

## GENERAL NOTES

1. THE SUBCONTRACT DOCUMENTS (TERMS AND CONDITIONS, EXHIBITS), PROJECT SPECIFICATIONS AND DESIGN DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
2. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, AUSTRALIAN STANDARDS AND N.T. GOVERNMENT REQUIREMENTS.
3. ALL DIMENSIONS AND LEVELS ARE IN METRES, U.N.O. SCALES AND SCALE BARS SHOWN ARE FOR A1 DRAWING SIZE, UNO.

## SURVEY

1. ALL CO-ORDINATES TO MGA94, ZONE 52, U.N.O.
2. ONSHORE LEVELS SHOWN TO m AHD (AUSTRALIAN HEIGHT DATUM), U.N.O.
3. BASE SURVEY INFORMATION FROM LIDAR SURVEY COMPLETED BY FUGRO SPATIAL SOLUTIONS ON 6 DECEMBER 2007 AND OBTAINED FROM INPEX UNLESS NOTED OTHERWISE.
4. EXISTING SERVICE INFORMATION OBTAINED FROM N.T. GOVERNMENT. SUBCONTRACTOR SHALL CONFIRM ALL SERVICE LOCATIONS.

## EARTHWORKS

1. EARTHWORKS SHALL COMPLY WITH THE PROJECT SPECIFICATION FOR SITE PREPARATION AND EARTHWORKS L320-AC-SPC-0001.
2. GROUND CONDITIONS ARE DESCRIBED IN THE ARUP PHASE 1, PHASE 2 AND PHASE 3 GEOTECHNICAL INVESTIGATIONS (GIVEN IN EXHIBIT E).
3. SUBCONTRACTOR SHALL ALLOW FOR TOPSOIL TO BE STRIPPED TO AN AVERAGE NOMINAL DEPTH OF 230mm AT THE PLANT SITE AND 150mm AT THE OPERATIONS COMPLEX AND SITE ACCESS ROAD. ACTUAL DEPTHS TO BE CONFIRMED ON SITE. TOPSOIL SHALL BE STOCKPILED FOR RESPREADING IN ACCORDANCE WITH THE PROJECT SPECIFICATION FOR SITE PREPARATION AND EARTHWORKS L320-AC-SPC-0001. LOCATION TO BE CONFIRMED WITH CONTRACTOR.
4. UNSUITABLE MATERIALS SHALL BE REMOVED IN ACCORDANCE WITH THE PROJECT SPECIFICATION FOR SITE PREPARATION AND EARTHWORKS L320-AC-SPC-0001.
5. ACID SULPHATE SOILS (ASS) SHALL BE MANAGED IN ACCORDANCE WITH 'VOLUME II ACID SULFATE SOILS' MANAGEMENT PLAN L290-AH-PLN-0018, PROPOSED SUBCONTRACTORS ASS MANAGEMENT PLAN TO BE DEVELOPED IN ACCORDANCE TO THE N.T. DEPT. NATURAL RESOURCES ENVIRONMENT AND THE ARTS REQUIREMENTS.
6. THE ESTABLISHMENT AND REHABILITATION OF THE EXTRACTIVE MATERIALS AREA SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATION FOR SITE PREPARATION AND EARTHWORKS L320-AC-SPC-0001 AND N.T. DEPARTMENT PLANNING AND INFRASTRUCTURE REQUIREMENTS.
7. TOP SOIL NOT CONTAMINATED WITH WEEDS SHALL BE APPROPRIATELY STOCKPILED FOR FUTURE RE-SPREADING AND REHABILITATION OF DISTURBED AREAS IN ACCORDANCE WITH THE PROJECT SPECIFICATION FOR SITE PREPARATION AND EARTHWORKS L320-AC-SPC-0001 AND ANY TOPSOIL CONTAINING WEEDS SHALL NOT BE RESPREAD AND SHALL BE BURIED ON SITE IN AN APPROVED AREA.

