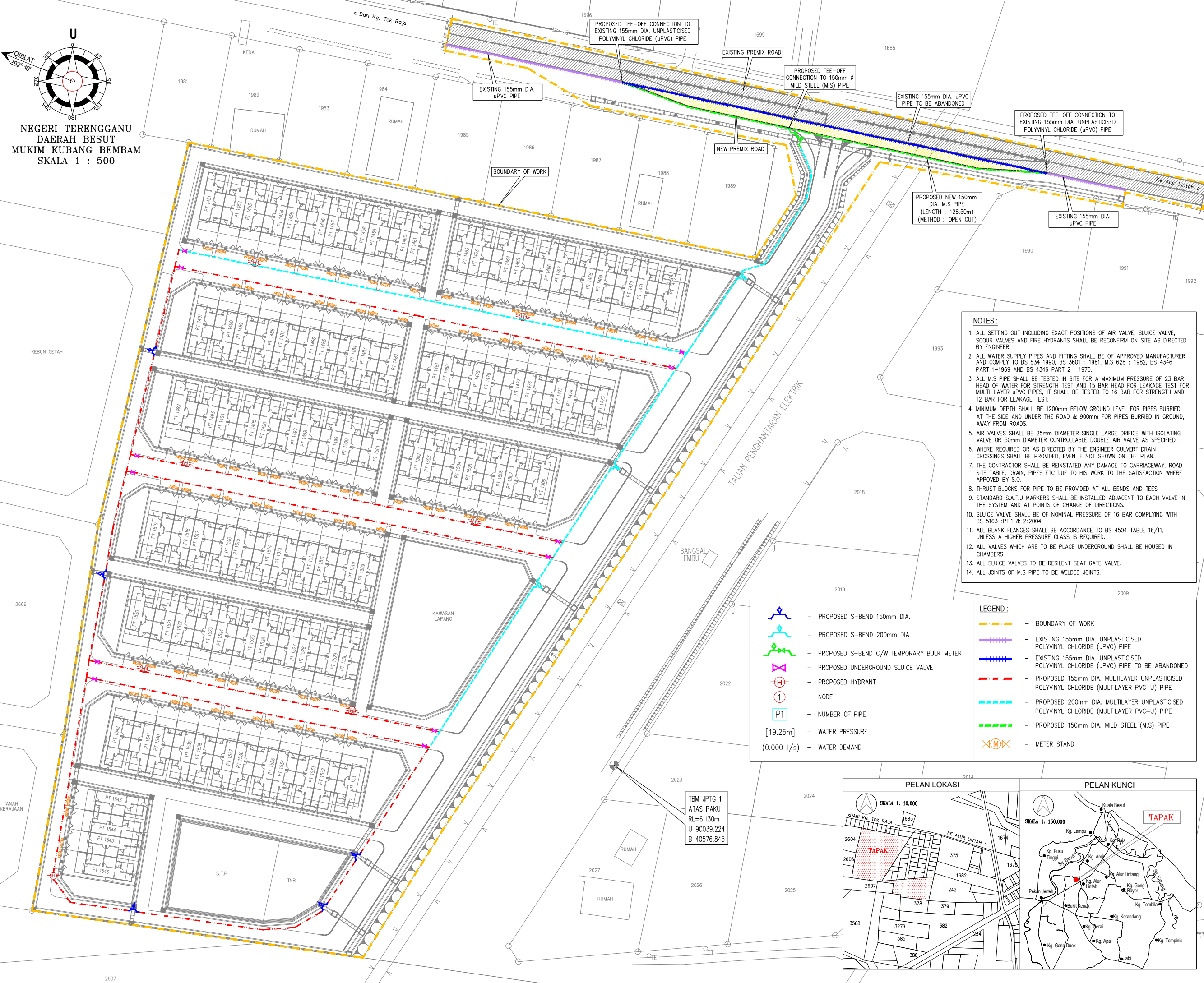


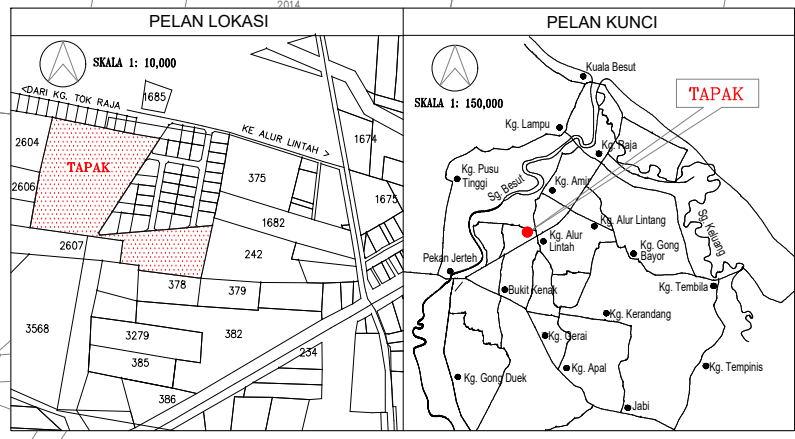
NEGERI TERENGGANU
DAERAH BESUT
MUKIM KUBANG BEMBAM
SKALA 1 : 500



- NOTES :**
- ALL SETTING OUT INCLUDING EXACT POSITIONS OF AIR VALVE, SLUICE VALVE, SCOUR VALVES AND FIRE HYDRANTS SHALL BE RECONFIRM ON SITE AS DIRECTED BY ENGINEER.
 - ALL WATER SUPPLY PIPES AND FITTING SHALL BE OF APPROVED MANUFACTURER AND COMPLY TO BS 534 1990, BS 3601 : 1981, M.S 628 : 1982, BS 4346 PART 1-1969 AND BS 4346 PART 2 : 1970.
 - ALL M.S PIPE SHALL BE TESTED IN SITE FOR A MAXIMUM PRESSURE OF 23 BAR HEAD OF WATER FOR STRENGTH TEST AND 15 BAR HEAD FOR LEAKAGE TEST FOR MULTI-LAYER uPVC PIPES, IT SHALL BE TESTED TO 16 BAR FOR STRENGTH AND 12 BAR FOR LEAKAGE TEST.
 - MINIMUM DEPTH SHALL BE 1200mm BELOW GROUND LEVEL FOR PIPES BURIED AT THE SIDE AND UNDER THE ROAD & 900mm FOR PIPES BURIED IN GROUND, AWAY FROM ROADS.
