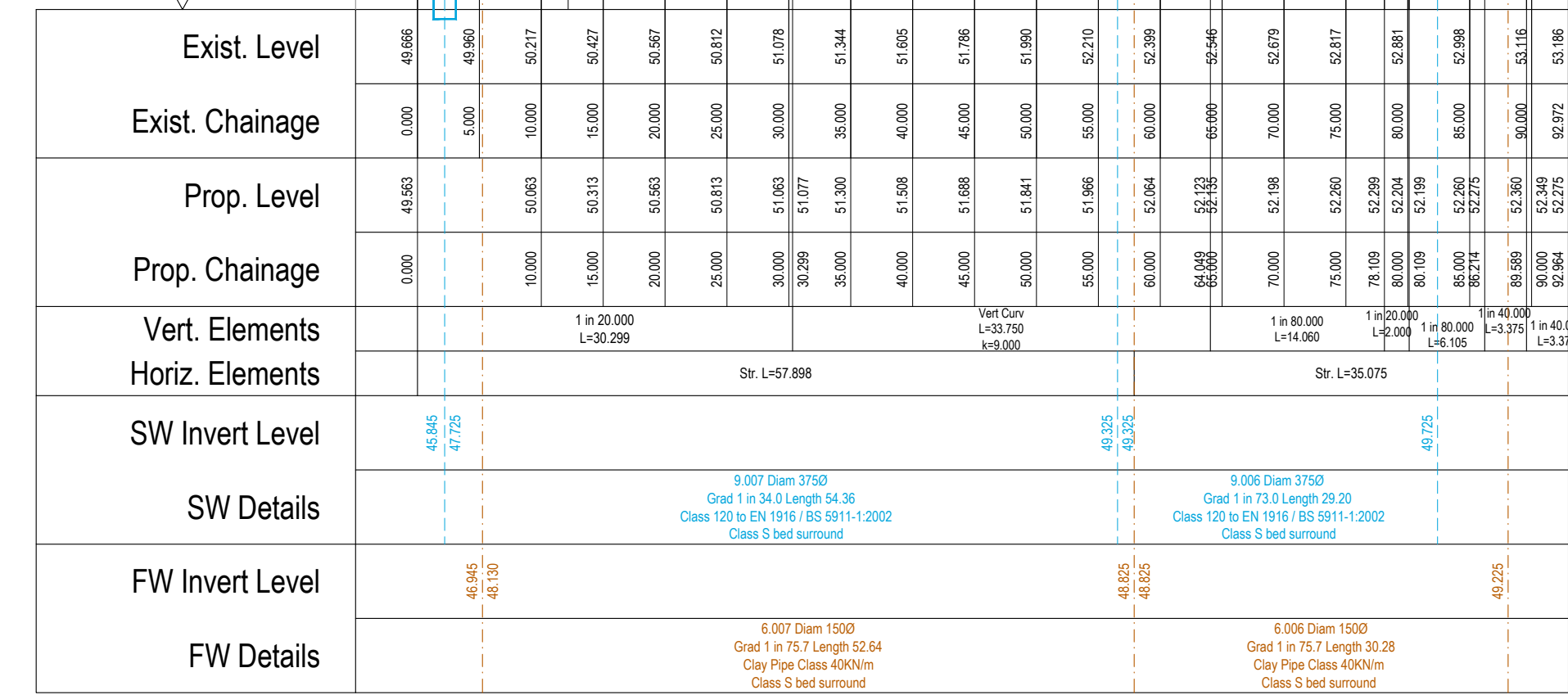
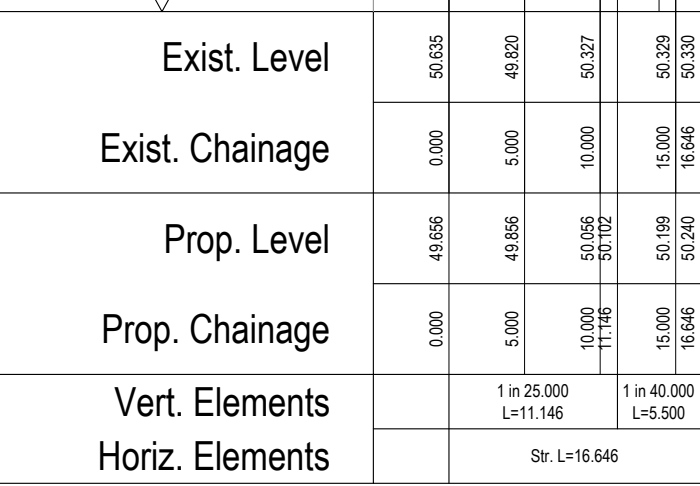


