



Public Works and
Government Services
Canada

Architectural and
Engineering Services
Atlantic Region

WHARF RECONSTRUCTION

ST. ANDREWS

CHARLOTTE COUNTY, NEW BRUNSWICK

PROJECT NO. 659933

Travaux publics et
Services gouvernementaux
Canada

Services d'architecture
et de génie
Region Atlantique

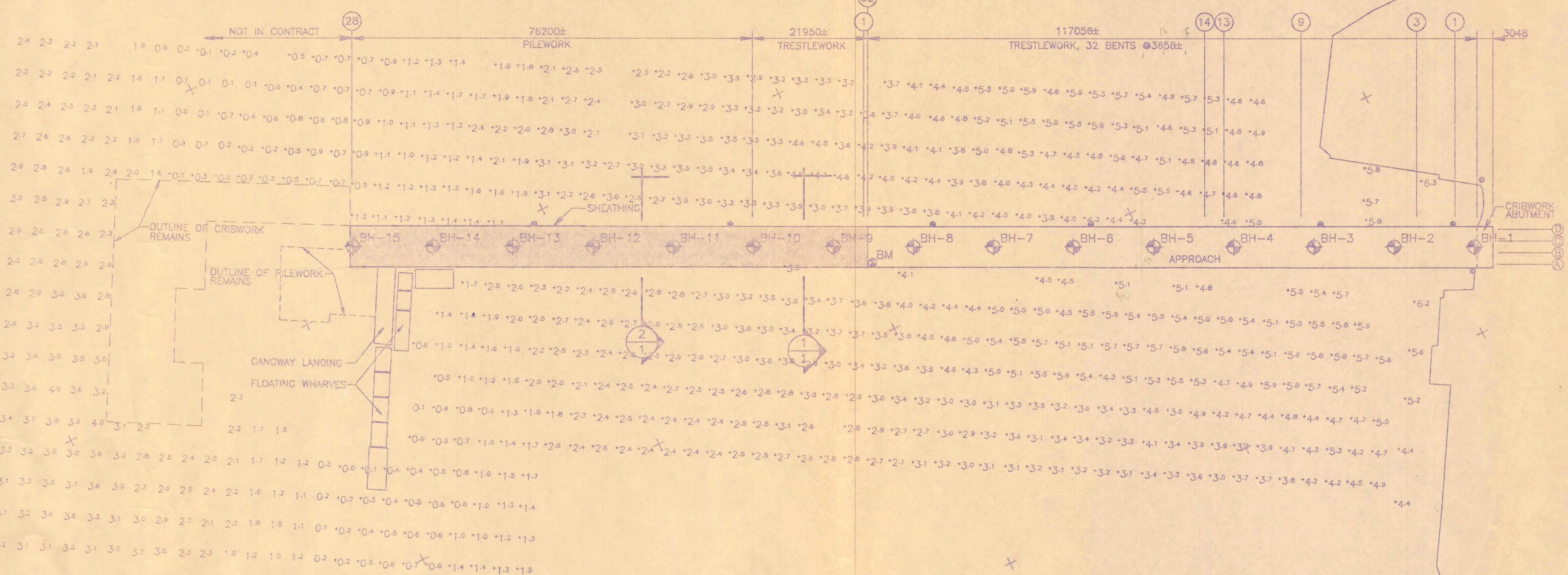
DRAWING LIST

DRAWING NO.	TITLE	DATE
1 OF 5	PLAN OF EXISTING SITE AND SECTIONS	FEBRUARY / 1995
2 OF 5	PILE LAYOUT, PILE SCHEDULE AND BOREHOLE LOGS	FEBRUARY / 1995
3 OF 5	PLAN OF NEW WORK AND SECTIONS	FEBRUARY / 1995
4 OF 5	SECTIONS AND DETAILS	FEBRUARY / 1995
5 OF 5	MISCELLANEOUS DETAILS	FEBRUARY / 1995

E 653 000

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E 653 100



PLAN OF EXISTING SITE

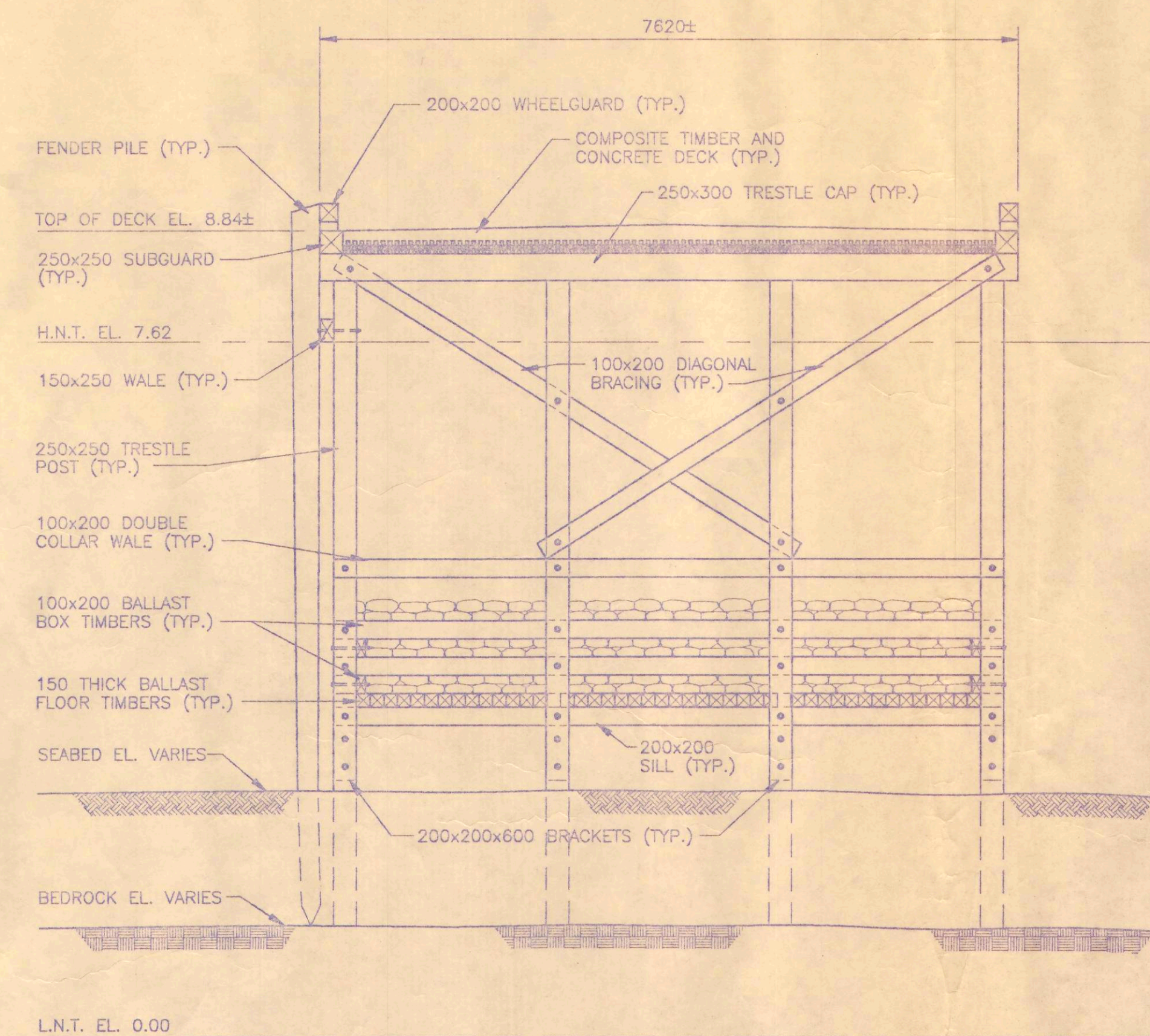
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LEGEND:

- POWER POLE
- INDICATES EXISTING SEABED ELEVATION IN METRES ABOVE L.N.T. SOUNDING SURVEY DONE BY PUBLIC WORKS AND GOVERNMENT SERVICES CANADA, DATED DECEMBER 1992.
- INDICATES EXISTING SEABED ELEVATION IN METRES BELOW L.N.T. SOUNDING SURVEY DONE BY PUBLIC WORKS AND GOVERNMENT SERVICES CANADA, DATED DECEMBER 1992.
- B.M. BENCHMARK-EDGE OF DECK ELEVATION 8.64 METRES ABOVE L.N.T.
- DENOTES ITEMS OF WORK FOR DEMOLITION AND REMOVAL
- BH-7 BOREHOLE LOG OBTAINED FROM P.W.C. PLAN No. A-522 DATED JUNE 1955

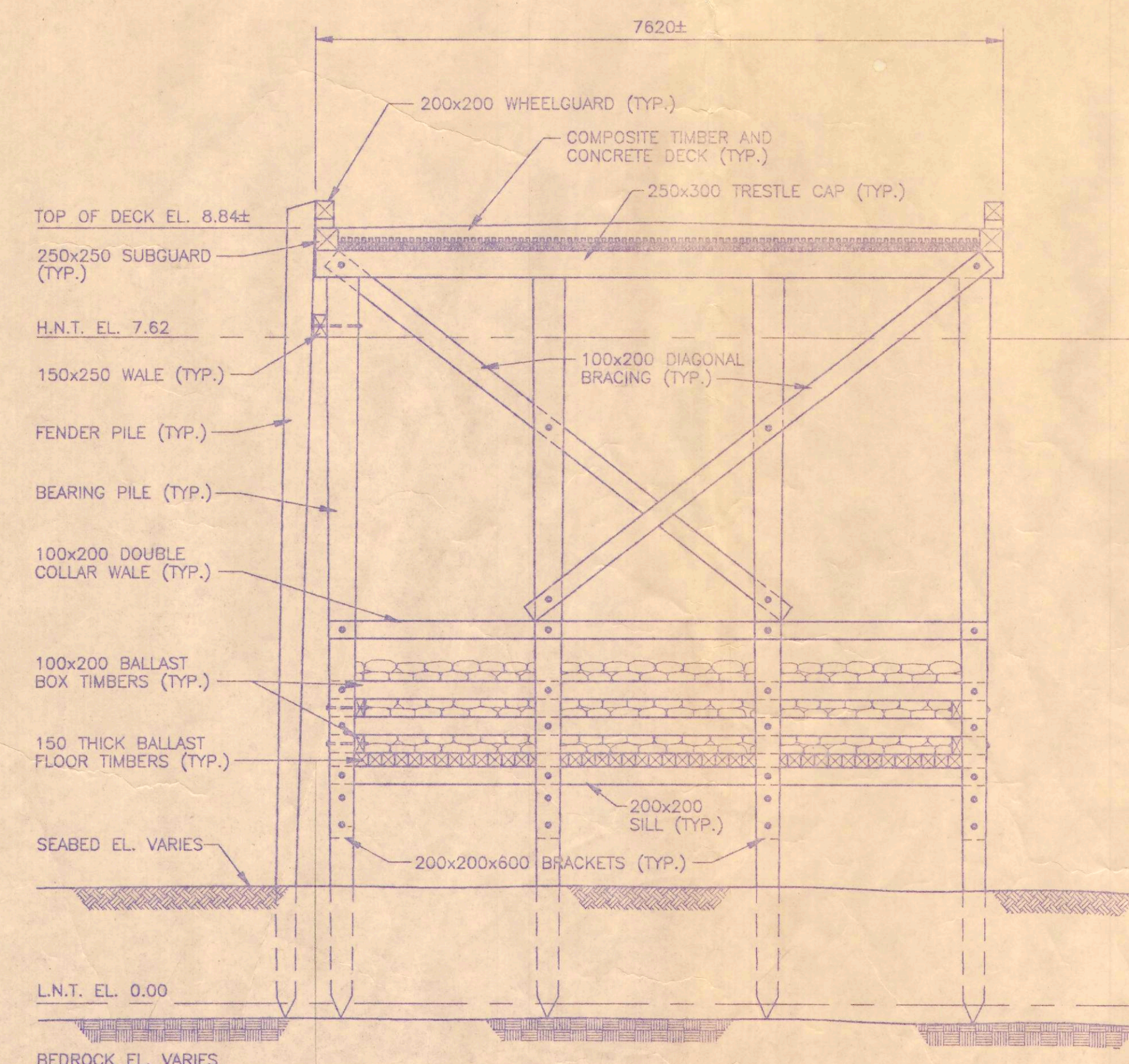
NOTES:

