



Ministry of Education, Youth Affairs & Sports

P O Box 103
Government Headquarters
Brades
Montserrat

Tel: 664-491-2541/2542
Fax: 664-491-6941
Email: education@gov.ms
Ref: MEYA&S/E/C/117

March 10, 2017

Dear Sir/Madam

Re: Tender for The Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway.

You are invited to submit a tender for the above captioned project. Included are the tender documents consisting of:

1. Instruction to Tenderers
2. Document Check List
3. Form of Tender
4. Bill of Quantities
5. General Conditions of Contract
6. Anti-Collusion Statement
7. Evaluation Criteria
8. Post Contract Evaluation
9. Drawings

Please return a complete document of the priced and signed Form of Tender, Bill of Quantities, Completed Document Check List, signed anti-collusion statement and a copy of your **tax compliance certificate (if locally based)**. These should be placed in an **inner envelope** and addressed to The **Chairperson, Public Procurement Board, Ministry of Finance and Economic Management, Government Headquarters, MSR1110, Montserrat**. The name of the project should also be written on this inner envelope and should read, **"Tender for the Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway"**. The name of the tenderer should also be written on the inner envelope.

This envelope should be placed into an outer envelope addressed to **Chairperson, Public Procurement Board, Ministry of Finance and Economic Management, Government Headquarters, MSR1110, Montserrat**. The name of the project should also be written on this outer envelope and should read, **"Tender for the Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and**

Covered walkway”. The outer envelope should bear no identification of the tenderer.

Tenders are to be received no later than **2:00 p.m. on 29 March 2017**. Please ensure that no additional marks are placed on the outer envelope.

Tenders are to be taken to the Ministry of Education Office in Brades the tenderer would place their tender in the Tender Box and be given a receipt after this is completed.

A site visit will be arranged for **March 16th 2017** 10:00 am on at the Brades School site. Any queries relating to the tender or works included should be made in writing to the Director, Public Works Department.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Glenn', with a stylized flourish extending from the end.

.....
Glenn Francis B.Ed., M.Sc.
Permanent Secretary (Ag.)

INSTRUCTIONS TO TENDERER

Tender for The Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway

Tender Documents and Instructions

- A Tenderers will be supplied with the following tender documents:-
- Tender Dossier
 - Tender Drawings
- B Invitation Letter/verbal confirmation was done.
- C Tender Drawings prepared by the Architect; Public Works Department, Ministry of Communication, Works and Labour.
- D Bill of Quantities prepared by the Quantity Surveyor, Public Works Department, Ministry of Communication, Works and Labour.
- E One copy of the above mentioned tender document will be supplied to tenderers. Tenderers must comply strictly with the following instructions; failure to do so is liable to cause your tender to be rejected.
- F. Documents to be submitted together with the Form of tender:
1. Instruction to Tenderers
 2. Document Check List
 3. Form of Tender
 4. Bill of Quantities
 5. Tax Compliance Certificate
 6. General Conditions of Contract
 7. Signed Anti-Collusion Statement
 8. Method Statement/Risk Analysis
 9. Evaluation Criteria
 10. Post Contract Evaluation
 11. Construction programme
- G This tender is based on the Drawings presented, Specifications, Conditions of contract and Bill of Quantities (measured works section), hereinafter is referred to as the Contract Documents.

Scope statements

- A Contract provides for:-
- B The demolition and disposal of debris, the supply, fabrication and erection of the entire works as stated in the Tender Documents.
- C The proposed works are described in the Drawings, Form of Agreement, Scope Statements and Bills of Quantities which are provided to the tenderers.

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway

INSTRUCTIONS TO TENDERER (Cont'd)

Explanation of Documents

- A If any point/s in the documents issued for the purpose of tendering are not clear, the tenderer is especially asked to telephone the Public Works Department at +664 491 6611 or +664 491 8566 to clarify any Queries on the drawings or in the Bill of Quantities. The Government Architect will provide explanations by the issue of an addendum to confirm answers given, and not less than 7 working days prior to the date fixed for the delivery of tenders, and a copy of such addendum will be dispatched to all parties who have taken sets of the tender documents. Any addendum so issued will be incorporated in the contract documents.
- All information given on the drawings or in the contract documents relating to materials encountered, ground-water, sub-surface conditions, natural phenomena, and existing pipes and other structures is from the best source available to the Employer at preparation of tender documents. All such information is furnished only for the information and convenience of tenderers.

Statements to Tenderer

- B Neither the Employer; Government of Montserrat., nor any of its agents or servants shall be bound by or held liable for any statement made or delivered to any tenderer unless such a statement shall have been confirmed by a circular letter to tenderers issued by the Government Architect.

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway (Cont'd)

INSTRUCTIONS TO TENDERER (Cont'd)

Tenderer to Investigate Before Tendering

- A The tenderer will be deemed to have read and examined all the documents and he/she shall satisfy him or herself as to all matters and contingencies which can in any way influence his or her tender. Any neglect or failure on the part of the tenders to obtain reliable information upon any matters affecting the cost, execution, construction, completion and maintenance of the Works and the Contract shall not relieve the persons whose Tender is accepted from any risks or liabilities for the complete Works, nor will any claim for increase of the Contract be entertained as a result of such negligence of the tenderer.

- B The tenderers are required to visit and examine the site and its surroundings, and he/she may obtain for him or herself all the information that may be necessary for compiling his or her tender. He/she must examine the tender documents and ascertain the matters on which he/she will be deemed to have satisfied him or herself with all the risks and obligations which the Contract will impose on the Contractor, submission of the tender therefore shall be considered conclusive evidence of such.

- C The tenderer shall submit his or her tender with the understanding that the tender documents are intended to cover all the work within the scope of the Contract, and that unless expressly excluded, any and all labour and materials not indicated therein, but necessary to complete any part of work, shall be considered as included and shall be furnished.

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway (Cont'd)

INSTRUCTIONS TO TENDERER (Cont'd)

- D Any alteration made by a tenderer to the documents issued for the purpose of tendering or omission by him or her to complete fully and return every document as required by this notice to tenderers, unless otherwise instructed by the Government Architect, may exclude consideration of the tender by the Employer. Should any further information be required, it will be supplied on request by the Government Architect.

Bill of Quantities

- A Quantities contained within the Bills of Quantities do not necessarily indicate conclusively the amount or the extent of works to be performed. The tenderer must satisfy himself or herself as to the general accuracy of the amounts specified in the bill of quantities and must provide accordingly in the tender rates. If he/she considers that any quantity may differ materially from the figure given in the bills of quantities, he/she must call attention to the fact in a letter accompanying the tender.
- The tenderer must not insert additional items in the bills of quantities, but must provide for all his/her obligations under the Contract in the rates and prices entered against the items provided.
- An all-in rate comprising of labour, material, transportation and plant must be entered against every item in the bills of quantities. If any item is left un-priced it shall be deemed as allowed for elsewhere. The schedules must also be completed if provided in the tender documents.

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway (Cont'd)

INSTRUCTIONS TO TENDERER (Cont'd)

Currency of Tender

- A Tenders shall be priced in Eastern Caribbean Dollars. Rates and prices shall be inclusive of applicable taxes. In order to keep the bidding process as fair and simple as possible, please bid as a **duty paid** project.
- B The tenderer must familiarize himself/herself with the workings of the Customs Department and shall allow for the costs of and shall accept responsibility for preparing and processing the necessary documents involved in the importation of labour and materials, etc. to be incorporated in the Works.
- C The tenderer must allow for all Wharfage Dues, Package Tax, Importer's Licenses (where applicable), Stamp Duties, taxes and charge that may be required.
- D Special rules are in force in respect of the importation of plant, scaffolding, tools, equipment and consumable stores that are not incorporated in the Works. The tenderers must allow for the result of licenses, bonds deposits, duties, taxes, stamp duties or any other charges that may be required.

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway (Cont'd)

INSTRUCTIONS TO TENDERER (Cont'd)

Return of Tenders

Tenders shall be sent to: -

- A **The Chairperson,
Public Procurement Board
Ministry of Finance and Economic Management,
Government Headquarters,
Brades,
Montserrat**
- B Tenders shall be made on the appropriate Form of Tender included in the tender documents. The complete tender shall be submitted in a plain sealed envelope or package clearly marked on the outside: -
- C **'TENDER FOR THE DEMOLITION OF EXISTING REINFORCED CONCRETE BUILDING AND THE CONSTRUCTION OF A NEW BATHROOM BLOCK AND COVERED WALKWAY, BRADES, MONTSERRAT'**
- D The envelope or package shall bear no indication of the identity of the sender.
- E Tenders shall reach the above address no later than; **As indicated on the invitation to tender.**

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway (Cont'd)

INSTRUCTIONS TO TENDERER (Cont'd)

Information to be Completed by the Tenderer

- A Tenderers shall complete the tender documents so provided. Each Tender must contain the name, residence and place of business of the person or persons making the Tender and must be signed by the Tenderer with his usual signature. Tenders by partnership must furnish the full names of all partners and must be signed with the partnership name by one of the members of the partnership or by an authorised representative followed by the signature and designation of the person signing. Tenders by corporation to be signed with the legal name of the corporation followed by the date and name of the State of incorporation and by the signature and designation of the President, Secretary or other person authorized to bind it in the matter. Satisfactory evidence of the authority of the signer on behalf of the firm shall be furnished.

Responsibility for Tender

- A The Employer, Government of Montserrat will not be responsible for, or pay for, any expense or loss which may be incurred by the tenderer in the preparation of his tender.
- B The Tenderer to whom the award is made may be required to furnish, and deliver to the Employer, a written bond of indemnity, of the same form as that in security forms section of the tender document, in the amount of ten percent (10%) of the Contract Price, and with surety thereon acceptable to the Employer. The bond shall be furnished and maintained at the expense of the Contractor. The party to whom the Contract is awarded will be required to execute the Contract and (if required) furnish the Performance Bond duly executed within seven days, not including Sunday or Legal Holiday. Failure to execute the Contract shall be sufficient reason for the Government Architect to cancel the award without obligation or claim upon the Employer.

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway (Cont'd)

INSTRUCTIONS TO TENDERER (Cont'd)

Increases / Decreases in Cost of Labour and Materials

- i. Increases / decreases in the current cost of labour and materials subsequent to the date for closing of Tenders will not result in an adjustment to the Contract Price.
- ii. Basic unit costs of labour and certain materials upon which the Tender is based and upon which dayworks and variations will be considered shall be listed in the Schedule listed in the preliminary Appendix. These Schedules shall be completed and submitted with the Tender. Failure to submit them may lead to disqualification of the Tender.

Bribery

- A The offer of a bribe or other inducement to any person with the object of influencing the placing of the Contract will result in instant rejection of the tender concerned.

Time for Commencement

- A Tenderers are advised that the actual work of this Contract must not be started until a “**Notice to Commence Work**” has been issued by the Government Architect. The Contractor shall, however, commence work no later than the date specified in the above Notification.

Time for Completion

- A The time for completion for the complete contract is to be determined by the tenderer in the Form of Tender.

Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway (Cont'd)

INSTRUCTIONS TO TENDERER (Cont'd)

Validity of Tender

- A The tender shall be valid for 90 calendar days from the date fixed for public or private opening of tenders. During this period the tender is irrevocable. The Employer shall notify the successful tenderer (if any) of its acceptance within the period of the tender validity. The Tenderer to whom the award is made will be required to enter into an agreement with the Employer. This agreement will be of the form that is in the Tender Documents, and stated earlier.

Acceptance of Tender

- A The Employer, Government of Montserrat., does not bind itself to accept the lowest or any tender nor to assign any reason for the rejection of any tender. Tenders may be declared void if the tender sum exceeds the funds available for the works.

Errors in the Tender

- A Errors discovered in the Contractor's Tender will be dealt with as follows:
The Contractor will be given details of such errors and afforded an opportunity of confirming or withdrawing his offer. If the Contractor withdraws, the tender of the second most advantageous tenderer will be examined, and if necessary this Contractor will be given a similar opportunity.

FORM OF TENDER

The Chairperson
Public Procurement Board
Ministry of Finance and Economic Management
Brades
Montserrat

Dear Sir/Madam;

Re: Tender for The Demolition of Existing Reinforced concrete building and the Construction of a New Bathroom Block and Covered walkway

I/We the undersigned undertake to construct and complete the above Works in accordance with the Contract Agreement, the Drawings, the Specifications and the Conditions of Contract, for the sum of: EC\$.....
.....
(words).....
.....
.....

If my/our tender is accepted, I/We undertake to commence the Works within ____ **days** from the date of receipt by me/us of the official order and complete the works within ____ **days** from the date of receipt by me/us of the official order.

I/We understand I/We shall not be reimbursed for any cost that may have been incurred in compiling this tender. I/We confirm this tender shall remain valid for a period of 90 days from the date of submission of this tender.

Name.....

Signed.....

Name of firm (If Applicable)

Address.....

.....

Tel. nr.....

Fax nr.....

Email Address

Date.....