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## GROUND IMPROVEMENT

1. GROUND IMPROVEMENT DESIGN SHALL BE DEVELOPED BY SUBCONTRACTOR AS A DESIGN, CONSTRUCT AND MONITOR COMPONENT OF THE SITE DEVELOPMENT SUBCONTRACT PACKAGE (ICVL-2).
2. GROUND IMPROVEMENT SHALL MEET THE REQUIREMENTS OF THE PERFORMANCE SPECIFICATION FOR GROUND IMPROVEMENT L320-AC-SPC-0010.
3. THE SUBCONTRACTOR SHALL ASSESS, VERIFY AND CONFIRM THE EXTENTS OF THE REQUIRED GROUND IMPROVEMENT IN ORDER THAT THE REQUIREMENTS OF THE PERFORMANCE SPECIFICATION FOR GROUND IMPROVEMENT L320-AC-SPC-0010 ARE ACHIEVED.

## ROADS AND PAVING

1. PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH AS.1742 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
2. ROADWORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR ROAD AND PAVING WORK L320-AC-SPC-0004.
3. DESIGN VEHICLE FOR THE SIMULTANEOUS OPERATIONS ROAD AND CONSTRUCTION ROADS WITHIN THE PLANT SITE IS A B-DOUBLE WITH THE FOLLOWING EXCEPTIONS:
  - CONSTRUCTION ROADS CR7, CR9 AND CR10 SEMI-TRAILER
  - SIMULTANEOUS OPERATIONS ROAD 40km/hr
  - CONSTRUCTION ROADS WITHIN PLANT SITE 20km/hr
4. DESIGN SPEED USED FOR ROAD GEOMETRY DESIGN IS AS FOLLOWS:

## DRAINAGE

1. THE TEMPORARY CONSTRUCTION DRAINAGE SHALL BE IN ACCORDANCE WITH THE "EROSION AND SEDIMENT CONTROL GUIDELINES" - DEPARTMENT OF LANDS PLANNING AND THE ENVIRONMENT (N.T.). VOLUME 2 EROSION AND SEDIMENT CONTROL PLAN L290-AH-PLN-0037 AND VOLUME 2 SURFACE WATER MANAGEMENT PLAN L290-AH-PLN-0012.
2. EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE DEVELOPED BY SUBCONTRACTOR FOR CONSTRUCTION PHASE.
3. DESIGN EVENT RECURRENCE INTERVAL
  - PERMANENT NCW SYSTEM 10 YEARS
  - TEMPORARY SITE PREPARATION NCW SYSTEM 5 YEARS
4. CONSTRUCTION PLANT AND EQUIPMENT LOADS ABOVE RC PIPE SHALL BE WITHIN LIMITS SPECIFIED BY MANUFACTURER.
5. THE OVERALL DRAINAGE CONCEPT, SYSTEM HYDRAULIC DESIGN AND COMPONENT SIZING FOR THE PERIMETER RESERVOIR AND ITS ASSOCIATED OUTFALL HAS BEEN DEVELOPED BY OTHERS. REFER TO L320-AC-REP-0018: DESIGN REPORT FOR NON-CONTAMINATED WATER DRAINAGE IN PLANT AREA.
6. CONCRETE WORKS INCLUDING CONCRETE COVER SHALL ADHERE TO THE REQUIREMENTS OF SPECIFICATION FOR CONCRETE L320-AC-SPC-0005 (S-0320-1320-0201) REV 2. STANDARD MINIMUM COVER IS 65mm.

## TEMPORARY FACILITIES

1. SUBCONTRACTOR SHALL ALLOW FOR THE PROVISION OF TEMPORARY SITE OFFICE AND ASSOCIATED POWER, WATER AND WASTEWATER DISPOSAL OR TREATMENT.
2. WIND LOADS ON TEMPORARY SITE OFFICES AND FACILITIES SHALL BE DETERMINED AND APPLIED IN ACCORDANCE WITH AS.1170.2. WIND REGION C "TROPICAL CYCLONES".