- REMOVE AND DISPOSE OF OFFSITE EXISTING WHEELGUARDS, CHOCKS, SUBGUARD, COMPOSITE TIMBER AND CONCRETE DECK, TRESTLE AND PILE CAPS, BRACING, WALES, TRESTLE POSTS, BEARING PILES, SHEATHING, LADDERS, FENDER PILES, BALLAST BOXES INCLUDING BOX TIMBERS, FLOOR TIMBERS, BALLAST SILLS AND BRACKETS, AND ALL ASSOCIATED FASTENINGS IN THE AREA SHOWN SHADED.
- REMOVE AND DISPOSE OF OFFSITE EXISTING POWER POLES AND ELECTRICAL CONDUITS, AND ALL FASTENINGS IN THE AREA SHOWN SHADED.
- EXISTING FENDER PILES DESIGNATED TO REMAIN ARE TO BE DETACHED AND STORED ON SITE AND REINSTALLED IN NEW WORK.
- REPLACE TRESTLE POST 3A, SEE DETAIL D1/14
- REPLACE TRESTLE BENTS 9, 13, 14, SEE DETAIL D2/14



SECTION 1

SCALE 1:50
0 1000 2000 3000 4000 5000mm



SECTION 2

SCALE 1:50
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revisions	
A	A detail no. not to be used
B	B detail no. not to be used
C	C detail no. not to be used

project

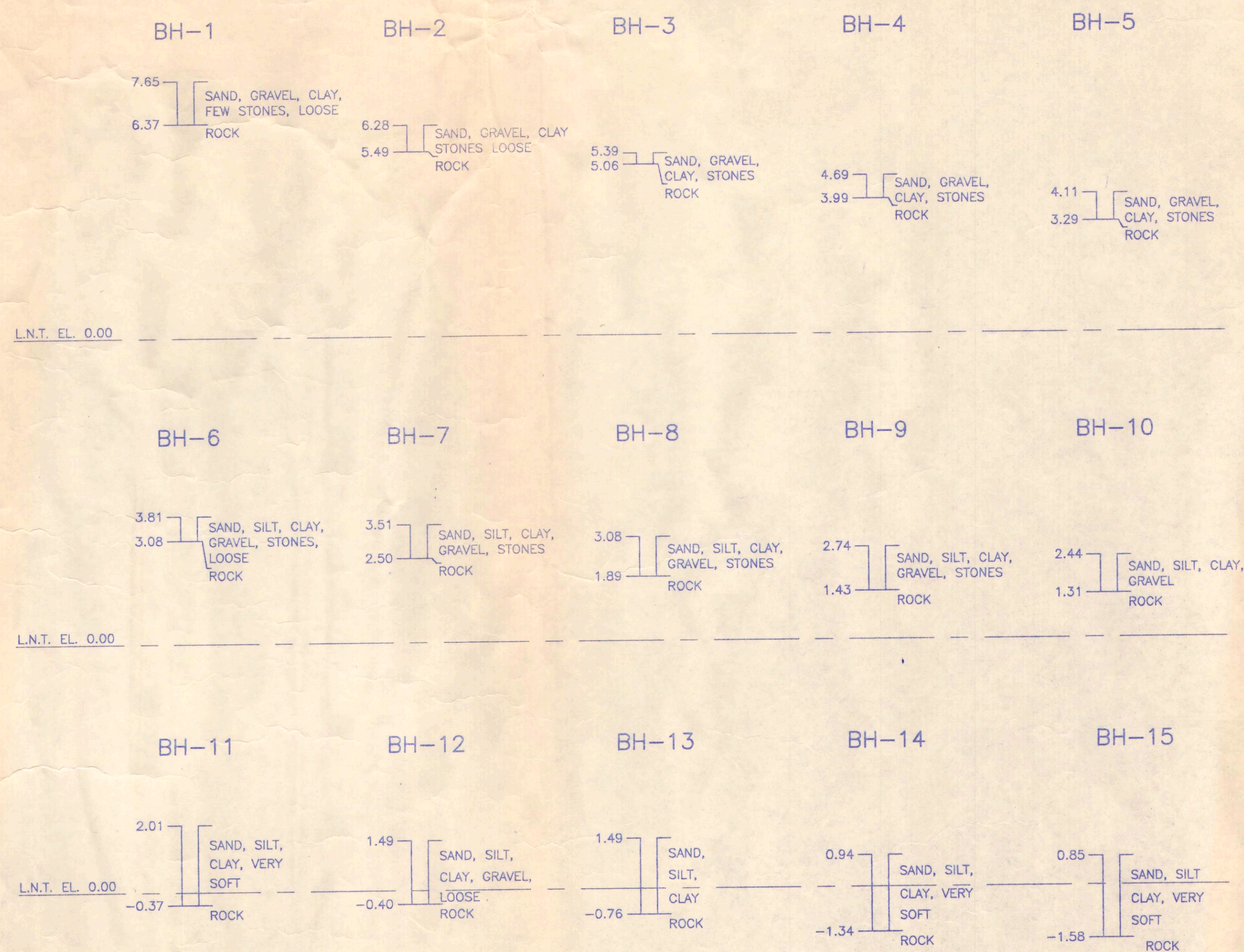
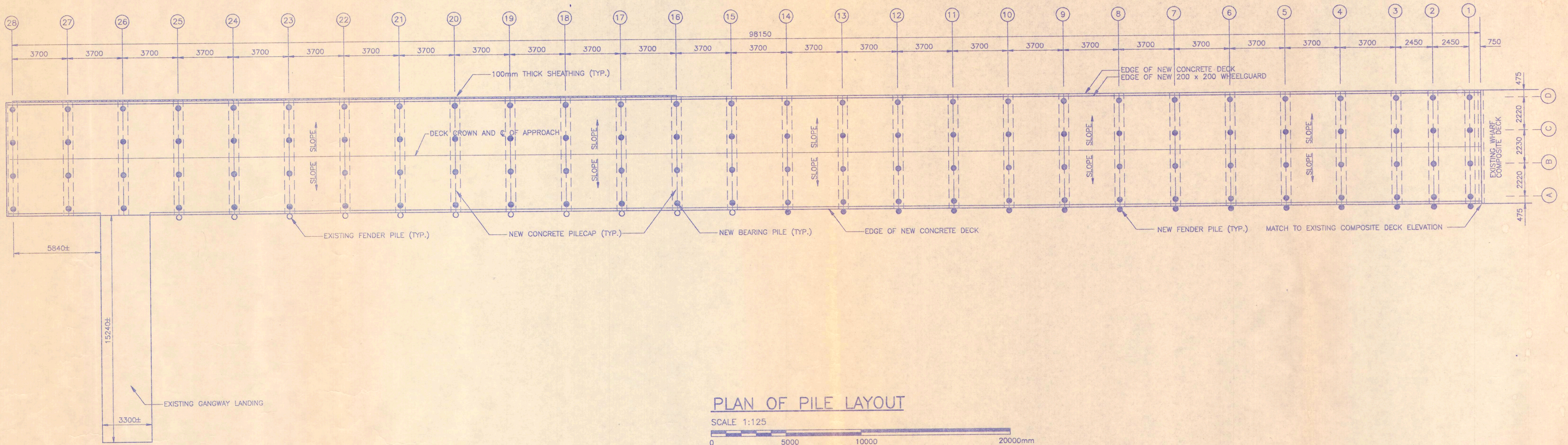
WHARF RECONSTRUCTION

ST. ANDREW'S
CHARLOTTE COUNTY, N.B.

drawing

PLAN OF EXISTING SITE
AND SECTION

designed by *[Signature]*
date Feb. 14/95
drawn by JACQUES GOGUEN
date FEBRUARY, 1995
approved by *[Signature]*
date Feb. 14/95
Tender *[Signature]*
PWSC Project Manager Administrator
project number 659933
drawing no. 1 OF 5



- NOTES:
- BOREHOLES DONE BY PUBLIC WORKS OF CANADA IN MARCH, 1955.
 - ANY INFORMATION PERTAINING TO SOILS AND ALL BOREHOLE DATA ARE FURNISHED BY THE ENGINEER AS A MATTER OF INFORMATION ONLY. BOREHOLE DATA IS NOT TO BE INTERPRETED AS DESCRIPTIVE OF CONDITIONS AT LOCATIONS OTHER THAN THOSE DESCRIBED BY THE BOREHOLES THEMSELVES.
 - CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO START OF WORK.

TIMBER BEARING PILE SCHEDULE

PILE NO.	ESTIMATED SUPPLY LENGTH	LENGTH PLACED IN WORK	BLOWS/ LAST 25mm	PILE NO.	ESTIMATED SUPPLY LENGTH	LENGTH PLACED IN WORK	BLOWS/ LAST 25mm	PILE NO.	ESTIMATED SUPPLY LENGTH	LENGTH PLACED IN WORK	BLOWS/ LAST 25mm
1A	9.1m			10C	10.7m			19D	12.2m		
1B	9.1m			10D	10.7m			20A	12.2m		
1C	9.1m			11A	10.7m			20B	12.2m		
1D	9.1m			11B	10.7m			20C	12.2m		
2A	9.1m			11C	10.7m			20D	12.2m		
2B	9.1m			11D	10.7m			21A	12.2m		
2C	9.1m			12A	10.7m			21B	12.2m		
2D	9.1m			12B	10.7m			21C	12.2m		
3A	9.1m			12C	10.7m			21D	12.2m		
3B	9.1m			12D	10.7m			22A	12.2m		
3C	9.1m			13A	10.7m			22B	12.2m		
3D	9.1m			13B	10.7m			22C	12.2m		
4A	9.1m			13C	10.7m			22D	12.2m		
4B	9.1m			13D	10.7m			23A	12.2m		
4C	9.1m			14A	10.7m			23B	12.2m		
4D	9.1m			14B	10.7m			23C	12.2m		
5A	9.1m			14C	10.7m			23D	12.2m		
5B	9.1m			14D	10.7m			24A	12.2m		
5C	9.1m			15A	10.7m			24B	12.2m		
5D	9.1m			15B	10.7m			24C	12.2m		
6A	9.1m			15C	10.7m			24D	12.2m		
6B	9.1m			15D	10.7m			25A	12.2m		
6C	9.1m			16A	10.7m			25B	12.2m		
6D	9.1m			16B	10.7m			25C	12.2m		
7A	9.1m			16C	10.7m			25D	12.2m		
7B	9.1m			16D	10.7m			26A	12.2m		
7C	9.1m			17A	10.7m			26B	12.2m		
7D	9.1m			17B	10.7m			26C	12.2m		
8A	9.1m			17C	10.7m			26D	12.2m		
8B	9.1m			17D	10.7m			27A	12.2m		
8C	9.1m			18A	10.7m			27B	12.2m		
8D	9.1m			18B	10.7m			27C	12.2m		
9A	9.1m			18C	10.7m			27D	12.2m		
9B	9.1m			18D	10.7m			28A	12.2m		
9C	9.1m			19A	12.2m			28B	12.2m		
9D	9.1m			19B	12.2m			28C	12.2m		
10A	10.7m			19C	12.2m			28D	12.2m		
10B	10.7m										

