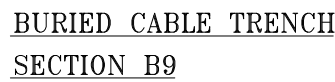
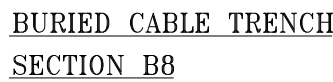


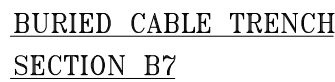
| Item | Cable No.      | From       | To. | System | Qty. Of Pair /Traid Core | Conductor Type | Conductor Size (mm2) | SECTION NO.  | IS / NIS |
|------|----------------|------------|-----|--------|--------------------------|----------------|----------------------|--------------|----------|
| 1    | MC- JBD-A-2108 | JBD-A-2108 | DCS | DCS    | 12                       | Pair           | 1                    | SECTION- B10 | IS       |
| 2    | MC- JBE-A-2105 | JBE-A-2105 | ESD | ESD    | 12                       | Pair           | 1                    | SECTION- B10 | IS       |
| 3    | MC- JBE-A-2106 | JBE-A-2106 | ESD | ESD    | 19                       | Pair           | 1                    | SECTION- B10 | IS       |
| 4    | MC- JBF-A-2109 | JBF-A-2109 | FGS | FGS    | 12                       | Traid          | 1                    | SECTION- B10 | IS       |
| 5    | MC- JBF-A-2111 | JBF-A-2111 | FGS | FGS    | 12                       | Traid          | 1                    | SECTION- B10 | IS       |
| 6    | MC- JBF-D-2114 | JBF-D-2114 | FGS | FGS    | 7                        | Pair           | 2.5                  | SECTION- B10 | NIS      |



| Item | Cable No.      | From       | To  | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) | SECTION NO. | IS / NIS |
|------|----------------|------------|-----|--------|----------------------------|----------------|----------------------|-------------|----------|
| 1    | MC- JBE-D-2103 | JBE-D-2103 | ESD | ESD    | 7                          | Pair           | 1                    | SECTION- B9 | NIS      |

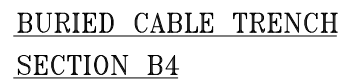
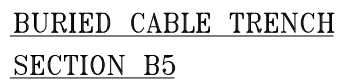
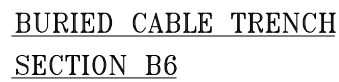


| Item | Cable No.      | From       | To. | System | Qty. Of Pair /Tried/ Core | Conductor Type | Conductor Size ( mmz) | SECTION NO. | IS / NIS |
|------|----------------|------------|-----|--------|---------------------------|----------------|-----------------------|-------------|----------|
| 1    | MC- JBD-A-2108 | JBD-A-2108 | DCS | DCS    | 12                        | Pair           | 1                     | SECTION-88  | IS       |
| 2    | MC- JBE-A-2105 | JBE-A-2105 | ESD | ESD    | 12                        | Pair           | 1                     | SECTION-88  | IS       |
| 3    | MC- JBE-A-2106 | JBE-A-2106 | ESD | ESD    | 19                        | Pair           | 1                     | SECTION-88  | IS       |
| 4    | MC- JBE-D-2103 | JBE-D-2103 | ESD | ESD    | 7                         | Pair           | 1                     | SECTION-88  | NIS      |
| 5    | MC- JBF-A-2109 | JBF-A-2109 | FQS | FQS    | 12                        | Triad          | 1                     | SECTION-88  | IS       |
| 6    | MC- JBF-A-2111 | JBF-A-2111 | FQS | FQS    | 12                        | Triad          | 1                     | SECTION-88  | IS       |
| 7    | MC- JBF-D-2114 | JBF-D-2114 | FQS | FQS    | 7                         | Pair           | 2.5                   | SECTION-88  | NIS      |

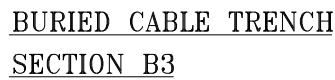


| Item | Cable No.      | From       | To. | System | Qty. Of Pair /Triad/ Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) | SECTION NO.       | IS / NIS |
|------|----------------|------------|-----|--------|---------------------------|----------------|-----------------------------------|-------------------|----------|
| 1    | MC- JBE-D-2102 | JBE-D-2102 | ESD | ESD    | 7                         | Pair           | 1                                 | SECTION -B7-BUILD | NIS      |

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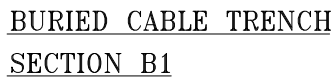
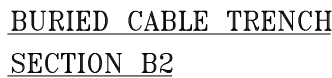


| Item | Cable No.      | From       | To  | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) | SECTION NO. | IS / NIS |
|------|----------------|------------|-----|--------|----------------------------|----------------|----------------------|-------------|----------|
| 1    | MC- JBE-D-2101 | JBE-D-2101 | ESD | ESD    | 7                          | Pair           | 1                    | SECTION- B5 | NIS      |



| Item | Cable No.      | From       | To. | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size ( mm2) | SECTION NO. | IS / NIS |
|------|----------------|------------|-----|--------|----------------------------|----------------|-----------------------|-------------|----------|
| 1    | MC- JBD-A-2108 | JBD-A-2108 | DCS | DCS    | 12                         | Pair           |                       | SECTION- 84 | IS       |
| 2    | MC- JBE-A-2105 | JBE-A-2105 | ESD | ESD    | 12                         | Pair           | 1                     | SECTION- 84 | IS       |
| 3    | MC- JBE-A-2106 | JBE-A-2106 | ESD | ESD    | 19                         | Pair           | 1                     | SECTION- 84 | IS       |
| 4    | MC- JBE-D-2101 | JBE-D-2101 | ESD | ESD    | 7                          | Pair           | 1                     | SECTION- 84 | NIS      |
| 5    | MC- JBE-D-2102 | JBE-D-2102 | ESD | ESD    | 7                          | Pair           | 1                     | SECTION- 84 | NIS      |
| 6    | MC- JBE-D-2103 | JBE-D-2103 | ESD | ESD    | 7                          | Pair           | 1                     | SECTION- 84 | NIS      |
| 7    | MC- JBF-A-2109 | JBF-A-2109 | FGS | FGS    | 12                         | Triad          | 1                     | SECTION- 84 | IS       |
| 8    | MC- JBF-A-2111 | JBF-A-2111 | FGS | FGS    | 12                         | Triad          | 1                     | SECTION- 84 | IS       |
| 9    | MC- JBF-D-2108 | JBF-D-2108 | FGS | FGS    | 7                          | Pair           | 2.5                   | SECTION- 84 | NIS      |
| 10   | MC- JBF-D-2113 | JBF-D-2113 | FGS | FGS    | 7                          | Pair           | 2.5                   | SECTION- 84 | NIS      |
| 11   | MC- JBF-D-2114 | JBF-D-2114 | FGS | FGS    | 7                          | Pair           | 2.5                   | SECTION- 84 | NIS      |

[illegible]

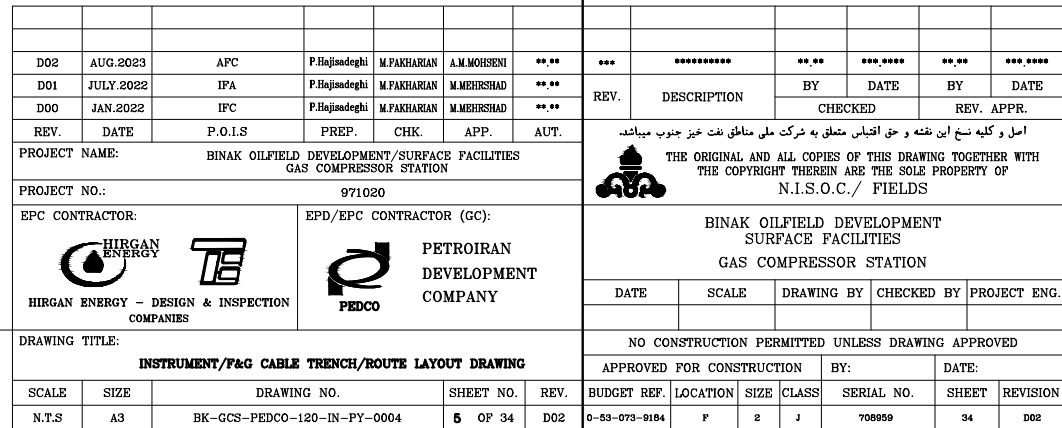
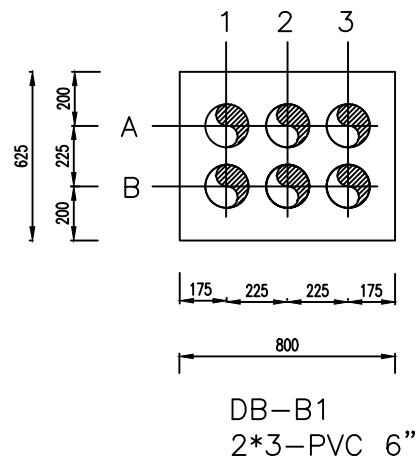


| Item | Cable No.      | From       | To. | System | Qty Of Pair / Triad / Core | Conductor Type | Conductor Size ( mm2) | SECTION NO. | IS / NIS |
|------|----------------|------------|-----|--------|----------------------------|----------------|-----------------------|-------------|----------|
| 1    | MC- JBD-A-2108 | JBD-A-2108 | DCS | DCS    | 12                         | Pair           | 1                     | SECTION-B1  | IS       |
| 2    | MC- JBE-A-2105 | JBE-A-2105 | ESD | ESD    | 12                         | Pair           | 1                     | SECTION-B1  | IS       |
| 3    | MC- JBE-A-2106 | JBE-A-2106 | ESD | ESD    | 19                         | Pair           | 1                     | SECTION-B1  | IS       |
| 4    | MC- JBE-D-2101 | JBE-D-2101 | ESD | ESD    | 7                          | Pair           | 1                     | SECTION-B1  | NIS      |
| 5    | MC- JBE-D-2102 | JBE-D-2102 | ESD | ESD    | 7                          | Pair           | 1                     | SECTION-B1  | NIS      |
| 6    | MC- JBE-D-2103 | JBE-D-2103 | ESD | ESD    | 7                          | Pair           | 1                     | SECTION-B1  | NIS      |
| 7    | MC- JBF-A-2109 | JBF-A-2109 | FGB | FGB    | 12                         | Triad          | 1                     | SECTION-B1  | IS       |
| 8    | MC- JBF-A-2111 | JBF-A-2111 | FGB | FGB    | 12                         | Triad          | 1                     | SECTION-B1  | IS       |
| 9    | MC- JBF-D-2108 | JBF-D-2108 | FGB | FGB    | 7                          | Pair           | 2.5                   | SECTION-B1  | NIS      |
| 10   | MC- JBF-D-2113 | JBF-D-2113 | FGB | FGB    | 7                          | Pair           | 2.5                   | SECTION-B1  | NIS      |
| 11   | MC- JBF-D-2114 | JBF-D-2114 | FGB | FGB    | 7                          | Pair           | 2.5                   | SECTION-B1  | NIS      |
| 12   | MC- JBD-A-2101 | JBD-A-2101 | DCS | DCS    | 12                         | Pair           | 1                     | SECTION-B1  | IS       |
| 13   | MC- JBD-D-2101 | JBD-D-2101 | DCS | DCS    | 19                         | Pair           | 1                     | SECTION-B1  | NIS      |
| 14   | MC- JBE-S-2101 | JBE-S-2101 | ESD | ESD    | 12                         | Pair           | 2.5                   | SECTION-B1  | NIS      |
| 15   | MC- MOV-2003   | MOV-2003   | DCS | DCS    | 12                         | Pair           | 2.5                   | SECTION-B1  | NIS      |
| 16   | MC- JBF-D-2108 | JBF-D-2108 | FGB | FGB    | 7                          | Pair           | 2.5                   | SECTION-B1  | NIS      |
| 17   | MC- JBF-D-2109 | JBF-D-2109 | FGB | FGB    | 7                          | Pair           | 2.5                   | SECTION-B1  | NIS      |

KEY PLAN

[illegible]

(VENDOR TITLE BLOCK)\*\*

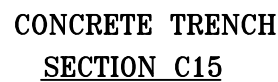


| SECTION NO. |         | COLUMN : 3 |                |            |     |        |                            |                |                       |
|-------------|---------|------------|----------------|------------|-----|--------|----------------------------|----------------|-----------------------|
|             |         | Item       | Cable No.      | From       | To. | System | Qty. OF Pair / Triad/ Core | Conductor Type | Conductor Size ( mm2) |
| DB-B3       | ROW : A | 1          | MC- JBF-D-2114 | JBF-D-2114 | FGS | FGS    | 7                          | Pair           | 2.5                   |

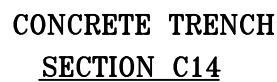
| SECTION NO. |       | COLUMN : 3 |                |            |     |        |                            |                |                       |
|-------------|-------|------------|----------------|------------|-----|--------|----------------------------|----------------|-----------------------|
|             |       | Item       | Cable No.      | From       | To. | System | Qty. OF Pair / Triad/ Core | Conductor Type | Conductor Size ( mm2) |
| DB-B1       | ROW:A | 1          | MC- JBE-D-2101 | JBE-D-2101 | ESD | ESD    | 7                          | Pair           | 1                     |
|             |       | 2          | MC- JBE-D-2102 | JBE-D-2102 | ESD | ESD    | 7                          | Pair           | 1                     |
|             |       | 3          | MC- JBE-D-2103 | JBE-D-2103 | ESD | ESD    | 7                          | Pair           | 1                     |
|             |       | 4          | MC- JBF-D-2113 | JBF-D-2113 | FGS | FGS    | 7                          | Pair           | 2.5                   |
|             |       | 5          | MC- JBF-D-2114 | JBF-D-2114 | FGS | FGS    | 7                          | Pair           | 2.5                   |

| SECTION NO. |         | COLUMN : 3 |                |            |     |        |                            |                |                       |
|-------------|---------|------------|----------------|------------|-----|--------|----------------------------|----------------|-----------------------|
|             |         | Item       | Cable No.      | From       | To. | System | Qty. OF Pair / Triad/ Core | Conductor Type | Conductor Size ( mm2) |
| DB-B2       | ROW : A | 1          | MC- JBE-D-2103 | JBE-D-2103 | ESD | ESD    | 7                          | Pair           | 1                     |
|             |         | 2          | MC- JBF-D-2114 | JBF-D-2114 | FGS | FGS    | 7                          | Pair           | 2.5                   |

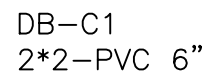
(VENDOR TITLE BLOCK)\*\*



| item | Cable No.      | From       | To. | System | Qty. Of Pair<br>/12s/ Core | Conductor<br>Type | Conductor<br>Size (mm2) | SECTION NO. | IS / NIS |
|------|----------------|------------|-----|--------|----------------------------|-------------------|-------------------------|-------------|----------|
| 1    | MC- JBD-A-2111 | JBD-A-2111 | DCS | DCS    | 12                         | Pair              | 1                       | SECTION-C15 | IS       |
| 2    | MC- JBF-D-2104 | JBF-D-2104 | FGS | FGS    | 7                          | Pair              | 1                       | SECTION-C15 | NIS      |
| 3    | MC- JBF-D-2112 | JBF-D-2112 | FGS | FGS    | 7                          | Pair              | 2.5                     | SECTION-C15 | NIS      |
| 4    | MC- JBF-D-2115 | JBF-D-2115 | FGS | FGS    | 7                          | Pair              | 2.5                     | SECTION-C15 | NIS      |

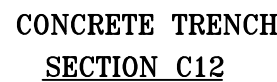


|   |               |            |     |     |    |       |     |             |     |
|---|---------------|------------|-----|-----|----|-------|-----|-------------|-----|
| 1 | MC-JBDA-A2107 | JBD-A-2107 | DCS | DCS | 12 | Pair  | 1   | SECTION C16 | IS  |
| 2 | MC-JBD-D-2106 | JBD-D-2106 | DCS | DCS | 19 | Pair  | 1   | SECTION C14 | NIS |
| 3 | MC-JBD-S-2104 | JBD-S-2104 | DCS | DCS | 7  | Pair  | 2.5 | SECTION C14 | NIS |
| 4 | MC-JBE-S-2106 | JBE-S-2106 | ESD | ESD | 12 | Pair  | 2.5 | SECTION C14 | NIS |
| 5 | MC-JBF-A-2110 | JBF-A-2110 | FGS | FGS | 12 | Triad | 1   | SECTION C14 | IS  |
| 6 | MC-JBF-D-2103 | JBF-D-2103 | FGS | FGS | 7  | Pair  | 1   | SECTION C14 | NIS |

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|    |                    |                 |     |     |    |       |     |             |     |
|----|--------------------|-----------------|-----|-----|----|-------|-----|-------------|-----|
| 1  | MC- JBD-A-2111     | JBD-A-2111      | DCS | DCS | 12 | Pair  | 1   | SECTION-C13 | IS  |
| 2  | MC- JBF-D-2104     | JBF-D-2104      | FGS | FGS | 7  | Pair  | 1   | SECTION-C13 | NIS |
| 3  | MC- JBF-D-2112     | JBF-D-2112      | FGS | FGS | 7  | Pair  | 2.5 | SECTION-C13 | NIS |
| 4  | MC- JBF-D-2115     | JBF-D-2115      | FGS | FGS | 7  | Pair  | 2.5 | SECTION-C13 | NIS |
| 5  | MC- JBD-A-2107     | JBD-A-2107      | DCS | DCS | 12 | Pair  | 1   | SECTION-C13 | IS  |
| 6  | MC- JBD-D-2106     | JBD-D-2106      | DCS | DCS | 19 | Pair  | 1   | SECTION-C13 | NIS |
| 7  | MC- JBD-S-2104     | JBD-S-2104      | DCS | DCS | 7  | Pair  | 2.5 | SECTION-C13 | NIS |
| 8  | MC- JBE-S-2106     | JBE-S-2106      | ESD | ESD | 12 | Pair  | 2.5 | SECTION-C13 | NIS |
| 9  | MC- JBF-A-2110     | JBF-A-2110      | FGS | FGS | 12 | Triad | 1   | SECTION-C13 | IS  |
| 10 | MC- JBF-D-2103     | JBF-D-2103      | FGS | FGS | 7  | Pair  | 1   | SECTION-C13 | NIS |
| 11 | MC- Dehydration-1  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 12 | MC- Dehydration-2  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 13 | MC- Dehydration-3  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 14 | MC- Dehydration-4  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 15 | MC- Dehydration-5  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 16 | MC- Dehydration-6  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 17 | MC- Dehydration-7  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 18 | MC- Dehydration-8  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | IS  |
| 19 | MC- Dehydration-9  | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | NIS |
| 20 | MC- Dehydration-10 | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | NIS |
| 21 | MC- Dehydration-11 | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | NIS |
| 22 | MC- Dehydration-12 | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | NIS |
| 23 | MC- Dehydration-13 | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | NIS |
| 24 | MC- Dehydration-14 | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | NIS |
| 25 | MC- Dehydration-15 | UCP-2101(FIELD) | UCP | UCP | 19 | Pair  | 1   | SECTION-C13 | NIS |



|    |    |            |              |       |     |    |       |   |             |     |
|----|----|------------|--------------|-------|-----|----|-------|---|-------------|-----|
| 1  | MC | JBF-A-2107 | JBF-A-2107   | FGS   | FGS | 12 | Triad | 1 | SECTION C12 | IS  |
| 2  | MC | JBU-A-2103 | JBU-A-2103   | UCP   | UCP | 18 | Pair  | 1 | SECTION C12 | IS  |
| 3  | MC | Comp. C-1  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 4  | MC | Comp. C-2  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 5  | MC | Comp. C-3  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 6  | MC | Comp. C-4  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 7  | MC | Comp. C-5  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 8  | MC | Comp. C-6  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 9  | MC | Comp. C-7  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 10 | MC | Comp. C-8  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | IS  |
| 11 | MC | Comp. C-9  | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | NBS |
| 12 | MC | Comp. C-10 | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | NBS |
| 13 | MC | Comp. C-11 | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | NBS |
| 14 | MC | Comp. C-12 | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | NBS |
| 15 | MC | Comp. C-13 | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | NBS |
| 16 | MC | Comp. C-14 | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | NBS |
| 17 | MC | Comp. C-15 | UCP (CFIELD) | UCP-C | UCP | 19 | Pair  | 1 | SECTION C12 | NBS |

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**TOTALLY REVISED**

## NOTES

1- ALL DIMENSIONS ARE IN MILLIMETER

### LEGEND

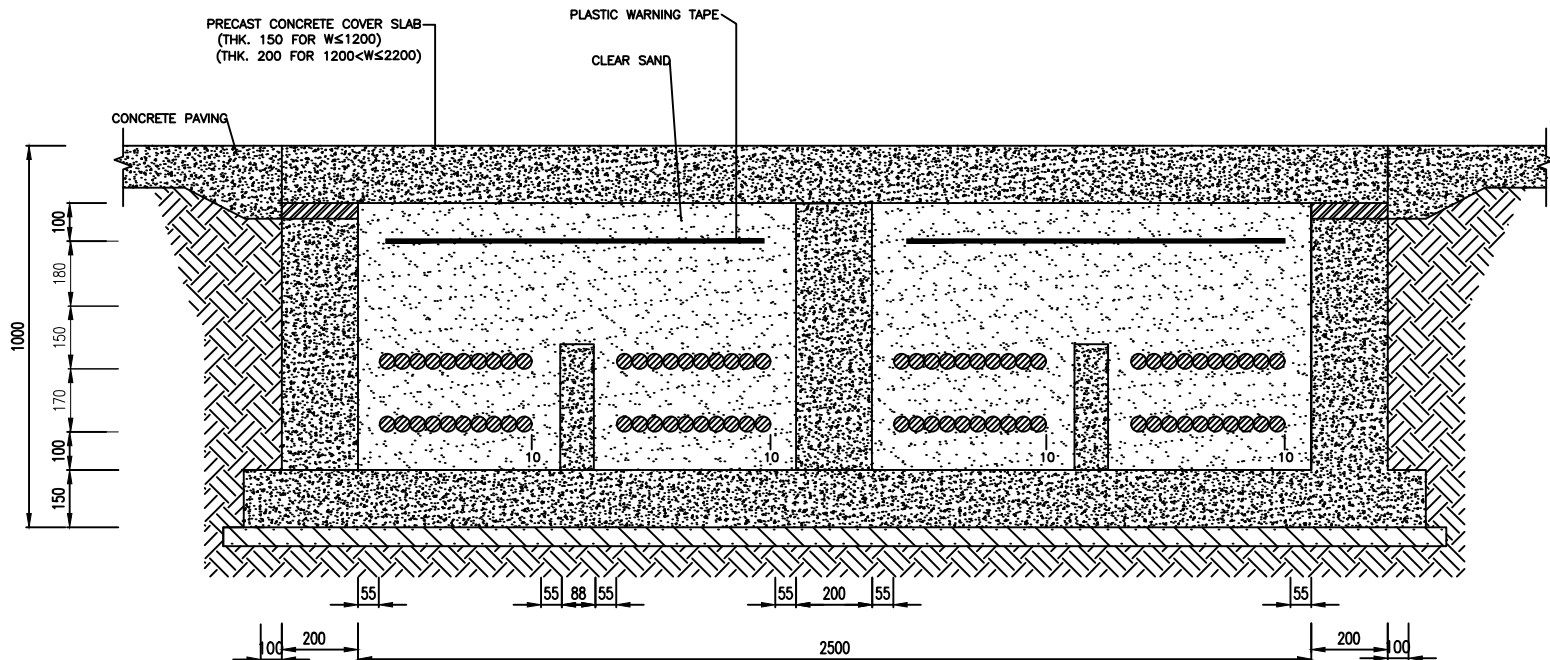
| REFERENCE DRAWING           | DRG. No.                                             |
|-----------------------------|------------------------------------------------------|
| BK-GCS-PEDCO-120-PI-PY-0001 | UNIT PLOT PLAN DRAWING                               |
| BK-GCS-PEDCO-120-IN-DG-0008 | INSTRUMENT & FAG JUNCTION BOX<br>TERMINATION DIAGRAM |
| BK-GCS-PEDCO-120-IN-PY-0003 | INSTRUMENT LOCATION LAYOUT                           |

