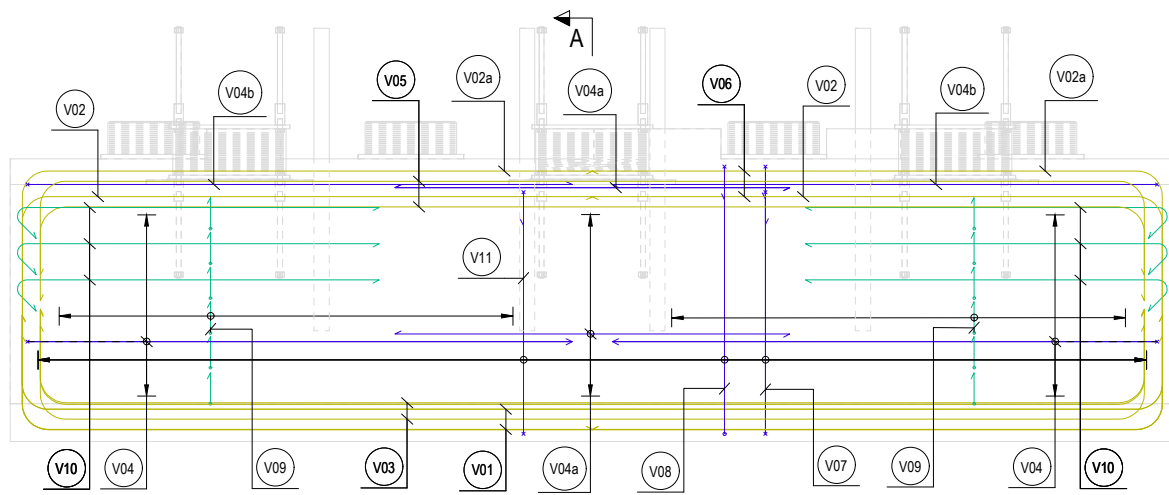
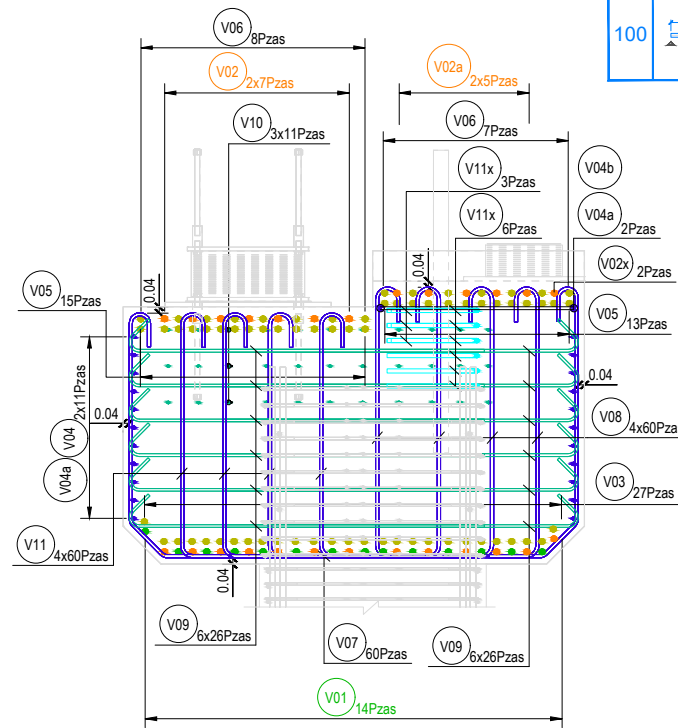
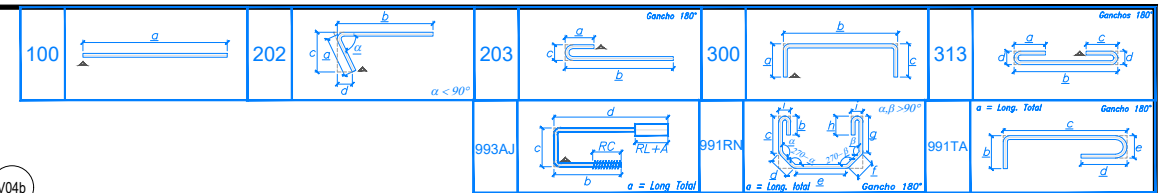




