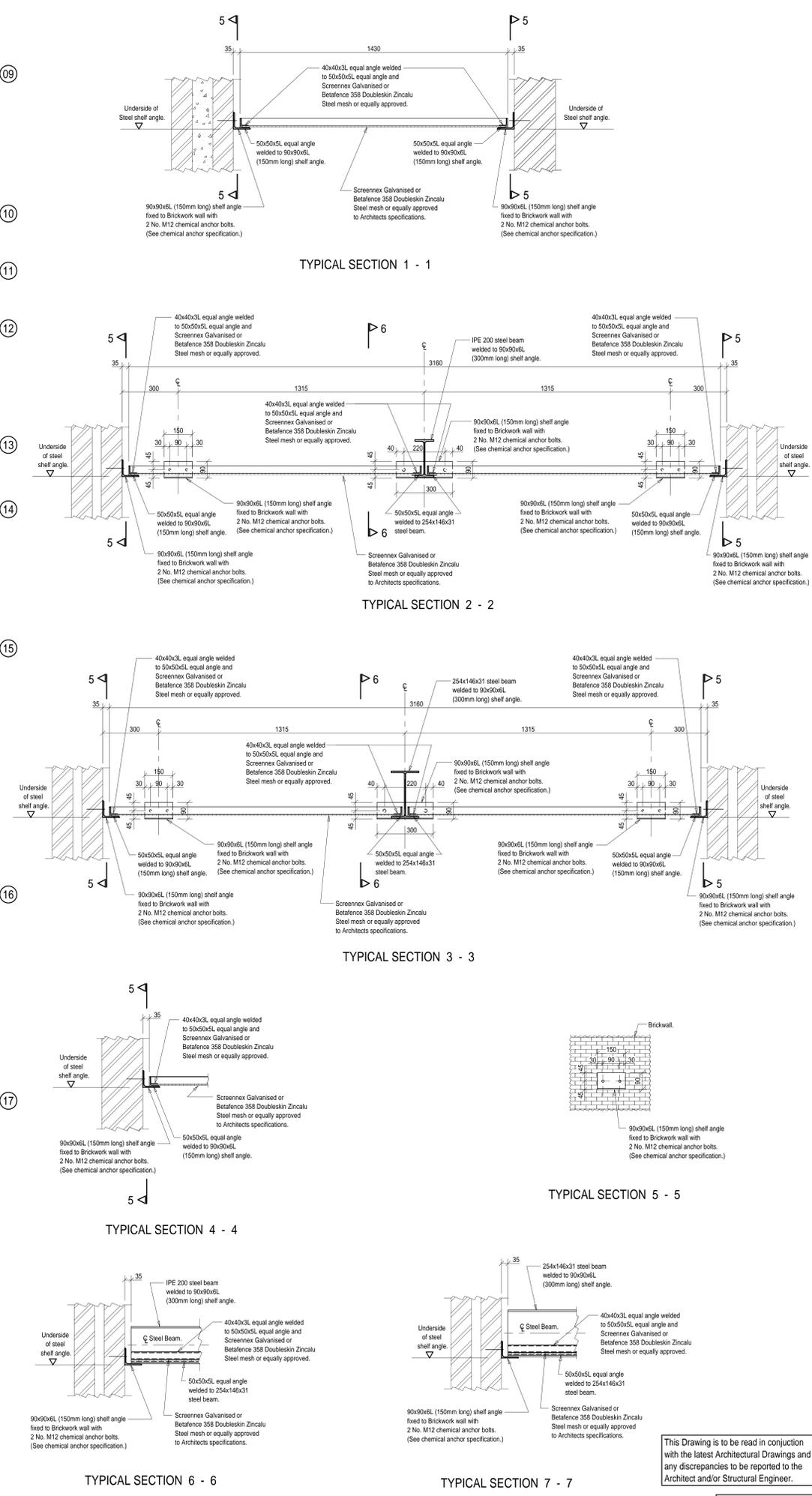


PLAN : OVERHEAD SECURITY GRILLES

- Structural Steel Notes :**
- All work to be in accordance with SANS 1200H.
 - All welds to be min. 6mm continuous fillet welds (unless otherwise noted).
 - All structural steelwork to be Grade S355JR (unless otherwise noted).
 - All bolts to be Grade 8.8 bolts and to be hot dipped galvanized to SANS 121:2011 (ISO 1461:2009 (E)).
 - All structural steelwork, bolts, nuts and washers to be hot dipped galvanized to SANS 121:2011 (ISO 1461:2009 (E)).
Galvanising Certificate for all steel work is to be submitted to the Engineer on completion.
 - If the galvanising is damaged or scratched during the installation process, it must be 'touched up' with Plascon Plasozinc Poly Galv Primer or equally approved.
 - 2 sets of fabrication shop drawings (hard copies) are to be delivered to the Engineer's offices for review and approval before commencing with any fabrication.
Note : Email submission of electronic (PDF) copies of shop drawings will NOT be accepted.
 - Certificates confirming the grade stress of all steel work and bolts specified is to be submitted to the Engineer on completion.
 - The Structural Steelwork Contractor is to verify all setting out dimensions on site prior to fabrication.

M12 CHEMICAL ANCHOR SPECIFICATION FOR CAVITY BRICKWORK WALL
 Fischer M12 (8.8) galvanised H.D. Anchor Studs (with embedment length = 90mm into outer leaf of cavity brick wall) with Fischer FIS-V-360 Chemical Mortar and FIS H 12x85 K perforated sleeves or equally approved Chemical Anchors with ETA (European Technical Approval). Anchors to be installed in solid brick units (not in mortar joints).

M12 CHEMICAL ANCHOR SPECIFICATION :
 Fischer M12 (8.8) galvanised H.D. Anchor Studs (with embedment length = 180mm) with Fischer FIS-V-300 Chemical Mortar or equally approved Chemical Anchors with ETA (European Technical Approval).



This Drawing is to be read in conjunction with the latest Architectural Drawings and any discrepancies to be reported to the Architect and/or Structural Engineer.

REV	DESCRIPTION	BY	DATE
T1	FOR TENDER	S.N.	11/04/2025

Professional Person: M. NAR. P.TechEng. ECSA Registration No.: 200670311



SAKHISIZWE ARCHITECTS

PROJECT :
 19/1/9/1/59 TB (22)
 PROPOSED MSINSINI
 POLICE STATION IN KZN

DETAILS :
 POLICE STATION BUILDING :
 OVERHEAD GRILLES LAYOUT
 AND DETAILS

DISCIPLINE : STRUCTURAL ENGINEERING



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DESIGNED: S.N. COPYRIGHT RESERVED SCALES: 1:50
 DRAWN: S.N. APPROVED: M.N. PL DATE: 18/09/2024
 DRAWING No.: 589 / 126 REV: T1

FOR TENDER