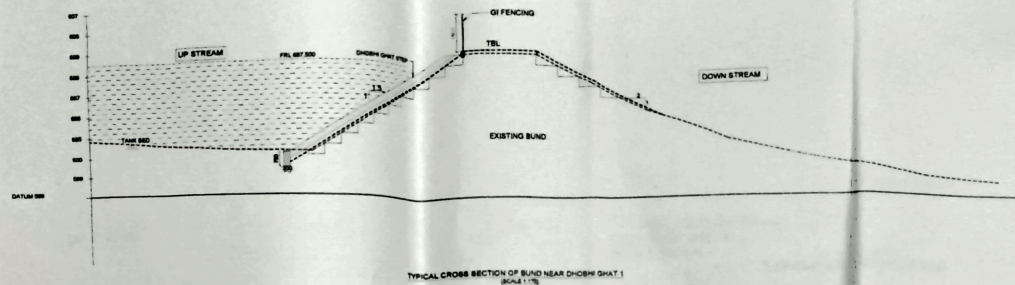
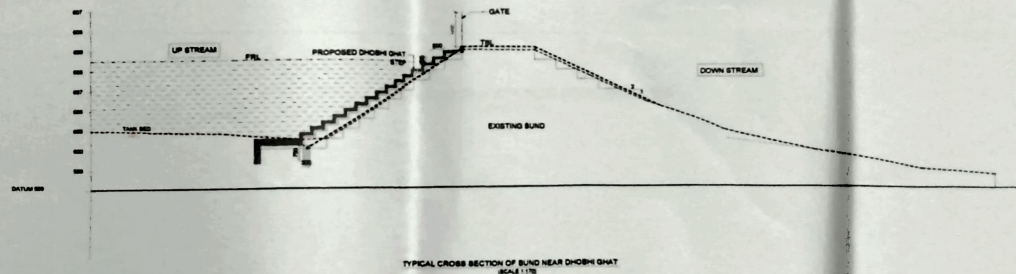


SUPERINTENDING ENGINEER
M & GARD CIRCLE
MILWAUKEE



TYPICAL CROSS SECTION OF BUND NEAR CHOH SHAT 1
SCALE 1:175



TYPICAL CROSS SECTION OF BUND NEAR CHOH SHAT
SCALE 1:175

NOTES AND SPECIFICATION

1. ALL DIMENSIONS ARE IN MILLIMETRE AND ELEVATION ARE IN METERS.
2. DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. EARTH WORK FOR EMBANKMENT BUND SECTION SHALL BE OF SELECTED SOILS OBTAINED FROM APPROVED BORROWING AREAS AND LABORATORY TEST RESULTS AND CONFORMING TO RELEVANT IS STANDARDS.
4. EMBANKMENT CASING MATERIAL SHALL BE FREE FROM ALL CLODS AND LUMPS AND THEN BE SPREAD IN LAYERS OF 20CM (8 INCHES) IN EMBANKMENT IN SUCCESSIVE UNIFORM AND CONTINUOUS LAYERS COMPACTED TO ACHIEVE REQUIRED DENSITY.
5. THE LAYERS SHALL BE SPREAD IN UNIFORM WIDTH AND IN STAGES TO FACILITATE PROPER COMPACTION.
6. THE WATER CONTENT OF THE EARTH FILL MATERIAL PRIOR TO AND DURING COMPACTION SHALL BE DISTRIBUTED UNIFORMLY THROUGHOUT EACH LAYER OF THE MATERIALS SO LAD.
7. PROPER ROLLING AND WATERING SHOULD BE DONE SO AS TO ACHIEVE THE FIELD DENSITY AS 95% OF PROCTOR DENSITY (OR) HIGHER. MECHANICAL TAMPERS SHALL BE USED AROUND THE STRUCTURES AND IN AREAS NOT ACCESSIBLE BY ROLLING EQUIPMENT FOR COMPACTION.

ABBREVIATION -
FRL - FULL RESERVOIR LEVEL
TBL - TOP BUND LEVEL
TH - THICKNESS
LBS - UP STREAM

REV	DESCRIPTION	DATE	BY	CHKD.
0	FOR APPROVAL	14/01/2028	YB	YB
1	DESCRIPTION	DATE	BY	CHKD.