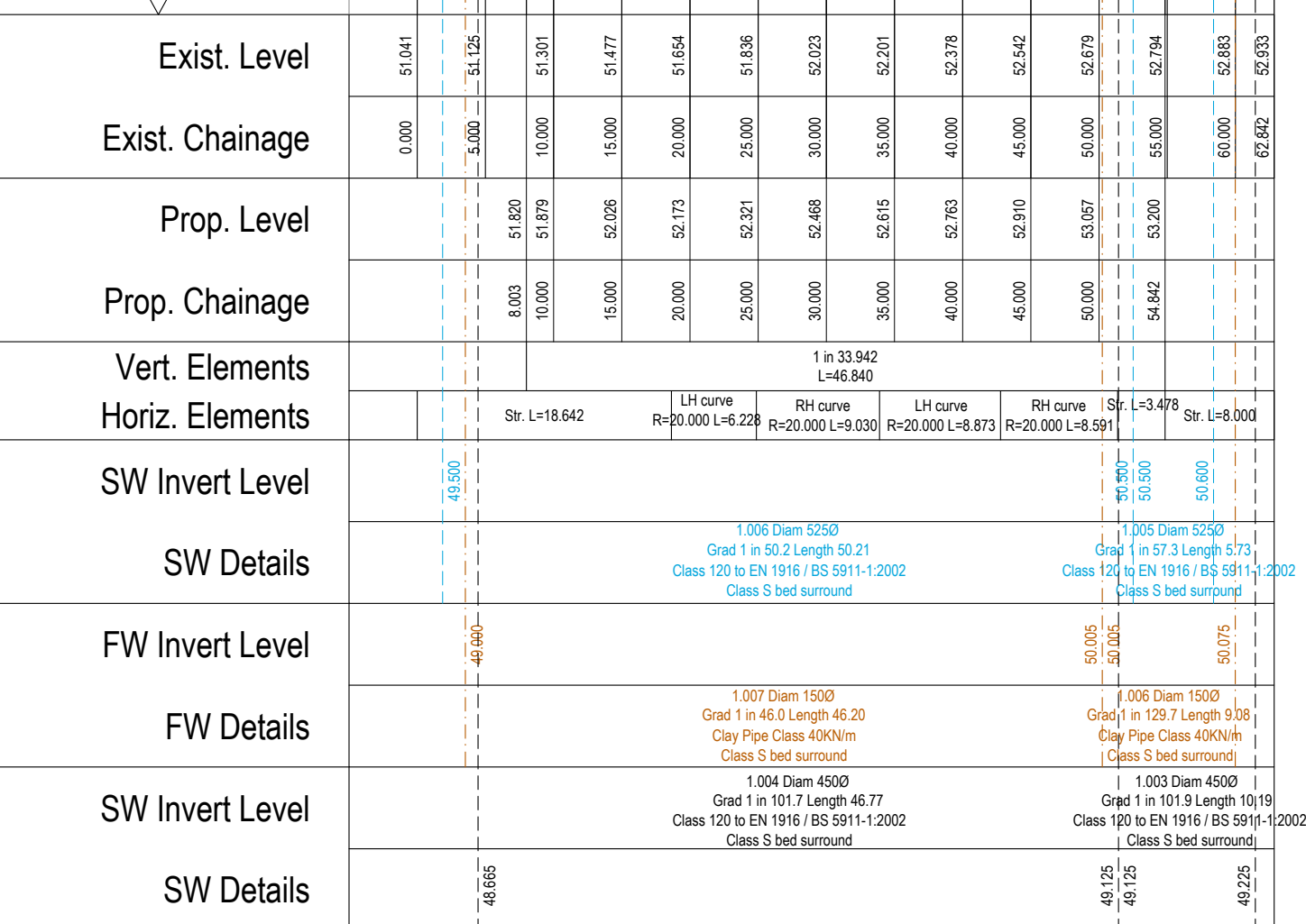
ROAD11
Horiz. 1:500
Vert. 1:100
46.00 A.O.D.



