







of file material (Class 6L.7) ensure units are level and stable.       Valuaral of contraction for Highway Works. Series 600 (Nor 06).       Handling       A.     Weight of concrete is based on 2.4 tornelm* 45% is recommended for stable glug explanent.       B.     A. Ill filing ports shall be used as specified below       C.     Unit to belind as per Hing explanent.       B.     A. Ill filing ports shall be used as specified below       C.     Unit to belind as per Hing explanent.       B.     Lifting storage has been of 2.4 tornelm* 45% is recommended for stable glug explanent.       C.     Unit to belind as per Hing explanent.       C.     Unit to belind as per Hing explanent.       C.     Concrete provides Design OrAldow Mix.       C.     Concrete provides Design OrAldow Mix.       C.     Concrete provides Design OrAldow Mix.       A.     Read Concrete Association Concrete Instance Association provides Design OrAldow Mix.       A.     Manufacture to BS EN 15252.008 proceast concrete products realing wall elements, factory production provides Design OrAldow Associate Asso	Ad dimensions in mu U.S.     Ad immessions in marked will cash be added in a minimum frammession in the pipework.     To persion in task will cash be added on minimum frammession in the pipework.     Immet level of pipe can be set to your specification.     Headball Instational Cash Berlin Instate will cannot be added on minimum frammession in the pipework.     Added added on minimum frammession in the pipework instate will cannot be added on minimum frammession.     Added Decampacing CASH Mark Science 200 (New Og).     Handling     Add Itting points shull be used as specified below     C. Unit to be lifted as per tifting diagram     Concrete provides Design Charles Mark     Add Itting strength sead on 2 closes = 20Mmm <sup>2</sup> C. Characteristic 2 day cube sergith = 50Mm <sup>2</sup> D. Concrete provides Design Charles Mark     Subdivision for Highway Works.     Subdivision Design Charles Mark     Subdivision for Highway Works.     Subdivision Design Charles Mark     Subdivision for Highway Works.     Subdivision for Highway Highway Hig						
All measurements 1mm     Control     Copering in back wall cast to suit outside diameter of     the pipework.     Invert level of pipe can be set to your specification.     Invert level pipe can be set to your sp	All masurements 1mm     Sequentization Information     Opering in back wall cast to suit outside diameter of     the pipework.     Immert level of pipe can be set to your specification.     Immert level of pipe can be set to your specification.     Information Information     One should be bedded on minimum 150mm thick well compared to     Section 1000000000000000000000000000000000000	NOTES:	All dimens	ions in mm L	1.0.S		
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The pipework.           • Invert level of pipe can be set to your specification.           Headball Installation           Ubits should be bedded on minimum 150mm Thick well compacted Class (N or 6K' well graded granular material with a 50mm toppin of the material Class (L') to ensure units are level and astrony.           Manual of contract documents for Highway Victors. Scenes 600 (New 09).           Handling           Manual of contract documents for Highway Victors. Scenes 600 (New 09).           Handling           A With the concented is based on 2.4 Lonvelm <sup>-1</sup> -65k is A Milling points shall be used as specified below           C. Unit to be lifted as per tifting diagram           Concreter A Milling strength based on 2 cubres = 20Mm <sup>-1</sup> C. Characteristic 2 day ubres errorght = 60Mm <sup>-1</sup> D. Concreter provides Design Chemical Class 4 (DC-1) to special Diget 1, Table F2.           Reinforcement Data Scheduling, dimensions, bends & Cutting to BS8666           Manufacture to BS EN 13259.2008 precisat concrete products -retaining will elements, factory production ocortori ordinate 0066:CPR-60464 & BS EN 15029           B. Mainfacture to BS EN 13259.2008 precisat concrete products -retaining will elements, factory production ocortori ordinate 0065:CPR 60464 & BS EN 15029           D. Marking, Uhit Shall be indeliby marked to show:           • Mound facture to BS EN 13290 clause 4.3.1.1           C. Tolerances to SD EN 13290 clause 4.3.1.1           D. Marking, Uhit Shall be Indeliby ma	the piperoni.           Immed Weed of pipe can be set to your specification.           Headwall Installation           Ubits should be bedded on minimum 150mm Thick well compacted Class (N or 6K' well graded granular material with a 50mm toppin, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and attrabule, of hem material (Cass C1) se ensure units are level and concrete and the as per titing diagram Concrete C Caracteristic 2 day cube sergint + 50.Nmm <sup>1</sup> D. Concrete provides Design Chemical Class 4 (DC4) to special Diget 1, Table 5 Design Chemical Class 4 (DC4) to special Diget 1, Table 5 Design Chemical Class 4 (DC4) to special Diget 1, Table 5 Design Chemical Class 4 (DC4) to be concidiate 0060-CHR 6 (DC4) Se DES N 13396 B. Tolerances to BS EN 13256 cause 4.3.1.1 C C. Fuederice code to be model date to that weight (e) Demoter C Demotel date to date and the set of table in the level conditions bodd be assessed for suitability by the conditions bodd	Specifica •	Opening in	back wall ca	ast to suit out	tside diameter of	