## KEY PLAN

| Item | Cable No.          | From            | To.   | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) | SECTION NO. | IS / NIS |
|------|--------------------|-----------------|-------|--------|----------------------------|----------------|----------------------|-------------|----------|
| 1    | MC- JBD-A-2111     | JBD-A-2111      | DCS   | DCS    | 12                         | Pair           | 1                    | SECTION-C3  | IS       |
| 2    | MC- JBF-D-2104     | JBF-D-2104      | FGS   | FGS    | 7                          | Pair           | 1                    | SECTION-C3  | NIS      |
| 3    | MC- JBF-D-2112     | JBF-D-2112      | FGS   | FGS    | 7                          | Pair           | 2.5                  | SECTION-C3  | NIS      |
| 4    | MC- JBF-D-2115     | JBF-D-2115      | FGS   | FGS    | 7                          | Pair           | 2.5                  | SECTION-C3  | NIS      |
| 5    | MC- JBD-A-2107     | JBD-A-2107      | DCS   | DCS    | 12                         | Pair           | 1                    | SECTION-C3  | IS       |
| 6    | MC- JBD-D-2106     | JBD-D-2106      | DCS   | DCS    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 7    | MC- JBD-S-2104     | JBD-S-2104      | DCS   | DCS    | 7                          | Pair           | 2.5                  | SECTION-C3  | NIS      |
| 8    | MC- JBE-S-2106     | JBE-S-2106      | ESD   | ESD    | 12                         | Pair           | 2.5                  | SECTION-C3  | NIS      |
| 9    | MC- JBF-A-2110     | JBF-A-2110      | FGS   | FGS    | 12                         | Triad          | 1                    | SECTION-C3  | IS       |
| 10   | MC- JBF-D-2103     | JBF-D-2103      | FGS   | FGS    | 7                          | Pair           | 1                    | SECTION-C3  | NIS      |
| 11   | MC- Dehydration-1  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 12   | MC- Dehydration-2  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 13   | MC- Dehydration-3  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 14   | MC- Dehydration-4  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 15   | MC- Dehydration-5  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 16   | MC- Dehydration-6  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 17   | MC- Dehydration-7  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 18   | MC- Dehydration-8  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 19   | MC- Dehydration-9  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 20   | MC- Dehydration-10 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 21   | MC- Dehydration-11 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 22   | MC- Dehydration-12 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 23   | MC- Dehydration-13 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 24   | MC- Dehydration-14 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 25   | MC- Dehydration-15 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 26   | MC- JBF-A-2107     | JBF-A-2107      | FGS   | FGS    | 12                         | Triad          | 1                    | SECTION-C3  | IS       |
| 27   | MC- JBU-A-2103     | JBU-A-2103      | UCP   | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 28   | MC- Comp. C-1      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 29   | MC- Comp. C-2      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 30   | MC- Comp. C-3      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 31   | MC- Comp. C-4      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 32   | MC- Comp. C-5      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 33   | MC- Comp. C-6      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 34   | MC- Comp. C-7      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 35   | MC- Comp. C-8      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | IS       |
| 36   | MC- Comp. C-9      | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 37   | MC- Comp. C-10     | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 38   | MC- Comp. C-11     | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 39   | MC- Comp. C-12     | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |
| 40   | MC- Comp. C-13     | UCP-(CFIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | SECTION-C3  | NIS      |

|    |    |            |            |       |     |      |       |     |            |     |
|----|----|------------|------------|-------|-----|------|-------|-----|------------|-----|
| 41 | MC | Comp. C-14 | UCP-C(14)U | UCP-C | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 42 | MC | Comp. C-15 | UCP-C(15)U | UCP-C | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 43 | MC | JBD-A-2106 | JBD-A-2106 | DCS   | DCS | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 44 | MC | JBD-D-2105 | JBD-D-2105 | DCS   | DCS | HOLD | Pair  | 1   | SECTION-C3 | NIS |
| 45 | MC | JBD-S-2103 | JBD-S-2103 | DCS   | DCS | 7    | Pair  | 2.5 | SECTION-C3 | NIS |
| 46 | MC | JBE-A-2104 | JBE-A-2104 | ESD   | ESD | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 47 | MC | JBE-S-2105 | JBE-S-2105 | ESD   | ESD | 12   | Pair  | 2.5 | SECTION-C3 | NIS |
| 48 | MC | JBF-A-2108 | JBF-A-2108 | FGS   | FGS | 12   | Triad | 1   | SECTION-C3 | IS  |
| 49 | MC | JBU-D-2103 | JBU-D-2103 | UCP   | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 50 | MC | JBU-S-2103 | JBU-S-2103 | UCP   | UCP | 7    | Pair  | 2.5 | SECTION-C3 | NIS |
| 51 | MC | JBF-A-2105 | JBF-A-2105 | FGS   | FGS | 12   | Triad | 1   | SECTION-C3 | IS  |
| 52 | MC | JBU-A-2102 | JBU-A-2102 | UCP   | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 53 | MC | Comp. B-1  | UCP-B(1)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 54 | MC | Comp. B-2  | UCP-B(2)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 55 | MC | Comp. B-3  | UCP-B(3)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 56 | MC | Comp. B-4  | UCP-B(4)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 57 | MC | Comp. B-5  | UCP-B(5)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 58 | MC | Comp. B-6  | UCP-B(6)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 59 | MC | Comp. B-7  | UCP-B(7)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 60 | MC | Comp. B-8  | UCP-B(8)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 61 | MC | Comp. B-9  | UCP-B(9)U  | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 62 | MC | Comp. B-10 | UCP-B(10)U | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 63 | MC | Comp. B-11 | UCP-B(11)U | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 64 | MC | Comp. B-12 | UCP-B(12)U | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 65 | MC | Comp. B-13 | UCP-B(13)U | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 66 | MC | Comp. B-14 | UCP-B(14)U | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 67 | MC | Comp. B-15 | UCP-B(15)U | UCP-B | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 68 | MC | JBD-A-2105 | JBD-A-2105 | DCS   | DCS | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 69 | MC | JBD-D-2104 | JBD-D-2104 | DCS   | DCS | HOLD | Pair  | 1   | SECTION-C3 | NIS |
| 70 | MC | JBD-S-2102 | JBD-S-2102 | DCS   | DCS | 7    | Pair  | 2.5 | SECTION-C3 | NIS |
| 71 | MC | JBE-A-2103 | JBE-A-2103 | ESD   | ESD | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 72 | MC | JBE-S-2104 | JBE-S-2104 | ESD   | ESD | 12   | Pair  | 2.5 | SECTION-C3 | NIS |
| 73 | MC | JBF-A-2106 | JBF-A-2106 | FGS   | FGS | 12   | Triad | 1   | SECTION-C3 | IS  |
| 74 | MC | JBU-D-2102 | JBU-D-2102 | UCP   | UCP | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 75 | MC | JBU-S-2102 | JBU-S-2102 | UCP   | UCP | 7    | Pair  | 2.5 | SECTION-C3 | NIS |
| 76 | MC | JBF-A-2103 | JBF-A-2103 | FGS   | FGS | 12   | Triad | 1   | SECTION-C3 | IS  |
| 77 | MC | JBF-D-2102 | JBF-D-2102 | FGS   | FGS | 7    | Pair  | 1   | SECTION-C3 | NIS |
| 78 | MC | JBU-A-2101 | JBU-A-2101 | UCP   | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 79 | MC | Comp. A-1  | UCP-A(1)U  | UCP-A | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 80 | MC | Comp. A-2  | UCP-A(2)U  | UCP-A | UCP | 19   | Pair  | 1   | SECTION-C3 | IS  |

|     |    |             |             |       |      |      |       |     |            |     |
|-----|----|-------------|-------------|-------|------|------|-------|-----|------------|-----|
| 81  | MC | Comp. A-3   | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 82  | MC | Comp. A-4   | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 83  | MC | Comp. A-5   | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 84  | MC | Comp. A-6   | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 85  | MC | Comp. A-7   | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 86  | MC | Comp. A-8   | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 87  | MC | Comp. A-9   | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 88  | MC | Comp. A-10  | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 89  | MC | Comp. A-11  | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 90  | MC | Comp. A-12  | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 91  | MC | Comp. A-13  | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 92  | MC | Comp. A-14  | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 93  | MC | Comp. A-15  | UCP-A9(ELD) | UCP-A | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 94  | MC | JBD-A-2104  | JBD-A-2104  | DCS   | DC-S | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 95  | MC | JBD-D-2103  | JBD-D-2103  | DCS   | DCS  | HOLD | Pair  | 1   | SECTION-C3 | NIS |
| 96  | MC | JBD-S-2101  | JBD-S-2101  | DCS   | DCS  | 7    | Pair  | 2.5 | SECTION-C3 | NIS |
| 97  | MC | JBE-A-2102  | JBE-A-2102  | ESD   | ESD  | 19   | Pair  | 1   | SECTION-C3 | IS  |
| 98  | MC | JBE-S-2103  | JBE-S-2103  | ESD   | ESD  | 12   | Pair  | 2.5 | SECTION-C3 | NIS |
| 99  | MC | JBF-A-2104  | JBF-A-2104  | FGS   | FGS  | 12   | Triad | 1   | SECTION-C3 | IS  |
| 100 | MC | JBU-D-2101  | JBU-D-2101  | UCP   | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 101 | MC | JBU-S-2101  | JBU-S-2101  | UCP   | UCP  | 7    | Pair  | 2.5 | SECTION-C3 | NIS |
| 102 | MC | LCP-PK-2207 | LCP-PK-2207 | UCP   | UCP  | 19   | Pair  | 1   | SECTION-C3 | NIS |
| 103 | MC | JBF-A-2102  | JBF-A-2102  | FGS   | FGS  | 12   | Triad | 1   | SECTION-C3 | IS  |
| 104 | MC | JBF-D-2110  | JBF-D-2110  | FGS   | FGS  | 7    | Pair  | 2.5 | SECTION-C3 | NIS |
| 105 | MC | JBF-D-2111  | JBF-D-2111  | FGS   | FGS  | 7    | Pair  | 2.5 | SECTION-C3 | NIS |



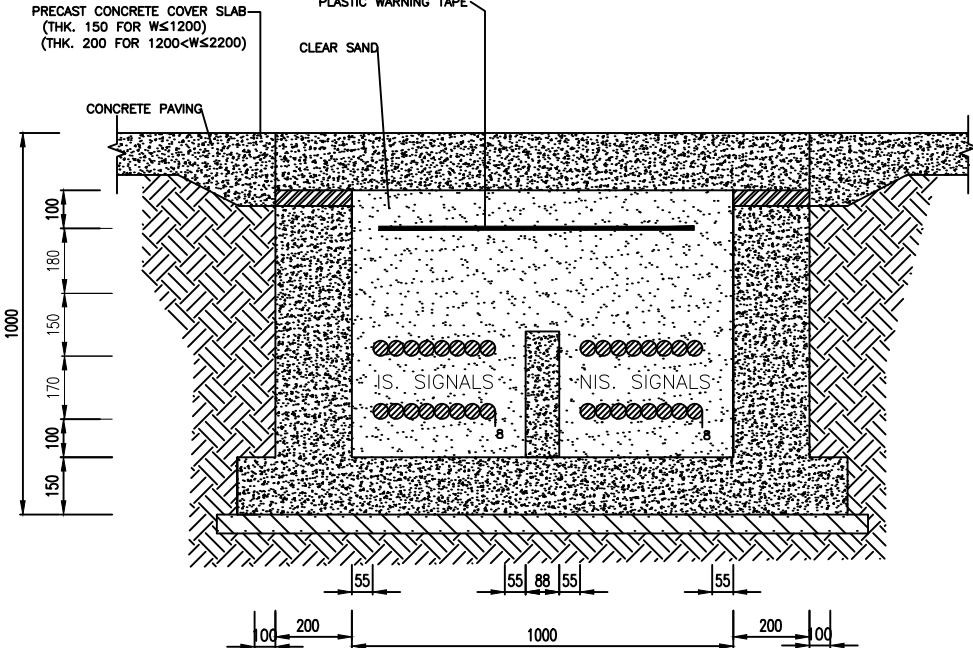
## CONCRETE TRENCH

### SECTION C3

[illegible]



**TOTALLY REVISED**

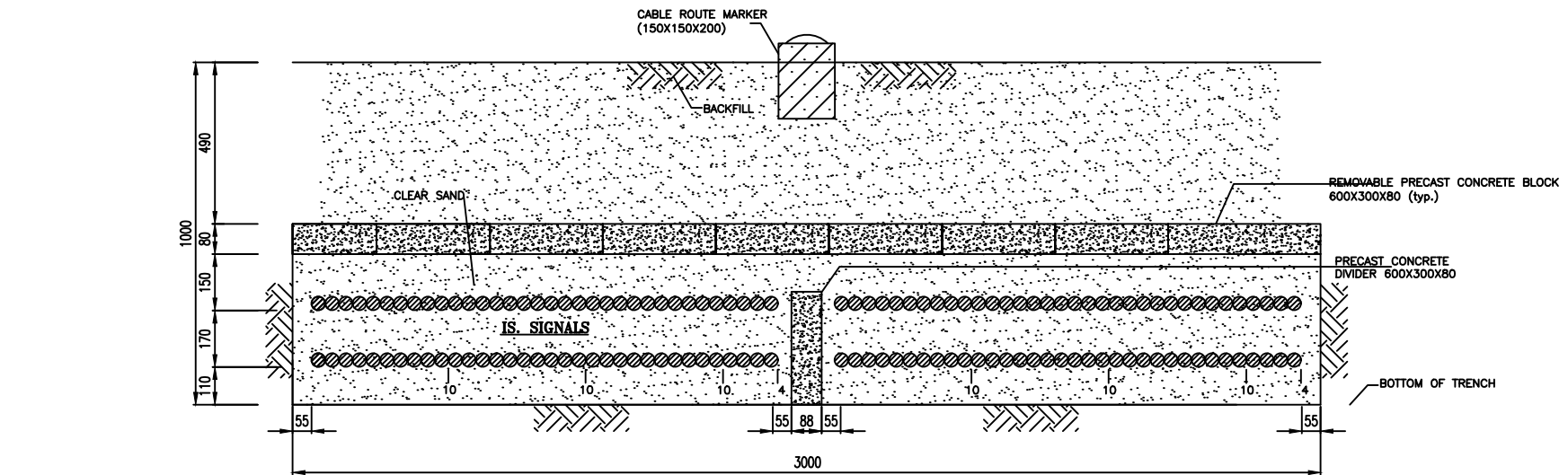


**CONCRETE TRENCH**  
**SECTION C2**

| Item | Cable No.      | From       | To. | System | Qty. Of Pair / Triad Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) | SECTION NO. | IS / NIS |
|------|----------------|------------|-----|--------|---------------------------|----------------|-----------------------------------|-------------|----------|
| 1    | MC- JBD-A-2102 | JBD-A-2102 | DCS | DCS    | 12                        | Pair           | 1                                 | SECTION C2  | IS       |
| 2    | MC- JBD-A-2103 | JBD-A-2103 | DCS | DCS    | 19                        | Pair           | 1                                 | SECTION C2  | IS       |
| 3    | MC- JBD-D-2102 | JBD-D-2102 | DCS | DCS    | 19                        | Pair           | 1                                 | SECTION C2  | NIS      |
| 4    | MC- JBE-A-2101 | JBE-A-2101 | ESD | ESD    | 19                        | Pair           | 1                                 | SECTION C2  | IS       |
| 5    | MC- JBE-S-2102 | JBE-S-2102 | ESD | ESD    | 12                        | Pair           | 2.5                               | SECTION C2  | NIS      |
| 6    | MC- JBF-A-2101 | JBF-A-2101 | FGS | FGS    | 12                        | Triad          | 1                                 | SECTION C2  | IS       |
| 7    | MC- JBF-A-2102 | JBF-A-2102 | FGS | FGS    | 12                        | Triad          | 1                                 | SECTION C2  | IS       |
| 8    | MC- JBF-D-2101 | JBF-D-2101 | FGS | FGS    | 7                         | Pair           | 1                                 | SECTION C2  | NIS      |

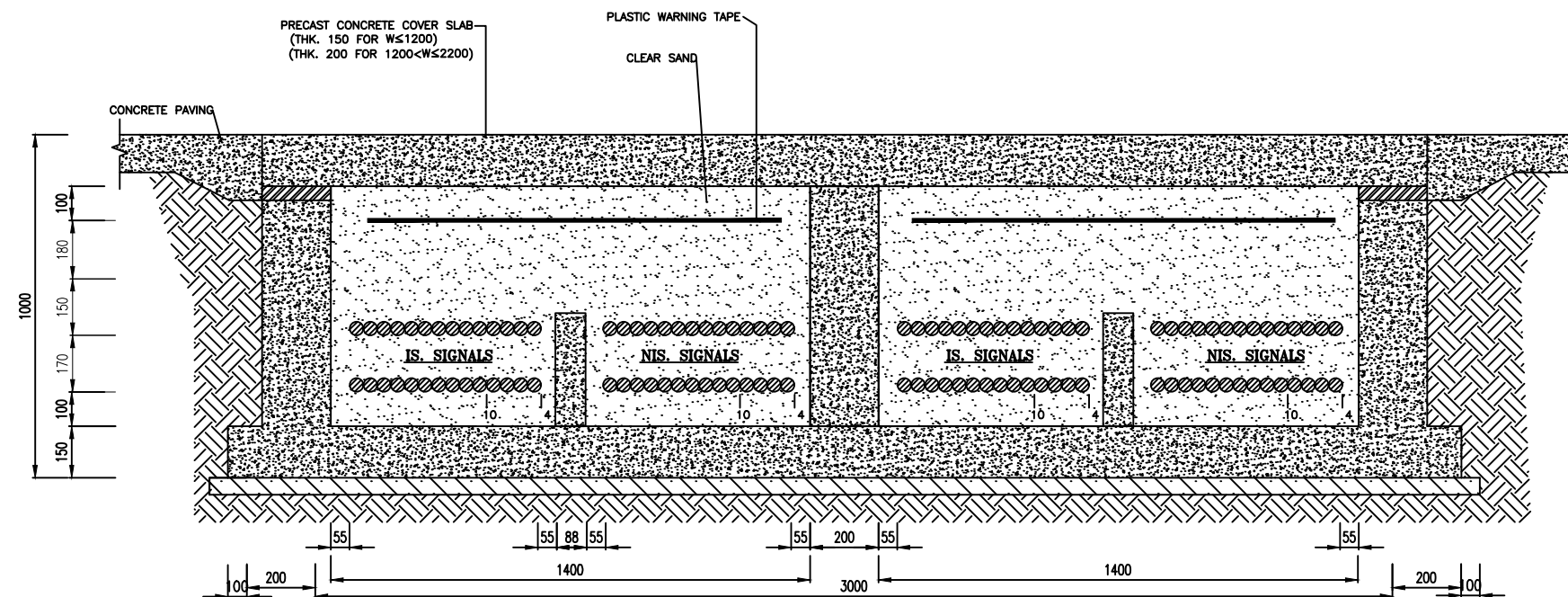
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D02  
TOTALLY REVISED



BURIED CABLE TRENCH

SECTION C1A



CONCRETE TRENCH

SECTION C1B

NOTES

1- ALL DIMENSIONS ARE IN MILLIMETER.

