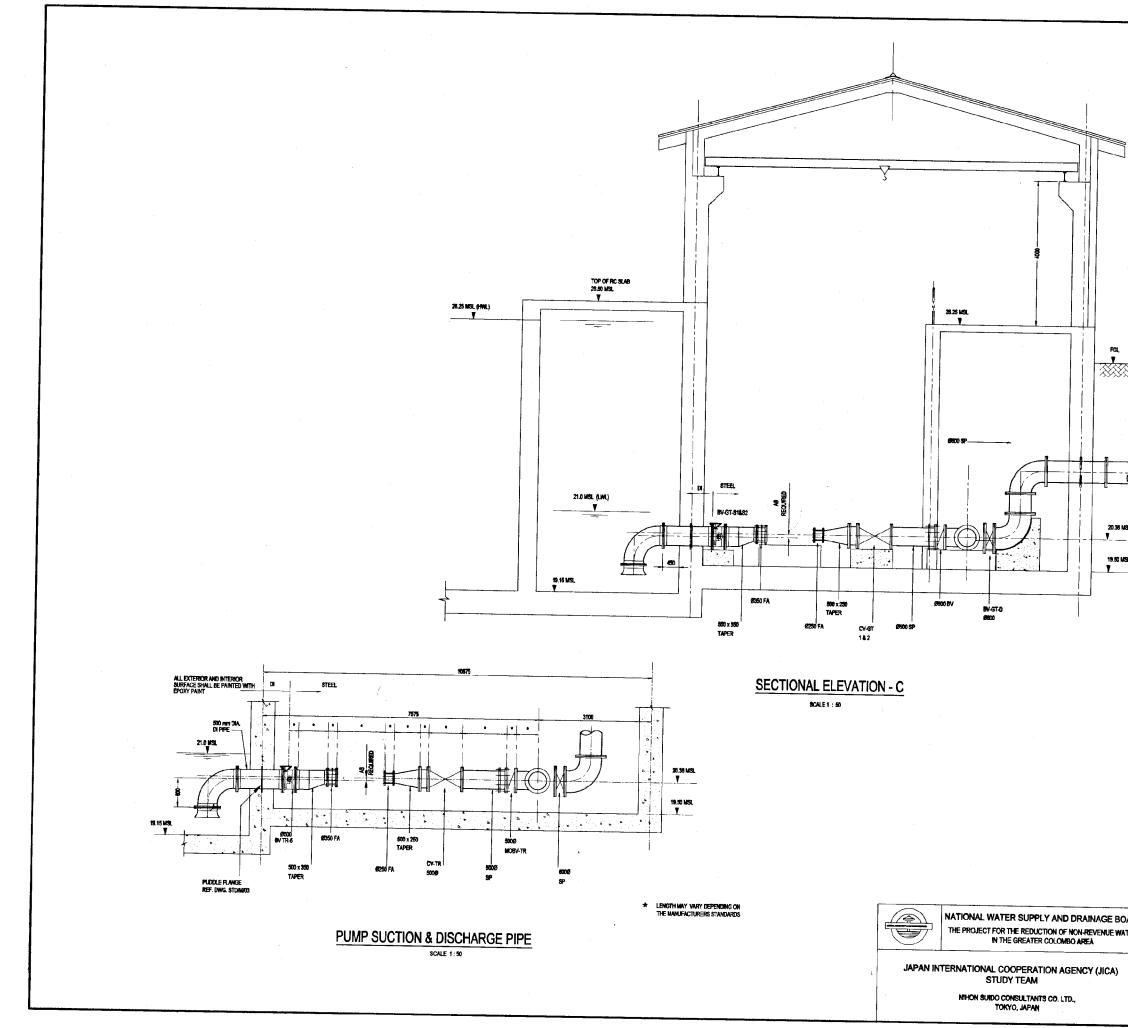
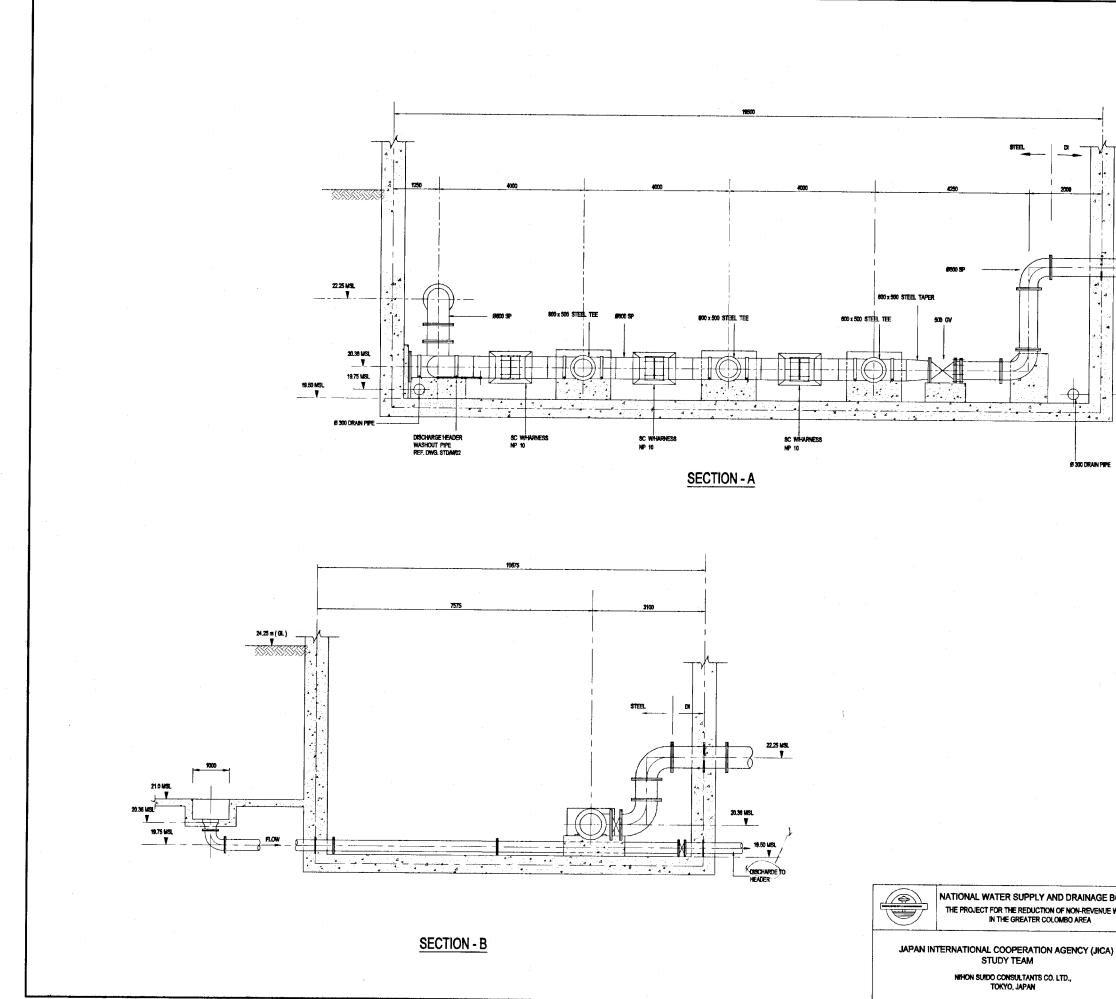


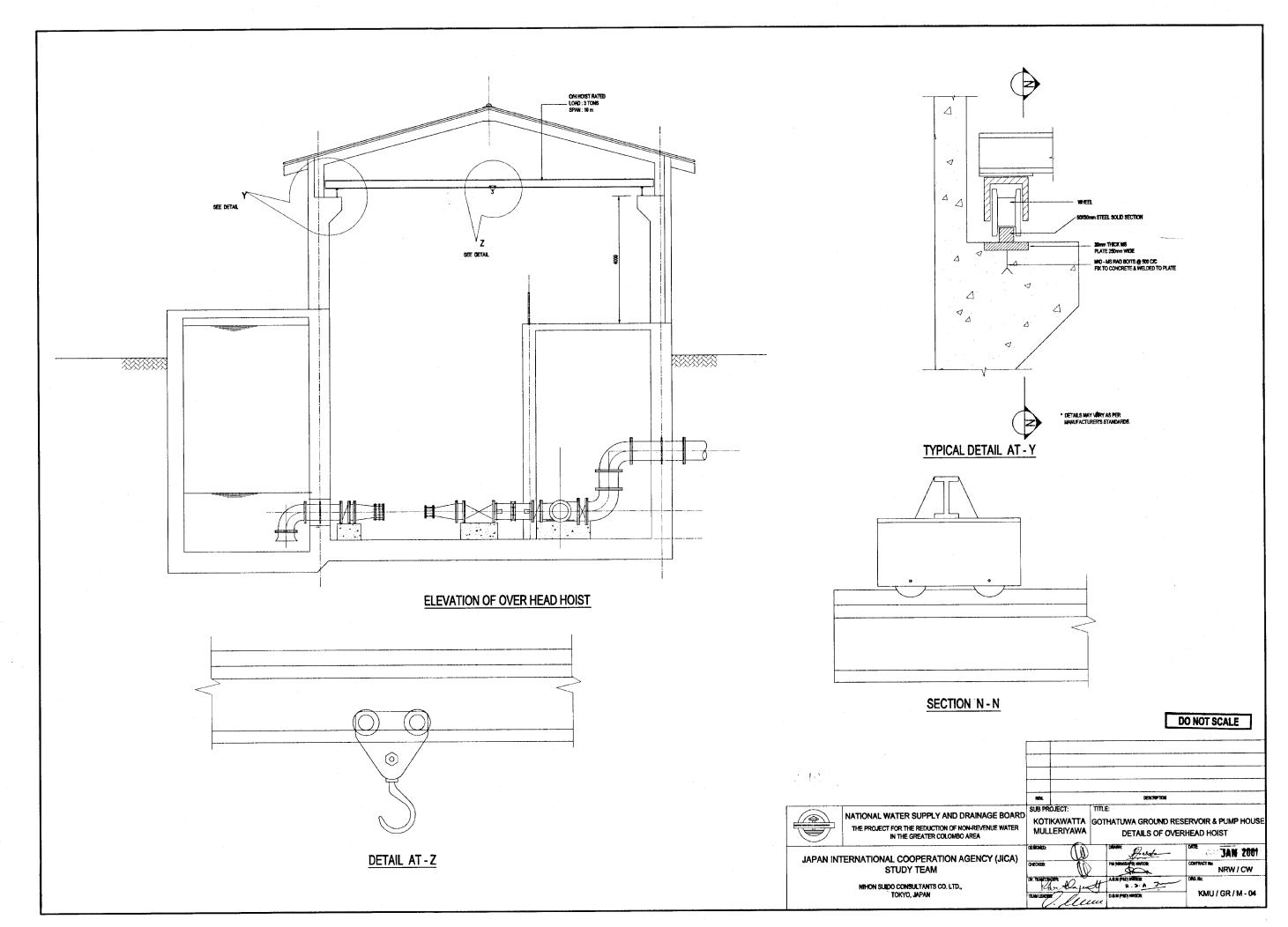
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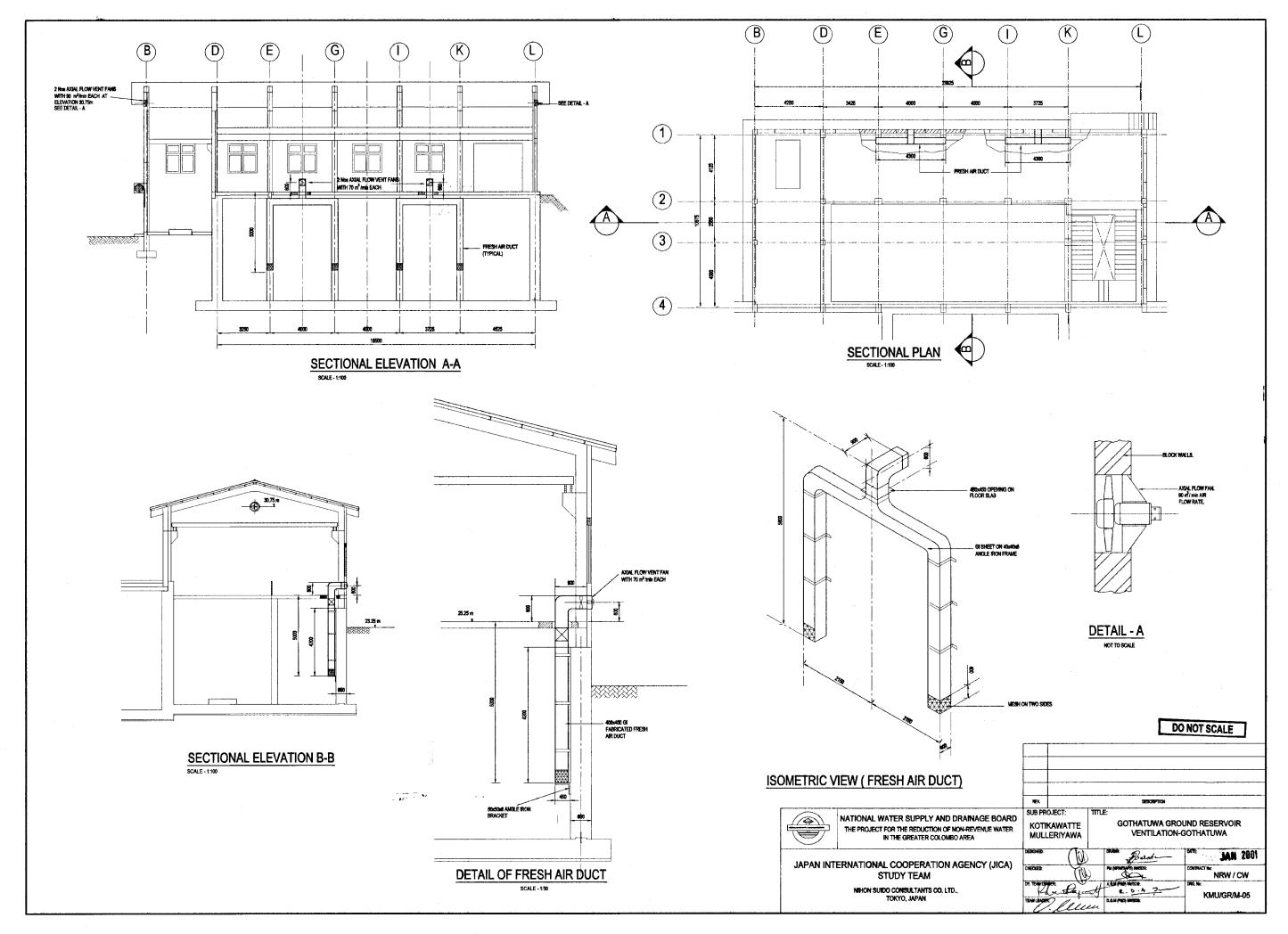
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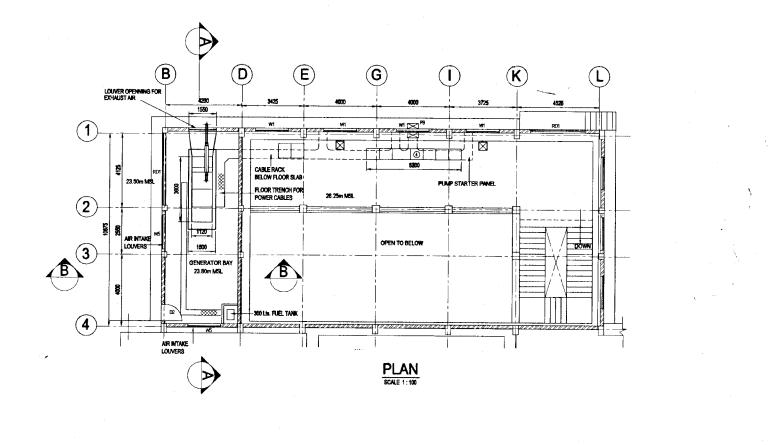


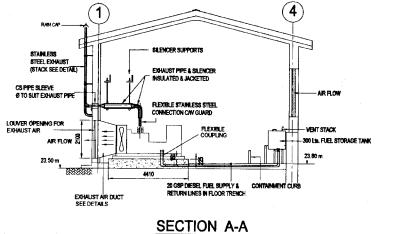
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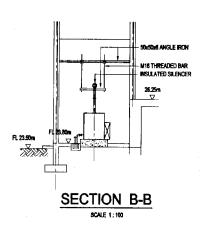
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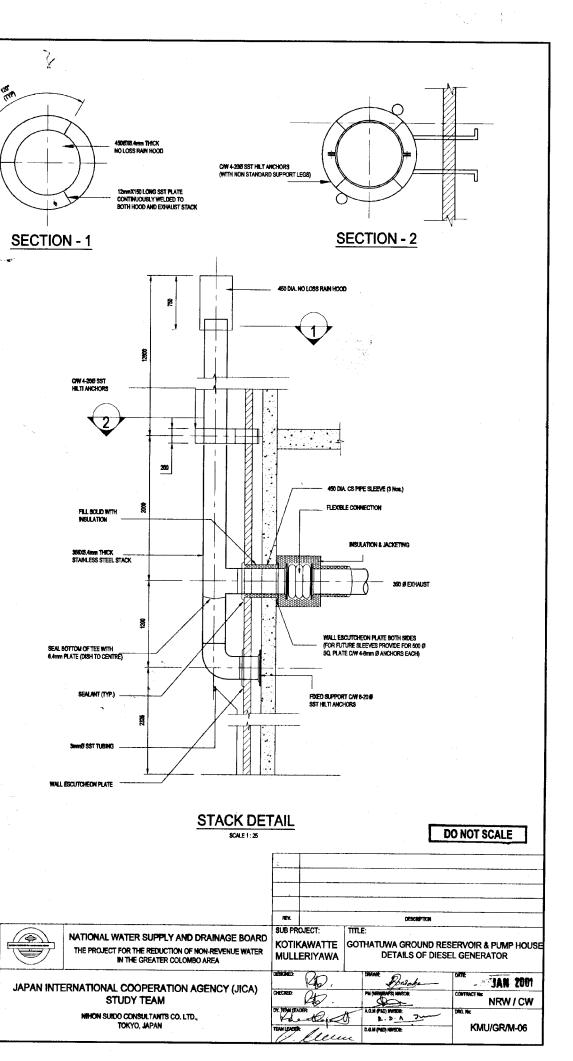