APPENDIX TO FORM OF TENDER

Clauses

Amount of Bond or Guarantee (if required):	10 percent of Contract Sum
Amount of Third Party Insurance	Ec \$499,500.00
Period for commencement from Notification of Award of Contract Calendar Days **
Time for completion Calendar Days **
Amount of Liquidated Damages	EC\$1250 per day or part thereof
Period of Maintenance	12 months
Percentage of Retention	5 percent
Limit of Retention Money	5 percent of Contract Sum
Time within which payment to be made after issue of Certificate	14 Calendar Days

** To be filled in by Tenderer

Brades School Toilet Block

[illegible]

Brades School Toilet Block

SUBSTRUCTURE				
<u>D GROUNDWORK</u>				
<u>D20 Excavation and filling</u>				
A	Excavating trenches width not exceeding 2'-6"	87	cy	
B	Excavating trenches width not exceeding 2'-0"	2	cy	
C	Extra over excavations irrespective of depth for breaking out rock (Provisional)	9	cy	
D	Dispose excavated material to off site	61	cy	
E	Retain selected excavated material on site in spoil heaps	28	cy	
F	Filling to make up levels obtain off site	79	cy	
G	Keep excavations free from water (Provisional)	1	item	
H	Apply termite treatment to surfaces of excavations and fill	179	sy	
<u>E In situ Concrete</u>				
<u>E05 Reinforced Concrete</u>				
J	Foundations	21	cy	
K	Blinding	670	sf	
L	Ground beams for Toilet Block	2	cy	
M	Ground beams for Walkway	5	cy	
<u>E20 Formwork</u>				
N	To sides of foundations	49	sy	
P	To sides of ground beams for toilet block	11	sy	
Q	To sides of ground beams for walkway	46	sy	
To Collection				

Brades School Toilet Block

SUBSTRUCTURE (continued)				
<u>E30 Reinforcement</u>				
A	1/2" Diameter bars in foundations	490	lb	
B	1/2" Diameter links in foundations	491	lb	
C	1/2" Diameter bars in ground beams in Toilet Block	181	lb	
D	1/2" Diameter bars in ground beams in walkway	509	lb	
E	1/2" Diameter bars in blockwalls in foundations	332	lb	
F	3/8" Diameter stirrups in ground beams in Toilet Block	126	lb	
G	3/8" Diameter stirrups in ground beams in walkway	335	lb	
<u>F MASONRY</u>				
<u>F10 Blockwork</u>				
H	8" Thick reinforced blockwork	98	sy	
J	Fill all cavities of 8" blocks with lean mix concrete	98	sy	
To collection				
<u>Collection</u>				
From page 2				
From page 3				
Substructure carried to Summary				

Brades School Toilet Block

SUPERSTRUCTURE					
<u>E In situ Concrete</u>					
<u>E05 Reinforced Concrete</u>					
A	8" Concrete Column for toilet block	1	cy		
B	8" Concrete Column for the walkway	2	cy		
C	12" Concrete Column	5	cy		
D	12" x 18" Beam	9	cy		
E	8" x 16" Beam	1	cy		
F	6" Lintel	2	cy		
G	8" x 16" Beam to Walkway	7	cy		
H	6" Slab to Toilet Block	111	sy		
J	5" Slab to Ramp	42	sy		
K	6" Landing to Staircase	6	sy		
L	6" Slab to Nursery School	19	sy		
M	6" Slab to Walkway	58	sy		
<u>E20 Formwork</u>					
N	To sides of 12" columns	59	sy		
P	To sides of 8" columns	14	sy		
Q	To sides of 12" beams	70	sy		
R	To sides of 8" beams	4	sy		
	To Collection	.			

Brades School Toilet Block

SUPERSTRUCTURE (continued)					
<u>E20 Formwork (continued)</u>					
A	To sides 6" Lintel	11	sy		
B	To soffit of landing and stairs	8	sy		
C	To 6" riser	4	sy		
D	To sides of 8" beams to walkways	57	sy		
E	To sides of staircase	1	sy		
F	To soffit of beams in walkways	15	sy		
G	To sides of 8" columns in walkway	40	sy		
H	To 6" edge of toilet block	30	ly		
J	To 5" edge of Ramp	27	ly		
K	To 6" landing of staircase	8	ly		
L	To 6" edge of walkway slab	73	ly		
M	To 6" edge of nursery school slab	9	ly		
<u>E30 Reinforcement</u>					
N	1/2" High tensile bars in 12" columns	316	lb		
P	1/2" High tensile bars in 8" columns in toilet block	114	lb		
Q	1/2" High tensile bars in 8" columns in walkway	318	lb		
R	1/2" High tensile bars in beams in toilet block slab	2426	lb		
S	1/2" High tensile bars in beams in staircase landing	205	lb		
	To Collection				

Brades School Toilet Block

SUPERSTRUCTURE (continued)					
<u>E30 Reinforcement (continued)</u>					
A	1/2" High tensile bars in beams in ramp slab	907	lb		
B	1/2" High tensile bars in 6" Lintels	185	lb		
C	1/2" High tensile bars in 12" beams	500	lb		
D	1/2" High tensile bars in 8" beams in toilet block	72	lb		
E	1/2" High tensile bars in 8" beams in walkway	478	lb		
F	1/2" High tensile bars in walkway slab	632	lb		
G	1/2" High tensile bars vertical in 8" block walls	479	lb		
H	1/2" High tensile bars vertical in 6" block walls	406	lb		
J	1/2" High tensile bars vertical in 4" block walls	76	lb		
K	3/8" High tensile links in 12" columns	249	lb		
L	3/8" High tensile links in 8" columns toilet block	178	lb		
M	3/8" High tensile links in 8" columns in walkway	141	lb		
N	3/8" High tensile links in 6" lintels	128	lb		
P	3/8" High tensile links in 12" beams	421	lb		
Q	3/8" High tensile links in 8" beams in toilet block	53	lb		
R	3/8" High tensile links in 8" beams in walkway	315	lb		
S	BRC A142 mesh in nursery school 6" slab	19	sy		
T	Ladder mesh to 8" block walls	262	ly		
To Collection					

Brades School Toilet Block

SUPERSTRUCTURE (continued)				
<u>F Masonry</u>				
<u>F10 Blockwork</u>				
A	8" Thick reinforced blockwork	88	sy	
B	Fill alternate cavities of 8" thick blockwork with lean mix concrete	44	sy	
C	6" Thick reinforced blockwork	88	sy	
D	Fill all cavities of 6" thick blockwork with lean mix concrete	88	sy	
E	4" Thick reinforced blockwork	19	sy	
F	Fill all cavities of 4" thick blockwork with lean mix concrete	19	sy	
<u>G20 CARPENTRY/TIMBER FRAMING/FIRST FIXING</u>				
G	1" x 6" louver for toilet block	1195	ft	
H	1" x 6" louver for walkway	2728	ft	
J	4" x 4" posts to toilet block	14	No	
To collection				
<u>Collection</u>				
From page 4				
From page 5				
From page 6				
From page 7				
Superstructure carried to Summary				

Brades School Toilet Block

<u>WINDOWS / DOORS</u>				
<u>L10 WINDOWS</u>				
<u>Model LA - 28B Jalousie White Aluminium Window with 3" Bello</u>				
<u>Horizonte Louver Blades including screen complete with all</u>				
<u>necessary fittings.</u>				
A	Window Size 24 x 24" (W1)	16	No.	
<u>L20 DOORS</u>				
<u>1 3/4" Thick Solid Panel Door complete with 1 1/2 pairs 4" stainless steel butt</u>				
<u>hinges with privacy locks (purpose built)</u>				
B	Door Size 30" x 74" (D2)	5	No.	
C	Door Size 36" x 74" (D3)	2	No.	
<u>Aluminium Door hanging on 1 1/2" pairs of 4" stainless</u>				
<u>steel butt hinges with entrance lock deadbolt</u>				
D	Door Size 36" x 80" (D1)	2	No.	
<u>Aluminium Door hanging on 1 1/2" pairs of 4" stainless</u>				
<u>steel butt hinges with privacy locks</u>				
E	Door Size 36" x 80" (D1)	4	No.	
<u>1 3/8" Thick louver wood door</u>				
F	Door size 36" x 80" (D4)	1	No.	
<u>Door Frames</u>				
Wolmanised Pitch Pine to:-				
G	2" x 6" treated timber door frame	128	ft	
H	1" x 1" Door stop glued and screwed to timber door frame	128	ft	
To Collection				

Brades School Toilet Block

<u>WINDOWS / DOORS (continued)</u>					
<u>L20 DOORS (continued)</u>					
<u>Door Frames (continued)</u>					
A	2" Architrave	256	ft		
<u>Painting</u>					
<u>One coat Enviroseal primer, two coats Acrylic Emulsion semi gloss on frames, stops and moulding</u>					
B	Frames including stops	14	sy		
C	Architraves	3	sy		
	<i>To Collection</i>				
<u>Collection</u>					
<i>From page 8</i>					
<i>From page 9</i>					
<i>Door and Wiindows carried to Summary</i>					

Brades School Toilet Block

<u>M FINISHINGS</u>				
<u>Wall finishes</u>				
<u>Cement and sand (1:3) render applied to;</u>				
A	Walls (internally and externally), stairs, columns, beams and lintels for toilet blocks	559	sy	
B	Columns and beams for walkway	112	sy	
<u>Floor Finishes</u>				
C	Cement and sand mortar screed, trowel smooth surface finish to toilet block (floor slab, ramp)	139	sy	
D	Cement and sand mortar screed, trowel smooth surface finish to toilet block staircase (landings, sides of stairs, threads and risers)	26	sy	
E	Cement and sand mortar screed, trowel smooth surface finish to walkway (floor slab)	61	sy	
<u>M40 Tiling</u>				
F	8" X 8" Glazed Ceramic Wall tiles including all grouting and adhesive cement to walls (male and female bathroom)	150	sy	
G	12" x 12" non slip Ceramic Floor Tiles on mortar screed including all grouting and adhesive cement (male and female bathroom)	76	sy	
H	2" x 2" non slip Mosaic Floor Tiles on mortar screed with 1% slope to drain (bathroom shower stall)	10	sy	
<u>M60 Painting</u>				
<u>Apply two coat of acrylic emulsion flat paint and one coat of Enviroseal primer to</u>				
J	Internal rendered surfaces for toilet block	392	sy	
To Collection				

Brades School Toilet Block

<u>M FINISHINGS (continued)</u> <u>M60 Painting (continued)</u>				
A	External rendered surfaces for toilet block	168	sy	
B	External rendered surfaces for walkways	112	sy	
C	4" x 4" post	14	sy	
To Collection				
<u>Collection</u>				
From page 10				
From page 11				
Finishes Carried to Summary				

Brades School Toilet Block

<u>Roof</u>				
<u>G20 CARPENTRY/TIMBER FRAMING/FIRST FIXING</u>				
<u>Wolmanised Pitch pine; Treated</u>				
A	2" x 8" Fascia Board Toilet Block	168	ft	
B	2" x 8" Fascia Board walkway	250	ft	
C	3" x 8" Ridge board to toilet block	56	ft	
D	2" x 6" Ridge board to walkway	130	ft	
E	2" x 6" Rafters to toilet block	900	ft	
F	2" x 4" Rafters to walkway	885	ft	
G	2" x 6" lathing to toilet block	940	ft	
H	2" x 4" lathing to walkway	260	ft	
J	2" x 4" cross brace	509	ft	
K	16" Ridge cap to toilet block	56	ft	
L	16" Ridge cap to walkway	130	ft	
M	T-11 plywood deck board to toilet block	1,650	ft2	
N	Sarking felt to toilet block	1,650	ft2	
P	Galvalume roof sheets to toilet block	1,650	ft2	
Q	Galvalume roof sheets to walkway	950	ft2	
R	Hurricane straps to toilet block	96	No	
S	Hurricane straps to walkway	130	No	
To Collection				

Brades School Toilet Block

<u>Roof (continued)</u>					
<u>M60 Painting</u>					
<u>Apply one coat of acrylic emulsion flat paint and one coat of Enviroseal primer to</u>					
A	Roof Ceiling for toilet block	168	sy		
C	2" x 6" rafters for toilet block	50	sy		
D	2" x 4" Rafters to walkway	33	sy		
E	2" x 8" Fascia Board Toilet Block	12	sy		
F	2" x 8" Fascia Board to walkway	19	sy		
G	2" x 4" cross brace	19	sy		
To Collection					
<u>Collection</u>					
From page 12					
From page 13					
Roof carried to Summary					

<u>N FURNITURE / EQUIPMENT</u>				
<u>N10 GENERAL FIXTURES / FURNISHINGS</u>				
A	Low level bathroom unit, size 8'-9 ^{3/4} " long x 2' 0" wide x 3' 0" high; ¾" formica veneered plywood top with cut out for three sinks, 1" x ¾" cypress lipping, ¾" cypress doors, side panels, ¾" plywood floor, and softwood framing	2	No	
	<u>Surface Finishes</u>			
	<u>Apply Three coats of varnish to;</u>			
B	Bathroom Floor unit cupboards	7	sy	
<u>SANITARY APPLIANCES / FITTINGS</u>				
C	American Standard ; High efficiency Urinal; vitreous China; fixed to masonry surface; mastic sealant	2	No	
D	American Standard vitreous China; water closet (W.C); elongated total toilet; complete with seat and cover; and including for all fixings; fastenings and pluggings; mastic sealant; fittings and fixture	7	No	
E	American Standard Countertop Sink; vitreous China; fixed to masonry surface; mastic sealant	6	No	
F	American Standard; two-handle centerset lavatory faucet; including all accessories; fixed to vitreous china	7	7No	
G	American Standard shower; Hampton two-handle bath/shower fitting including all accessories.	4	No	
H	Surface mounted towel rail plugged and screwed to wall	4	No	
J	Floor drains	6	No	
K	Surface mounted toilet paper dispenser plugged and screwed to wall,	7	No	
	To Collection			

Brades School Toilet Block

<u>N FURNITURE / EQUIPMENT (continued)</u>					
<u>N13 SANITARY APPLIANCES / FITTINGS (continued)</u>					
A	Surface mounted soap dish plugged and screwed to wall, washroom	4	No		
B	Surface mounted shower curtain rod plugged and screwed to wall,	4	No		
C	1/4" thick polished glass mirror overall size 108" x 24" with 2" wide timber frame painted, plugged and screwed to block wall	2	No		
D	Grab bars 5' 0" horizontal	8	No		
To Collection					
<u>Collection</u>					
From page 14					
From page 15					
Furniture/Equipment Carried to Summary					

Brades School Toilet Block

<u>EXTERNAL WORKS</u>				
<u>D GROUNDWORK</u>				
<u>D20 Excavation and filling</u>				
A	Excavating trenches width for drain not exceeding 3'-0"	22	cy	
B	Extra over excavations irrespective of depth for breaking out rock (Provisional)	2	cy	
C	Dispose excavated material to landfill site	32	cy	
D	Retain selected excavated material on site in spoil heaps	57	cy	
E	Keep excavations free from water	1	item	
<u>E In situ Concrete</u>				
<u>E05 Reinforced Concrete</u>				
F	8" Concrete Column for toilet block	64	cy	
G	2" thick unreinforced blinding	342	sf	
<u>E20 Formwork</u>				
H	To sides of concrete walls	58	sy	
J	To soffits of concrete walls	2	sy	
<u>E30 Reinforcement</u>				
K	1/2" High tensile bars in slab	27	lb	
L	1/2" High tensile bars in horizontally in concrete walls	300	lb	
M	1/2" High tensile bars in vertically in concrete walls	300	lb	
N	BRC A142 mesh in 6" drain slab	38	sy	
To Collection				

<u>EXTERNAL WORKS (continued)</u>				
<u>Q PAVING / PLANTING</u>				
<u>Q10 KERBS / EDGINGS / CHANNELS / PAVING ACCESSORIES</u>				
<u>Note: concrete rates to include for formwork as required</u>				
A	Prepare existing area to receive concrete pavers	1,070	sf	
B	Construct reinforced concrete pavers 4" high all as PWD detail, laid and bedded on 6" graded surface, with cement and sand 1:3 mortar	119	sy	
C	BRC ref. 66 mesh reinforcement in concrete pavers	119	sy	
To Collection				
<u>Collection</u>				
From page 16				
From page 17				
External Works Carried to Summary				