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Handbarg         Concrete         Is based on 2.4 tonnelm <sup>4</sup> 45% is a recommended for string litting equipment.         B.         All litting optimis antible subset as specified below           B.         All litting optimis antible subset as specified below         Concrete         Minimum           B.         Litting strength based on 2.0 cobes = 20Nimm <sup>4</sup> Concrete           B.         Litting strength based on 2.0 cobes = 20Nimm <sup>4</sup> Concrete provides Design Choese = 20Nimm <sup>4</sup> C.         Concrete provides Design Choese = 20Nimm <sup>4</sup> Concrete provides Design Choese = 20Nimm <sup>4</sup> D.         Concrete provides Design Choese = 20Nimm <sup>4</sup> Concrete provides Design Choese = 20Nimm <sup>4</sup> B.         Streducting dimensions, hends & cuting to BSBE66         C.         Coge to be machine lide with steel vire           B.         Streducting dimensions, hends & cuting to BSBE666         Concrete bis SE N 13258 2000 processt concrete           C.         Finating:         Concrete BSE N 15258 2000 processt concrete           D. Marking, Units Ishall be indelity marked to show:         Multi reference code           Multid reference code         De-modid dile         Decodd dile           J. D. Marking, Units Bub indelity marked to show:         Multi reference runber & unique product number           Units are designed to writestand a vertical live load surchareg of 100N/M <sup>4</sup> So	Handbarg         Concrete is based on 2.4 borealm <sup>2</sup> +5% is recommended for string tilting equipment.           B.         All tilting optimis antib a used as specified below           C.         Unit to be lifted as per tilting degram           Concrete         Marking optimis antib a used as specified below           B.         Litting strength based on 2 coles = 20Nmm <sup>2</sup> D.         Concrete provides Delign Cheeneal Class 4 (DC4)           To opconter provides Delign Cheeneal Class 4 (DC4)         to special Digest 1, Table F2.           Reinforcement         B.         Sheet and the special Class 4 (DC4)           D.         Concrete revision Belign Cheeneal Class 4 (DC4)         to special Digest 1, Table F2.           Reinforcement         B.         Sheet and the special Class 4 (DC4)           D.         Concrete values and the set with steel wire           Ammutacture         B.         Sheet and the set with steel wire           A.         Tote Incest Sice N 13269         Tote Incest Sice N 13269           D.         Toterinces to Sice N 13264 class 4 3.1         Toterinces to Sice N 13264 class 4 3.1           C.         Finating:         A.         A 1         Edit Leveted           D.         Marking, Units shall be indelity marked to show:         Mudi reference code         A 1         Sice Levete and the set and the set and the set a	*Manual (	of contract of	locuments fo	r Highway W	/orks: Volume	
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<ul> <li>All lifting points shall be used as a specified below</li> <li>Currents</li> <li>All lifting points shall be used as a point diagram</li> <li>Concrete Residence of the appending DC4/DS4 Mix</li> <li>Lifting strength based on 2 cubes = 20Mmm<sup>3</sup></li> <li>C. Characteritisz 2 day cube strength = 50Mmm<sup>3</sup></li> <li>D. Concrete provides Design Chernical Class 4 (DC4) to special Digest 1, Table 5 Pc.</li> <li>Reinforcement Digest 1, Table 5 Pc.</li> <li>Scheduling, dimensions, bends 4 cutting to BS8666</li> <li>C. Cage to be machine feed with steel wire</li> <li>Manufacture to BS EN 15282 2008 precisit concrete products. estaining and elements, flord products retaining with elements.</li> <li>Totermone 50 S EN 15282 2008 precisit concrete products. estaining and elements, flord products retaining and elements, flord products retaining and elements.</li> <li>Totermone 50 S EN 13289 duase 4.3.1.1</li> <li>Finishing:</li> <li>D. Marking, Units shall be indelify marked to show:</li> <li>D. Marking, Christing the indelify marked to show:</li> <li>D. Marking Christing the indelify marked to show:</li> <li>D. Marking Christing the indelify marked to show:</li> <li>D. Marking Christing the concrete units only, the site conditions should be assessed for subbility by the scheme designet.</li> <li>Jub reference number &amp; unique product number</li> <li>Unit weight (kg)</li> <li>Design Life: :50 years</li> <li>Concrete design to EC2</li> <li>Ald Flave designed to those and marks in the base time.</li> <li>Ald Flave designed to throng the site more distant in the strengt in the soft site.</li> <li>Ald Flave designed to NH000-2 EVC CLASS 1</li> <li>Manufactare MW PN 1000-2 EVC CLASS 1</li> <li>Manufactare MW 1000-2 EVC CLASS 1</li> <li>Manufactare MW PN 1000-2 EVC</li></ul>	<ul> <li>All Itimg points shall be used as specified below</li> <li>Current Below and String BCA/DSA Mix.</li> <li>Ling strength based on 2 cubes = 20Mmm<sup>3</sup></li> <li>C. Characteritisz 2 day cube strength = 50Mmm<sup>3</sup></li> <li>C. Caracteritisz 2 day cube strength = 50Mmm<sup>3</sup></li> <li>C. Carge to be machine feed with steel wire</li> <li>Manufacture Io BS EN 15259 2008 precesst concrete products = steaming the dwith steel wire</li> <li>Manufacture Io BS EN 15259 2008 precesst concrete products = steaming the dwith steel wire</li> <li>Manufacture Io BS EN 15259 2008 precesst concrete products = steaming the dwith steel wire</li> <li>Manufacture Io BS EN 15259 2008 precesst concrete products = steaming the dwith steel wire</li> <li>Manufacture Io BS EN 15389 data as data in the steel wire</li> <li>Manufacture Io BS EN 15389 data as data in the steel wire</li> <li>D. Marking, Units shall be indelify marked to show:</li> <li>D. Marking, Units shall be indelify marked to show:</li> <li>D. Marking Units steel wire Barc Torente dwith steeling to the steeling to EC2</li> <li>B. Mark designed to Mixtura 4 vertical live load stechare designet.</li> <li>L. Units are designed to Mixtura 4 vertical live load stechare designet.</li> <li>Manufactare MW PA 1000-2 EXE (CLSS 15 B</li> <li>Manufactare MW PA 1000-2 EXE (CLSS 15 B</li></ul>		Weight of e	concrete is b	ased on 2.4	tonne/m³ +5% is	