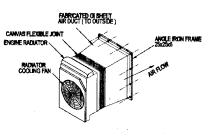




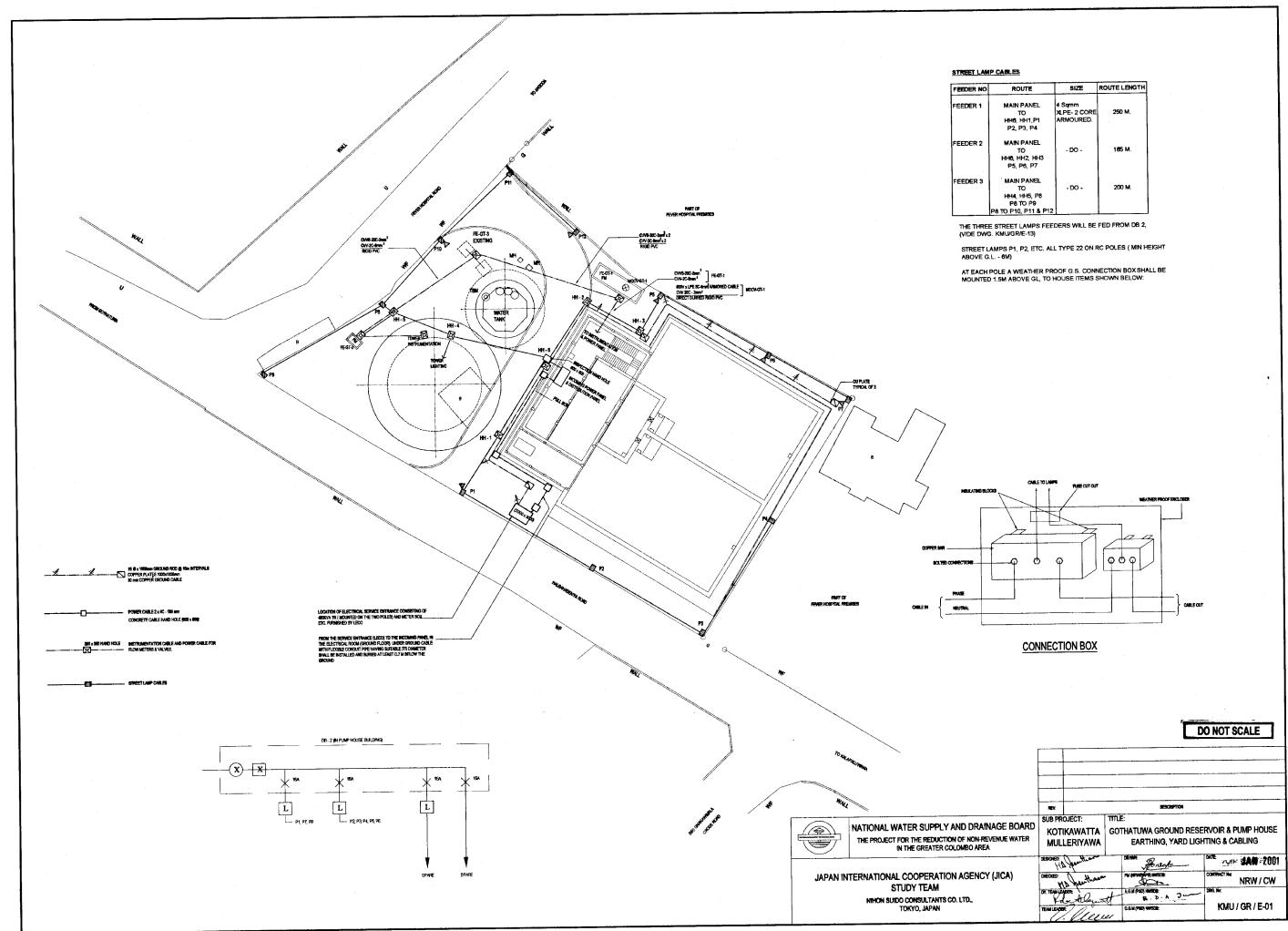
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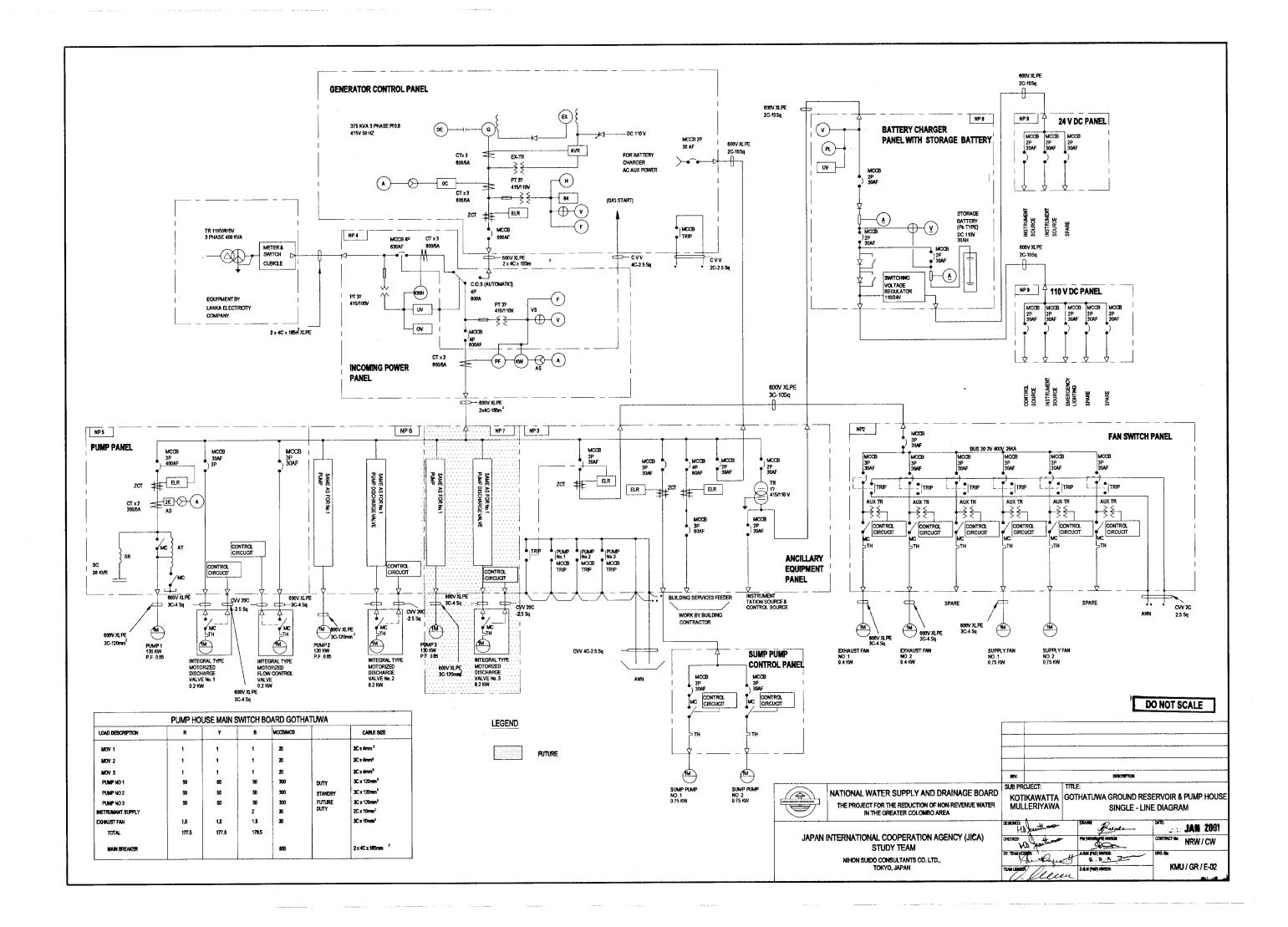




DETAIL OF EXHAUST AIR DUCT NOT TO SCALE



| ROUTE | SIZE | ROUTE LENGTH |
|---|-------------------------------------|--------------|
| MAIN PANEL TO HH8, HH1, P1 P2, P3, P4 | 4 Sqmm XLPE- 2 CORE ARMOURED. | 250 M, |
| MAIN PANEL TO HH6, HH2, HH3 P5, P6, P7 | - DO - | 165 M. |
| MAIN PANEL TO HH4, HH5, P8 P8 TO P9 | - 00 - | 200 M. |



DEPTH ; 800 mm DEPTH ; 600 mm PL BUZZER NP 4 € NP 4 € NP 4 € NP 4 € NP 5 NP 44 NP 46 NP 51 NP 36 NP 43 NP 46 NP 51 NP 36 NP 43 NP 46 NP 51 NP 36 NP 43 NP 51 NP 36 NP 43 NP 46 NP 51 NP 36 NP 43 NP 46 NP 51 NP 36 NP 43 NP 46 NP 51 NP 36 NP 44 NP 51 NP 36 NP 44 NP 46 NP 51 NP 56 NP 55 NP 56 NOTE BUZZER NP7 NPS NP9 NP1 NP2 NP3 ANN & STATUS \bigcirc F NP 45 PF NP 11 NP 12 NP 13 NP 14 NP 21 NP 22 NP 23 NP 51 NP 58 NP 43 <u>, r = 2</u> _C___ NP 24 NP 25 NP 26 MCCB UVR NP 22 MCCB NP21 AS AS PS21 PS22 NP 23 vs □ ΦΦ NP 17 PS1 PS2 PS3 FF FF ₩P 47 ™ === © ______ LOCABLE HANDLE LOCABLE NP 24 ORAGE BATTERY CELLS SIDE PANEL 111 (FOR MCCB) Ľ___ 1 MCCB NP 31 ┟<u></u><u></u><u></u>└</u><u></u><u></u><u></u> ╒═╕╒╪╕╒═╕ , <u>[</u>] _____ MCCB MCCB MCCB 1 i i UVR OVR omo لتستا L T ТТ T 700 700 700 600 700 1000 NP 6 PUMP No. 2 PANEL NP 9 DC (110V/24V) PANE NP 4 INCOMING POWER PANEL NP 1 INSTRUMENT PANEL NP 21 BATTERY CHARGER NP 11 INFLOWOUTFLOW mh NP 22 CHARGER OUT PUT NP 12 RESERVOIR/TOWER WL NP 23 BATTERY / CHARGE NP 13 INFLOW ACCUMULATIVE m 3 NP 24 DC 24 V FEEDER -NP 25 DC 24 V FEEDER -NP 14 OUTFLOW ACCUMULATIVE m 3 _____ NP 26 DC 24 V FEEDER FLOPPY DISK DRIVE NP 15 RECORDER (INFLOWOUTFLOWOUTFLOW) NP 27 DC 110V FEEDER NP 16 -----NP 17 RECORDER (RESERVOIR WL/TOWER WL/ EXIST TOWER WL) NP 28 DC 110V FEEDER NP 29 DC 110V FEEDER

| NP 18 | EXISTING TOWER WL | |
|------------------|--|--|
| P\$1 | PUSH BUTTON SW (LAMP TEST) | |
| PS2 | PUSH BUTTON SW (LAMP TEST) | |
| PS3 | PUSH BUTTON SW (LAMP TEST) | |
| | | |
| NP 2 | FAN SWITCH PANEL | |
| | | |
| NP 21 | EXHAUST FAN No. 1 | |
| NIP 21 NIP 22 | EXHAUST FAN No. 1 EXHAUST FAN No. 2 | |
| | | |
| NP 22 | EXHAUST FAN No. 2 | |
| NIP 22 NIP 23 | EXHAUST FAN No. 2 SUPPLY FAN No. 1 | |

ANCILLARY EQUIPMENT PANEL

NP 3

| NP 41 | SYSTEM FREQUENCY |
|-------|-------------------------------------|
| NP 42 | SYSTEM POWER |
| NP 43 | SYSTEM CURRENT |
| NP 44 | SYSTEM VOLTAGE |
| NP 45 | SYSTEM POWER FACTOR |
| NP 46 | ENERGY (COMMERCIAL POWER RECEIVING) |
| NP 47 | COMMERCIAL POWER CB |
| NP 48 | SYSTEM CB |
| AS | AMMETER SELECTOR SW (R-S-T) |
| vs | VOLTMETER SELECTOR SW (RS-ST-TR) |
| | CONTROL SW (ON-OFF) SPRING RETURN |

| NP 51 | PUMP CURRENT |
|--------|---|
| NP 52 | INFLOW CONTROL VALVE POSITION INDICATOR |
| NP 53 | PUMP INDIVIDUAL OPERATION (FOR CS 51) |
| NP 54 | PUMP/DISCHARGE VALVE LINK UP OPERATION (FOR CS 52) |
| NP 55 | DISCHARGE VALVE INDMIDUAL OPERATION (FOR CS 53) |
| NP 56 | INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) |
| NP 57 | INFLOW CONTROL VALVE AUTO OPERATION (FOR CS 55) |
| NP 58 | PUMP SUCTION PRESSURE |
| COS 51 | PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL-LINK UP) |
| COS 52 | PUMP SELECTION MODE SW (No. 1+No.2-No.2+No.3-No.3+No.1) |
| COS 53 | INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (MANUAL - AUTO) |
| COS 54 | OVER RIDE SELECTOR SW (OVER RIDE-OFF) |
| CS 51 | CONTROL SW (ON-OFF) SPRING RETURN |
| CS 52 | CONTROL SW (RUN-STOP) SPRING RETURN |
| CS 53 | CONTROL SW (OPEN-CLOSE) SPRING RETURN |
| CS 54 | CONTROL SW (OPEN-CLOSE) SPRING RETURN |
| CS 55 | CONTROL SW (ON-OFF) SPRING RETURN |
| ES | EMERGENCY STOP SW (PUSH BUTTON) |