## LEGEND

### EXISTING SERVICES

	EXISTING STORMWATER DRAINAGE
	EXISTING COMMUNICATIONS CONDUIT
	EXISTING GAS MAIN
	EXISTING WATER MAIN
	EXISTING TELSTRA
	EXISTING OVERHEAD POWER
	EXISTING UNDERGROUND POWER
	EXISTING ELECTRICAL CONDUIT
	EXISTING FENCING
	EXISTING SANITARY SEWER
	EXISTING FOOTPATH
	EXISTING CONCRETE KERB
	EXISTING SURVEY MARKER
	EXISTING NATURAL SURFACE SPOT LEVEL
	EXISTING NATURAL SURFACE CONTOURS
	EXISTING TRACK (UNSEALED)
	EXISTING CUT/FILL EMBANKMENT
	EXISTING PIPERACK/PIPE CULVERT
	EXISTING SEALED ROAD

### SIGNAGE AND LINEMARKING

	NEW PAINTED LINE
	EXISTING PAVEMENT ARROW
	NEW PAVEMENT ARROW
	EXISTING ONE POST SIGN
	NEW OR REPOSITIONED ONE POST SIGN
	EXISTING TWO POST SIGN
	NEW OR REPOSITIONED TWO POST SIGN

### PROPOSED SERVICES

	PROPOSED STORMWATER DRAINAGE
	PROPOSED COMMUNICATIONS CONDUIT
	PROPOSED GAS MAIN
	PROPOSED WATER MAIN
	PROPOSED TELSTRA
	PROPOSED OVERHEAD POWER
	PROPOSED UNDERGROUND POWER MAIN
	PROPOSED ELECTRICAL CONDUIT
	PROPOSED SANITARY SEWER
	SINGLE STREET LIGHTING