ELEVACION VIGA CABEZAL VCAB\_P16

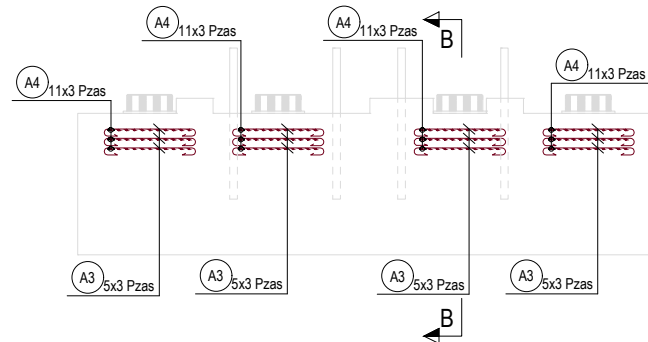
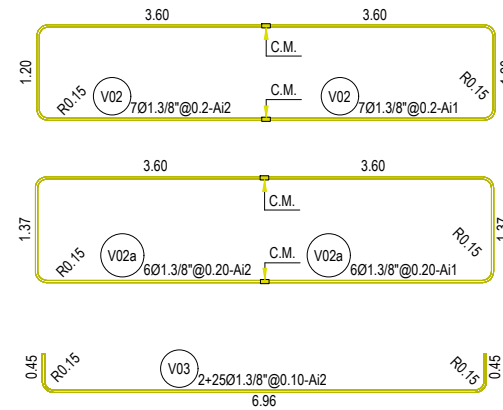


SECCIÓN A-A

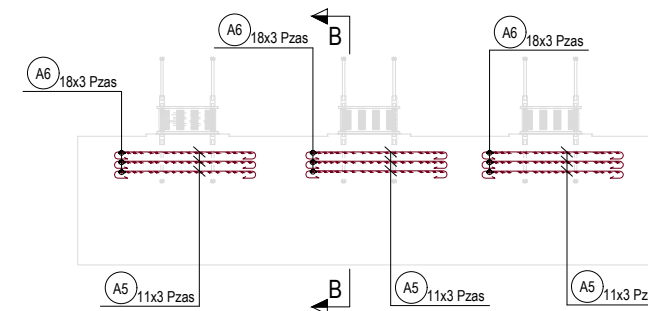
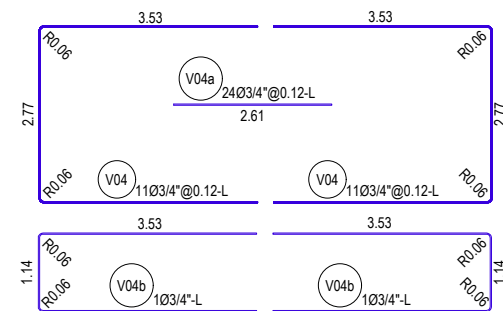