Concette         Ministration of Self-compacting DC4/DS4 Mix           B.         Lilling strength based on 2 cobes = 20Mmm <sup>2</sup> C.         Characteristic 2 day cube strength = 50Mm <sup>2</sup> D.         Concrete provides Design Chemical Class 4 (DC4)           to special Digest 1, Table FP.2           Reinforcement         A.           A.         Reinforcement to BS EN 13359           B.         Scheduling, dimensions, bends & cuting to BS8666           C.         Cage to be machine field with steel wire           Manufacture to BS EN 15258:2008 precisat concrete products -retaining with elements, factory production control control continues 0060-CPR 66044 & BS EN 15399           C.         Finishing:           D.         Maint Elements and the steel wire           Maint Carler to BS EN 13295 (2008 precisat concrete products -retaining with elements, factory production control continues 0060-CPR 66044 & BS EN 13399           C.         Finishing:           D.         Maint Carle to BS EN 13295 (2008 precisat concrete products -retaining both the sistee of the steel condition solub to assessed for substeel with the steel condition solub to assessed for substeel with the steel scheme designet.           D.         Maint Carle to BS EN 1300 Dig.           Fibritation: Societhration A.         Maint Core Societhration A.           A.         Carle to BS Contene streain for substeel stee scheme designet. </td <td>Concrete B         Min of Self-compacting DC4/DS4 Mix           B         Lilling strength based on 2 cubes = 20Mmm<sup>3</sup>           C         Characteristic 2 day cube sength = 50Mmm<sup>3</sup>           D         Concrete provides Design Chemical Class 4 (DC4) to special Diget 1, Table 72.           Reinforcement B         Scheduling, dimensions, bends &amp; cuting to BS6666           C         Capacito Diget 1, Table 72.           Manufacture to BS EN 15356 2008 precast concrete products -retaining and with sele wire           Manufacture to BS EN 15255 2008 precast concrete products -retaining and with sele wire           Manufacture to BS EN 15256 2008 precast concrete products -retaining will elements, factory producton control continues 0060-CPR 60644 &amp; BS EN 15399           D. Making, Units shall be indelby marked to show:           Multiple           D. Making, Units shall be indelby marked to show:           Multiple           D. Making, Units shall be indelby marked to show:           Multiple           D. Making of 100-MM<sup>2</sup>           D. Job reference code code           D. Job reference code code disple to EC2           B. Job reference disple to EC2           C. Units are disgle to EC2           C. Units are disgle to 1000 VM<sup>2</sup> 2 area marked by a 30 Deg.           Fibrication Societhatistic A marked marked by a 30 Deg.           Fibrication Societhatistis A Min Core Took mar</td> <td></td> <td>All lifting pe</td> <td>oints shall be</td> <td>used as spe</td> <td>ecified below</td>	Concrete B         Min of Self-compacting DC4/DS4 Mix           B         Lilling strength based on 2 cubes = 20Mmm <sup>3</sup> C         Characteristic 2 day cube sength = 50Mmm <sup>3</sup> D         Concrete provides Design Chemical Class 4 (DC4) to special Diget 1, Table 72.           Reinforcement B         Scheduling, dimensions, bends & cuting to BS6666           C         Capacito Diget 1, Table 72.           Manufacture to BS EN 15356 2008 precast concrete products -retaining and with sele wire           Manufacture to BS EN 15255 2008 precast concrete products -retaining and with sele wire           Manufacture to BS EN 15256 2008 precast concrete products -retaining will elements, factory producton control continues 0060-CPR 60644 & BS EN 15399           D. Making, Units shall be indelby marked to show:           Multiple           D. Making, Units shall be indelby marked to show:           Multiple           D. Making, Units shall be indelby marked to show:           Multiple           D. Making of 100-MM <sup>2</sup> D. Job reference code code           D. Job reference code code disple to EC2           B. Job reference disple to EC2           C. Units are disgle to EC2           C. Units are disgle to 1000 VM <sup>2</sup> 2 area marked by a 30 Deg.           Fibrication Societhatistic A marked marked by a 30 Deg.           Fibrication Societhatistis A Min Core Took mar		All lifting pe	oints shall be	used as spe	ecified below	
A. Mix ref. Self-compacting DC4DS4 Mix.           B. Lifting strength based on 20 close = 20Nimm <sup>2</sup> C. Oncreated provides Delign Chemical Class 4 (DC4)           D. Concrete provides Delign Chemical Class 4 (DC4)           D. Concrete provides Delign Chemical Class 4 (DC4)           B. Schedult, dimensions, Lends 4 cutting to BS8666           C. Cage to be machine bed with steel vite           Minufacture         DS 15269 2000 precessit concrete           Minufacture to BS EN 15269 2000 precessit concrete           Minufacture to BS EN 15269 2000 precessit concrete           Minufacture to BS EN 15269 2000 precessit concrete           Implementation and immersity of the steel vite           D. Marking, Units shall be indelibly marked to show:           Mudia televence code           D. Marking, Units shall be indelibly marked to show:           Mudia televence code           D. Marking, Units shall be indelibly marked to show:           Mudia televence code           D. Marking, Units shall be indelibly marked to show:           Mudia televence code           D. Marking, Units shall be indelibly marked to show:           Mudia televence code           Mudia televence code <td>A. Mix ref. Self-compacting DC4DS4 Mix. B. Lifting strength based on 2006es = 2004mm<sup>2</sup> C. Concrete provides Design Chemical Class 4 (DC4) b special Digest 1, Table F2.  Reinforcement B. Scheduli, dimension, bends 4 cutling to BS8666 C. Cage to be machine Bot H1359 B. Scheduli, dimension, bends 4 cutling to BS8666 C. Cage to be machine Bot with steel view Manufacture to BS EN 15259 2000 precess concrete product-velaming wale internets, flattory product number product-velaming wale internets, flattory production product reference code D. Manufacture to BS EN 15259 2000 precess concrete product-velaming wale internets, flattory production D. Manufacture to BS EN 15259 2000 precess concrete product-velaming wale internets, flattory production D. Manufacture to BS EN 15369 claude 4.3.1.1 C. Frielwing: D. Manufacture to BS EN 13596 claude 4.3.1.4 D. Manufacture to BS EN 13596 claude 5.3.1 D. Manufacture to BS EN 13596 claude 5.3.1 D. Manufacture to BS EN 13596 claude 5.3.1 D. Manufacture to BS EN 13597 claude product number Units are designed to concrete units only, the site condition should be assessed for suitability by the scheme designer of 10xMVM D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>3</sup> E. Arage of 10xMVM<sup>4</sup> D. Weight of sol = 18MNM<sup>4</sup> E.