| NP 53 PUMP INDIVIDUAL OPERATION (FOR CS 51) NP 54 PUMP/DISCHARGE VALVE LINK UP OPERATION (FOR CS 52) NP 55 DISCHARGE VALVE INDIVIDUAL OPERATION (FOR CS 53) NP 55 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 58 PUMP SUCTION PRESSURE COS 51 PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL-UNK UP) PUMP SELECTION MODE SW (Na 1+Na 2Na 2+Na 3Na 3+Na 1) COS 51 PUMP SELECTION MODE SELECTOR SW (INDIVIDUAL-UNK UP) COS 52 PUMP SELECTION MODE SW (Na 1+Na 2Na 2+Na 3+Na 3+Na 1) COS 53 OVER RIDE SELECTOR SW (INVERTIBLE OFF) COS 54 OVER RIDE SELECTOR SW (INVERTIBLE OFF) CONTROL SW (ON-OFF) SPRING RETURN CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 52 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 54 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 56 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 56 CONTROL SW (OPEN-STOP SW (PUSH BUTTON) </th |
|---|
| NP 53 PUMP INDIVIDUAL OPERATION (FOR CS 51) NP 54 PUMP/DISCHARGE VALVE LINK UP OPERATION (FOR CS 52) NP 55 DISCHARGE VALVE INDIVIDUAL OPERATION (FOR CS 53) NP 56 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 58 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 59 PUMP SUCTION PRESSURE COS 51 PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL-LINK UP) COS 52 PUMP SELECTOR MODE SWI (No 1+No 2+No 2+No 3+No 3+No 3+No 1) COS 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (INDIVIDUAL-LINK UP) COS 52 PUMP SELECTOR SW (OVER RIDE-OFF) CS 51 CONTROL SW (NO-OFF) SPRING RETURN CS 54 CONTROL SW (RUF-STOP) SPRING RETURN CS 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 54 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS |
| NP 54 PUMP/DDSCHARGE VALVE LINK UP OPERATION (FOR CS 52) NP 55 DISCHARGE VALVE INDIVIDUAL OPERATION (FOR CS 53) NP 56 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE AUTO OPERATION (FOR CS 55) NP 58 INFLOW CONTROL VALVE AUTO OPERATION (FOR CS 55) NP 59 PUMP SUCTION PRESSURE COS 51 PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL-LINK UP) PUMP SELECTION NODE SELECTOR SW (INDIVIDUAL-LINK UP) COS 52 PUMP SELECTION NODE SELECTOR SW (INDIVIDUAL-LINK UP) COS 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (INDIVIDUAL-LINK UP) COS 54 OVER RIDE SELECTOR SW (OVER RIDE-OFF) COS 54 OVER RIDE SELECTOR SW (INDIVIDUAL-DISE) CONTROL SW (RUN-OFF) SPRING RETURN CCS 52 CONTROL SW (RUN-OFF) SPRING RETURN CCS 53 CONTROL SW (OPEN-GLOSE) SPRING RETURN CCS 54 CONTROL SW (ON-OFF) SPRING RETURN CCS 55 CONTROL SW (ON-OFF) SPRING RETURN CCS 55 CONTROL SW (ON-OFF) SPRING RETURN E EMERGENCY STOP SW (PUSH BUTTON) E |
| NP 55 DISCHARGE VALVE INDIVIDUAL OPERATION (FOR CS 53) NP 56 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE AUTO OPERATION (FOR CS 55) NP 58 PUMP SUCTION PRESSURE COS 51 PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL-UNK UP) COS 52 PUMP SELECTION MODE SELECTOR SW (INDIVIDUAL-UNK UP) COS 52 PUMP SELECTOR SW (VER RIDE-OFF) COS 54 OVER RIDE SELECTOR SW (VER RIDE-OFF) CS 51 CONTROL SW (RUN-OFF) SPRING RETURN CS 52 CONTROL SW (RUN-STOP) SPRING RETURN CS 53 CONTROL SW (RUN-STOP) SPRING RETURN CS 54 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 54 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN ES EMERGENCY STOP SW (PUSH BUTTOM) |
| NP 56 INFLOW CONTROL VALVE MANUAL OPERATION (FOR CS 54) NP 57 INFLOW CONTROL VALVE AUTO OPERATION (FOR CS 55) NP 57 INFLOW CONTROL VALVE AUTO OPERATION (FOR CS 55) PUMP SUCTION PRESSURE ECOS 51 PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL-UNK UP) DOS 52 PUMP SELECTION MODE SW (Na 1+Na 2+Na 2+Na 3+Na 3+Na 3+Na 1) DC0S 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (MANUAL - AUTO COS 54 OVER RIDE SELECTOR SW (OVER RIDE-OFF) ES CONTROL SW (RUN-OFF) SPRING RETURN CS 52 CONTROL SW (RUN-STOP) SPRING RETURN CS 53 CONTROL SW (RUN-STOP) SPRING RETURN CS 54 CONTROL SW (OPEN-QLOSE) SPRING RETURN CS 54 CONTROL SW (OPEN-QLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 54 CONTROL SW (ON-OFF) SPRING RETURN ES EMERGENCY STOP SW (PUSH BUTTOM) ES |
| NP 57 INFLOW CONTROL VALVE AUTO OPERATION (FOR CS 55) IP 58 PUMP SUCTION PRESSURE 2005 51 PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL LUNK UP) 2005 52 PUMP SELECTION MODE SELECTOR SW (INDIVIDUAL LUNK UP) 2005 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (INDIVIDUAL LUNK UP) 2005 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (INMINIAL - AUTO DOS 54 2005 54 OVER RIDE SELECTOR SW (OVER RIDE OFF) 205 55 CONTROL SW (RN-OFF) SPRING RETURN 205 52 CONTROL SW (RUN-STOP) SPRING RETURN 205 53 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 55 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 55 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 55 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 55 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 64 CONTROL SW (OPEN-CLOSE) SPRING RETURN 205 70 CONTROL SW (PUSH BUTTOM) |
| NP 56 PUMP SUCTION PRESSURE COS 51 PUMP OPERATION MODE SELECTOR SW (INDIVIDUAL-UNK UP) COS 52 PUMP SELECTION MODE SW (INDIVIDUAL-UNK UP) COS 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (INDIVIDUAL-UNK UP) COS 54 OVER RIDE SELECTOR SW (INDIVIDUAL-UNK UP) COS 54 OVER RIDE SELECTOR SW (INDIVIDUAL-UNK UP) COS 55 CONTROL SW (ON-FI) SPRING RETURN CS 52 CONTROL SW (INDIF) SPRING RETURN CS 53 CONTROL SW (INDIF) SPRING RETURN CS 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 54 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (PUSH BUTTON) |
| COS 51 PUMP OPERATION MODE SELECTOR SW (INCIVIDUAL LINK UP) COS 52 PUMP SELECTION MODE SW (INCIVIDUAL LINK UP) COS 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (INANUAL - AUTO) COS 54 OVER RIDE SELECTOR SW (IVER RIDE-OFF) CS 51 CONTROL SW (ON-OFF) SPRING RETURN CS 52 CONTROL SW (ON-OFF) SPRING RETURN CS 53 CONTROL SW (OPEN-GLOSE) SPRING RETURN CS 54 CONTROL SW (OPEN-GLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (OPEN-GLOSE) SPRING RETURN CS 56 CONTROL SW (OPEN-GLOSE) SPRING RETURN ES EMERGENCY STOP SW (PUSH BUTTON) |
| 2005 52 PUMP SELECTION MODE \$W (No 1+No 2No 2No 2No 3No 3No 1) 2005 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (MANUAL - AUTO COS 54 2005 54 OVER RIDE SELECTOR SW (OVER RIDE-OFF) 205 51 CONTROL SW (ON-OFF) SPRING RETURN 205 52 CONTROL SW (RUA-STOP) SPRING RETURN 205 53 CONTROL SW (RUA-STOP) SPRING RETURN 205 54 CONTROL SW (RUA-OSE) SPRING RETURN 205 54 CONTROL SW (OPEN-GLOSE) SPRING RETURN 205 55 CONTROL SW (RUA-OFF) SPRING RETURN 205 55 CONTROL SW (RUA-OFF) SPRING RETURN 205 56 CONTROL SW (RUA-OFF) SPRING RETURN 205 55 CONTROL SW (RUA-OFF) SPRING RETURN 205 56 CONTROL SW (RUA-OFF) SPRING RETURN 205 58 EMERGENCY STOP SW (PUSH BUTTON) |
| COS 53 INFLOW CONTROL VALVE OPERATION MODE SELECTOR SW (MANUAL - AUTO COS 54 OVER RIDE SELECTOR SW (OVER RIDE-OFF) CS 51 CONTROL SW (ON-OFF) SPRING RETURN COS 52 CS 52 CONTROL SW (RUA-STOP) SPRING RETURN CS 53 CONTROL SW (RUA-STOP) SPRING RETURN CS 53 CONTROL SW (RUA-STOP) SPRING RETURN CS 54 CONTROL SW (RUA-STOP) SPRING RETURN CS 55 CONTROL SW (RUA-OFF) SPRING RETURN ES EMERGENCY STOP SW (PUSH BUTTON) |
| COS 54 OVER RIDE SELECTOR SW (OVER RIDE-OFF) CS 51 CONTROL SW (RUA-OFF) SPRING RETURN CS 52 CONTROL SW (RUA-STOP) SPRING RETURN CS 53 CONTROL SW (RUA-STOP) SPRING RETURN CS 54 CONTROL SW (OPEN-QOSE) SPRING RETURN CS 55 CONTROL SW (OPEN-QOSE) SPRING RETURN CS 55 CONTROL SW (OPEN-QOSE) SPRING RETURN ES EMERGENCY STOP SW (PUSH BUTTOM) |
| CS 51 CONTROL SW (ON-OFF) SPRING RETURN CS 52 CONTROL SW (RUN-STOP) SPRING RETURN CS 53 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN ES EWERGENCY STOP SW (PUSH BUTTON) |
| CONTROL SW (RUN-STOP) SPRING RETURN CS 53 CONTROL SW (PDEN-CLOSE) SPRING RETURN CS 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN ES EMERGENCY STOP SW (PUSH BUTTOM) |
| CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 55 CONTROL SW (ON-OFF) SPRING RETURN CS 56 EMERGENCY STOP SW (PUSH BUTTON) |
| 25 54 CONTROL SW (OPEN-CLOSE) SPRING RETURN 25 55 CONTROL SW (ON-OFF) SPRING RETURN 25 EMERGENCY STOP SW (PUSH BUTTON) |
| 25 55 CONTROL SW (ON-OFF) SPRING RETURN ES EMERGENCY STOP SW (PUSH BUTTON) |
| ES EMERGENCY STOP SW (PUSH BUTTON) |
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| NP 7 PLIMP No. 3 PANEL (PUTURE) |
| NP 7 PUMP No. 3 PANEL (FUTURE) |
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| NP 8 BATTERY CHARGER & BATTERY PANEL |
| NP 11 INPUT AC VOLTAGE |
| NP 12 CHARGER OUTPUT VOLT/BATTERY TERMINAL |
| NP 13 BATTERY CHARGE CURRENT |
| NP 14 BATTERY DISCHARGE CURRENT |
| VS DC VOLTMETER SELECTOR SW (CH V - BAT. V) |

| NP 30 | DC 110V FEEDER | • |
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| NP 31 | DC 110V FEEDER | |
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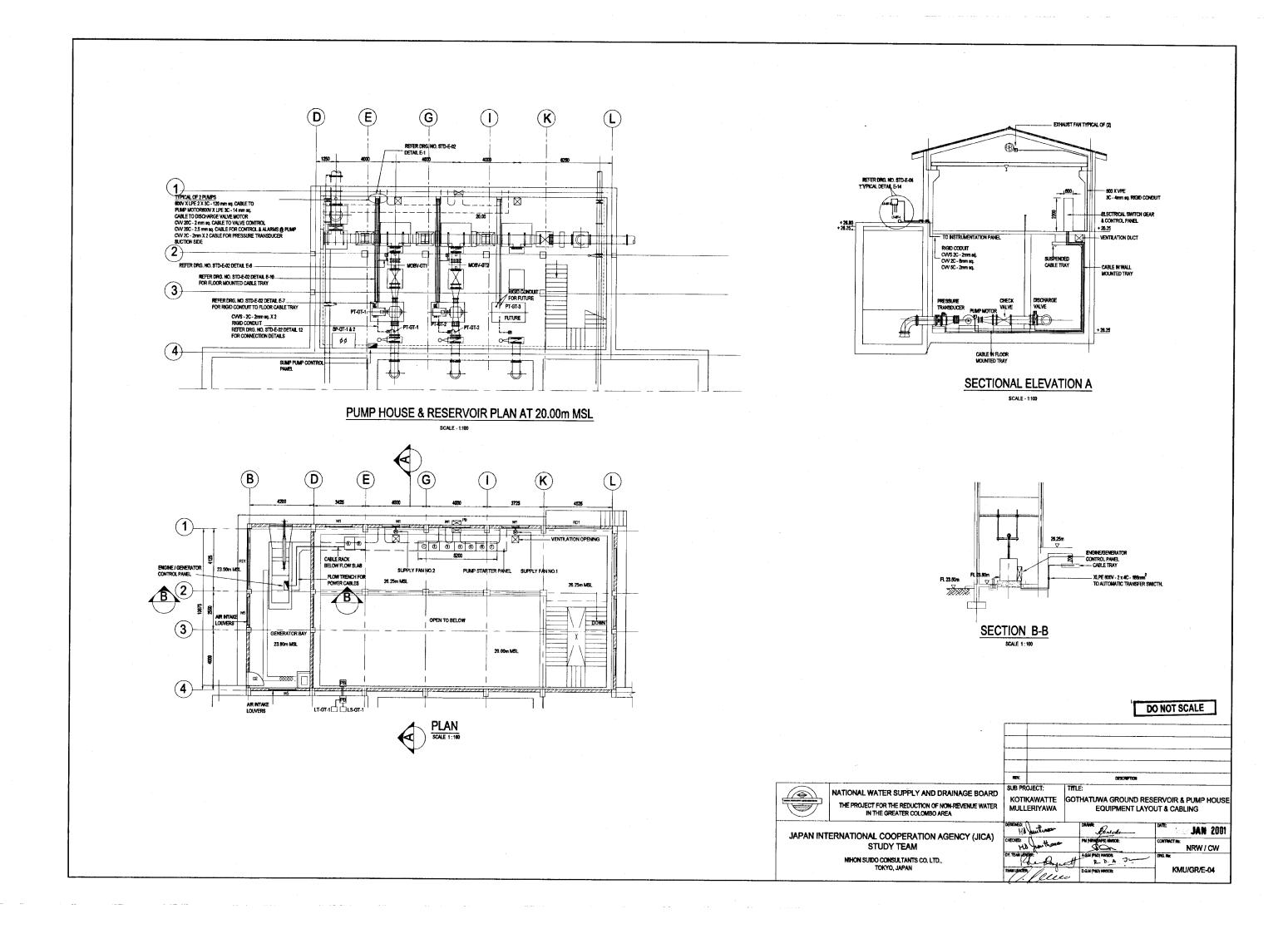
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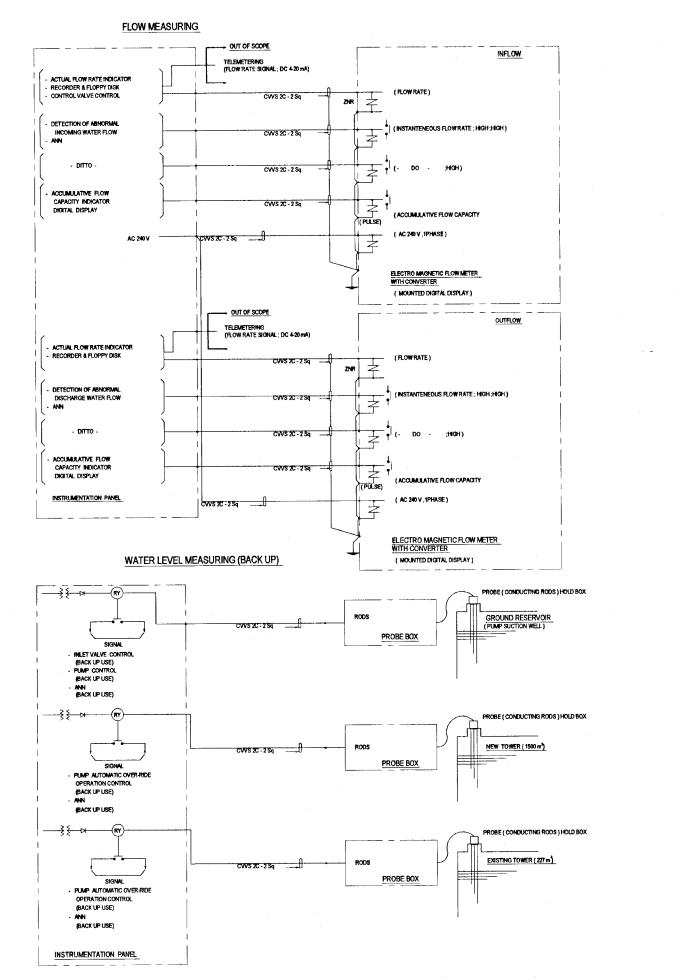


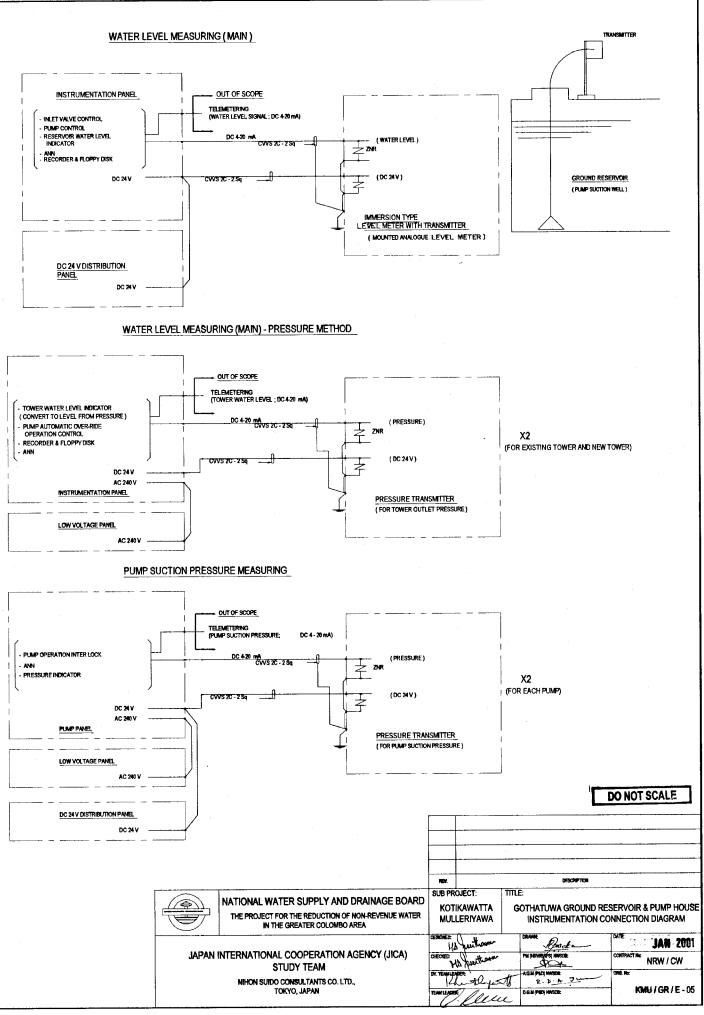
NATIONAL WATER SUPPLY AND DRAINAG THE PROJECT FOR THE REDUCTION OF NON-REVEN IN THE GREATER COLOMBO AREA

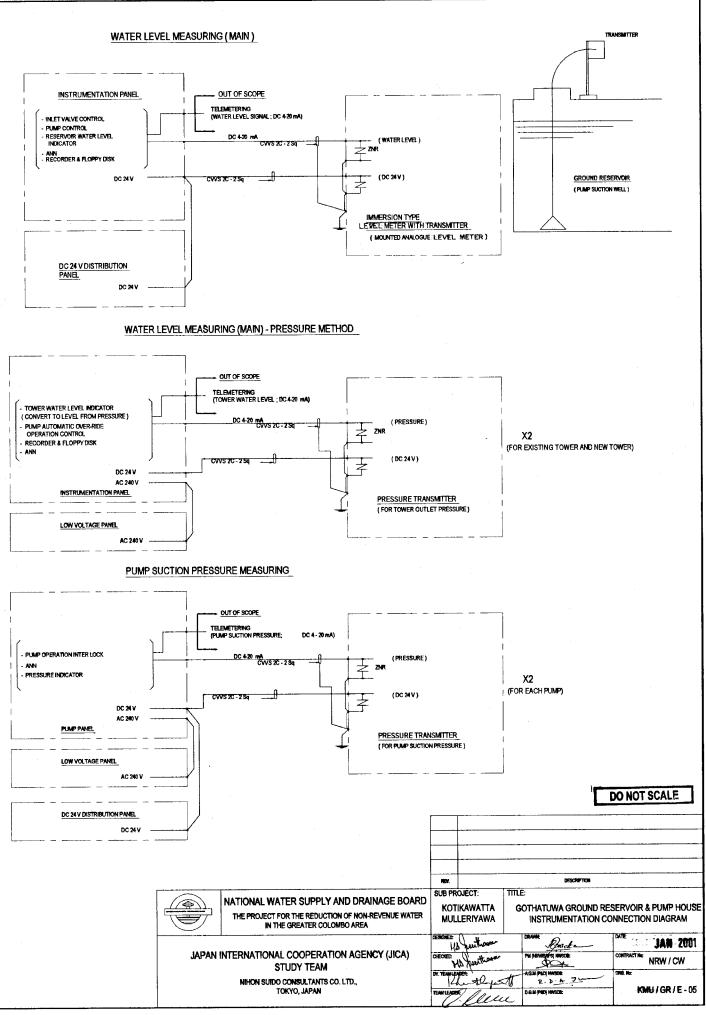
JAPAN INTERNATIONAL COOPERATION AGENCY STUDY TEAM NIHON SUIDO CONSULTANTS CO. LTD., Tokyo, Japan

