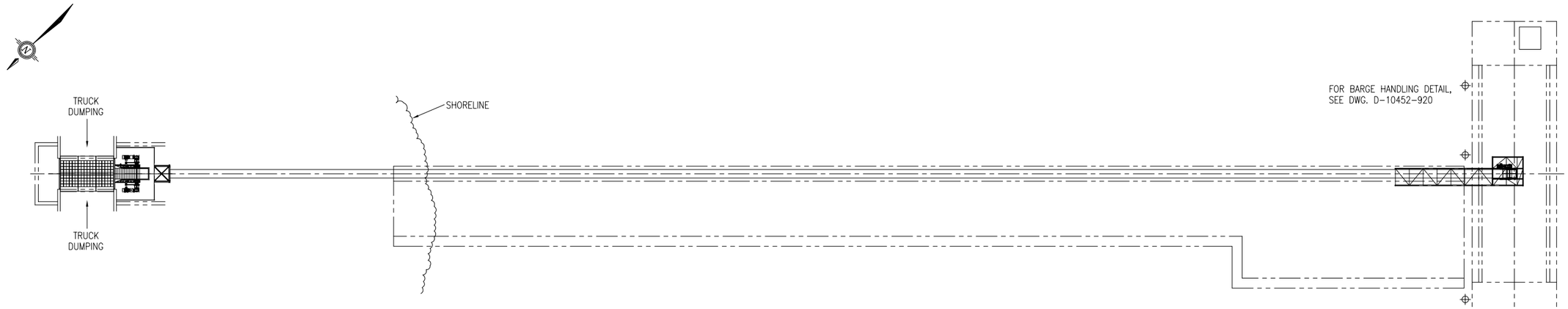
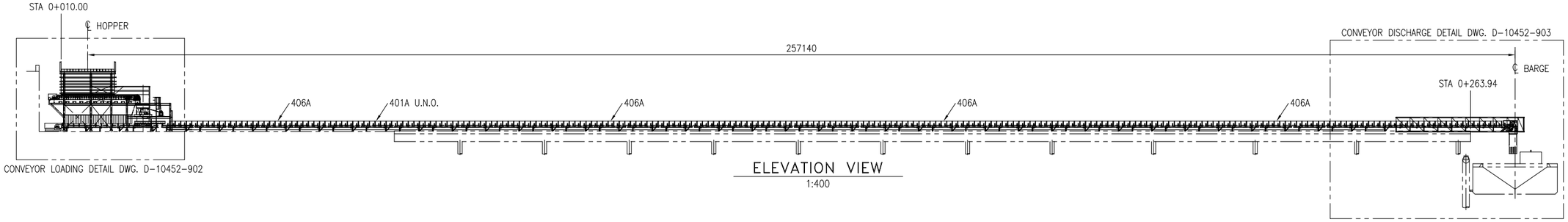
REVISIONS		
P1	DEC 20/11	ISSUED FOR PRELIMINARY COMMENTS
0	MAR 14/12	ISSUED FOR APPROVAL
A	OCT 2/12	ISSUED FOR CONSTRUCTION



PLAN VIEW
1:400



ELEVATION VIEW
1:400

GENERAL NOTESI

1. DESIGN PARAMETERS:

MATERIAL:	CLAY
MATERIAL DENSITY:	1.76 T/M3
SYSTEM CAPACITY:	1800 T/HR
MAX. HOPPER VOLUME:	140 CUBIC METERS (FLOODED)
NOR. OPER. HOPPER VOL.:	70 CUBIC METERS
CAT 777 OPERATING VOL.:	30 CUBIC METERS
AMBIENT TEMPERATURE:	-18°C TO 30°C

2. STEEL MATERIALS SHALL BE AS FOLLOWS:

W BEAMS:	CAN/CSA-G40.21-350W
HSS BEAMS:	CAN/CSA-G40.21-350W
ROLLED SECTIONS:	CAN/CSA-G40.21-300W
PLATE/MISC.:	CAN/CSA-G40.21-300W
PIPE:	ASTM A53, GRADE B
STRUCTURAL BOLTS:	ASTM A325, GALV.

3. WELDING SHALL BE PER CSA W59, CLAUSE 11

4. ALL EXTERNAL SURFACES TO BE PAINTED AS FOLLOWS:

PREPARATION:	SSPC-SP6 COMMERCIAL BLAST
PRIME COAT:	INORGANIC ZINC, 2-3 MILS DFT
MID COAT:	HIGH BUILD EPOXY, 6-8 MILS DFT
TOP COAT:	ALIPHATIC URETHANE, 2-3 MILS DFT
COLOR:	LIGHT GRAY EXCEPT GUARDS (SAFETY YELLOW)

5. PURCHASED MECHANICAL COMPONENTS TO BE SUPPLIED WITH MANUFACTURER'S STANDARD INDUSTRIAL FINISH AND COLOR

6. INTERNAL AND HIGH WEAR AREAS TO BE COATED WITH SHOP PRIMER ONLY

- GRIZZLY
- INSIDE OF HOPPER, CHUTES, SKIRTS

7. THE FOLLOWING AREAS WILL NOT BE PAINTED

- STAINLESS STEEL
- HOT-DIPPED GALVANIZED MATERIAL
- INSIDE OF HEADBOX

8. THE FOLLOWNG COMPONENTS TO BE HOT-DIPPED GALVANIZED:

- STRUCTURAL STEEL
- CONVEYOR TABLES
- CONVEYOR COVERS
- MISC. BRACKETS

9. MAJOR COMPONENT LIST AS FOLLOWS:

- GRIZZLY
- FEED HOPPER
- APRON FEEDER ASSEMBLY EXCLUDING DRIVES
- APRON FEEDER SKIRTING/DISHCARGE CHUTE
- APRON FEEDER SPILL CHUTE
- CRUSHER ASSEMBLY EXCLUDING FLYWHEELS AND DRIVES
- CRUSHER DISCHARGE CHUTE
- CONVEYOR SKIRTING
- CONVEYOR TABLE ASSEMBLIES
- CONVEYOR TAKE-UP ASSEMBLY
- CONVEYOR TRUSS ASSEMBLY
- HEADBOX FLEXIBLE CHUTE
- STRUCTURAL STEEL

KM LNG EXPORT TERMINAL
BARGE LOADING SYSTEM
GENERAL LAYOUT

MEGATECH ENGINEERING LTD.

DRAWN	CHECKED	REF. No.	DRAWING No.	CAD No.	REV.
MJK		10/452-11140	D-10452-901		A
DATE: DEC/11	DATE	SCALE: AS NOTED			