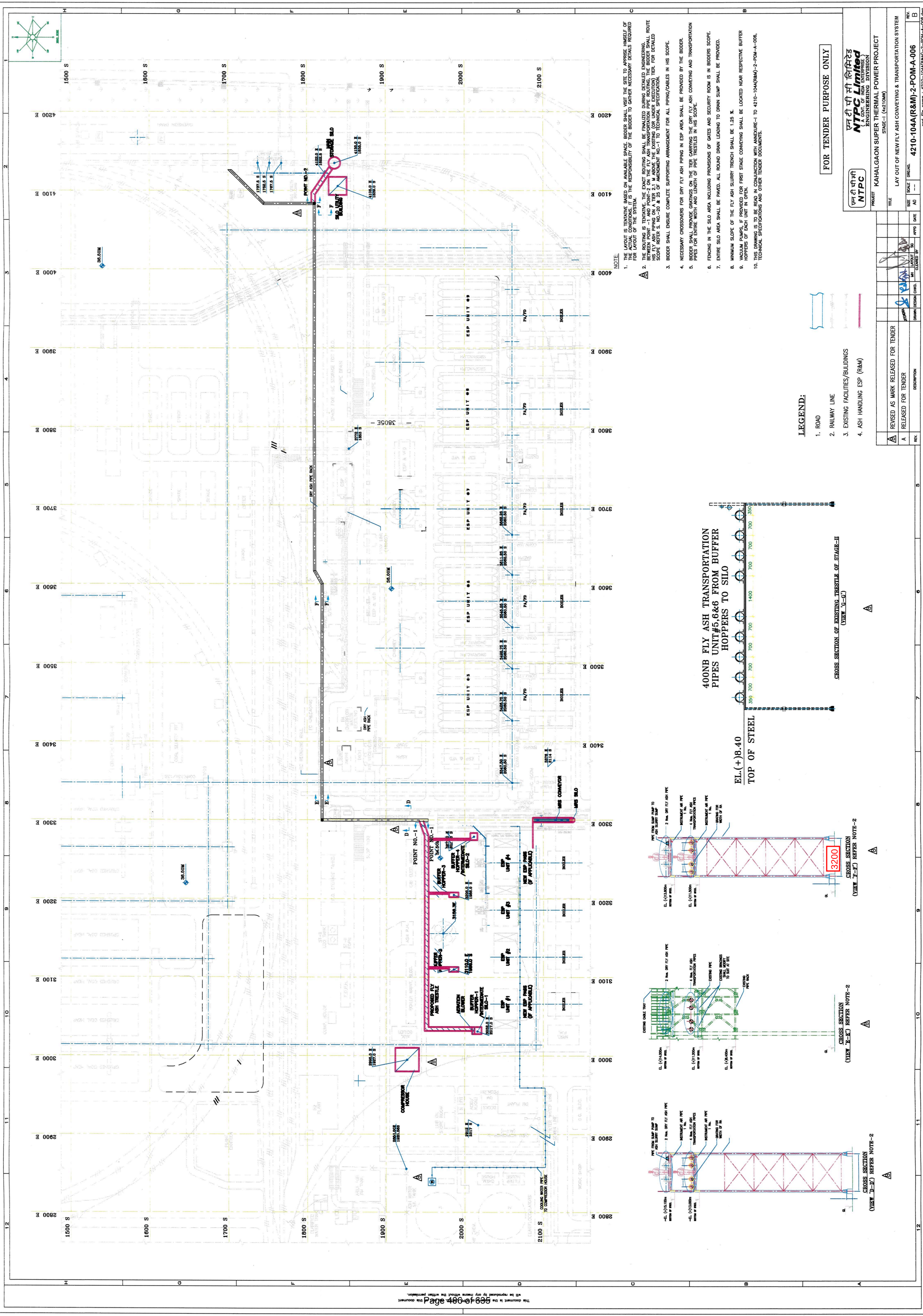




LEGEND:

- 1. ROAD
- 2. RAILWAY LINE
- 3. EXISTING FACILITIES/BUILDINGS
- 4. ASH HANDLING ESP (R&M)

FOR TENDER PURPOSE ONLY

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NTPC

ENGINEERING DIVISION

PROJECT

KAHALGAON SUPER THERMAL POWER PROJECT

STAGE-I (4x210MW)

TITLE

LAY OUT OF NEW FLY ASH CONVEYING & TRANSPORTATION SYSTEM

REV

4210-104A(R&M)-2-POM-A-006

DATE

SCALE

DRW

APPD

CHECKED BY

DESIGN

CONC

REV

- NOTE:
- THE LAYOUT IS TENTATIVE BASED ON AVAILABLE SPACE. BIDDERS SHALL VISIT THE SITE TO APPROPRIATE UNLESS OF THE ACTUAL CONDITIONS. IT IS THE RESPONSIBILITY OF THE BIDDER TO OBTAIN NECESSARY DETAILS REQUIRED FOR LAYOUT OF THE SYSTEM.
 - THE ROUTING IS TENTATIVE. THE EXACT ROUTING SHALL BE FINALIZED DURING DETAILED ENGINEERING. BETWEEN POINT -1 AND POINT-2 ON THE FLY ASH TRANSPORTATION PIPE ROUTING, THE BIDDERS SHALL ROUTE THE PIPEWORK AS PER THE REQUIREMENTS OF THE PROJECT. THE BIDDERS SHALL SUBMIT THE ROUTING FOR SCOPE KETER S. NO. 20 & 25 OF AMENDMENT NO-1 TO TECHNICAL SPECIFICATION.
 - BIDDER SHALL ENSURE COMPLETE SUPPORTING ARRANGEMENT FOR ALL PIPING/CABLES IN HIS SCOPE.
 - NECESSARY CROSSEOVERS FOR DRY FLY ASH PIPING IN ESP AREA SHALL BE PROVIDED BY THE BIDDER.
 - BIDDER SHALL PROVIDE ARRANGING ON THE TOP CARRIAGES THE DRY FLY ASH CONVEYING AND TRANSPORTATION PIPES FOR ENTIRE WIDTH AND LENGTH OF PIPE TRUSTLES IN HIS SCOPE.
 - FENCING IN THE SILO AREA INCLUDING PROVISIONS OF GATES AND SECURITY ROOM IS IN BIDDERS SCOPE.
 - ENTIRE SILO AREA SHALL BE PAVED. ALL ROUND DRAIN LEADING TO DRAIN SUMP SHALL BE PROVIDED.
 - MINIMUM SLOPE OF THE FLY ASH SLURRY TRENCH SHALL BE 1:25 %.
 - VACUUM PUMPS, IF PROVIDED FOR FIRST STAGE CONVEYING SHALL BE LOCATED NEAR RESPECTIVE BUFFER HOPPERS OF EACH UNIT IN OPEN.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ANNEXURE-1 TO 4210-104A(R&M)-2-POM-A-006, TECHNICAL SPECIFICATIONS AND OTHER TENDER DOCUMENTS.