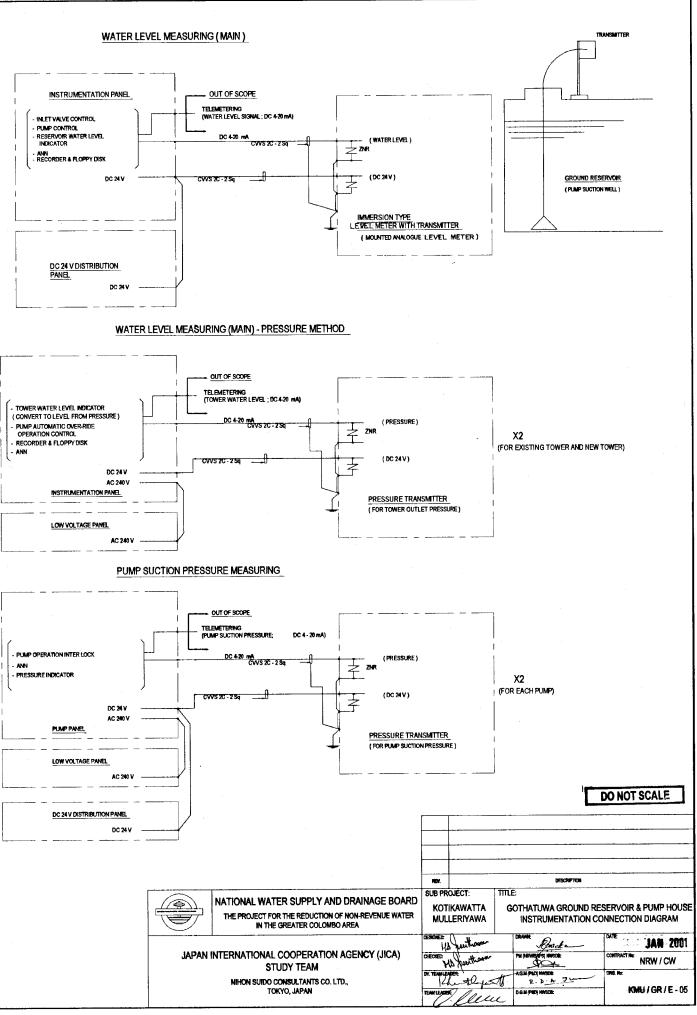
| * | R : RED LAMP (LED) FOR CB CLOSE | | | |
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| | STATUS INDICATION | | | |
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| * | G: GREEN LAMP (LED) | | | |
| | FOR CB OPEN / TRIP STATUS INDICATION | | | |
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| | FOR ALSO PUMP "OFF" O | R VALVE | "FULLY CLOSE", THIS GREEN LAMP IS | APPLIED |
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| AINAGE BOARD | KOTIKAWATTA | | THATUWA GROUND RESI | ERVOIR & PUMP HOUSE |
| -REVENUE WATER | MULLERIYAWA | | PANEL ARRAN | |
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| | Ha Juitionar | | Bus at a | JAN 2001 |
| NCY (JICA) | CHECKED HA Just there | - | PM (NEW/BAPS) HWSDE: | CONTRACT NO. NRW / CW |
| | DY. TEAN LEADER | AL | A.G.M (PAD) HWSDE: | DRG. Na: |
| 4 | TEAN LEADER | | P. D. A 2. | KM/U/GR/E-03 |
| | Tellu | u | | |
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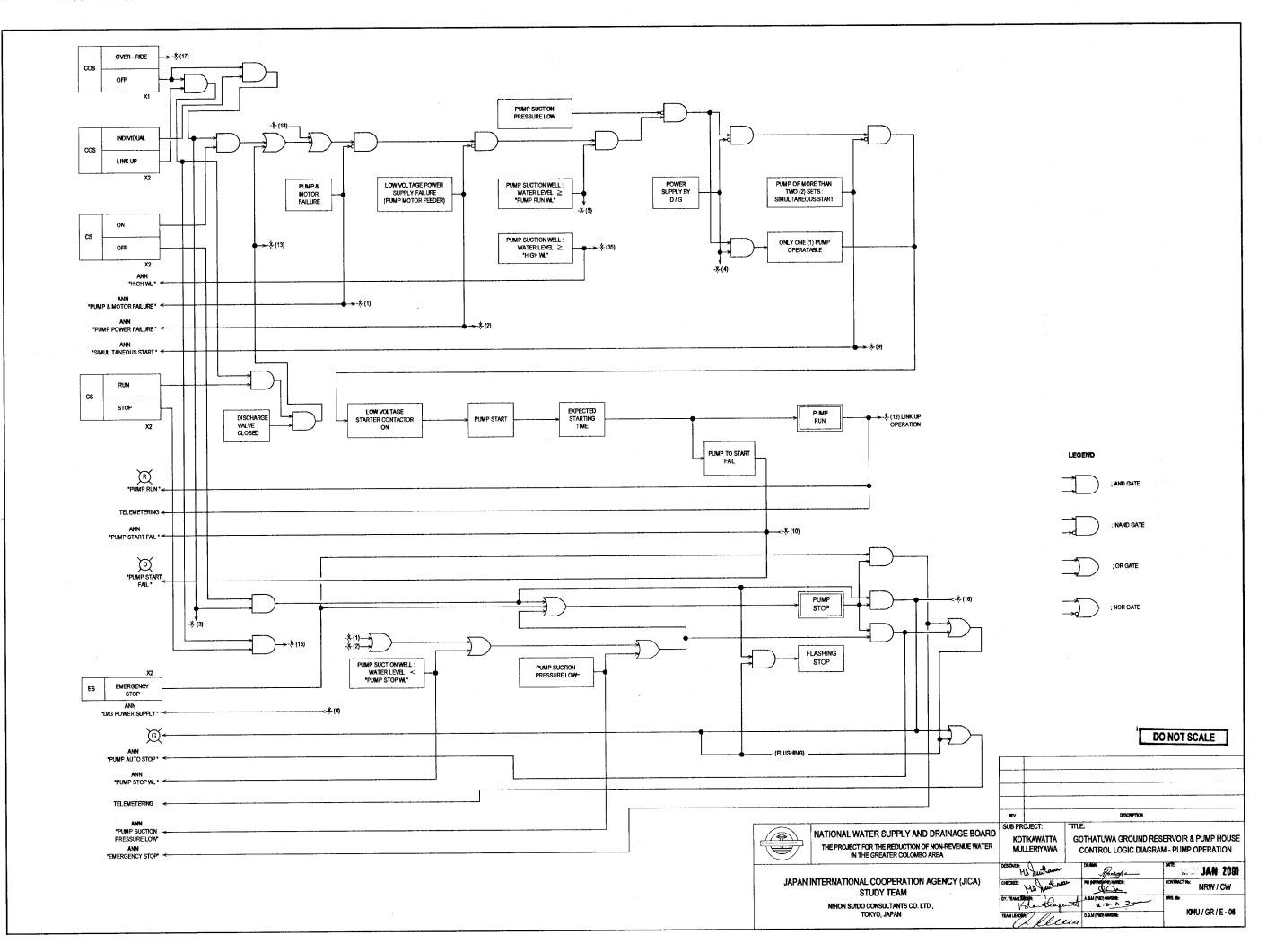