| LISTA DE DESPIECE |            |          |                |       |       |       |       |       |       |       |       |               |        |          |             |                  |
|-------------------|------------|----------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|--------|----------|-------------|------------------|
| NIVEL             | ESTRUCTURA | TIPO     | CANT. DE ELEM. | PIEZA | FORMA | a     | b     | c     | d     | e     | f     | CANT. X ELEM. | DIAM   | LONGITUD | TOTAL       | TIPO DE CONECTOR |
| NIVEL 3           | V.CABEZAL  | VCAB_P16 | 1              | A3    | 313   | 0.18M | 1.22M | 0.18M |       |       |       | 60            | 1/2"   | 1.79M    | 106.756Kg   |                  |
|                   |            |          | 1              | A4    | 313   | 0.18M | 0.84M | 0.18M |       |       |       | 132           | 1/2"   | 1.41M    | 185.003Kg   |                  |
|                   |            |          | 1              | A5    | 313   | 0.18M | 1.88M | 0.18M |       |       |       | 99            | 1/2"   | 2.45M    | 241.095Kg   |                  |
|                   |            |          | 1              | A6    | 313   | 0.18M | 1.40M | 0.18M |       |       |       | 162           | 1/2"   | 1.97M    | 317.225Kg   |                  |
|                   |            |          | 1              | K3    | 300   | 0.87M | 0.18M | 0.87M |       |       |       | 49            | 5/8"   | 1.92M    | 146.012Kg   |                  |
|                   |            |          | 1              | K4    | 100   | 1.30M |       |       |       |       |       | 26            | 5/8"   | 1.30M    | 52.458Kg    |                  |
|                   |            |          | 1              | R01   | 100   | 2.55M |       |       |       |       |       | 8             | 1"     | 2.55M    | 81.049Kg    |                  |
|                   |            |          | 1              | R02   | 100   | 1.60M |       |       |       |       |       | 8             | 1"     | 1.60M    | 50.854Kg    |                  |
|                   |            |          | 1              | R03   | 100   | 1.30M |       |       |       |       |       | 8             | 1"     | 1.30M    | 41.319Kg    |                  |
|                   |            |          | 1              | V01   | 300   | 0.64M | 7.58M | 0.64M |       |       |       | 14            | 1 3/8" | 8.86M    | 980.784Kg   |                  |
|                   |            |          | 1              | V02   | 993   | 9.16M | 3.79M | 1.58M | 3.79M |       |       | 14            | 1 3/8" | 9.16M    | 1013.994Kg  | 993AJ            |
|                   |            |          | 1              | V02a  | 993   | 9.33M | 3.79M | 1.75M | 3.79M |       |       | 10            | 1 3/8" | 9.33M    | 737.723Kg   | 993AJ            |
|                   |            |          | 1              | V02x  | 993   | 9.24M | 3.79M | 1.66M | 3.79M |       |       | 2             | 1 3/8" | 9.24M    | 146.121Kg   | 993AJ            |
|                   |            |          | 1              | V03   | 300   | 0.64M | 7.34M | 0.64M |       |       |       | 27            | 1 3/8" | 8.62M    | 1840.275Kg  |                  |
|                   |            |          | 1              | V04   | 300   | 3.61M | 2.93M | 3.61M |       |       |       | 22            | 3/4"   | 10.15M   | 499.075Kg   |                  |
|                   |            |          | 1              | V04a  | 100   | 2.61M |       |       |       |       |       | 24            | 3/4"   | 2.61M    | 140.000Kg   |                  |
|                   |            |          | 1              | V04b  | 300   | 3.61M | 1.30M | 3.61M |       |       |       | 2             | 3/4"   | 8.52M    | 38.084Kg    |                  |
|                   |            |          | 1              | V05   | 300   | 0.64M | 7.34M | 0.64M |       |       |       | 28            | 1 3/8" | 8.62M    | 1908.434Kg  |                  |
|                   |            |          | 1              | V06   | 300   | 0.64M | 7.58M | 0.64M |       |       |       | 15            | 1 3/8" | 8.86M    | 1050.840Kg  |                  |
|                   |            |          | 1              | V07   | 991   | 6.85M | 0.22M | 1.56M | 0.32M | 2.52M | 0.32M | 60            | 3/4"   | 6.85M    | 918.585Kg   | 991RN            |
|                   |            |          | 1              | V08   | 991   | 2.51M | 0.33M | 1.79M | 0.23M |       |       | 240           | 3/4"   | 2.51M    | 1346.364Kg  | 991TA            |
|                   |            |          | 1              | V09   | 202   | 0.22M | 2.35M |       |       |       |       | 312           | 5/8"   | 2.57M    | 1244.456Kg  |                  |
|                   |            |          | 1              | V10   | 202   | 0.22M | 2.40M |       |       |       |       | 66            | 5/8"   | 2.62M    | 268.372Kg   |                  |
|                   |            |          | 1              | V11   | 991   | 2.34M | 0.33M | 1.62M | 0.23M |       |       | 240           | 3/4"   | 2.34M    | 1255.176Kg  | 991TA            |
|                   |            |          | 1              | V11x  | 203   | 0.58M | 0.61M |       |       |       |       | 18            | 1"     | 1.41M    | 100.835Kg   |                  |
|                   |            |          |                |       |       |       |       |       |       |       |       | 1646          | TOTAL  |          | 14710.889Kg |                  |