LEGEND

| REFERENCE DRAWING           | DRG. No.                                          |
|-----------------------------|---------------------------------------------------|
| BK-GCS-PEDCO-120-PI-PY-0001 | UNIT PLOT PLAN DRAWING                            |
| BK-GCS-PEDCO-120-IN-DG-0008 | INSTRUMENT & P&G JUNCTION BOX TERMINATION DIAGRAM |
| BK-GCS-PEDCO-120-IN-PY-0003 | INSTRUMENT LOCATION LAYOUT                        |

KEY PLAN

|                                                                                    |           |                             |               |             |              |               |                                                                                                                                                                                                                 |             |            |            |              |          |
|------------------------------------------------------------------------------------|-----------|-----------------------------|---------------|-------------|--------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|--------------|----------|
| D02                                                                                | AUG.2023  | APC                         | P.Hajmoadeghi | M.PAKHARIAN | A.M.MOHSSENI | ** **         | ***                                                                                                                                                                                                             | *****       | ** **      | *** ****   | ** **        | *** **** |
| D01                                                                                | JULY.2022 | IPA                         | P.Hajmoadeghi | M.PAKHARIAN | M.MEHRSHAD   | ** **         | REV.                                                                                                                                                                                                            | DESCRIPTION | BY         | DATE       | BY           | DATE     |
| D00                                                                                | JAN.2022  | IPC                         | P.Hajmoadeghi | M.PAKHARIAN | M.MEHRSHAD   | ** **         |                                                                                                                                                                                                                 |             | CHECKED    |            | REV.         | APPR.    |
| REV.                                                                               | DATE      | P.O.I.S                     | PREP.         | CHK.        | APP.         | AUT.          | اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.<br>THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS |             |            |            |              |          |
| PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION |           |                             |               |             |              |               | BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION                                                                                                                                            |             |            |            |              |          |
| PROJECT NO.: 971020                                                                |           |                             |               |             |              |               | DATE                                                                                                                                                                                                            | SCALE       | DRAWING BY | CHECKED BY | PROJECT ENG. |          |
| EPC CONTRACTOR: HIRGAN ENERGY                                                      |           |                             |               |             |              |               | NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED                                                                                                                                                               |             |            |            |              |          |
| EPD/EPC CONTRACTOR (GC): PETROIRAN DEVELOPMENT COMPANY                             |           |                             |               |             |              |               | APPROVED FOR CONSTRUCTION                                                                                                                                                                                       |             |            |            |              |          |
| DRAWING TITLE: INSTRUMENT/P&G CABLE TRENCH/ROUTE LAYOUT DRAWING                    |           |                             |               |             |              |               | BY: DATE:                                                                                                                                                                                                       |             |            |            |              |          |
| SCALE                                                                              | SIZE      | DRAWING NO.                 |               | SHEET NO.   | REV.         | BUDGET REF.   | LOCATION                                                                                                                                                                                                        | SIZE        | CLASS      | SERIAL NO. | SHEET        | REVISION |
| N.T.S                                                                              | A3        | BK-GCS-PEDCO-120-IN-PY-0004 |               | 14 OF 34    | D02          | 9-53-073-9184 | F                                                                                                                                                                                                               | 2           | J          | 708959     | 34           | D02      |

**D02**  
TOTALLY REVISED

|    |     |               |                 |       |     |    |      |   |
|----|-----|---------------|-----------------|-------|-----|----|------|---|
| 31 | MC- | Comp. A-8     | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 32 | MC- | Comp. B-1     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 33 | MC- | Comp. B-2     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 34 | MC- | Comp. B-3     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 35 | MC- | Comp. B-4     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 36 | MC- | Comp. B-5     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 37 | MC- | Comp. B-6     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 38 | MC- | Comp. B-7     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 39 | MC- | Comp. B-8     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 40 | MC- | Comp. C-1     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 41 | MC- | Comp. C-2     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 42 | MC- | Comp. C-3     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 43 | MC- | Comp. C-4     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 44 | MC- | Comp. C-5     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 45 | MC- | Comp. C-6     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 46 | MC- | Comp. C-7     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 47 | MC- | Comp. C-8     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 48 | MC- | Dehydration-1 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 49 | MC- | Dehydration-2 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 50 | MC- | Dehydration-3 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 51 | MC- | Dehydration-4 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 52 | MC- | Dehydration-5 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 53 | MC- | Dehydration-6 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 54 | MC- | Dehydration-7 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 55 | MC- | Dehydration-8 | UCP-2101(FIELD) | UCP   | UCP | 19 | Pair | 1 |

| Item | Cable No.       | From        | To. | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) |
|------|-----------------|-------------|-----|--------|----------------------------|----------------|----------------------|
| 1    | MC- JBD-D-2102  | JBD-D-2102  | DCS | DCS    | 19                         | Pair           | 1                    |
| 2    | MC- JBD-D-2102  | JBD-D-2103  | DCS | DCS    | HOLD                       | Pair           | 1                    |
| 3    | MC- JBD-D-2104  | JBD-D-2104  | DCS | DCS    | HOLD                       | Pair           | 1                    |
| 4    | MC- JBD-D-2105  | JBD-D-2105  | DCS | DCS    | HOLD                       | Pair           | 1                    |
| 5    | MC- JBD-D-2106  | JBD-D-2106  | DCS | DCS    | 19                         | Pair           | 1                    |
| 6    | MC- JBD-S-2101  | JBD-S-2101  | DCS | DCS    | 7                          | Pair           | 2.5                  |
| 7    | MC- JBD-S-2102  | JBD-S-2102  | DCS | DCS    | 7                          | Pair           | 2.5                  |
| 8    | MC- JBD-S-2103  | JBD-S-2103  | DCS | DCS    | 7                          | Pair           | 2.5                  |
| 9    | MC- JBD-S-2104  | JBD-S-2104  | DCS | DCS    | 7                          | Pair           | 2.5                  |
| 10   | MC- LCP-PK-2207 | LCP-PK-2207 | DCS | DCS    | 19                         | Pair           | 1                    |
| 11   | MC- JBE-S-2102  | JBE-S-2102  | ESD | ESD    | 12                         | Pair           | 2.5                  |
| 12   | MC- JBE-S-2103  | JBE-S-2103  | ESD | ESD    | 12                         | Pair           | 2.5                  |
| 13   | MC- JBE-S-2104  | JBE-S-2104  | ESD | ESD    | 12                         | Pair           | 2.5                  |
| 14   | MC- JBE-S-2105  | JBE-S-2105  | ESD | ESD    | 12                         | Pair           | 2.5                  |
| 15   | MC- JBE-S-2106  | JBE-S-2106  | ESD | ESD    | 12                         | Pair           | 2.5                  |
| 16   | MC- JBF-D-2101  | JBF-D-2101  | FQS | FQS    | 7                          | Pair           | 1                    |
| 17   | MC- JBF-D-2102  | JBF-D-2102  | FQS | FQS    | 7                          | Pair           | 1                    |
| 18   | MC- JBF-D-2103  | JBF-D-2103  | FQS | FQS    | 7                          | Pair           | 1                    |
| 19   | MC- JBF-D-2104  | JBF-D-2104  | FQS | FQS    | 7                          | Pair           | 1                    |
| 20   | MC- JBF-D-2110  | JBF-D-2110  | FQS | FQS    | 7                          | Pair           | 2.5                  |
| 21   | MC- JBF-D-2111  | JBF-D-2111  | FQS | FQS    | 7                          | Pair           | 2.5                  |
| 22   | MC- JBF-D-2112  | JBF-D-2112  | FQS | FQS    | 7                          | Pair           | 2.5                  |
| 23   | MC- JBF-D-2115  | JBF-D-2115  | FQS | FQS    | 7                          | Pair           | 2.5                  |
| 24   | MC- JBU-D-2101  | JBU-D-2101  | UCP | UCP    | 19                         | Pair           | 1                    |
| 25   | MC- JBU-D-2102  | JBU-D-2102  | UCP | UCP    | 19                         | Pair           | 1                    |
| 26   | MC- JBU-D-2103  | JBU-D-2103  | UCP | UCP    | 19                         | Pair           | 1                    |
| 27   | MC- JBU-S-2101  | JBU-S-2101  | UCP | UCP    | 7                          | Pair           | 2.5                  |
| 28   | MC- JBU-S-2102  | JBU-S-2102  | UCP | UCP    | 7                          | Pair           | 2.5                  |
| 29   | MC- JBU-S-2103  | JBU-S-2103  | UCP | UCP    | 7                          | Pair           | 2.5                  |
| 30   | IC- ESD-PK-2207 | ESD-PK-2207 | ESD | ESD    | 1                          | PAIR           | 1.5                  |

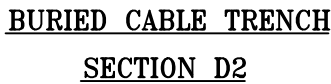
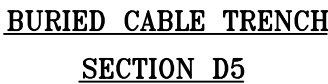
|    |                   |                 |       |     |    |      |   |
|----|-------------------|-----------------|-------|-----|----|------|---|
| 31 | MC-Comp. A-9      | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 32 | MC-Comp. A-10     | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 33 | MC-Comp. A-11     | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 34 | MC-Comp. A-12     | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 35 | MC-Comp. A-13     | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 36 | MC-Comp. A-14     | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 37 | MC-Comp. A-15     | UCP-A(FIELD)    | UCP-A | UCP | 19 | Pair | 1 |
| 38 | MC-Comp. B-9      | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 39 | MC-Comp. B-10     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 40 | MC-Comp. B-11     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 41 | MC-Comp. B-12     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 42 | MC-Comp. B-13     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 43 | MC-Comp. B-14     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 44 | MC-Comp. B-15     | UCP-B(FIELD)    | UCP-B | UCP | 19 | Pair | 1 |
| 45 | MC-Comp. C-9      | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 46 | MC-Comp. C-10     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 47 | MC-Comp. C-11     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 48 | MC-Comp. C-12     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 49 | MC-Comp. C-13     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 50 | MC-Comp. C-14     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 51 | MC-Comp. C-15     | UCP-C(FIELD)    | UCP-C | UCP | 19 | Pair | 1 |
| 52 | MC-Dehydration-9  | UCP-210I(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 53 | MC-Dehydration-10 | UCP-210I(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 54 | MC-Dehydration-11 | UCP-210I(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 55 | MC-Dehydration-12 | UCP-210I(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 56 | MC-Dehydration-13 | UCP-210I(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 57 | MC-Dehydration-14 | UCP-210I(FIELD) | UCP   | UCP | 19 | Pair | 1 |
| 58 | MC-Dehydration-15 | UCP-210I(FIELD) | UCP   | UCP | 19 | Pair | 1 |

### **NOTES**

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| REFERENCE DRAWING           | DRG. No.                                             |
|-----------------------------|------------------------------------------------------|
| BK-GCS-PEDCO-120-PI-PY-0001 | UNIT PLOT PLAN DRAWING                               |
| BK-GCS-PEDCO-120-IN-DG-0008 | INSTRUMENT & F&G JUNCTION BOX<br>TERMINATION DIAGRAM |
| BK-GCS-PEDCO-120-IN-PY-0003 | INSTRUMENT LOCATION LAYOUT                           |

[illegible]



| Item | Cable No.      | From        | To. | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) | SECTION NO. | IS / NIS |
|------|----------------|-------------|-----|--------|----------------------------|----------------|----------------------|-------------|----------|
| 1    | MC- JBD-A-2110 | JBD-A-2110  | DCS | DCS    | 12                         | Pair           | 1                    | SECTION D4  | IS       |
| 2    | MC- JBD-D-2107 | JBD-D-2107  | DCS | DCS    | 7                          | Pair           | 2.5                  | SECTION D4  | NIS      |
| 4    | MC- JBF-D-2116 | JBF-D-2116  | FGS | FGS    | 7                          | Pair           | 2.5                  | SECTION D4  | NIS      |
| 5    | MC- P-2301A    | LCP-P-2301A | FGS | FGS    | 7                          | Pair           | 1                    | SECTION D4  | NIS      |
| 6    | MC- P-2301B    | LCP-P-2301B | FGS | FGS    | 7                          | Pair           | 1                    | SECTION D4  | NIS      |
| 7    | MC- P-2302A    | LCP-P-2302A | FGS | FGS    | 7                          | Pair           | 1                    | SECTION D4  | NIS      |
| 8    | MC- P-2302B    | LCP-P-2302B | FGS | FGS    | 7                          | Pair           | 1                    | SECTION D4  | NIS      |

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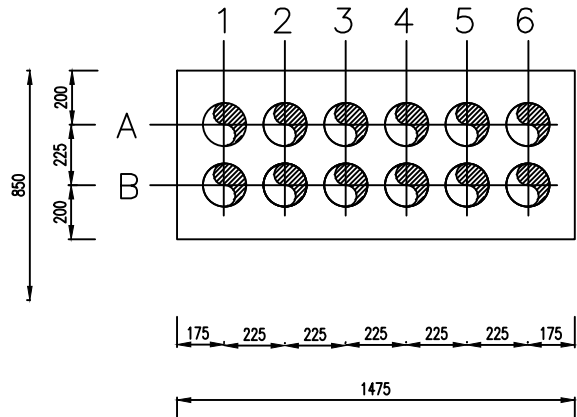




**D02**  
TOTALLY REVISED

| SECTION NO. |       | COLUMN : 1 |                  |            |           |        |                           |                |                      |      |                     | COLUMN : 2 |              |        |                           |                |                      |      |                     |        |              | COLUMN : 3 |                           |                |                      |  |  |  |  |  |  |
|-------------|-------|------------|------------------|------------|-----------|--------|---------------------------|----------------|----------------------|------|---------------------|------------|--------------|--------|---------------------------|----------------|----------------------|------|---------------------|--------|--------------|------------|---------------------------|----------------|----------------------|--|--|--|--|--|--|
|             |       | Item       | Cable No.        | From       | To        | System | Qty. Of Pair /Total/ Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.           | From       | To           | System | Qty. Of Pair /Total/ Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.           | From   | To           | System     | Qty. Of Pair /Total/ Core | Conductor Type | Conductor Size (mm2) |  |  |  |  |  |  |
| DB-03       | ROW A | 1          | MC JE-E-A-2107   | JBE-A-1107 | ESD       | ESD    | 12                        | Pair           | 1                    | 11   | MC Comp. Air-B-2    | (FRED)     | UCP-Air-B    | UCP    | 19                        | Pair           | 1                    | 21   | MC Comp. Nitrogen-6 | (FRED) | UCP-Nitrogen | UCP        | 19                        | Pair           | 1                    |  |  |  |  |  |  |
|             |       | 2          | MC JE-E-S-2107   | JBE-S-2107 | ESD       | ESD    | 12                        | Pair           | 2.5                  | 12   | MC Comp. Air-B-3    | (FRED)     | UCP-Air-B    | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             |       | 3          | MC JE-D-A-2109   | JED-A-2109 | DCS       | DCS    | 12                        | Pair           | 1                    | 13   | MC Comp. Air-B-4    | (FRED)     | UCP-Air-B    | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             |       | 4          | MC Comp. Air-A-1 | (FIELD)    | UCP-Air-A | UCP    | 19                        | Pair           | 1                    | 14   | MC Comp. Air-B-5    | (FRED)     | UCP-Air-B    | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             |       | 5          | MC Comp. Air-A-2 | (FIELD)    | UCP-Air-A | UCP    | 19                        | Pair           | 1                    | 15   | MC Comp. Air-B-6    | (FRED)     | UCP-Air-B    | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             | ROW B | 6          | MC Comp. Air-A-3 | (FIELD)    | UCP-Air-A | UCP    | 19                        | Pair           | 1                    | 16   | MC Comp. Nitrogen-1 | (FRED)     | UCP-Nitrogen | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             |       | 7          | MC Comp. Air-A-4 | (FIELD)    | UCP-Air-A | UCP    | 19                        | Pair           | 1                    | 17   | MC Comp. Nitrogen-2 | (FRED)     | UCP-Nitrogen | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             |       | 8          | MC Comp. Air-A-5 | (FIELD)    | UCP-Air-A | UCP    | 19                        | Pair           | 1                    | 18   | MC Comp. Nitrogen-3 | (FRED)     | UCP-Nitrogen | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             |       | 9          | MC Comp. Air-A-6 | (FIELD)    | UCP-Air-A | UCP    | 19                        | Pair           | 1                    | 19   | MC Comp. Nitrogen-4 | (FRED)     | UCP-Nitrogen | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |
|             |       | 10         | MC Comp. Air-B-1 | (FIELD)    | UCP-Air-B | UCP    | 19                        | Pair           | 1                    | 20   | MC Comp. Nitrogen-5 | (FRED)     | UCP-Nitrogen | UCP    | 19                        | Pair           | 1                    |      |                     |        |              |            |                           |                |                      |  |  |  |  |  |  |

| SECTION NO. |       | COLUMN : 5 |                 |             |            |        |                          |                | COLUMN : 6           |      |                     |        |              |        |                          |                |                      |
|-------------|-------|------------|-----------------|-------------|------------|--------|--------------------------|----------------|----------------------|------|---------------------|--------|--------------|--------|--------------------------|----------------|----------------------|
|             |       | Item       | Cable No.       | From        | To.        | System | Qty of Pair /Triof/ Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.           | From   | To.          | System | Qty of Pair /Triof/ Core | Conductor Type | Conductor Size (mm2) |
| D0 D3       | ROW A | 1          | MC_PK-C-2203A   | DCS         | PK-C-2203A | DCS    | 7                        | Pair           | 1                    | 11   | MC_Comp_Air-A-9     | (FHEU) | UCP-Air-A    | UCP    | 19                       | Pair           | 1                    |
|             |       | 2          | MC_PK-C-2203B   | DCS         | PK-C-2203B | DCS    | 7                        | Pair           | 1                    | 12   | MC_Comp_Air-A-10    | (FHEU) | UCP-Air-A    | UCP    | 19                       | Pair           | 1                    |
|             |       | 3          | MC_LCP-G-2204   | DCS         | LCP-G-2204 | DCS    | 7                        | Pair           | 1                    | 13   | MC_Comp_Air-B-7     | (FHEU) | UCP-Air-B    | UCP    | 19                       | Pair           | 1                    |
|             |       | 4          | MC_LCP-A5-22011 | LCP-A5-2201 | DCS        | DCS    | 12                       | Pair           | 1                    | 14   | MC_Comp_Air-B-8     | (FHEU) | UCP-Air-B    | UCP    | 19                       | Pair           | 1                    |
|             |       | 5          | MC_LCP-A5-22012 | LCP-A5-2201 | DCS        | DCS    | 19                       | Pair           | 1                    | 15   | MC_Comp_Air-B-9     | (FHEU) | UCP-Air-B    | UCP    | 19                       | Pair           | 1                    |
|             | ROWS  | 6          | MC_JBF-D-2105   | JBF-D-2105  | FGS        | FGS    | 7                        | Pair           | 1                    | 16   | MC_Comp_Air-B-10    | (FHEU) | UCP-Air-B    | UCP    | 19                       | Pair           | 1                    |
|             |       | 7          | MC_JBF-D-2117   | JBF-D-2117  | FGS        | FGS    | 7                        | Pair           | 2.5                  | 17   | MC_Comp_Nitrogen-7  | (FHEU) | UCP-Nitrogen | UCP    | 19                       | Pair           | 1                    |
|             |       | 8          | MC_JBU-D-2104   | JBU-D-2104  | UCP        | UCP    | 19                       | Pair           | 1                    | 18   | MC_Comp_Nitrogen-8  | (FHEU) | UCP-Nitrogen | UCP    | 19                       | Pair           | 1                    |
|             |       | 9          | MC_Comp_Air-A-7 | (FHEU)      | UCP-Air-A  | UCP    | 19                       | Pair           | 1                    | 19   | MC_Comp_Nitrogen-9  | (FHEU) | UCP-Nitrogen | UCP    | 19                       | Pair           | 1                    |
|             |       | 10         | MC_Comp_Air-A-8 | (FHEU)      | UCP-Air-A  | UCP    | 19                       | Pair           | 1                    | 20   | MC_Comp_Nitrogen-10 | (FHEU) | UCP-Nitrogen | UCP    | 19                       | Pair           | 1                    |

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**D02**  
**TOTALLY REVISED**

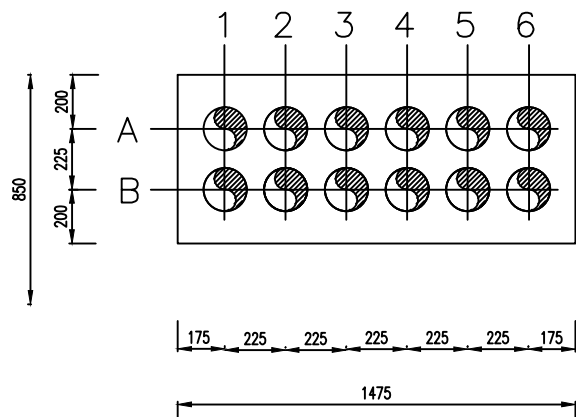
# NIS SIGNALS

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**D02**  
TOTALLY REVISED

| SECTION NO. |       | COLUMN : 1 |                  |             |           |        |                            |                |                                   | COLUMN : 2 |                     |         |              |        |                            |                |                                   | COLUMN : 3 |                     |            |           |        |                            |                |                                   |
|-------------|-------|------------|------------------|-------------|-----------|--------|----------------------------|----------------|-----------------------------------|------------|---------------------|---------|--------------|--------|----------------------------|----------------|-----------------------------------|------------|---------------------|------------|-----------|--------|----------------------------|----------------|-----------------------------------|
|             |       | Item       | Cable No.        | From        | To        | System | Qty. Of Pair / Total/ Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) | Item       | Cable No.           | From    | To           | System | Qty. Of Pair / Total/ Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) | Item       | Cable No.           | From       | To        | System | Qty. Of Pair / Total/ Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) |
| DB-01       | ROW-A | 1          | MC-JBE-A-2107    | JBE-A-2107  | ESD       | ESD    | 12                         | Pair           | 1                                 | 11         | MC-Comp. Air-B-2    | (FIBER) | UCP-Air-B    | UCP    | 19                         | Pair           | 1                                 | 21         | MC-Comp. Nitrogen-B | (FIBER)    | UCP-Air-B | UCP    | 19                         | Pair           | 1                                 |
|             |       | 2          | MC-JBE-S-2107    | JBE-S-2107  | ESD       | ESD    | 12                         | Pair           | 2.5                               | 12         | MC-Comp. Air-B-3    | (FIBER) | UCP-Air-B    | UCP    | 19                         | Pair           | 1                                 | 22         | MC-JSD-A-2110       | JSD-A-2110 | DCS       | DCS    | 12                         | Pair           | 1                                 |
|             |       | 3          | MC-JEDA-A-2109   | JEDA-A-2109 | DCS       | DCS    | 12                         | Pair           | 1                                 | 13         | MC-Comp. Air-B-4    | (FIBER) | UCP-Air-B    | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |
|             |       | 4          | MC-Comp. Air-A-1 | (FIBER)     | UCP-Air-A | UCP    | 19                         | Pair           | 1                                 | 14         | MC-Comp. Air-B-5    | (FIBER) | UCP-Air-B    | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |
|             | ROW-B | 5          | MC-Comp. Air-A-2 | (FIBER)     | UCP-Air-A | UCP    | 19                         | Pair           | 1                                 | 15         | MC-Comp. Air-B-6    | (FIBER) | UCP-Air-B    | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |
|             |       | 6          | MC-Comp. Air-A-3 | (FIBER)     | UCP-Air-A | UCP    | 19                         | Pair           | 1                                 | 16         | MC-Comp. Nitrogen-1 | (FIBER) | UCP-Nitrogen | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |
|             |       | 7          | MC-Comp. Air-A-4 | (FIBER)     | UCP-Air-A | UCP    | 19                         | Pair           | 1                                 | 17         | MC-Comp. Nitrogen-2 | (FIBER) | UCP-Nitrogen | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |
|             |       | 8          | MC-Comp. Air-A-5 | (FIBER)     | UCP-Air-A | UCP    | 19                         | Pair           | 1                                 | 18         | MC-Comp. Nitrogen-3 | (FIBER) | UCP-Nitrogen | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |
|             |       | 9          | MC-Comp. Air-A-6 | (FIBER)     | UCP-Air-A | UCP    | 19                         | Pair           | 1                                 | 19         | MC-Comp. Nitrogen-4 | (FIBER) | UCP-Nitrogen | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |
|             |       | 10         | MC-Comp. Air-B-1 | (FIBER)     | UCP-Air-B | UCP    | 19                         | Pair           | 1                                 | 20         | MC-Comp. Nitrogen-5 | (FIBER) | UCP-Nitrogen | UCP    | 19                         | Pair           | 1                                 |            |                     |            |           |        |                            |                |                                   |