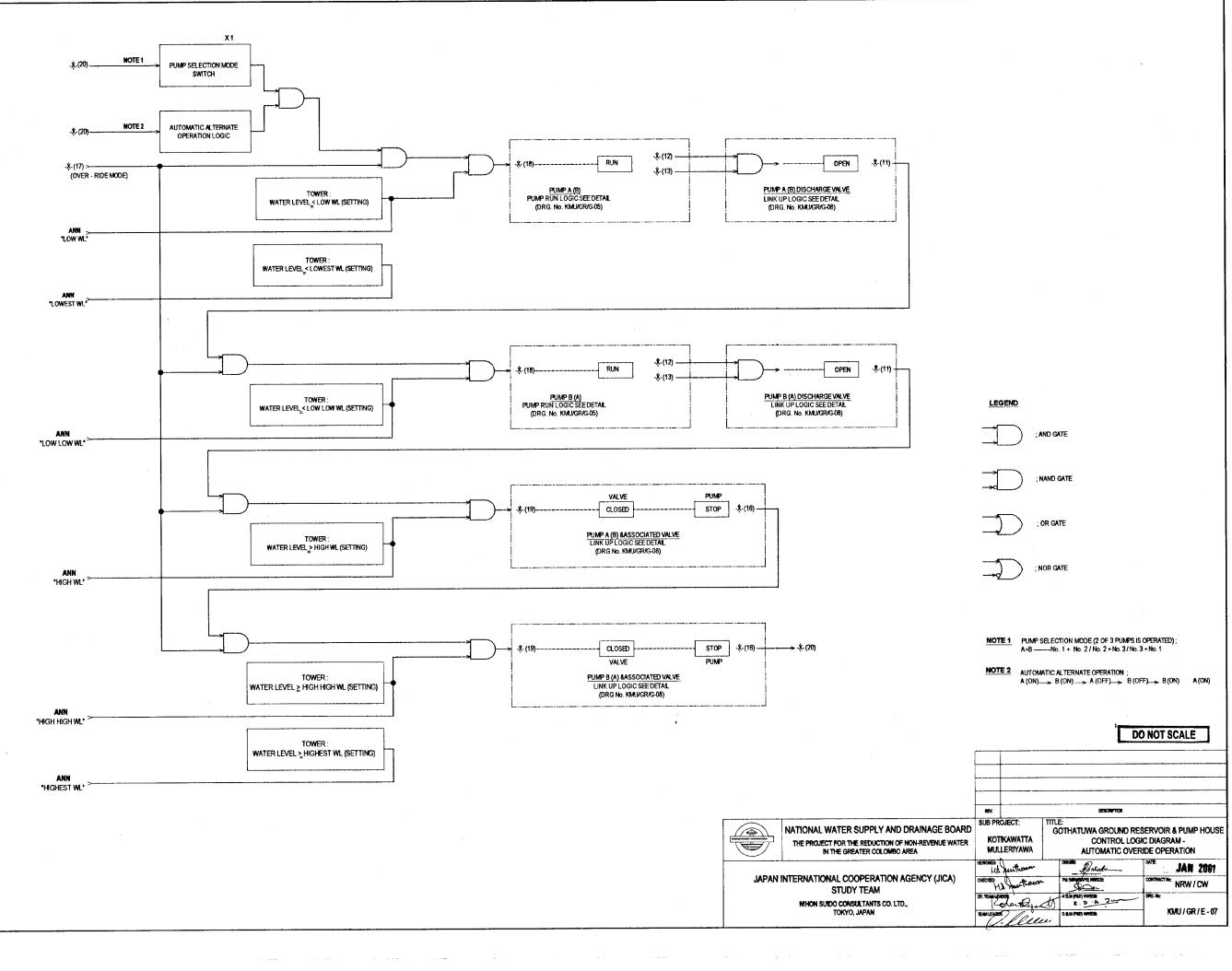


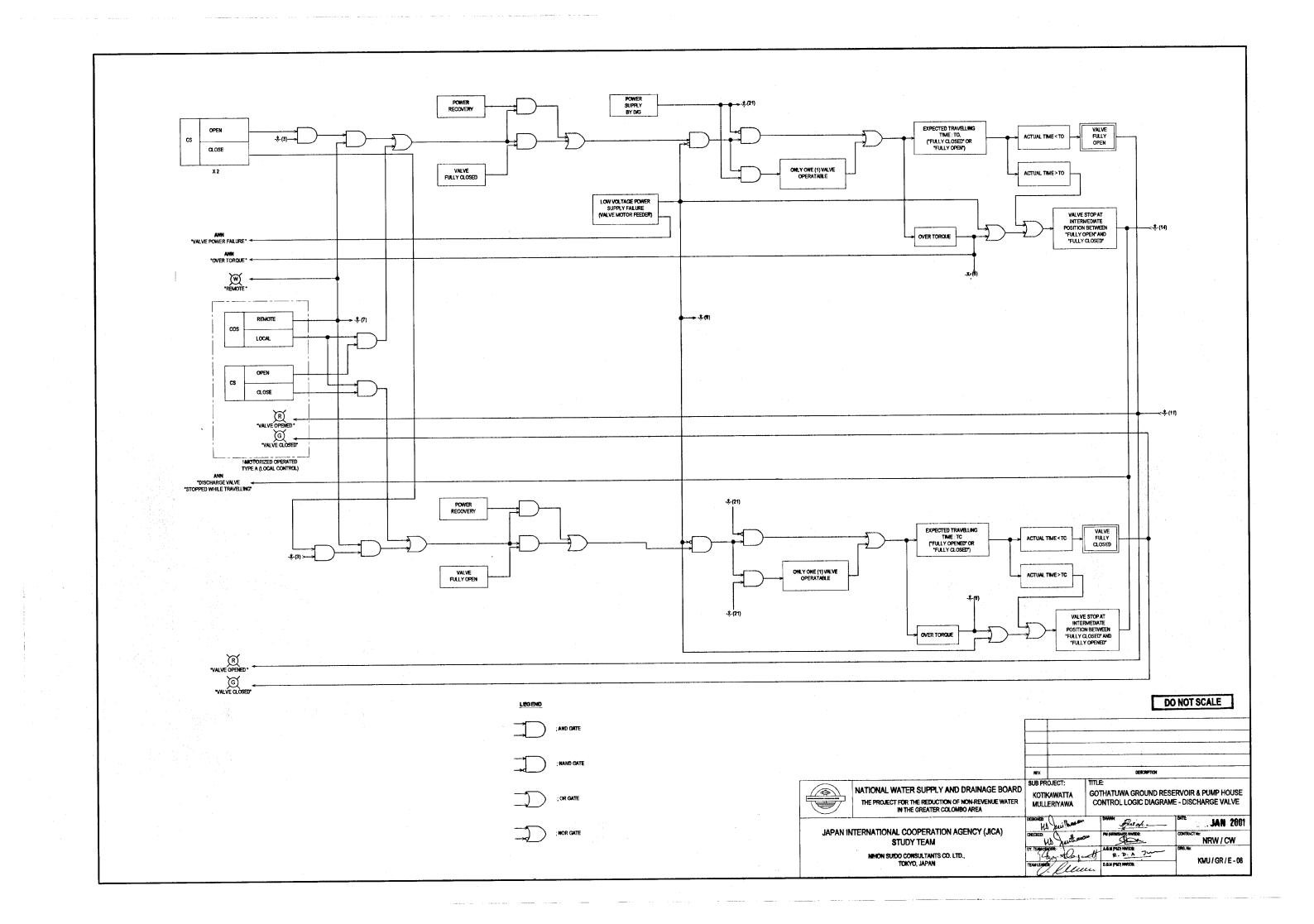


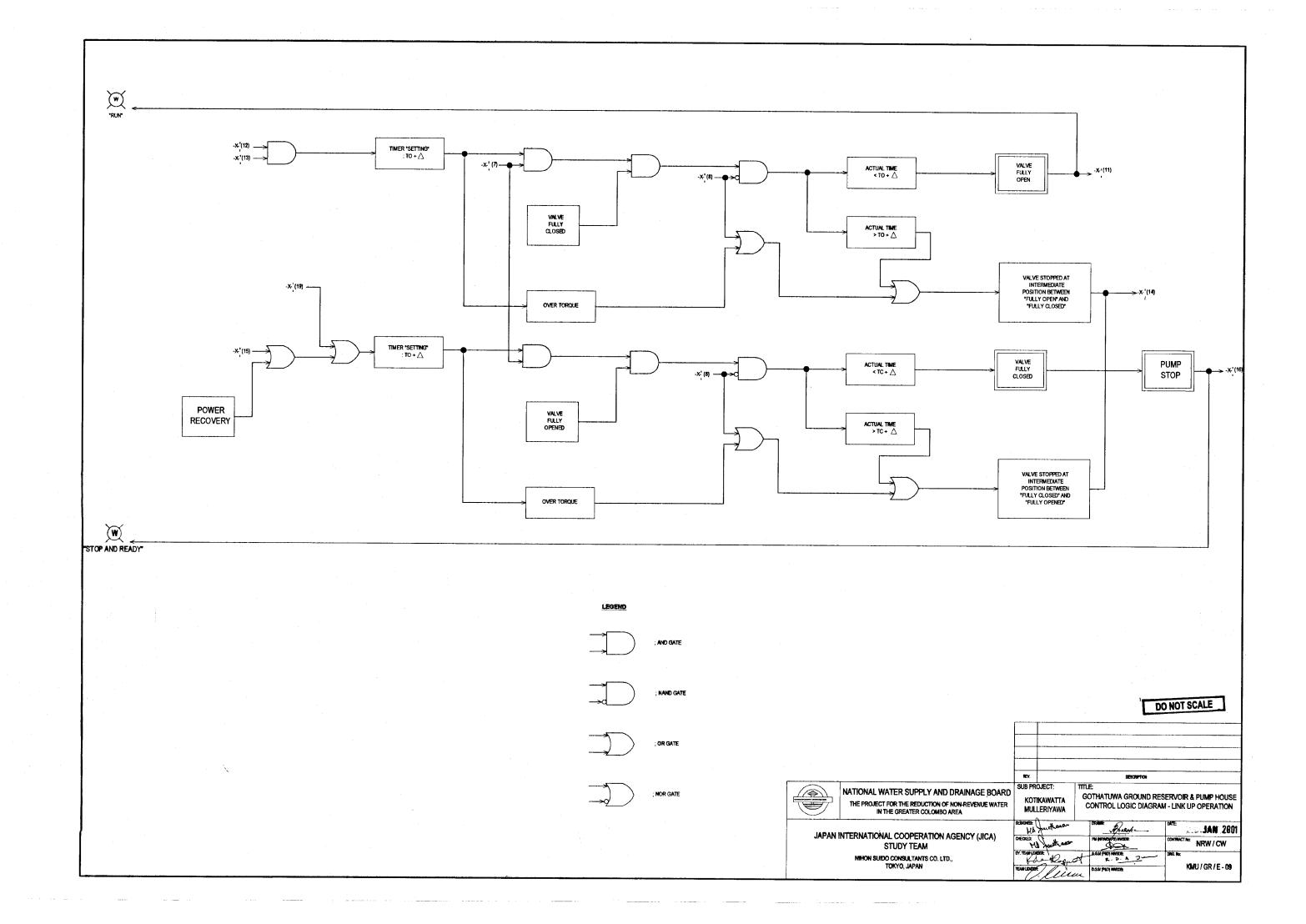


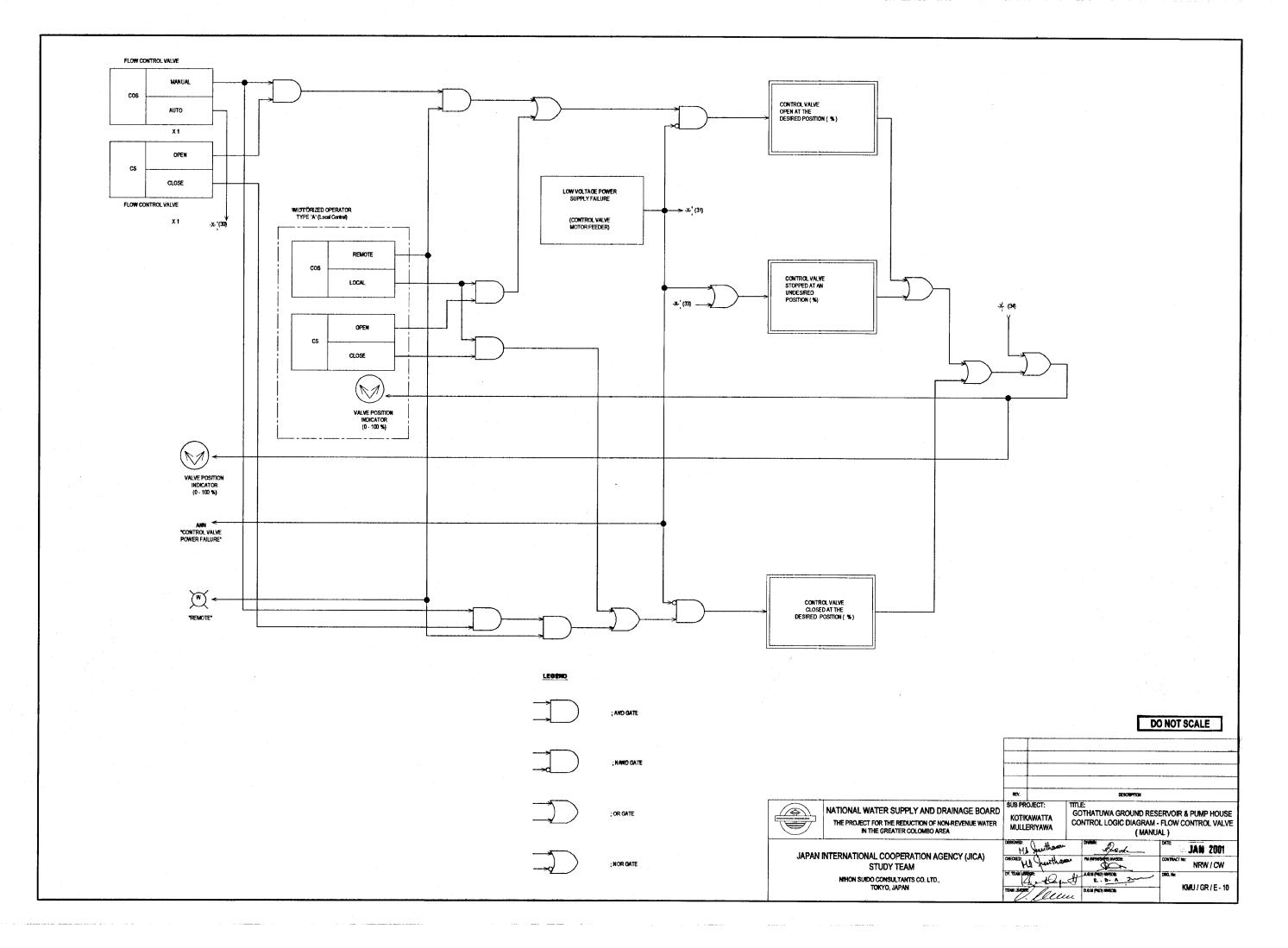


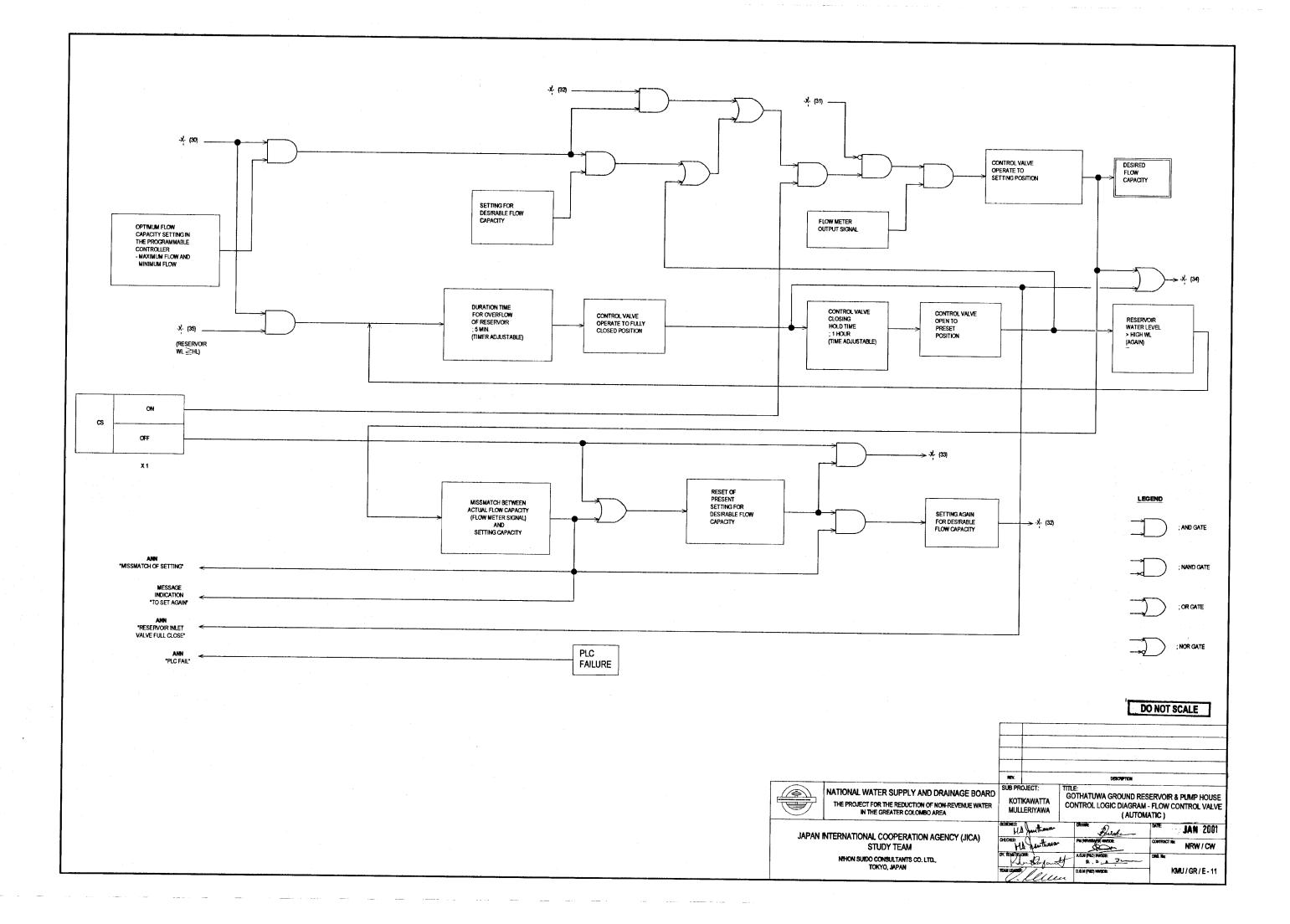


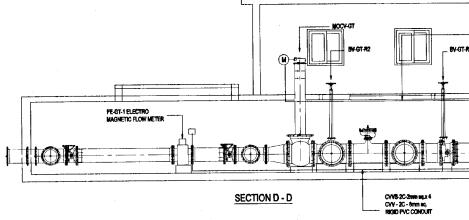


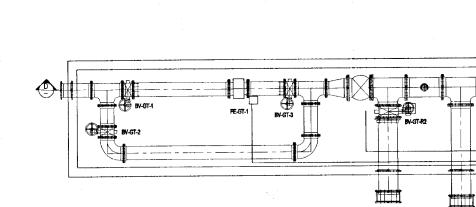








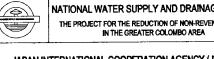




DETAIL - 1

PLAN OF INLET VALVE CHAMBER

SCALE - 1:50

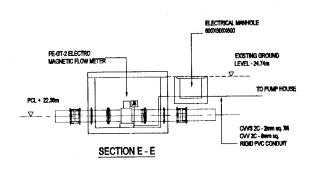


JAPAN INTERNATIONAL COOPERATION AGENCY (JI STUDY TEAM

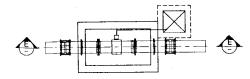
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NIHON SUIDO CONSULTANTS CO. LTD., TOKYO, JAPAN

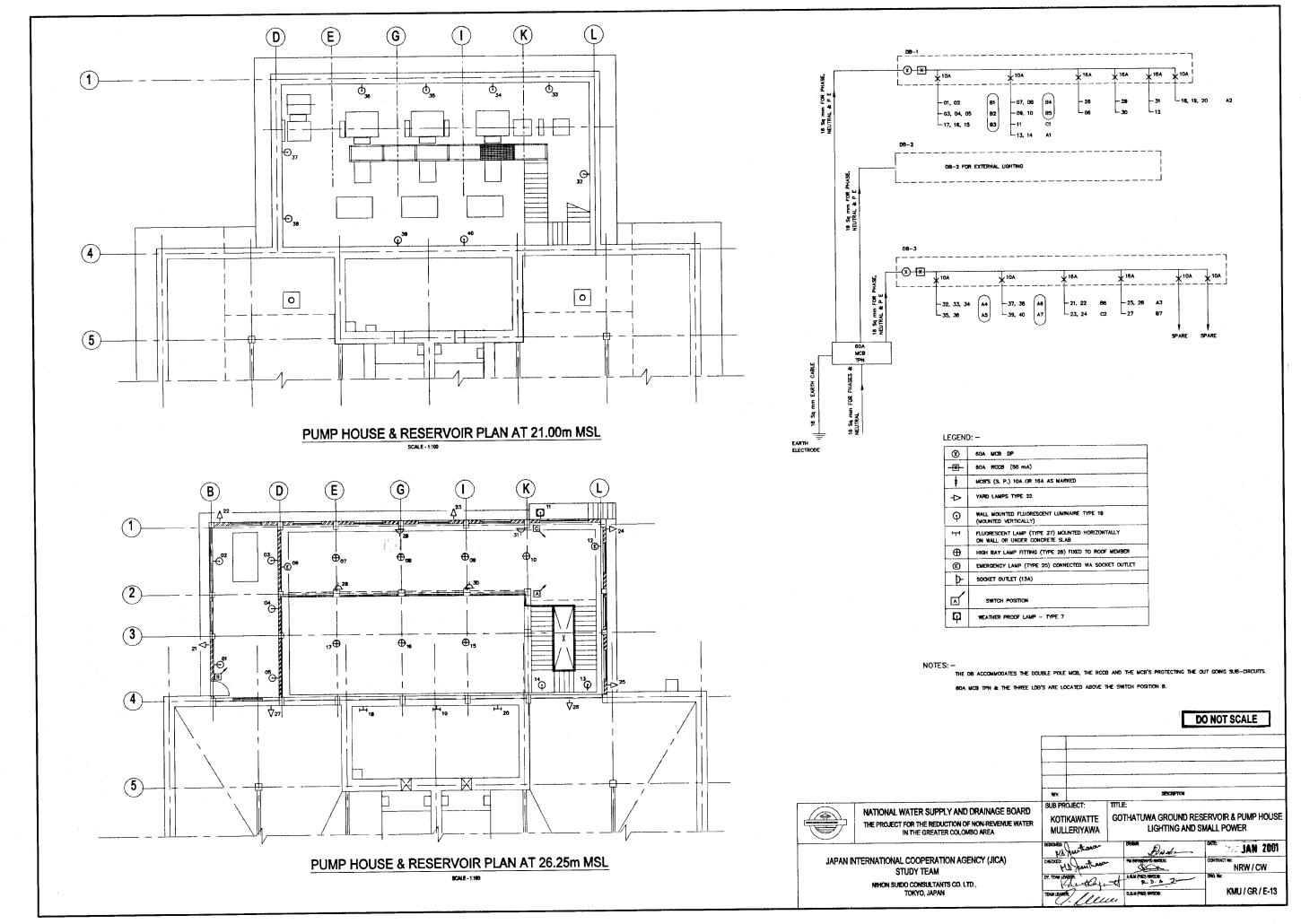


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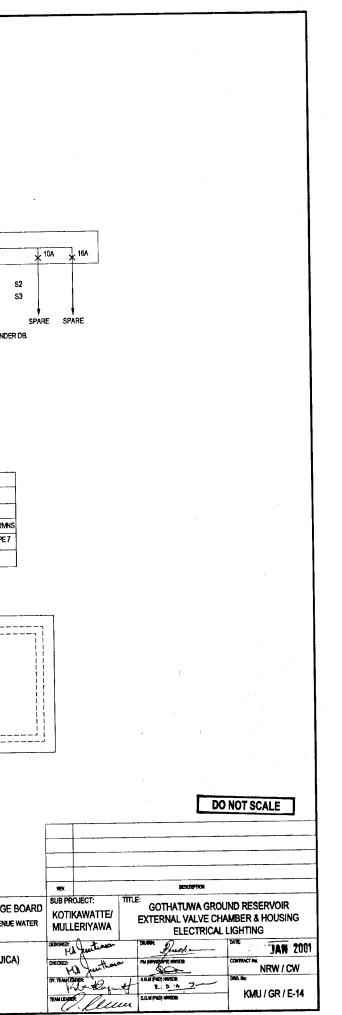
PLAN OF TANK OUTLET FLOW METER CHAMBER SCALE - 1:50

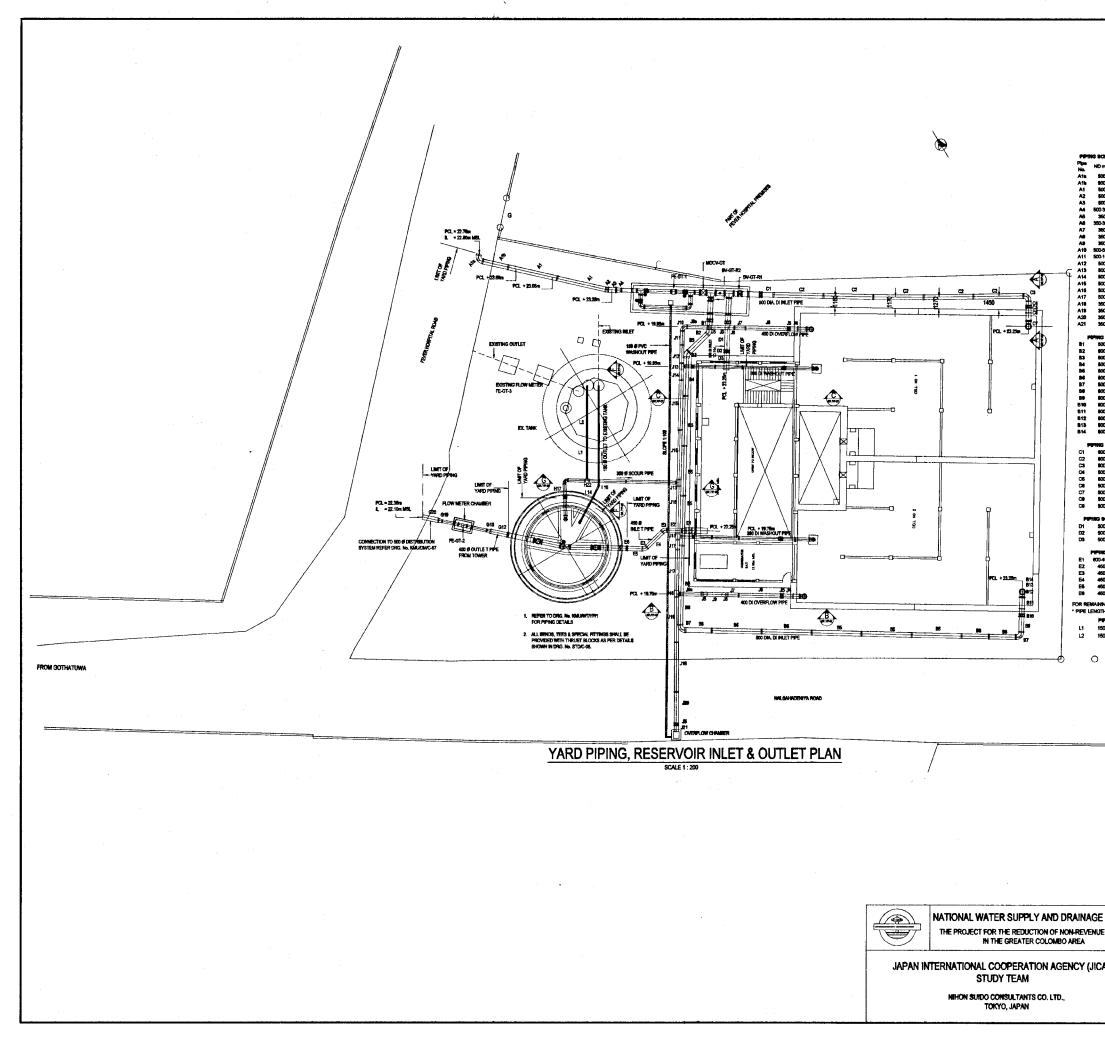
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| г | 600X6003 | E | XISTING | GROUND | | | | | |
| | | | EVEL - 24 | 4.74m | | | | | |
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| | -1 | PCL + 23.25m | | | | | | | |
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| | NEV. | | | | DESCRIPTION | • | | | |
| GE BOARD | SUB PR | | ΠΠ GO | E: THATUWA | GROUNT | RESE | RVOIR & PL | MP HOUS | SE |
| NUE WATER | | (AWATTE/ ERIYAWA | 60 | LOW METE | R CHAM | BERS E | LECTRICAL | POWER | - |
| | | | | | | | ITATION | | |
| | DESIGNED: | Justiman | | BRANNAE FR | sat - | _ | J | AN 2001 | |
| ЛСА) | CHEORED: | 1 14 | | Phi (NEWISAPS) H | | | CONTRACT No: | W/CW | |
| | 1 . | DER (G) | 1- | A.G.M (PED) NWSD | <u>-1</u> | | ENI: DNO. No: | | |
| | TEANILEAGE | man fut | 15 | R_D_ | 1 30 | | KMU | /GR/E-12 | 2 |
| | | | w | Second Land Lange | - | | | | |



WIRING SCHEME () = EXISTING GROUND LEVEL - 24.74m DB -<u>®</u>-X 16A 10A ¥ 10A 1, 2, 3 S1 - 4 6, 7, 8.9 S2 PCL + 23.25m L10, 11 L 5 SWITCHES S1, S2 & S3 ARE LOCATED UNDER DB. SECTIONAL ELEVATION 5 AV5 Ö Ø A13 Ō A18 10 LEGEND:-A16 A17 ¹⁰Q RCCB 30A DP MCB (SP) RATING AS MARKED -* 1 A15 SOCKET OUTLET ON WALLS/COLUMNS Y A15 BULK-HEAD TYPE LUMINAIRE TYPE 7 Q SUSPENDED LUMINAIRE Q DETAIL - 1 PLAN OF INLET VALVE CHAMBER SCALE - 1:200 _____ ------Ø 旧 _____ ______ -----_____ 1 ROOF PLAN SCALE - 1:50 FLOOR PLAN AT 25.0 MSL SCALE - 1:50 NATIONAL WATER SUPPLY AND DRAINAGE BOARD ()THE PROJECT FOR THE REDUCTION OF NON-REVENUE WATER IN THE GREATER COLOMBO AREA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) STUDY TEAM NIHON SUIDO CONSULTANTS CO. LTD., TOKYO, JAPAN

1.