MINOR IRRIGATION AND GROUND WATER
DEVELOPMENT DEPARTMENT

PROJECT TITLE

TANK IMPROVEMENT SCHEME

NAME OF WORK

IMPROVEMENTS TO REVINNALLI VILLAGE TANK, PARIGATTI VILLAGE TANK, MADGATTI TANK IN HIREBUDGHI VILLAGE, THIRAKURA VILLAGE TANK AND MADAFURA TANK IN SHUGGAN TALUK, HAVERI DISTRICT

DRAWING TITLE

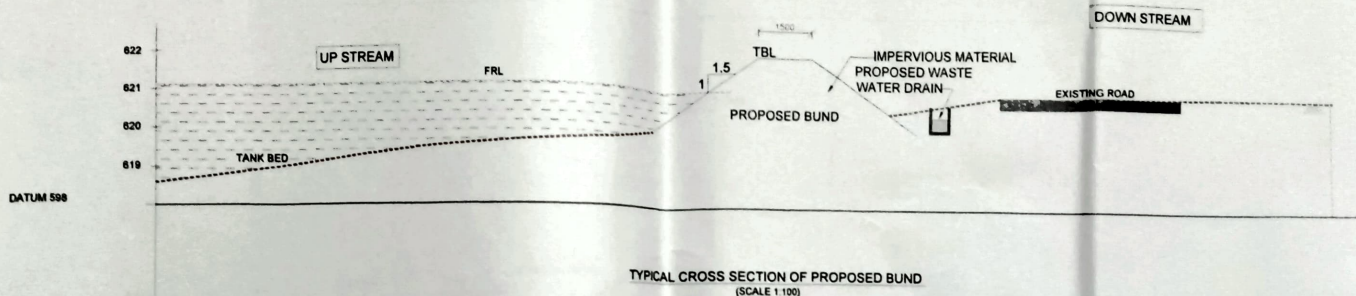
TYPICAL CROSS SECTION OF EARTHEN BUND

DATE	DRW.	DSG.	SCALE	DRAWING STATUS
14/01/2028	YB	YB	AS SHOWN FOR APPROVAL	
	DRAWING NO.	TWA-TCS-A04	SHEET NO. REV.	01 OF 01 0

ASSISTANT EXECUTIVE ENGINEER
IN A CHARGE (DESIGN)
SIGNATURE

EXECUTIVE ENGINEER
IN A CHARGE (SUPERVISOR)
SIGNATURE

SUPERINTENDING ENGINEER
IN A CHARGE (FIELD)
SIGNATURE



NOTES AND SPECIFICATION

1. ALL DIMENSIONS ARE IN MILLIMETRE AND ELEVATION ARE IN METERS.
2. DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. EARTH WORK FOR EMBANKMENT BUND SECTION SHALL BE OF SELECTED SOILS OBTAINED FROM APPROVED BORROWING AREAS AND LABORATORY TEST RESULTS AND CONFORMING TO RELEVANT IS STANDARD.
4. EMBANKMENT CASING MATERIAL SHALL BE FREE FROM ALL CLODS AND LUMPS AND THEN BE SPREAD IN LAYERS OF 20CM FLOORS IN EMBANKMENT IN SUCCESSIVE UNIFORM AND CONTINUOUS LAYERS COMPACTED TO ACHIEVE REQUIRED DENSITY.
5. THE LAYERS SHALL BE SPREAD IN UNIFORM WIDTH AND IN STAGES TO FACILITATE PROPER COMPACTION.
6. THE SOILS COMPONENT OF THE EARTH FILL MATERIAL PRIOR TO AND DURING COMPACTION SHALL BE DISTRIBUTED UNIFORMLY THROUGHOUT EACH LAYER OF THE MATERIALS SO Laid.
7. PROPER ROLLING AND WATERING SHOULD BE DONE SO AS TO ACHIEVE THE FIELD DENSITY AS PER OF PROCTOR DENSITY AND HIGHER. TECHNICAL PERSONS SHALL BE USED AROUND THE STRUCTURES AND IN AREAS NOT ACCESSIBLE BY ROLLING EQUIPMENT FOR COMPACTION.

ABBREVIATION -
FRL - FULL RESERVOIR LEVEL
TBL - TOP BUND LEVEL
TH - THICKNESS
US - UP STREAM

REV.	FOR APPROVAL	DATE	DATE
0	DESCRIPTION	14/01/2020	YB

**MINOR IRRIGATION AND GROUND WATER
DEVELOPMENT DEPARTMENT**

PROJECT TITLE

TANK IMPROVEMENT SCHEME

NAME OF WORK

"IMPROVEMENTS TO BEVINHALLI VILLAGE TANK, PANICATTI VILLAGE TANK, NADIGATTI TANK IN HIRERENUGUJI VILLAGE, TIRUMAPURA VILLAGE TANK AND MADAPURA TANK IN SHIRUGOAN TALUK, HAVSRI DISTRICT"