<u>DISPOSAL SYSTEMS</u>				
A provisional sum is required as QS remeasurement of all elements will take place.				
<u>Note: pipework rates shall include for all joints, fittings and connections</u>				
<u>R10 RAINWATER PIPEWORK / GUTTERS</u>				
A	downpipe straight PVC 3" diameter pipe fixed to blockwork	4	No	
B	curved PVC 1 1/2" diameter gutter pipe fixed to fasciaboard	110	LF	
<u>R11 FOUL DRAINAGE ABOVE GROUND</u>				
C	3" diameter PVC drain, waste and vent pipes fixed vertically in walls	33	LF	
D	3" diameter PVC drain, waste pipes laid horizontally in concrete	177	LF	
E	4" diameter PVC drain, waste and vent pipes fixed in concrete	70	LF	
<u>R12 DRAINAGE BELOW GROUND</u>				
F	Excavate trench for pipes less than 6" diameter, average depth 2' 0", clean out (prov)	30	LY	
G	3" diameter PVC drain pipe laid in trench (Provisonal)	70	LF	
H	4" diameter PVC drain pipe laid in trench (Provisonal)	30	LF	
J	backfilling to pipes in trench, average depth 2' 0", level and compact (prov)	3	yd ³	
To Collection				

<u>DISPOSAL SYSTEMS (continued)</u>					
<u>Sundries</u>					
A	Manhole, size 2' 4" x 2' 4" externally, depth to invert (typically) 1' 10", constructed of 6" thick reinforced concrete base, 6" block walls reinforced with BRC fabric #66 with all cavities filled, concrete benching trowelled smooth, 3" concrete cover slab reinforced with 1/2" bars at 6" centres both ways, cement and sand (1:3) rendering to internal sides, with 1/2" diameter rebar handles cast in; rate to include excavation, formwork, backfill and disposal :	2	No		
	Testing and commissioning of disposal systems to the engineer's satisfaction	1	Item		
To collection					
Collection					
From page 18					
From page 19					
Disposal Systems Carried to Summary					

<u>PIPED SUPPLY SYSTEMS</u>				
<u>Note: pipework rates shall include for all joints, fittings and connections</u>				
<u>COLD WATER SUPPLY</u>				
A	The contractor shall make provisions for the extension to water main from the existing supply.	1	Item	
B	Excavate trench for pipes less than 2" diameter, average depth 2' 0", clean out sand and lay copper pipe (prov)	10	LY	
C	½" diameter copper water main laid in trenches, bed and surround in 4" sand	160	LF	
D	½" diameter copper water main fixed vertical in walls	40	lf	
E	1" Diameter pressure reducing valve	1	No	
F	1/2" Diameter in-line shut off valve (to sinks, WC's etc)	14	No.	
G	Testing and commissioning of piped supply systems to the engineer's satisfaction	1	item	
Piped Supply Carried to Summary				

<u>Electrical Installation</u>					
<u>Note electrical installation specific brands will be confirmed with Project Manager and QS quantities are provisional for remeasurement</u>					
<u>Distribution boards all as drawing sheets 110 and 110A including mains circuit breakers as specified and fixing panels to blockwork</u>					
A	Excavate trench average 2' 6" deep, clean out, sand and supply and lay 4" pvc duct (Provisional)	65	ft		
B	Provide and lay 4 core 35mm2 cable supplied by(MUL) in duct	100	ft		
C	Panel board, 8way, single phase, 220v and 110v, 100amp isolator, 16 mm2 supply	1	No		
D	5 KVA 220v - 110v Step down Transformer	1	No		
E	Monlec meter and fuse	1	No		
<u>240 Volt circuit, PVC insulated cabling conduits</u>					
F	1.5 mm2 wiring to light fittings to toilet block	2	circuits		
G	1.5 mm2 wiring to light fittings to walkway	1	circuits		
H	6.0 mm2 wiring to transformer	1	circuits		
<u>120 Volt circuit, PVC insulated cabling conduits</u>					
J	2.5 mm2 wiring to socket outlets	4	circuits		
<u>Fittings and accessories: Contactum or Pass and Seymour as appropriate or equally approved</u>					
K	110v and 220v double socket outlet	2	No		
L	110v GFCI twin socket outlet	4	No		

Brades School Toilet Block

To Collection				
<u>Electrical Installation (continued)</u>				
A	Hand dryer; fixed to masonry surfaces	2	No	
B	Sensor switch (internally)	12	No	
C	Sensor switch (externally)	4	No	
D	Single pole one way light switch (internally)	12	No	
E	Single pole two way light switch to toilet block (externally)	2	No	
F	Single pole two way light switch to walkway	2	No	
<u>Light fittings complete with lamps:</u>				
G	External wall mounted weather proof lights	12	No	
H	Internal wall mounted lights	3	No	
J	24" surface mounted single lamp flourescent fixture including diffuser for toilet block	15	No	
K	24" surface mounted single lamp flourescent fixture including diffuser for walkway	8	No	
<u>Builders work in connection with services</u>				
L	Allow for cutting or forming all holes and chases in concrete or block walls for fans, trunking or conduits and the like and making good on completion. (prov)	1	Item	
M	5/8" Diameter Copper bonded Steel Earth Rod 6' - 0" long driven into ground anchored with covered test well including wiring and connection to main distribution board	1	No	
N	Allow for installing connections to Monlec existing system new residence	1	No	

To Collection				
<p><u>Electrical Installation (continued)</u></p> <p>Collection</p> <p>From page21</p> <p>From page22</p> <p>Electrical Installation Carried to Summary</p>				

<p>PRELIMINARIES / GENERAL conditions</p> <p><u>Project Particulars</u></p> <p>Project particulars</p> <p><u>Toilet block and Covered Walkway; Located at Brades</u></p> <p><u>Names and addresses of employers and consultants</u></p> <p>Employer; Government of Montserrat Ministry of Education</p> <p>Architect; Public Works Department; Ministry of Communication, Works and Labour; Montserrat; Telephone 1664-491-6611; Fax 1664-491-6659</p> <p>Engineer; Public Works Department; Ministry of Communication, Works and Labour; Montserrat; Telephone 1664-491-6611; Fax 1664-491-6659</p> <p>Quantity Surveyor; Public Works Department; Ministry of Communication, Works and Labour; Montserrat; Telephone 1664-491-6611; Fax 1664-491-6659</p> <p><u>Tender and contract documents</u></p> <p>Documents</p> <p><u>List of drawings / other documents</u></p> <p>To be used for contract; Architectural Drawings; A-00 - A-09</p> <p>To be used for contract; Electrical Drawings; E-01 - E-02</p> <p>To be used for contract; Structural Drawings; S-01 - S-06</p> <p>To be used for contract; Mechanical Drawings;</p>				
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P-01 - P-02

To Collection

Description of the Works

Description of the work

The construction of a Toilet Block and a Covered Walkway

10884mm x 8788mm; 1855mm x 800mm Gas shed;
1400mm x 1400mm water tank plinth

The Contract / Sub Contract

Form of contract

The form of contract to be used JCT SBC/2011
with Quantities

Schedule of clause headings of standard conditions

First Recitals - The Government of Montserrat
Ministry of Education wishes to have a
Toilet block and a Covered Walkway constructed at
Barzeys ('the
Works') and has had drawings and bills of quantities
prepared which show and describe the work to be
done.

Second Recital - The Contractor has supplied The
Government of Montserrat, Ministry of Education
with a fully priced copy of the bills of
Quantities, which for identification has been signed
or initialled by or on behalf of each party (' the
Contract Bills'); and has provided the Government
of Montserrat, Ministry of Education with
the priced schedule of activities annexed to this
Contract ('the Activity Schedule')

Third Recital - The drawings are numbered/listed in
annexed to this Contract ('the Contract Drawings')
and have for identification been signed or initialled
by or on behalf of each Party.

Article 1: Contractor's obligations

To Collection

<p><u>Schedule of clause headings of standard conditions</u></p> <p>The Contractor shall carry out and complete the Works in accordance with the Contract Documents.</p> <p>Article 2: Contract Sum</p> <p>The Contract Sum shall be in Eastern Caribbean Dollars; Delete ('Exclusive of VAT') and insert 'Inclusive of duties', consumption and customs services and taxes'.</p> <p>Article 3: Project Architect/Contract Administrator</p> <p>The Project Architect/Contract Administrator as listed in Project Particulars.</p> <p>Article 4: Quantity Surveyor</p> <p>The Quantity Surveyor as listed in Project Particulars.</p> <p>Article 8: Arbitration</p> <p>2.1 General Obligations</p> <p>2.4 Date of Possession - progress</p> <p>2.5 Deferment of possession</p> <p>2.6 Early use by Employer</p> <p>2.7 Work not forming part of the Contract</p> <p>2.9 Construction information and Contractor's master programme</p> <p>2.10 Levels and setting out of the Works.</p> <p>2.12 Further drawings, details and instructions.</p> <p>2.13 Preparation of Contract Bills and Employer's requirements</p>				
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To Collection					
<u>Schedule of clause headings of standard conditions</u>					
2.15 Notice of discrepancies etc.					
2.24 Materials and goods - on site					
2.25 Materials and goods - off site					
2.26 Related definitions and interpretation					
2.27 Notice by Contractor of delay to progress					
2.28 Fixing Completion Date					
2.30 Practical completion and certificates					
2.31 Non-Completion Certificates					
2.32 Payment or allowance of liquidated damages					
2.39 Certificate of Making Good					
3.1 Access for Project Architect/Contract Administrator					
3.2 Person-in-charge					
3.3 Employer's representative					
3.4 Clerk of works					
3.5 Replacement of Architect/Contract Administrator or Quantity Surveyor					
3.6 Contractor's responsibility					
3.7 Consent to sub-contracting					
3.8 List in Contract Bills					
3.9 Conditions of sub-contracting					
3.10 Compliance with instructions					

To Collection					
<u>Schedule of clause headings of standard conditions</u>					
3.11 Non-compliance with instructions					
3.12 Instructions other than in writing					
3.13 Provisions empowering instructions					
3.14 Instructions requiring Variations					
3.15 Postponement of work					
3.16 Instructions on Provisional Sums					
3.17 Inspection - tests					
3.18 Work not in accordance with the Contract					
3.19 Workmanship not in accordance with the Contract					
3.20 Executed work					
3.21 Exclusion of persons from the Works					
4.1 Work included in Contract Sum					
4.2 Adjustment only under the Conditions					
4.3 Items included in adjustments					
4.4 Taking adjustments into account					
4.5 Final adjustment					
4.8 Advance payment					
4.9 Interim payments - due dates and amounts due					
4.10 Interim Certificates and valuations					
4.11 Contractor's Interim Applications and Payment Notices					

To Collection				
<u>Schedule of clause headings of standard conditions</u>				
4.12 Interim payments - final date and amount				
4.15 Final Certificate and final payment				
4.17 Off-site materials and goods				
4.18 Rules on treatment of Retention				
4.20 Retention - amounts and periods				
5.1 Definition of Variations				
5.2 Valuation of Variations and provisional sum work				
5.3 Variation Quotation				
5.4 Contractor's right to be present at measurement				
5.5 Giving effect to Valuations, agreements etc.				
5.7 Daywork				
6.1 Liability of Contractor - personal injury or death				
6.2 Liability of Contractor - injury or damage to property				
6.3 Injury or damage to property - Works and Site Materials excluded				
6.4 Contractor's insurance of his liability				
6.5 Contractor's insurance of liability of Employer				
6.6 Excepted Risks				
6.8 Related definitions				
6.14 Application of clauses				
6.15 Compliance with Joint Fire Code				

To Collection					
<u>Schedule of clause headings of standard conditions</u>					
6.16 Breach of Joint Fire Code - Remedial Measures					
6.17 Joint Fire Code - amendments/revisions					
7.1 General					
7.2 Rights of enforcement					
7.3 Notices					
7.4 Execution of Collateral Warranties					
8.1 Meaning of insolvency					
8.2 Notices under section 8					
8.4 Default by Contractor					
8.5 Insolvency of Contractor					
8.6 Corruption					
8.7 Consequences of termination under clauses 8.4 to 8.6					
8.8 Employer's decision not to complete the Works					
8.10 Insolvency of Employer					
8.12 Consequences of Termination under clauses 8.9 to 8.11, etc.					
9.3 Conduct of arbitration					
9.4 Notice of reference to arbitration					
9.5 Powers of Arbitrator					
9.6 Effect of award					

9.7 Appeal - questions of law				
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To Collection

<p><u>Special conditions or amendments to standard conditions</u></p> <p>2.38 Schedules of defects and instructions</p> <p>Delete the words ' in respect of the Contractor's Designed Portion '</p> <p>2.14 Contract Bills and CDP Documents - errors and inadequacy</p> <p>Delete the words ' or in the CDP Analysis'</p> <p>2.8 Contract Documents.</p> <p>Delete the words ' the CDP Documents (where applicable)'</p> <p>2.29 Relevant Events</p> <p>Replace "United Kingdom Government" with "Government of Montserrat"</p> <p>6.4 Contractor's insurance of his liability</p> <p>Clause 6.4.1.1 insert the words 'applicable in Montserrat' after the words 'relevant legislation'.</p> <p>6.7 Insurance Options</p> <p>Insurance A Applies</p> <p>6.9 Sub-contractors - Specified Perils cover under Joint Names All Risks Policies</p> <p>Clause 6.9.1 Delete the words ' and the Employer, where Insurance Option B or C applies' and " B.1 or C.2'.</p> <p>Clause 6.9.2 Delete the words ' B.2.1.2 or C.3.1.2'.</p> <p>6.10 Terrorism Cover - policy extensions and premiums</p>				
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To Collection					
	<p><u>Special conditions or amendments to standard</u></p> <p><u>Special conditions or amendments to standard conditions</u></p> <p>Clause 6.10.1 Delete the words ' or the Employer, where insurance Option B or C applies'.</p> <p>6.11 Terrorism Cover - non-availability - Employer's options</p> <p>Clause 6.11.5.3 Delete</p> <p>8.9 Default by Employer</p> <p>Clause 8.9.1.1 Delete the word ('VAT') and insert Inclusive of duties, consumption and customs services and taxes'.</p> <p>8.11 Termination by either Party</p> <p>Clause 8.11.1.5 Replace the words ' United Kingdom Government' with ' Government of Montserrat'.</p> <p><u>Appendix insertions</u></p>				
A	<p>1.1 Date for Completion of the works</p> <p>clause 2.4; Date of possession: To be inserted</p> <p>Clause 2.32.2; Liquidated Damages At a rate of \$12,500 per day or part of a day</p> <p>4.8. Advance Payment;</p> <p>The Advance payment of 10% of the Contract Sum will be paid to the Contractor upon Contract Signature and the provision of an Advance payment Guarantee subject to the approval of the Financial Secretary. It will be reimbursed to the Employer in monthly equal installments commencing at Interim Certificate No.2</p>	Days			