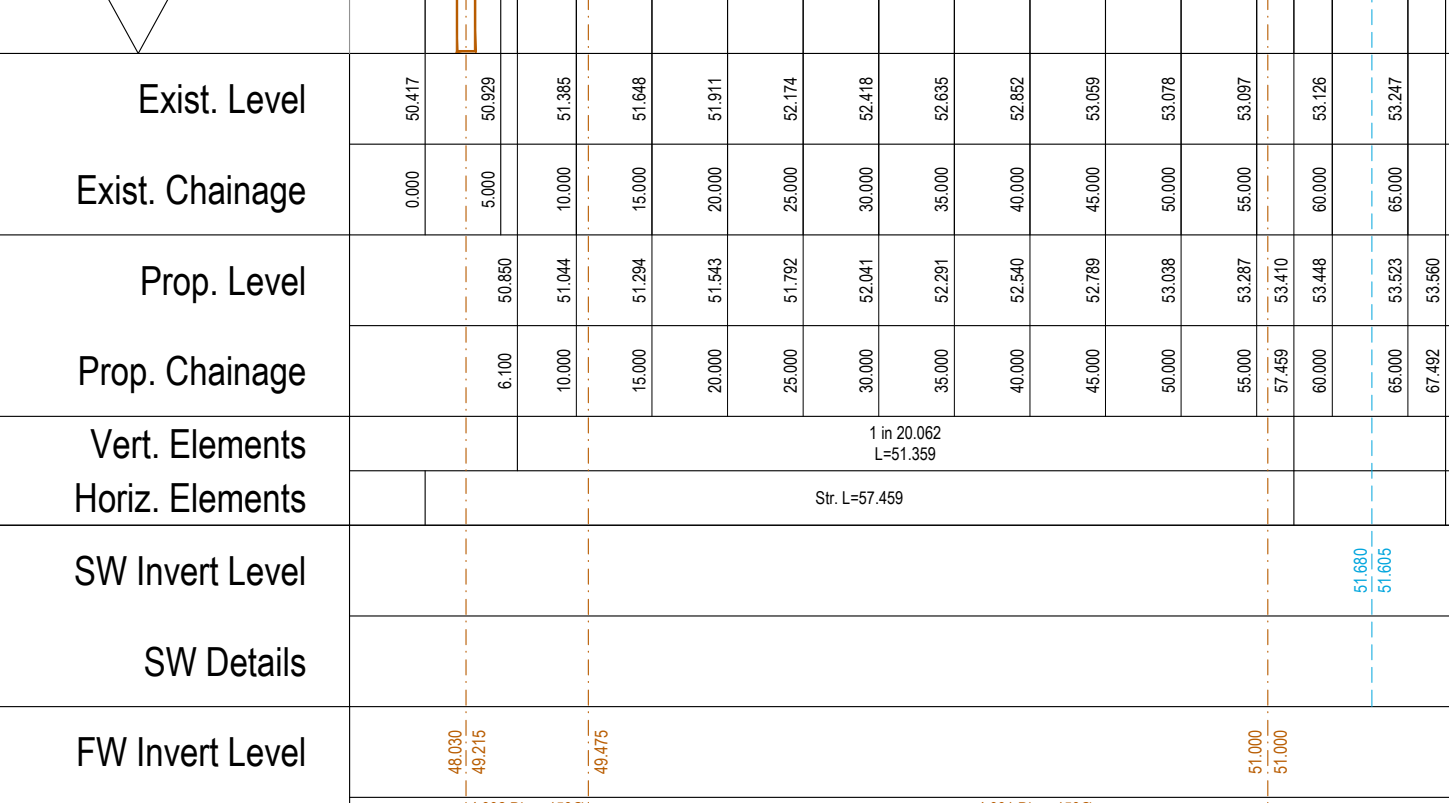
ROAD12
Horiz. 1:500
Vert. 1:100
46.00 A.O.D.