</td> <td></td> <td></td> <td>ifted as per I</td> <td>ifting diagran</td> <td>n</td>	A. Mix ref. Self-compacting DC4DS4 Mix. B. Lifting strength based on 2006es = 2004mm <sup>2</sup> C. Concrete provides Design Chemical Class 4 (DC4) b special Digest 1, Table F2.  Reinforcement B. Scheduli, dimension, bends 4 cutling to BS8666 C. Cage to be machine Bot H1359 B. Scheduli, dimension, bends 4 cutling to BS8666 C. Cage to be machine Bot with steel view Manufacture to BS EN 15259 2000 precess concrete product-velaming wale internets, flattory product number product-velaming wale internets, flattory production product reference code D. Manufacture to BS EN 15259 2000 precess concrete product-velaming wale internets, flattory production D. Manufacture to BS EN 15259 2000 precess concrete product-velaming wale internets, flattory production D. Manufacture to BS EN 15369 claude 4.3.1.1 C. Frielwing: D. Manufacture to BS EN 13596 claude 4.3.1.4 D. Manufacture to BS EN 13596 claude 5.3.1 D. Manufacture to BS EN 13596 claude 5.3.1 D. Manufacture to BS EN 13596 claude 5.3.1 D. Manufacture to BS EN 13597 claude product number Units are designed to concrete units only, the site condition should be assessed for suitability by the scheme designer of 10xMVM D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>3</sup> E. Arage of 10xMVM <sup>4</sup> D. Weight of sol = 18MNM <sup>4</sup> E.			ifted as per I	ifting diagran	n	
C. Characteriste 28 day cube steepth = 50Nmm <sup>2</sup> D. Concrete provides Deign Chemical Class 4 (DC4) to special Digest 1, Table F2. Reinforcement B. Scheduling, dimensions, hends & cuting to BS8666 C. Cage to be machine flow that seel vice Manufacture A. Manufacture to BS EN 13358.2008 precast concrete product-reining wall elements, factory production control certificate 0066-CPR-450448 alse SN 13359 B. Toleraincost DS EN 13258.2008 precast concrete product-reining wall elements, factory production control certificate 0066-CPR-450448 alse SN 13399 B. Toleraincost DS EN 13306 case 4.3.1.1 C. Finating: D. Marking, Units shall be indelibly marked to shoar: • Mould reference code • De-mould date • John reference code • De-mould date • John reference code • Units are designed the concrete units only, the site conditions of the MNMP C. Currete design to EC2 B. John reference store • Mould reference to voltstand a vertical live load surcharge of 100M/M D. Weight of sol = 18NNMP E. Angle of themat fitcion = 30 Deg. F. Design Life: -50 years • Design Life: -50 years	C. Characteriste. 28 day cube steepth = 50Nmm <sup>2</sup> D. Concrete provides Design Chemical Class 4 (DC4) to special Digest 1, Table F2. Reinforcement B. Scheduling, dimensions, hends & cuting to BSB666 C. Cage to be machine lide with steel vire Manufacture A. Manufacture to BS EN 13306 C. Cage to be machine lide with steel vire Manufacture to BS EN 15258 2006 precess concrete products - examing wall elements, factory production control certificate 0066 C/PR-460448 ABS EN 13398 B. Toleranceous IDS SE N 13206 C. Cage to be machine lide with steel vire Manufacture to BS EN 13268 2006 precess concrete products - examing wall elements, factory production control certificate 0066 C/PR-460448 ABS EN 13399 B. Toleranceous IDS SE N 13306 case 4.3.1.1 C. Prinating: D. Marking, Units shall be indelibly marked to show: • Mould reference code • De-mould date • John reference code • Link weight (dg) Design A. Concrete design to EC2 B. John reference code • Marking, Units shall be indelibly marked to allow: • Link weight (dg) Design A. Concrete design to EC2 B. John reference statubility by the conditiones should an example of 1300 MBC. • Prevend of tool/MF A. Concrete design to EC2 B. Alch have designed the concrete units only, the sile conditiones should an example of 1000/MF A. Concrete design to EC2 B. Alch laws designed the concrete mits only, the sile conditiones should an example of 1000/MF A. Concrete design to EC2 B. Alge of 1000/MF A. Marcom <u>Sile only Sile reinmits of Marcome</u> <u>All Face 33 3 3 33 Difference 33 3 3 33 Entications of 1000 ABS 1000 ABS 1000 ABS 2000 ABS 2000 ABS 1000 ABS 1000 ABS 2000 ABS 2000 ABS 1000 ABS 2</u>	Α.	Mix ref: Se	lf-compactin	g DC4/DS4 M	Mix	
to special Diget 1, Table F2.     Performant     A specific and the SE N1 3359     Scheduling, dimension, bench 54. Acting to BS8666     C. Cage to be machine lind with steel wire     Mandature     A Mandature to BS EN1 3258 2000 precess concrete     product-exaining wall elements, factory production     control certificate 0068-CPR-480448 as E N1 3389     Tolerance to BS EN1 3268 2000 greecess concrete     a Mandature to BS EN1 3258 2000 greecess concrete     modulater to BS EN1 3268 2000 greecess concrete     a Mandature to BS EN1 3268 2000 greecess concrete     modulater to BS EN1 3268 2000 greecess concrete     modulater to BS EN1 3268 2000 greecess     D. Marking, Units shall be indelibly marked to show:         Mudia reference code     De-modul date         Job reference number & unique product number         Unit weight (a)     Design     Concrete design to EC2     B. Juli At1 Aux designed the concreter outs with the site         conditions shall be indelibly marked to show:         Mudia reference code     A Concrete design to EC2     B. Juli At1 Aux designed the concreter outs with the site         conditions of the and the concreter outs with the site         ascharego of 10xM/M     D. Weight of sol = 18M/MF     E. Angle of Internal friction = 30 Deg.     F. Design Life: +50 years <u>External two outs marked to show:         Amadutare WM N1 1000-2 EXC CLASS 1     B. Mardedigmed to the 0150-2 EXC CLASS 1     B. Mardedigmed to the 0150-10025 X275     C. Weiding to LW EN1 1000-2 EXC CLASS 1     B. Mardedigmed conclusaters and prints thally weided there possible     Encurve conclusaters and prints with weided both sides where     Encurve conclusaters and prints duily weided both sides where     Encurve conclusaters and prints duily weided both calds on thords     Encurve conclis that are fultion to BS EN I</u>	to special Diget 1, Table F2.     Performent to BS EN 1339     Scheduling, dimension, heads. A cuting to BSB66     C. Cage to be machine lisd with steel wire     Mandacture     A Mandacture to BS EN 132522000 precisit concrete     product-arching wall elements, factory production     control certificate 0066-CPR-450448 ABS EN 13398     Tolerance to BS EN 13262 aloase 4.3.1.1     C. Finking:     D. Marking, Units steel with a set of the set o	C.	Characteri	stic 28 day c	ube strength	= 50N/mm <sup>2</sup>	