revisions

A
C

project

WHARF RECONSTRUCTION

ST. ANDREW
CHARLOTTE COUNTY

drawing

PILE LAYOUT
PILE SCHEDULE
BOREHOLE LOGS

designed by

date

drawn by

date

approved by

date

Tender

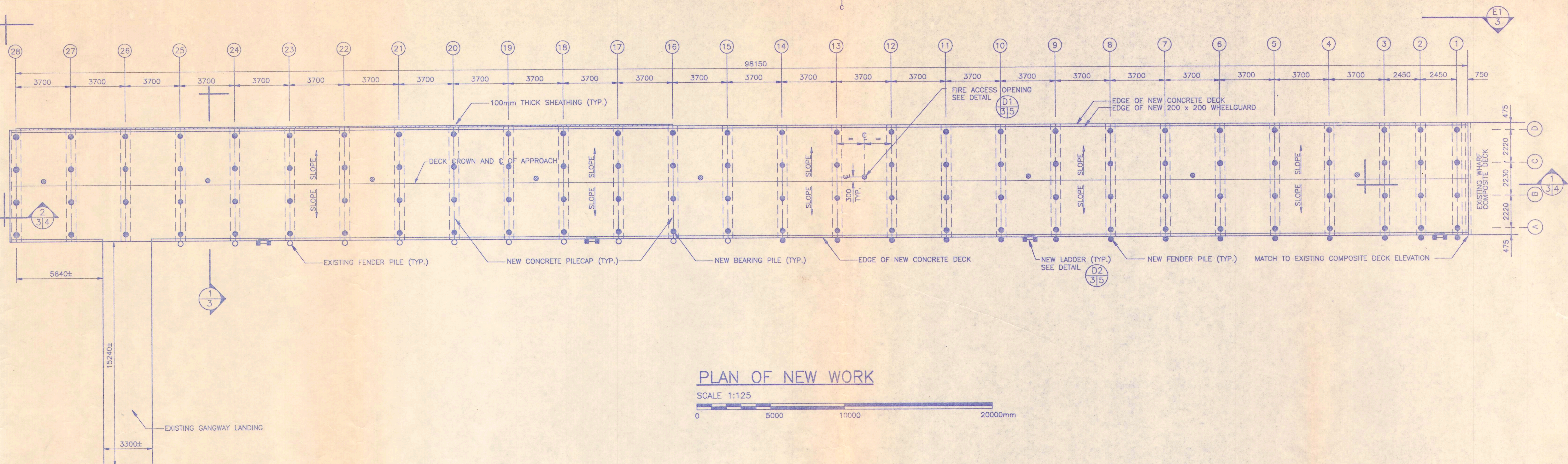
Public Project Manager Administration

project number

6599

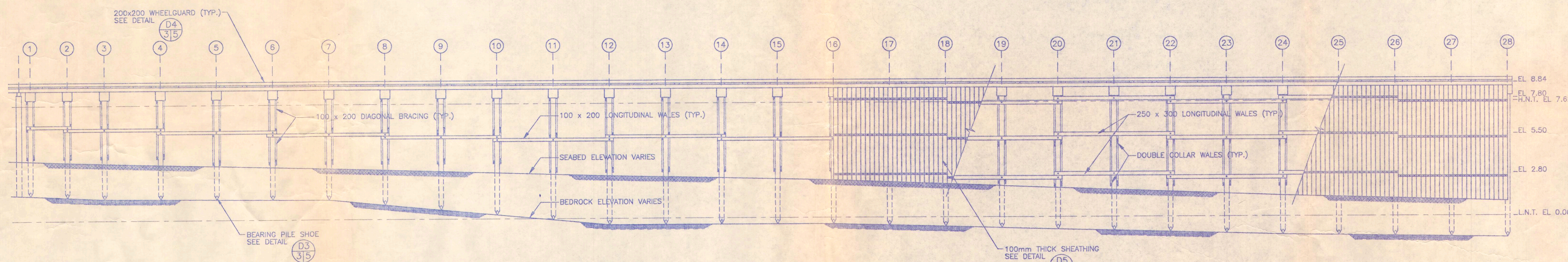
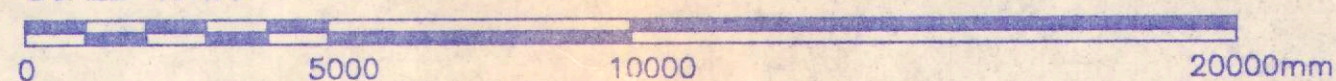
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2 OF 2



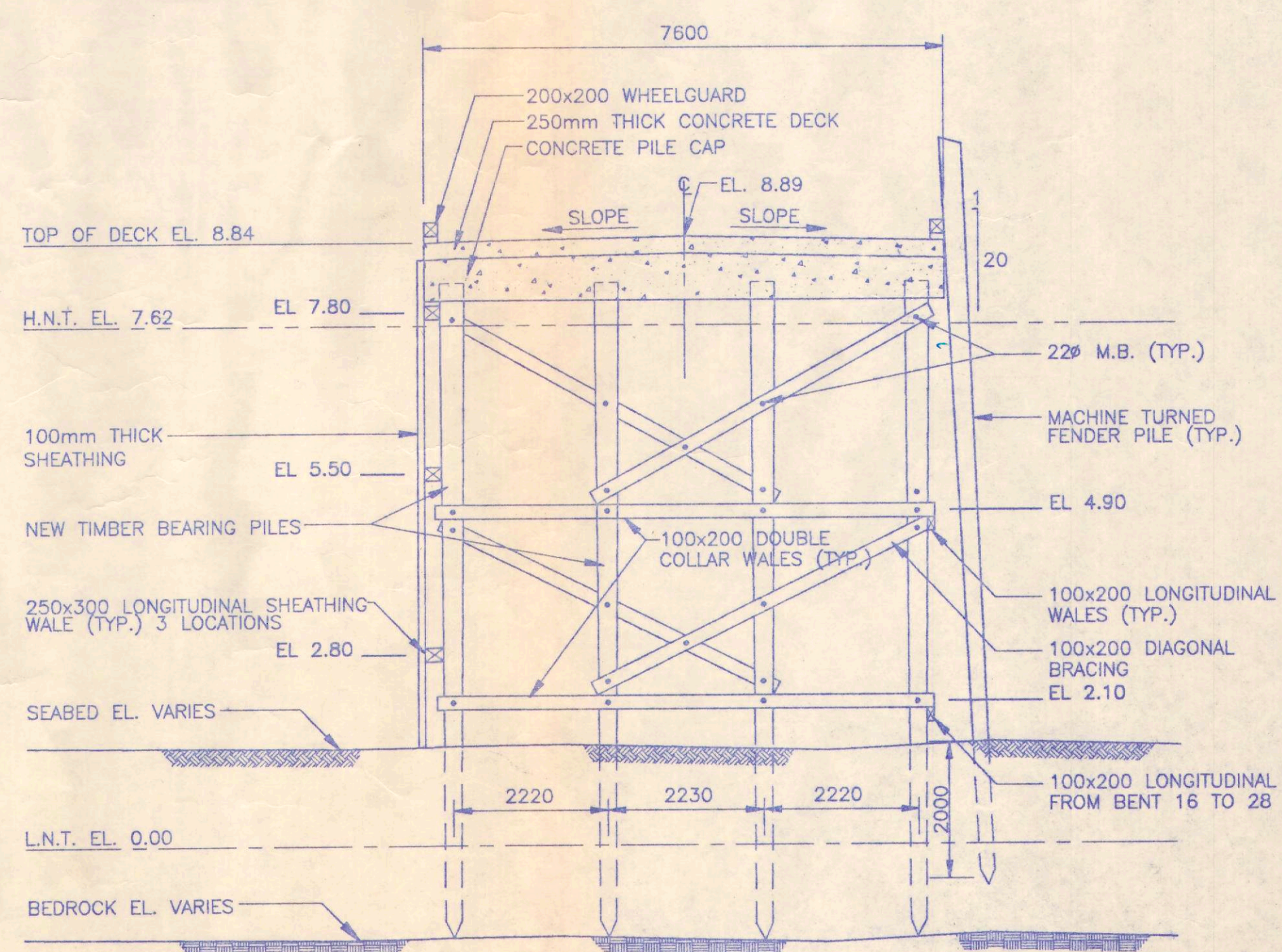
PLAN OF NEW WORK

SCALE 1:125



ELEVATION

SCALE 1:125



SECTION

SCALE 1:75

GENERAL NOTES:

- Design Live Load
 - Highway Truck Load: MS200
 - Uniformly Distributed Load: 15 kN/m²
- Cast in Place Concrete
 - to CSA G30.12 - M1977, Billet Steel, Grade 400 deformed bars.
 - unless noted otherwise, all lap splices Class C splices to CAN3-A23.3-M90.
- Miscellaneous Steel
 - to CSA G40.21 - M1981, Type 300 w.
- Bolts and Anchor Bolts
 - to ASTM A307-83A.
- Concrete minimum compressive strength at 28 days = 35MPa.
 - Concrete protection for reinforcement 75mm minimum.
- All miscellaneous metals galvanized with minimum zinc coating of 610 g/m² to CSA G164-M1981.
- All timbers treated as per specifications, except for fender piles.
- All field cuts treated with (3) coats of approved preservative. This includes tops of all untreated fender piles.

revisions

A	Adetail no. no. du détail
C	Blockation drawing no. leur dessin no.
	Cadrawing no. dessin no.