| SECTION NO. |       | COLUMN - 5 |                 |            |            |        |                        |                | COLUMN - 6           |      |                     |         |              |        |                        | COLUMN - 6     |                      |      |               |               |       |        |                        |                |                      |
|-------------|-------|------------|-----------------|------------|------------|--------|------------------------|----------------|----------------------|------|---------------------|---------|--------------|--------|------------------------|----------------|----------------------|------|---------------|---------------|-------|--------|------------------------|----------------|----------------------|
|             |       | Item       | Cable No.       | From       | To         | System | Qty Of Pair /Twd/ Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.           | From    | To           | System | Qty Of Pair /Twd/ Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.     | From          | To    | System | Qty Of Pair /Twd/ Core | Conductor Type | Conductor Size (mm2) |
| DB-D1       | ROW-A | 1          | MC_PK-C-2208A   | DCS        | PK-C-2203A | DCS    | 7                      | Pair           | 1                    | 11   | MC_Comp_Air-A-9     | (FIELD) | UCP-Air-A    | UCP    | 19                     | Pair           | 1                    | 21   | MC_JBD-D-2107 | JBD-D-2107    | DCS   | DCS    | 7                      | Pair           | 2.5                  |
|             |       | 2          | MC_PK-C-2208B   | DCS        | PK-C-2208B | DCS    | 7                      | Pair           | 1                    | 12   | MC_Comp_Air-A-10    | (FIELD) | UCP-Air-A    | UCP    | 19                     | Pair           | 1                    | 22   | MC_JBF-D-2116 | JBF-D-2116    | F0S   | F0S    | 7                      | Pair           | 2.5                  |
|             |       | 3          | MC_LCP-G-2204   | DCS        | LCP-G-2204 | DCS    | 7                      | Pair           | 1                    | 13   | MC_Comp_Air-B-7     | (FIELD) | UCP-Air-B    | UCP    | 19                     | Pair           | 1                    | 23   | MC_P-2301A    | LCP-P-2301A   | F0S   | F0S    | 7                      | Pair           | 1                    |
|             |       | 4          | MC_LCP-A-2201R1 | LCP-A-2201 | DCS        | DCS    | 12                     | Pair           | 1                    | 14   | MC_Comp_Air-B-8     | (FIELD) | UCP-Air-B    | UCP    | 19                     | Pair           | 1                    | 24   | MC_P-2301B    | LCP-P-2301B   | F0S   | F0S    | 7                      | Pair           | 1                    |
|             |       | 5          | MC_LCP-A-2201R2 | LCP-A-2201 | DCS        | DCS    | 19                     | Pair           | 1                    | 15   | MC_Comp_Air-B-9     | (FIELD) | UCP-Air-B    | UCP    | 19                     | Pair           | 1                    | 25   | MC_P-2302A    | LCP-P-2302A   | F0S   | F0S    | 7                      | Pair           | 1                    |
|             | ROW-B | 6          | MC_JBF-D-2105   | JBF-D-2105 | F0S        | F0S    | 7                      | Pair           | 1                    | 16   | MC_Comp_Air-B-10    | (FIELD) | UCP-Air-B    | UCP    | 19                     | Pair           | 1                    | 26   | MC_P-2302B    | LCP-P-2302B   | F0S   | F0S    | 7                      | Pair           | 1                    |
|             |       | 7          | MC_JBF-D-2117   | JBF-D-2117 | F0S        | F0S    | 7                      | Pair           | 2.5                  | 17   | MC_Comp_Nitrogen-7  | (FIELD) | UCP-Nitrogen | UCP    | 19                     | Pair           | 1                    | 27   | MC_JBF-D-2116 | JBF-D-2116    | F0S   | F0S    | 7                      | Pair           | 2.5                  |
|             |       | 8          | MC_JBUD-2104    | JBUD-2104  | UCP        | UCP    | 19                     | Pair           | 1                    | 18   | MC_Comp_Nitrogen-8  | (FIELD) | UCP-Nitrogen | UCP    | 19                     | Pair           | 1                    | 28   | MC_F&G-CCTV   | CCTV BUILDING | CONTR | F0S    | 7                      | Pair           | 1                    |
|             |       | 9          | MC_Comp_Air-A-7 | (FIELD)    | UCP-Air-A  | UCP    | 19                     | Pair           | 1                    | 19   | MC_Comp_Nitrogen-9  | (FIELD) | UCP-Nitrogen | UCP    | 19                     | Pair           | 1                    |      |               |               |       |        |                        |                |                      |
|             |       | 10         | MC_Comp_Air-A-8 | (FIELD)    | UCP-Air-A  | UCP    | 19                     | Pair           | 1                    | 20   | MC_Comp_Nitrogen-10 | (FIELD) | UCP-Nitrogen | UCP    | 19                     | Pair           | 1                    |      |               |               |       |        |                        |                |                      |



| SECTION NO. |       | COLUMNE : 2 |                     |             |     |        |                            |                |                       |
|-------------|-------|-------------|---------------------|-------------|-----|--------|----------------------------|----------------|-----------------------|
|             |       | Item        | Cable No.           | From        | To. | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size ( mm2) |
| DB-D5       | ROW:A | 1           | MC- F&G-Building-18 | Building-18 | FGS | FGS    | HOLD                       | HOLD           | HOLD                  |

[illegible]



**TOTALLY REVISED**

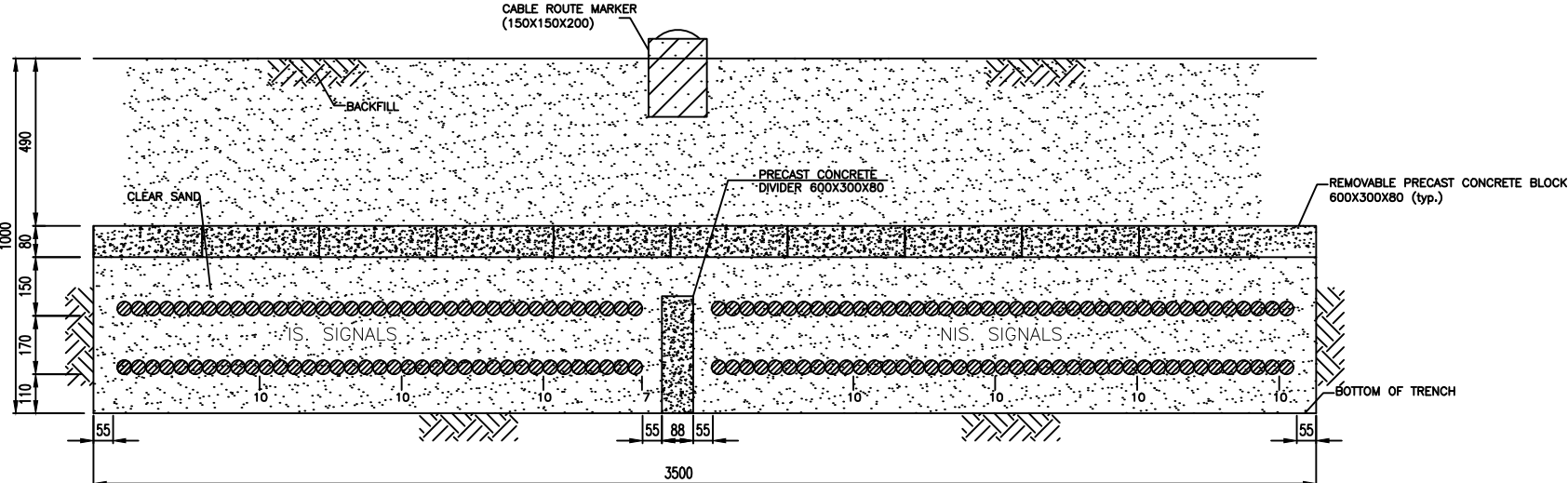
## NOTES

1- ALL DIMENSIONS ARE IN MILLIMETER

### LEGEND

| REFERENCE DRAWING           | DRG. No.                                             |
|-----------------------------|------------------------------------------------------|
| BK-GCS-PEDCO-120-PI-PY-0001 | UNIT PLOT PLAN DRAWING                               |
| BK-GCS-PEDCO-120-IN-DG-0008 | INSTRUMENT & F&G JUNCTION BOX<br>TERMINATION DIAGRAM |
| BK-GCS-PEDCO-120-IN-PY-0003 | INSTRUMENT LOCATION LAYOUT                           |

## KEY PLAN

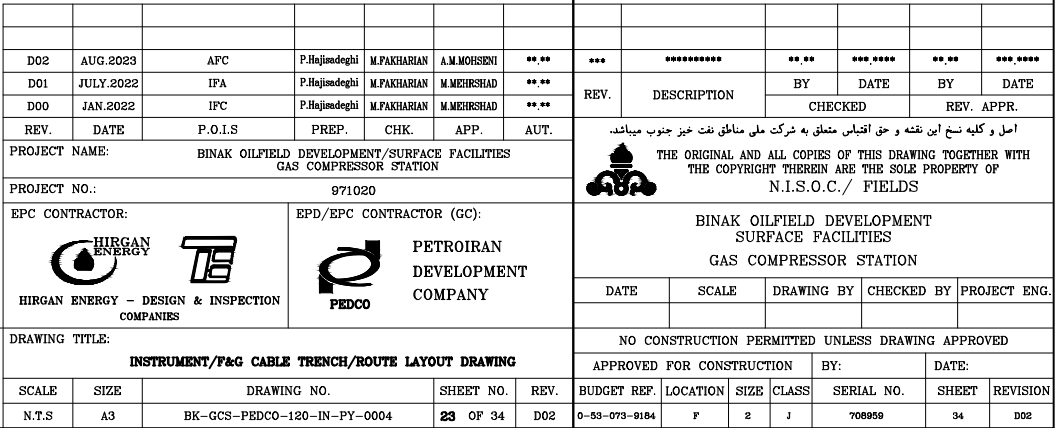


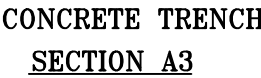
**BURIED CABLE TRENCH**  
**SECTION A4**

[illegible]

| Item | Cable No.         | From            | To    | System | Qty Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) | SECTION NO. | S / NS |
|------|-------------------|-----------------|-------|--------|---------------------------|----------------|-----------------------------------|-------------|--------|
| 1    | MC- JBD-A-2111    | JBD-A-2111      | DCS   | DCS    | 12                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 2    | MC- JBD-A-2107    | JBD-A-2107      | DCS   | DCS    | 12                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 3    | MC- JB-F-A-2110   | JB-F-A-2110     | FGS   | FGS    | 12                        | Triad          | 1                                 | SECTION-AA  | IS     |
| 4    | MC- Dehydration-1 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 5    | MC- Dehydration-2 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 6    | MC- Dehydration-3 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 7    | MC- Dehydration-4 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 8    | MC- Dehydration-5 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 9    | MC- Dehydration-6 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 10   | MC- Dehydration-7 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 11   | MC- Dehydration-8 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 12   | MC- JB-F-A-2107   | JB-F-A-2107     | FGS   | FGS    | 12                        | Triad          | 1                                 | SECTION-AA  | IS     |
| 13   | MC- JB-U-A-2103   | JB-U-A-2103     | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 14   | MC- Comp. C-1     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 15   | MC- Comp. C-2     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 16   | MC- Comp. C-3     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 17   | MC- Comp. C-4     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 18   | MC- Comp. C-5     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 19   | MC- Comp. C-6     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 20   | MC- Comp. C-7     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 21   | MC- Comp. C-8     | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 22   | MC- JBD-A-2106    | JBD-A-2106      | DCS   | DCS    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 23   | MC- JE-A-2104     | JE-A-2104       | ESD   | ESD    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 24   | MC- JB-F-A-2108   | JB-F-A-2108     | FGS   | FGS    | 12                        | Triad          | 1                                 | SECTION-AA  | IS     |
| 25   | MC- JB-F-A-2105   | JB-F-A-2105     | FGS   | FGS    | 12                        | Triad          | 1                                 | SECTION-AA  | IS     |
| 26   | MC- JB-U-A-2102   | JB-U-A-2102     | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 27   | MC- Comp. B-1     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 28   | MC- Comp. B-2     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 29   | MC- Comp. B-3     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 30   | MC- Comp. B-4     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 31   | MC- Comp. B-5     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 32   | MC- Comp. B-6     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 33   | MC- Comp. B-7     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 34   | MC- Comp. B-8     | UCP-B(FIELD)    | UCP-B | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 35   | MC- JBD-A-2105    | JBD-A-2105      | DCS   | DCS    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 36   | MC- JE-A-2103     | JE-A-2103       | ESD   | ESD    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 37   | MC- JB-F-A-2106   | JB-F-A-2106     | FGS   | FGS    | 12                        | Triad          | 1                                 | SECTION-AA  | IS     |
| 38   | MC- JB-F-A-2103   | JB-F-A-2103     | FGS   | FGS    | 12                        | Triad          | 1                                 | SECTION-AA  | IS     |
| 39   | MC- JB-U-A-2101   | JB-U-A-2101     | UCP   | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 40   | MC- Comp. A-1     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 41   | MC- Comp. A-2     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 42   | MC- Comp. A-3     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 43   | MC- Comp. A-4     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 44   | MC- Comp. A-5     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 45   | MC- Comp. A-6     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 46   | MC- Comp. A-7     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 47   | MC- Comp. A-8     | UCP-A(FIELD)    | UCP-A | UCP    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 48   | MC- JBD-A-2104    | JBD-A-2104      | DCS   | DCS    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
| 49   | MC- JE-A-2102     | JE-A-2102       | ESD   | ESD    | 19                        | Pair           | 1                                 | SECTION-AA  | IS     |
|      |                   |                 |       |        |                           |                |                                   |             |        |

| Item |                   |                 |       |        |                          |                |                                   |             |          |
|------|-------------------|-----------------|-------|--------|--------------------------|----------------|-----------------------------------|-------------|----------|
| Item | Cable No.         | From            | To    | System | Qty Of Pair /Tridz/ Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) | SECTION NO. | I/ S/NIS |
| 1    | MCRF-D-2104       | RFD-2104        | FGS   | FGS    | 7                        | Pair           | 1                                 | SECTION-A8  | NIS      |
| 2    | MCRF-D-2112       | RFD-2112        | FGS   | FGS    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 3    | MCRF-D-2115       | RFD-2115        | FGS   | FGS    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 4    | MCRD-D-2106       | RDD-2106        | DCS   | DCS    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 5    | MCRD-E-2104       | RDE-2104        | DCS   | DCS    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 6    | MCE-E-2106        | RE-E-2106       | ESD   | ESD    | 12                       | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 7    | MCRF-D-2103       | RFD-2103        | FGS   | FGS    | 7                        | Pair           | 1                                 | SECTION-A8  | NIS      |
| 8    | MCDehydration-9   | UCP-2101(FIELD) | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 9    | MCDehydration-10  | UCP-2101(FIELD) | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 10   | MCDDehydration-11 | UCP-2101(FIELD) | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 11   | MCDDehydration-12 | UCP-2101(FIELD) | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 12   | MCDDehydration-13 | UCP-2101(FIELD) | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 13   | MCDDehydration-14 | UCP-2101(FIELD) | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 14   | MCDDehydration-15 | UCP-2101(FIELD) | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 15   | MComp-C-9         | UCP-C(FIELD)    | UCP-C | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 16   | MComp-C-10        | UCP-C(FIELD)    | UCP-C | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 17   | MComp-C-11        | UCP-C(FIELD)    | UCP-C | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 18   | MComp-C-12        | UCP-C(FIELD)    | UCP-C | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 19   | MComp-C-13        | UCP-C(FIELD)    | UCP-C | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 20   | MComp-C-14        | UCP-C(FIELD)    | UCP-C | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 21   | MComp-C-15        | UCP-C(FIELD)    | UCP-C | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 22   | MCRD-D-2105       | RDD-2105        | DCS   | DCS    | HOLD                     | Pair           | 1                                 | SECTION-A8  | NIS      |
| 23   | MCRD-S-2103       | RDS-2103        | DCS   | DCS    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 24   | MCE-E-2105        | RE-E-2105       | ESD   | ESD    | 12                       | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 25   | MCRJU-D-2103      | RJU-D-2103      | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 26   | MCRJU-S-2103      | RJU-S-2103      | UCP   | UCP    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 27   | MComp-B-9         | UCP-B(FIELD)    | UCP-B | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 28   | MComp-B-10        | UCP-B(FIELD)    | UCP-B | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 29   | MComp-B-11        | UCP-B(FIELD)    | UCP-B | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 30   | MComp-B-12        | UCP-B(FIELD)    | UCP-B | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 31   | MComp-B-13        | UCP-B(FIELD)    | UCP-B | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 32   | MComp-B-14        | UCP-B(FIELD)    | UCP-B | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 33   | MComp-B-15        | UCP-B(FIELD)    | UCP-B | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 34   | MCRD-D-2104       | RDD-2104        | DCS   | DCS    | HOLD                     | Pair           | 1                                 | SECTION-A8  | NIS      |
| 35   | MCRD-S-2102       | RDS-2102        | DCS   | DCS    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 36   | MCE-E-2104        | RE-E-2104       | ESD   | ESD    | 12                       | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 37   | MCRJU-D-2102      | RJU-D-2102      | UCP   | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 38   | MCRJU-S-2102      | RJU-S-2102      | UCP   | UCP    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 39   | MCRF-D-2102       | RFD-2102        | FGS   | FGS    | 7                        | Pair           | 1                                 | SECTION-A8  | NIS      |
| 40   | MComp-A-9         | UCP-A(FIELD)    | UCP-A | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 41   | MComp-A-10        | UCP-A(FIELD)    | UCP-A | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 42   | MComp-A-11        | UCP-A(FIELD)    | UCP-A | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 43   | MComp-A-12        | UCP-A(FIELD)    | UCP-A | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 44   | MComp-A-13        | UCP-A(FIELD)    | UCP-A | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 45   | MComp-A-14        | UCP-A(FIELD)    | UCP-A | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 46   | MComp-A-15        | UCP-A(FIELD)    | UCP-A | UCP    | 19                       | Pair           | 1                                 | SECTION-A8  | NIS      |
| 47   | MCRD-D-2103       | RDD-2103        | DCS   | DCS    | HOLD                     | Pair           | 1                                 | SECTION-A8  | NIS      |
| 48   | MCRD-S-2101       | RDS-2101        | DCS   | DCS    | 7                        | Pair           | 2.5                               | SECTION-A8  | NIS      |
| 49   | MCE-E-2103        | RE-S-2103       | ESD   | ESD    | 12                       | Pair           |                                   |             |          |





(VENDOR TITLE BLOCK)\*\*

[illegible]

[illegible][illegible]

IS. SIGNALS

NIS. SIGNALS



NOTES

1- ALL DIMENSIONS ARE IN MILLIMETER.

LEGEND

| REFERENCE DRAWING           | DRG. No.                                          |
|-----------------------------|---------------------------------------------------|
| BK-GCS-PEDCO-120-PI-PY-0001 | UNIT PLOT PLAN DRAWING                            |
| BK-GCS-PEDCO-120-IN-DG-0008 | INSTRUMENT & P&G JUNCTION BOX TERMINATION DIAGRAM |
| BK-GCS-PEDCO-120-IN-PY-0003 | INSTRUMENT LOCATION LAYOUT                        |

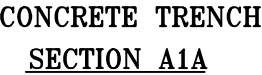
KEY PLAN

| Item | Cable No.         | From            | To    | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | SECTION NO. | IS / NIS |
|------|-------------------|-----------------|-------|--------|-----------------------------|----------------|----------------------|-------------|----------|
| 1    | MC- JBD-A-2111    | JBD-A-2111      | DCS   | DCS    | 12                          | Pair           | 1                    | SECTION-A2  | IS       |
| 2    | MC- JBD-A-2107    | JBD-A-2107      | DCS   | DCS    | 12                          | Pair           | 1                    | SECTION-A2  | IS       |
| 3    | MC- JBF-A-2110    | JBF-A-2110      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 4    | MC- Dehydration-1 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 5    | MC- Dehydration-2 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 6    | MC- Dehydration-3 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 7    | MC- Dehydration-4 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 8    | MC- Dehydration-5 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 9    | MC- Dehydration-6 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 10   | MC- Dehydration-7 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 11   | MC- Dehydration-8 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 12   | MC- JBF-A-2107    | JBF-A-2107      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 13   | MC- JBU-A-2103    | JBU-A-2103      | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 14   | MC- Comp. C-1     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 15   | MC- Comp. C-2     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 16   | MC- Comp. C-3     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 17   | MC- Comp. C-4     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 18   | MC- Comp. C-5     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 19   | MC- Comp. C-6     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 20   | MC- Comp. C-7     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 21   | MC- Comp. C-8     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 22   | MC- JBD-A-2106    | JBD-A-2106      | DCS   | DCS    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 23   | MC- JBE-A-2104    | JBE-A-2104      | ESD   | ESD    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 24   | MC- JBF-A-2108    | JBF-A-2108      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 25   | MC- JBF-A-2105    | JBF-A-2105      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 26   | MC- JBU-A-2102    | JBU-A-2102      | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 27   | MC- Comp. B-1     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 28   | MC- Comp. B-2     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 29   | MC- Comp. B-3     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 30   | MC- Comp. B-4     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 31   | MC- Comp. B-5     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 32   | MC- Comp. B-6     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 33   | MC- Comp. B-7     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 34   | MC- Comp. B-8     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 35   | MC- JBD-A-2105    | JBD-A-2105      | DCS   | DCS    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 36   | MC- JBE-A-2103    | JBE-A-2103      | ESD   | ESD    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 37   | MC- JBF-A-2106    | JBF-A-2106      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 38   | MC- JBF-A-2103    | JBF-A-2103      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 39   | MC- JBU-A-2101    | JBU-A-2101      | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 40   | MC- Comp. A-1     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 41   | MC- Comp. A-2     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 42   | MC- Comp. A-3     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 43   | MC- Comp. A-4     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 44   | MC- Comp. A-5     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 45   | MC- Comp. A-6     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 46   | MC- Comp. A-7     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 47   | MC- Comp. A-8     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 48   | MC- JBD-A-2104    | JBD-A-2104      | DCS   | DCS    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 49   | MC- JBE-A-2102    | JBE-A-2102      | ESD   | ESD    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 50   | MC- JBF-A-2104    | JBF-A-2104      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 51   | MC- JBF-A-2102    | JBF-A-2102      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 52   | MC- JBD-A-2102    | JBD-A-2102      | DCS   | DCS    | 12                          | Pair           | 1                    | SECTION-A2  | IS       |
| 53   | MC- JBD-A-2103    | JBD-A-2103      | DCS   | DCS    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 54   | MC- JBE-A-2101    | JBE-A-2101      | ESD   | ESD    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 55   | MC- JBF-A-2101    | JBF-A-2101      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 56   | MC- JBF-A-2102    | JBF-A-2102      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 57   | MC- JBD-A-2108    | JBD-A-2108      | DCS   | DCS    | 12                          | Pair           | 1                    | SECTION-A2  | IS       |
| 58   | MC- JBE-A-2105    | JBE-A-2105      | ESD   | ESD    | 12                          | Pair           | 1                    | SECTION-A2  | IS       |
| 59   | MC- JBE-A-2106    | JBE-A-2106      | ESD   | ESD    | 19                          | Pair           | 1                    | SECTION-A2  | IS       |
| 60   | MC- JBF-A-2109    | JBF-A-2109      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 61   | MC- JBF-A-2111    | JBF-A-2111      | FGS   | FGS    | 12                          | Triad          | 1                    | SECTION-A2  | IS       |
| 62   | MC- JBD-A-2101    | JBD-A-2101      | DCS   | DCS    | 12                          | Pair           | 1                    | SECTION-A2  | IS       |