B	Clause 4.20.1; Percentage of Retention (5 percent)	5 %			
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To Collection

<p><u>Appendix insertions</u></p> <p>Clause 6.4.1.2; Contractor's insurance: Insurance cover (for any one occurrence or series of occurrences arising out of one event</p> <p>Clause 6.5.1; Insurance liability of Employee Insurance is Required</p> <p>Clause 6.7; Insurance of the Works Clause 6.7A Applies</p> <p>Clause 6.14; Joint Fire Code Applies</p> <p>Clause 9.4.1; Appointment of Arbitrator President or a Vice President of the Royal Institute of British Architects in accordance with laws of Montserrat</p> <p><u>Employers insurance responsibility</u></p> <p>Minimum Amount of third Party Insurance EC\$ 775,000.00</p> <p><u>Performance guarantee bond / collateral warranties</u></p> <p>Amount of Bond or Guarantee (if required) 10 percent of contract price</p> <p><u>Employers requirements: Tendering / Sub-letting / Supply</u></p> <p>Employers requirements and limitations</p> <p><u>TEXT TO BE DEFINITIVE:</u></p> <p>Do not alter, add to or modify the text of the Bills of Quantities as this will not be recognized or taken into account and could lead to a disqualification of</p>				
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the tender. If the Contractor wishes to make an observation as to the printed text in connection to the rates he has inserted, such observation shall form the subject of a separate letter to accompany his tender.	1			
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<p><u>PRICING</u></p> <p>Price in ink each item in the Bills of Quantities which is considered to have a money value. If the Tenderer omits to price any item it will be deemed that either he will perform the services described free of charge or that a cost of such service has been included against items appearing elsewhere in the Bills. The rates inserted shall be deemed to be in Eastern Caribbean Currency.</p> <p>Prices inserted shall be deemed to include for the payment of customs and other duties, import levies and the like, for the provision of all labour, materials and plant for transport, for deliveries to Site (where not specifically mentioned in the description) for temporary storage of materials and return of empties, for the erection, maintenance and removal of scaffolding, temporary staging, plankways protection, etc. and for all other things necessary for the completion of the works in accordance with the drawings and Bills of Quantities to the reasonable satisfaction of the Project Architect.</p> <p><u>FLUCTUATIONS</u></p> <p>No adjustments shall be made for fluctuations in the cost of labour and materials.</p> <p><u>QUERIES</u></p> <p>Tenderers shall refer all queries arising out of this Tender to the Project Architect whose decision for the purpose of tendering shall be final.</p>	1			
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To Collection

<p><u>QUERIES</u></p> <p>Queries shall be raised no later than seven days before the date of tenders so as to permit the circularizing of the replies to all tenderers, if this is considered necessary. Such answers as are necessary shall be given as a matter of assistance to the Tenderer but they shall not be interpreted as adding to, or taking away from, or otherwise altering the meaning and intent of the tender documents, and/</p> <p>or the Tenderer's obligations thereunder, which can be varied only by a letter signed by the Project Architect.</p> <p><u>TIME</u></p> <p>Time is critical in this contract, therefore the agreed contract completion date must be adhered to. Note failure to adhere to the contract time will result in the Employer claiming liquidated damages.</p> <p><u>PERIOD OF VALIDITY</u></p> <p>Tenders shall remain open for consideration (unless previously withdrawn) for not less than 90 days from the date fixed for the submission of lodgment of tenders. Information on the date for possession/commencement can be found in section A20</p> <p><u>EXCLUSIONS</u></p> <p>If the Contractor cannot tender for any part(s) of the Work as defined in the tender documents the Project Architect must be informed as soon as possible, defining the relevant part(s) and stating the reason(s) for the inability to tender.</p> <p><u>SUBMISSION:</u></p> <p>Detach the completed Form of Tender from one copy of the Priced Bills of Quantities and submit in</p>				
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a sealed envelope and the Bills of Quantities in a separate sealed envelope, both envelopes bearing the title of the Project and the Tenderer's name on or before the appointed date for and at the place of submission of tenders set out in the letter of invitation to tender.				
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To Collection

<p><u>PRELIMINARIES IN THE SPECIFICATION</u></p> <p>The Preliminaries/General conditions sections (A10 -A55 inclusive) have been prepared in accordance with the Standard Method of Measurement of Building Works Seventh Edition Revised 1998 Incorporating Amendments 1+2 SMM7.</p> <p><u>ERRORS</u></p> <p>Arithmetical errors discovered in the Tenderer's priced Bills of Quantities will be dealt with as follows. If the total net error would cause a divergence from the tendered sum of over \$1,000.00 or less, or in the former case if the Tenderer has elected to stand by his/her tender, the total net error will be added to or deducted from the total shown against Preliminaries so that the tendered sum remains the same.</p> <p>For the purpose of administering the contract, for interim payments and for the settlement of accounts, the amount of any error adjustment shall be calculated as a percentage of the tendered sum (P.C.) and Provisional Sums expected) and applied to all rates.</p> <p><u>ACCEPTANCE OF TENDER:</u></p> <p>The Employer does not bind himself to accept the lowest or any tender or to reimburse tenderers for any expense incurred in tendering, nor offer no guarantee that any tenderers will be recommended for acceptance or accepted.</p>				
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To Collection

<p><u>PROGRAMME/METHOD STATEMENT/RISK ANALYSIS</u></p> <p>The Contractors' proposed programme as specified in Section 2 (2.9) or a summary thereof showing the sequence and timing of the principal parts of the Works, periods for the planning, construction and handover, and itemizing any work which is excluded must be submitted prior to execution of the contract. In addition the contractor must also submit a clear detailed method statement based on the working strategies for executing the works and a risk analysis to indicate how they would manage all construction related risks.</p> <p><u>Employers requirements: Provision, content and use of documents</u></p> <p>Employers requirements and limitations</p> <p><u>Definitions and Interpretations</u></p> <p>CA; Means the person nominated in the contract as Project Architect or Contract Administrator or their authorized representative.</p> <p>In writing; When required to advise, notify, inform, instruct, agree, confirm, obtain information, obtain approval or obtain instructions do so in writing.</p> <p>APPROVAL; (and words derived therefrom) means the approval in writing of the CA unless specified otherwise</p> <p>PRODUCTS; means materials (including naturally occurring materials) and goods (including components, equipment and accessories) intended for permanent incorporation in the Works.</p>	1			
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<p><u>Definitions and Interpretations</u></p> <p>CROSS-REFERENCES TO THE SPECIFICATION; Where a numerical cross-reference to a specification section or clause is given on drawings or in any other document the contractor must verify its accuracy by checking the remainder of the annotation or term description against the terminology used in the reference to section or clause. Where a numerical cross-reference is not given the relevant section(s) and clause(s) of the specification will apply, cross-reference thereto being by means of related terminology. Where a numerical cross-reference for a particular type or work, feature, material or product is given, relevant clause(s) elsewhere referred to in the specification section dealing with general matters, ancillary products and workmanship also apply. The Contractor must, before proceeding, obtain clarification or instructions in relation to any discrepancy or ambiguity which may be discovered.</p> <p>REFERENCE DOCUMENTS; Where and to the extent that this specification conflicts with referenced documents, this specification prevails</p>				
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To Collection

<p><u>Definitions and Interpretations</u></p> <p>PROVISIONAL AND PRIME COST (P.C.) SUMS; The term "Provisional Sum" shall mean a sum provided for work or for costs which cannot be entirely foreseen, defined, or detailed at the time the tendering documents are prepared. Such sum shall be used in part or in whole as directed by the Project Architect and shall be deemed to be inclusive of any profit required by the Contractor unless otherwise indicated. The term "Prime Cost Sum" or "P.C. Sum" shall mean a sum provided for work or services to be executed by a sub-contractor nominated by the Project Architect, a statutory authority or a public undertaking or for materials or goods to be obtained from a supplier nominated by the Project Architect. Such sums may be used in part or in whole as directed by the Project Architect and shall be deemed to be exclusive of any profit required by the Contractor and provision is made for the addition thereof if any. When profit is added by the Contractor the sum so added shall be adjusted in direct proportion to the amount of the P.C. sum is actually expended. Where a P.C. price is given in the description of any item of work it shall be taken as a price only for the materials or services referred to (delivered to Site, unless otherwise stated), and the Contractor shall use this price in the build-up of his rate for the supply and installation of that item of work. The P.C. price shall be deemed to include the Contractor's cash discount and the Contractor shall be deemed to have allowed in his price build-up for profit, overheads, attendance, etc. he may require for the P.C. price given. A net adjustment shall be made to the Contractor's built-up price should the service or item selected by the Architect cost more or less than the P.C. price given.</p> <p>FIX ONLY; means all labours in unloading, handling,</p>				
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storing and fixing in position, including use of plant.				
SUPPLY AND FIX; Unless stated otherwise all items given in the schedule of work and/or on the drawings are to be supplied and fixed complete.				

To Collection

<p><u>Definitions and Interpretations</u></p> <p>MANUFACTURER AND REFERENCE; where used in this combination; "Manufacturer" means the firm under whose name the particular product is marketed. "Reference" means the proprietary brand name and/or reference by which the particular product is identified.</p> <p><u>Documents Provided on Behalf of the Employer</u></p> <p>BILLS OF QUANTITIES AND DRAWINGS; Read the Bills of Quantities and drawings as one document and carry out everything for the proper execution of the works whether or not specifically described or shown therein, provided the same may reasonable inferred there from a list of the drawings from which the Bills of Quantities have been prepared is embodied in this document. Items in the Materials and Workmanship Section of these Bills of Quantities are deemed to qualify and to be part of every description of measured work to which they refer.</p> <p>THE MEASURED QUANTITIES; For purposes of ordering products and constructing the Works: The accuracy and sufficiency of the measured quantities is not guaranteed. The specification and drawings shall take precedence over the measured quantities.</p> <p>THE SPECIFICATIONS; All sections of the specification must be read in conjunction with Main Contract Preliminaries/General conditions.</p>				
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To Collection

<p><u>Documents Provided on Behalf of the Employer</u></p> <p>DISCREPANCIES; Verify on drawings and on site all dimensions shown or given before commencing construction. Work to figured dimensions only and in the absence of any dimensions, or in case of discrepancies between dimensions, bring the matter to the immediate attention of the Project Architect for a decision. For the purpose of construction, the drawings shall take precedence over the Bills of Quantities but in all cases of discrepancies between the documents, bring the matter to the attention of the Project Architect whose decision shall be final and binding. The accuracy of dimensions scaled from the drawings is not guaranteed. Obtain from the Project Architect/CA any dimensions required but not given in figures on the drawings nor calculable from figures on the drawings.</p> <p>COPIES; Two copies of the Bills of Quantities and all drawings shall be furnished free of charge to the contractor for his own use until the completion of the contract. They shall be accessible, at all reasonable times, to the Project Architect, to whom they shall be returned at the completion of the contract. After execution of the contract, two copies of the specification will be issued to the contractor in accordance with the contract. Additional copies will be issued on request, if available, but will be charged to the contractor.</p> <p>ORDERING OF MATERIALS; Do not use the Bills of Quantities as a ordering list. Tenderers are advised to prepare their own material loading list based on the construction drawings issued and on measurements where appropriate.</p> <p>TECHNICAL LITERATURE; The Contractor is advised to keep copies of the following on site,</p>				
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readily accessible for reference by all supervisory personnel: Manufacturers' current literature relating to all products to be used in the Works; Relevant BS and or Codes of Practice				
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To Collection

<p><u>Documents Provided on Behalf of the Employer</u></p> <p>MAINTENANCE INSTRUCTIONS AND GUARANTEES; Retain copies delivered with components and equipment (failing which, obtain), register with manufacturer as necessary and hand over to CA on or before Practical Completion. Notify the Project Architect/CA of telephone number for emergency services by Subcontractors after Completion.</p> <p><u>Employer's requirements: Management of the Works</u></p> <p>Employers requirements and limitations</p> <p><u>Generally</u></p> <p>THE SITE; Tenderers are expected to visit the site and ascertain the nature of the work to be done, means of access and egress, the availability and positions of essential services, viz. electricity, water, etc., condition of the Site, necessity for and extent of sleeper roads, temporary crossings and temporary drainage, working space and storage for materials and allow in this tender for all such factors which may affect the execution of the Works.</p> <p>INSURANCE; Before starting work on site submit documentary evidence and/or policies and receipts for the insurance required by the Conditions of Contract.</p> <p>INSURANCE CLAIMS; If any event occurs which may give rise to any claim or proceeding in respect of loss or damage to the Works or injury or damage to persons or property arising out of the Works, forthwith give notice in writing to the Employer, the</p>				
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Project Architect/CA and the Insurers. Indemnify the Employer against any loss which may be caused by failure to give such notice.				
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To Collection

<p><u>Generally</u></p> <p>CLIMATIC CONDITIONS; Keep an accurate record of: Daily maximum and minimum air temperatures (including overnight). Delays due to adverse weather, including description of the weather, type(s) of work affected and number of hours lost.</p> <p>SUPERVISION; Accept responsibility for co-ordination, supervision and administration of the Works, including all subcontractor. Arrange and monitor a programme with each subcontractor, supplier, local authority and statutory undertaker, and obtain and supply information as necessary for co-ordination of the work.</p> <p>MAINTENANCE OF ROADS; Maintain the public and private roads, footpaths, ditches, curbs, and the like. Keep the approaches to the site free from excavated materials, mud and debris. The Contractor is to make good any damage due to any cause within his control at his own expense or pay any cost and charges in connection therewith.</p> <p>TEMPORARY ROADS; Provide, maintain and alter as necessary all temporary roads, tracks, paths, hard standings, pavement crossings, temporary works and the like. Reinstate all ground and all work disturbed on completion of the works.</p> <p>PROTECTION OF PUBLIC AND PRIVATE SERVICES; Protect, uphold, temporarily divert and maintain all pipes, ducts, drains, sewers, service mains, overhead cables and the like during the execution of the works. The Contractor is to make good any damage due to any cause within his</p>				
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control at his own expense or pay any cost and charges in connection therewith. Approval shall be obtained at least two weeks in advance if any service have to be interrupted.				
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To Collection