A.     Reinforcement to BS EN 13399       B.     Scheduling, dimensions, heards. Acuting to BS8666       C.     Cage to be machine lied with steel vire       Manufacture     Manufacture       A.     Manufacture       A.     Manufacture       D.     Manufacture       D.     Toterinces to BS EN 13258.2008 precess concrete products-relating wall elements, factory production control certificate 0066-CPR-460448 ABS EN 13390       D.     Toterinces to BS EN 13306 cause 4.3.1.1       C.     Finisting:       D.     Marking. Units stall be indolibly marked to show:       •     Mould reference code       •     De-mould date       •     D. John efference runber & unique product number       •     John efference function & concrete units only, the site conditions of update       •     Acid have designed the concrete units only, the site conditions of update       •     Acid have designed the concrete units only, the site conditions of update       •     Mark Cone       •     Site Mark MB       •     Mark Cone       •     Mark Cone       •     Mark Cone       •     Mark Cone       •     Mar	A.     Reinforcement to BS EN 13369       B.     Scheduling, dimensions, heads. Auting to BSB666       C.     Cage to be machine lide with steel wire       Manufacture     Namulacture to BS EN 15258 2006 precess concrete products - extaining wall elements, factory production control certificate 0066 C/PR 460448 also EN 13369       B.     Toterinces to BS EN 13266 2006 precess concrete control certificate 0066 C/PR 460448 also EN 13369       B.     Toterinces to BS EN 13369 (ause 4.3.1.1       C.     Finating:       D. Marking, Units Ball be indoliby marked to show:       Multid reference code       D. Marking, Units Ball be indoliby marked to show:       Multid reference code       D. Marking, Units Ball be indoliby marked to show:       Multid reference code       D.       D. Marking, Units Ball be indoliby marked to show:       Multid reference code subscription       D. Marking, Units Ball be indoliby marked to show:       Multid reference runber & unique product number       Units are designed to concrete units only, the sile condition subscription:       C.       Units are designed to withstand a vertical live load succharge of 10x0/M*       D.       Marcome Giver Biose, Marcome Market Green and Market Green and Sectors and Sect	D.	Concrete p to special I	rovides Des Digest 1, Tat	ign Chemica ble F2.	I Class 4 (DC4)	
<ul> <li>B. Scheduling, dimension, bends &amp; outing to BS8666</li> <li>C. Cage to be markine field with stell wire</li> <li>Manufacture to BS EN 15258.2008 precisat concrete products -teraining will elements, factory production control control control</li></ul>	<ul> <li>B. Scheduling, dimension, bends &amp; cutting to BS8666</li> <li>Cage to be markine field with sele wire</li> <li>Manufacture to BS EN 152552006 precisit concrete products -etaining will elements, factory production control control controls 0000 PC (2000 PC (2000</li></ul>	Reinforce	ment				
Manufacture         A           A         Manufacture to BS EN 15259.2008 precisat concrete           A         Manufacture to BS EN 15259.2008 precisat concrete           products -straining wall elements, factory production         concrete           concrete         ESE 11359 clause 4.3.1.1           C         Finishing:         concrete           concrete         Finishing:         concrete           D. Marking, Units stall be indebility marked to show:         -           - Do-movel date         Do-movel date           - Do-movel date         Do-movel date           - Do-movel date         Concrete design to EC2           - With weight (kg)         Descrete design to EC2           - Within a designed to withstand a vertical live load surcharge of 10xM/M         Do-movel date           D. Weight of sol = 188/N/M         Sol or ferroman finction = 30 Dg.           F.         Dates         Councel dates           Dates         Councel dates         Sol or ferroman finction = 30 Dg.           F.         Dates         Councel dates         Sol or ferrom size minute market dates           Mark data         Councel dates         Sol or filex/M Market dates         Sol or filex/M Market dates           D.         Weight of sol = 180N/M         Councel dates         Sol or fil	Manufacture         A           A         Manufacture to BS EN 15258 2008 precast concrete           A         Manufacture to BS EN 15258 2008 precast concrete           products -staining wall elements, factory production control central centilizes 0966-CPR-66448 BS EN 11396           B.         Tolerances to BS EN 13396 clause 4.3.1.1           C.         Finishing:           Image: Status and the status a	В.	Scheduling	, dimension	s, bends & cu	utting to BS8666	
A         Manufacture to BS: N1 5258:2006 precest concrete products - exhining wall elements, factory production control certificate 0066-CPR-660448 also EN 13899           B         Toterince to BS: PN 13268 case 4.3.1.1           C         Prinhting:           D. Marking. Units shall be indeliby market to show:           Marking. Units shall be indeliby market to show:           Multir Greene code           D. Marking. Units shall be indeliby market to show:           Multir difference code           D. Marking. Units shall be indeliby market to show:           Multir difference runber \$ unique product number           Unit weight of all           De-modified the concrete units only, the sile scheme diregtor.           AC           Concrete design to EC2           B.           ACH have designed the concrete units only, the sile scheme diregtor.           C.         Units are designed to withstand a vertical live load surcharge of 108/MF           D. Weight of sol = 180MM           D. Weight of sol = 180MMF           An open dispare to be site N10052 SZTS           C.         