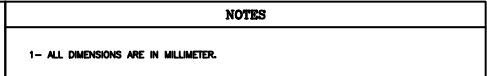
| Item | Cable No.          | From            | To    | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | SECTION NO. | IS / NIS |
|------|--------------------|-----------------|-------|--------|-----------------------------|----------------|----------------------|-------------|----------|
| 1    | MC- JBF-D-2104     | JBF-D-2104      | FGS   | FGS    | 7                           | Pair           | 1                    | SECTION-A2  | NIS      |
| 2    | MC- JBF-D-2112     | JBF-D-2112      | FGS   | FGS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 3    | MC- JBF-D-2115     | JBF-D-2115      | FGS   | FGS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 4    | MC- JBD-D-2106     | JBD-D-2106      | DCS   | DCS    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 5    | MC- JBD-S-2104     | JBD-S-2104      | DCS   | DCS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 6    | MC- JBE-S-2106     | JBE-S-2106      | ESD   | ESD    | 12                          | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 7    | MC- JBF-D-2103     | JBF-D-2103      | FGS   | FGS    | 7                           | Pair           | 1                    | SECTION-A2  | NIS      |
| 8    | MC- Dehydration-9  | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 9    | MC- Dehydration-10 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 10   | MC- Dehydration-11 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 11   | MC- Dehydration-12 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 12   | MC- Dehydration-13 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 13   | MC- Dehydration-14 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 14   | MC- Dehydration-15 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 15   | MC- Comp. C-9      | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 16   | MC- Comp. C-10     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 17   | MC- Comp. C-11     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 18   | MC- Comp. C-12     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 19   | MC- Comp. C-13     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 20   | MC- Comp. C-14     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 21   | MC- Comp. C-15     | UCP-C(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 22   | MC- JBD-D-2105     | JBD-D-2105      | DCS   | DCS    | HOLD                        | Pair           | 1                    | SECTION-A2  | NIS      |
| 23   | MC- JBD-S-2103     | JBD-S-2103      | DCS   | DCS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 24   | MC- JBE-S-2105     | JBE-S-2105      | ESD   | ESD    | 12                          | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 25   | MC- JBU-D-2103     | JBU-D-2103      | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 26   | MC- JBU-S-2103     | JBU-S-2103      | UCP   | UCP    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 27   | MC- Comp. B-9      | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 28   | MC- Comp. B-10     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 29   | MC- Comp. B-11     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 30   | MC- Comp. B-12     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 31   | MC- Comp. B-13     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 32   | MC- Comp. B-14     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 33   | MC- Comp. B-15     | UCP-B(FIELD)    | UCP-B | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 34   | MC- JBD-D-2104     | JBD-D-2104      | DCS   | DCS    | HOLD                        | Pair           | 1                    | SECTION-A2  | NIS      |
| 35   | MC- JBD-S-2102     | JBD-S-2102      | DCS   | DCS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 36   | MC- JBE-S-2104     | JBE-S-2104      | ESD   | ESD    | 12                          | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 37   | MC- JBU-D-2102     | JBU-D-2102      | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 38   | MC- JBU-S-2102     | JBU-S-2102      | UCP   | UCP    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 39   | MC- JBF-D-2102     | JBF-D-2102      | FGS   | FGS    | 7                           | Pair           | 1                    | SECTION-A2  | NIS      |
| 40   | MC- Comp. A-9      | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 41   | MC- Comp. A-10     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 42   | MC- Comp. A-11     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 43   | MC- Comp. A-12     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 44   | MC- Comp. A-13     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 45   | MC- Comp. A-14     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 46   | MC- Comp. A-15     | UCP-A(FIELD)    | UCP-A | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 47   | MC- JBD-D-2103     | JBD-D-2103      | DCS   | DCS    | HOLD                        | Pair           | 1                    | SECTION-A2  | NIS      |
| 48   | MC- JBD-S-2101     | JBD-S-2101      | DCS   | DCS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 49   | MC- JBE-S-2103     | JBE-S-2103      | ESD   | ESD    | 12                          | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 50   | MC- JBU-D-2101     | JBU-D-2101      | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 51   | MC- JBU-S-2101     | JBU-S-2101      | UCP   | UCP    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 52   | MC- LCP-PK-2207    | LCP-PK-2207     | UCP   | UCP    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 53   | MC- JBF-D-2110     | JBF-D-2110      | FGS   | FGS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 54   | MC- JBF-D-2111     | JBF-D-2111      | FGS   | FGS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 55   | MC- JBD-D-2102     | JBD-D-2102      | DCS   | DCS    | 19                          | Pair           | 1                    | SECTION-A2  | NIS      |
| 56   | MC- JBE-S-2102     | JBE-S-2102      | ESD   | ESD    | 12                          | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 57   | MC- JBF-D-2101     | JBF-D-2101      | FGS   | FGS    | 7                           | Pair           | 1                    | SECTION-A2  | NIS      |
| 58   | MC- JBE-D-2101     | JBE-D-2101      | ESD   | ESD    | 7                           | Pair           | 1                    | SECTION-A2  | NIS      |
| 59   | MC- JBE-D-2102     | JBE-D-2102      | ESD   | ESD    | 7                           | Pair           | 1                    | SECTION-A2  | NIS      |
| 60   | MC- JBE-D-2103     | JBE-D-2103      | ESD   | ESD    | 7                           | Pair           | 1                    | SECTION-A2  | NIS      |
| 61   | MC- JBF-D-2108     | JBF-D-2108      | FGS   | FGS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |
| 62   | MC- JBF-D-2113     | JBF-D-2113      | FGS   | FGS    | 7                           | Pair           | 2.5                  | SECTION-A2  | NIS      |

|     |    |             |                 |                               |     |    |      |     |            |     |
|-----|----|-------------|-----------------|-------------------------------|-----|----|------|-----|------------|-----|
| 63  | MC | JBF-D-2114  | JBF-D-2114      | FGS                           | FGS | 7  | Pair | 2.5 | SECTION-A2 | NIS |
| 64  | MC | JBD-D-2101  | JBD-D-2101      | DCS                           | DCS | 19 | Pair | 1   | SECTION-A2 | NIS |
| 65  | MC | JBE-S-2101  | JBE-S-2101      | ESD                           | ESD | 12 | Pair | 2.5 | SECTION-A2 | NIS |
| 66  | MC | MOV-2003    | MOV-2003        | DCS                           | DCS | 12 | Pair | 2.5 | SECTION-A2 | NIS |
| 67  | MC | JBF-D-2108  | JBF-D-2108      | FGS                           | FGS | 7  | Pair | 2.5 | SECTION-A2 | NIS |
| 68  | MC | JBF-D-2109  | JBF-D-2109      | FGS                           | FGS | 7  | Pair | 2.5 | SECTION-A2 | NIS |
| 69  | MC | IRP-DCS 1   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 70  | MC | IRP-DCS 2   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 71  | MC | IRP-DCS 3   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 72  | MC | IRP-DCS 4   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 73  | MC | IRP-DCS 5   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 74  | MC | IRP-DCS 6   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 75  | MC | IRP-DCS 7   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 76  | MC | IRP-DCS 8   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 77  | MC | IRP-DCS 9   | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 78  | MC | IRP-DCS 10  | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 79  | MC | IRP-DCS 11  | IRP             | DCS                           | DCS | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 80  | IC | DCS-UCP1    | UCP Charger     | DCS                           | DCS | 1  | PAIR | 1.5 | SECTION-A2 | NIS |
| 81  | IC | DCS-UCP2    | UCP Charger     | DCS                           | DCS | 1  | PAIR | 1.5 | SECTION-A2 | NIS |
| 82  | MC | IRP-ESD 1   | IRP             | ESD                           | ESD | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 83  | MC | IRP-ESD 2   | IRP             | ESD                           | ESD | 19 | PAIR | 1   | SECTION-A2 | NIS |
| 84  | MC | ESD-MMSWG   | ESD             | ELECTRO<br>MAGNETIC SWG (IRP) | ESD | 7  | PAIR | 1   | SECTION-A2 | NIS |
| 85  | IC | FAN-FG-1101 | FGS             | IRP                           | FGS | 1  | PAIR | 1.5 | SECTION-A2 | NIS |
| 86  | MC | Comp. A-1   | UCP-Comp. A     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 87  | MC | Comp. A-2   | UCP-Comp. A     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 88  | MC | Comp. A-3   | UCP-Comp. A     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 89  | MC | Comp. A-4   | UCP-Comp. A     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 90  | MC | Comp. A-1   | UCP-Comp. B     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 91  | MC | Comp. A-2   | UCP-Comp. B     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 92  | MC | Comp. A-3   | UCP-Comp. B     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 93  | MC | Comp. A-4   | UCP-Comp. B     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 94  | MC | Comp. A-1   | UCP-Comp. C     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 95  | MC | Comp. A-2   | UCP-Comp. C     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 96  | MC | Comp. A-3   | UCP-Comp. C     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 97  | MC | Comp. A-4   | UCP-Comp. C     | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 98  | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 99  | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 100 | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 101 | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 102 | MC | Comp. Air A | UCP-Comp. Air A | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 103 | MC | Comp. Air-B | UCP-Comp. Air-B | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 104 | MC | Comp. Air-B | UCP-Comp. Air-B | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 105 | MC | Comp. Air-B | UCP-Comp. Air-B | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 106 | MC | Comp. NiNgn | UCP-Comp. NiNgn | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |
| 107 | MC | Comp. NiNgn | UCP-Comp. NiNgn | IRP                           | UCP | 19 | Pair | 1   | SECTION-A2 | NIS |

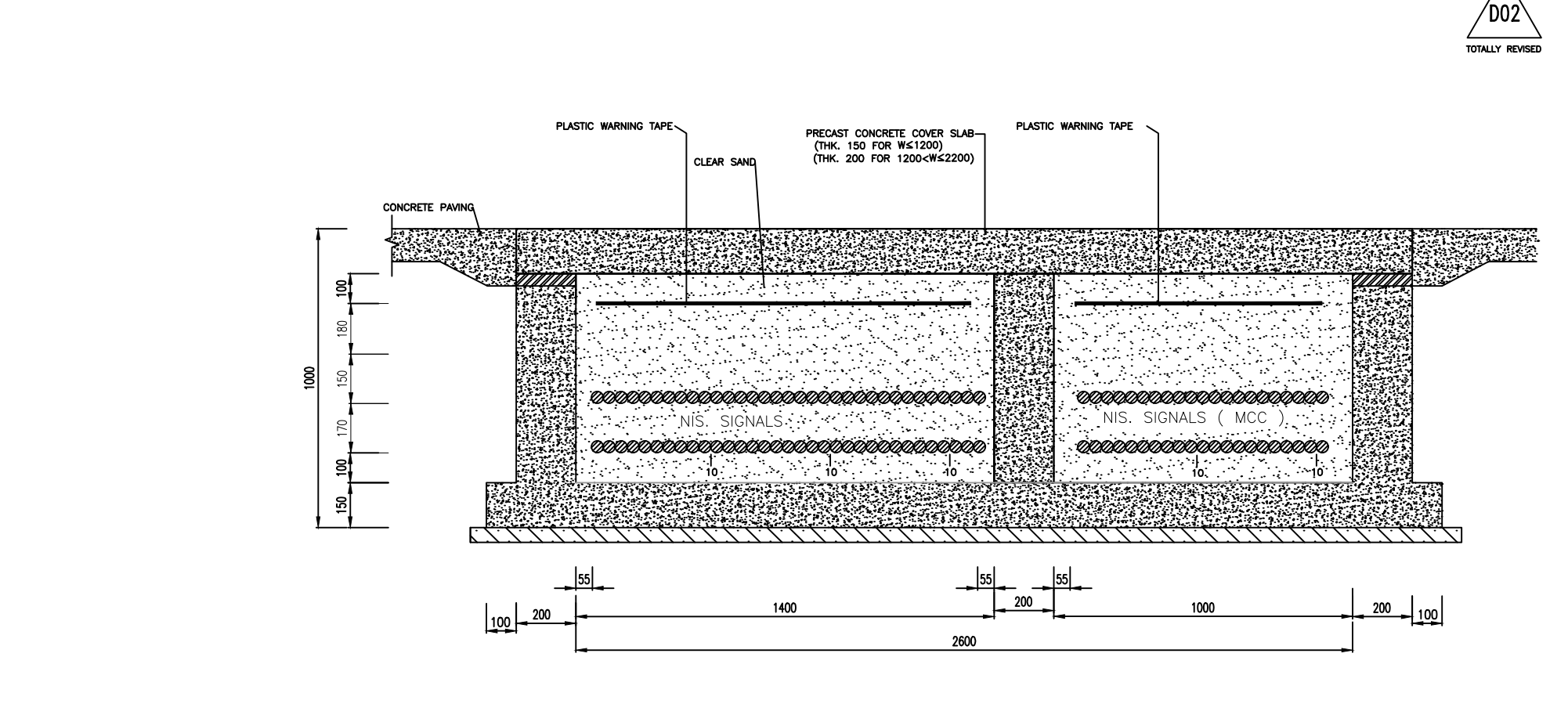
| Item | Case No.          | From            | To.   | System | Qty Of Pair /Triad/ Core | Conductor Type | Conductor Size (mm2) | SECTION NO. | S /S |
|------|-------------------|-----------------|-------|--------|--------------------------|----------------|----------------------|-------------|------|
| 1    | MC- IBD-A-2111    | IBD-A-2111      | DCS   | DCS    | 12                       | Pair           | 1                    | SECTION A1A | IS   |
| 2    | MC- IBD-A-2107    | IBD-A-2107      | DCS   | DCS    | 12                       | Pair           | 1                    | SECTION A1A | IS   |
| 3    | MC- IBF-A-2110    | IBF-A-2110      | FGS   | FGS    | 12                       | Triad          | 1                    | SECTION A1A | IS   |
| 4    | MC- Dehydration-1 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 5    | MC- Dehydration-2 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 6    | MC- Dehydration-3 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 7    | MC- Dehydration-4 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 8    | MC- Dehydration-5 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 9    | MC- Dehydration-6 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 10   | MC- Dehydration-7 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 11   | MC- Dehydration-8 | UCP-2101(FIRED) | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 12   | MC- IBF-A-2107    | IBF-A-2107      | FGS   | FGS    | 12                       | Triad          | 1                    | SECTION A1A | IS   |
| 13   | MC- IBU-A-2103    | IBU-A-2103      | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 14   | MC- Comp. C-1     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 15   | MC- Comp. C-2     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 16   | MC- Comp. C-3     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 17   | MC- Comp. C-4     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 18   | MC- Comp. C-5     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 19   | MC- Comp. C-6     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 20   | MC- Comp. C-7     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 21   | MC- Comp. C-8     | UCP-C(FIRED)    | UCP-C | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 22   | MC- IBD-A-2106    | IBD-A-2106      | DCS   | DCS    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 23   | MC- IBE-A-2104    | IBE-A-2104      | ESD   | ESD    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 24   | MC- IBF-A-2108    | IBF-A-2108      | FGS   | FGS    | 12                       | Triad          | 1                    | SECTION A1A | IS   |
| 25   | MC- IBF-A-2105    | IBF-A-2105      | FGS   | FGS    | 12                       | Triad          | 1                    | SECTION A1A | IS   |
| 26   | MC- IBU-A-2102    | IBU-A-2102      | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 27   | MC- Comp. B-1     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 28   | MC- Comp. B-2     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 29   | MC- Comp. B-3     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 30   | MC- Comp. B-4     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 31   | MC- Comp. B-5     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 32   | MC- Comp. B-6     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 33   | MC- Comp. B-7     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 34   | MC- Comp. B-8     | UCP-B(FIRED)    | UCP-B | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 35   | MC- IBD-A-2105    | IBD-A-2105      | DCS   | DCS    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 36   | MC- IBE-A-2103    | IBE-A-2103      | ESD   | ESD    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 37   | MC- IBF-A-2106    | IBF-A-2106      | FGS   | FGS    | 12                       | Triad          | 1                    | SECTION A1A | IS   |
| 38   | MC- IBF-A-2103    | IBF-A-2103      | FGS   | FGS    | 12                       | Triad          | 1                    | SECTION A1A | IS   |
| 39   | MC- IBU-A-2101    | IBU-A-2101      | UCP   | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 40   | MC- Comp. A-1     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 41   | MC- Comp. A-2     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 42   | MC- Comp. A-3     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 43   | MC- Comp. A-4     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 44   | MC- Comp. A-5     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 45   | MC- Comp. A-6     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 46   | MC- Comp. A-7     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 47   | MC- Comp. A-8     | UCP-A(FIRED)    | UCP-A | UCP    | 19                       | Pair           | 1                    | SECTION A1A | IS   |
| 48   | MC- IBD-A-2104    | IBD-A-2104      | DCS</ |        |                          |                |                      |             |      |

[illegible]

NIS. SIGNALS



| Item | Cable No.          | From            | To    | System | Qty. Of Pair / Trunk/ Core | Conductor Type | Conductor Size (mm <sup>2</sup> ) | SECTION NO. | IS / NIS |
|------|--------------------|-----------------|-------|--------|----------------------------|----------------|-----------------------------------|-------------|----------|
| 1    | MC- JBF-D-2104     | JBF-D-2104      | FGS   | FGS    | 7                          | Pair           | 1                                 | SECTION-A1B | NIS      |
| 2    | MC- JBF-D-2112     | JBF-D-2112      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 3    | MC- JBF-D-2115     | JBF-D-2115      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 4    | MC- JBD-D-2106     | JBD-D-2106      | DCS   | DCS    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 5    | MC- JBD-S-2104     | JBD-S-2104      | DCS   | DCS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 6    | MC- JBE-S-2106     | JBE-S-2106      | ESD   | ESD    | 12                         | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 7    | MC- JBF-D-2103     | JBF-D-2103      | FGS   | FGS    | 7                          | Pair           | 1                                 | SECTION-A1B | NIS      |
| 8    | MC- Dehydration-9  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 9    | MC- Dehydration-10 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 10   | MC- Dehydration-11 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 11   | MC- Dehydration-12 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 12   | MC- Dehydration-13 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 13   | MC- Dehydration-14 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 14   | MC- Dehydration-15 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 15   | MC- Comp. C-9      | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 16   | MC- Comp. C-10     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 17   | MC- Comp. C-11     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 18   | MC- Comp. C-12     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 19   | MC- Comp. C-13     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 20   | MC- Comp. C-14     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 21   | MC- Comp. C-15     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 22   | MC- JBD-D-2105     | JBD-D-2105      | DCS   | DCS    | HOLD                       | Pair           | 1                                 | SECTION-A1B | NIS      |
| 23   | MC- JBD-S-2103     | JBD-S-2103      | DCS   | DCS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 24   | MC- JBE-S-2105     | JBE-S-2105      | ESD   | ESD    | 12                         | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 25   | MC- JBU-D-2103     | JBU-D-2103      | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 26   | MC- JBU-S-2103     | JBU-S-2103      | UCP   | UCP    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 27   | MC- Comp. B-9      | UCP-B(FIELD)    | UCP-B | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 28   | MC- Comp. B-10     | UCP-B(FIELD)    | UCP-B | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 29   | MC- Comp. B-11     | UCP-B(FIELD)    | UCP-B | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 30   | MC- Comp. B-12     | UCP-B(FIELD)    | UCP-B | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 31   | MC- Comp. B-13     | UCP-B(FIELD)    | UCP-B | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 32   | MC- Comp. B-14     | UCP-B(FIELD)    | UCP-B | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 33   | MC- Comp. B-15     | UCP-B(FIELD)    | UCP-B | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 34   | MC- JBD-D-2104     | JBD-D-2104      | DCS   | DCS    | HOLD                       | Pair           | 1                                 | SECTION-A1B | NIS      |
| 35   | MC- JBD-S-2102     | JBD-S-2102      | DCS   | DCS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 36   | MC- JBE-S-2104     | JBE-S-2104      | ESD   | ESD    | 12                         | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 37   | MC- JBU-D-2102     | JBU-D-2102      | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 38   | MC- JBU-S-2102     | JBU-S-2102      | UCP   | UCP    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 39   | MC- JBF-D-2102     | JBF-D-2102      | FGS   | FGS    | 7                          | Pair           | 1                                 | SECTION-A1B | NIS      |
| 40   | MC- Comp. A-9      | UCP-A(FIELD)    | UCP-A | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 41   | MC- Comp. A-10     | UCP-A(FIELD)    | UCP-A | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 42   | MC- Comp. A-11     | UCP-A(FIELD)    | UCP-A | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 43   | MC- Comp. A-12     | UCP-A(FIELD)    | UCP-A | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 44   | MC- Comp. A-13     | UCP-A(FIELD)    | UCP-A | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 45   | MC- Comp. A-14     | UCP-A(FIELD)    | UCP-A | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 46   | MC- Comp. A-15     | UCP-A(FIELD)    | UCP-A | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 47   | MC- JBD-D-2103     | JBD-D-2103      | DCS   | DCS    | HOLD                       | Pair           | 1                                 | SECTION-A1B | NIS      |
| 48   | MC- JBD-S-2101     | JBD-S-2101      | DCS   | DCS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 49   | MC- JBE-S-2103     | JBE-S-2103      | ESD   | ESD    | 12                         | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 50   | MC- JBU-D-2101     | JBU-D-2101      | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 51   | MC- JBU-S-2101     | JBU-S-2101      | UCP   | UCP    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 52   | MC- LCP-PK-2207    | LCP-PK-2207     | UCP   | UCP    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 53   | MC- JBF-D-2110     | JBF-D-2110      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 54   | MC- JBF-D-2111     | JBF-D-2111      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 55   | MC- JBD-D-2102     | JBD-D-2102      | DCS   | DCS    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 56   | MC- JBE-S-2102     | JBE-S-2102      | ESD   | ESD    | 12                         | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 57   | MC- JBF-D-2101     | JBF-D-2101      | FGS   | FGS    | 7                          | Pair           | 1                                 | SECTION-A1B | NIS      |
| 58   | MC- JBE-D-2101     | JBE-D-2101      | ESD   | ESD    | 7                          | Pair           | 1                                 | SECTION-A1B | NIS      |
| 59   | MC- JBE-D-2102     | JBE-D-2102      | ESD   | ESD    | 7                          | Pair           | 1                                 | SECTION-A1B | NIS      |
| 60   | MC- JBE-D-2103     | JBE-D-2103      | ESD   | ESD    | 7                          | Pair           | 1                                 | SECTION-A1B | NIS      |
| 61   | MC- JBF-D-2108     | JBF-D-2108      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 62   | MC- JBF-D-2113     | JBF-D-2113      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 63   | MC- JBF-D-2114     | JBF-D-2114      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 64   | MC- JBD-D-2101     | JBD-D-2101      | DCS   | DCS    | 19                         | Pair           | 1                                 | SECTION-A1B | NIS      |
| 65   | MC- JBE-S-2101     | JBE-S-2101      | ESD   | ESD    | 12                         | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 66   | MC- MOV-2003       | MOV-2003        | DCS   | DCS    | 12                         | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 67   | MC- JBF-D-2108     | JBF-D-2108      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |
| 68   | MC- JBF-D-2109     | JBF-D-2109      | FGS   | FGS    | 7                          | Pair           | 2.5                               | SECTION-A1B | NIS      |



