

TYPICAL COLUMN TRANSVERSE REINFORCEMENT DETAIL

GENERAL NOTES: -

1. ALL DIMENSIONS AND LEVELS ARE IN MM
2. DO NOT SCALE THIS DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCRIPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.

REINFORCEMENT DETAILS

1. HIGH YIELD STRENGTH DEFORMED BARS OF GRADE Fe-500D CONFORMING TO IS 1786-2008, SHALL BE USED.
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE 48ϕ . WHERE ϕ IS DIA. OF BARS. FOR Fe-500 D STEEL & M25 GRADE CONCRETE.
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB BARS SHALL BE 48ϕ . WHERE ϕ IS DIA. OF BARS. SHALL BE PROVIDED OF #8@250mm C/C UNLESS OTHERWISE ENTIONED.

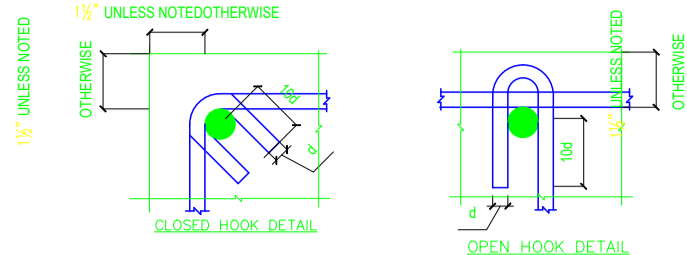
CONCRETE DETAILS

1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGREGATE GATE SHALL BE 20mm UNLESS OTHERWISE STATED.
2. CONCRETE SHALL BE DESIGN MIX OF M-25 GRADE CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
3. CLEAR COVER OF CONCRETE IN MM TO ALL REINFORCEMENT INCLUDING LINKS UNLESS SPECIFIED OTHERWISE

SHALL BE :-

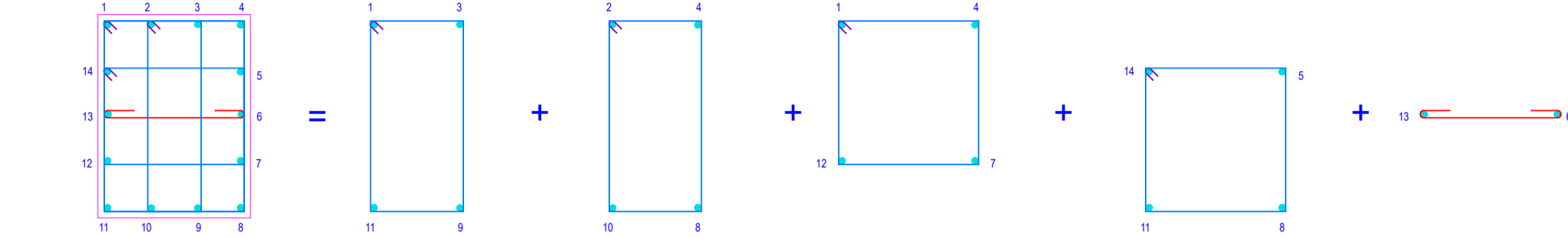
| PRTICULAR | BOTTOM | TOP | SIDES |
|--|---------|---------|---|
| SLAB | 20MM | 20MM | |
| FOOTING | (50MM.) | (50MM.) | (50MM.) |
| RETAINING WALL | | (25MM.) | (40MM.) (EARTH SIDE) (15MM.) (IN. SIDE) |
| COLUMNS | | | (40MM.) |
| BEAMS, LINTEL | (25MM.) | (25MM.) | (25MM.) |
| WALLS,FLOOR SLAB & ROOF SLAB OF WATER TANK | | | (25MM.) ON WATER FACE (40MM.) (ON ERTH SIDE) WHERE APPLICABLE |

