

- LEGEND:**
- MODULE BOUNDARY
  - EXISTING INDEX CONTOUR
  - EXISTING INTERMEDIATE CONTOUR
  - EXISTING LANDFILL GAS HEADER, ABOVE GRADE
  - EXISTING LANDFILL GAS HEADER, BELOW GRADE
  - EXISTING HORIZONTAL COLLECTOR
  - EXISTING HORIZONTAL COLLECTOR LATERAL CONNECTION
  - EXISTING VERTICAL WELL, REMOTE WELL HEAD
  - EXISTING VERTICAL WELL, ABOVE GRADE
  - EXISTING REDUCER
  - EXISTING LEACHATE SUMP
  - EXISTING VALVE
  - EXISTING CHECK VALVE
  - EXISTING LFG WELL AND COLLECTOR CONTROL MANIFOLD
  - EXISTING WELLHEAD NOT CONNECTED TO HEADER
  - EXISTING SUMP
  - EXISTING BLIND FLANGE
  - EXISTING CONDENSATE DRAIN LINE, ABOVE GRADE
  - EXISTING NORMALLY OPEN VALVE
  - EXISTING NORMALLY CLOSED VALVE
  - EXISTING CAP
  - EXISTING ROAD CROSSING
  - PROPOSED LFG VERTICAL WELL
  - PROPOSED REDUCER
  - PROPOSED ROAD CROSSING
  - PROPOSED LANDFILL GAS PIPE, ABOVE GRADE
  - PROPOSED LANDFILL GAS PIPE, BELOW GRADE

MATCHLINE - SHEET 4

ISSUED FOR BIDDING

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
1	05/20/2025	DRAWN BY: CME/CDH DESIGNED BY: CME			CME	PJS

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MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT  
MONTEREY COUNTY, CALIFORNIA