**CONCRETE TRENCH**  
**SECTION A1B**

|     |    |             |                 |                         |     |     |      |      |             |             |     |
|-----|----|-------------|-----------------|-------------------------|-----|-----|------|------|-------------|-------------|-----|
| 69  | MC | IRP-DCS 1   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 70  | MC | IRP-DCS 2   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 71  | MC | IRP-DCS 3   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 72  | MC | IRP-DCS 4   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 73  | MC | IRP-DCS 5   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 74  | MC | IRP-DCS 6   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 75  | MC | IRP-DCS 7   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 76  | MC | IRP-DCS 8   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 77  | MC | IRP-DCS 9   | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 78  | MC | IRP-DCS 10  | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 79  | MC | IRP-DCS 11  | IRP             | DCS                     | DCS | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 80  | IC | DCS-UCP1    | UCP Charger     | DCS                     | DCS | 1   | PAIR | 1.5  | SECTION A1B | NIS         |     |
| 81  | IC | DCS-UCP2    | UCP Charger     | DCS                     | DCS | 1   | PAIR | 1.5  | SECTION A1B | NIS         |     |
| 82  | MC | IRP-ESD 1   | IRP             | ESD                     | ESD | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 83  | MC | IRP-ESD 2   | IRP             | ESD                     | ESD | 19  | PAIR | 1    | SECTION A1B | NIS         |     |
| 84  | MC | ESD-MVSWG   | ESD             | ELECTRICAL MV SWG (IRP) |     | ESD | 7    | PAIR | 1           | SECTION A1B | NIS |
| 85  | IC | FAN-FG-1101 | FGS             | IRP                     | FGS | 1   | PAIR | 1.5  | SECTION A1B | NIS         |     |
| 86  | MC | Comp. A-1   | UCP-Comp. A     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 87  | MC | Comp. A-2   | UCP-Comp. A     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 88  | MC | Comp. A-3   | UCP-Comp. A     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 89  | MC | Comp. A-4   | UCP-Comp. A     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 90  | MC | Comp. A-1   | UCP-Comp. B     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 91  | MC | Comp. A-2   | UCP-Comp. B     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 92  | MC | Comp. A-3   | UCP-Comp. B     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 93  | MC | Comp. A-4   | UCP-Comp. B     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 94  | MC | Comp. A-1   | UCP-Comp. C     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 95  | MC | Comp. A-2   | UCP-Comp. C     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 96  | MC | Comp. A-3   | UCP-Comp. C     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 97  | MC | Comp. A-4   | UCP-Comp. C     | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 98  | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 99  | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 100 | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 101 | MC | Comp. Dyh.  | UCP-Comp. Dyh.  | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 102 | MC | Comp. Air A | UCP-Comp. Air A | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 103 | MC | Comp. Air A | UCP-Comp. Air A | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 104 | MC | Comp. Air B | UCP-Comp. Air B | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 105 | MC | Comp. Air B | UCP-Comp. Air B | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 106 | MC | Comp. Nlign | UCP-Comp. Nlign | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |
| 107 | MC | Comp. Nlign | UCP-Comp. Nlign | IRP                     | UCP | 19  | Pair | 1    | SECTION A1B | NIS         |     |

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150 100 170 150 180 100

CONCRETE

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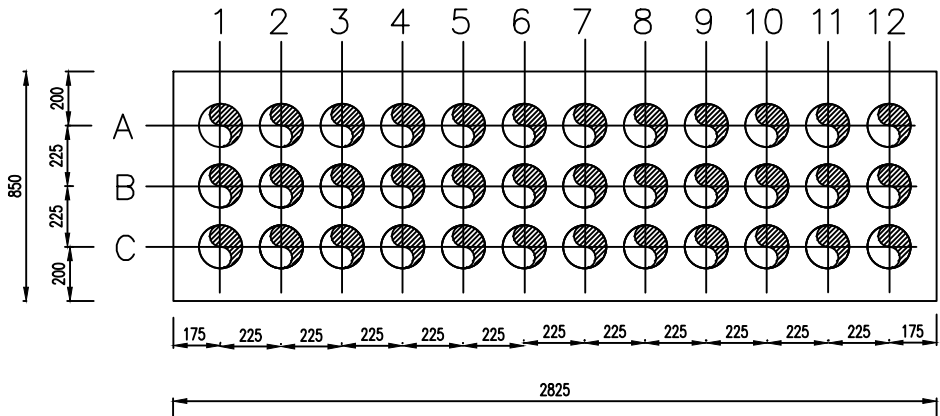
IS SIGNALS



| SECTION NO. |       | SECTION -A4, DB-A1/ DB-A2 |                |            |     |        |                           |                |                       |                |                |              |       |        |                           |                |                       |               |               |              |       |             |                           |                |                       |               |                    |                 |       |        |                           |                |                       |                    |                 |       |       |        |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|-------------|-------|---------------------------|----------------|------------|-----|--------|---------------------------|----------------|-----------------------|----------------|----------------|--------------|-------|--------|---------------------------|----------------|-----------------------|---------------|---------------|--------------|-------|-------------|---------------------------|----------------|-----------------------|---------------|--------------------|-----------------|-------|--------|---------------------------|----------------|-----------------------|--------------------|-----------------|-------|-------|--------|---------------------------|----------------|-----------------------|-------------|-------|-------|--|--|--|--|--|--|--|
|             |       | COLUMNNE : 1              |                |            |     |        |                           |                |                       |                |                | COLUMNNE : 2 |       |        |                           |                |                       |               |               |              |       | COLUMNNE :3 |                           |                |                       |               |                    |                 |       |        |                           | COLUMNNE :4    |                       |                    |                 |       |       |        |                           |                |                       | COLUMNNE :5 |       |       |  |  |  |  |  |  |  |
|             |       | Item                      | Cable No.      | From       | To. | System | Qty. Of Pair /Triad/ Core | Conductor Type | Conductor Size ( mm2) | Item           | Cable No.      | From         | To.   | System | Qty. Of Pair /Triad/ Core | Conductor Type | Conductor Size ( mm2) | Item          | Cable No.     | From         | To.   | System      | Qty. Of Pair /Triad/ Core | Conductor Type | Conductor Size ( mm2) | Item          | Cable No.          | From            | To.   | System | Qty. Of Pair /Triad/ Core | Conductor Type | Conductor Size ( mm2) | Item               | Cable No.       | From  | To.   | System | Qty. Of Pair /Triad/ Core | Conductor Type | Conductor Size ( mm2) |             |       |       |  |  |  |  |  |  |  |
| ROW-A       | 1     | MC- JBD-A-2101            | JBD-A-2101     | DCS        | DCS | 12     | Pair                      | 1              | 16                    | MC- JBF-A-2101 | JBF-A-2101     | FGS          | FGS   | 12     | Triad                     | 1              | 31                    | MC- Comp. A-2 | UCP-A(FIELD)  | UCP-A        | UCP   | 19          | Pair                      | 1              | 46                    | MC- Comp. C-1 | UCP-C(FIELD)       | UCP-C           | UCP   | 19     | Pair                      | 1              | 61                    | MC- Dehydrati on-8 | UCP-2101(FIELD) | UCP   | UCP   | 19     | Pair                      | 1              |                       |             |       |       |  |  |  |  |  |  |  |
|             | 2     | MC- JBD-A-2102            | JBD-A-2102     | DCS        | DCS | 12     | Pair                      | 1              | 17                    | MC- JBF-A-2102 | JBF-A-2102     | FGS          | FGS   | 12     | Triad                     | 1              | 32                    | MC- Comp. A-3 | UCP-A(FIELD)  | UCP-A        | UCP   | 19          | Pair                      | 1              | 47                    | MC- Comp. C-2 | UCP-C(FIELD)       | UCP-C           | UCP   | 19     | Pair                      | 1              | 62                    |                    |                 |       |       |        |                           |                | SPARE                 |             |       |       |  |  |  |  |  |  |  |
|             | 3     | MC- JBD-A-2103            | JBD-A-2103     | DCS        | DCS | 19     | Pair                      | 1              | 18                    | MC- JBF-A-2103 | JBF-A-2103     | FGS          | FGS   | 12     | Triad                     | 1              | 33                    | MC- Comp. A-4 | UCP-A(FIELD)  | UCP-A        | UCP   | 19          | Pair                      | 1              | 48                    | MC- Comp. C-3 | UCP-C(FIELD)       | UCP-C           | UCP   | 19     | Pair                      | 1              | 63                    |                    |                 |       |       |        |                           |                |                       | SPARE       |       |       |  |  |  |  |  |  |  |
|             | 4     | MC- JBD-A-2104            | JBD-A-2104     | DCS        | DCS | 19     | Pair                      | 1              | 19                    | MC- JBF-A-2104 | JBF-A-2104     | FGS          | FGS   | 12     | Triad                     | 1              | 34                    | MC- Comp. A-5 | UCP-A(FIELD)  | UCP-A        | UCP   | 19          | Pair                      | 1              | 49                    | MC- Comp. C-4 | UCP-C(FIELD)       | UCP-C           | UCP   | 19     | Pair                      | 1              | 64                    |                    |                 |       |       |        |                           |                |                       |             | SPARE |       |  |  |  |  |  |  |  |
|             | 5     | MC- JBD-A-2105            | JBD-A-2105     | DCS        | DCS | 19     | Pair                      | 1              | 20                    | MC- JBF-A-2105 | JBF-A-2105     | FGS          | FGS   | 12     | Triad                     | 1              | 35                    | MC- Comp. A-6 | UCP-A(FIELD)  | UCP-A        | UCP   | 19          | Pair                      | 1              | 50                    | MC- Comp. C-5 | UCP-C(FIELD)       | UCP-C           | UCP   | 19     | Pair                      | 1              | 65                    |                    |                 |       |       |        |                           |                |                       |             |       | SPARE |  |  |  |  |  |  |  |
| DB-A4       | ROW-B | 6                         | MC- JBD-A-2106 | JBD-A-2106 | DCS | DCS    | 19                        | Pair           | 1                     | 21             | MC- JBF-A-2106 | JBF-A-2106   | FGS   | FGS    | 12                        | Triad          | 1                     | 36            | MC- Comp. A-7 | UCP-A(FIELD) | UCP-A | UCP         | 19                        | Pair           | 1                     | 51            | MC- Comp. C-6      | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                     | 66                 | SPARE           |       |       |        |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 7                         | MC- JBD-A-2107 | JBD-A-2107 | DCS | DCS    | 12                        | Pair           | 1                     | 22             | MC- JBF-A-2107 | JBF-A-2107   | FGS   | FGS    | 12                        | Triad          | 1                     | 37            | MC- Comp. A-8 | UCP-A(FIELD) | UCP-A | UCP         | 19                        | Pair           | 1                     | 52            | MC- Comp. C-7      | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                     | 67                 |                 | SPARE |       |        |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 8                         | MC- JBD-A-2108 | JBD-A-2108 | DCS | DCS    | 12                        | Pair           | 1                     | 23             | MC- JBF-A-2108 | JBF-A-2108   | FGS   | FGS    | 12                        | Triad          | 1                     | 38            | MC- Comp. B-1 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 53            | MC- Comp. C-8      | UCP-C(FIELD)    | UCP-C | UCP    | 19                        | Pair           | 1                     | 68                 |                 |       | SPARE |        |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 9                         | MC- JBD-A-2111 | JBD-A-2111 | DCS | DCS    | 12                        | Pair           | 1                     | 24             | MC- JBF-A-2109 | JBF-A-2109   | FGS   | FGS    | 12                        | Triad          | 1                     | 39            | MC- Comp. B-2 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 54            | MC- Dehydrati on-1 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                     | 69                 |                 |       |       | SPARE  |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 10                        | MC- JBE-A-2101 | JBE-A-2101 | ESD | ESD    | 19                        | Pair           | 1                     | 25             | MC- JBF-A-2110 | JBF-A-2110   | FGS   | FGS    | 12                        | Triad          | 1                     | 40            | MC- Comp. B-3 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 55            | MC- Dehydrati on-2 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                     | 70                 |                 |       |       |        | SPARE                     |                |                       |             |       |       |  |  |  |  |  |  |  |
|             | ROW-C | 11                        | MC- JBE-A-2102 | JBE-A-2102 | ESD | ESD    | 19                        | Pair           | 1                     | 26             | MC- JBF-A-2111 | JBF-A-2111   | FGS   | FGS    | 12                        | Triad          | 1                     | 41            | MC- Comp. B-4 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 56            | MC- Dehydrati on-3 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                     | 71                 | SPARE           |       |       |        |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 12                        | MC- JBE-A-2103 | JBE-A-2103 | ESD | ESD    | 19                        | Pair           | 1                     | 27             | MC- JBU-A-2101 | JBU-A-2101   | UCP   | UCP    | 19                        | Pair           | 1                     | 42            | MC- Comp. B-5 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 57            | MC- Dehydrati on-4 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                     | 72                 |                 | SPARE |       |        |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 13                        | MC- JBE-A-2104 | JBE-A-2104 | ESD | ESD    | 19                        | Pair           | 1                     | 28             | MC- JBU-A-2102 | JBU-A-2102   | UCP   | UCP    | 19                        | Pair           | 1                     | 43            | MC- Comp. B-6 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 58            | MC- Dehydrati on-5 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                     | 73                 |                 |       | SPARE |        |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 14                        | MC- JBE-A-2105 | JBE-A-2105 | ESD | ESD    | 12                        | Pair           | 1                     | 29             | MC- JBU-A-2103 | JBU-A-2103   | UCP   | UCP    | 19                        | Pair           | 1                     | 44            | MC- Comp. B-7 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 59            | MC- Dehydrati on-6 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                     | 74                 |                 |       |       | SPARE  |                           |                |                       |             |       |       |  |  |  |  |  |  |  |
|             |       | 15                        | MC- JBE-A-2106 | JBE-A-2106 | ESD | ESD    | 19                        | Pair           | 1                     | 30             | MC- Comp. A-1  | UCP-A(FIELD) | UCP-A | UCP    | 19                        | Pair           | 1                     | 45            | MC- Comp. B-8 | UCP-B(FIELD) | UCP-B | UCP         | 19                        | Pair           | 1                     | 60            | MC- Dehydrati on-7 | UCP-2101(FIELD) | UCP   | UCP    | 19                        | Pair           | 1                     | 75                 |                 |       |       |        | SPARE                     |                |                       |             |       |       |  |  |  |  |  |  |  |

NIS SIGNALS

| SECTION NO. |       | COLUMNNE : 8 |                 |             |     |        |                             |                |                       |    | COLUMNNE : 9   |            |      |     |        |                             |                |                       |                 | COLUMNNE : 10 |           |      |    |        |                             |                |                       |              | COLUMNNE : 11 |           |      |      |        |                             |                     |                       |     | COLUMNNE : 12 |    |      |   |  |  |  |  |  |
|-------------|-------|--------------|-----------------|-------------|-----|--------|-----------------------------|----------------|-----------------------|----|----------------|------------|------|-----|--------|-----------------------------|----------------|-----------------------|-----------------|---------------|-----------|------|----|--------|-----------------------------|----------------|-----------------------|--------------|---------------|-----------|------|------|--------|-----------------------------|---------------------|-----------------------|-----|---------------|----|------|---|--|--|--|--|--|
|             |       | Item         | Cable No.       | From        | To  | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size ( mm2) |    | Item           | Cable No.  | From | To  | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size ( mm2) |                 | Item          | Cable No. | From | To | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size ( mm2) |              | Item          | Cable No. | From | To   | System | Qty. Of Pair / Triad / Core | Conductor Type      | Conductor Size ( mm2) |     |               |    |      |   |  |  |  |  |  |
| ROW-A       |       | 1            | MC- JBD-D-2101  | JBD-D-2101  | DCS | DCS    | 19                          | Pair           | 1                     | 16 | MC- JBE-S-2102 | JBE-S-2102 | ESD  | ESD | 12     | Pair                        | 2.5            | 31                    | MC- JBF-D-2114  | JBF-D-2114    | FGS       | FGS  | 7  | Pair   | 2.5                         | 46             | MC- Comp. A-15        | UCP-A(FIELD) | UCP-A         | UCP       | 19   | Pair | 1      | 61                          | MC- Dehydrati on-9  | UCP-2101(FIELD)       | UCP | UCP           | 19 | Pair | 1 |  |  |  |  |  |
|             |       | 2            | MC- JBD-D-2102  | JBD-D-2102  | DCS | DCS    | 19                          | Pair           | 1                     | 17 | MC- JBE-S-2103 | JBE-S-2103 | ESD  | ESD | 12     | Pair                        | 2.5            | 32                    | MC- JBF-D-2115  | JBF-D-2115    | FGS       | FGS  | 7  | Pair   | 2.5                         | 47             | MC- Comp. B-9         | UCP-B(FIELD) | UCP-B         | UCP       | 19   | Pair | 1      | 62                          | MC- Dehydrati on-10 | UCP-2101(FIELD)       | UCP | UCP           | 19 | Pair | 1 |  |  |  |  |  |
|             |       | 3            | MC- JBD-D-2102  | JBD-D-2103  | DCS | DCS    | HOLD                        | Pair           | 1                     | 18 | MC- JBE-S-2104 | JBE-S-2104 | ESD  | ESD | 12     | Pair                        | 2.5            | 33                    | MC- JBU-D-2101  | JBU-D-2101    | UCP       | UCP  | 19 | Pair   | 1                           | 48             | MC- Comp. B-10        | UCP-B(FIELD) | UCP-B         | UCP       | 19   | Pair | 1      | 63                          | MC- Dehydrati on-11 | UCP-2101(FIELD)       | UCP | UCP           | 19 | Pair | 1 |  |  |  |  |  |
|             |       | 4            | MC- JBD-D-2104  | JBD-D-2104  | DCS | DCS    | HOLD                        | Pair           | 1                     | 19 | MC- JBE-S-2105 | JBE-S-2105 | ESD  | ESD | 12     | Pair                        | 2.5            | 34                    | MC- JBU-D-2102  | JBU-D-2102    | UCP       | UCP  | 19 | Pair   | 1                           | 49             | MC- Comp. B-11        | UCP-B(FIELD) | UCP-B         | UCP       | 19   | Pair | 1      | 64                          | MC- Dehydrati on-12 | UCP-2101(FIELD)       | UCP | UCP           | 19 | Pair | 1 |  |  |  |  |  |
|             |       | 5            | MC- JBD-D-2105  | JBD-D-2105  | DCS | DCS    | HOLD                        | Pair           | 1                     | 20 | MC- JBE-S-2106 | JBE-S-2106 | ESD  | ESD | 12     | Pair                        | 2.5            | 35                    | MC- JBU-D-2103  | JBU-D-2103    | UCP       | UCP  | 19 | Pair   | 1                           | 50             | MC- Comp. B-12        | UCP-B(FIELD) | UCP-B         | UCP       | 19   | Pair | 1      | 65                          | MC- Dehydrati on-13 | UCP-2101(FIELD)       | UCP | UCP           | 19 | Pair | 1 |  |  |  |  |  |
| DB-A4       | ROW-B | 6            | MC- JBD-D-2106  | JBD-D-2106  | DCS | DCS    | 19                          | Pair           | 1                     | 21 | MC- JBF-D-2101 | JBF-D-2101 | FGS  | FGS | 7      | Pair                        | 1              | 36                    | MC- JBU-S-2101  | JBU-S-2101    | UCP       | UCP  | 7  | Pair   | 2.5                         | 51             | MC- Comp. B-13        | UCP-B(FIELD) | UCP-B         | UCP       | 19   | Pair | 1      | 66                          | MC- Dehydrati on-14 | UCP-2101(FIELD)       | UCP | UCP           | 19 | Pair | 1 |  |  |  |  |  |
|             |       | 7            | MC- JBD-S-2101  | JBD-S-2101  | DCS | DCS    | 7                           | Pair           | 2.5                   | 22 | MC- JBF-D-2102 | JBF-D-2102 | FGS  | FGS | 7      | Pair                        | 1              | 37                    | MC- JBU-S-2102  | JBU-S-2102    | UCP       | UCP  | 7  | Pair   | 2.5                         | 52             | MC- Comp. B-14        | UCP-B(FIELD) | UCP-B         | UCP       | 19   | Pair | 1      | 67                          | MC- Dehydrati on-15 | UCP-2101(FIELD)       | UCP | UCP           | 19 | Pair | 1 |  |  |  |  |  |
|             |       | 8            | MC- JBD-S-2102  | JBD-S-2102  | DCS | DCS    | 7                           | Pair           | 2.5                   | 23 | MC- JBF-D-2103 | JBF-D-2103 | FGS  | FGS | 7      | Pair                        | 1              | 38                    | MC- JBU-S-2103  | JBU-S-2103    | UCP       | UCP  | 7  | Pair   | 2.5                         | 53             | MC- Comp. B-15        | UCP-B(FIELD) | UCP-B         | UCP       | 19   | Pair | 1      | 68                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |
|             |       | 9            | MC- JBD-S-2103  | JBD-S-2103  | DCS | DCS    | 7                           | Pair           | 2.5                   | 24 | MC- JBF-D-2104 | JBF-D-2104 | FGS  | FGS | 7      | Pair                        | 1              | 39                    | IC- ISD-PK-2207 | ESD-PK-2207   | ESD       | ESD  | 1  | PAIR   | 1.5                         | 54             | MC- Comp. C-9         | UCP-C(FIELD) | UCP-C         | UCP       | 19   | Pair | 1      | 69                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |
|             |       | 10           | MC- JBD-S-2104  | JBD-S-2104  | DCS | DCS    | 7                           | Pair           | 2.5                   | 25 | MC- JBF-D-2108 | JBF-D-2108 | FGS  | FGS | 7      | Pair                        | 2.5            | 40                    | MC- Comp. A-9   | UCP-A(FIELD)  | UCP-A     | UCP  | 19 | Pair   | 1                           | 55             | MC- Comp. C-10        | UCP-C(FIELD) | UCP-C         | UCP       | 19   | Pair | 1      | 70                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |
|             | ROW-C | 11           | MC- LCP-PK-2207 | LCP-PK-2207 | DCS | DCS    | 19                          | Pair           | 1                     | 26 | MC- JBF-D-2109 | JBF-D-2109 | FGS  | FGS | 7      | Pair                        | 2.5            | 41                    | MC- Comp. A-10  | UCP-A(FIELD)  | UCP-A     | UCP  | 19 | Pair   | 1                           | 56             | MC- Comp. C-11        | UCP-C(FIELD) | UCP-C         | UCP       | 19   | Pair | 1      | 71                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |
|             |       | 12           | MC- JBE-D-2101  | JBE-D-2101  | ESD | ESD    | 7                           | Pair           | 1                     | 27 | MC- JBF-D-2110 | JBF-D-2110 | FGS  | FGS | 7      | Pair                        | 2.5            | 42                    | MC- Comp. A-11  | UCP-A(FIELD)  | UCP-A     | UCP  | 19 | Pair   | 1                           | 57             | MC- Comp. C-12        | UCP-C(FIELD) | UCP-C         | UCP       | 19   | Pair | 1      | 72                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |
|             |       | 13           | MC- JBE-D-2102  | JBE-D-2102  | ESD | ESD    | 7                           | Pair           | 1                     | 28 | MC- JBF-D-2111 | JBF-D-2111 | FGS  | FGS | 7      | Pair                        | 2.5            | 43                    | MC- Comp. A-12  | UCP-A(FIELD)  | UCP-A     | UCP  | 19 | Pair   | 1                           | 58             | MC- Comp. C-13        | UCP-C(FIELD) | UCP-C         | UCP       | 19   | Pair | 1      | 73                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |
|             |       | 14           | MC- JBE-D-2103  | JBE-D-2103  | ESD | ESD    | 7                           | Pair           | 1                     | 29 | MC- JBF-D-2112 | JBF-D-2112 | FGS  | FGS | 7      | Pair                        | 2.5            | 44                    | MC- Comp. A-13  | UCP-A(FIELD)  | UCP-A     | UCP  | 19 | Pair   | 1                           | 59             | MC- Comp. C-14        | UCP-C(FIELD) | UCP-C         | UCP       | 19   | Pair | 1      | 74                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |
|             |       | 15           | MC- JBE-S-2101  | JBE-S-2101  | ESD | ESD    | 12                          | Pair           | 2.5                   | 30 | MC- JBF-D-2113 | JBF-D-2113 | FGS  | FGS | 7      | Pair                        | 2.5            | 45                    | MC- Comp. A-14  | UCP-A(FIELD)  | UCP-A     | UCP  | 19 | Pair   | 1                           | 60             | MC- Comp. C-15        | UCP-C(FIELD) | UCP-C         | UCP       | 19   | Pair | 1      | 75                          | SPARE               |                       |     |               |    |      |   |  |  |  |  |  |