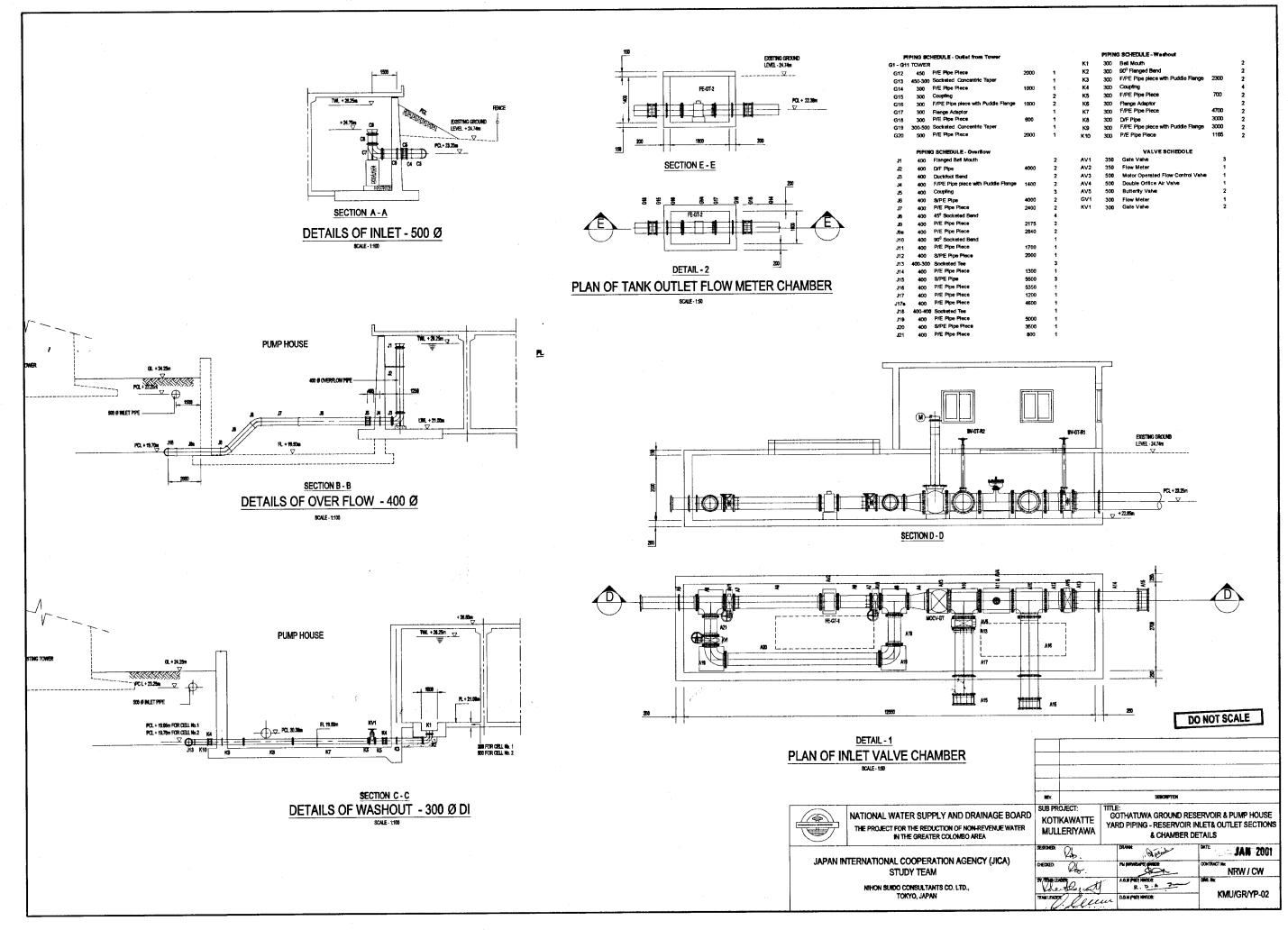




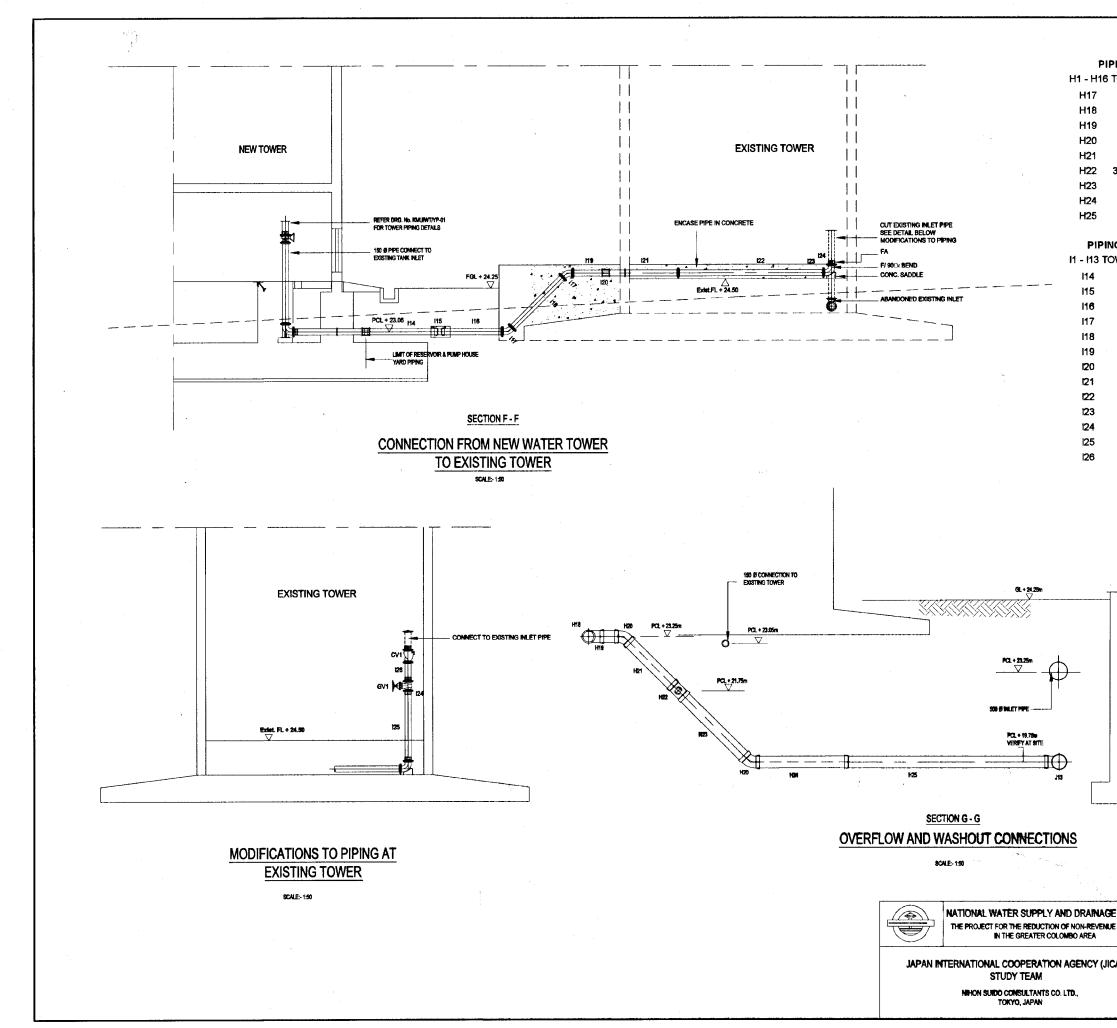
| NG SCHE | ULE - From Transmission Main | | |
|--------------|--|--------------|-----|
| NDmm | Description | Length | a |
| 500 | 90 ⁴ Socketed Bend | | |
| 900 600 | P/E Pipe piece | 2900 5500 | |
| 500 | Socket & Spigot Pipe 111/4 ^d Socketed Bend | 5500 | |
| 600 | F/PE Pipe Piece | 900 | |
| | Flenged Taper | | |
| 350 | F/PE Pipe piece with Puddle Flange Flanged Tee | 1725 | |
| 360 | Flange Adaptor | | |
| 360 | F/PE Pipe Piece | 2500 | |
| 350 | F/PE Pipe Piece Flanged Tee | 1000 | |
| 500-100 | Air Valva Tas | | |
| 500 | D/F Pipe Piece | 600 | |
| 500 500 | Range Adeptor P/E Pipe piece with Puddle Flange | 2000 | |
| | Coupling | 2000 | 4 |
| 500 | P/E Pipe place with Puddle Plange | 2500 | |
| | F/PE Pips Piece | 2000 880 | |
| | D/F Pipe Piece Renged Bend | 880 | |
| 350 | D/F Pipe Piece | 4700 | |
| 350 | D/F Pipe Piece | 600 | |
| - | HEDULE - Injet to Reservoir | | |
| | P/E Pipe Plece | 1200 | |
| \$00 \$00 | 45 ⁰ Socketed Bend | 3000 | 1 |
| | P/E Pipe Piece P/E Pipe Piece | 4400 | |
| 500 | Socket & Spigot Pipe | 5500 | |
| | Socket & Spigot Pipe | 3225 | 1 |
| 500 600 | 90 ³ Socketed Bend P/E Pipe Piece | 3000 | |
| | P/E Pipe Piece | 1900 | |
| 600 | Coupling | | |
| \$00 \$00 | F/PE Pipe Piece 90 ⁰ Duckfort Bend | 1900 | |
| 500 | F/ Pipe Piece | 620 | |
| 600 | Flanged Bell Mouth | | |
| | HEDULE - Injet to Reserveir | | |
| | P/E Pipe Piece | 1400 | |
| | Socket & Spigot Pipe | 5500 | |
| 900 500 | 90 ^o Socketed Band P/E Pipe Piece | 575 | |
| | Coupling | | |
| | F/PE Pipe piece with Puddle Flange | 1300 | |
| 500 500 | 90 ⁰ Ducktot Bend F/ Pipe Piece | 620 | |
| 500 | Renged Bell Mouth | 620 | |
| | | | |
| 500 | EDULE - Inlet to Pump House P/E Pipe Piece | 3200 | |
| 500 | Coupling | 3200 | |
| 500 | F/PE Pipe place with Puddle Flange | 2000 | |
| | CHEDULE - Iniet to Tower | | |
| 600-450 | Socketed Concentric Taper | | |
| | P/E Pipe Piece | 1750 | |
| 450 450 | 45 ⁹ Socketed Bend P/E Pipe Piece | 2525 | - 3 |
| 460 | P/E Pipe Piece | 1750 | : |
| 450 | Coupling | | |
| | SCHEDULE REFER DRG. No. KMU/G | | |
| ENGTH M | AY VARY DEPEND ON SITE CONDIT | ION | |
| | G SCHEDULE - Scour from Existing | | |
| | S/PE Pipe Piece | 4700 | 1 |
| 150 | S/PE Pipe | 5500 | 1 |
| | | | |

TO KALAPALUWAWA

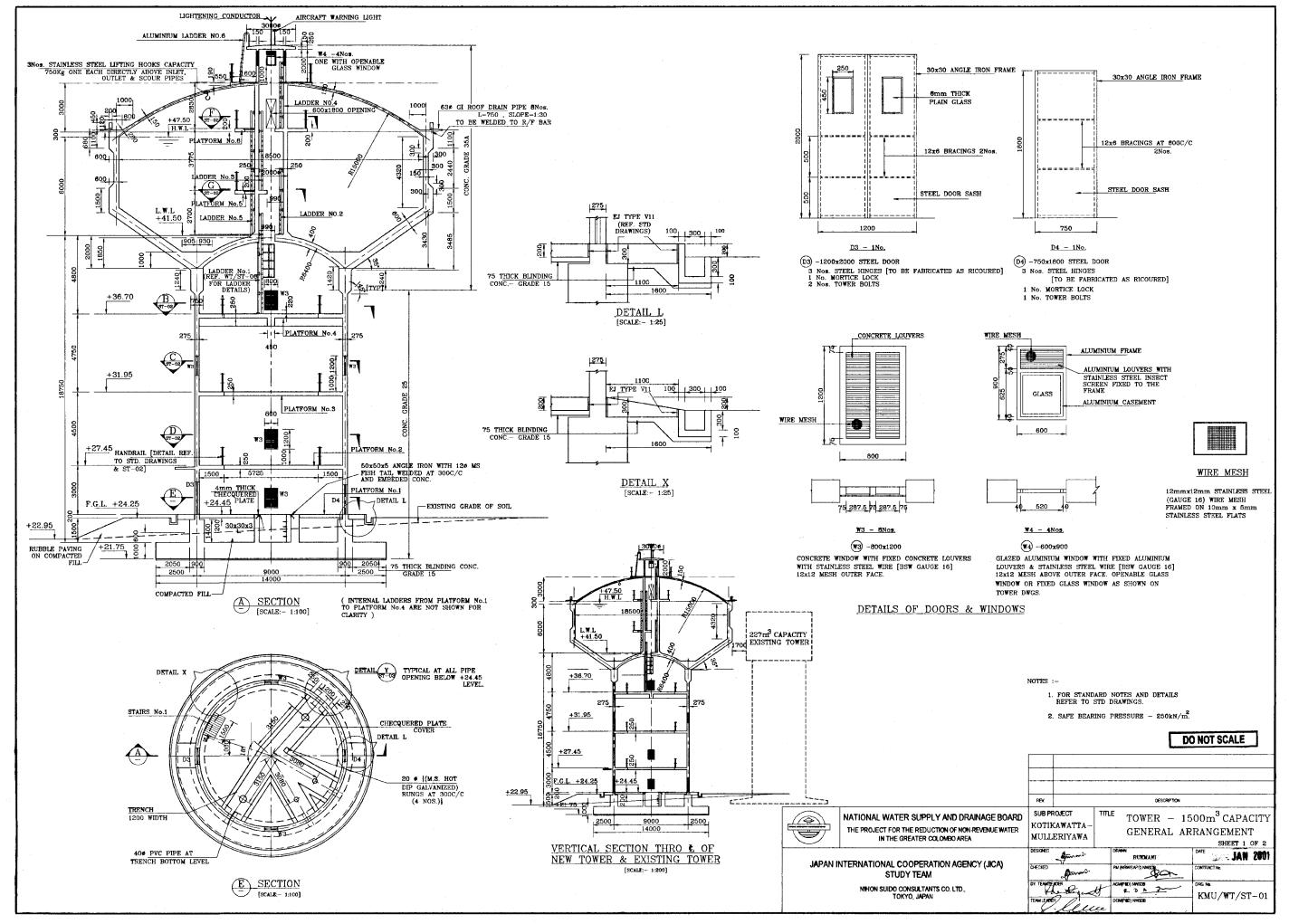
| | | SPR CALARA | Chinese Active | | O NOT SCALE |
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| | NEV. | | | DESCRIPTION | |
| GE BOARD WE WATER | MULL | oject: Kawatta/ Leriyawa | | THATUWA GROUND RESI RD PIPING - RESERVOIR | |
| CA) | DESIGNED: | Rob. | | DRAMA: | JAN 2001 |
| unj | CHECKED: | Po. | | | NRW / CW |
| - | DY. TEAN LEADER | | IJ UM | A & M PADI HINSOR R.D.A.J. D.G.M (PAD) HINSOR | KMU/GR/YP-01 |

