

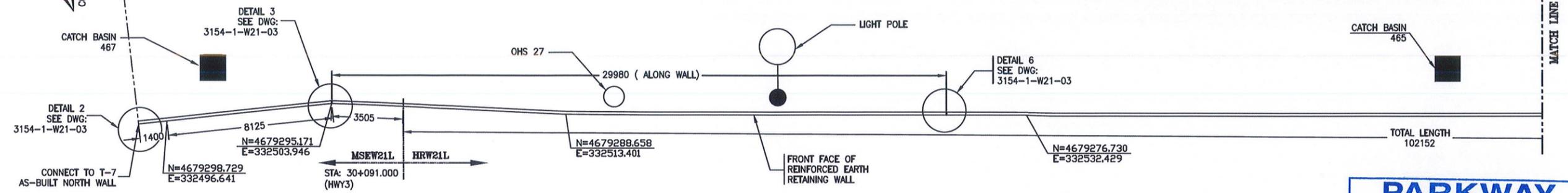
A - PROCEED
 Authorization to proceed does not relieve Contractor/Supplier of its responsibility or liability under the Contract end or Purchase Order.
 By PDDM at 5:11 pm, 24 Apr 2014



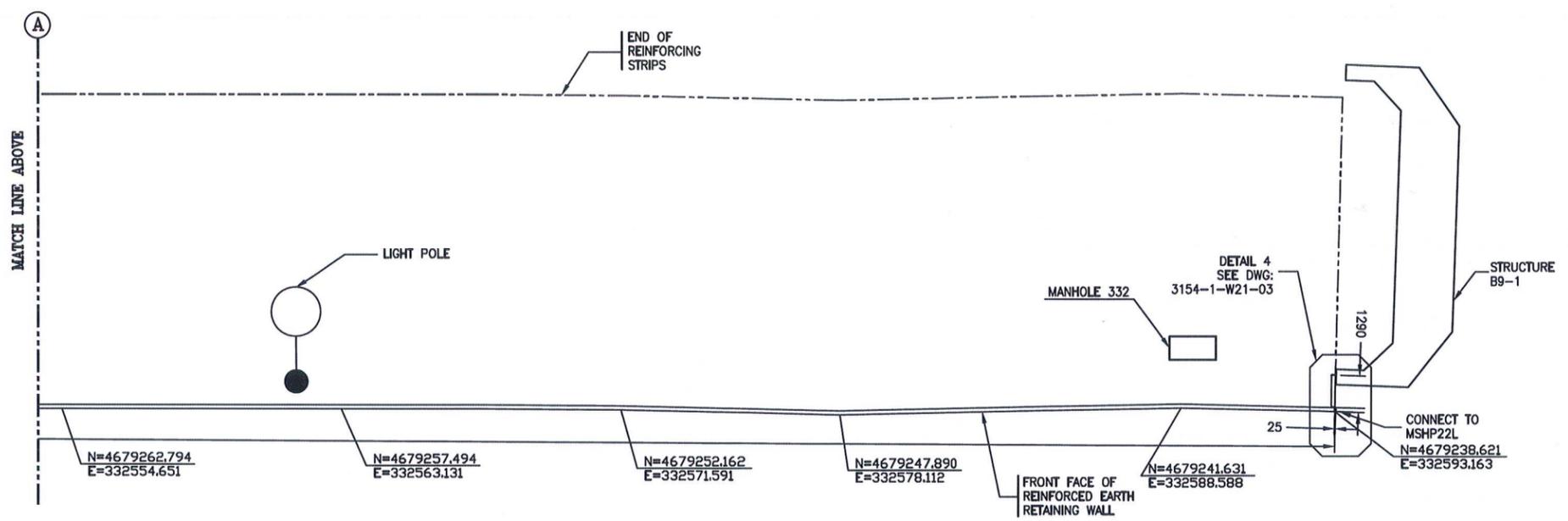
Doc # PO474-00039-01
 Rev # 11



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
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.":
 i) REINFORCING STRIPS AND FASTENERS (GALV.)
 ii) PRECAST CONCRETE PANELS AND ALL EMBEDDED HARDWARE
 iii) RUBBER PADS
 iv) GEOTEXTILE
 v) PRECAST CONCRETE BACKING BLOCKS
 vi) PRECAST COPING
- DESIGN PARAMETERS:
 i) DESIGN CODE: CAN/CSA-S6-06.
 ii) SURCHARGE: 17.6 kPa
 iii) 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: $\phi(re) = 37^\circ$, $\gamma(re) = 4.75 \text{ kN/m}^3$
 iv) 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.

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4	04-OCT-12	ISSUED FOR CONSTRUCTION	9	19-AUG-13	ISSUED FOR CONSTRUCTION
3	23-AUG-12	ISSUED FOR CONSTRUCTION	8	14-MAY-13	ISSUED FOR CONSTRUCTION
2	02-AUG-12	ISSUED FOR APPROVAL	7	01-MAY-13	ISSUED FOR CONSTRUCTION
1	20-JUL-12	ISSUED FOR APPROVAL	6	01-FEB-13	ISSUED FOR CONSTRUCTION
0	12-JUL-12	ISSUED FOR APPROVAL	5	25-JAN-13	ISSUED FOR CONSTRUCTION
No.	Date	Issue or Revision	No.	Date	Issue or Revision

Project: HERB GRAY PARKWAY
 PHASE I - HRW21L AND MSEW21L
 Title: REINFORCED EARTH RETAINING WALL
 PLAN, NOTES
 Drawn: DM Checked: DC Scale: AS SHOWN DWG No: 3154-1-W21-01