DRAWING TITLE

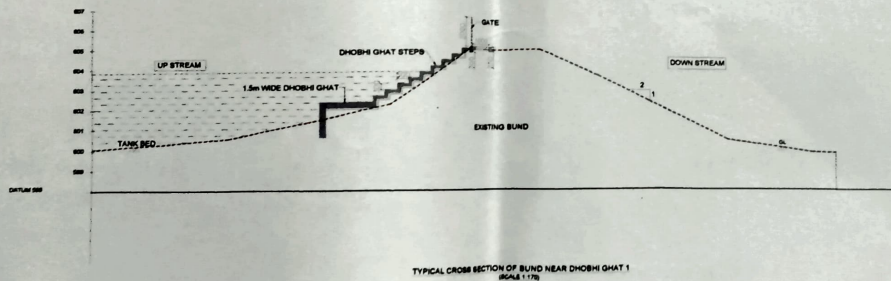
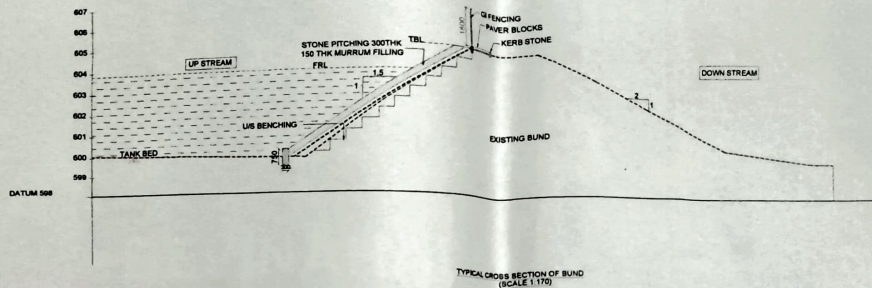
TYPICAL CROSS SECTION OF PROPOSED EARTHEN BUND AND PROPOSED DRAIN

DATE	DRW.	DSG.	SCALE	DRAWING STATUS
	YB	YB	AS SHOWN FOR APPROVAL	
			DRAWING NO.	SHEET NO. REV.
			TSP-TCS-ADA	01 OF 01 0

DESIGNER
M. S. SURESH K. SHANMUGA

EXECUTIVE ENGINEER
M. S. SURESH K. SHANMUGA

SUPERINTENDING ENGINEER
M. S. SURESH K. SHANMUGA



NOTES AND SPECIFICATION

1. ALL DIMENSIONS ARE IN MILLIMETRE AND ELEVATION ARE IN METERS
2. DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. EARTH WORK FOR EMBANKMENT BUND SECTION SHALL BE OF SELECTED SOILS OBTAINED FROM APPROVED BORROWING AREAS AND LABORATORY TEST RESULTS AND CONFORMING TO RELEVANT IS STANDARDS.
4. EMBANKMENT CASING MATERIAL SHALL BE FREE FROM ALL CLODS AND LUMPS AND THEN BE SPREAD IN LAYERS OF 30CM (SOBS) IN EMBANKMENT IN SUCCESSIVE UNIFORM AND CONTINUOUS LAYERS COMPACTED TO ACHIEVE REQUIRED DENSITY.
5. THE LAYERS SHALL BE SPREAD IN UNIFORM WIDTH AND IN STAGES TO FACILITATE PROPER COMPACTION.
6. THE WATER CONTENT OF THE EARTH FILL MATERIAL PRIOR TO AND DURING COMPACTION SHALL BE DISTRIBUTED UNIFORMLY THROUGHOUT EACH LAYER OF THE MATERIALS SO Laid.
7. PROPER ROLLING AND VIBRATIONS SHOULD BE DONE SO AS TO ACHIEVE THE FIELD DENSITY AS PER OF PROCTOR DENSITY (95 PERCENT MECHANICAL TAMPING SHALL BE USED AROUND THE STRUCTURES AND IN AREAS NOT ACCESSIBLE BY ROLLING EQUIPMENT FOR COMPACTION.

ABBREVIATION -
FRL - FULL RESERVOIR LEVEL
TBL - TOP OF BUND LEVEL
THK - THICKNESS
L/S - UP STREAM

REV	DESCRIPTION	DATE	DRW.	DSG.
0	FOR APPROVAL		YB	YB

MINOR IRRIGATION AND GROUND WATER
DEVELOPMENT DEPARTMENT

PROJECT TITLE

TANK IMPROVEMENT SCHEME

NAME OF THE TANK: TANK, RADIGATTI VILLAGE TANK, PANGATTI VILLAGE TANK, RADIGATTI TANK IN HIRERUDIGERI VILLAGE, TIMMAPURA VILLAGE TANK AND MADAPURA TANK IN SHIGGAN TALUK HAYERI DISTRICT

DRAWING TITLE

TYPICAL CROSS SECTION OF EARTHEN BUND
GUDDAGAHANAPURA KERE

DATE	DRW	DSG	SCALE	DRAWING STATUS
14/01/2024	YB	YB	AS SHOWN FOR APPROVAL	
DRAWING NO	THN-TCB-A04	SHEET NO. REV.	01 OF 01	0

ASSISTANT EXECUTIVE ENGINEER
IN CHARGE, R&D DIVISION
(HAYERI)

EXECUTIVE ENGINEER
IN CHARGE, R&D DIVISION
(HAYERI)

SUPERVISORY ENGINEER
IN CHARGE, R&D DIVISION
(HAYERI)