 - AIR VALVES SHALL BE 25mm DIAMETER SINGLE LARGE ORIFICE WITH ISOLATING VALVE OR 50mm DIAMETER CONTROLLABLE DOUBLE AIR VALVE AS SPECIFIED.
 - WHERE REQUIRED OR AS DIRECTED BY THE ENGINEER CULVERT DRAIN CROSSINGS SHALL BE PROVIDED, EVEN IF NOT SHOWN ON THE PLAN.
 - THE CONTRACTOR SHALL BE REINSTATED ANY DAMAGE TO CARRIAGEWAY, ROAD SITE TABLE, DRAIN, PIPES ETC DUE TO HIS WORK TO THE SATISFACTION WHERE APPROVED BY S.O.
 - THRUST BLOCKS FOR PIPE TO BE PROVIDED AT ALL BENDS AND TEES.
 - STANDARD S.A.T.U MARKERS SHALL BE INSTALLED ADJACENT TO EACH VALVE IN THE SYSTEM AND AT POINTS OF CHANGE OF DIRECTIONS.
 - SLUICE VALVE SHALL BE OF NOMINAL PRESSURE OF 16 BAR COMPLYING WITH BS 5163 :PT.1 & 2:2004
 - ALL BLANK FLANGES SHALL BE ACCORDANCE TO BS 4504 TABLE 16/11, UNLESS A HIGHER PRESSURE CLASS IS REQUIRED.
 - ALL VALVES WHICH ARE TO BE PLACE UNDERGROUND SHALL BE HOUSED IN CHAMBERS.
 - ALL SLUICE VALVES TO BE RESILIENT SEAT GATE VALVE.
 - ALL JOINTS OF M.S PIPE TO BE WELDED JOINTS.