project

WHARF RECONSTRUCTION

ST. ANDREW
CHARLOTTE COUNTY,

drawing

PLAN OF NEW
AND SECTION

designed

date Feb. 14/95

drawn JACQUES GOGUE

date FEBRUARY, 1995

approved

date Feb. 14/95

Tender

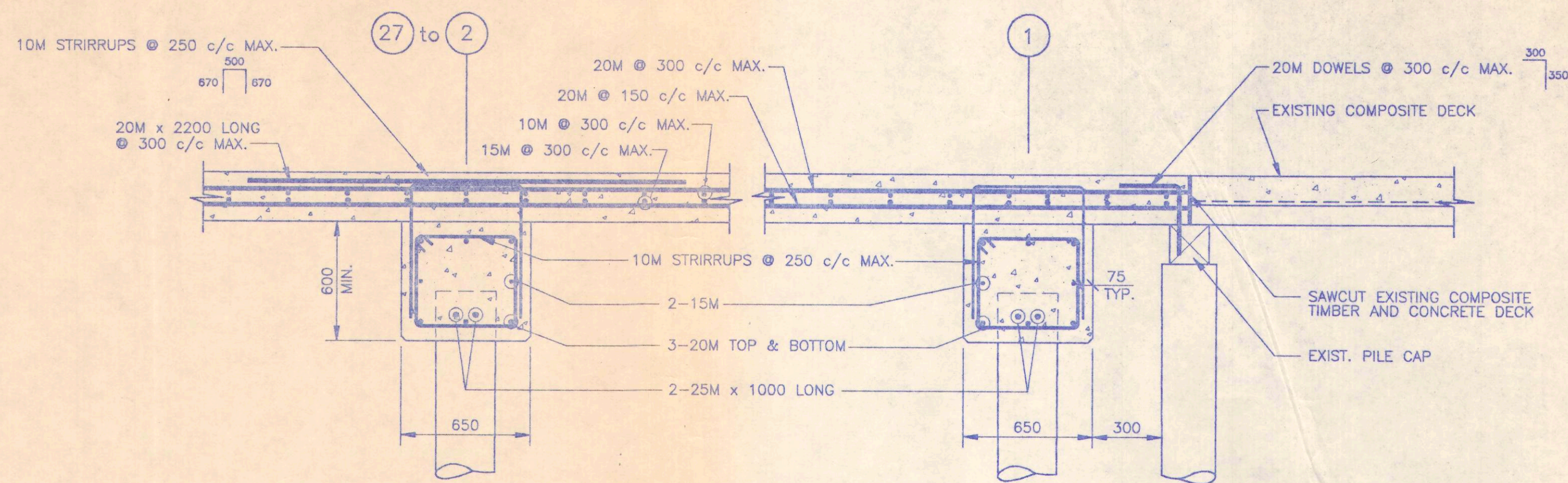
PWSSC Project Manager, Administration

project number

659937

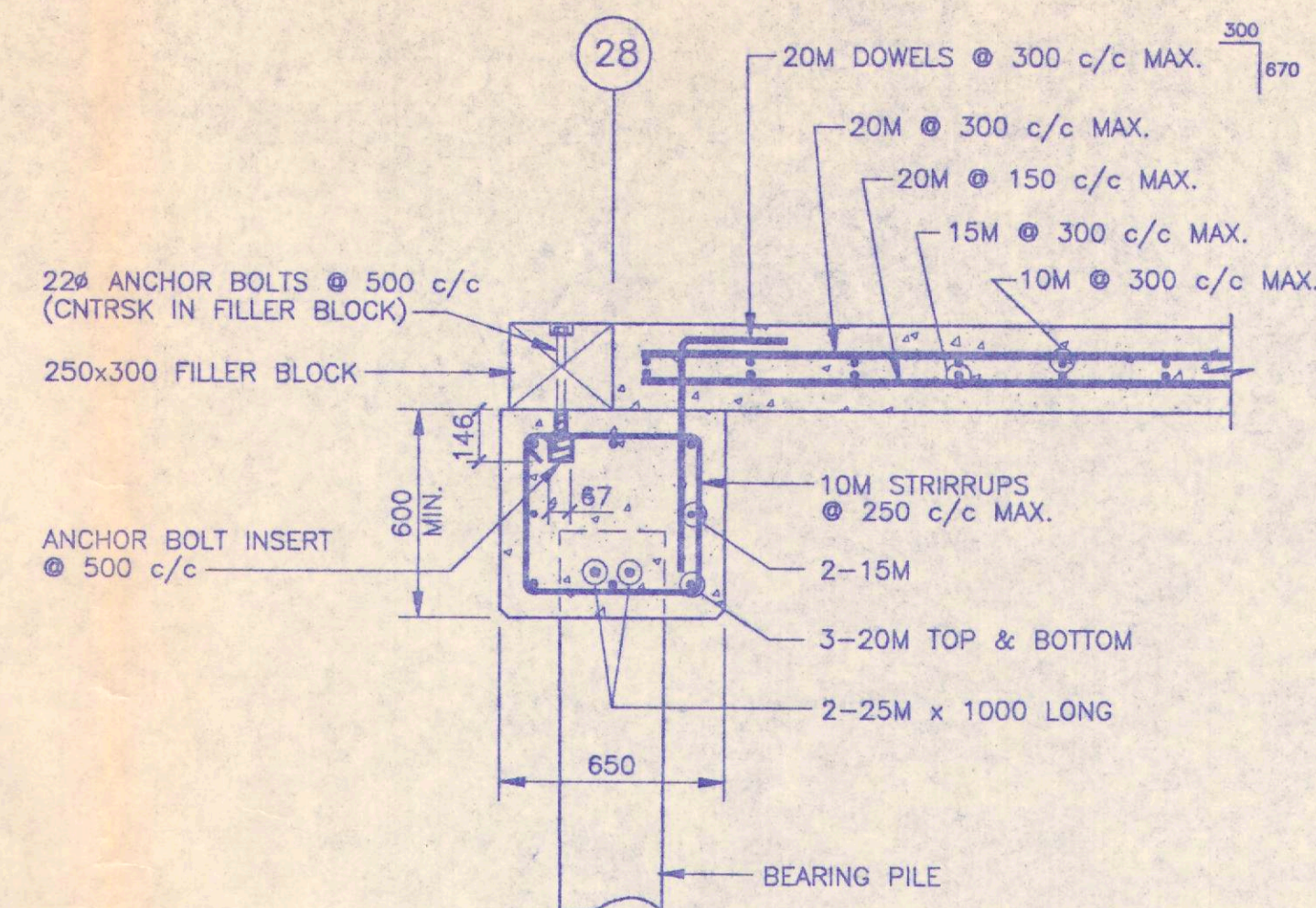
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3 OF



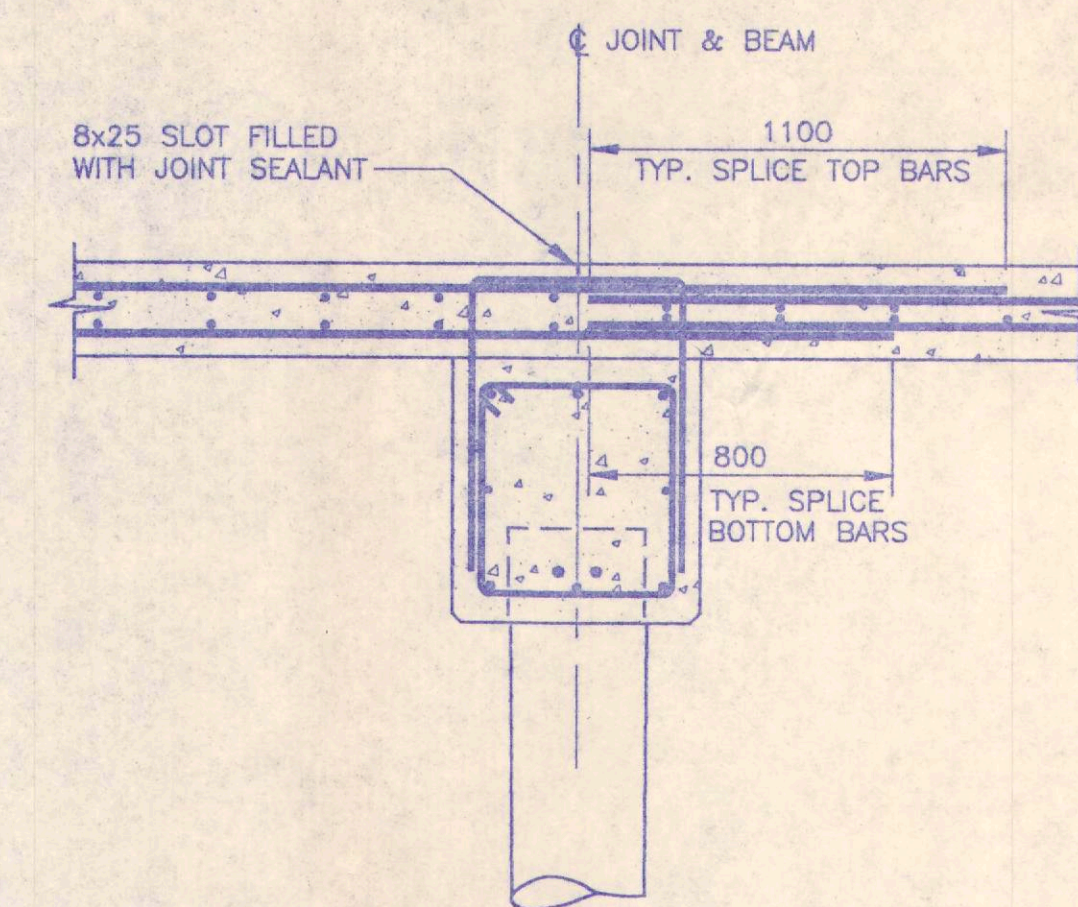
LONGITUDINAL SECTION THRU DECK & PILE CAP

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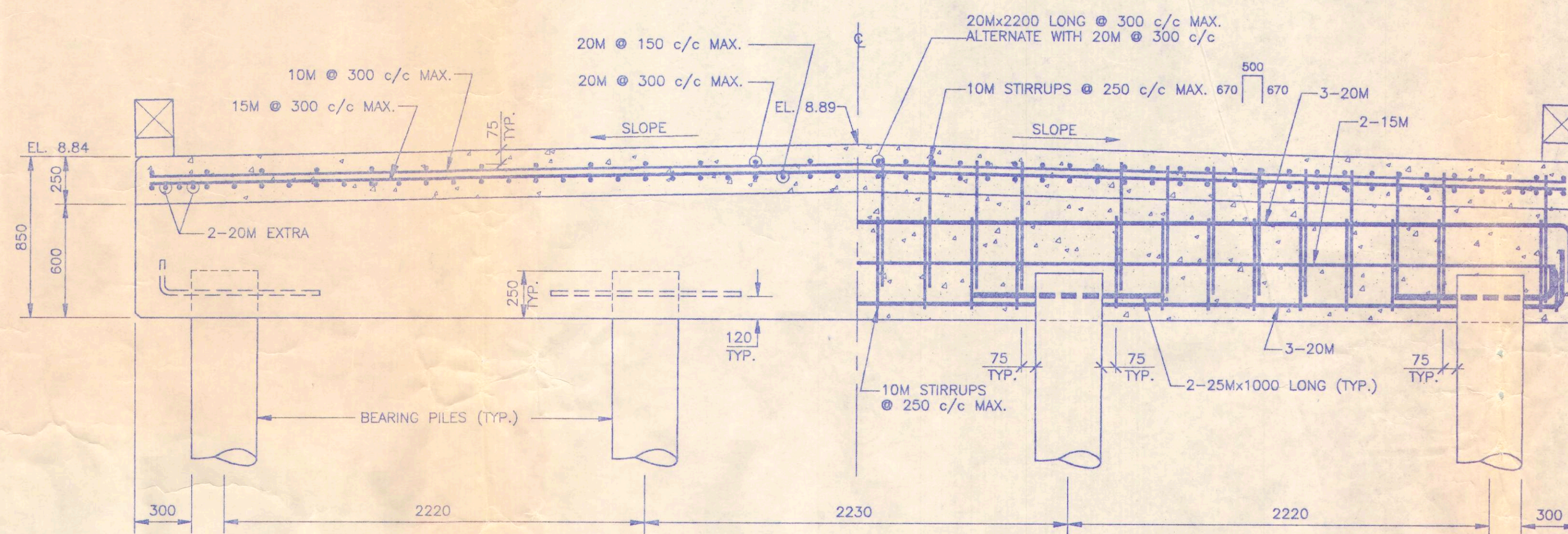
SECTION 28