Units are designed to be the SEN 10025 SZTS           C.         Weight of sol = 180 Hords Stars           D.         Veight of all to the SE N10052 SZTS           C.         Weight of burdet ab thores stow animum threat mareeees	A         Manufacture to BS N1 5258 2006 presest concrete products -retaining wale lements, factory production control certificate 0066 C/PR 460448 ABS EN 13369           B         Toterince to BS EN 13358 case 4.3.1.1           C         Finishing           Diasa A         A           Marking, Units Ball Be Indibity marked to show:           Multid reference code           D. Marking, Units Ball Be Indibity marked to show:           Multid reference code           D. Marking, Units Ball Be Indibity marked to show:           Multid reference code           D. Marking, Units Ball Be Indibity marked to show:           Multid reference code           D. Marking, Units Ball Be Indibity marked to show:           Unit ware designed the concrete units only, the sile cohere design to EC2           B.         John Haw designed the concrete units only, the sile cohere designer of 10x0MP           D. Weight of sol = 18NNMP           D. Weight of sol = 18NNMP           An Open Grower Blook (Min Cover Blook (Min Cover Size (mm))         Size (mm)           Marcem Grower Blook (Min Cover Size (mm))         Size (mm)           All face burde to be to tho 25 Size (Size 3 3 32           Entotation Specification         A           A Marker Call fals are fully weided both side where Fill All shares as of mm and joints Milly weided both side where Fill All shares of fill to be BS EN 10005 275		-	machine tie	d with steel v	wire	
control certificate 0086-CPR-860448 a BS EN 13389           B.         Toterinance 0085-CPR-860448 a BS EN 13389           C.         Finishing:           Image: Control Cont	control certificate 0068-CPR-650448 & 85 EN 13369           6.         Toterinance 085 EN 13369           7.         Finishing:           1.         Toterinance 085 EN 13369           D. Marking. Units State 184         A 1 A 2 367 Levelde           D. Marking. Units State In Berndells marked to show: <ul> <li>Mould reference code</li> <li>De-mould date</li> <li>Job reference code</li> <li>Concrete design to EC2</li> <li>J. Mich have designed the concrete units only, the site conditions should be assessed for subability by the continue of segne.</li> <li>Concrete design to EC2</li> <li>J. Mich have designed the concrete of subability by the continue of segne.</li> <li>Concrete design to EC2</li> <li>J. Mich have designed the concrete of subability by the continue of segne.</li> <li>Concrete design to EC2</li> <li>Mich Core Size (mm)</li> <li>Size Size Size Size Size Size Size Size</li></ul>	A.	Manufactu	re to BS EN	15258:2008	precast concrete	
C.         Finishing:           D. Marking, Units shall be indelify marked to show:         A           D. Marking, Units shall be indelify marked to show:         Modified features code           Marking, Units shall be indelify marked to show:         Modified features code           Units, Units shall be indelify marked to show:         Modified features code           Units, Units shall be indelify marked to show:         Modified features code           Units, Units shall be indelify marked to show:         Modified features code           Marking, Units shall be indelify marked to show:         Modified features code           Marking, Units show the subscript of the concrete units only, the site conditions should be assessed for subscript by the scheme designet.         Scheme designet.           C.         Units are designed to Whitshand a vertical live load surcharge of 100AUM         Scheme designet.           Marking of the Scheme	C.         Finishing:           D. Marking, Units shall be indelify marked to show:         •           D. Marking, Units shall be indelify marked to show:         •           Multiple, Units shall be indelify marked to show:         •           Multiple         •         Multiple           Marking, Units shall be indelify marked to show:         •           •         Multiple         •           •         Jub inference number & unique product number           •         •         Jub inference number & unique product number           •         •         •         •           •         •         •         •           •         •         •         •           •         •         •         •           •         •         •         •           •         •         •         •           •         •         •         •           •         •         •         •         •           •         •         •         •         •           •         •         •         •         •           •         •         •         •         •           •		control certificate 0086-CPR-650448 & BS EN 13369				
Edits         A         A         Edit         Lend           0. Marking, Units hall be indeliby marked to show:         -	Class         A         A         A         Cell         Lenked           0. Marking, Units shall be indelify marked to show:         -         Marking Units Shall be indelify marked to show:           •         De-mould dial         -         De-mould dial           •         John ference number \$ unique product number         -           •         Marking, Units Should be assessed for suitability by the conditions of forMM*           C.         Units weight of sol = 180NM*         Exercise of forMM*           D.         Weight of sol = 180NM*         Exercise 332 233           Exercise 100 Sections         Sections 100 Sections         Sections 100 Sections           A.         Concervice Sections         Sections 100 Sections         Sections 100 Sections           M.         Core Sections         Sections 100 Sections         Sections 100 Sections           M.         Core Sections         Sections 100 Sections         Sections 100 Sections           A.         Sections         Sections 100 Sections         Sections 100 Sections           B.         Sections 100 Sections         Sections 100 Sections 100 Sections           M.         Core Sectio		Finishing:		5309 Clause	4.3.1.1	