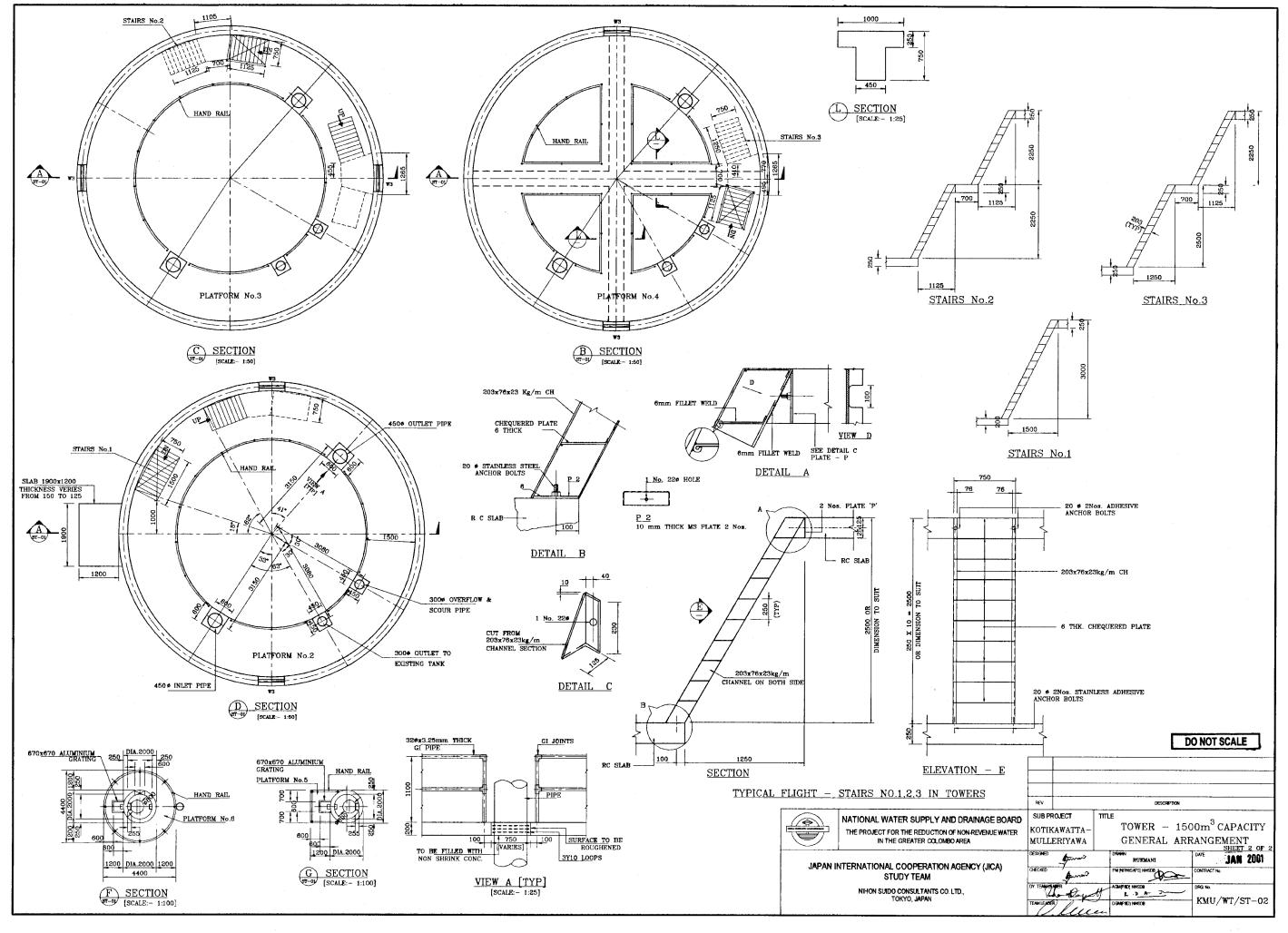


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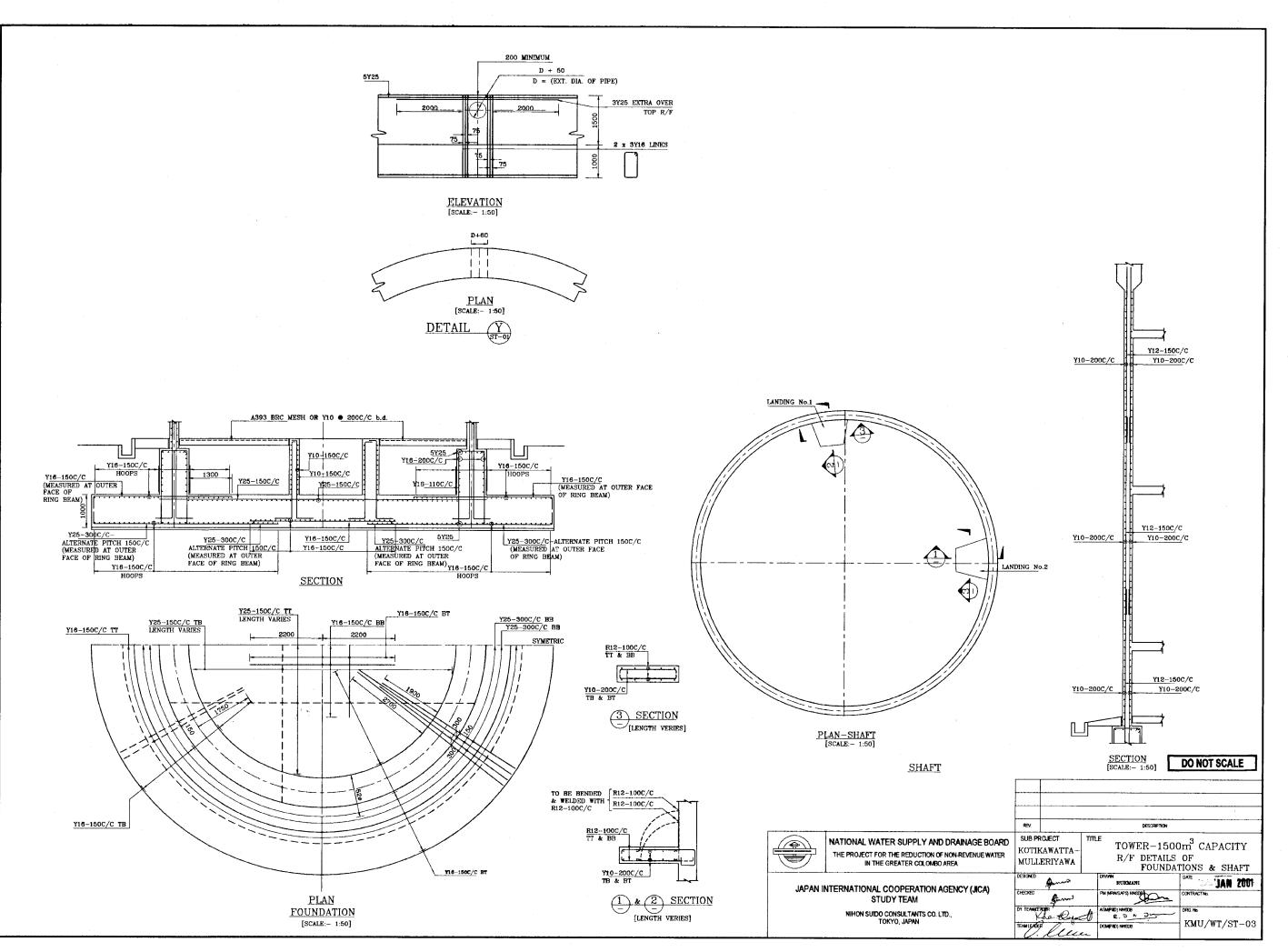


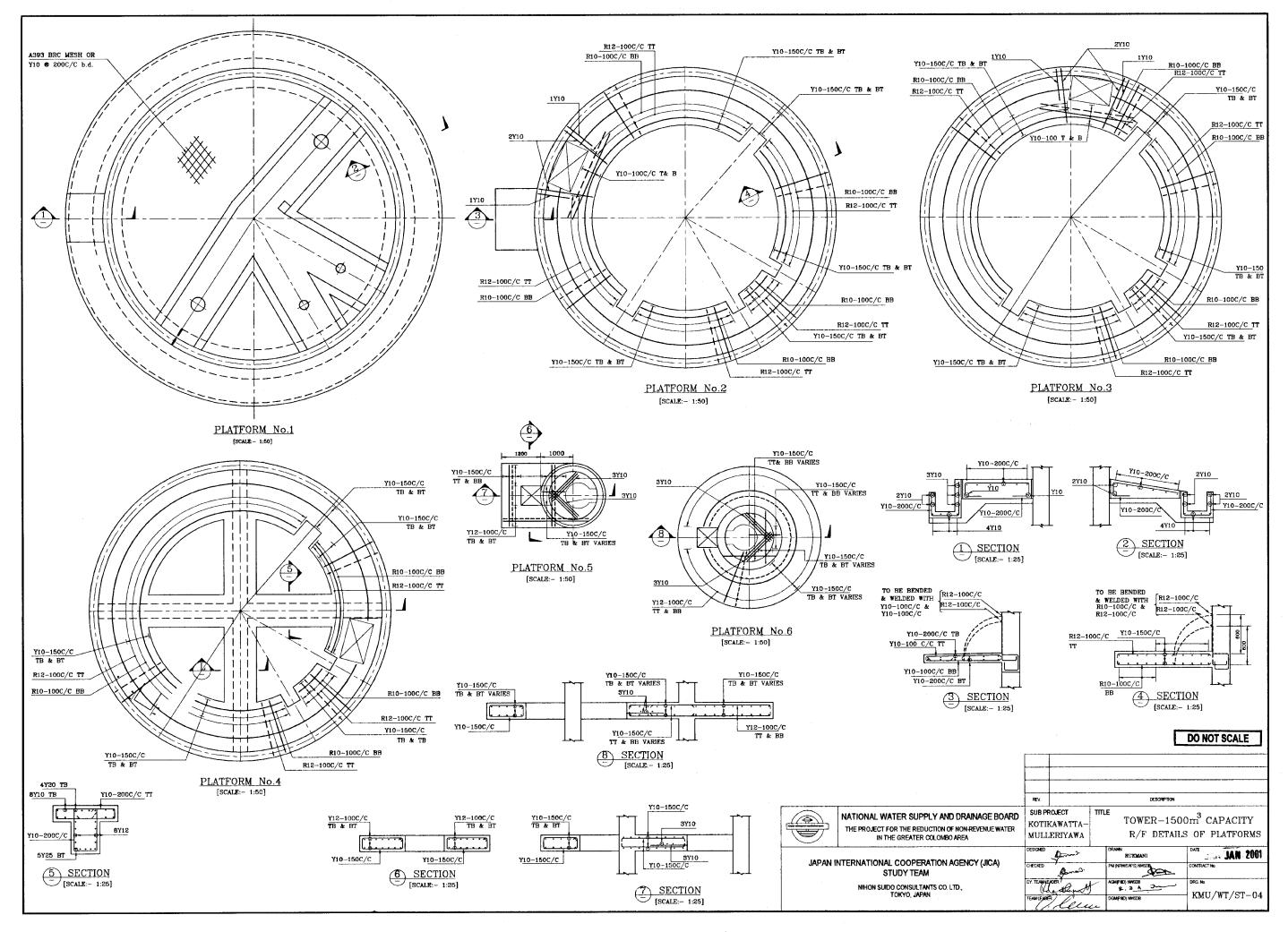
| ING SC | HEDULE - Scour from Tower | | | | |
|----------------|--|---------------|------------------|--|--|
| TOWER | | | | | |
| 300 | P/E Pipe Piece | 1500 | 1 | | |
| 300 | 90 ⁰ Socketed Bend | | 1 | | |
| 300 | P/E Pipe Piece | 500 | 1 | | |
| 300 | 45 ⁰ Socketed Bend | | 2 | | |
| 300 | P/E Pipe Piece | 1800 | 1 | | |
| 300-150 | Socketed Tee | | 1 | | |
| 300 | P/E Pipe Piece | 2475 | · 1 | | |
| 300 | P/E Pipe Piece | 2535 | 1 | | |
| 300 | S/PE Pipe | 5500 | 1 | | |
| IG SCHE Wer | DULE - Inlet to Existing Tower | | | | |
| | P/E Pipe Piece | 4000 | | | |
| 150 | 22 1/2 ⁰ Socketed Bend | 1900 | 1 | | |
| 150 | F/PE Pipe Piece | 1675 | 1 | | |
| 150 150 | 45 ⁰ Flanged Bend | 1675 | 1 2 | | |
| 150 | D/F Pipe Piece | 1960 | 2 | | |
| 150 | F/PE Pipe Piece | 890 | 1 | | |
| 150 | Coupling | 030 | 1 | | |
| 150 | F/PE Pipe Piece with Puddle Flange | 1975 | 1 | | |
| 150 | D/F Pipe | 4000 | 1 | | |
| 150 | 90 ^o Flanged Bend | ,000 | 1 | | |
| 150 | Flange Adaptor 4 | | | | |
| 150 | P/E Pipe Piece (Length to suit site) | 1825 | 1 | | |
| 150 | F/PE Pipe Piece | 500 | 1 | | |
| | ···· _ · · , · · · · · · · · · | | | | |
| | Valve Schedule | | | | |
| GV1 | Gate Valve | . 1 | | | |
| CV1 | Check Valve | 1 | | | |
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| E BOARD | SUB PROJECT: TITLE: GOTHATUWA GROUND F | RESERVOIR & I | NUMP HOUSE | | |
| E WATER | KOTIKAWATTA/ YARD PIPING - CO MULLERIYAWA OF FXISTING | | | | |
| | MULLERITAVYA OF EXISTING | & NEW TOWE | ĸ | | |
| 1 1 | Har. Quinto | | JAN 20 01 | | |
| (A) | CHECKED: Patro | CONTRACT No: | NRW / CW | | |
| | HARDER CALL ASSIMUTE | DRG. No: | | | |
| | | - KMł | I/GR/YP-03 | | |
| | The Course D.G. M. (MISO): | 1.000 | | | |