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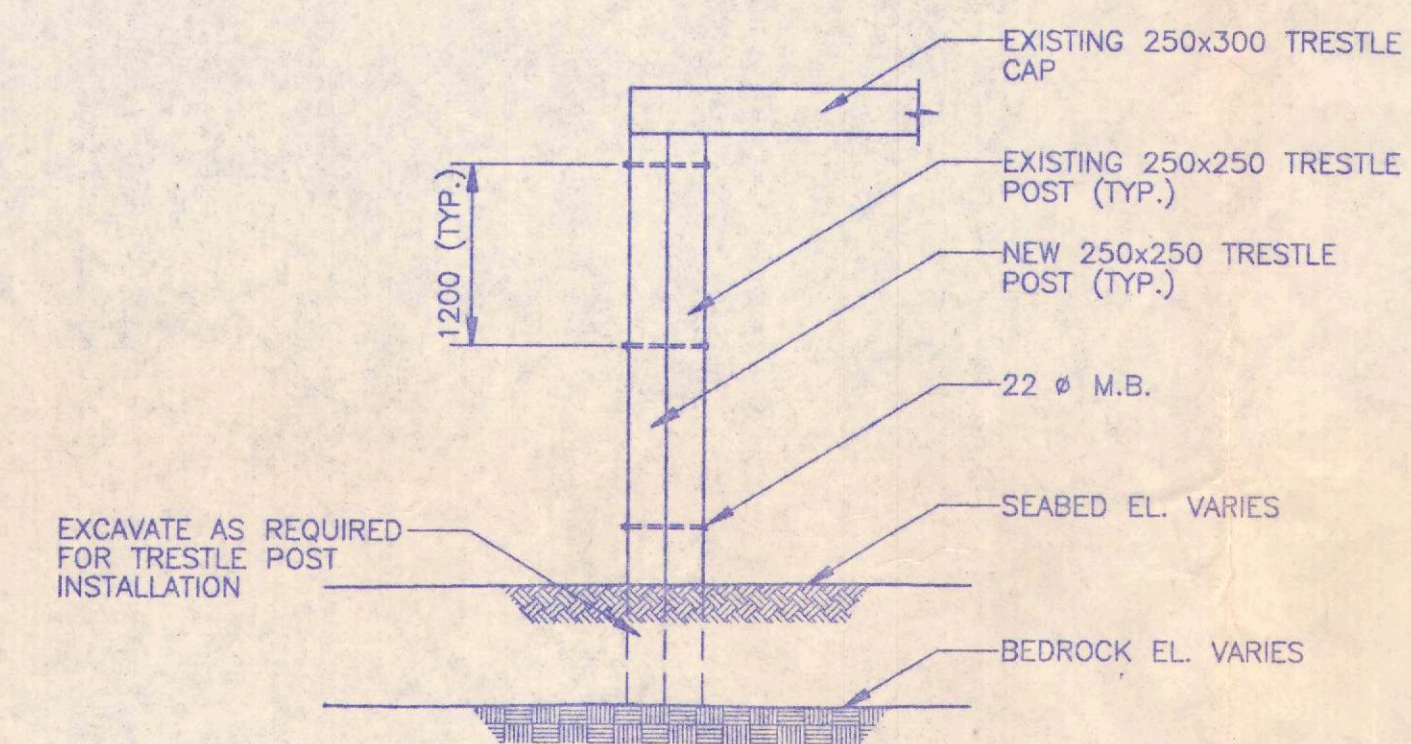
TYPICAL CONSTRUCTION JOINT DETAIL

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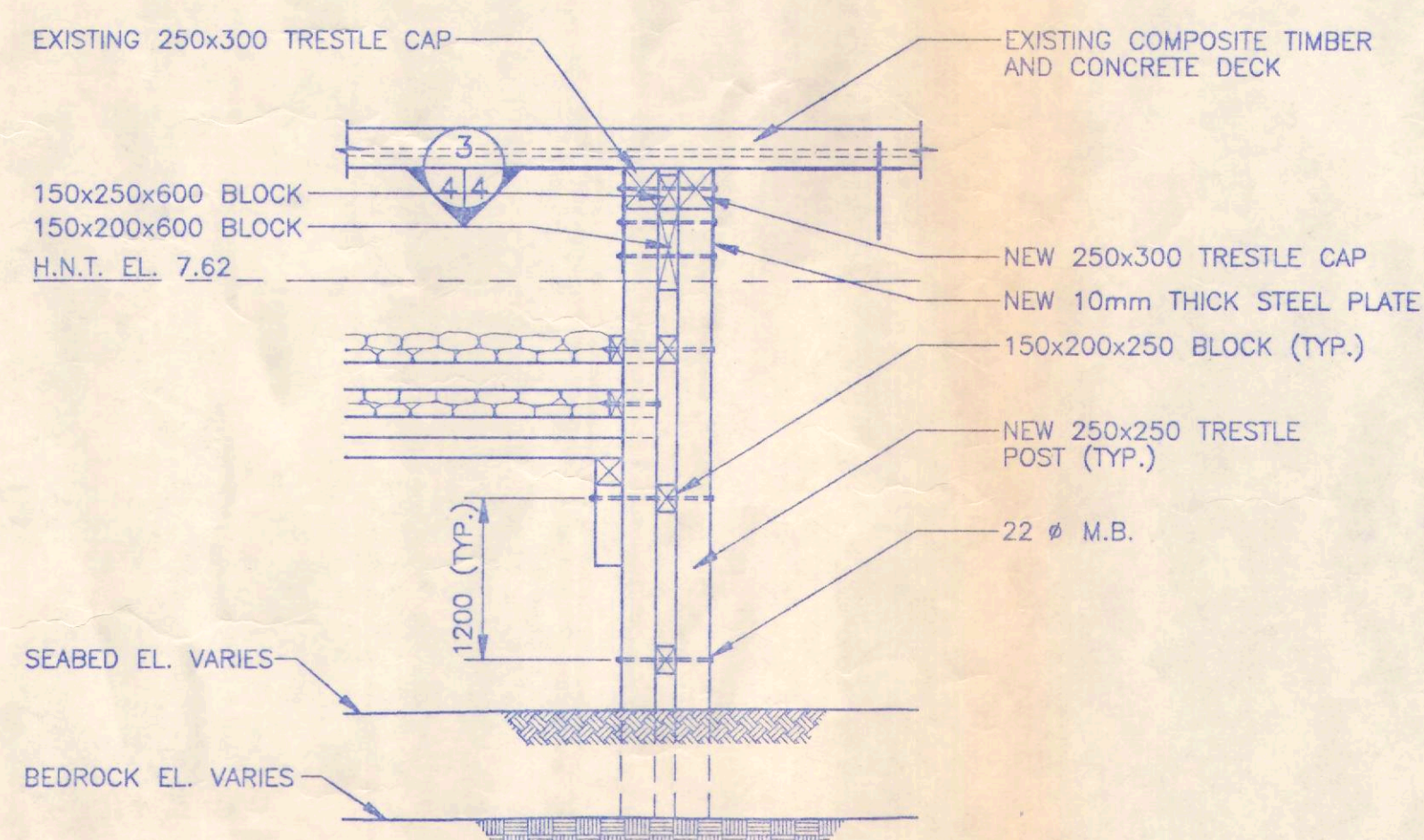
TYPICAL TRANSVERSE SECTION THRU DECK & PILE CAP

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TRESTLE POST REPLACEMENT DETAIL

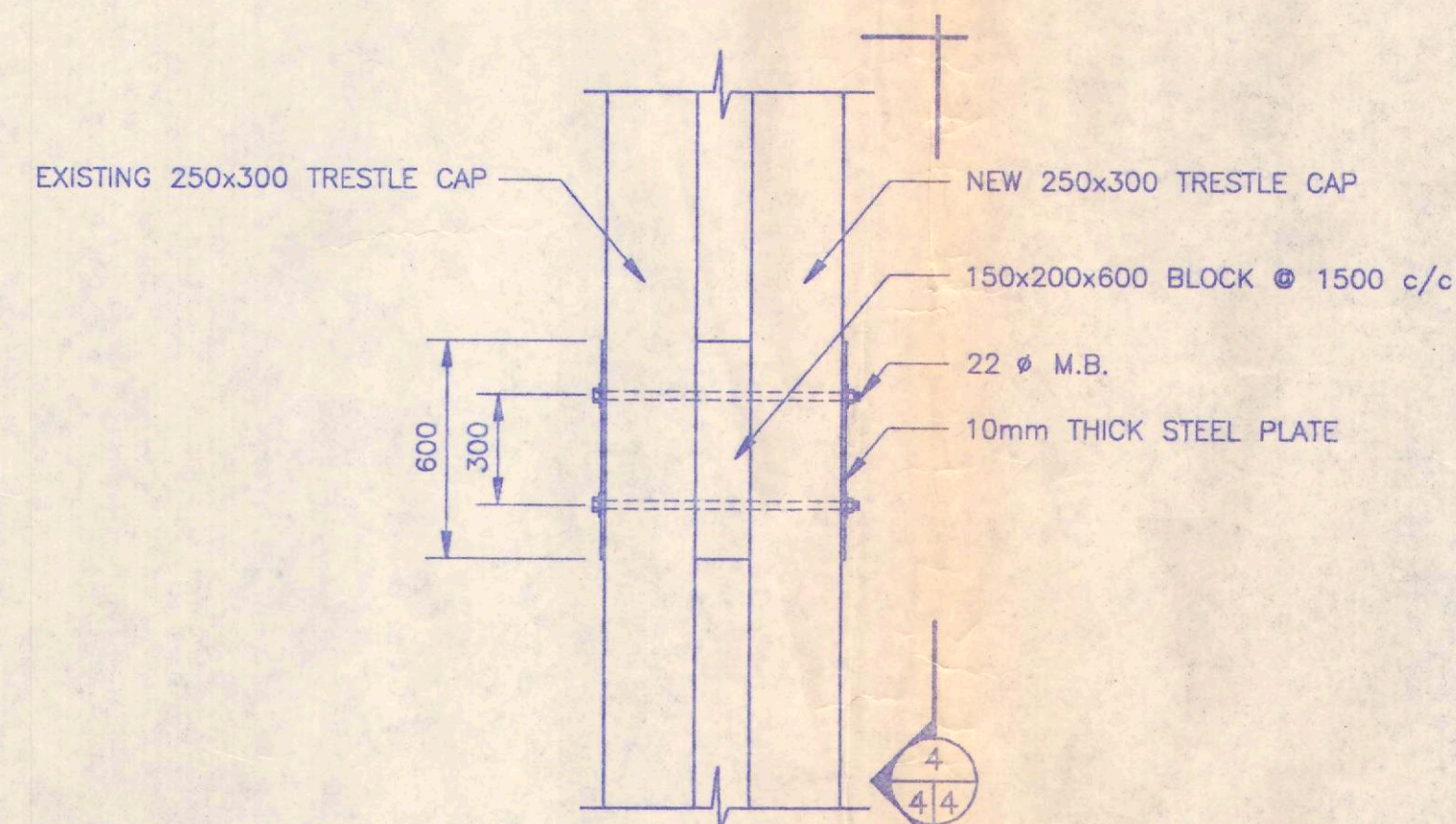
TRESTLE POST 3A
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TRESTLE POST & CAP DETAIL