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Min Core         Size (mm)         Size (mm)           AF Fore         33         39           Control         33         30           Control         33         33           Februaric         Scottal         33         33           Februaric         Scottal         33         33           Februaric         Scottal         33         33           Februaric         Scottal         33         33           Martide Total         Scottal         33         33           Februaric         Scottal         Scottal         33         33           Februaric         H         1060-2 PAR 7.5.4 * 7.5.18         100         25.75           Control         All files 64 but webd for balax         100         25.75         100         100         100         100         100         100         100         100         100         100	Min Core         Size (mm)         Size (mm)           AF Fore         33         20           Core         33         20         30           Core         33         20         30           Core         30         20         30           Core         30         30         Core           Core         30         30         Core           Stream         30         30         Core           Stream         30         30         Core           Affect         100         25X         CLASS 1           Manufacture MW EN 1000-2 EXC CLASS 1         5         Matching and a to be.         Stream           D. All files 64 bot Welds D th Noise AN 1000-2 PARA 7.5.4 - 7.5.18         D         All files 64 bot Welds D th Stock end there possible           E. Concurse ventcal filts are fully welded bot nised where possible         E. Concurse ventcal filts are fully melded bot nised where possible           F. Dosable.         Opasible.         Opasible.         Stock 51 NS 101401           Hat Holds Stop punching are permitted with rearming.         Galvanism process after full-incianion to BS EN IS/01461           Hat Math Societation         Stock 43.0m 0D 3.2mm Wall Thickness         Galvanism 54 Stock 45.18, BS 6160.           B. Size 84.3	F.	Design Life	e: >50 years			
Af Face         33         28           Extractor         Topost state         Topost         Topost           Extractor         Topost         Topost         Topost         Topost           Extractor         Topost         Topost         Topost         Topost         Topost           Extractor         Topost	Affect         32         28           Extractor         investment         investment         investment           Material grade is to be its Ext 10025 S275         investment         investment           Owner         investment         investment         investment           Affetted         but welds to have a minimum throat thickness of firm and pints thilly welded where possible           Ensure vertical flata are fully welded where possible         investment         investment           F.         All sharp edges and burns are to be removed.         Generosed and welds plater.           Galvariang croses after harbitation to BS EN 1801461.         Handla Sciellation         investment           H         Holes by punching are permitted with reaming.         Size 8 48.3mm OD 3.2mm Wall Thickness Galvariants         Galvariants           B.         Size 8 48.2mm OD 3.2mm Wall Thickness         Galvariants         Size 8 48.7mm OD 3.2mm Wall Thickness           Galvariants         Ba 718.1, Viii Eretion CE			Size (mm)			
Mrew         USA         IDA         JA         A         A3           Marked Sector         Manufacture IAW EN 1090-2 EXC CLASS 1         B.         Material grade in to be. BS EN 10025 S275           C.         Wadding Tord is to be. BS EN 10025 S275         C.         Wadding Tord is to be. BS EN 10025 S275           C.         Wadding To LAW EN 1090-2 PARA 7.5.4 · 7.5.18         D.         All fields Edu twelds to have an infinitum throat thickness of firmt and joints fully welded both side welder bot	Interm         USA         USA         USA         USA           Exclusion Specification         A         Manufacture LWN to 1990-2 EXX C LLASS 1           B.         Material orgination to be: BISA to 10025 2X75         C         Working to LWN EN 1090-2 PARA 7.5.4 × 7.5.18           D.         All fields Edu welds to have an iminimum throat thickness of firms and joints fully welded both sides where possible to the USA to 1990-2 PARA 7.5.4 × 7.5.18           D.         All fields Edu welds to have an iminimum throat thickness of firms and purst are to be removed.           E.         Fourier vertical lists are fully welded both sides where possible and welds polatistic.           R.         Holes by punching are permitted with rearming.           Galvaniang process after full-incianto to BS EN IS/01461.           Hamidel Societtation           H.         Kefe Kamarph Galvaniaed Size 8 Fittings           B.         Size 8 48.3mm 00.3 zmm Wall Thickness           Galvaniang BS 7812, CWI Engineering Specification for the Water Industry (CSSWI) Th. Edition Clause 2.00           B.         Balvalaets 8 The to the SS F181, SB 6180, B18, B3 6180, B18, B3 6180, B18, B3 6180, B10, B10, B10, B10, B10, B10, B10, B1		All Faces	33		38	
Fabrication Specification           A         Manufacture AW B1 1090-2 EXC CLASS 1           A         Material and a to be B5 EN 1002:5 5275           C         Welding to LWIE N1 1090-2 PARA 7.5.4.7.5.18           C         Welding to LWIE N1 1090-2 PARA 7.5.4.7.5.18           D         Thorkness of form and pints to bit with the possible           Ensure vertical flats are fully welded both sides where possible.           C         Remove all weld splatter.           R         All sharp edges and burns are to be removed.           R         Remove all weld splatter.           L         Galvaniang process after flatmication to B5 EN ISO1461           Holdes by punching are permitted with resming.         Size 8 43.3mm OD 3.2mm Wall Thickness Galvaniand Medium Juny 1 the 05 SE N ISO25           C.         360Nim Design Load at stated in B5 8118, B5 6160, B5 818, B5 6160, B5 77, B5 818, B5 6160, B5 77, B5 818, B5 6160, B5 77, B5 816, B5 781, CVE CSMAY, D1 76, B5 816, B5 6160, B5 77, B5 816, B5 781, CVE CSMAY, D1 76, B5 816, D5 781, CVE CSMAY, D1 76, B5 816, D5 78, D	Fabrication Specification           A         Manufacture AWB 1090-2 EXC CLASS 1           A         Material and an and an analysis and analysis a		Classification	by Carbonation	by Chloride	aftack aftack	
