

GENERAL NOTES

- 1. ALL DIMENSIONS, COORDINATES AND ELEVATIONS ARE IN METERS.
- 2. ALL COORDINATES ARE BASED ON UTM PROJECTION, GRID ZONE 42N, WGS 1984 DATUM. LEVELS TAKEN W.R.T BS-01. COORDINATES TAKEN WITH SATELLITE. PROJECTION SCALE FACTOR 1.000.
- 3. SITE GRADING ARE DIVIDED INTO SIX MAJOR STEPS, FROM THE SOUTH TO THE NORTH, NAMED STEP 1 TO STEP 6.
- 4. STEPS ARE CONNECTED BY SLOPES .
- 5. ALL UNDERGROUND FACILITIES SHALL BE VERIFIED AT SITE PRIOR TO CONSTRUCTION OF THE EARTHWORK.
- 6. BEFORE THE RIPRAP SLOPE CONSTRUCTION, ALL ELEVATIONS AND COORDINATES SHOULD BE CHECKED WITH THE SURVEY MAP ETC.
- 7. SIDE SLOPE OF ORIGINAL ROAD SHOULD BE CONDUCTED BY STEPS WHEN NEED TO BE FILLED, THE WIDTH OF EACH STEP WILL BE 2.0M.
- 8. CALCULATIONS OF EARTHWORK QUANTITY FOR STATION STEPS ARE SHOWN ON DRAWINGS PAGE 2 TO PAGE 5.
- 9. EARTHWORK QUANTITY FOR EXCAVATIONS OF STRUCTURE FOUNDATIONS MAY BE VARIED SINCE LACK OF MANUFACTURING EQUIPMENT INFORMATION AT THIS STAGE OF DESIGN.
- 10.THE THICKNESSES OF TOPSOIL STRIPPING AND DREDGING ARE ESTIMATED ONLY, THE FINAL DATA SHOULD BE DETERMINED IN THE CONSTRUCTION STAGE ACCORDING TO THE ACTUAL SITUATION (WATER, SILT ETC.) OF THE POUND.
- 11.ALL THE BUILDINGS, FACILITIES, STRUCTURES SHOWN IN THIS DRAWINGS ARE INDICATED, THE DETAILS SHOULD REFER TO FINAL EDITION OF GENERAL PLOT PLAN.

DISCARD	TOPSOIL STRIPPING	16900m³
SOIL	MUD SOIL REMOVING	50000m³
FOUNDATIONS, EVAPORATION POND, RIPRAP SLOPE, ETC. EXCAVATION		20660m³

ISSUED FOR APPROVAL
(MODIFIED UNDER PROJECT #14-0193)

LEGEND

- NEW FACILITIES
- EXISTING FACILITIES (OR BY OGDCL)
- PIPE RACK/CABLE TRAY
- EXISTING BOUNDARY WALL & FENCE
- ASPHALT ROAD
- SIDE SLOPE

REFERENCE POINT

BS-01	N (m)	E (m)	ELEVATION(m)	REFERENCE
SURVEY COORDINATE	3683280.201	714621.147	565.447	UTM WGS1984

REFERENCE DOCUMENTS

TITLE	DOC No.
GEOTECHNICAL INVESTIGATION REPORT (FINISHED BY ZEALCON COMPANY)	
SPECIFICATION FOR EARTH WORK AND SITE PREPARATION	NGP-000-SCW-15.03-2001-23
TOPOGRAPHIC SURVEY DRAWING (FINISHED BY ZEALCON)	B-5
GENERAL PLOT PLAN	NGP-000-GEN-15.01-0001-00
GRADING AND VERTICAL PLAN	NGP-000-SCW-15.01-2006-23

		Liu Shi Jian	Xiao Jianhua	Zhang Tao Zhang	Qiu Rui di	
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REV	DESCRIPTION	PRPD	CHKD	REVD	APPD	DATE