<p><u>Generally</u></p> <p>SITTING OF TEMPORARY WORKS AND OF PERMANENT SOIL DISPOSAL; Obtain the approval of the Project Architect to the sitting of permanent soil disposal and notify him of the proposed sitting of materials, of temporary soil and rubbish deposits and of temporary buildings, temporary roads and the like.</p> <p>TEMPORARY WATER DISPOSAL; Provide and maintain temporary gutters, channels, drains and the like for the disposal of surface and other water. Alter, shift and adapt from time to time as necessary.</p> <p>WATER LEVEL; Information on soil tests and water level is obtained front a soil Investigation report which is available for inspection at the office of the Engineer during normal working hours.</p> <p>FRINGE BENEFITS; Allow for all cost in respect of National Insurance, Vocation and Public Holiday Leave, Sick Leave, Cost of Living Allowances, Subsistence Allowances, traveling time and expenses and all other emoluments and expenses payable to or in connection with the employment of persons for the Works. Comply with all local regulations in force relating to the welfare of workpeople on the site or in places where work is being prepared for incorporation into the Works and keep and maintain, at all times, an adequate First Aid Kit on the site.</p>				
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To Collection

<p><u>Generally</u></p> <p>REVISED FAIR WAGES CLAUSE;The Fair Wages Clause 31 of the conditions of Contract shall be deleted and replaced by the following; (1) The Contractor shall pay rates of wages that are not less than favorable than: (Approximate) The rates of wages established under a collective agreement between employers or employers' association and workers' organisation representative respectively of substantial proportions of employers and workers engaged in the trade or industry, whether or not the Contractor is a party to such agreement. (B) The rates established in the absence of or subsequent to any collective agreement, under any arbitration award for work of the same character in the trade or industry, whether or not such award is binding on the Contractor. (C) The minimum rates of wages established by any law. (D) Such rates of wages are as paid by Government for work of the same character in the trade or industry, in the absence of any collective agreement, arbitration award or provision of law.</p> <p>(2) The Contractor or sub-contractors shall post notices in conspicuous places at the establishment and work-places concerned informing the workers of the rates of pay and other conditions of work.</p> <p>(3) The Contractor or his sub-contractor shall keep proper wages and time books and, in the event of work being paid for any results, work sheets shall be kept showing wages paid to, the time and / or the amount of work performed by workmen in and about the execution of the Contractor or his sub-contractor shall be bound whenever required to produce such wages and time books and / or work sheets for the inspection of any person authorized</p>				
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by the Contractor. (4) (a) The Contractor shall be prohibited from transferring or assigning directly or indirectly to any person or persons what ever, any part of his contract without the written permission of a person authorized by the Government.				
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To Collection

A	<p><u>Generally</u></p> <p>The units measurement have been abbreviated in the Bills as follows:-</p> <p>Cubic Yards ~ cy.</p> <p>Linear Feet ~ lf.</p> <p>Suare Feet ~ sy.</p> <p>Square Yards ~ sy.</p> <p>Lineaar Yards ~ ly.</p> <p>Number ~ No.</p> <p>Pound ~ lbs.</p> <p>All weights and measures referred to in the Bills of Quantities are those normally in use locally unless otherwise stated.</p> <p><u>PROGRAMME/PROGRESS</u></p> <p>OVERTIME; The contractors attention is drawn to the restricted working hours as set out under the relevant item of this Section of the Bills of Quantities. Work outside those hours specified or authorised later by the Project Architect shall be permitted.</p>				
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To Collection

<p><u>PROGRAMME/PROGRESS</u></p> <p>PROGRESS CHART AND REPORTS; The Contractor shall prepare and submit with his tender a draft programme and progress chart of the entire Works. If the Contractor is awarded the Contract, he shall agree the details of his programme with the Project Architect and shall produce four (4) copies of the agreed chart for the Architect and shall display the chart on the site and record progress thereon during the execution of the Works. The Contractor shall so programme the work as not to interfere with the free use of any existing buildings, roads, and other areas and or adjoining the site. The Contractor shall keep a permanent written record on the site of the progress of the Works. This record shall be open to the inspection of the Project Architect at all reasonable times. A copy shall be furnished to the Project Architect on request. The report will contain at least the following:</p>				
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To Collection

<p><u>PROGRAMME/PROGRESS</u></p> <p>PROGRESS CHART AND REPORTS;</p> <ol style="list-style-type: none"> 1. Weather Conditions 2. Manpower on the job in each trade. 3. Major items of equipment on the job. 4. A brief summary of work accomplished that day. 5. Materials, equipment, or Employer furnished items arriving or leaving site. 6. Significant events, including accidents. 7. Any testing made and their results, if known 8. Any oral instructions received. 9. Visitors on the job. 10. Possible causes for delay. <p>The record shall show the dates of commencement and completion of all trades and parts of the work coming under the Contract. It shall also include particulars regarding daily weather conditions, excavation works, erection and removal of formwork, pouring of concrete etc., as well as the number of employees of the various trades engaged on the Works.</p>				
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<p>SUBMISSION OF PROGRAMME; This will not relieve the Contractor of responsibility to advise the Project Architect/CA of the need for further drawings or details or instructions in accordance with the Conditions of the Contract.</p> <p>COMMENCEMENT OF WORK; Inform the Project Architect/CA at least 5 working days before the proposed date of commencement of work on site.</p>				
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To Collection

<p><u>PROGRAMME/PROGRESS</u></p> <p>SITE MEETINGS; The Project Architect/CA will hold regular site meetings to review progress and other matters arising from the administration of the Contract. Meetings will normally be held monthly. Ensure the availability of accommodation at the time of such meetings. Attend all meetings and inform subcontractors and suppliers when their presence is required. The Project Architect/CA will chair the meetings and take and distribute minutes.</p> <p>NOTICE OF COMPLETION; Give the Project Architect/CA at least 2 weeks notice of the anticipated dates of Practical Completion of the whole or parts of the Works.</p> <p>ADVERSE WEATHER; Use all reasonable and suitable building aids and methods to prevent or minimize delays during adverse weather conditions.</p> <p><u>CONTROL OF COST</u></p> <p>CASH FLOW FORECAST; As soon as possible and before starting work on site submit to the Project Architect/CA a forecast showing the gross valuation of the Works at the date of each Interim Certificate throughout the Contract period and based upon the programme for the Works.</p> <p>MEASUREMENT; Give reasonable notice to the Quantity Surveyor before covering up work which the Quantity Surveyor requires to be measured.</p>				
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<p>DAYWORK VOUCHERS; Give reasonable notice to the Project Architect/CA of the commencement of any work for which daywork vouchers are to be submitted. Before being delivered, each voucher must be:</p> <ol style="list-style-type: none"> 1) Referenced to the instruction under which the works is authorised, and 2) Signed by the person in charge as evidence that the workmen names, the time spent by each, the plant and materials shown are correct. 				
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To Collection

<p><u>CONTROL OF COST</u></p> <p>INTERIM VALUATIONS; At least 3 days before the end of each established Period for interim valuations submit to the QS details of amounts due under the Contract together with all necessary supporting information.</p> <p>UNFIXED MATERIALS; At the time of each valuation disclose to the QS which of the unfixed materials and goods on site are free from, and which are subject to, any reservation of title inconsistent with passing or property as required by the Conditions of the Contract, together with their respective values. When requested provide evidence of freedom from reservation of title.</p> <p>LABOUR AND PLANT RETURNS; At the beginning of each week provide for verification by the CA records showing, for each day of the previous week:</p> <ol style="list-style-type: none"> 1) The number and description of craftsmen, labourers and other persons employed on or in connection with the Works, including those employed by subcontractors. 2) The number, type and capacity of all mechanical and power-operated plant employed on the Works. 				
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To Collection

<p><u>Employers requirements: Quality standards / control</u></p> <p>Employers requirements and limitations</p> <p><u>MATERIALS AND WORK GENERALLY</u></p> <p>GOOD PRACTICE; Where and to the extent that materials, products and workmanship are not fully detailed or specified they are to be:</p> <p>a) Of a standard appropriate to the Works and suitable for the functions stated in or reasonable to be inferred from the project documents,</p> <p>b) In accordance with relevant good building practice.</p> <p>GENERAL QUALITY OF PRODUCTS;</p> <p>a) Materials and workmanship are to be of the best quality of their respective kinds, and those for which there is a British Standard or Code of Practice are to conform thereto unless otherwise stated. Workmanship is to conform to sound building practice unless otherwise described or shown.</p> <p>b) Products to be new unless otherwise specified.</p> <p>BEST QUALITY; Materials and workmanship are to be of the best quality of their respective kinds, and those for which there is a British Standard or</p>				
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	<p>Code of Practice are to conform thereto unless otherwise stated. Workmanship must conform to sound building practice unless otherwise described or shown.</p> <p>APPLY THROUGHOUT; Description of materials and workmanship given in any one Section of Trade are to apply throughout the Bills of Quantities unless otherwise described.</p>				
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To Collection

A	<p><u>MATERIALS AND WORK GENERALLY</u></p> <p>BRAND NAMES; Where materials are described by Brand or Trade names such names are given as indication of type, quality etc. Allow in tendering for these particular materials but alternatives may be used with the Project Architects approval. If approval is not given the materials described herein must be provided. All branded materials shall be used strictly in accordance with the respective manufacturer's recommendations or instructions. The Contractor shall be responsible for obtaining from manufacturers all relevant details regarding the use of their products. The Contractor shall bring immediately to the attention of the Project Architect any differences between the manufacture's recommendations and the specification given herein for a decision on which it will take precedence.</p> <p>MATERIALS PROVIDE AS NECESSARY; Provide as necessary all materials required for the proper execution and completion of the Works.</p> <p>MATERIALS AVAILABILITY; Ensure that all materials will be available from stock and, if this is not the case, make arrangements for deliveries so that no delay is occasioned due to the non-availability of materials.</p> <p>LABOUR PROVIDE AS NECESSARY; Provide</p>				
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	<p>as necessary, all skilled, semi-skilled and unskilled labor required for the execution and completion of the Works. Workmanship is to be of the best quality throughout, to the reasonable satisfaction of the Project Architect. Provide a competent foreman-in-charge and all other site staff such as storekeeper, timekeeper, checker, etc., necessary for the proper supervision of the Works. Any instruction given by the Project Architect to the foreman-in-charge shall be deemed to have been given to the contractor.</p>				
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To Collection

	<p><u>MATERIALS AND WORK GENERALLY</u></p> <p>LABOUR AVAILABILITY; Ensure that all labour will be available for the Works and allow in the tender for the additional cost of any importation of labour from other districts that may be deemed necessary.</p> <p>TRANSPORTATION PROVIDE AS NECESSARY; Provide all necessary transport for labour, materials and plant.</p>				
A	<p>SAMPLES; Samples and materials, colors, finished work, etc. shall be provided, without charge to the Project Architect for approval if required. Keep approved samples on site in an approved position for use as reference by craftsmen. No materials or workmanship which in the opinion of the Project Architect is of a lower quality than the approved</p>				

<p>sample will be accepted by the Project Architect.</p> <p><u>ACCURACY/SETTING OUT GENERALLY</u></p> <p>RECORD DRAWINGS; Keep accurate records, in a form acceptable to the Project Architect, of the position and routing of all services internally and externally, whether executed by own workman or others, and deliver in duplicate fully detailed drawings to the Architect not later than seven days after completion of the particular installation. Record details of all grids lines, setting-out stations, bench marks and profiles on the site setting-out drawings. Retain on site throughout the Contract and hand to the Project Architect/CA on Completion</p> <p>ACCURACY OF INSTRUMENTS; Use instruments and methods described in BS 5606, Appendix A</p>	Item			
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To Collection

<p><u>ACCURACY/SETTING OUT GENERALLY</u></p> <p>SETTING OUT; Check the levels and dimensions of the site against those shown on the drawings, and record the results on a copy of the drawings. Notify the Project Architect/CA in writing of any discrepancies and obtain instructions before proceeding. Inform the Project Architect/CA when overall setting out is completed and before commencing construction.</p> <p><u>SUPERVISION/INSPECTION/DEFECTIVE WORK</u></p> <p>SUPERVISION; In addition to the constant management and supervision of the Works provided by the Contractor's person in charge, all significant types of works must be under the close control of</p>				
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	<p>competent trade supervisors to ensure maintenance of satisfactory quality and progress.</p> <p>CO-ORDINATION OF ENGINEERING SERVICES; The site organisation staff must include one or more persons with appropriate knowledge and experience of mechanical and electrical engineering services to ensure compatibility between engineering services, one with another and each in relation to the Works generally. Submit to the Project Architect/CA, when requested, CV's or other documentary evidence relating to the staff concerned.</p> <p>DEFECTIVE WORK; Any defective materials or sub-standard workmanship not in accordance with this contract shall be removed and replaced without charge.</p>				
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To Collection

	<u>SUPERVISION/INSPECTION/DEFECTIVE WORK</u>				
A	<p>TEST; Provide materials for and carry out tests as and when directed by the Project Architect. If the results of any tests are unsatisfactory bear the cost of any resulting reconstruction which may be ordered by the Project Architect. Make the necessary provisions in your bid price for the cost of testing materials or workmanship by independent agencies as may be directed by the Project Architect. The cost of testing materials and</p>				

<p>workmanship found not to be in accordance with the</p> <p>Specification shall be bone by the Contractor. Load</p> <p>testing of piles (if applicable) is measured in the Measured Works Section of the Bills of Quantities.</p> <p><u>WORK AT OR AFTER COMPLETION</u></p> <p>GENERAL CLEAR AWAY AND CLEAN; Clear away all plant and temporary work unless otherwise described or directed and make good. Clear away all existing rubbish, debris and surplus materials as they accumulate and at completion. Clean floors, pavings, glass both sides and all external surfaces and leave the Works clean and perfect at completion.</p> <p><u>Employers requirements: Security / Safety /Protection</u></p> <p>Employers requirements or details stated</p> <p><u>Noise and pollution control</u></p> <p>Comply generally with the Local laws as it applies to noise pollutions. Comply generally with the recommendations of BS 5228 Part 1, clause 9.3 for minimising noise levels during the execution of the Works. Take all reasonable precautions to prevent pollution on the site, the Works and the general environment.</p>		Item		
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To Collection

<p><u>Security</u></p> <p>The site of the proposed Works shall be under the Contractor's sole charge from the date of possession to the date of completion of the Contract. Provide all necessary day and night watching to effectively protect the Works and</p>				
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<p>materials stored on site including those of sub-contractors and accept all risks for damage or loss. Provide all necessary temporary hoarding, barricades, planked footways, gantries, screens, etc., for the protection of the work people, occupants, adjoining property and the public and alter, adapt and maintain them as necessary and clear away on completion and reinstate all work disturbed to the satisfaction of the relevant authorities.</p> <p><u>Protection of work in all sections</u></p> <p>Case up and protect all work including that executed by sub-contractors and specialists from any kind of injury and damage. Provide all necessary temporary roofs, tarpaulins, screens, planking and general protection that may be required and clear away when no longer needed and reinstate any work which has become damaged or stained.</p> <p><u>Explosive</u></p> <p>Do not use</p> <p><u>Nuisance</u></p> <p>Take all reasonable precautions to prevent nuisance from smoke, dust, rubbish, vermin and other causes</p> <p><u>Fire prevention</u></p> <p>Smoking will not be permitted on the site, equip appropriate areas with fire equipment and schedule inspections to guard against risk of fire. Burning of materials arising from the work will not be permitted.</p>				
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To Collection