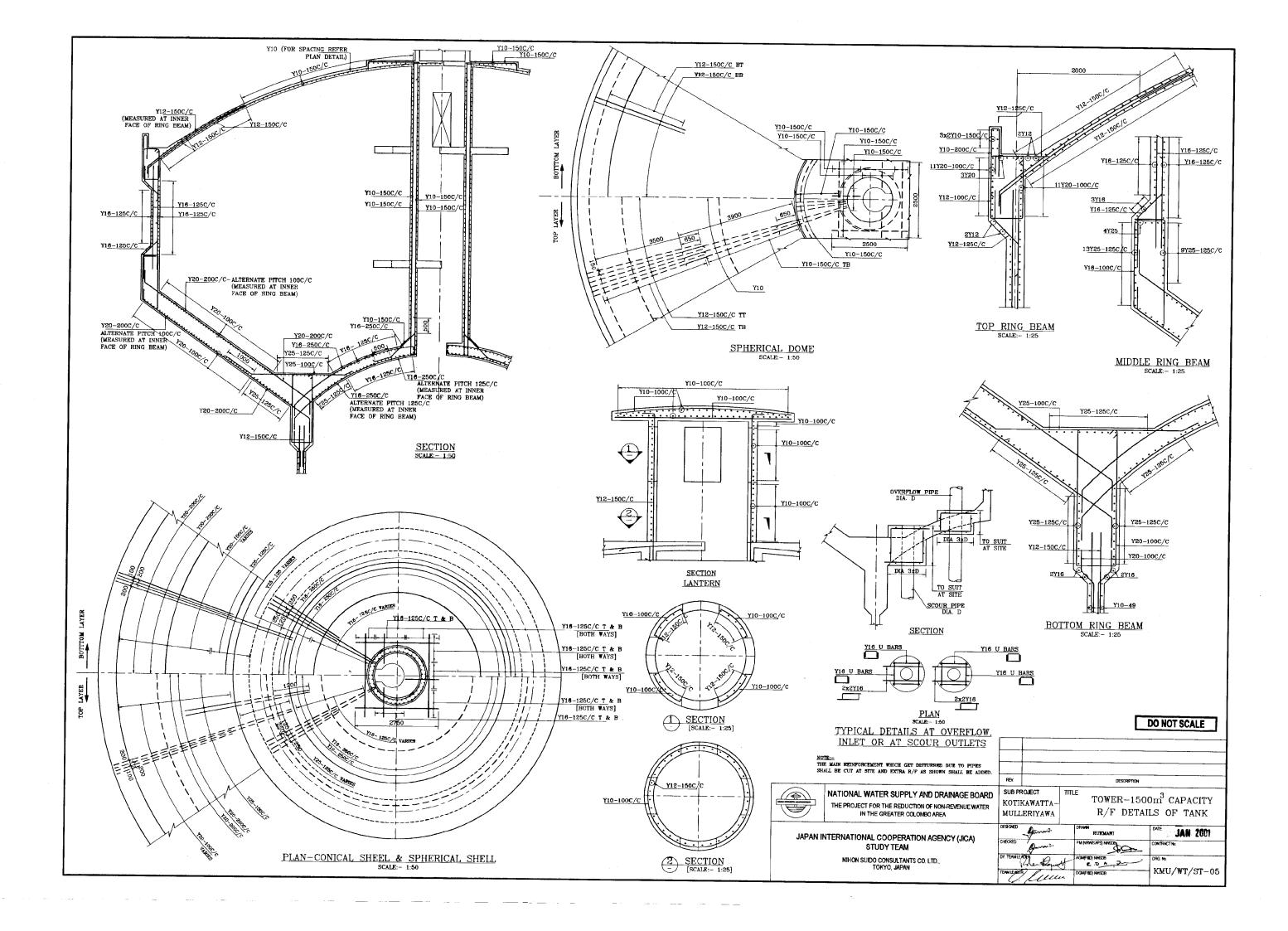


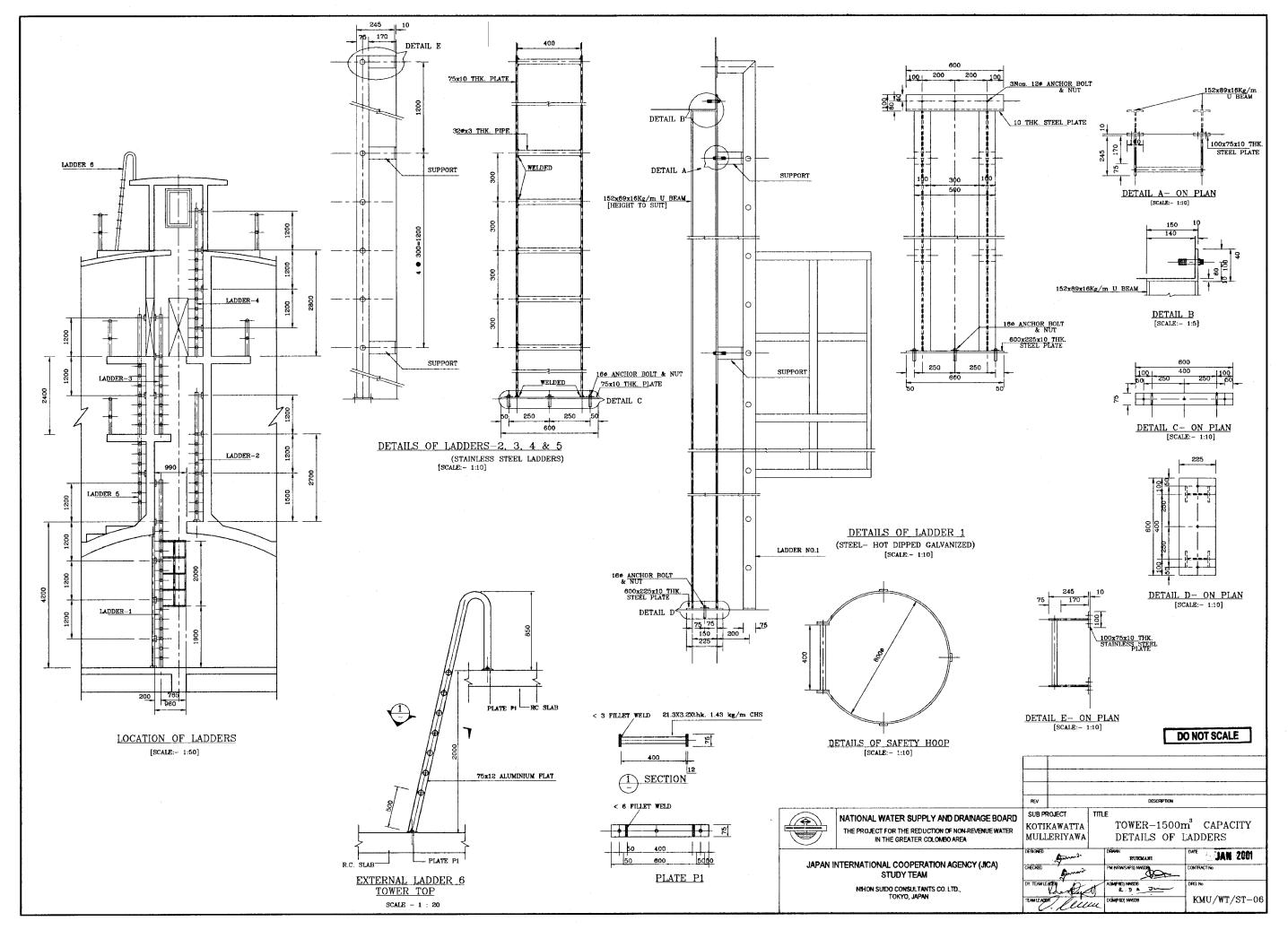


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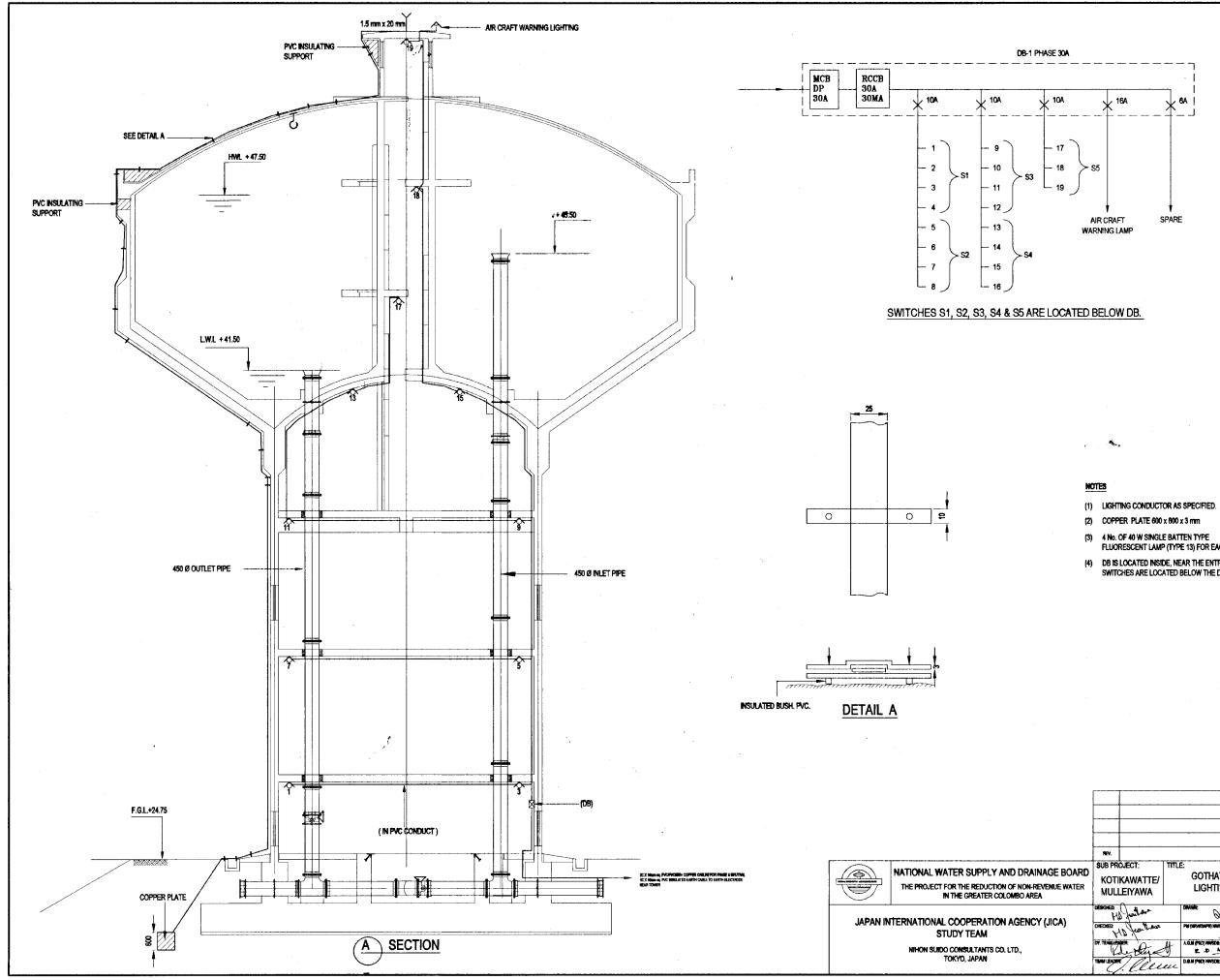






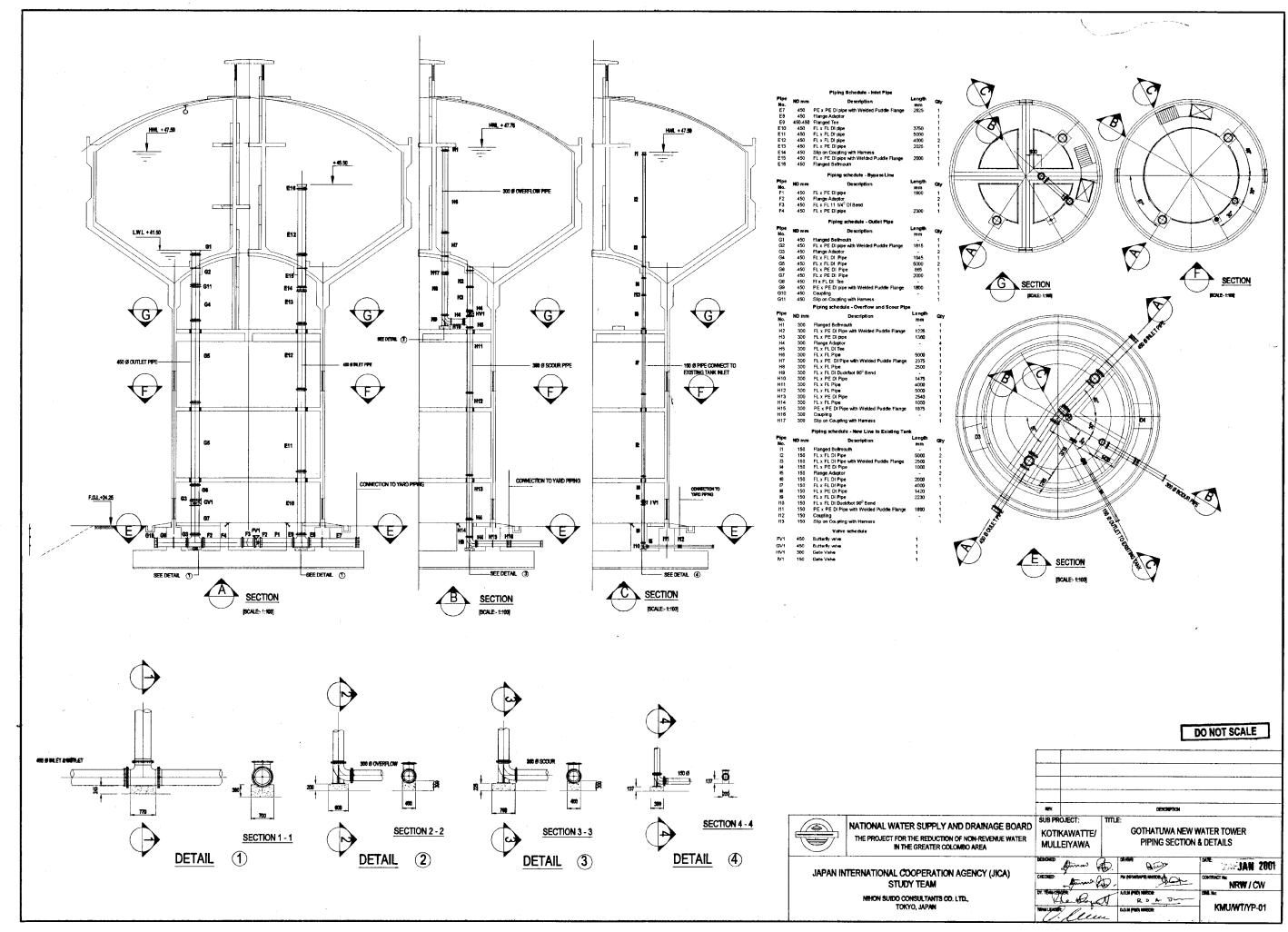
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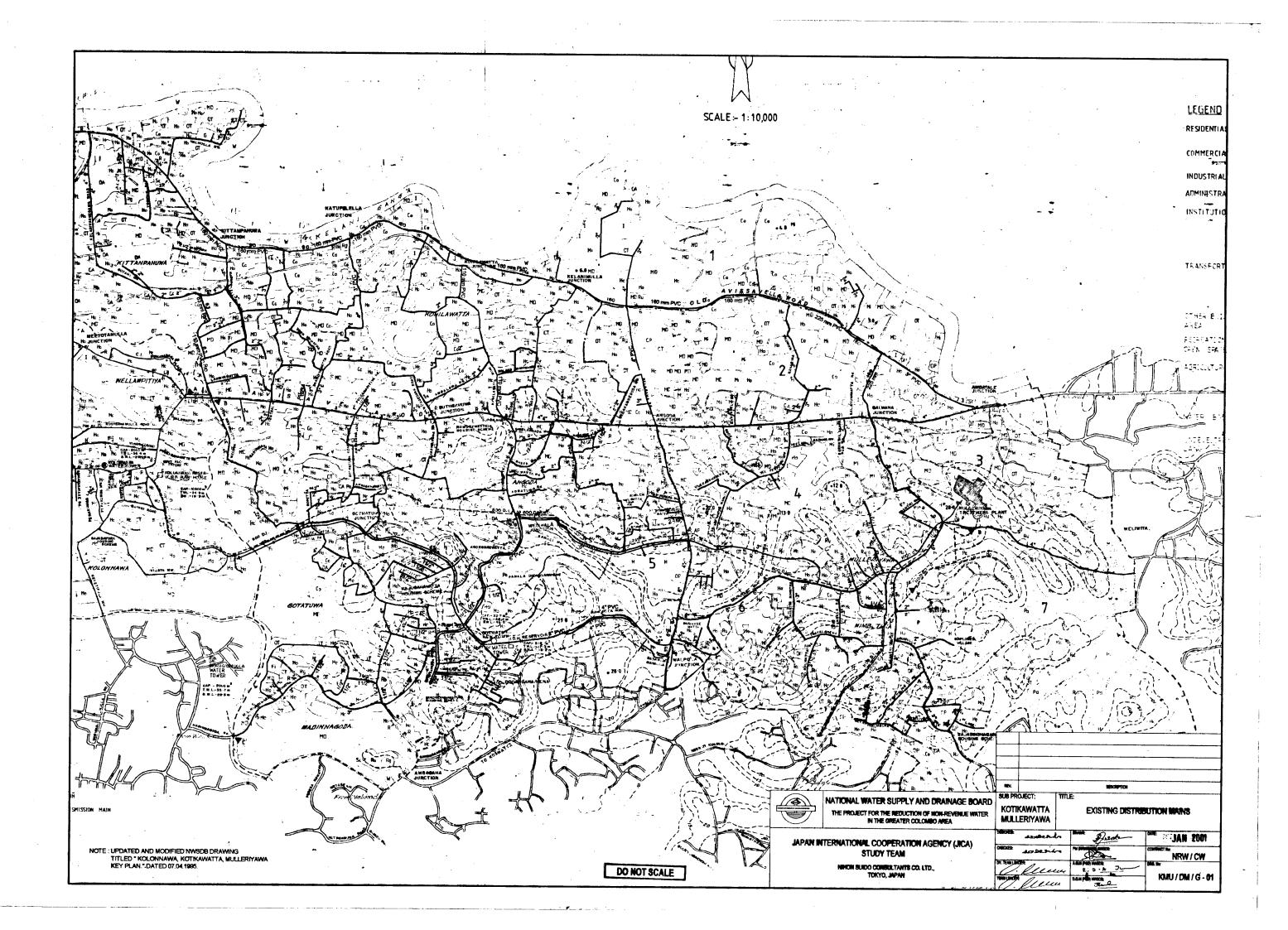
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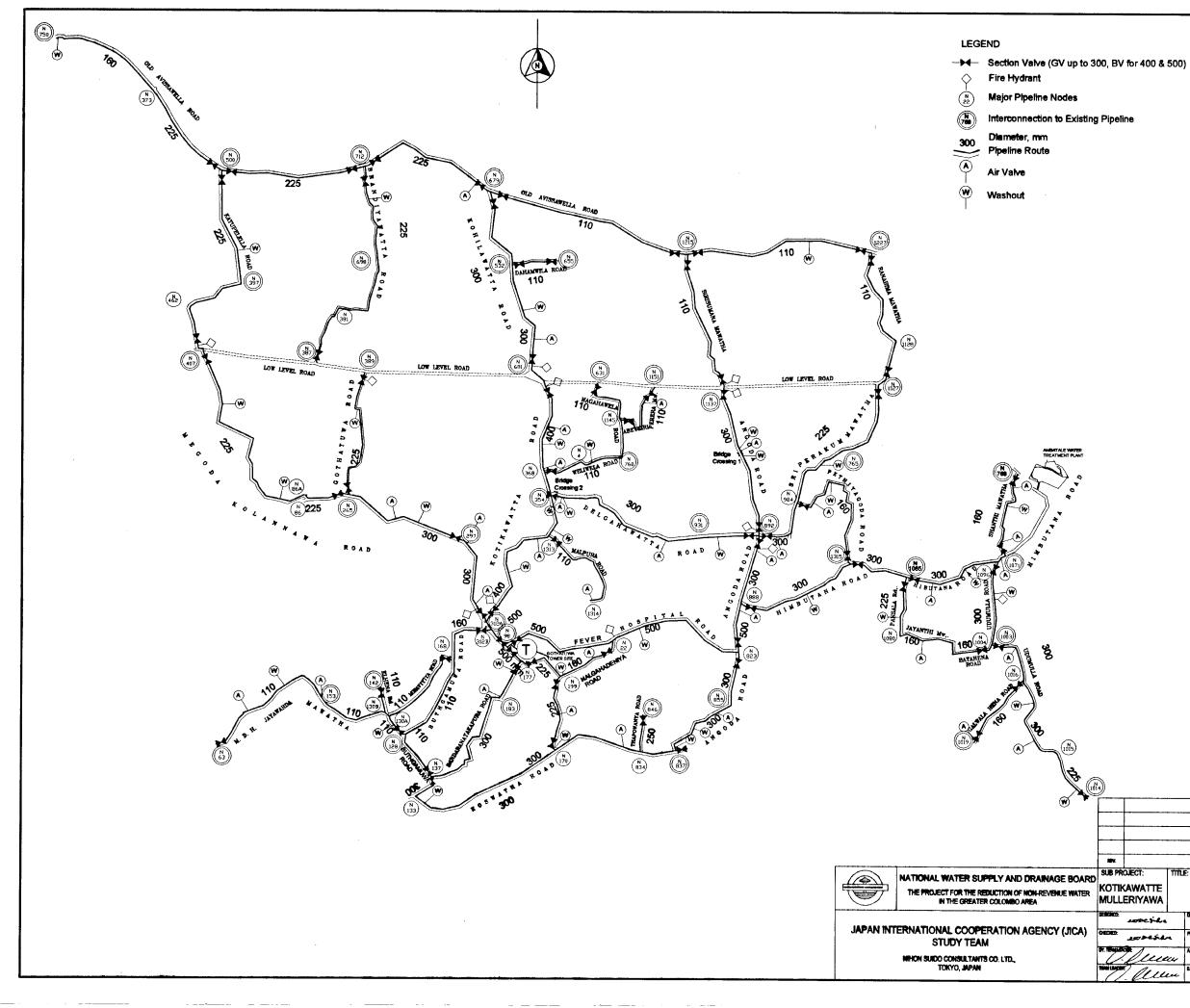


- (3) 4 No. OF 40 W SINGLE BATTEN TYPE FLUORESCENT LAMP (TYPE 13) FOR EACH PLATFORM
- (4) DB IS LOCATED INSIDE, NEAR THE ENTRANCE. SWITCHES ARE LOCATED BELOW THE DB.

| | | | | DON | DO NOT SCALE | | |
|---------|----------------------|-------------------------------|-----------|---|---|--|--|
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| | 88V. | | | DESCRIPTION | | | |
| E BOARD | SUB PR | oject: Kawatte/ Leiyawa | TITL | | | | |
| CA) | DESIGNED: | | | ONAMAR OF Similar | JAN 2001 | | |
| | CHECKED HD fronthand | | | PM (NEW/SAPS) MNSDB: | CONTRACT NE: NRW / CW | | |
| | DY. TEAM LEA | letty < | ff ecc | A CON (PRD) INISOB: R. D. A. D. D. G.M. (PRD) INISOB: | ^{DRG.} 111: KMU / WT / E / 01 | | |







|) | | | DO NOT SCALE |
|---|--------------------------------------|--|--|
| | | DECREMON | |
| UB PROJECT: TITLI COTIKAWATTE IULLERIYAWA | | E DISTRIBUTION MAIN KEY MAP - PROPOSED | |
| | esien | | INTE JAN 2007 CHITMOTORE NRW/CW SHILE KMU/DM/G/02 |
| | UB PROJECT: OTIKAWAT IULLERIYA | UB PROJECT: OTIKAWATTE IULLERIYAWA | INV. DECONTON UB PROJECT: OTIKAWATTE ULLERIYAWA DISTRIBUTION M MAP - PROPO DISTRIBUTION M MAP - MARCHAN DISTRIBUTION M MAP - MARCHAN MARC |