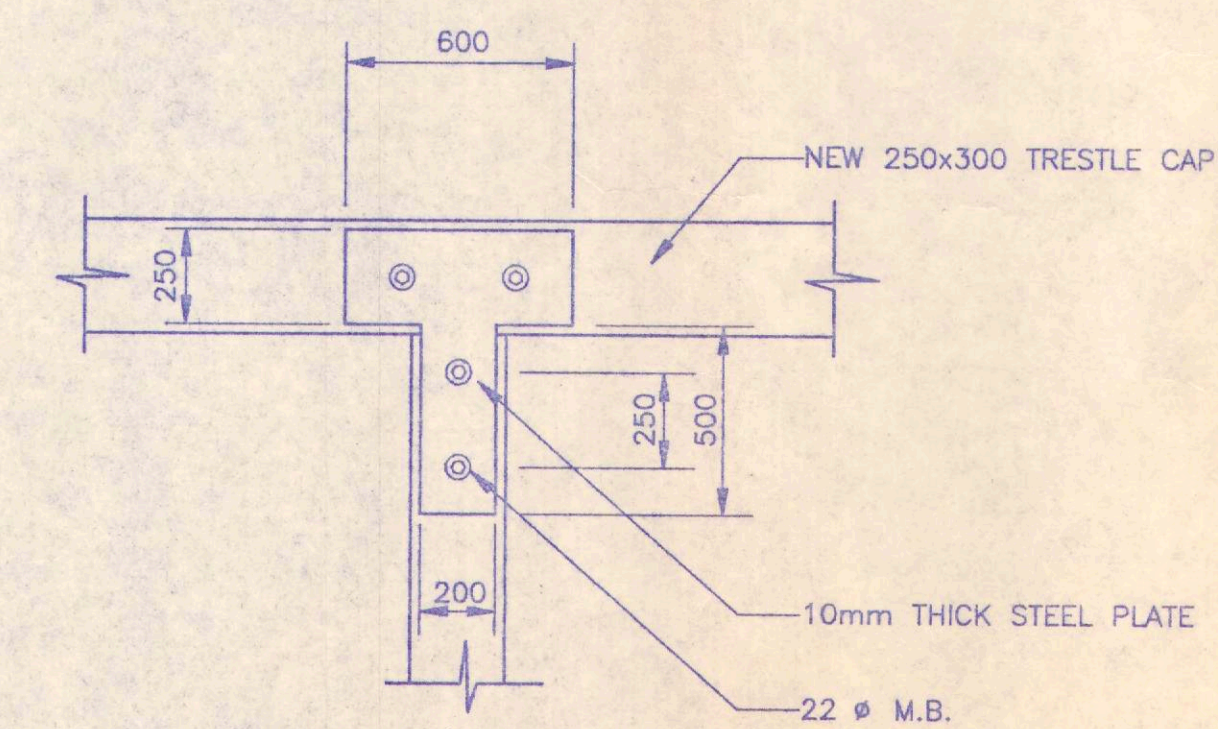
BENTS 9, 13, & 14

SCALE 1:50
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SECTION 3

SCALE 1:20
0 500 1000 2000mm



SECTION 4

SCALE 1:20
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Revisions

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Blockation drawing n
sur dessin no.
C drawing no.
dessin no.

project

WHARF RECONSTRUCTION

ST. ANDRE
CHARLOTTE COUNTY,

drawing

SECTIONS A
DETAILS

designed

date

JACQUES GOGUEN

date

FEBRUARY, 1995

approved

date

Feb. 14/95

Tender

PWSC Project Manager Administrateur

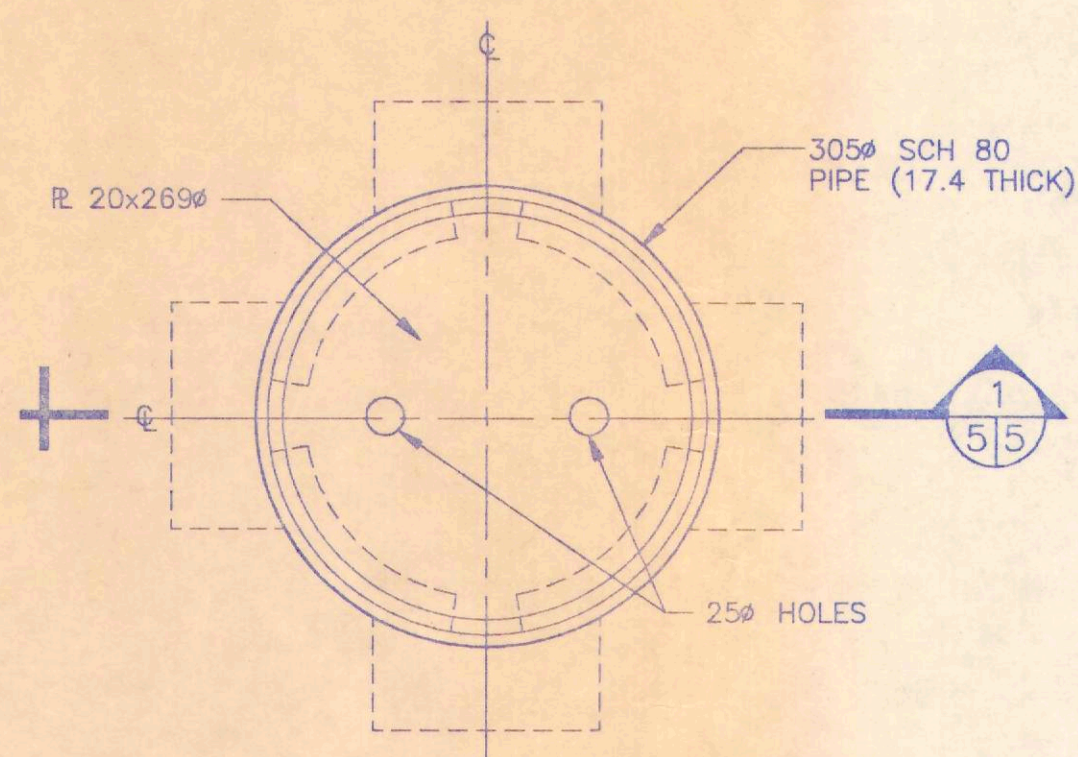
project number

659933

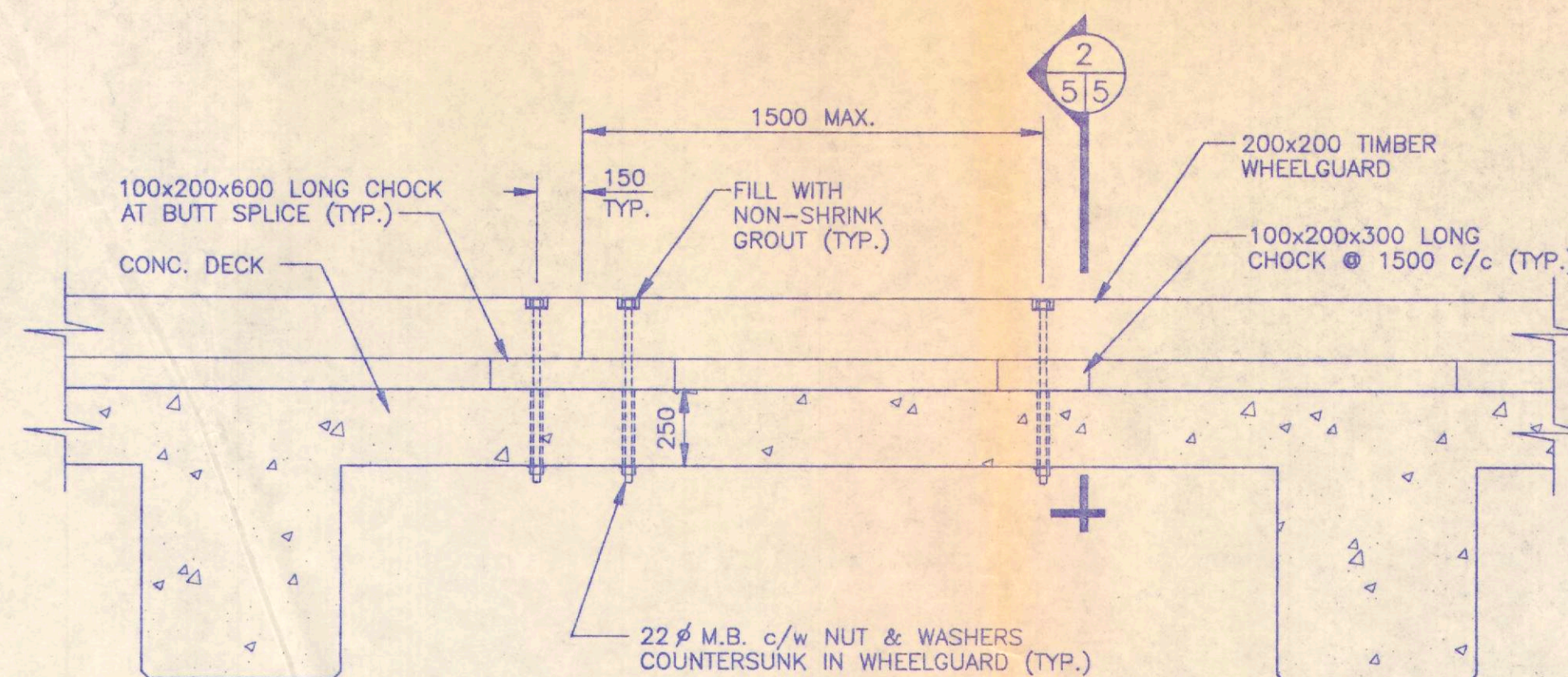
drawing no.