① TYPICAL DETAIL OF HOOKS

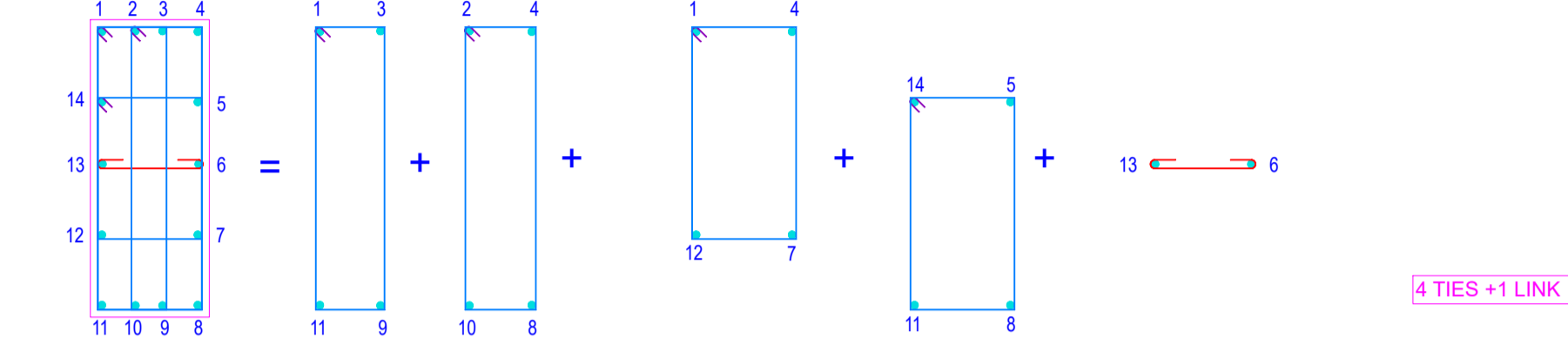


TYPICAL HOOK DETAIL

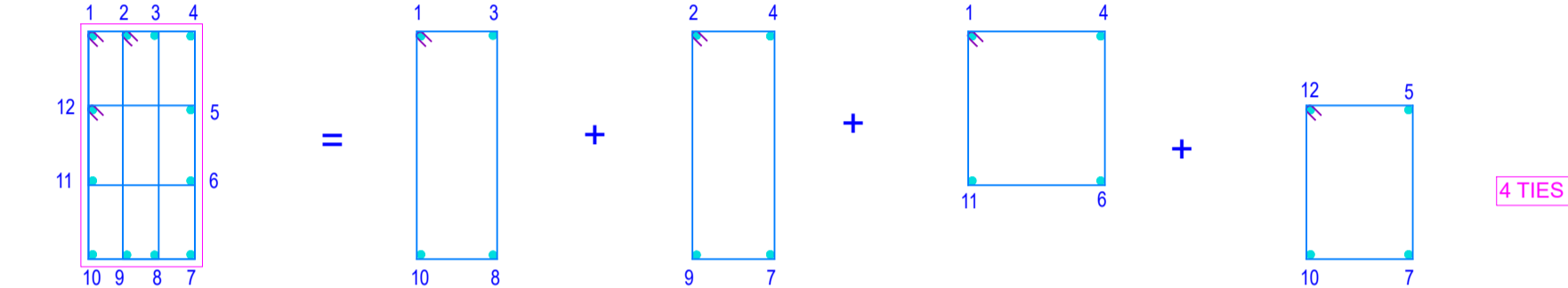
② COLUMN SIZE =18"x24" (14 BARS)



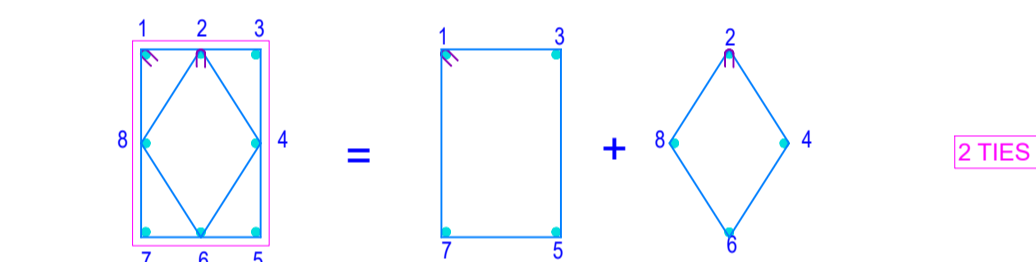
③ COLUMN SIZE =12"x30" (14 BARS)



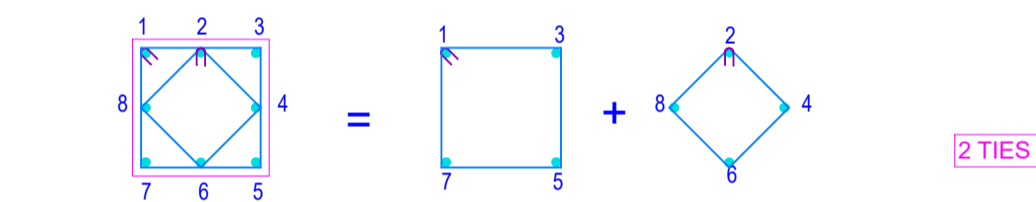
④ COLUMN SIZE =12"x24" (12 BARS)