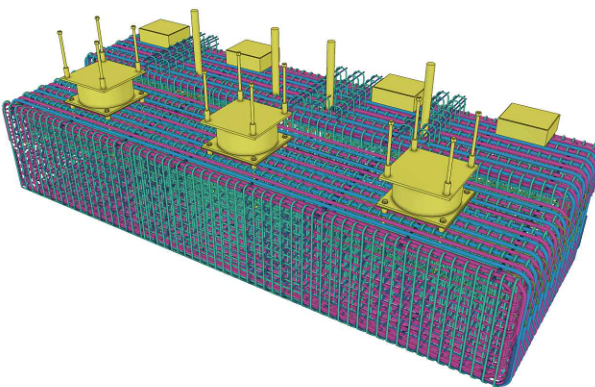
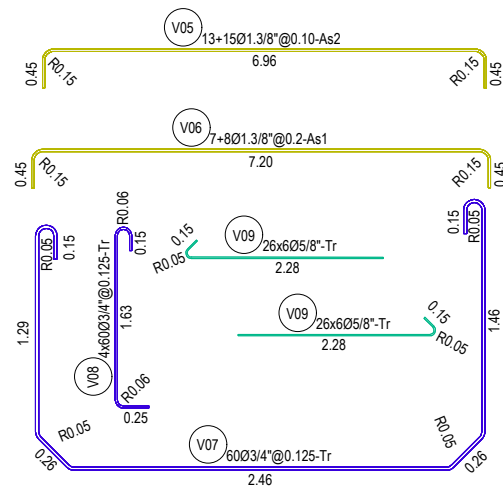
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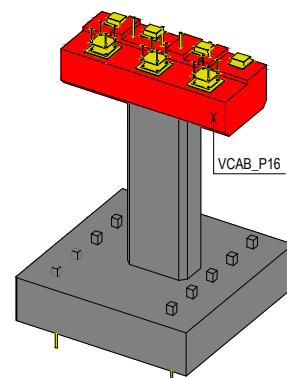
(ELEVACION) ARMADURA BAJO DISPOSITIVOS DE APOYO



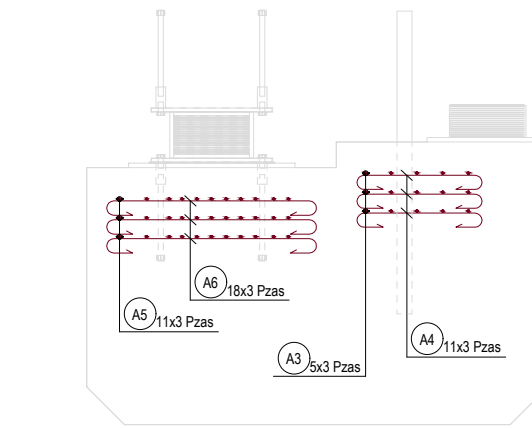
(ELEVACION) ARMADURA BAJO AISLADORES



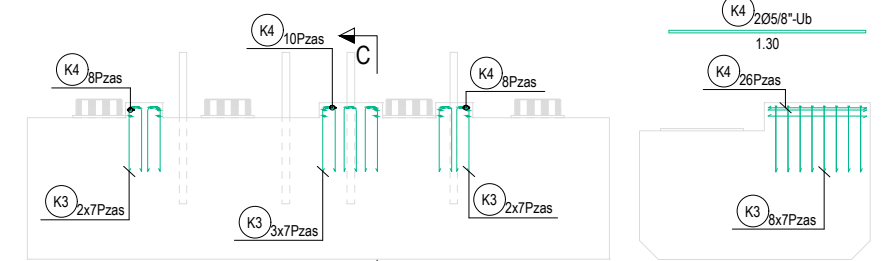
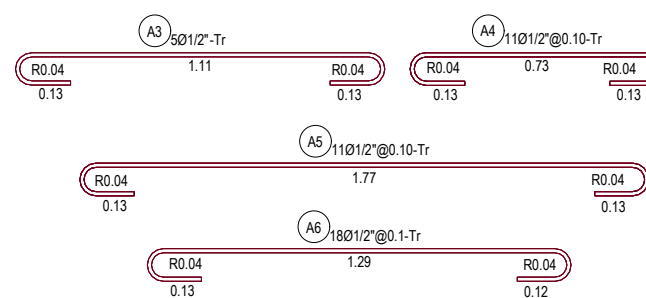
ISOMETRICO DE ARMADURA