4 OF 5

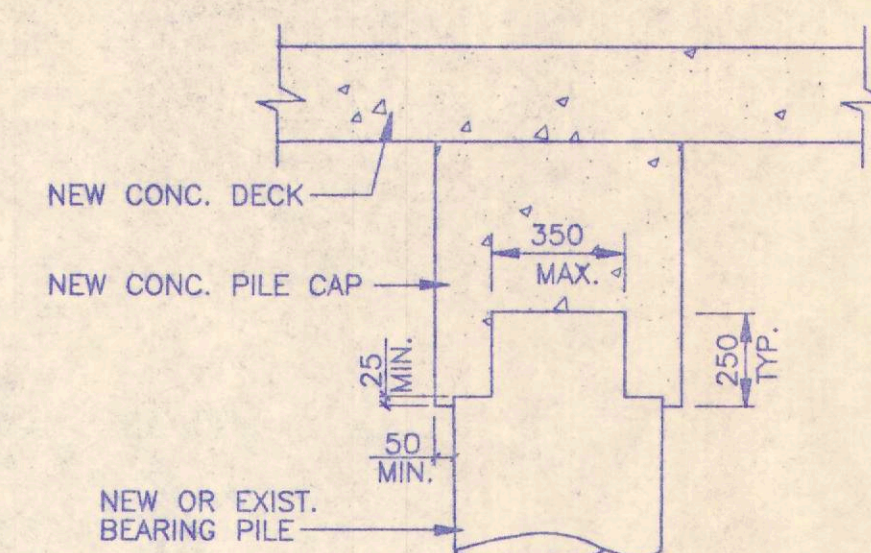
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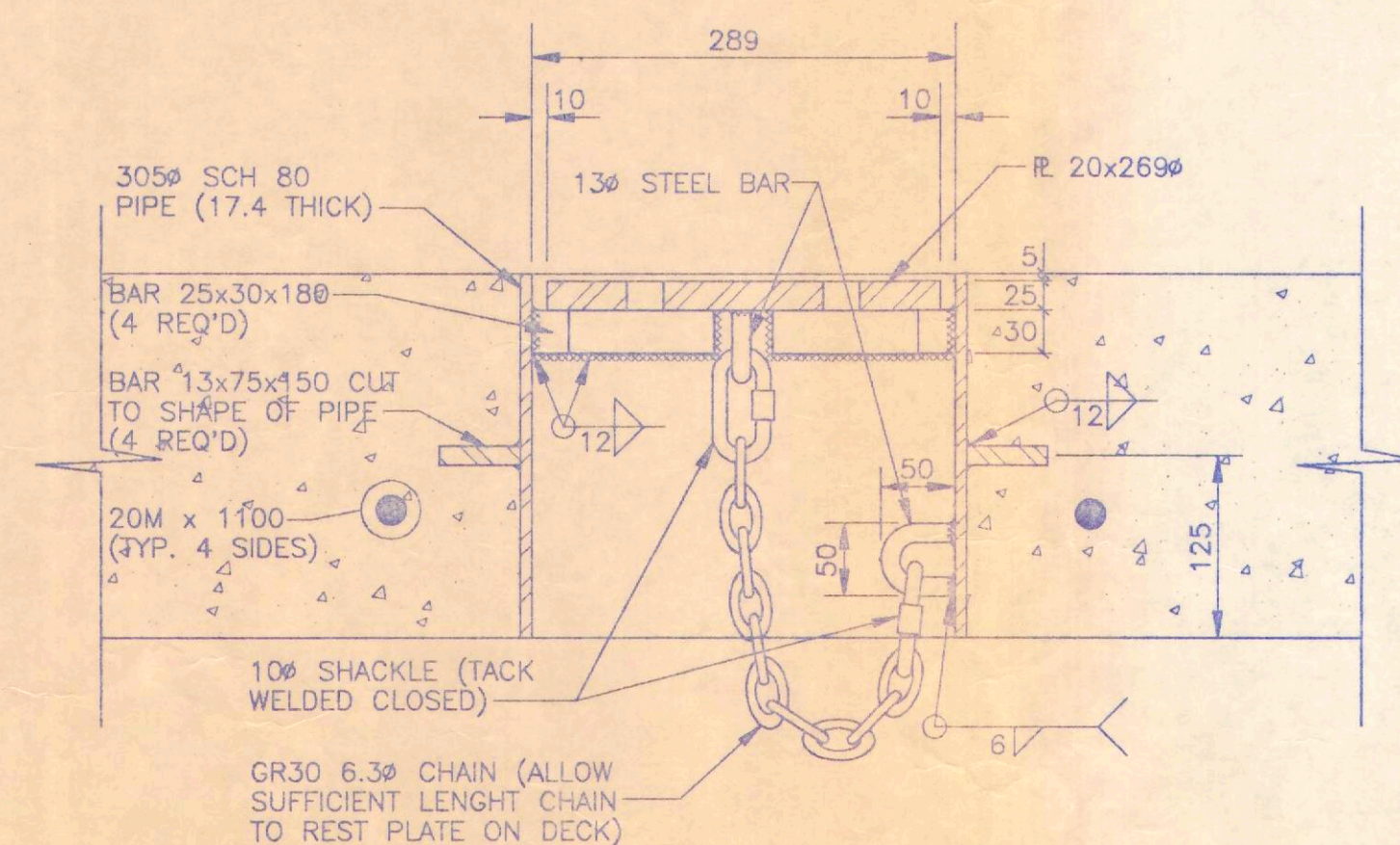
FIRE ACCESS OPENING DETAIL (D1)
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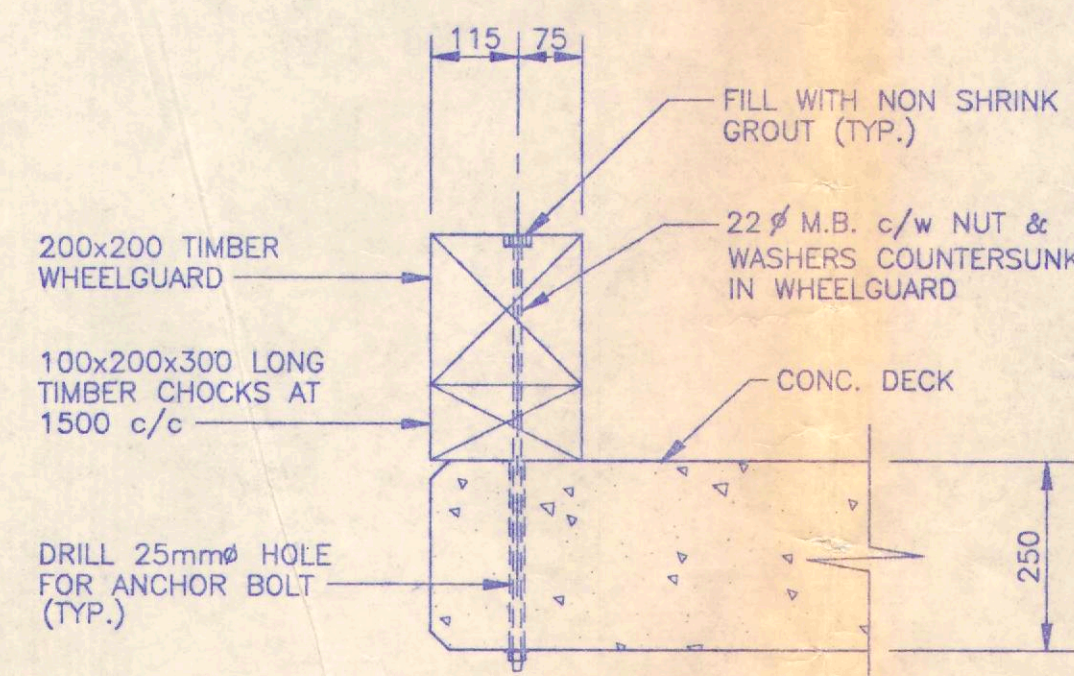
WHEELGUARD DETAIL (D4)
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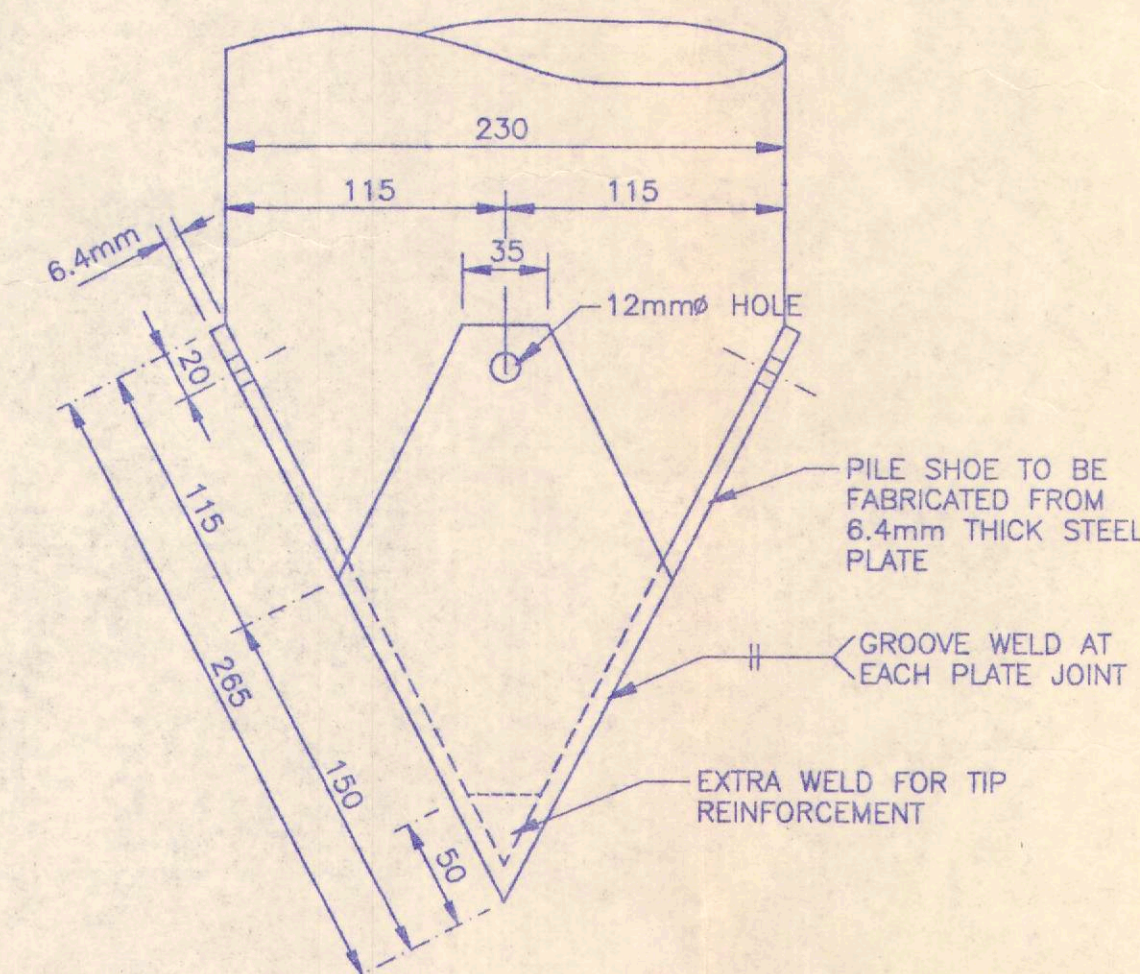
TYPICAL BEARING PILE BUTT DETAIL
N.T.S.