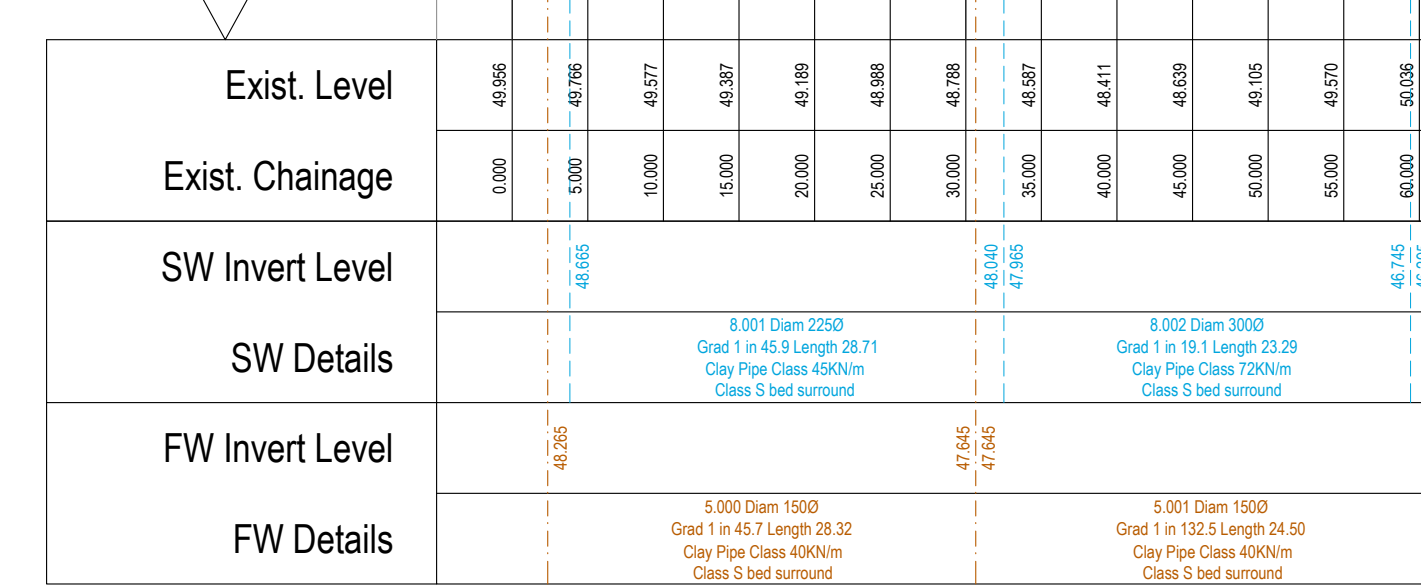
LINK 1
Horiz. 1:500
Vert. 1:100
48.00 A.O.D.



LINK 2
Horiz. 1:500
Vert. 1:100
48.00 A.O.D.



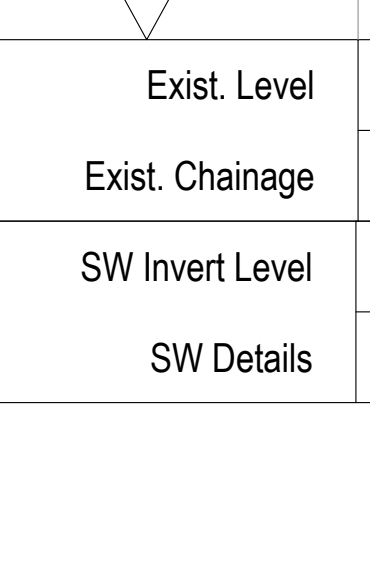
S29-S31
Horiz. 1:500
Vert. 1:100
46.00 A.O.D.