**2025 GCSS IMPROVEMENTS - PHASES I AND II**  
**CONSTRUCTION SITE PLAN- PHASE I**

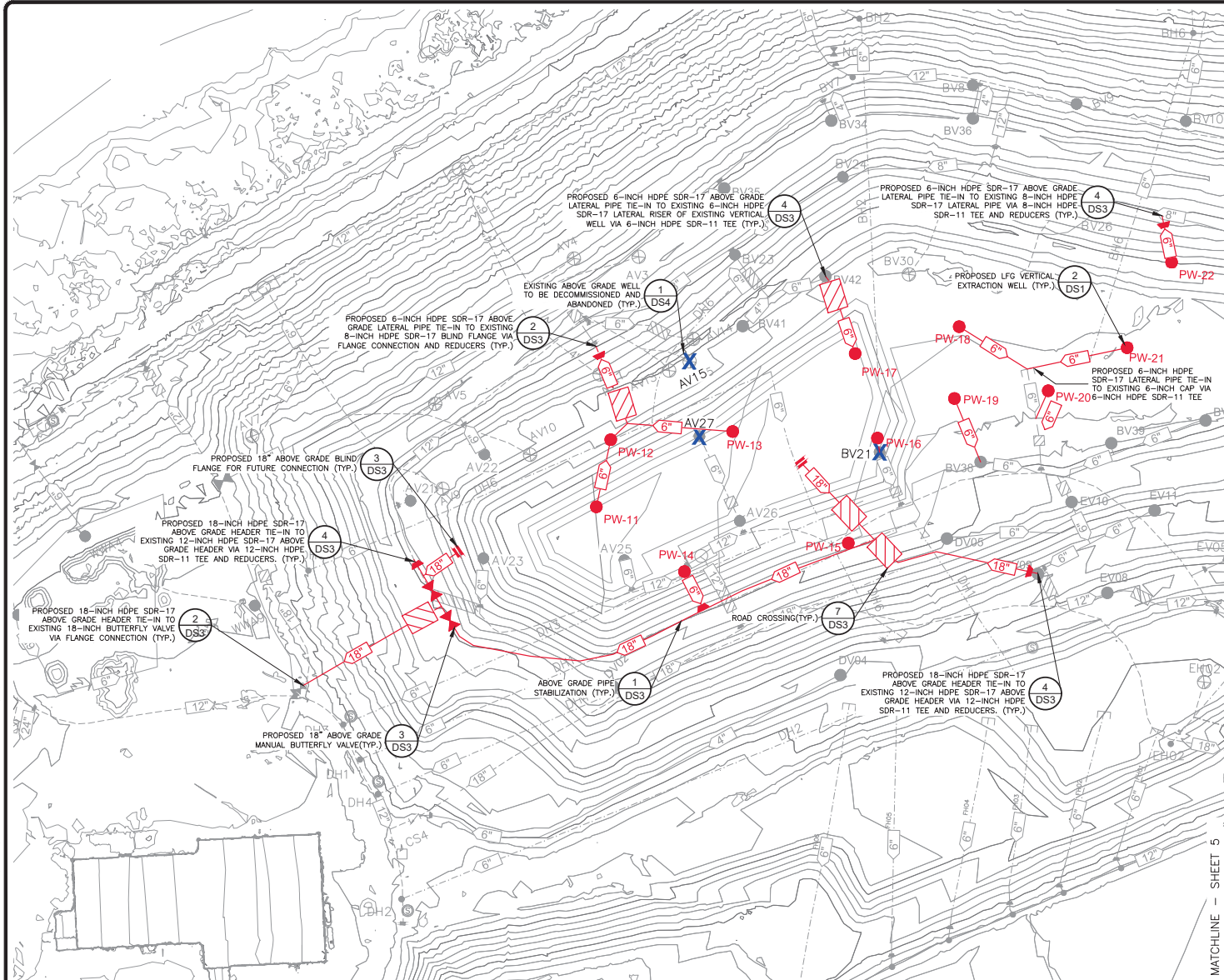
SHEET NO.  
**4**

PROJECT NO.  
2024-4028

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1" = 100'  
1/2" = 50'  
0' = 0'

PROJECT: 2025 GCSS IMPROVEMENTS - PHASES I AND II  
SHEET: 5  
DATE: 05/20/2025  
DRAWN BY: CME/CDH  
CHECKED BY: CME  
APPROVED BY: PJS



MATCHLINE - SHEET 5



0 100 200  
SCALE IN FEET

- LEGEND:**
- MODULE BOUNDARY
  - EXISTING INDEX CONTOUR
  - EXISTING INTERMEDIATE CONTOUR
  - EXISTING LANDFILL GAS HEADER, ABOVE GRADE
  - EXISTING LANDFILL GAS HEADER, BELOW GRADE
  - EXISTING HORIZONTAL COLLECTOR
  - EXISTING HORIZONTAL COLLECTOR LATERAL CONNECTION
  - EXISTING VERTICAL WELL, REMOTE WELL HEAD
  - EXISTING VERTICAL WELL, ABOVE GRADE
  - EXISTING REDUCER
  - EXISTING LEACHATE SUMP
  - EXISTING VALVE
  - EXISTING CHECK VALVE
  - EXISTING LFG WELL AND COLLECTOR CONTROL MANIFOLD
  - EXISTING WELLHEAD NOT CONNECTED TO HEADER
  - EXISTING SUMP
  - EXISTING BLIND FLANGE
  - EXISTING CONDENSATE DRAIN LINE, ABOVE GRADE
  - EXISTING NORMALLY OPEN VALVE
  - EXISTING NORMALLY CLOSED VALVE
  - EXISTING CAP
  - EXISTING ROAD CROSSING
  - PROPOSED LFG VERTICAL WELL
  - PROPOSED REDUCER
  - PROPOSED ROAD CROSSING
  - PROPOSED LANDFILL GAS PIPE, ABOVE GRADE
  - PROPOSED LANDFILL GAS PIPE, BELOW GRADE
  - EXISTING WELL TO BE ABANDONED
  - PROPOSED VALVE
  - PROPOSED BLIND FLANGE

ISSUED FOR BIDDING

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
1	05/20/2025	DRAWN BY: CME/CDH DESIGNED BY: CME			CME	PJS



MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT  
MONTEREY COUNTY, CALIFORNIA

2025 GCSS IMPROVEMENTS - PHASES I AND II  
CONSTRUCTION SITE PLAN- PHASE II

SHEET NO.  
**5**  
PROJECT NO.  
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Diagram illustrating the cross-section of a wellhead installation, showing various layers and components:

- Top Layer:** LFG MEMBRANE WELL SEAL (DS2).
- Reinforcement:** WELL BORE REINFORCEMENT GATE (DS2).
- Soil Layers:** ON-SITE SOIL, APPROVED BY ENGINEER.
- Geotextile:** BENTONITE - BAROID BENSEAL OR EQUAL. FULLY HYDRATE PRIOR TO INSTALLATION, 3' MINIMUM.
- Perforated Pipe:** PERFORATED PIPE (DS1).
- Gravel/Geotextile:** 8 OZ / SY NON-WOVEN GEOTEXTILE. CUT INTO 3' X 3' DIA. CIRCLES, WEIGHT, AND DROP INTO PLACE UNTIL ROCK IS COMPLETELY COVERED.
- Crushed Rock:** 1" - 3" CRUSHED NON-CARBONATE ROCK OR GRAVEL WITH MINIMAL FINES AS APPROVED BY OWNER/ENGINEER.
- End Cap:** 6" HDPE SDR-11 END CAP.
- Dimensions:**
  - Overall height: 15' MIN.
  - Wellhead diameter: 36".
  - Vertical dimensions: 5', 2', 2', 5'±, 2', 2', 2'.
  - Horizontal dimensions: 15' MIN., 36".
- Labels:** WASTE, COVER, TOP OF LINER SYSTEM.

1.  $D_R$  = DEPTH OF REFUSE  
 $D_B$  = DEPTH OF BORING  
 $D_S$  = DEPTH OF SOLID PIPE (BELOW GRADE) - 35 FEET MINIMUM  
 $D_P$  = LENGTH OF PERFORATED PIPE

- ### TYPICAL LFG EXTRACTION WELL

SCALE: NOT TO SCALE

Example Only: Not For Construction.