<p><u>Water</u></p> <p>Prevent damage from storm and surface water. (items for keeping the site and excavations free from water are given elsewhere).</p>				
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	<p><u>Employers requirements: Specific limitations on method/ sequence timing / use of site</u></p> <p>Employers requirements or limitations, details stated</p> <p><u>Access</u></p> <p>Prevent any trespassing by unauthorised persons on the site of the Works and any trespassing on the adjoining property by own employees or those of sub-contractors and indemnify the Employer against any claims, costs or proceedings whatsoever arising out of any trespassing or alleged trespassing.</p> <p><u>Use of the site</u></p> <p>Inform the Project Architect/CA of the intended siting of all spoil heaps, temporary works and services. Provide suitable temporary accommodation for site meetings, the room may be part of the contractors own site office. Provide and maintain in a clean condition sanitary accommodation for the Employer's representatives, either separate or shared with the Contractor's supervisory staff. The accommodation must include an adequate number of appliances, wash hand basin(s) with adequate lighting and ventilation.</p> <p><u>MAINTAIN</u></p> <p>Maintain, alter, adapt and move temporary works and services as necessary. Remove when no longer required and make good.</p>				
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To Collection

A	<p><u>Contractors general cost items: Management and staff</u></p> <p>Management and staff</p> <p>The Project Architect in conjunction with the</p>				
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	<p>Contractor shall select all temporary buildings including areas for use by nominated sub-contractors as may be necessary. The Ground on which temporary buildings are sited shall be made good after removal of these buildings.</p> <p>Provide, erect and maintain suitable office accommodation and Mess-rooms for staff and workmen and remove on completion.</p> <p>Provide, erect and maintain suitable sheds for storage of materials and remove on completion.</p> <p>Provide temporary latrines for the use of workmen, to the satisfaction of the Project Architect and the relevant Sanitary Authorities and empty and cleanse same as and when required and clear away on completion.</p> <p>For the purposes of this Contract the Contractor shall provide suitable space within the general site office, provided for the Contractor's supervisor, for a large desk with two chairs for use by the Employers consultants or representatives. This work will be carried by the Contractor.</p>				
	<p><u>Contractors general cost items: Services and facilities</u></p> <p>Services and facilities</p> <p><u>Lighting</u></p>				
B	<p>Provide all necessary artificial lighting and power, including that for sub-contractors and specialists, and pay all charges for drawing off main</p>	Item			

Brades School Toilet Block

	supply. This work will be carried by the Electrical Contractor.				
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To Collection

	<u>Water</u>				
A	Provide water for the works including that for sub-contractors and specialists, at the various levels and positions where required including all necessary sumps temporary plumbing and storage and pay all charges for drawing water from main supply. This work will be carried by the Plumbing Contractor.		Item		
	<u>Safety, health and welfare</u>				
C	Include for complying with all local statutes and regulations in force relating to the safety, health and welfare of work people employed in connection with the works on site or in places where work is being prepared for incorporation into the Works, and for keeping and maintaining at all times an adequate First Aid kit on the site		Item		
	<u>Storage of materials</u>				
D	Provide and maintain proper sheds for the storage of materials, plant and items brought on to site for use in the Works.				

	<p><u>Rubbish disposal</u></p> <p>E Provide for removing all rubbish from the site and deposit in an approved dump site both as it accumulates from time to time and on completion, and for generally keeping the Works and the site clean and tidy at all times.</p> <p><u>Cleaning</u></p> <p>F The Contractor shall keep and maintain the site in a neat and tidy condition for the duration of the Contract.</p>				
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To Collection

	<p><u>Protection of work in all sections</u></p> <p>A Allow for all work in connection with protecting all the Works, by whatever means necessary from any kind of injury or damage. Provide all necessary temporary roofs, tarpaulins, screens, planks and general protection that may be required and clear away when no longer needed and reinstate any work which has become damaged or stained.</p> <p><u>Maintain public and private roads</u></p> <p>B The Contractor shall be responsible for maintaining and protecting private and public roads and that of drainage. The Contractor shall indemnify the Employer against any claim for damage to public and</p>				
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	private roads and that of drainage caused by the execution of the Works				
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To Collection

	<u>General attendance on nominated sub-contractors</u>				
A	<p>Provide attendance upon, cut away for and make good after trades performed by own workmen and own sub-contractors and leave perfect on completion.</p> <p>Provide general attendance on nominated sub-contractors which shall be deemed to include allocation, for free use by sub-contractor, of suitable</p>				

	<p>areas on site for office accommodation and storage of plant and materials, reasonable and free use of scaffolding and hoisting tackle already erected by the Contractor, free use of mess-rooms, sanitary accommodation and their work and cleaning away rubbish. When a lump sum price is inserted against this item it shall be adjusted in direct proportion to the amount of the nominated sub-contract P.C. sum actually expended.</p> <p>Provide special attendance on nominated sub-contractors e.g. cutting chases and the like, only when specifically instructed so to do following the items in the Bills of Quantities which describe the particular nominated sub-contract work. When a lump sum price is inserted against this item it shall be adjusted in direct proportion to the amount of the nominated sub- contract P.C. sum actually expended.</p> <p><u>Contractors general cost items: Mechanical plant</u></p> <p>Hoists</p> <p>B Provide all hoist and the like for the proper execution and completion of the Works.</p> <p>Transport</p> <p>C Provide all transport and the like for the proper execution and completion of the Works.</p>				
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To Collection

	<p>Concrete plant</p> <p>A Provide all concrete plant and the like for the proper execution and completion of the Works.</p> <p><u>Contractors general cost items: Temporary works</u></p> <p>Temporary roads</p> <p>B Provide and maintain all necessary temporary roads, tracks, gangways, bridges and the like, within the site for the proper completion of the works</p> <p>Scaffolding</p> <p>C Provide all scaffolding necessary for the proper execution and completion of the Works including altering, adapting and maintaining during the progress of the works</p> <p>Hoardings, fans, fencing etc.</p> <p>D Provide and maintain all necessary temporary fences, hoardings, planked footways, guard rails, gantries and the like necessary for the protection of the public and the proper execution of the Works and comply with the requirements of all official bodies having authority in connection with the Works</p> <p><u>A53: WORK BY STATUTORY AUTHORITIES</u></p> <p>Include the following Provisional Sums:-</p> <p><u>For work by statutory undertakings</u></p> <p>E sewer connection</p> <p>F electricity main and meter</p>				
E	sewer connection		Item		
F	electricity main and meter		Item		

Brades School Toilet Block

G	water main and meter		Item		
H	disposal installation		Item		
J	plumbing installation		Item		

To Collection

A	<u>A54: PROVISIONAL WORK</u>				
	<p>Include the following Provisional Sums:-</p> <p><u>For undefined work</u></p> <p>contingencies</p>		Item		

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7 - PRELIMINARIES Carried to Summary

SUMMARY

Demolition	from page 1
Substructure	from page 3
Superstructure	from page 7
Windows/ Doors	from page 9
Finishings	from page 11
Roof	from page 13
Fixtures and fittings	from page 15
External Works	from page 17
Disposal Systems	from page 19
Piped Supply	from page 20
Electrical Installation	from page 23
Preliminaries	from page 64

Brades School Toilet Block

TOTAL OF BUILDING WORKS TO GENERAL SUMMARY					

GOVERNMENT OF
MONTSERRAT
PUBLIC WORKS DEPARTMENT
GENERAL CONDITIONS
OF
CONTRACT

GENERAL CONDITIONS

1 Definitions

- a) The “Contract” means these General Conditions together with the Specifications, drawings and includes the contract agreement
- b) The “Employer” means the Government of Montserrat
- c) The “Quantity Surveyor” means a duly authorized representative of the Employer
- d) The “Government Architect” means a duly authorized representative of the Employer
- e) The “Contractor” means the company appointed to carry out the works
- f) The “colony” means the colony of Montserrat
- g) The “Site” means the areas and/or places where on or in which the Works are to be carried out
- h) The “Works” means the works to be executed in accordance with this Contract as described in the Specifications
- i) The “language” of the Contract shall be English
- j) The “Law” applicable to the Contract, shall be the Laws of Montserrat

2 Contract Document - Priority

- 1) Contract Agreement
- 2) The Drawings
- 3) Specifications
- 4) Conditions of Contract
- 5) Any other document forming part of the Contract

3 Extent of Contract

The Contract comprises of the construction and completion of all Works described in the Specifications, Drawings and Bill of Quantities and to supply all necessary labor, materials, plant and temporary works to complete the described works together with such materials as are required by the Specifications.

4 Power to Vary or Omit

- a) The Employer reserves the right to vary from time to time during the progress of the works, the Specifications or Drawings and shall in writing, notify the Contractor of such variation. If the instructions are given orally, they shall, within two days be confirmed in writing by the Quantity Surveyor, in the event of any such variation involving an alteration in the cost, or in the period required for completion an agreed revision of contract price and/or time of completion may be made, any such alterations should be deemed part of the Contract.
- b) No variation, alteration or addition to the work indicated in the Specification and/or Drawing shall be made unless the written instruction of the employer has been obtained.

5 Assignment of Contract

- 1) The Contractor shall remain responsible to the Employer for workmanship and manner of workmanship defaults and neglects of any sub-contractor or agent or workman employed by him.

6 Supply Materials

- 1) The Contractor shall within the agreed contract price, supply such materials as required and detailed by the Specifications.
- 2) The contractor shall ensure that all materials necessary for the purpose of carrying out the specified work, be safeguarded daily after completion of work and secured on completion of the contract.

7 Setting Out

- 1) The Contractor shall be responsible for setting out of the work.

8 Workmanship

- i. The Contractor shall at all times carry out his works in accordance with the laws of Montserrat.

- ii. The Employer may from time during the course of the Contract inspect any completed or part-completed work of the Contractor. If the Employer is not satisfied with such work, he shall in writing, inform the Contractor of his dissatisfaction.
- iii. Notwithstanding any such progress inspection by the Employer the Contractor shall at all times carry out the Contract in a workman-like manner. On completion of the works, the Contractor shall satisfy the Employer as to the quality and fitness of the work.

9 Removal of Debris

The Contractor shall remove all debris caused by their work from time to time as it accumulates and shall leave the site clean on completion of the Contracted Works.

10 Supervision of Works and Skilled Workmen

- a) The Contractor shall provide all necessary superintendence during the execution of the works.
- b) The Contractor shall employ in and about the execution of the Works only such persons who are carefully skilled and experienced in their respective several trades.
- c) The Supervising Officer may (but not unreasonably or vexatiously) issue instructions requiring the exclusion from the Works of any person employed thereon.

11 Contractor's Plant

- a) The Contractor shall provide at their own cost all tools, and other plant necessary for the purpose of carrying out the specified Work in a structured and efficient manner.

12 Payment Fees

The Contractor shall be responsible for the payment of all fees necessary for the completion of the Contract required by any Statutory Authority within or without the Colony.

13 Health and Safety

- a) The Contractor is responsible for the Health and safety of all persons employed by him and of any person who may come in contact with the works from time to time.
- b) He or she shall in no way carry out any work that could be seen to endanger the life of any of his employees or any member of the general public, including any member of the staff or any student on the compound of the Brades Primary School.
- c) He or she shall ensure at any time that there is no communication or directives accepted or acted upon by him/herself, or any of his employees from any member of staff or the general public in respect of the works.
- d) He or she shall respect and abide by any directions, security protocols and procedures given or instructed in respect of school modus operandi for the entire contract.

14 Injury to or death of a person

The Contractor shall be liable for and shall, indemnify the Employer against any expense, liability, loss, claim or proceedings whatsoever arising under any statute or at Common Law in respect of personal injury to or death of any person whomsoever arising out of or in the course of or caused by the carrying out of the Works.

15 Damage to Property

The Contractor shall be liable for and must indemnify the Employer against any expense, liability, loss, claim or proceedings in respect of any damage whatsoever to any property real or personal insofar as such damage arises out of or in the course of or by reason of the carrying out of the Works and is due to any negligence, omission and default of the Contractor.

16 Evidence of Insurance

The Contractor shall produce such evidence as the Employer may reasonably require that the insurance's referred to herein have been taken out and are in force at all material times.

17 Traffic Control

Due to the nature of the Works it will be the responsibility of the Contractor to ensure that a system of traffic control is in operation, including no vehicular access, if necessary. He shall also maintain clearly signed safe routes for the continued operation of the schools daily functions.

18 Payment to the Contractor

Payment to the Contractor will be made after the issue of an Architect's certificate based on the amount of work completed to date. A retention of 5% will be held from the value of each certificate up to a maximum of 3% of the contract sum. Such retention money will be released at the end of the warranty period provided that all works and defects have been executed to the satisfaction of the Employer.

19 Warranty Period

A warranty period of 12 months is part of the Contract agreement, during which time the Contractor bears the full responsibility for the execution of maintenance of the works and any repair or correction which might become necessary due to the failure and incorrect performance of the Contractor or his sub-contractors.

20 Handing Over Completed Works

The Contractor shall notify the Employer in writing of his completion of the contracted Works. The said work shall be subject to the satisfaction of the employer and the statutory body having jurisdiction that all the works is completed and are in good order. The supervising Officer shall certify the date when in his opinion, the works have reached practical completion. This date shall be the date of the "defects liability period" and the commencement of the warranty period.

21 Failure to Meet Completion Date

Should the contractor fail to complete the contracted works within the agreed time he shall be subject to a fine of 0.25% of the contract price a day, for every day the completion is overdue.

22 Matters not Contained in the Contract

Any matter not explicitly provided for within this Contract shall be in the matter of a separate agreement between the Employer and Contractor. Any such agreement shall become part of his Contract.

23 Matter of Disagreement

If a dispute arises under this Contract, the parties agree that they would first exhaust the provisions outlined in sections 46, 47 and 48 of the Public Finance (Management and Accountability) Procurement regulations 2012. If the parties fail to come to an amicable resolution through the provisions outlined above, then the dispute shall be settled with the help of a mutually agreed-upon mediator in Montserrat. The parties shall share any costs and fees equally, other than attorney fees associated with the mediation.

24 Contract Documents

- a) The Contractor shall receive two complete copies of Contract Documents
- b) Subsequent to the commencement of the Contract, the Contractor shall receive a copy of all additions to and amendments to the Specifications or drawings.

