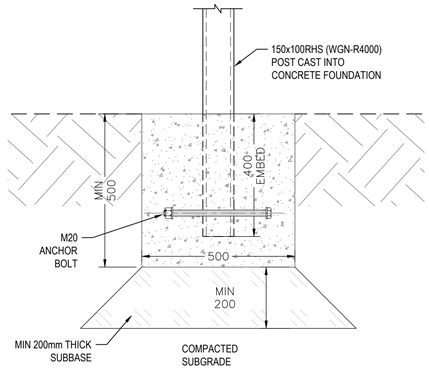
TYPICAL RAISED ACCESS PATH SECTION

1:10 — 10 / 03-01



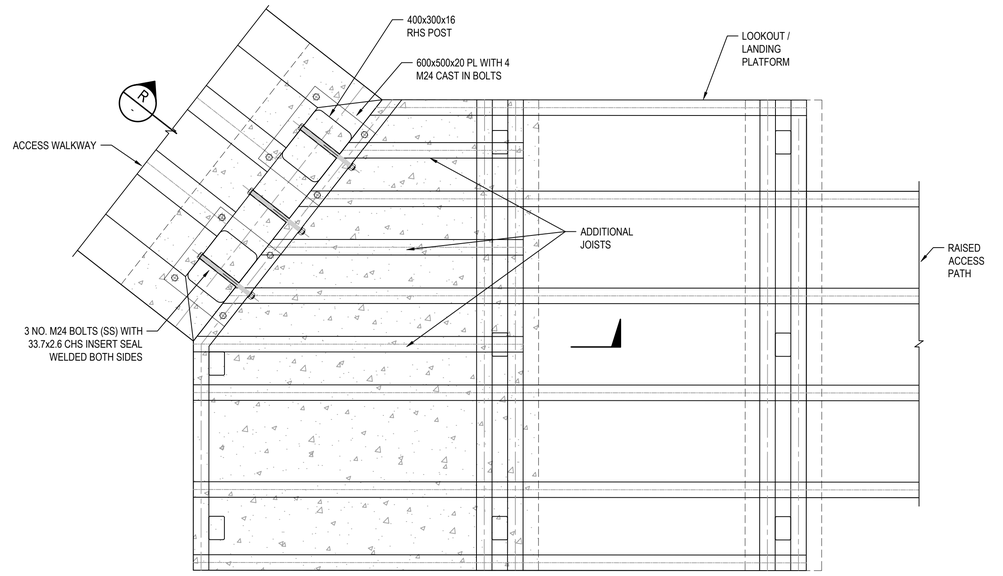
TYPICAL CONCRETE SLAB DETAIL

1:20



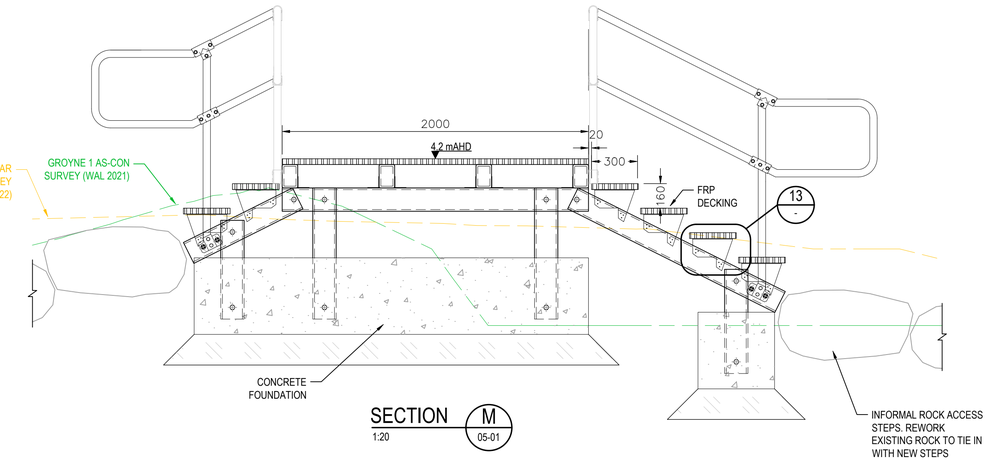
CONCRETE FOOTING DETAIL

1:10 — 14 / 03-01



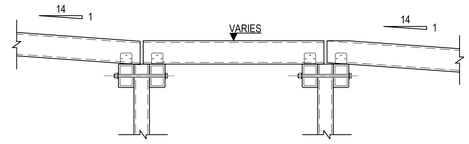
RAISED PATH TO WALKWAY CONNECTION DETAIL

1:20 — 12 / 05-01



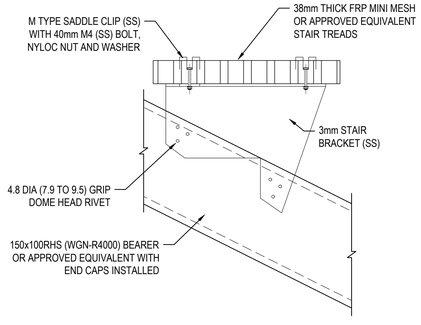
SECTION M

1:20 — 05-01



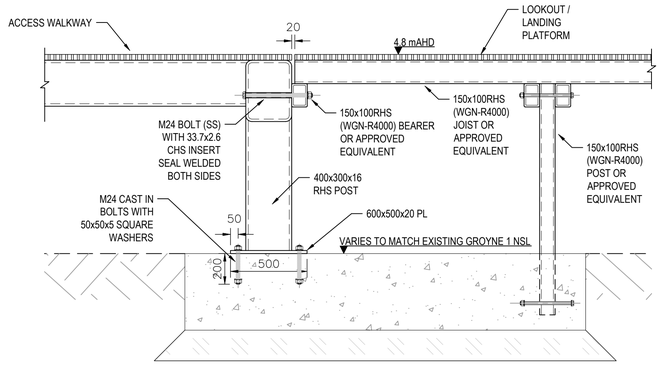
TYPICAL RAISED ACCESS PATH LANDING

1:20 — 11 / 03-01



TYPICAL FRP STAIR TREAD FIXING

1:5 — 13 / -



RAISED PATH TO WALKWAY CONNECTION SECTION

1:20 — R / -

PROJECT

QUINNS ROCKS FISHING PLATFORM

CLIENT

City of Wanneroo

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REVISION	DATE	ISSUE DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED
A	29.01.2026	ISSUED FOR TENDER	A CLAPIN	A CLAPIN	P DOUST	P DOUST
B	09.02.2026	UPDATED AND ISSUED FOR TENDER	A CLAPIN	A CLAPIN	P DOUST	P DOUST

DRAWING TITLE

CONNECTIONS & DETAILS - SHEET 2 OF 2

PROJECT NUMBER	DRAWING NUMBER	REVISION	DWG SIZE
J25001	D25003-01-06-02	B	A1

WHEN SHEET PRINTED FULL SIZE - THIS MEASURES 100mm