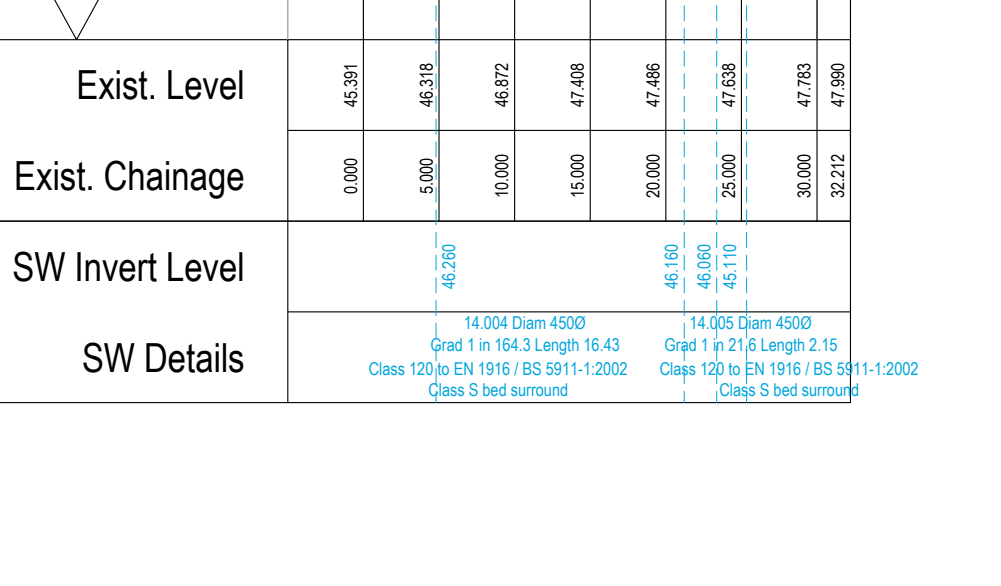
S31-TANK
Horiz. 1:500
Vert. 1:100
45.00 A.O.D.



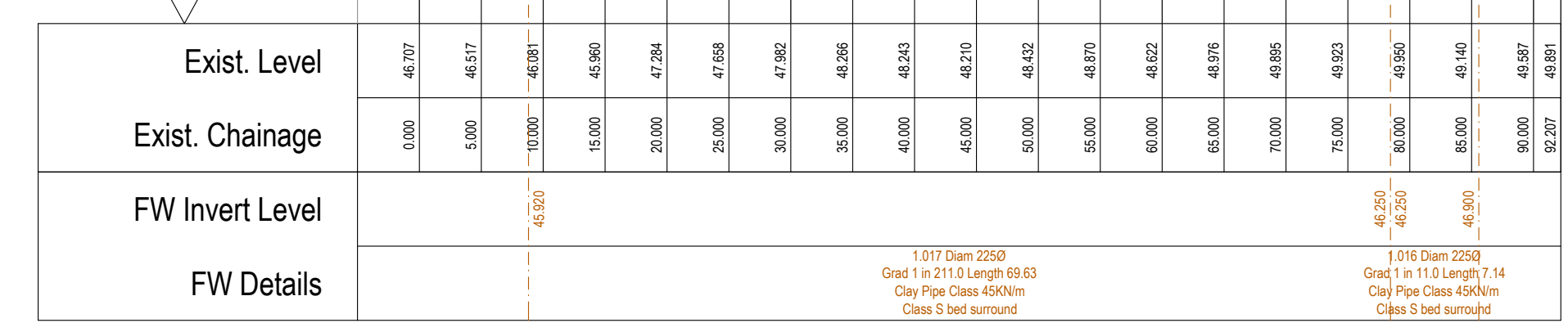
S57-TANK
Horiz. 1:500
Vert. 1:100
44.00 A.O.D.



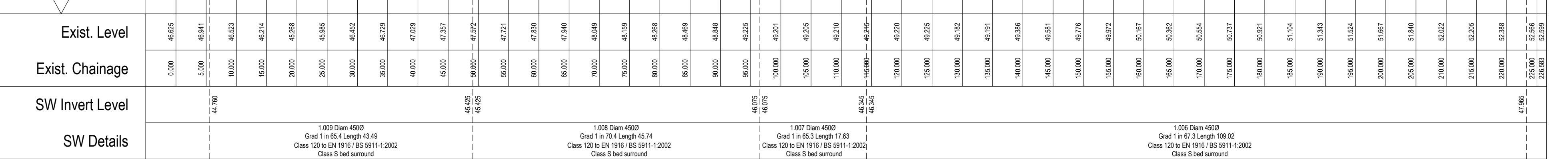
S53-S54
Horiz. 1:500
Vert. 1:100
42.00 A.O.D.



F41-F36
Horiz. 1:500
Vert. 1:100
42.00 A.O.D.



CULVERT
Horiz. 1:500
Vert. 1:100
42.00 A.O.D.



Only PDF (PDF) issues of this drawing are controlled. All other formats (eg DWG AutoCAD FILES) are Uncontrolled and are not to be used for construction.