25 DETERMINATION OF THE CONTRACT

1) Default by the Contractor

If, before the date for practical completion, the Contractor shall make a default in any one or more of the following respects:

- a) Without reasonable cause he wholly or substantially suspends the carrying out of the works, or
- b) He fails to proceed regularly or diligently with the works, or
- c) He refuses or neglects to comply with a written instruction given by the Government Architect and by such refusal or neglect the works are materially affected The Government Architect may give to the Contractor a notice specifying the default or defaults.

If the Contractor continues with the default for 14 days from the issue of the notice under the contract the Employer may by a further notice to the Contractor determine the employment of the Contractor under this Contract. Such determination shall take effect on the date of receipt of such further notice.

A notice of determination shall not be given unreasonably or vexatiously.

2) Consequences of determination under clause 25.i.

The Government Architect shall determine the amount due to the Contractor which shall include any loss, damage or expenses incurred by the Employer as a direct consequence of the determination. A final payment certificate will be prepared accordingly.

3) Determination by the Contractor or Employer

If, before the date of practical completion, the carrying out of the whole or substantially the whole of the uncompleted works is suspended by reason of one or more of the events stated below for a period of three months or more

- a) Force majeure, or
- b) The Architects instruction

Then the Contractor or the Employer may upon expiry of the period of the suspension give notice to the other that unless suspension is terminated within 7 days after the receipt of such notice.

The Employer shall pay to the Contractor, the total value of the work properly executed at the date of determination of the employment of the Contractor, such value ascertained in accordance with the conditions as if the employment of the Contractor had not been determined

A notice of determination shall not be given unreasonably or vexatiously.

26 SUSPENSION OF THE UNCOMPLETED WORKS

- a) The Government Architect may issue instructions in regard the postponement of any or all the works to be executed under this contract.



Government of Montserrat

CONTRACT PERFORMANCE REPORT

GoM Contract Ref	Start Date	Contractual Completion Date
Service/Item Code	Contractor & VDB No (if known)	
Delivery Point	Project & Contract Title	
Original Contract Value	Original Programme (weeks)	Actual Completion Date:
Completion Value (if agreed)	Final Programme (weeks)	Would you use them again? Yes / No
Any problems with performance or advance payment guarantees?		Yes / No

Comments	CP score ✓ as appropriate	5 - good	4 - good	3 - poor average	2 poor	1 awful
Organisation						
Quality						
Personnel						
Environment						
Safety						
Commercial						
Manufacturing						
Technical						
Time						

Additional information (if necessary amplifying comments, eg why would you use them again if they had scored poorly, were delays/increases in cost the fault of the supplier):

Signed (Project Officer)	Date:
--------------------------	-------

GOVERNMENT OF MONTSERRAT

TENDER SUBMISSION ANTI-COLLUSION CERTIFICATE

I/WE CERTIFY THAT THIS TENDER IS MADE IN GOOD FAITH, AND THAT WE HAVE NOT FIXED OR ADJUSTED THE AMOUNT OF THE TENDER BY OR UNDER OR IN ACCORDANCE WITH ANY AGREEMENT OR ARRANGEMENT WITH ANY OTHER PERSON. I/WE ALSO CERTIFY THAT WE HAVE NOT AND I/WE UNDERTAKE THAT WE WILL NOT BEFORE THE AWARD OF ANY CONTRACT FOR THE WORK:

DISCLOSE THE TENDER PRICE OR ANY OTHER FIGURES OR OTHER INFORMATION IN CONNECTION WITH THE TENDER TO ANY OTHER PARTY (INCLUDING ANY OTHER COMPANY OR PART OF A COMPANY FORMING PART OF A GROUP OF COMPANIES OF WHICH I AM/WE ARE A PART OF) NOR TO ANY SUB-CONTRACTOR (WHETHER NOMINATED OR DOMESTIC) NOR SUPPLIER (WHETHER NOMINATED OR DOMESTIC) OR ANY OTHER PERSON TO WHOM SUCH DISCLOSURE COULD HAVE THE EFFECT OF PREVENTING OR RESTRICTING FULL COMPETITION IN THIS TENDERING EXERCISE

ENTER INTO ANY AGREEMENT OR ARRANGEMENT WITH ANY PERSON THAT THEY SHALL REFRAIN FROM TENDERING, THAT THEY SHALL WITHDRAW ANY TENDER ONCE OFFERED OR VARY THE AMOUNT OF ANY TENDER TO BE SUBMITTED OR OTHERWISE COLLUDE WITH ANY PERSON WITH THE INTENT OF PREVENTING OR RESTRICTING FULL COMPETITION

PAY, GIVE OR OFFER PAY OR GIVE ANY SUM OF MONEY OR OTHER VALUABLE CONSIDERATION DIRECTLY OR INDIRECTLY TO ANY PERSON FOR DOING OR HAVING DONE OR CAUSING OR HAVING CAUSED TO BE DONE IN RELATION TO ANOTHER TENDER OR PROPOSED TENDER FOR THE WORK ANY ACT OR THING OF THE SORT DESCRIBED AT I), II) OR III) ABOVE.

I/WE FURTHER DECLARE THAT I/WE HAVE NO KNOWLEDGE EITHER OF ANY SUM QUOTED OR OF ANY OTHER PARTICULARS OF ANY OTHER TENDER FOR THIS CONTRACT BY ANY OTHER PARTY.

I/WE FURTHER CERTIFY THAT THE PRINCIPLES DESCRIBED ABOVE HAVE BEEN, OR WILL BE, BROUGHT TO THE ATTENTION OF ALL SUB-CONTRACTORS, SUPPLIERS AND ASSOCIATED COMPANIES PROVIDING SERVICES OR MATERIALS CONNECTED WITH THE TENDER AND ANY CONTRACT ENTERED INTO WITH SUCH SUB-CONTRACTORS, SUPPLIERS OR ASSOCIATED COMPANIES WILL BE MADE ON THE BASIS OF COMPLIANCE WITH THE ABOVE PRINCIPLES BY ALL PARTIES.

I/WE ACKNOWLEDGE THAT ANY BREACH OF THE FOREGOING PROVISIONS SHALL LEAD AUTOMATICALLY TO THIS TENDER BEING DISQUALIFIED AND MAY LEAD TO CRIMINAL OR CIVIL PROCEEDINGS. THE GOVERNMENT OF MONTSERRAT SHALL TREAT ANY TENDER RECEIVED IN CONFIDENCE BUT RESERVES THE RIGHT TO MAKE THE SAME AVAILABLE TO ANY OTHER FUNDING ORGANISATION OR STATUTORY REGULATORY AUTHORITY EITHER HAVING JURISDICTION OVER THE WORKS OR WHO MAY NOW OR AT ANY TIME IN THE FUTURE HAVE STATUTORY POWER TO REQUIRE DISCLOSURE OF THIS TENDER.

IN THIS CERTIFICATE, THE WORD 'PERSON' INCLUDES ANY PERSONS AND ANY BODY OR ASSOCIATION, INCORPORATED OR UNINCORPORATED; ANY AGREEMENT OR ARRANGEMENT INCLUDES ANY TRANSACTIONS, FORMAL OR INFORMAL AND WHETHER LEGALLY BINDING OR NOT; AND 'THE WORK' MEANS THE WORK IN RELATION TO WHICH THIS TENDER IS MADE.

SIGNATURE..... IN CAPACITY OF

DATE.....2017

DULY AUTHORISED TO SIGN TENDERS AND ACKNOWLEDGE THE CONTENTS OF THE ANTI-COLLUSION CERTIFICATE FOR AND ON BEHALF OF:

NAME OF FIRM.....

FULL POSTAL ADDRESS.....

TELEPHONE No..... FAX No

EVALUATION OF TENDER

Evaluation Criteria

The following evaluation criteria will be used to evaluate tenders received in response to this Invitation to Tender provided. The Administrative Compliance would be applied before the remaining criteria and is either pass or fail with failure meaning that bids would be deemed Non-compliant. **Tenders must achieve a minimum score of 75% to be considered for award of contract.**

Criteria Description	Weight (%)
Administrative Compliance	5
Method Statement / Risk Analysis	10
Programme of Works	5
Financial Compliance	45
Technical Compliance & Tenderer's Experience	35

Tenderers that fail to meet the above qualifying score will be rejected and not considered for award of contract.

Administrative Compliance (5%)

Tenderers must submit all the documents requested in the tender document. The tender checklist provides a list of requirements which need to be fulfilled. All Tenderers are required to fully complete the Form of Tender including the commencement time and the proposed completion time which are highlighted. In addition, Tenderers are required to fully complete the Bill of Quantities provided. A valid Tax Compliance Certificate must be submitted with each submission. Tenderers must sign and date the Anti-Collusion statement. In addition, details of two (2) previous works of similar nature must be submitted in accordance with the Technical Compliance below. This fulfils The Administrative Compliance which is weighted 5% of the total evaluation. Where **all** the above requirements have been fulfilled then the tenderer would advance to the next evaluation criteria. If any of the above mentioned items are not submitted, then the tender would be deemed non-compliant and the submission rejected.

Method Statement/Risk Analysis (10%)

Tenderers are required to submit a work method statement which should identify a fully detailed outline of the work task or process which should be completed in carrying out the said works. Risk control strategies should also be identified to ensure that all the possible hazards, health, safety and the wellbeing of the workforce is not affected. Tenderers should also submit a risk method statement to show how to eliminate (or reduce as far as possible) the possibility of an

accident occurring where individuals may suffer injury or work related illness, or where property may be damaged. This criterion would be assessed by a 5% weighting.

Programme of Works (5%)

Tenderers are required to provide an accurate detailed programme of works showing a list of all activities which would be carried out to complete the works including time frames for each activities. The programme should effectively show the start dates, duration of key activities, the total duration for completing the works and hand over date. Programmes with the necessary requirements would be assessed by obtaining a required percentage out of 5.

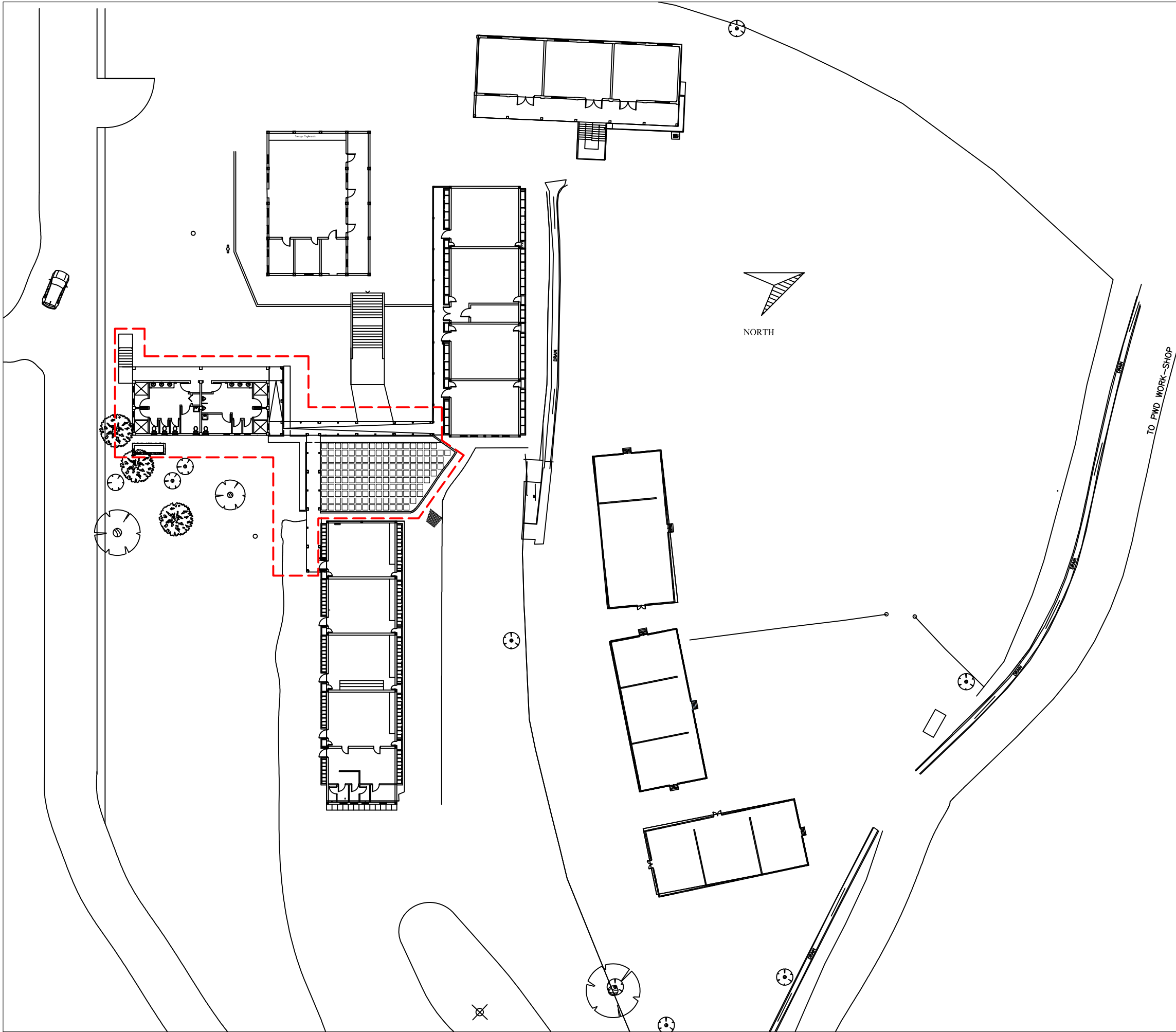
Financial Compliance (45%)

The tendered price is a significant component and the Government of Montserrat will seek to ensure that the works are undertaken at the most economically advantageous price. Nonetheless the Government of Montserrat is not bound to accept the lowest or any tender. However, there are other factors as listed in the criterion description for evaluation and these will be considered proportionately. The percentage for this criterion will be calculated proportionately in comparison to other price submissions from tenderers.

Technical Compliance & Experience (35%)

Adherence to the technical specification is paramount to tenderers achieving success in the evaluation process. Prospective tenderers need to provide details of at least 2 previous contracts completed within the past 5 years of a similar nature to the scope of works of this tender with a minimum value of EC\$200,000.00 for material and labour and a minimum value of EC\$80,000 for labour only. These details should include but are not limited to the following; the entity or person for which the work was completed, contact information for the entity or person, the value of the works, and the location of the works. In addition, the prospective tenders can submit award letters for works in lieu of the above mentioned information. The percentage for this criterion will be calculated proportionately in comparison to other submissions from tenders.