DB-A3  
3\*12-PVC 6"

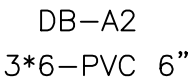
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**D02**  
**TOTALLY REVISED**

**NOTES**

1- ALL DIMENSIONS ARE IN MILLIMETER.

| REFERENCE DRAWING           | DRG. No.                                             |
|-----------------------------|------------------------------------------------------|
| BK-GCS-PEDCO-120-PI-PY-0001 | UNIT PLOT PLAN DRAWING                               |
| BK-GCS-PEDCO-120-IN-DG-0006 | INSTRUMENT & F&G JUNCTION BOX<br>TERMINATION DIAGRAM |
| BK-GCS-PEDCO-120-IN-PY-0003 | INSTRUMENT LOCATION LAYOUT                           |



(VENDOR TITLE BLOCK)\*\*

| SECTION NO. | COLUMN : 1 |                   |                 |       |        |                             |                |                      |      |                | COLUMN : 2   |       |        |                             |                |                      |      |                |              |       | COLUMN : 3 |                             |                |                      |      |                |              |       |        |                             | COLUMN : 4     |                      |      |                |            |     |        |                             |                |                      | COLUMN : 5 |  |  |  |  |  |
|-------------|------------|-------------------|-----------------|-------|--------|-----------------------------|----------------|----------------------|------|----------------|--------------|-------|--------|-----------------------------|----------------|----------------------|------|----------------|--------------|-------|------------|-----------------------------|----------------|----------------------|------|----------------|--------------|-------|--------|-----------------------------|----------------|----------------------|------|----------------|------------|-----|--------|-----------------------------|----------------|----------------------|------------|--|--|--|--|--|
|             | Item       | Cable No.         | From            | To    | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.      | From         | To    | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.      | From         | To    | System     | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.      | From         | To    | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item | Cable No.      | From       | To  | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) |            |  |  |  |  |  |
| ROW A       | 1          | MC- JBD-A-2111    | JBD-A-2111      | DCS   | DCS    | 12                          | Pair           | 1                    | 16   | MC- Comp. C-3  | UCP-0(FIELD) | UCP-C | UCP    | 19                          | Pair           | 1                    | 31   | MC- Comp. B-5  | UCP-0(FIELD) | UCP-B | UCP        | 19                          | Pair           | 1                    | 46   | MC- Comp. A-7  | UCP-0(FIELD) | UCP-A | UCP    | 19                          | Pair           | 1                    | 61   | MC- JBF-A-2111 | JBF-A-2111 | FSS | FSS    | 12                          | Triad          | 1                    |            |  |  |  |  |  |
|             | 2          | MC- JBD-A-2107    | JBD-A-2107      | DCS   | DCS    | 12                          | Pair           | 1                    | 17   | MC- Comp. C-4  | UCP-0(FIELD) | UCP-C | UCP    | 19                          | Pair           | 1                    | 32   | MC- Comp. B-6  | UCP-0(FIELD) | UCP-B | UCP        | 19                          | Pair           | 1                    | 47   | MC- Comp. A-8  | UCP-0(FIELD) | UCP-A | UCP    | 19                          | Pair           | 1                    | 62   | MC- JBD-A-2101 | JBD-A-2101 | DCS | DCS    | 12                          | Pair           | 1                    |            |  |  |  |  |  |
|             | 3          | MC- JBF-A-2110    | JBF-A-2110      | FSS   | FSS    | 12                          | Triad          | 1                    | 18   | MC- Comp. C-5  | UCP-0(FIELD) | UCP-C | UCP    | 19                          | Pair           | 1                    | 33   | MC- Comp. B-7  | UCP-0(FIELD) | UCP-B | UCP        | 19                          | Pair           | 1                    | 48   | MC- JBD-A-2104 | JBD-A-2104   | DCS   | DCS    | 19                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 4          | MC- Dehydration-1 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 19   | MC- Comp. C-6  | UCP-0(FIELD) | UCP-C | UCP    | 19                          | Pair           | 1                    | 34   | MC- Comp. B-8  | UCP-0(FIELD) | UCP-B | UCP        | 19                          | Pair           | 1                    | 49   | MC- JBE-A-2102 | JBE-A-2102   | ESD   | ESD    | 19                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 5          | MC- Dehydration-2 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 20   | MC- Comp. C-7  | UCP-0(FIELD) | UCP-C | UCP    | 19                          | Pair           | 1                    | 35   | MC- JBD-A-2105 | JBD-A-2105   | DCS   | DCS        | 19                          | Pair           | 1                    | 50   | MC- JBF-A-2104 | JBF-A-2104   | FSS   | FSS    | 12                          | Triad          | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
| ROW B       | 6          | MC- Dehydration-3 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 21   | MC- Comp. C-8  | UCP-0(FIELD) | UCP-C | UCP    | 19                          | Pair           | 1                    | 36   | MC- JBE-A-2103 | JBE-A-2103   | ESD   | ESD        | 19                          | Pair           | 1                    | 51   | MC- JBF-A-2102 | JBF-A-2102   | FSS   | FSS    | 12                          | Triad          | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 7          | MC- Dehydration-4 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 22   | MC- JBD-A-2106 | JBD-A-2106   | DCS   | DCS    | 19                          | Pair           | 1                    | 37   | MC- JBF-A-2106 | JBF-A-2106   | FSS   | FSS        | 12                          | Triad          | 1                    | 52   | MC- JBD-A-2102 | JBD-A-2102   | DCS   | DCS    | 12                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 8          | MC- Dehydration-5 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 23   | MC- JBE-A-2104 | JBE-A-2104   | ESD   | ESD    | 19                          | Pair           | 1                    | 38   | MC- JBF-A-2103 | JBF-A-2103   | FSS   | FSS        | 12                          | Triad          | 1                    | 53   | MC- JBD-A-2103 | JBD-A-2103   | DCS   | DCS    | 19                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 9          | MC- Dehydration-6 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 24   | MC- JBF-A-2108 | JBF-A-2108   | FSS   | FSS    | 12                          | Triad          | 1                    | 39   | MC- JBU-A-2101 | JBU-A-2101   | UCP   | UCP        | 19                          | Pair           | 1                    | 54   | MC- JBE-A-2101 | JBE-A-2101   | ESD   | ESD    | 19                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 10         | MC- Dehydration-7 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 25   | MC- JBF-A-2105 | JBF-A-2105   | FSS   | FSS    | 12                          | Triad          | 1                    | 40   | MC- Comp. A-1  | UCP-0(FIELD) | UCP-A | UCP        | 19                          | Pair           | 1                    | 55   | MC- JBF-A-2101 | JBF-A-2101   | FSS   | FSS    | 12                          | Triad          | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
| ROW C       | 11         | MC- Dehydration-8 | UCP-2101(FIELD) | UCP   | UCP    | 19                          | Pair           | 1                    | 26   | MC- JBU-A-2102 | JBU-A-2102   | UCP   | UCP    | 19                          | Pair           | 1                    | 41   | MC- Comp. A-2  | UCP-0(FIELD) | UCP-A | UCP        | 19                          | Pair           | 1                    | 56   | MC- JBF-A-2102 | JBF-A-2102   | FSS   | FSS    | 12                          | Triad          | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 12         | MC- JBF-A-2107    | JBF-A-2107      | FSS   | FSS    | 12                          | Triad          | 1                    | 27   | MC- Comp. B-1  | UCP-0(FIELD) | UCP-B | UCP    | 19                          | Pair           | 1                    | 42   | MC- Comp. A-3  | UCP-0(FIELD) | UCP-A | UCP        | 19                          | Pair           | 1                    | 57   | MC- JBD-A-2108 | JBD-A-2108   | DCS   | DCS    | 12                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 13         | MC- JBU-A-2103    | JBU-A-2103      | UCP   | UCP    | 19                          | Pair           | 1                    | 28   | MC- Comp. B-2  | UCP-0(FIELD) | UCP-B | UCP    | 19                          | Pair           | 1                    | 43   | MC- Comp. A-4  | UCP-0(FIELD) | UCP-A | UCP        | 19                          | Pair           | 1                    | 58   | MC- JBE-A-2105 | JBE-A-2105   | ESD   | ESD    | 12                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 14         | MC- Comp. C-1     | UCP-0(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | 29   | MC- Comp. B-3  | UCP-0(FIELD) | UCP-B | UCP    | 19                          | Pair           | 1                    | 44   | MC- Comp. A-5  | UCP-0(FIELD) | UCP-A | UCP        | 19                          | Pair           | 1                    | 59   | MC- JBE-A-2106 | JBE-A-2106   | ESD   | ESD    | 19                          | Pair           | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |
|             | 15         | MC- Comp. C-2     | UCP-0(FIELD)    | UCP-C | UCP    | 19                          | Pair           | 1                    | 30   | MC- Comp. B-4  | UCP-0(FIELD) | UCP-B | UCP    | 19                          | Pair           | 1                    | 45   | MC- Comp. A-6  | UCP-0(FIELD) | UCP-A | UCP        | 19                          | Pair           | 1                    | 60   | MC- JBF-A-2109 | JBF-A-2109   | FSS   | FSS    | 12                          | Triad          | 1                    |      |                |            |     |        |                             |                |                      |            |  |  |  |  |  |



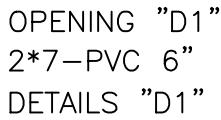
| SECTION NO. |    | COLUMN : 8 |                |                 |       |        |                            |                |                       |      |           | COLUMN : 9 |              |        |                            |                |                       |      |           |      |            | COLUMN : 10  |                            |                |                       |      |           |      |    |             |                            | COLUMN : 11    |                       |      |           |      |    |        |                            |                |                       | COLUMN : 12 |    |      |     |  |  |  |  |  |  |
|-------------|----|------------|----------------|-----------------|-------|--------|----------------------------|----------------|-----------------------|------|-----------|------------|--------------|--------|----------------------------|----------------|-----------------------|------|-----------|------|------------|--------------|----------------------------|----------------|-----------------------|------|-----------|------|----|-------------|----------------------------|----------------|-----------------------|------|-----------|------|----|--------|----------------------------|----------------|-----------------------|-------------|----|------|-----|--|--|--|--|--|--|
|             |    | Item       | Cable No.      | From            | To    | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm=2) | Item | Cable No. | From       | To           | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm=2) | Item | Cable No. | From | To         | System       | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm=2) | Item | Cable No. | From | To | System      | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm=2) | Item | Cable No. | From | To | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm=2) |             |    |      |     |  |  |  |  |  |  |
| ROW A       | 1  | MC         | JBF-D-2104     | JBF-D-2104      | FSS   | FSS    | 7                          | Pair           | 1                     | 16   | MC        | Comp. C-10 | UCP-0(FIELD) | UCP-C  | UCP                        | 19             | Pair                  | 1    | 31        | MC   | Comp. B-13 | UCP-0(FIELD) | UCP-B                      | UCP            | 19                    | Pair | 1         | 46   | MC | Comp. A-15  | UCP-0(FIELD)               | UCP-A          | UCP                   | 19   | Pair      | 1    | 61 | MC     | JBF-D-2108                 | JBF-D-2108     | FSS                   | FSS         | 7  | Pair | 2.5 |  |  |  |  |  |  |
|             | 2  | MC         | JBF-D-2112     | JBF-D-2112      | FSS   | FSS    | 7                          | Pair           | 2.5                   | 17   | MC        | Comp. C-11 | UCP-0(FIELD) | UCP-C  | UCP                        | 19             | Pair                  | 1    | 32        | MC   | Comp. B-14 | UCP-0(FIELD) | UCP-B                      | UCP            | 19                    | Pair | 1         | 47   | MC | JBD-D-2103  | JBD-D-2103                 | DCS            | DCS                   | HOLD | Pair      | 1    | 62 | MC     | JBF-D-2113                 | JBF-D-2113     | FSS                   | FSS         | 7  | Pair | 2.5 |  |  |  |  |  |  |
|             | 3  | MC         | JBF-D-2115     | JBF-D-2115      | FSS   | FSS    | 7                          | Pair           | 2.5                   | 18   | MC        | Comp. C-12 | UCP-0(FIELD) | UCP-C  | UCP                        | 19             | Pair                  | 1    | 33        | MC   | Comp. B-15 | UCP-0(FIELD) | UCP-B                      | UCP            | 19                    | Pair | 1         | 48   | MC | JBD-S-2101  | JBD-S-2101                 | DCS            | DCS                   | 7    | Pair      | 2.5  | 63 | MC     | JBF-D-2114                 | JBF-D-2114     | FSS                   | FSS         | 7  | Pair | 2.5 |  |  |  |  |  |  |
|             | 4  | MC         | JBD-D-2106     | JBD-D-2106      | DCS   | DCS    | 19                         | Pair           | 1                     | 19   | MC        | Comp. C-13 | UCP-0(FIELD) | UCP-C  | UCP                        | 19             | Pair                  | 1    | 34        | MC   | JBD-D-2104 | JBD-D-2104   | DCS                        | DCS            | HOLD                  | Pair | 1         | 49   | MC | JBE-S-2103  | JBE-S-2103                 | ESD            | ESD                   | 12   | Pair      | 2.5  | 64 | MC     | JBD-D-2101                 | JBD-D-2101     | DCS                   | DCS         | 19 | Pair | 1   |  |  |  |  |  |  |
|             | 5  | MC         | JBD-S-2104     | JBD-S-2104      | DCS   | DCS    | 7                          | Pair           | 2.5                   | 20   | MC        | Comp. C-14 | UCP-0(FIELD) | UCP-C  | UCP                        | 19             | Pair                  | 1    | 35        | MC   | JBU-D-2102 | JBU-D-2102   | DCS                        | DCS            | 7                     | Pair | 2.5       | 50   | MC | JBU-S-2101  | JBU-S-2101                 | UCP            | UCP                   | 19   | Pair      | 1    | 65 | MC     | JBE-S-2101                 | JBE-S-2101     | ESD                   | ESD         | 12 | Pair | 2.5 |  |  |  |  |  |  |
| DB-A1       | 6  | MC         | JBE-S-2106     | JBE-S-2106      | ESD   | ESD    | 12                         | Pair           | 2.5                   | 21   | MC        | Comp. C-15 | UCP-0(FIELD) | UCP-C  | UCP                        | 19             | Pair                  | 1    | 36        | MC   | JBE-S-2104 | JBE-S-2104   | ESD                        | ESD            | 12                    | Pair | 2.5       | 51   | MC | JBU-S-2101  | JBU-S-2101                 | UCP            | UCP                   | 7    | Pair      | 2.5  | 66 | MC     | MOV-2003                   | MOV-2003       | DCS                   | DCS         | 12 | Pair | 2.5 |  |  |  |  |  |  |
|             | 7  | MC         | JBF-D-2103     | JBF-D-2103      | FSS   | FSS    | 7                          | Pair           | 1                     | 22   | MC        | JBD-D-2105 | JBD-D-2105   | DCS    | DCS                        | HOLD           | Pair                  | 1    | 37        | MC   | JBU-D-2102 | JBU-D-2102   | UCP                        | UCP            | 19                    | Pair | 1         | 52   | MC | UCP-Pk-2207 | UCP-Pk-2207                | UCP            | UCP                   | 19   | Pair      | 1    | 67 | MC     | JBF-D-2108                 | JBF-D-2108     | FSS                   | FSS         | 7  | Pair | 2.5 |  |  |  |  |  |  |
|             | 8  | MC         | Dehydration-9  | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                     | 23   | MC        | JBD-S-2103 | JBD-S-2103   | DCS    | DCS                        | 7              | Pair                  | 2.5  | 38        | MC   | JBF-D-2118 | JBF-D-2118   | FSS                        | FSS            | 7                     | Pair | 2.5       | 53   | MC | JBF-D-2109  | JBF-D-2109                 | FSS            | FSS                   | 7    | Pair      | 2.5  | 68 | MC     | JBF-D-2109                 | JBF-D-2109     | FSS                   | FSS         | 7  | Pair | 2.5 |  |  |  |  |  |  |
|             | 9  | MC         | Dehydration-10 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                     | 24   | MC        | JBE-S-2105 | JBE-S-2105   | ESD    | ESD                        | 12             | Pair                  | 2.5  | 39        | MC   | JBF-D-2102 | JBF-D-2102   | FSS                        | FSS            | 7                     | Pair | 1         | 54   | MC | JBF-D-2111  | JBF-D-2111                 | FSS            | FSS                   | 7    | Pair      | 2.5  | 69 | MC     | IRP-DCS 1                  | IRP            | DCS                   | DCS         | 19 | PAIR | 1   |  |  |  |  |  |  |
|             | 10 | MC         | Dehydration-11 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                     | 25   | MC        | JBU-D-2103 | JBU-D-2103   | UCP    | UCP                        | 19             | Pair                  | 1    | 40        | MC   | Comp. A-9  | UCP-0(FIELD) | UCP-A                      | UCP            | 19                    | Pair | 1         | 55   | MC | JBD-D-2102  | JBD-D-2102                 | DCS            | DCS                   | 19   | Pair      | 1    | 70 | MC     | IRP-DCS 2                  | IRP            | DCS                   | DCS         | 19 | PAIR | 1   |  |  |  |  |  |  |
|             | 11 | MC         | Dehydration-12 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                     | 26   | MC        | JBU-S-2103 | JBU-S-2103   | UCP    | UCP                        | 7              | Pair                  | 2.5  | 41        | MC   | Comp. A-10 | UCP-0(FIELD) | UCP-A                      | UCP            | 19                    | Pair | 1         | 56   | MC | JBE-S-2102  | JBE-S-2102                 | ESD            | ESD                   | 12   | Pair      | 2.5  | 71 | MC     | IRP-DCS 3                  | IRP            | DCS                   | DCS         | 19 | PAIR | 1   |  |  |  |  |  |  |
|             | 12 | MC         | Dehydration-13 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                     | 27   | MC        | Comp. B-9  | UCP-0(FIELD) | UCP-B  | UCP                        | 19             | Pair                  | 1    | 42        | MC   | Comp. A-11 | UCP-0(FIELD) | UCP-A                      | UCP            | 19                    | Pair | 1         | 57   | MC | JBF-D-2101  | JBF-D-2101                 | FSS            | FSS                   | 7    | Pair      | 1    | 72 | MC     | IRP-DCS 4                  | IRP            | DCS                   | DCS         | 19 | PAIR | 1   |  |  |  |  |  |  |
|             | 13 | MC         | Dehydration-14 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                     | 28   | MC        | Comp. B-10 | UCP-0(FIELD) | UCP-B  | UCP                        | 19             | Pair                  | 1    | 43        | MC   | Comp. A-12 | UCP-0(FIELD) | UCP-A                      | UCP            | 19                    | Pair | 1         | 58   | MC | JBE-D-2101  | JBE-D-2101                 | ESD            | ESD                   | 7    | Pair      | 1    | 73 | MC     | IRP-DCS 5                  | IRP            | DCS                   | DCS         | 19 | PAIR | 1   |  |  |  |  |  |  |
|             | 14 | MC         | Dehydration-15 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                     | 29   | MC        | Comp. B-11 | UCP-0(FIELD) | UCP-B  | UCP                        | 19             | Pair                  | 1    | 44        | MC   | Comp. A-13 | UCP-0(FIELD) | UCP-A                      | UCP            | 19                    | Pair | 1         | 59   | MC | JBE-D-2102  | JBE-D-2102                 | ESD            | ESD                   | 7    | Pair      | 1    | 74 | MC     | IRP-DCS 6                  | IRP            | DCS                   | DCS         | 19 | PAIR | 1   |  |  |  |  |  |  |
|             | 15 | MC         | Comp. C-9      | UCP-0(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                     | 30   | MC        | Comp. B-12 | UCP-0(FIELD) | UCP-B  | UCP                        | 19             | Pair                  | 1    | 45        | MC   | Comp. A-14 | UCP-0(FIELD) | UCP-A                      | UCP            | 19                    | Pair | 1         | 60   | MC | JBE-D-2103  | JBE-D-2103                 | ESD            | ESD                   | 7    | Pair      | 1    | 75 | MC     | IRP-DCS 7                  | IRP            | DCS                   | DCS         | 19 | PAIR | 1   |  |  |  |  |  |  |