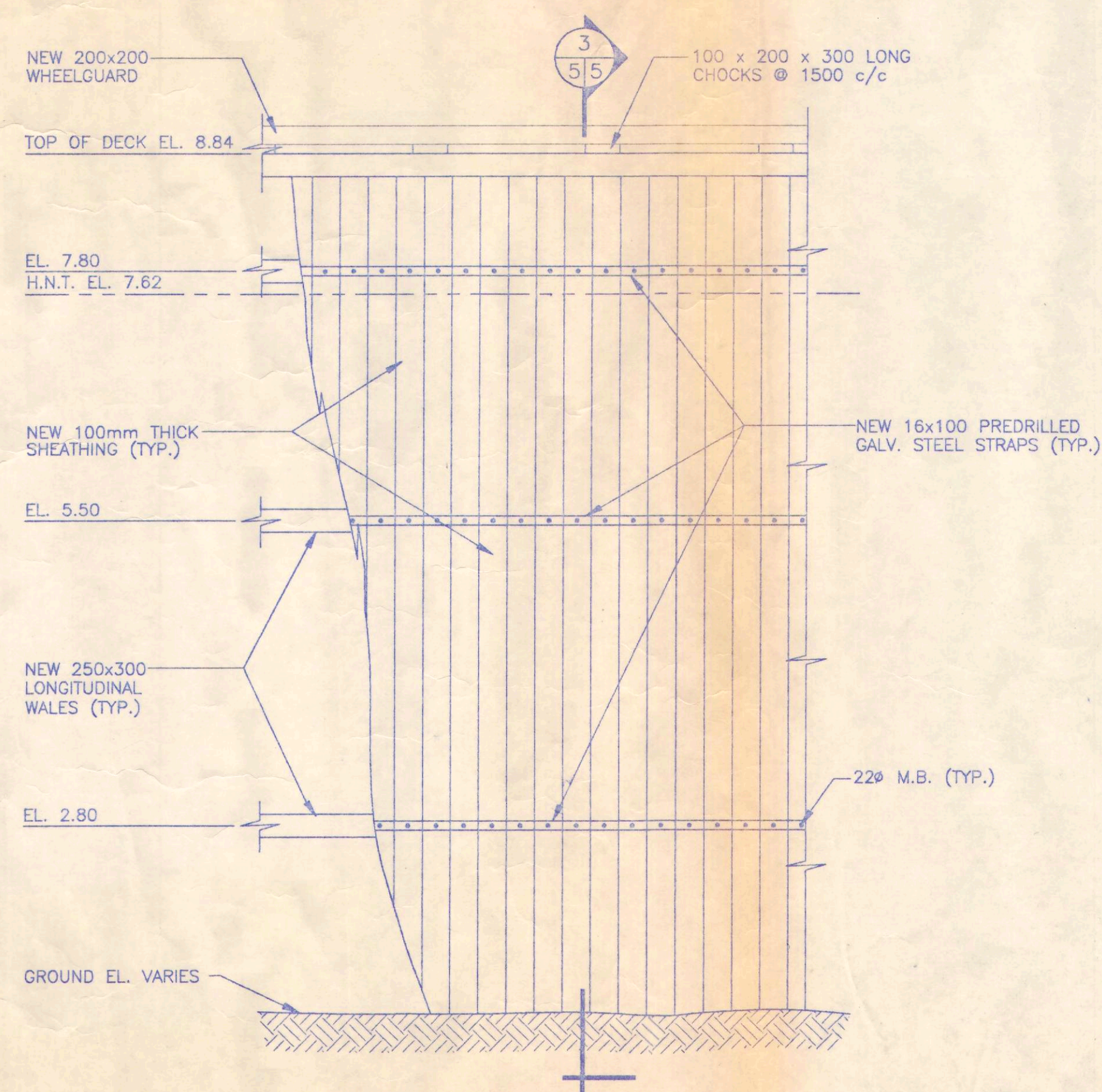
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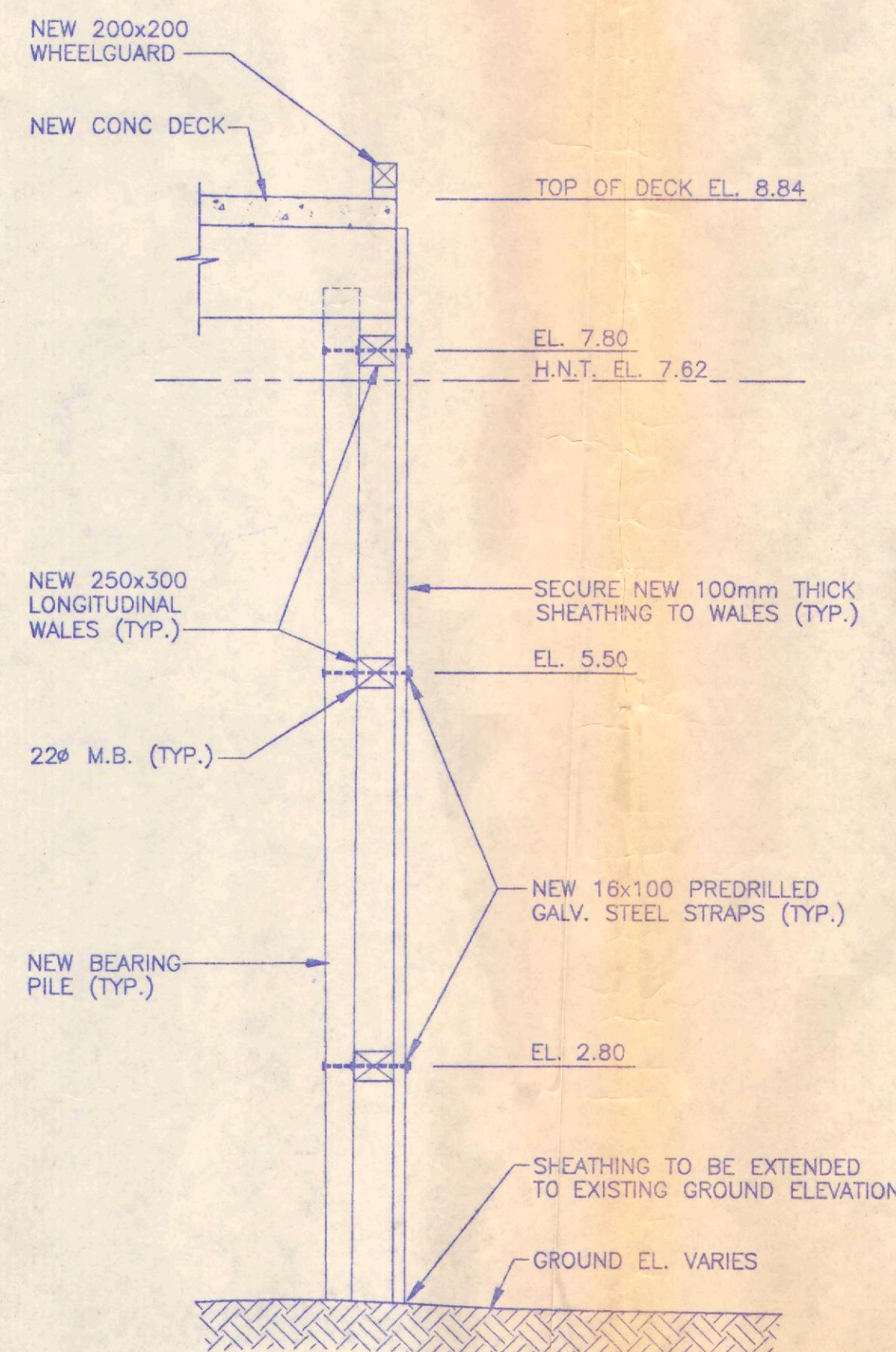
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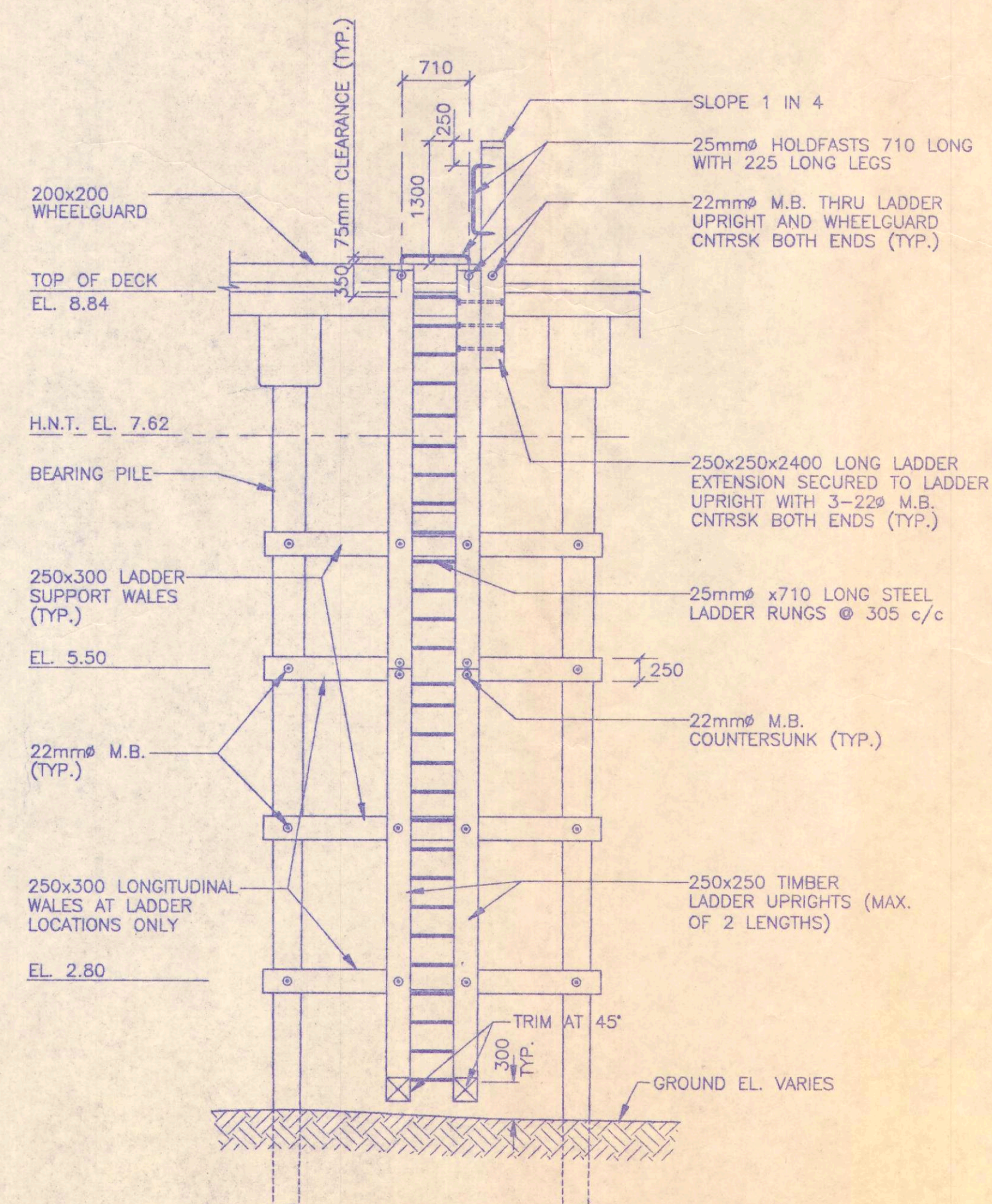
BEARING PILE SHOE DETAIL (D3)
N.T.S.



SHEATHING DETAIL (D5)
SCALE 1:50
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SECTION 3 (D5)
SCALE 1:50
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LADDER DETAIL (D2)
SCALE 1:50
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revisions

A detail no.
no. du detail
B location drawing
sur dessin no.
C drawing no.
dessin no.

project

WHARF RECONS

ST. ANDR
CHARLOTTE COUNTY

MISCELLANEOUS
DETAILS

designed

date

drawn

date

approved

date

Tender

PWSSC Project Manager Administrative

project number

65993

drawing no.

5 OF 5

CADD FILE: STAG55H5.DWG