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CONTRACTOR.
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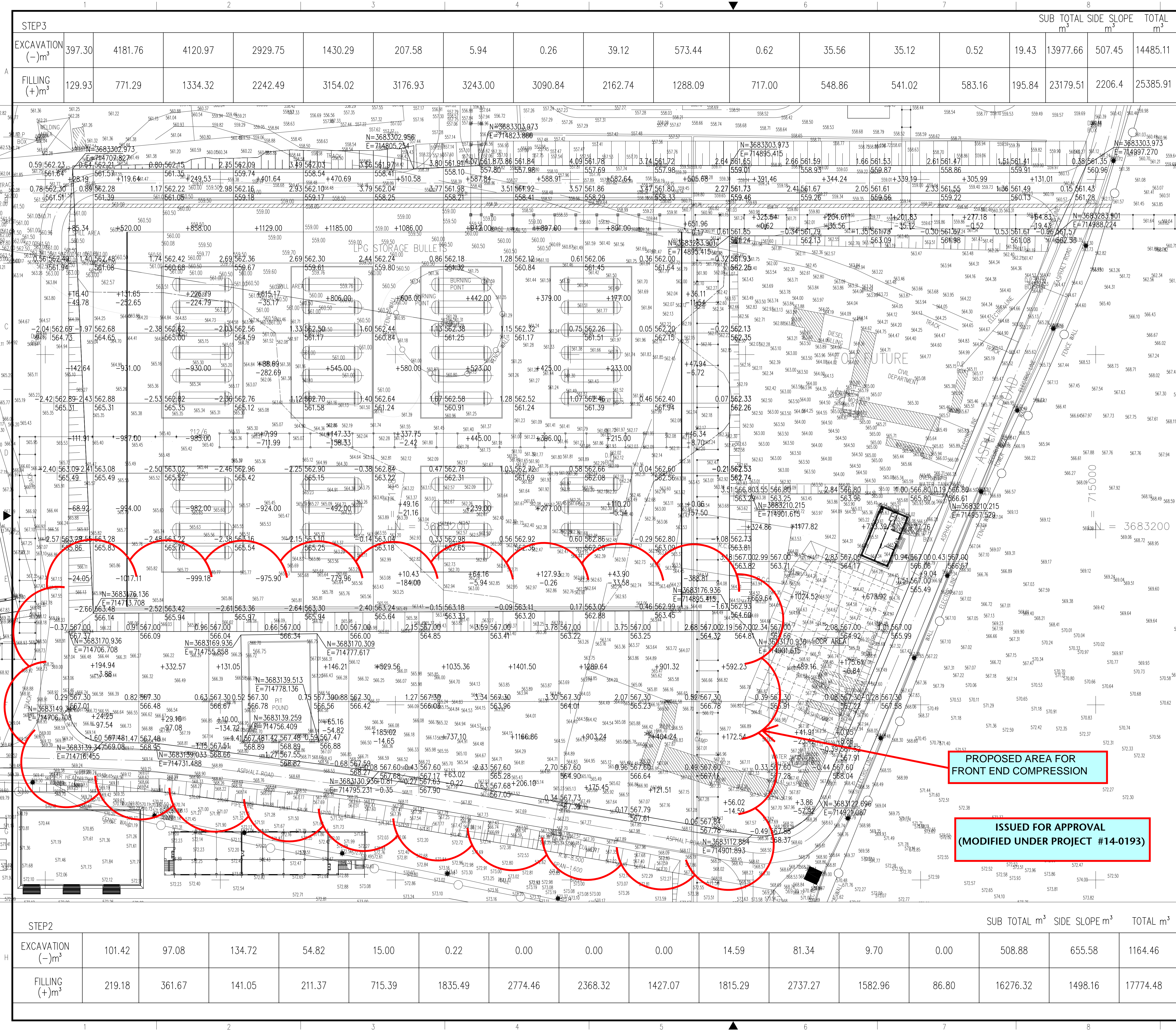
PROJECT NO.
NASHPA 1247

PROJECT TITLE: NASHPA GAS PROCESSING AND LPG RECOVERY PLANT PROC-FC-CB/NASHPA/PROJ-1247/2015

DRAWING NO.

DRAWING TITLE: SITE GRADING AND LEVELING PLAN

REV.	SCALE	SHEET
02	1:500	1 OF 6



KEY PLAN

GENERAL NOTES

1. ALL DIMENSIONS, COORDINATES AND ELEVATIONS ARE IN METERS.

2. ALL COORDINATES ARE BASED ON UTM PROJECTION, GRID ZONE 42N, WGS 1984 DATUM. LEVELS TAKEN WRT BS-01. COORDINATES TAKEN WITH SATELLITE. PROJECTION SCALE FACTOR 1.000.

3. ALL PIPELINES CROSSINGS SHALL BE VERIFIED AT SITE.

4. ALL UNDERGROUND FACILITIES SHALL BE VERIFIED AT SITE PRIOR TO CONSTRUCTION OF THE EARTHWORK.

NOTES

1. SQUARE GRID SPACE IS 20x20 METER.

2. THE SIDE SLOPE IS 1:1.5.

3. FILLING SHALL BE DONE IN LAYER OF 150MM COMPACTED THICKNESS, COMPACT TO 95% OF MAXIMUM DRY DENSITY.

4. THE VERTICAL SLOPE OF "STEP 2" IS 1.50%, THE DIRECTION IS FROM THE SOUTH TO THE NORTH.

5. THE VERTICAL SLOPE OF "STEP 3" IS 1.04%, THE DIRECTIONS ARE FROM THE SOUTH-EAST TO THE MIDDLE AND FROM THE SOUTH-WEST TO THE MIDDLE.

