

COORDINATES SHOWN THESE DRAWINGS ARE FOR VERTICAL FACING (BOTTOM), SLOPED FACING SEES CLIENT'S DRAWINGS.

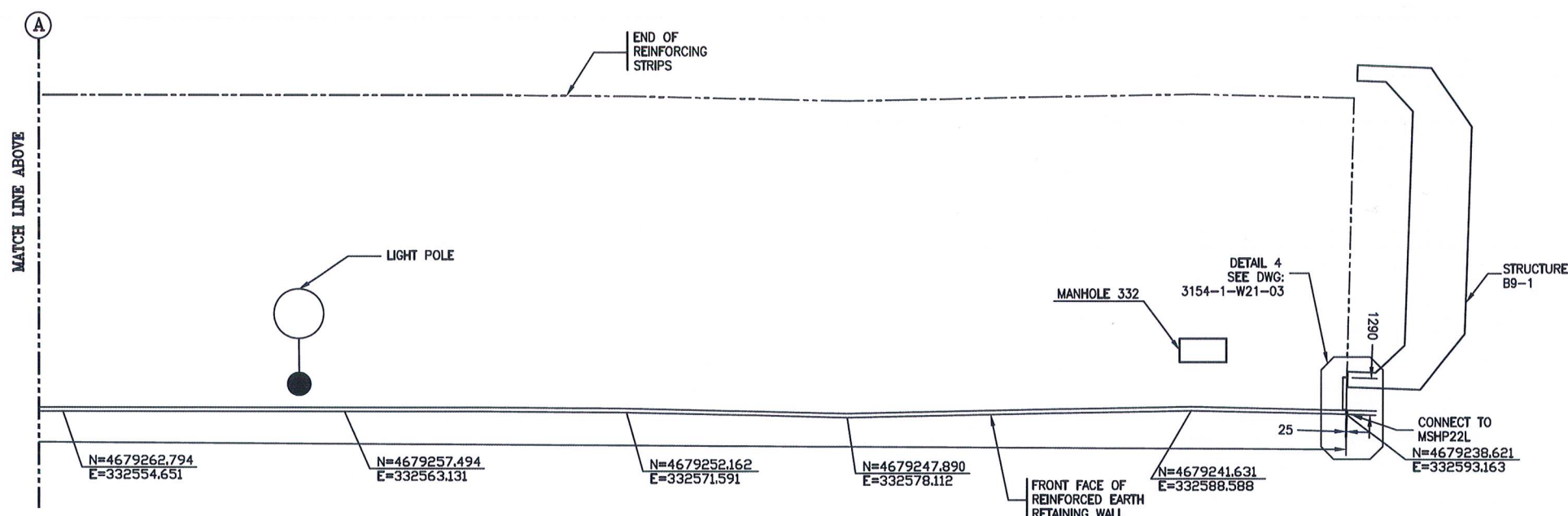
PARKWAY

INFRASTRUCTURE CONSTRUCTORS

MAY 14 2014

PROCESSED

PROJECT DOCUMENT AND DATA MANAGEMENT



MSE WALL PLAN
SCALE: 1:100

NOTE:
ALL OFFSETS ARE TO FRONT FACE OF REINFORCED EARTH RETAINING WALL. OFFSETS, DIMENSIONS AND ELEVATIONS ARE TO BE CHECKED AND CONFIRMED BY THE OWNER/CONTRACTOR.

NOTE (NOT BY RECO):
ANY REBAR EXPOSED DURING SAW CUTTING OF COPING SHALL BE COATED WITH ZINC RICH PAINT (GALVACON OR EQUAL).

PARKWAY

INFRASTRUCTURE CONSTRUCTORS

APPROVED FOR CONSTRUCTION

MAY 14 2014

PDDM

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES; ELEVATIONS ARE IN METRES.
- FOR SPECIFICATIONS SEE "MATERIAL SPECIFICATIONS FOR REINFORCED EARTH STRUCTURES FOR USE WITH TERRACON SYSTEM" AS SUPPLIED BY THE REINFORCED EARTH COMPANY LTD.
- ITEMS SUPPLIED BY 'REINFORCED EARTH COMPANY LTD.':
 - REINFORCING STRIPS AND FASTENERS (GALV.)
 - PRECAST CONCRETE PANELS AND ALL EMBEDDED HARDWARE
 - RUBBER PADS
 - GEOTEXTILE
 - PRECAST CONCRETE BACKING BLOCKS
 - PRECAST COPING
- DESIGN PARAMETERS:
 - DESIGN CODE: CAN/CSA-S6-06.
 - SURCHARGE: 17.6 kPa
 - BACKFILL: $\phi(re) = 35^\circ$, $\gamma(re) = 21 \text{ kN/m}^3$ (COMPACTED GRANULAR MATERIAL)
 $\phi(random) = 30^\circ$, $\gamma(random) = 21 \text{ kN/m}^3$ (RANDOM MATERIAL BEHIND RE)
 $\phi(foundation) = 30^\circ$
CELLULAR CONCRETE: $\phi(re) = 37^\circ$, $\gamma(re) = 4.75 \text{ kN/m}^3$
 - DESIGN LIFE: 75 YRS.
- THE APPLIED BEARING PRESSURE UNDER THE R/E VOLUME SHALL INCLUDE WEIGHT OF VOLUME AND LATERAL EARTH PRESSURE BEHIND THE R/E VOLUME AND ALL SURCHARGES. PLEASE REFER TO PERTAINING GEOTECHNICAL REPORT. SETTLEMENT, BEARING CAPACITY, EXTERNAL AND GLOBAL STABILITY SHALL BE REVIEWED BY THE PROJECT GEOTECHNICAL ENGINEER, NOT BY RECO.
- NUMBER SHOWN ON PANELS INDICATES THE NUMBER OF REINFORCING STRIPS TO BE CONNECTED TO THAT PANEL UNLESS OTHERWISE NOTED.
- THESE NOTES APPLIES TO ALL REINFORCED EARTH COMPANY LTD. DRAWINGS.
- INTERNAL STABILITY CALCULATIONS HAVE BEEN ACHIEVED ACCORDING TO MTO SPECIFICATIONS. EXTERNAL STABILITY IS THE RESPONSIBILITY OF THE OWNER'S CONSULTANT.
- PANEL FINISH: SMOOTH GREY AND TREE TRUNK PATTERNING.
- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH CONSTRUCTION SPECIFICATIONS FOR REINFORCED EARTH STRUCTURES FOR USE WITH TERRACON SYSTEM.