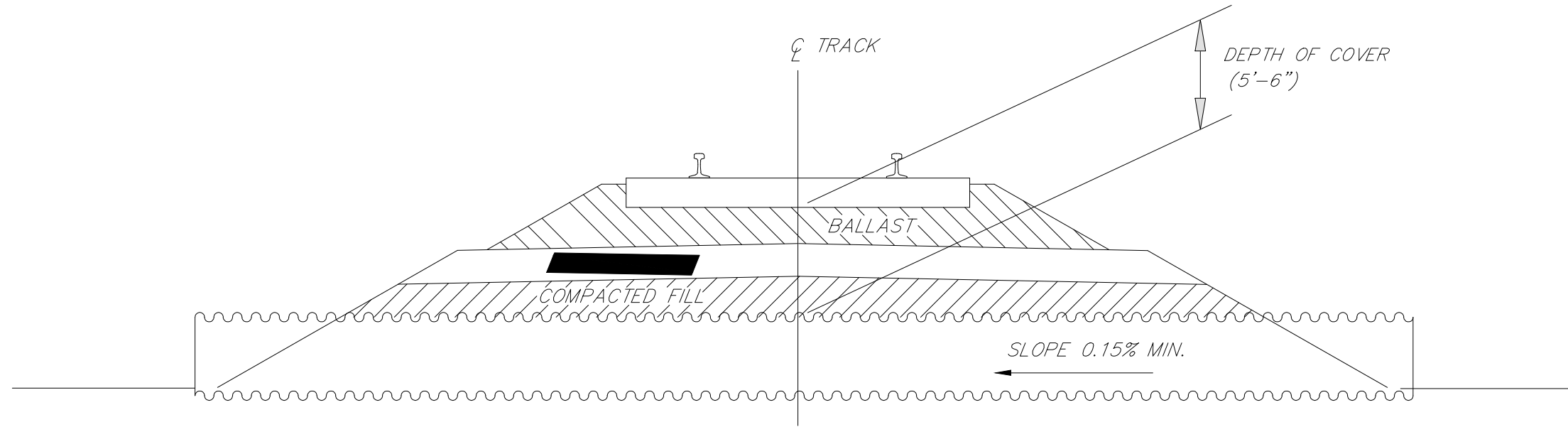


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REVISIONS	
07-27-2010	XRL/TJF



TYPICAL SECTION CMP

SCALE: NONE

NOTES:

1. CORRUGATED METAL PIPE (CMP) DESIGN, MATERIAL AND FABRICATION TO BE IN ACCORDANCE WITH A.R.E.M.A. CHAPTER 1, PART 4 FOR CLASS I AND CLASS II.
2. CMP INSTALLATION TO BE DESIGNED TO MEET COOPER E-80 LOADING
3. CMP TO BE GALVANIZED, FIBER-BONDED AND BITUMINOUS COATED.
4. JOINTS BY STANDARD COUPLING BAND.
5. BEDDING TO BE CLASS B OR BETTER.
6. CENTER PIPE ON C/L OF TRACK, NO JOINTS UNDER TRACK.
7. BITUMINOUS PAVING ONLY IF WARRANTED BY ABRASIVE FLOW.
8. OTHER THAN ROUND SECTION TO BE APPROVED BY RAILWAY'S ENGINEERING DEPARTMENT.
9. CMP LESS THAN 24"Ø TO BE AVOIDED.
10. OVER 60"Ø INSTALLATION TO BE APPROVED BY RAILWAY'S ENGINEERING DEPARTMENT.
11. MIN. DEPTH OF COVER SHOWN ABOVE REQUIRED. ANY REDUCTION OF MIN. DEPTH OF COVER MUST BE APPROVED BY RAILWAY'S ENGINEERING DEPARTMENT.

DEPTH OF COVER	PIPE SIZE Ø	MIN. GAUGE
MIN. TO 20'-0"	24"Ø TO 60"Ø	8

DEPTH OF COVER-ROUND CMP (MINIMUM):
24"Ø TO 60"Ø MINIMUM AS SHOWN ABOVE.



GENESEE & WYOMING
ENGINEERING SERVICES
STANDARDS REFERENCE MANUAL

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Authorized:

Jamuel L. Roan
AVP - DESIGN

The material and equipment shown herein must meet or exceed all quality requirements. Any deviation from these standards must be submitted in writing and approved by the Railroad Director of Engineering Services prior to use.

MISCELLANEOUS

SERIES 8000

DESIGN & INSTALLATION OF CMP

ES8049.1

SH. 1 OF 1

MS-49