- Contractor must ensure that the following conditions are met:
1. DO NOT USE THIS DRAWING IN ISOLATION. The drawing has been prepared as part of a set, and must therefore be used in conjunction with all other drawings. Any discrepancies must be reported to the engineer prior to construction works.
 2. The party information is used to prepare the engineering design (including, but not limited to, the design of the drainage system, and the design of the drainage system). The engineering design must therefore be used in conjunction with all other party information prior to construction work. Queensland Design Ltd is not responsible for any third party information or details.
 3. Change order drawings are to be used in conjunction with the job setting out drawing.
 4. Changing status will remain preliminary until full technical approval is received from local authority and sewerage undertaker. Works commenced prior to technical approval are done at the risk and cost of the contractor.
 5. The contractor is expected to prepare appropriate construction method statements for all aspects of proposed work. The statements must be approved by the engineer prior to construction works.
 6. Land drainage is not permitted to discharge into the public sewer network. Any need for land drainage should be discussed with the engineer prior to construction works. The position, line and diameter of all existing drainage apparatus should be confirmed on site prior to the commencement of the work. Any discrepancies must be reported to the engineer immediately.
 7. The contractor is expected to check all drainage levels prior to commencing work. This may involve carrying out a full survey of the drainage system. The position, line and diameter of all existing drainage apparatus should be confirmed on site prior to the commencement of the work. Any discrepancies must be reported to the engineer immediately.
 8. The contractor must ensure that the following conditions are met: a) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. b) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. c) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. d) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. e) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. f) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. g) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. h) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. i) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. j) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. k) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. l) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. m) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. n) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. o) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. p) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. q) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. r) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. s) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. t) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. u) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. v) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. w) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. x) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. y) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. z) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998.

- Highways
1. All highway works to be carried out in accordance with the current Local Authority design guide and specification.
 2. All excavations below proposed and existing highway to be back filled with granular Type 1 sub-base and compacted to 98% of maximum dry density, unless otherwise specified.
 3. The contractor is expected to ensure that the following conditions are met: a) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. b) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. c) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. d) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. e) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. f) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. g) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. h) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. i) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. j) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. k) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. l) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. m) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. n) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. o) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. p) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. q) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. r) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. s) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. t) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. u) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. v) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. w) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. x) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. y) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. z) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998.

- Adoptable Drainage
1. All adoptable drainage works and materials to be in accordance with "Newcomer's Guide to the Construction of Drainage Systems" published by the Queensland Drainage Association.
 2. All excavations below proposed and existing highway to be back filled with granular Type 1 sub-base and compacted to 98% of maximum dry density, unless otherwise specified.
 3. The contractor is expected to ensure that the following conditions are met: a) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. b) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. c) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. d) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. e) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. f) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. g) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. h) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. i) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. j) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. k) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. l) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. m) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. n) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. o) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. p) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. q) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. r) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. s) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. t) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. u) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. v) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. w) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. x) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. y) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998. z) The drainage system must be designed to meet the requirements of the Queensland Drainage Act 1998.

- Existing Services
1. Prior to the commencement of any works under ground mapping survey and constraints plan to be referred to any discrepancies are to be reported to engineer.
 2. Any existing services which may be affected by the proposed works should be located by means of a hand dig in close liaison with the relevant service authorities. The contractor shall inform the designer of any services that may affect the proposed design. Contractor is to verify existing services prior to commencement of work. No Contractor Information is the contractor's responsibility to provide the following as constructed drawings to the designer upon the completion of the work covered by the contract:
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F	15.11.20	DRAINAGE LINK 2 UPDATED	NO	NO
E	09.01.20	MANHOLE REFERENCES AMENDED	NO	NO
D	05.05.20	ATTENUATION ACCESS POINTS ADDED	NO	NO
C	10.07.20	SECTION 14 COMMENTS ADDED	NO	NO
B	19.03.20	REDESIGNED TO NEW PLANNING LAYOUT	NO	NO
A	24.01.20	REDESIGNED TO NEW PLANNING LAYOUT	NO	NO
-	25.07.19	FIRST ISSUE	NO	NO

Rev. Date Revision Details Drawn Checked

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KEEPMOAT HOMES

THURNSCOE PHASE 3

LONGSECTIONS SHEET 3

ND AL Date 25.07.19

Drawing Number QD1386-05-03

Drawing Date 1:500/100 - A0

Rev. F