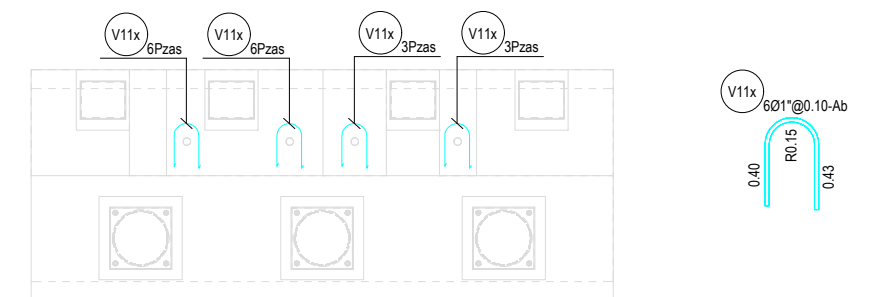
ISOMETRICO DE ESTRUCTURA



SECCIÓN B-B

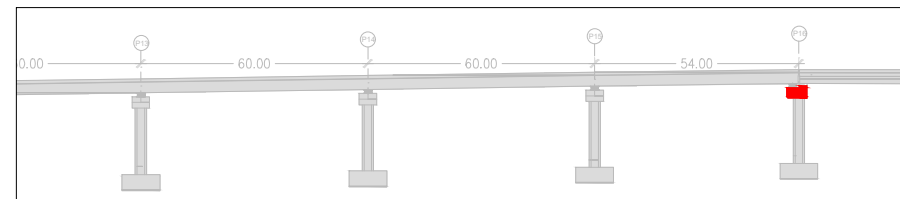


(ELEVACION) ARMADURA DE LLAVES DE CORTE



(PLANTA) ARMADURA DE REFUERZO ALREDEDOR DE BARRAS ASTM F1554

| NOMENCLATURA DE BARRAS                             |                                |                   | UBICACION (VER TABLA 1)      |
|----------------------------------------------------|--------------------------------|-------------------|------------------------------|
| POSICION                                           | CANTIDAD DE BARRAS             | ESPACIAMIENTO     | DIAMETRO                     |
| P01                                                | 3                              | Ø 5/8" @ 15 - Ai1 |                              |
| TABLA 1                                            |                                |                   |                              |
| AsN                                                | : Armadura superior - Capa "N" | Tr                | : Traba                      |
| AIN                                                | : Armadura inferior - Capa "N" | Sp                | : Separador                  |
| LN                                                 | : Armadura lateral - Capa "N"  | Bve/i             | : Barra vertical Ext./Int.   |
| Rs                                                 | : Refuerzo superior            | Bhe/i             | : Barra horizontal Ext./Int. |
| Ri                                                 | : Refuerzo inferior            | Abx               | : Barra adicional Estructura |
| St                                                 | : Barra vertical de arranque   | Ub                | : Barra en "U"               |
| Es                                                 | : Estribo                      | Su                | : Barra suple                |
| Ho                                                 | : Habilitar en obra            |                   |                              |
| - NOTAS:                                           |                                |                   |                              |
| - RECURRIMIENTOS INDICADOS                         |                                |                   |                              |
| - ACERO A706                                       |                                |                   |                              |
| - SE COMPLEMENTA CON LÁMINAS DEL PROYECTO ORIGINAL |                                |                   |                              |



UBICACIÓN DE ESTRUCTURA



|             |  |
|-------------|--|
| DISEÑO:     |  |
| VERIFICÓ:   |  |
| DIBUJO:     |  |
| PROFESIONAL |  |

| REV. | FECHA | REVISION |
|------|-------|----------|
|------|-------|----------|

CREACION DEL PASO A DESNIVEL EN LA INTERSECCION DE LA AV. LAS PALMERAS - AV. JAVIER PRADO ESTE - AV. GOLF LOS INCAS (OVALO MONITOR) EN LOS DISTRITOS DE LA MOLINA Y SANTIAGO DE SURCO, PROVINCIA DE LIMA - LIMA

PROYECTO: VIADUCTO OVALO MONITOR MODULO TRAMO CENTRAL PILAR P05 - VIGA CABEZAL VCAB\_P16 (1/1)

|         |                |      |
|---------|----------------|------|
| ESCALA: | INDICADA       | LAM: |
| FECHA:  | 20.10.2021     | 1    |
| CODIGO: | IN-POV-P16-A04 |      |