A. Manufacture IAW EN 1090-2 EXC CLASS 1     Manufacture IAW EN 1090-2 EXC CLASS 1     Manufacture IAW EN 1090-2 FXR 7.5.4.7.5.18     Af 1164 a but webts to have a minimum through the theorem of form and prints fully welded where possible the theorem of theorem of the theorem of theorem of the theore	A. Manufacture IAW EN 1090-2 EXC CLASS 1     B. Material grade is to be ISS EN 10025 S275     C. Walding to IAW EN 1090-2 PARA 7.5.4 - 7.5.18     D. Aff filed & but welds to have a minimum throughout the possible     Encloses of form and pints fully welded both sides where     possible     D. Aff filed & but welds to have a minimum throughout the possible     welds platter.     F. Aff sharp edges and burns are to be removed.     Remove all welds platter.     H. Holes by punching are permitted with reaming.     L. Galvaniang process after fabrication to BS EN ISO1461.     Handrall Societation     Remove all states are by the ISS EN ISO1461.     Handrall Societation     Remove all states are by the ISS EN ISO1461.     Handrall Societation     B. Size 8 43.3mm OD 3.2mm Wall Thickness     Galvaniand Medium Dury Tube to BS EN ISO1562.     Both BS 7181, Cull Expressing fabrication to TB Estimotion     BS G304 BS 7181, Cull Expressing fabrication, ISS ES 148, DS 1460.     Herdinals & BS 7181, Cull Expressing fabrication, ISS Estimation     BS G304 BS 7181, Cull Expressing fabrication to TB SEN ISO1561.     Herdinals & BS 7181, Cull Expressing fabrication, ISS Estimation     BS G304 BS 7181, Cull Expressing fabrication, ISS Estimation     Handrall Societation ST fabrication to TB SEN ISO1561.     Herdinals & D 7181, Cull Expressing fabrication to TB SEN ISO1561.     Herdinals (ISS N11, Th Edition Clause 2.20     Herdinals (ISS N11, Th Edition Clause 2.20     Herdinals (ISS N11, Cull Expressing fabrication to TB SEN ISO1561.     Th Edition Factory Stationary, Laddeen and Handralis     Other design loads available on request	Fabricativ			AD3	AF4 XA3	
C. Weiding To LWU EN 1090-2 PARA 7.5.4 - 7.5.18     All files 4.5 but weids to have a minimum throat     mitchness of firms and joints fully weided where possible     E. Ensure vertical filts are fully weided both sides weide both sides weided both sides weided both sides weiden both sides weid	C. Weiding To LWL EN 1090-2 PARA 7.5.4 - 7.5.18     D. Alf life 45 but weids to have a minimum throat     thickness of firms and joints fully weided where possible.     E. Ensure weided both side weide both side weided both side weide weide weide weide both side weide boths	Α.	Manufactu	re IAW EN 1			
thickness of firm and joints fully welded that expossible.     Ensure vertical flats are fully welded both aides where possible.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     All sharp edges and burrs are to be removed.     Sec 44.3 mm OD 3 zmm Well Thickness     Galvenined be 57 181, CVI efforts to 185 EN 150255     All sharess A The removed burrs and thind all burry to the to be the third of the Water Industry (CSSWI) 7th Edition Clause 2.60     Handmalls & B 2.7181, CVI Engineering Specification for     the Water Industry (CSSWI) 7th Edition Clause 2.60     Handmalls & B 2.7181, CVI Engineering Specification for     The Edition Factory Stativesys. Laddes and Handmalls     Other degin loads available on request	thickness of firm and joints fully welded where possible.     Ensure vertical flats are fully welded both sides where     possible.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     All sharp edges and burns are to be removed.     Sec. 44.3 mm OD 3 zmm; Wall Thickness     Galvenined Medium Dury Ture to 185 EN 19255     All shares A Ta free to BS EN 19255     Ball shares A Ta free forgenering Sequence tan     Water Industry (CSSWI) 7th Edition Clause 2.00     Plandnells B Saltakers A The Engineering Sequence tan     The Edition Factory Saltwarys, Laddes and Handnells     Other degin loads available on request	C.	Welding to	IAW EN 109	90-2 PARA 7	.5.4 - 7.5.18	
possible         All sharp edges and burs are to be removed.         All sharp edges and burs are to be removed.         Account of the second s	possible         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges and burns are to be removed.         All sharp edges are to be removed and the removed be removed by the		thickness of	of 6mm and j	oints fully we	elded where possible.	
G. Remove all veds spatiant:     Holes by punching are permitted with rearing.     Galvanising process after fabrication to BS EN ISO1461 <u>Handral Societation</u> Societation 2 and the spatial spa	G. Remove all weld spatiant:     Holes by punching are permitted with rearing.     Galvanising process after fabrication to BS EN ISO1461 <u>Handral Societation</u> Socie 448,mm 00 2,mm Wall Thiotoga     Socie 448,mm 00 2,mm Wall Thiotoga     Socie 448,mm 00 2,mm Wall Thiotoga     Galvanism Medium. Juny Turbe to BS EN 18255     C. Borne Market Societation 198     Status 248, Status 248, Status 248     Handralls & Balvaters 4. The Engineering Specification to     The Water Instrumery CESWID The EMIAN Plantacian     Materials & Balvaters 4. The Engineering Equipment and     Materials & Balvaters 4. The Engineering Equipment and     Materials & Balvaters 4. The Engineering Equipment and     Materials Learn's Association to     The Editor Factory Stativays, Ladders and Handralis     Other design loads available on request		possible.				
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E. GRP/FRP Handrails also available	E. GRP/FRP Handrails also available		7th Edition Other desig	Factory Sta on loads ava	irways, Ladd ilable on req	ers and Handrails	
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DO NOT SCALE DRAWING

DRAWING NUMBER: 300 SERIES HEADWALL

ORIGINAL ISS WEIGHT (total kg): 530 HEADWALL (kg): 530

TOE BEAM (kg): GRATING (kg): HANDRAIL (kg): MISC. (kg):