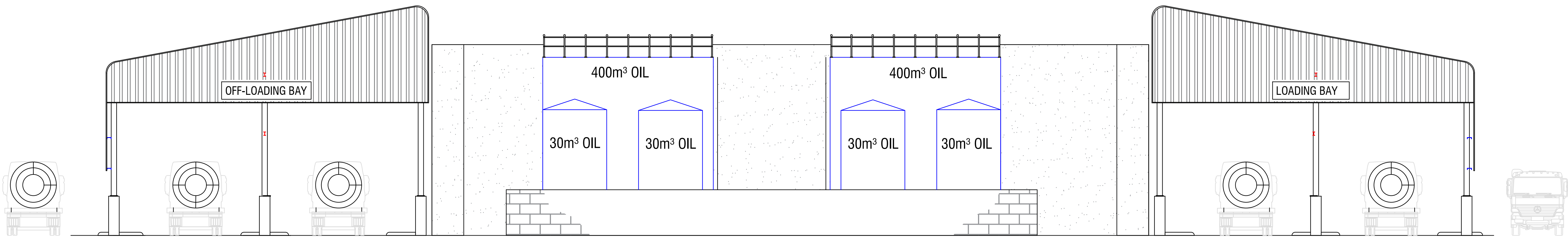
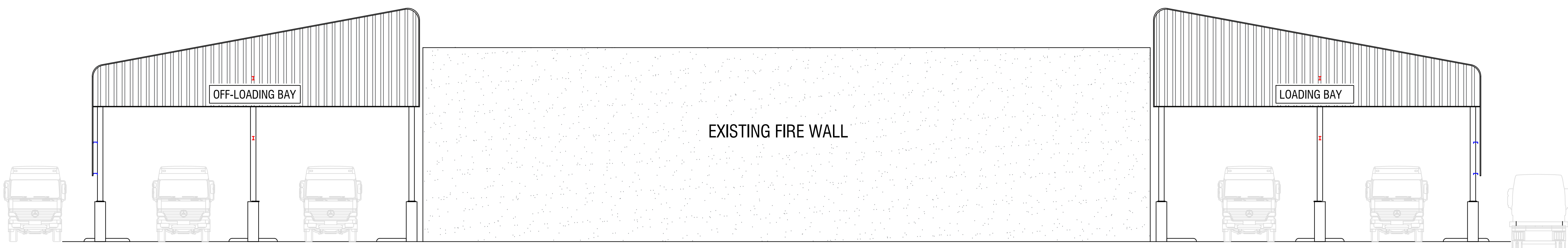


SECTION A-A
SCALE 1:100



NORTH ELEVATION
SCALE 1:100



SOUTH ELEVATION
SCALE 1:100

GENERAL

1. THE CONTRACTOR MUST ENSURE THAT ANY ABOVE GROUND PERMANENT STORAGE TANK, PUMP, DISPENSER AND PIPE WORK IS ERECTED OR INSTALLED IN ACCORDANCE WITH SANS 10400, SANS 10089 PART-3 AND SANS 10131.
2. NO PERSON MAY, IN RESPECT OF REGISTERED PREMISES, ERECT, INSTALL, REMOVE, DEMOLISH, EXTEND OR CHANGE ANY DELIVERY PUMP, STORAGE TANK UNLESS THAT PERSON HAS GIVEN THE CHIEF FIRE OFFICER AT LEAST THREE WORKING DAYS PRIOR WRITTEN NOTICE OF THE INTENTION TO DO SO, IN THE FORM AND MANNER DETERMINED BY THE COUNCIL.
3. A STORAGE TANK FOR FLAMMABLE SUBSTANCE IS NOT ERECTED WITHIN 3.5m OF ANY ERF BOUNDARY, BUILDING, EXCAVATION, ROAD, DRIVEWAY OR ANY OTHER FLAMMABLE SUBSTANCES OR COMBUSTIBLE MATERIAL.
4. ADEQUATE PROVISION IS MADE FOR RAINWATER RUN-OFF FROM RETAINING WALL OR EMBANKMENTS.
5. NO SOURCE OF IGNITION OR POTENTIAL SOURCE OF IGNITION EXISTING WITHIN 5M OF A STORAGE TANK.
6. A SYMBOL SIGN OF DIMENSION AT LEAST 300mm BY 300mm PROHIBITING SMOKING AND OPEN FLAMES IS DISPLAYED ON THE DISPENSER UNIT AND LEAST TWO 9KG DRY CHEMICAL FIRE EXTINGUISHERS ARE INSTALLED AND KEPT IN GOOD WORKING ORDER.
7. FLAMMABLE STORAGE TANK MUST CLEARLY BE IDENTIFIED BY MEANS OF HAZCHEM PLACARDS CONTEMPLATED IN SANS 10131. ANY ELECTRICAL INSTALLATION ASSOCIATED WITH THE STORAGE TANK MUST COMPLY WITH SANS 10131 PART-3, SANS 10108 AND SANS 10089, PART 2 AND THE TANK MUST BE EARTHED.
8. BUND WALL AREA MUST BE $1160m^3 + 15\%$ OF THE TOTAL CAPACITY OF THE TANK. *(in this case we have added an extra 5% in capacity of the storage tank - $10\% + 5\% = 15\%$).*
9. HOSE REELS MUST BE PROVIDED ON THE PREMISES NOT MORE THAN 30m, FROM THE TANK MAINTAINED IN ACCORDANCE WITH SANS 543 AND SANS 1128-1.
10. ALL PIPING TO SLOPE UP FROM TANKS TO PREVENT AIRLOCKS.
11. **NO DIESEL TO BE SUPPLIED UNTIL SITE IS REGISTERED UNDER THE EMERGENCY SERVICE BY-LAW.**

BUND WALL
CALCULATION : $25\ 210 \times 24\ 560 \times 2155$
 $= 1\ 334\ 284\ 628\ 000 / 1000m^3$
 $= 1\ 334m^3$
MAXIMUM STORAGE LIMIT: $1160m^3$

OCCUPANCY CLASSIFICATION: J3



REVISION DETAILS

REV. No.	DRAWN BY DATE	DESCRIPTION
001	T. MADUNA 2019 - 03 - 25	ISSUED FOR APPROVAL

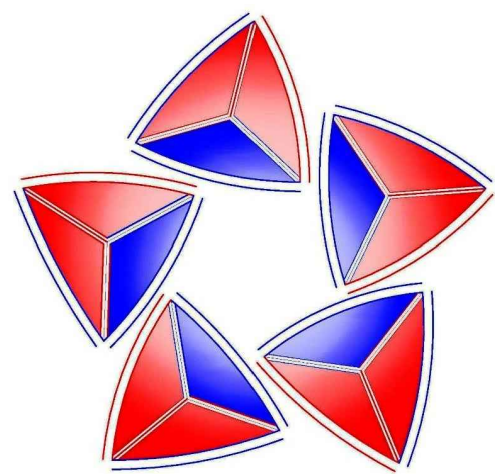
PROJECT NAME:
SITE UPGRADES: OIL TANK FARM
SECTIONS AND ELEVATIONS

DRAWING TITLE:
PLAN DETAILS, SECTIONS & ELEVATIONS

SCALE: USE AS INDICATED ON THE DRAWING		
DESIGNED BY:	DRAWN BY: T. MADUNA	DATE: 2019-09-25

PROJECT NO.	DRAWING NO.	REV NO.
NH08-18	2-6	001

CONSULTANT



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