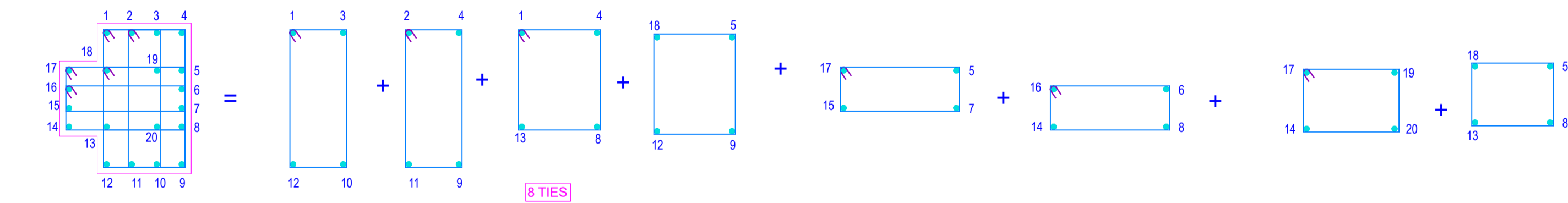
⑤ COLUMN SIZE =12"x18" (8 BARS)



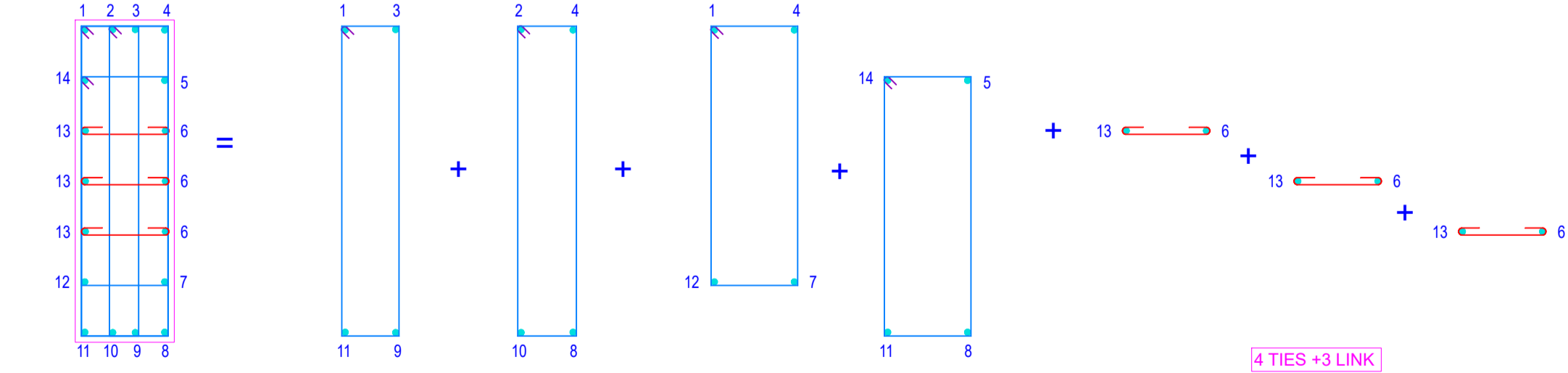
⑥ COLUMN SIZE =12"x12" (8 BARS)



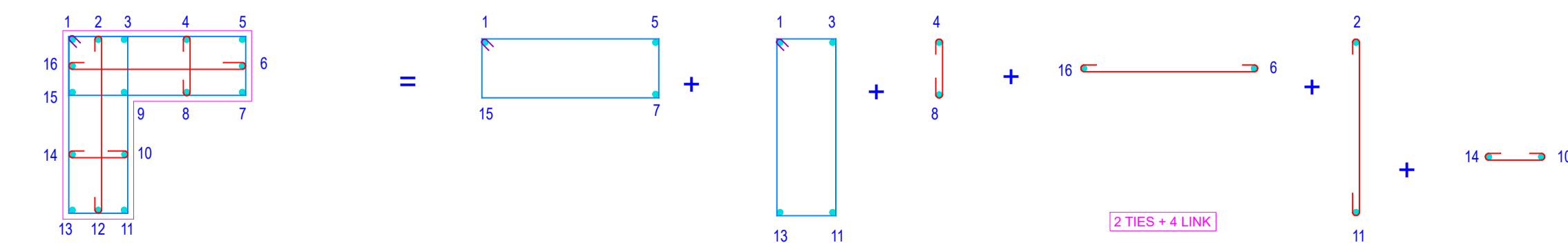
⑦ COLUMN SIZE =21"x24" (20 BARS)



⑧ COLUMN SIZE =12"x39" (18 BARS)



⑧ COLUMN SIZE =12"x39" (18 BARS)



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DRAWING TITLE:

TYPICAL DETAILS

PROJECT:

| | | |
|-------------|---------------------------|-------------------|
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STRUCTURE CO. :

SANRACHANA