6. ALL EARTH WORKS SHALL BE DONE AS PER SPECIFICATION FOR EARTH WORK AND SITE PREPARATION.

7. AREA SHALL BE CLEARED OF ANY EXISTING VEGETATION, DEBRIS. MINIMUM TOP 150MM LAYER OF LOOSE WIND BLOWN SAND (IF ANY) OTHER FOREIGN / UNACCEPTABLE MATERIAL AND DISPOSED OF TO AN APPROVED SPOIL AREA.

8. ANY EXISTING POND SHALL BE DRAINED OFF WATER AND THE MUD SOIL SHOULD BE REMOVED, THEN TO BACKFILL. THE DEPTH OF DREDGING IS TO THE ORIGINAL SOIL.

9. THE VOLUME OF DREDGING AND FILLING OF POND MAY BE VARIED DURING CONSTRUCTION BECAUSE THERE IS NOT ENOUGH ELEVATION DATA ON THE BOTTOM OF EXISTING POND.

10. AFTER CLEARING, GRUBBING AND REMOVAL OF ALL UNSUITABLE MATERIAL, THE SURFACE OF SUBSOIL TO RECEIVE FILL SHALL BE COMPACTED SO THAT THE UPPER 300MM OF THE SUBSOIL SHALL BE WITH A MINIMUM OF 95% MAXIMUM AREA.

11. STATION EARTHWORK IS SUGGESTED TO BE CONDUCTED REFERRED TO ROAD AND PAVEMENT STRUCTURES.

12. THE VOLUME OF FILLING SHOWN IN THIS DRAWING IS AFTER COMPACTED AND THE VOLUME OF EXCAVATION IS NATURAL EARTH.

13. COR AREA WILL BE LEVELLED UP TO 570.00M, THE SCOPE OF EACH AREA IS SHOWN IN THE DRAWING GRADING AND VERTICAL PLAN, PAGE 3 OF 4.

14. FILLING FOR COR AREA IS 3600M³.

LEGEND

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PROJECT NO.

NASHPA 1247

DRAWING NO.

NASHPA GAS PROCESSING AND LPG RECOVERY PLANT PROC-FC-CB/NASHPA/PROJ-1247/2015

REV. SCALE SHEET

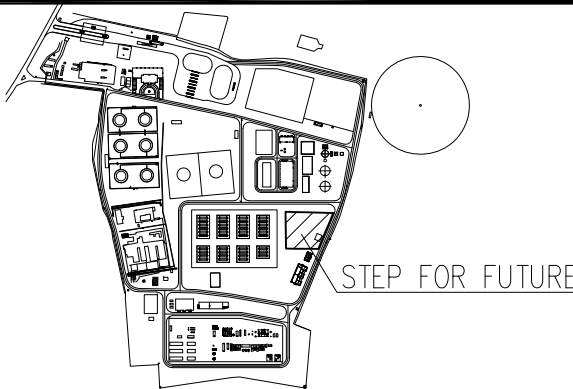
REV.	SCALE	SHEET
02	1:500	3 OF 6

Drawing Size: ISO A1 (V)



EXCAVATION (-) m³	0.00	93.31	541.36	451.13	12.95	1098.75	0.00	1098.75
FILLING (+) m³	1519.49	480.16	97.18	138.14	44.87	2279.84	350.07	2629.91

KEY PLAN



GENERAL NOTES

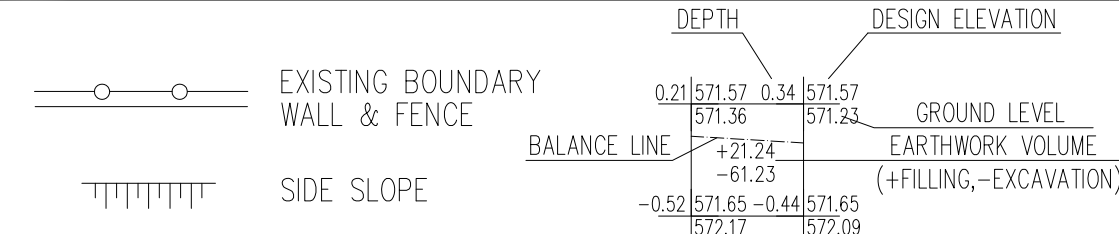
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02 1:500 6 OF 6