### DRAINAGE

	DRAINAGE MANHOLE
	DRAINAGE CULVERT
	DRAINAGE SIDE ENTRY PIT
	GRATED GULLY PIT
	HEADWALL
	TABLE DRAIN
	OPEN DRAIN

PIPE DATA	
UPSTREAM I.L. (m AHD)	
PIPE DIAMETER (mm)	
PIPE LENGTH (m)	
DOWNSTREAM I.L. (m AHD)	
PIPE CLASS	

### WATER

	FIRE HYDRANT
	STANDPIPE (WITH SIZE)
	VALVE AND VALVE SIZE
	CHANGE IN PIPE SIZE

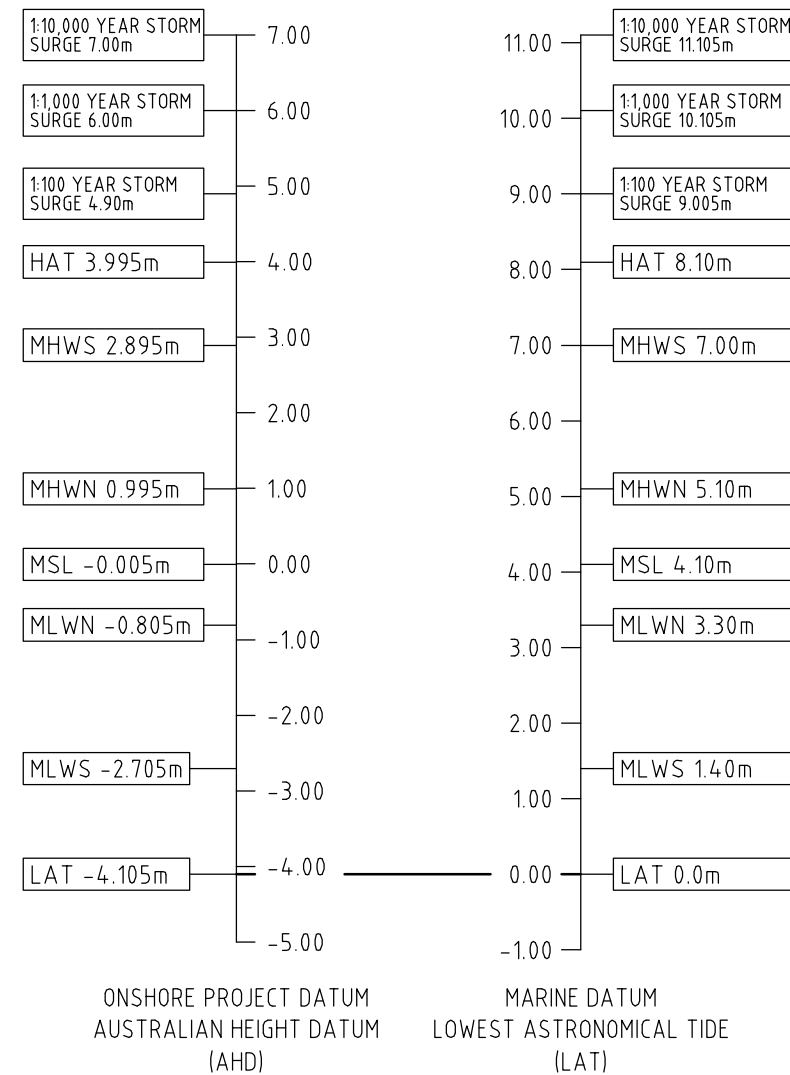
### EARTHWORKS AND ROADWORKS

	NEW SURVEY MARKER/ BENCH MARK
	NEW FINISHED DESIGN SPOT LEVEL
	NEW FINISHED DESIGN SURFACE CONTOURS
	NEW ROAD CONDUIT
	NEW SEALED ROAD
	NEW UNSEALED ROAD
	NEW CUT/FILL EMBANKMENT
	NEW PIPERACK/PIPE CULVERT

	CONCRETE PAVEMENT : HEAVY DUTY
	CONCRETE PAVEMENT : LIGHT DUTY
	ASPHALT PAVEMENT
	SEALED HARDSTAND
	UNSEALED HARDSTAND
	GRAVEL SHEETING

	CO-ORDINATE LABEL
	WORK POINT/ SETOUT POINT
	CHAINAGE POINT
	TANGENT POINT AND CHAINAGE
	DEFLECTION ANGLE (degrees)
	RADIUS
	ARC LENGTH
	TANGENT LENGTH
	V.P.I. CHAINAGE
	V.P.I. ELEVATION (m)
	LENGTH OF VERTICAL CURVE
	'E' VALUE
	'K' VALUE (LENGTH CURVE / 1% GRADE CHANGE)

	NEW FENCING (PERMANENT PERIMETER FENCE)
	NEW FENCING (PERMANENT SECONDARY FENCE)
	NEW FENCING (REMOVABLE)
	NEW DOUBLE GATE
	NEW SINGLE GATE



2	14-Oct-14	IAB	P BRANDIS	J LIEW	P CHRISTIAN
1	21-Feb-13	IFC	N PRASETIO	A MORETTI	MURATAYA
0	3-Apr-12	IFC	N PRASETIO	A MORETTI	MURATAYA
D	7-Dec-11	IFR (EPC)	N PRASETIO	A MORETTI	MURATAYA
C	19-Mar-10	IFD	A MORETTI	MATEER	MATEER
No.	DATE	ISSUE PURPOSE	PREPARED	CHECKED	APPROVED

#### REVISIONS

**INPEX**

ICHTHYS ONSHORE LNG FACILITIES

DRAWING TITLE

SITE PREPARATION  
GENERAL NOTES AND LEGEND

**JKC**  
JKC AUSTRALIA LNG PTY LTD

SCALE		N/A
COMPANY CONTRACT NO.		800224
REVIEW CLASS		2
JKC JOB CODE	KBR JOB CODE	CHD JOB CODE
0-6037-21	F034	11051
JKC DWG NO.	SIZE	
D-0000-1312-3002-0	A1	
COMPANY DWG NO.	REV	
L320-DC-PAE-0002.001	2	