LEGEND :

- PROPOSED S-BEND 150mm DIA.
- PROPOSED S-BEND 200mm DIA.
- PROPOSED S-BEND C/W TEMPORARY BULK METER
- PROPOSED UNDERGROUND SLUICE VALVE
- PROPOSED HYDRANT
- NODE
- NUMBER OF PIPE
- WATER PRESSURE
- WATER DEMAND
- BOUNDARY OF WORK
- EXISTING 155mm DIA. UNPLASTICISED POLYVINYL CHLORIDE (uPVC) PIPE
- EXISTING 155mm DIA. UNPLASTICISED POLYVINYL CHLORIDE (uPVC) PIPE TO BE ABANDONED
- PROPOSED 155mm DIA. MULTILAYER UNPLASTICISED POLYVINYL CHLORIDE (MULTILAYER PVC-U) PIPE
- PROPOSED 200mm DIA. MULTILAYER UNPLASTICISED POLYVINYL CHLORIDE (MULTILAYER PVC-U) PIPE
- PROPOSED 150mm DIA. MILD STEEL (M.S) PIPE
- METER STAND



TBM IPTG 1
ATAS PAKU
RL=6.130m
U 90039.224
B 40576.845

HAK CIPTA TERPELIHARA :
Kontraktor dimestikan memeriksa semua ukuran ditapak. Kerja-kerja hendaklah berdasarkan kepada ukuran yang dicatatkan sahaja. Sebarang kesilapan hendaklah dilaporkan kepada wakil Pegawai Penguasa sebelum memulakan sebarang kerja.

R.U.	TARIKH	BUTIRAN

PROJEK :
CADANGAN MEMBINA DAN MENYIAPKAN 96 UNIT RUMAH TERES SATU TINGKAT YANG MENDUNGI :

1) 86 UNIT RUMAH TERES 1 TINGKAT JENIS A
PT 1532 - PT 1541 (H.S.(D) 3894 - (H.S.(D) 3903)
PT 1543 - PT 1545 (H.S.(D) 3905 - (H.S.(D) 3907)
PT 1509 - PT 1518 (H.S.(D) 3871 - (H.S.(D) 3880),
PT 1521 - PT 1530 (H.S.(D) 3883 - (H.S.(D) 3892)
PT 1482 - PT 1490 (H.S.(D) 3844 - (H.S.(D) 3852)
PT 1493 - PT 1501 (H.S.(D) 3855 - (H.S.(D) 3863),
PT 1474 - PT 1481 (H.S.(D) 3836 - (H.S.(D) 3843)
PT 1502 - PT 1507 (H.S.(D) 3864 - (H.S.(D) 3869)
PT 1451 - PT 1471 (H.S.(D) 3813 - (H.S.(D) 3833).

2) 5 UNIT RUMAH TERES 1 TINGKAT JENIS B
PT 1520 (H.S.(D) 3882), PT 1519 (H.S.(D) 3881), PT 1492 (H.S.(D) 3854)
PT 1472 (H.S.(D) 3834), PT 1508 (H.S.(D) 3870).

3) 3 UNIT RUMAH TERES 1 TINGKAT JENIS C
PT 1546 (H.S.(D) 3908), PT 1542 (H.S.(D) 3904), PT 1491 (H.S.(D) 3853)

4) 2 UNIT RUMAH TERES 1 TINGKAT JENIS D
PT 1531 (H.S.(D) 3893), PT 1473 (H.S.(D) 3835)

1 UNIT LOJI RAWATAN KUMBAHAN, 1 UNIT PENCAWANG ELEKTRIK SERTA KERJA- KERJA BERKAITAN DI TEMPAT KAMPUNG ALOR LINTAH, MUKIM KUBANG BEMBAM, DAERAH BESUT, TERENGGANU DARUL IMAN.

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CIVIL
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C113918
MALAYSIA

"I hereby certify that these works have been designed by me in accordance with sound engineering practice and that I take full responsibility for the design and proper performance of the same"

Ir. AMSYARI B. ABD AZIZ @ ABDULLAH
Bsc (Hons) Civil, UTM, M.I.E.M, P.Eng

TAJUK LUKISAN :
WATER RETICULATION
WATER RETICULATION LAYOUT PLAN

DILUKIS	MOSAF	NO. PROJEK	2021	REVISION
DISEMAK	NIZ	TARIKH	APR 2025	0 1 2 3
DILULUSKAN	Ir. AAA	SKALA	1 : 500	SHEET NO.
NO. LUKISAN	ABG/KOPERAT/2021/KBM/IF/WR-01			16

SUB. DWG TEND. DWG CONS. DWG AS-BUILT. DWG

TITIK AKHIR : 5.761727, 102.527265

ALOR LINTAH
ENTERPRISE

TITIK AWAL : 5.761528, 102.528230

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