| SECTION NO. |       | COLUMN : 12 |                |            |     |        |                            |                |                      | COLUMN : 13 |                 |             |                        |        |                            |                |                      | COLUMN : 14 |                |                |     |        |                            |                |                      | COLUMN : 15 |                |                |     |        |                            |                |                      |
|-------------|-------|-------------|----------------|------------|-----|--------|----------------------------|----------------|----------------------|-------------|-----------------|-------------|------------------------|--------|----------------------------|----------------|----------------------|-------------|----------------|----------------|-----|--------|----------------------------|----------------|----------------------|-------------|----------------|----------------|-----|--------|----------------------------|----------------|----------------------|
|             |       | Item        | Cable No.      | From       | To  | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) | Item        | Cable No.       | From        | To                     | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) | Item        | Cable No.      | From           | To  | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) | Item        | Cable No.      | From           | To  | System | Qty. Of Pair / Triad/ Core | Conductor Type | Conductor Size (mm2) |
| DB-A1       | ROW A | 61          | MC- JBF-D-2108 | JBF-D-2108 | FSS | FSS    | 7                          | Pair           | 2.5                  | 76          | MC- IRP-DCS 8   | IRP         | DCS                    | DCS    | 19                         | PAIR           | 1                    | 91          | MC- Comp. A-2  | UCP-Comp. B    | IRP | UCP    | 19                         | Pair           | 1                    | 106         | MC- Comp. M1gn | UCP-Comp. M1gn | IRP | UCP    | 19                         | Pair           | 1                    |
|             |       | 62          | MC- JBF-D-2113 | JBF-D-2113 | FSS | FSS    | 7                          | Pair           | 2.5                  | 77          | MC- IRP-DCS 9   | IRP         | DCS                    | DCS    | 19                         | PAIR           | 1                    | 92          | MC- Comp. A-3  | UCP-Comp. B    | IRP | UCP    | 19                         | Pair           | 1                    | 107         | MC- Comp. M1gn | UCP-Comp. M1gn | IRP | UCP    | 19                         | Pair           | 1                    |
|             |       | 63          | MC- JBF-D-2114 | JBF-D-2114 | FSS | FSS    | 7                          | Pair           | 2.5                  | 78          | MC- IRP-DCS 10  | IRP         | DCS                    | DCS    | 19                         | PAIR           | 1                    | 93          | MC- Comp. A-4  | UCP-Comp. B    | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 64          | MC- JSD-D-2105 | JSD-D-2105 | DCS | DCS    | 19                         | Pair           | 1                    | 79          | MC- IRP-DCS 11  | IRP         | DCS                    | DCS    | 19                         | PAIR           | 1                    | 94          | MC- Comp. A-1  | UCP-Comp. C    | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 65          | MC- JBE-2-2101 | JBE-2-2101 | ESD | ESD    | 12                         | Pair           | 2.5                  | 80          | IC- DCS-UCP-1   | UCP-Charger | DCS                    | DCS    | 1                          | PAIR           | 1.5                  | 95          | MC- Comp. A-2  | UCP-Comp. C    | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             | ROW B | 66          | MC- MOV-2029   | MOV-2029   | DCS | DCS    | 12                         | Pair           | 2.5                  | 81          | IC- DCS-UCP-2   | UCP-Charger | DCS                    | DCS    | 1                          | PAIR           | 1.5                  | 96          | MC- Comp. A-3  | UCP-Comp. C    | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 67          | MC- JBF-D-2108 | JBF-D-2108 | FSS | FSS    | 7                          | Pair           | 2.5                  | 82          | MC- IRP-DCS 1   | IRP         | ESD                    | ESD    | 19                         | PAIR           | 1                    | 97          | MC- Comp. A-4  | UCP-Comp. C    | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 68          | MC- JBF-D-2109 | JBF-D-2109 | FSS | FSS    | 7                          | Pair           | 2.5                  | 83          | MC- IRP-ED-2    | IRP         | ESD                    | ESD    | 19                         | PAIR           | 1                    | 98          | MC- Comp. D1h  | UCP-Comp. D1h  | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 69          | MC- IRP-DCS 1  | IRP        | DCS | DCS    | 19                         | PAIR           | 1                    | 84          | MC- ESD-M1VSWG  | ESD         | ELECTRICAL M1VSWG (RP) | ESD    | 1                          | PAIR           | 1                    | 99          | MC- Comp. D1h  | UCP-Comp. D1h  | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 70          | MC- IRP-DCS 2  | IRP        | DCS | DCS    | 19                         | PAIR           | 1                    | 85          | IC- FAN-FG-1101 | FSS         | IRP                    | FSS    | 1                          | PAIR           | 1.5                  | 100         | MC- Comp. D1h  | UCP-Comp. D1h  | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             | ROW C | 71          | MC- IRP-DCS 3  | IRP        | DCS | DCS    | 19                         | PAIR           | 1                    | 86          | MC- Comp. A-1   | UCP-Comp. A | IRP                    | UCP    | 19                         | Pair           | 1                    | 101         | MC- Comp. D1h  | UCP-Comp. D1h  | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 72          | MC- IRP-DCS 4  | IRP        | DCS | DCS    | 19                         | PAIR           | 1                    | 87          | MC- Comp. A-2   | UCP-Comp. A | IRP                    | UCP    | 19                         | Pair           | 1                    | 102         | MC- Comp. A1-A | UCP-Comp. A1-A | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 73          | MC- IRP-DCS 5  | IRP        | DCS | DCS    | 19                         | PAIR           | 1                    | 88          | MC- Comp. A-3   | UCP-Comp. A | IRP                    | UCP    | 19                         | Pair           | 1                    | 103         | MC- Comp. A1-A | UCP-Comp. A1-A | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 74          | MC- IRP-DCS 6  | IRP        | DCS | DCS    | 19                         | PAIR           | 1                    | 89          | MC- Comp. A-4   | UCP-Comp. A | IRP                    | UCP    | 19                         | Pair           | 1                    | 104         | MC- Comp. A1-B | UCP-Comp. A1-B | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |
|             |       | 75          | MC- IRP-DCS 7  | IRP        | DCS | DCS    | 19                         | PAIR           | 1                    | 90          | MC- Comp. A-1   | UCP-Comp. B | IRP                    | UCP    | 19                         | Pair           | 1                    | 105         | MC- Comp. A1-B | UCP-Comp. A1-B | IRP | UCP    | 19                         | Pair           | 1                    |             |                |                |     |        |                            |                |                      |

**D02**  
**TOTALLY REVISED**

[illegible]

## KEY PLAN

[illegible]

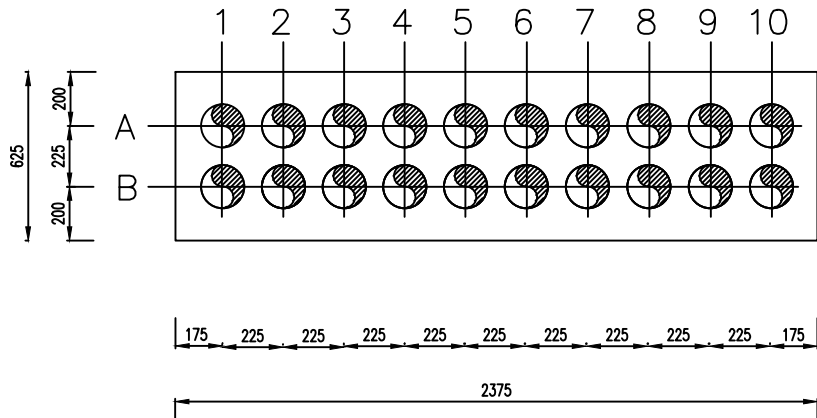
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|          |
| KEY PLAN |
|          |

|                                                                                                                                                                                                                            |             |            |            |              |          |            |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|------------|--------------|----------|------------|--|--|--|
|                                                                                                                                                                                                                            |             |            |            |              |          |            |  |  |  |
| ***                                                                                                                                                                                                                        | *****       | 00 00      | 000 0000   | 00 00        | 000 0000 |            |  |  |  |
| REV.                                                                                                                                                                                                                       | DESCRIPTION | BY         | DATE       | BY           | DATE     | REV. APPR. |  |  |  |
|                                                                                                                                                                                                                            |             | CHECKED    |            |              |          | REV. APPR. |  |  |  |
| <p>اصل و کلیه نسخ این نقشه و حق آفتابش متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.</p> <p>THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS</p> |             |            |            |              |          |            |  |  |  |
| <p>BIKANA OILFIELD DEVELOPMENT<br/>SURFACE FACILITIES<br/>GAS COMPRESSOR STATION</p>                                                                                                                                       |             |            |            |              |          |            |  |  |  |
| DATE                                                                                                                                                                                                                       | SCALE       | DRAWING BY | CHECKED BY | PROJECT ENG. |          |            |  |  |  |
|                                                                                                                                                                                                                            |             |            |            |              |          |            |  |  |  |
| NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED                                                                                                                                                                          |             |            |            |              |          |            |  |  |  |
| APPROVED FOR CONSTRUCTION                                                                                                                                                                                                  |             |            | BY:        | DATE:        |          |            |  |  |  |
| BUDGET REF.                                                                                                                                                                                                                | LOCATION    | SIZE       | CLASS      | SERIAL NO.   | SHEET    | REVISION   |  |  |  |
| 0-53-073-8184                                                                                                                                                                                                              | F           | 2          | J          | 708959       | 34       | D02        |  |  |  |

| SECTION NO. |       | COLUMNNE : 1 |                   |                 |     |        |                            |                |                      | COLUMNNE : 2 |                   |                 |       |        |                            |                |                      | COLUMNNE : 3 |                |              |       |        |                            |                |                      | COLUMNNE : 4 |                |              |       |        |                            |                |                      |
|-------------|-------|--------------|-------------------|-----------------|-----|--------|----------------------------|----------------|----------------------|--------------|-------------------|-----------------|-------|--------|----------------------------|----------------|----------------------|--------------|----------------|--------------|-------|--------|----------------------------|----------------|----------------------|--------------|----------------|--------------|-------|--------|----------------------------|----------------|----------------------|
|             |       | Item         | Cable No.         | From            | To  | System | Qty Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item         | Cable No.         | From            | To    | System | Qty Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item         | Cable No.      | From         | To    | System | Qty Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item         | Cable No.      | From         | To    | System | Qty Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) |
| OPENING ATA | ROW-A | 1            | MC- JBD-A-2111    | JBD-A-2111      | DCS | DCS    | 12                         | Pair           | 1                    | 11           | MC- Dehydration-8 | UCP-2101(FIELD) | UCP   | UCP    | 19                         | Pair           | 1                    | 21           | MC- Comp. C-8  | UCP-C(FIELD) | UCP-C | UCP    | 19                         | Pair           | 1                    | 31           | MC- Comp. B-5  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    |
|             |       | 2            | MC- JBD-A-2107    | JBD-A-2107      | DCS | DCS    | 12                         | Pair           | 1                    | 12           | MC- JBF-A-2107    | JBF-A-2107      | FGS   | FGS    | 12                         | Triad          | 1                    | 22           | MC- JBD-A-2106 | JBD-A-2106   | DCS   | DCS    | 19                         | Pair           | 1                    | 32           | MC- Comp. B-6  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    |
|             |       | 3            | MC- JBF-A-2110    | JBF-A-2110      | FGS | FGS    | 12                         | Triad          | 1                    | 13           | MC- JBU-A-2103    | JBU-A-2103      | UCP   | UCP    | 19                         | Pair           | 1                    | 23           | MC- JBE-A-2104 | JBE-A-2104   | ESD   | ESD    | 19                         | Pair           | 1                    | 33           | MC- Comp. B-7  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    |
|             |       | 4            | MC- Dehydration-1 | UCP-2101(FIELD) | UCP | UCP    | 19                         | Pair           | 1                    | 14           | MC- Comp. C-1     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | 24           | MC- JBF-A-2108 | JBF-A-2108   | FGS   | FGS    | 12                         | Triad          | 1                    | 34           | MC- Comp. B-8  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    |
|             |       | 5            | MC- Dehydration-2 | UCP-2101(FIELD) | UCP | UCP    | 19                         | Pair           | 1                    | 15           | MC- Comp. C-2     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | 25           | MC- JBF-A-2105 | JBF-A-2105   | FGS   | FGS    | 12                         | Triad          | 1                    | 35           | MC- JBD-A-2105 | JBD-A-2105   | DCS   | DCS    | 19                         | Pair           | 1                    |
|             | ROW-B | 6            | MC- Dehydration-3 | UCP-2101(FIELD) | UCP | UCP    | 19                         | Pair           | 1                    | 16           | MC- Comp. C-3     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | 26           | MC- JBU-A-2102 | JBU-A-2102   | UCP   | UCP    | 19                         | Pair           | 1                    | 36           | MC- JBE-A-2103 | JBE-A-2103   | ESD   | ESD    | 19                         | Pair           | 1                    |
|             |       | 7            | MC- Dehydration-4 | UCP-2101(FIELD) | UCP | UCP    | 19                         | Pair           | 1                    | 17           | MC- Comp. C-4     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | 27           | MC- Comp. B-1  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    | 37           | MC- JBF-A-2106 | JBF-A-2106   | FGS   | FGS    | 12                         | Triad          | 1                    |
|             |       | 8            | MC- Dehydration-5 | UCP-2101(FIELD) | UCP | UCP    | 19                         | Pair           | 1                    | 18           | MC- Comp. C-5     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | 28           | MC- Comp. B-2  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    | 38           | MC- JBF-A-2103 | JBF-A-2103   | FGS   | FGS    | 12                         | Triad          | 1                    |
|             |       | 9            | MC- Dehydration-6 | UCP-2101(FIELD) | UCP | UCP    | 19                         | Pair           | 1                    | 19           | MC- Comp. C-6     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | 29           | MC- Comp. B-3  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    | 39           | MC- JBU-A-2101 | JBU-A-2101   | UCP   | UCP    | 19                         | Pair           | 1                    |
|             |       | 10           | MC- Dehydration-7 | UCP-2101(FIELD) | UCP | UCP    | 19                         | Pair           | 1                    | 20           | MC- Comp. C-7     | UCP-C(FIELD)    | UCP-C | UCP    | 19                         | Pair           | 1                    | 30           | MC- Comp. B-4  | UCP-B(FIELD) | UCP-B | UCP    | 19                         | Pair           | 1                    | 40           | MC- Comp. A-1  | UCP-A(FIELD) | UCP-A | UCP    | 19                         | Pair           | 1                    |

| SECTION NO. |       | COLUMN E : 5 |               |              |       |        |                            |                       |      | COLUMN E : 6  |            |     |        |                            |                       |      |               | COLUMN E : 7 |     |        |                            |                |                       |  |  |
|-------------|-------|--------------|---------------|--------------|-------|--------|----------------------------|-----------------------|------|---------------|------------|-----|--------|----------------------------|-----------------------|------|---------------|--------------|-----|--------|----------------------------|----------------|-----------------------|--|--|
|             |       | Item         | Cable No.     | From         | To    | System | Qty. Of Pair / Triad/ Quad | Conductor Size ( mm2) | Item | Cable No.     | From       | To  | System | Qty. Of Pair / Triad/ Quad | Conductor Size ( mm2) | Item | Cable No.     | From         | To  | System | Qty. Of Pair / Triad/ Quad | Conductor Type | Conductor Size ( mm2) |  |  |
| OPENING A1A | ROW-A | 41           | MC-Comp. A.2  | UCP-A1(IE)LD | UCP-A | UCP    | 19 Pair / Triad/ Quad      | 1                     | 51   | MC-IBF-A-2102 | IBF-A-2102 | FGS | FGS    | 12 Triad/ Quad             | 1                     | 61   | MC-IBF-A-2111 | IBF-A-2111   | FGS | FGS    | 12 Triad/ Quad             | 1              |                       |  |  |
|             |       | 42           | MC-Comp. A.3  | UCP-A1(IE)LD | UCP-A | UCP    | 19 Pair / Triad/ Quad      | 1                     | 52   | MC-IBD-A-2102 | IBD-A-2102 | DCS | DCS    | 12 Pair / Triad/ Quad      | 1                     | 62   | MC-IBD-A-2101 | IBD-A-2101   | DCS | DCS    | 12 Pair / Triad/ Quad      | 1              |                       |  |  |
|             |       | 43           | MC-Comp. A.4  | UCP-A1(IE)LD | UCP-A | UCP    | 19 Pair / Triad/ Quad      | 1                     | 53   | MC-IBD-A-2103 | IBD-A-2103 | DCS | DCS    | 19 Pair / Triad/ Quad      | 1                     |      |               |              |     |        |                            |                |                       |  |  |
|             |       | 44           | MC-Comp. A.5  | UCP-A1(IE)LD | UCP-A | UCP    | 19 Pair / Triad/ Quad      | 1                     | 54   | MC-IRE-A-2101 | IRE-A-2101 | ESD | ESD    | 19 Pair / Triad/ Quad      | 1                     |      |               |              |     |        |                            |                |                       |  |  |
|             |       | 45           | MC-Comp. A.6  | UCP-A1(IE)LD | UCP-A | UCP    | 19 Pair / Triad/ Quad      | 1                     | 55   | MC-IBF-A-2101 | IBF-A-2101 | FGS | FGS    | 12 Triad/ Quad             | 1                     |      |               |              |     |        |                            |                |                       |  |  |
|             | ROW-B | 46           | MC-Comp. A.7  | UCP-A1(IE)LD | UCP-A | UCP    | 19 Pair / Triad/ Quad      | 1                     | 56   | MC-IBF-A-2102 | IBF-A-2102 | FGS | FGS    | 12 Triad/ Quad             | 1                     |      |               |              |     |        |                            |                |                       |  |  |
|             |       | 47           | MC-Comp. A.8  | UCP-A1(IE)LD | UCP-A | UCP    | 19 Pair / Triad/ Quad      | 1                     | 57   | MC-IBD-A-2108 | IBD-A-2108 | DCS | DCS    | 12 Pair / Triad/ Quad      | 1                     |      |               |              |     |        |                            |                |                       |  |  |
|             |       | 48           | MC-IBD-A-2104 | IBD-A-2104   | DCS   | DCS    | 19 Pair / Triad/ Quad      | 1                     | 58   | MC-IRE-A-2105 | IRE-A-2105 | ESD | ESD    | 12 Pair / Triad/ Quad      | 1                     |      |               |              |     |        |                            |                |                       |  |  |
|             |       | 49           | MC-IRE-A-2102 | IRE-A-2102   | ESD   | ESD    | 19 Pair / Triad/ Quad      | 1                     | 59   | MC-IRE-A-2106 | IRE-A-2106 | ESD | ESD    | 19 Pair / Triad/ Quad      | 1                     |      |               |              |     |        |                            |                |                       |  |  |
|             |       | 50           | MC-IBF-A-2104 | IBF-A-2104   | FGS   | FGS    | 12 Triad/ Quad             | 1                     | 60   | MC-IBF-A-2109 | IBF-A-2109 | FGS | FGS    | 12 Triad/ Quad             | 1                     |      |               |              |     |        |                            |                |                       |  |  |



OPENING "A1A"  
2\*10-PVC 6"  
DETAILS "A1A"

(VENDOR TITLE BLOCK)\*\*

[illegible]

| SECTION NO. |       | COLUMN: 5 |               |             |       |        |                             |                |                      | COLUMN: 6 |                |             |     |        |                             |                |                      | COLUMN: 7 |                |             |                         |        |                             |                |                      | COLUMN: 8 |             |            |     |        |                             |                |                      |
|-------------|-------|-----------|---------------|-------------|-------|--------|-----------------------------|----------------|----------------------|-----------|----------------|-------------|-----|--------|-----------------------------|----------------|----------------------|-----------|----------------|-------------|-------------------------|--------|-----------------------------|----------------|----------------------|-----------|-------------|------------|-----|--------|-----------------------------|----------------|----------------------|
|             |       | Item      | Cable No.     | From        | To    | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item      | Cable No.      | From        | To  | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item      | Cable No.      | From        | To                      | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) | Item      | Cable No.   | From       | To  | System | Qty. Of Pair / Triad / Core | Conductor Type | Conductor Size (mm2) |
| OPENING A1B | ROW-A | 41        | MC-Comp-A-10  | UCP-A(FB.D) | UCP-A | UCP    | 19                          | Pair           | 1                    | 51        | MC-JBU-S-2101  | JBU-S-2101  | UCP | UCP    | 7                           | Pair           | 2.5                  | 76        | MC-IRP-DCS-8   | IRP         | DCS                     | DCS    | 19                          | PAIR           | 1                    | 86        | MC-Comp-A-1 | UCP-Comp-A | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 42        | MC-Comp-A-11  | UCP-A(FB.D) | UCP-A | UCP    | 19                          | Pair           | 1                    | 52        | MC-UCP-PK-2207 | UCP-PK-2207 | UCP | UCP    | 19                          | Pair           | 1                    | 77        | MC-IRP-DCS-9   | IRP         | DCS                     | DCS    | 19                          | PAIR           | 1                    | 87        | MC-Comp-A-2 | UCP-Comp-A | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 43        | MC-Comp-A-12  | UCP-A(FB.D) | UCP-A | UCP    | 19                          | Pair           | 1                    | 53        | MC-JBF-D-2110  | JBF-D-2110  | FGS | FGS    | 7                           | Pair           | 2.5                  | 78        | MC-IRP-DCS-10  | IRP         | DCS                     | DCS    | 19                          | PAIR           | 1                    | 88        | MC-Comp-A-3 | UCP-Comp-A | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 44        | MC-Comp-A-13  | UCP-A(FB.D) | UCP-A | UCP    | 19                          | Pair           | 1                    | 54        | MC-JBF-D-2111  | JBF-D-2111  | FGS | FGS    | 7                           | Pair           | 2.5                  | 79        | MC-IRP-DCS-11  | IRP         | DCS                     | DCS    | 19                          | PAIR           | 1                    | 89        | MC-Comp-A-4 | UCP-Comp-A | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 45        | MC-Comp-A-14  | UCP-A(FB.D) | UCP-A | UCP    | 19                          | Pair           | 1                    | 55        | MC-JBD-D-2102  | JBD-D-2102  | DCS | DCS    | 19                          | Pair           | 1                    | 80        | IC-DCS-UCF1    | UCP-Charger | DCS                     | DCS    | 1                           | PAIR           | 1.5                  | 90        | MC-Comp-A-1 | UCP-Comp-B | IRP | UCP    | 19                          | Pair           | 1                    |
|             | ROW-B | 46        | MC-Comp-A-15  | UCP-A(FB.D) | UCP-A | UCP    | 19                          | Pair           | 1                    | 56        | MC-JBS-S-2102  | JBS-S-2102  | ESD | ESD    | 12                          | Pair           | 2.5                  | 81        | IC-DCS-UCF2    | UCP-Charger | DCS                     | DCS    | 1                           | PAIR           | 1.5                  | 91        | MC-Comp-A-2 | UCP-Comp-B | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 47        | MC-JBD-D-2103 | JBD-D-2103  | DCS   | DCS    | HOLD                        | Pair           | 1                    | 57        | MC-JBF-D-2101  | JBF-D-2101  | FGS | FGS    | 7                           | Pair           | 1                    | 82        | MC-IRP-ESD-1   | IRP         | ESD                     | ESD    | 19                          | PAIR           | 1                    | 92        | MC-Comp-A-3 | UCP-Comp-B | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 48        | MC-JBD-S-2101 | JBD-S-2101  | DCS   | DCS    | 7                           | Pair           | 2.5                  | 58        | MC-JBF-D-2101  | JBF-D-2101  | ESD | ESD    | 7                           | Pair           | 1                    | 83        | MC-IRP-ESD-2   | IRP         | ESD                     | ESD    | 19                          | PAIR           | 1                    | 93        | MC-Comp-A-4 | UCP-Comp-B | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 49        | MC-JBS-S-2103 | JBS-S-2103  | ESD   | ESD    | 12                          | Pair           | 2.5                  | 59        | MC-JBS-D-2102  | JBS-D-2102  | ESD | ESD    | 7                           | Pair           | 2.5                  | 84        | MC-ESD-MW5WG   | ESD         | ELECTRICAL MV SWG (IRP) | ESD    | 7                           | PAIR           | 1                    | 94        | MC-Comp-A-1 | UCP-Comp-C | IRP | UCP    | 19                          | Pair           | 1                    |
|             |       | 50        | MC-JBU-D-2101 | JBU-D-2101  | UCP   | UCP    | 19                          | Pair           | 1                    | 60        | MC-JBF-D-2103  | JBF-D-2103  | ESD | ESD    | 7                           | Pair           | 1                    | 85        | IC-TAN-FG-1101 | FGS         | IRP                     | FGS    | 1                           | PAIR           | 1.5                  | 95        | MC-Comp-A-2 | UCP-Comp-C | IRP | UCP    | 19                          | Pair           | 1                    |

(VENDOR TITLE BLOCK)\*\*

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