Start Date or Date of Award	Description of Works	Name of Client	Price of Contract	Date Completed



SHEET INDEX

DWG #	DESCRIPTION
A-00	LOCATION PLAN
A-01	DEMOLITION PLAN
A-02	DEMOLITION SITE SECTIONS
A-03	SITE PLAN
A-04	SITE SECTIONS
S-01	WALKWAY FRAMING PLAN
S-02	FOUNDATION PLAN
A-05	FLOOR PLAN
A-06	SECTIONS A & B
A-07	SECTIONS C & D
A-08	SOUTH & EAST ELEVATION
A-09	WEST ELEVATION
S-03	DETAILS
S-04	STAIR & MANHOLE DETAILS
S-05	WALKWAY COVER DETAILS
S-06	ROOF FRAMING PLAN
E-01	ELECTRICAL PLAN
E-02	ELECTRICAL SITE PLAN
P-01	PLUMBING PLAN
P-02	PLUMBING SITE PLAN

LOCATION PLAN
SCALE: NTS

SYMBOL	DESCRIPTION
	PROPOSED AREA



Public Work
Department
Ministry of
Communicatio
& Works

P.O. Box 344
Montserrat
West Indies
T: (664) 491-6611
F: (664) 491-6659
E: govarch@gov.ms

Revisions

A	MM/DD/YY	-----
A	Date	Description

General Notes

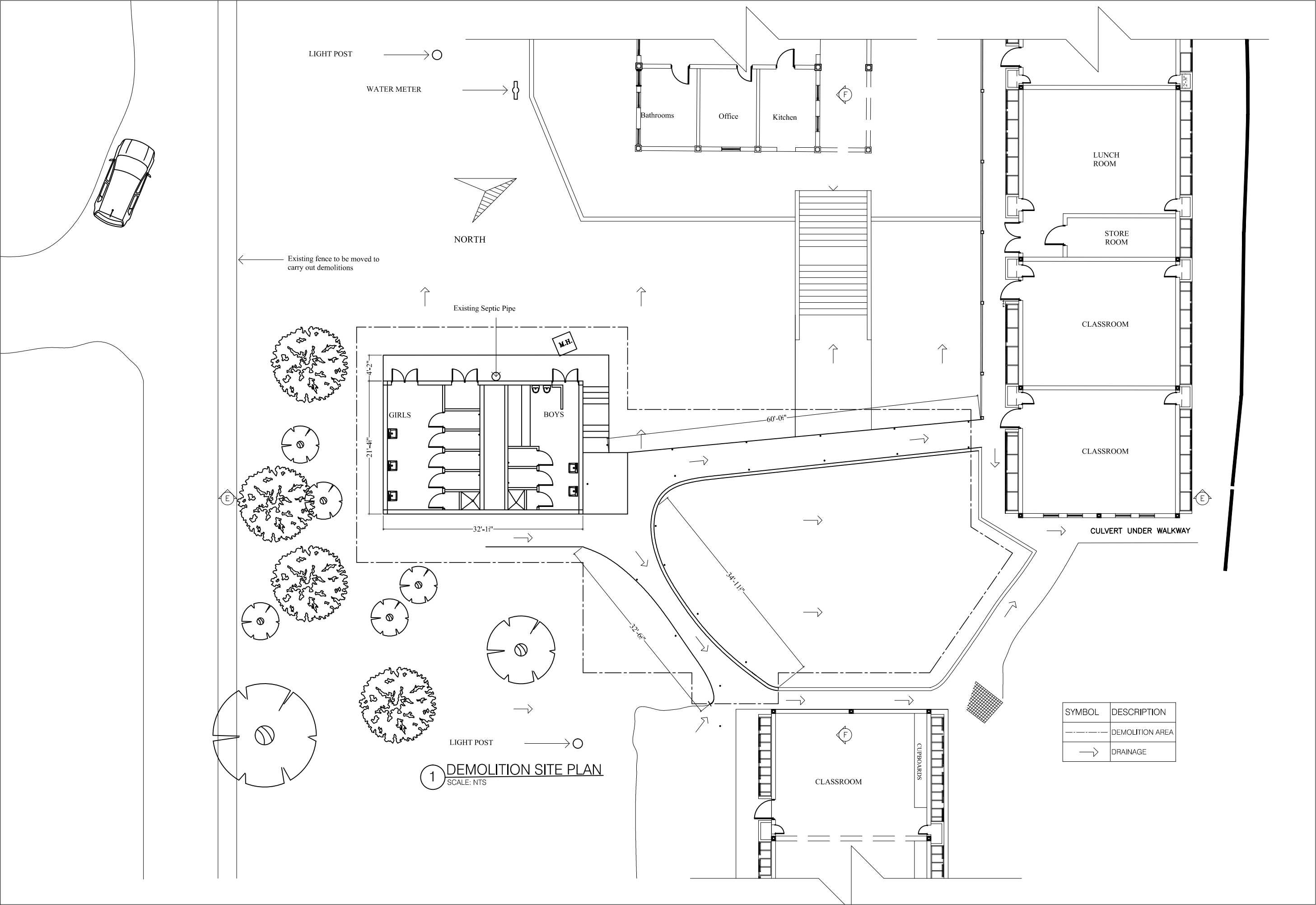
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5. This drawing is to be re conjunction with Structural, Mechanical, Electrical and/o other consultant's document that is applicable to the pr

PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
LOCATION PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	
DATE 06/02/2017	
SCALE As Shown	DRAWING A-00
DRAWN BY MCWLE	
CHECKED BY	REV:



Public Works
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Ministry of
Communications
& Works

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General Notes

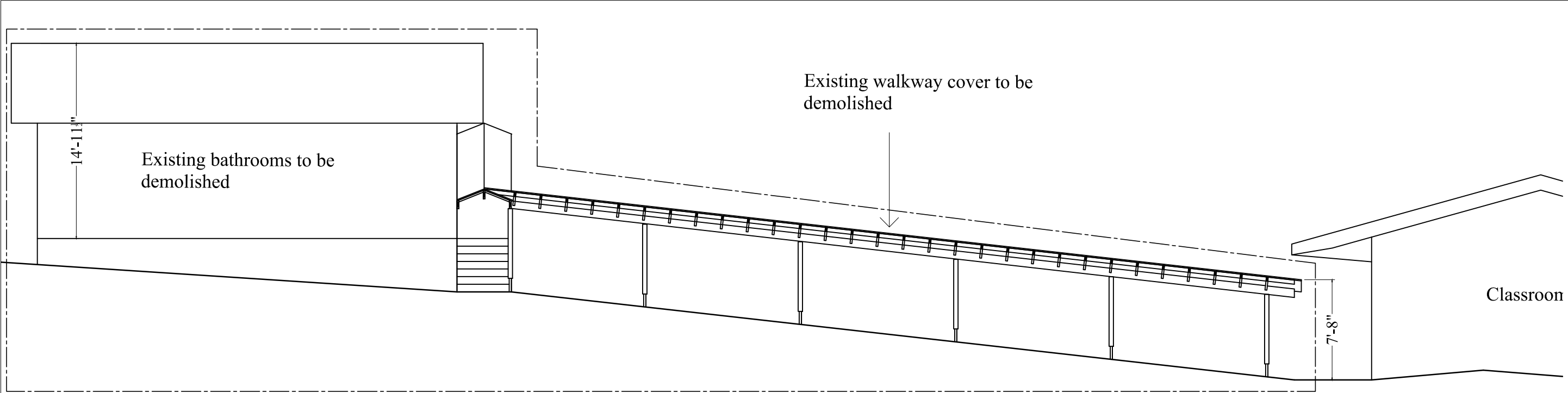
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PROJECT
Brade's Primary
School New
Bathroom Block

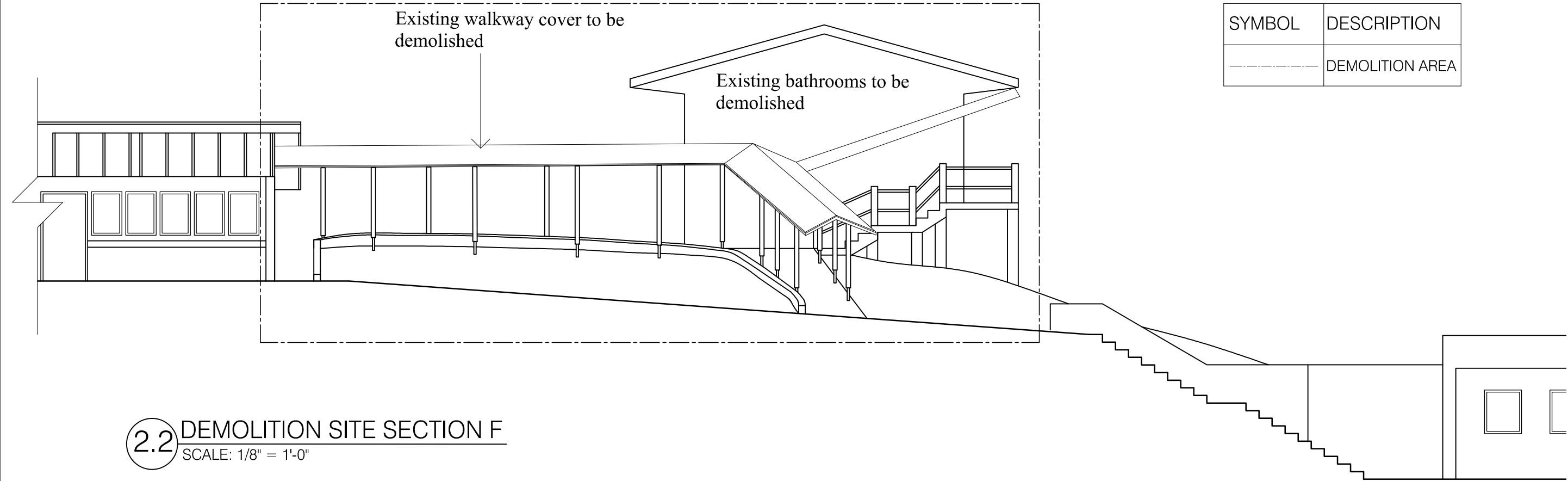
DRAWING
DEMOLITION SITE
PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING A-01
DATE 06/02/2017	REV:
SCALE As Shown	
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CHECKED BY	



2.1 DEMOLITION SITE SECTION E
SCALE: 1/8" = 1'-0"



2.2 DEMOLITION SITE SECTION F
SCALE: 1/8" = 1'-0"

SYMBOL	DESCRIPTION
	DEMOLITION AREA

Revisions

A	MM/DD/YY	-----

	Date	Description
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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
SITE SECTION

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING N
DATE 06/02/2017	A-02
SCALE As Shown	REV:
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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
SITE PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO.
CW-A-MP.0032

DATE
06/02/2017

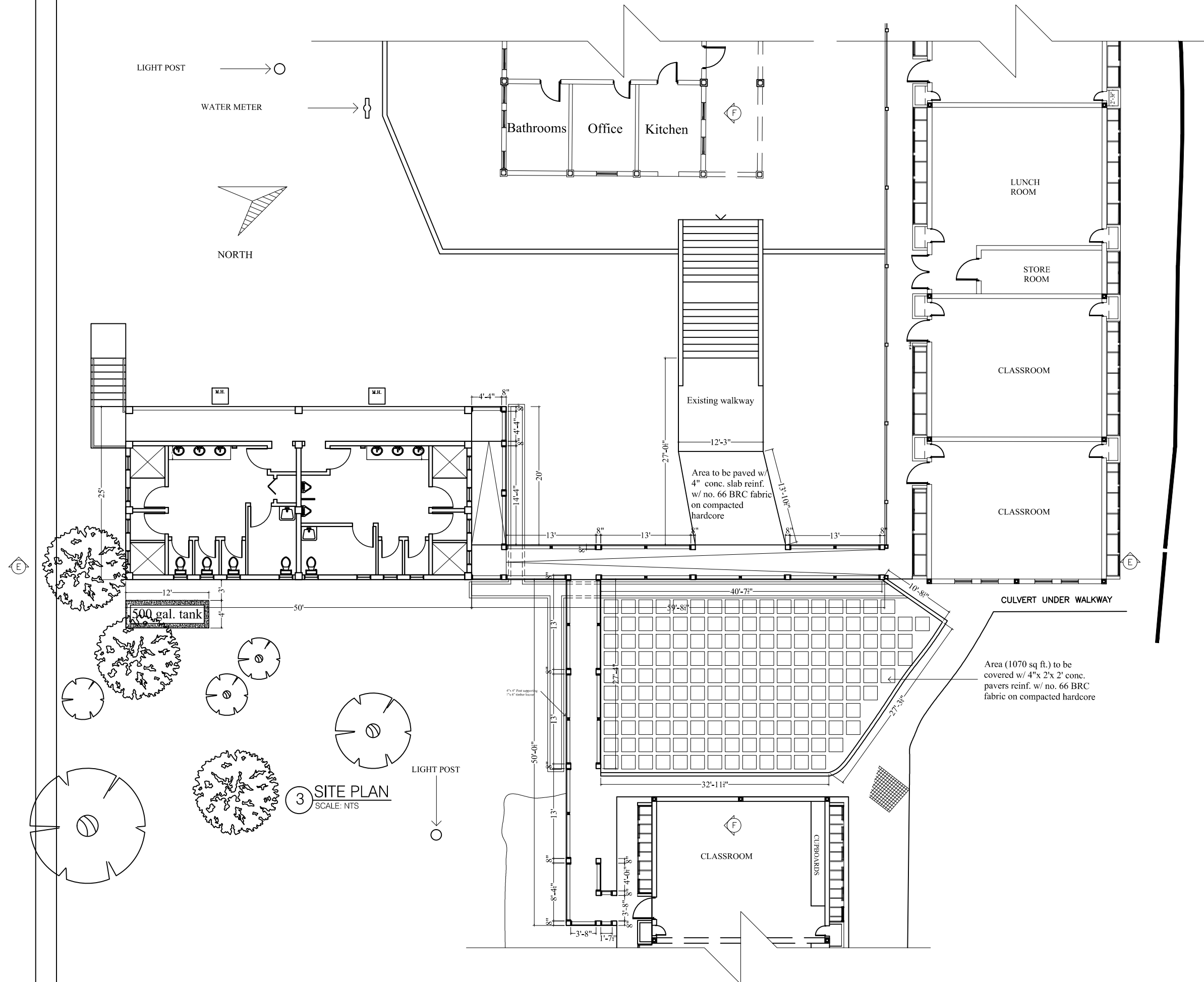
SCALE
As Shown

DRAWN BY
MCWLE

CHECKED BY

DRAWING N
A-03

REV:



Revisions

A	MM/DD/YY	-----
Δ	Date	Descripti

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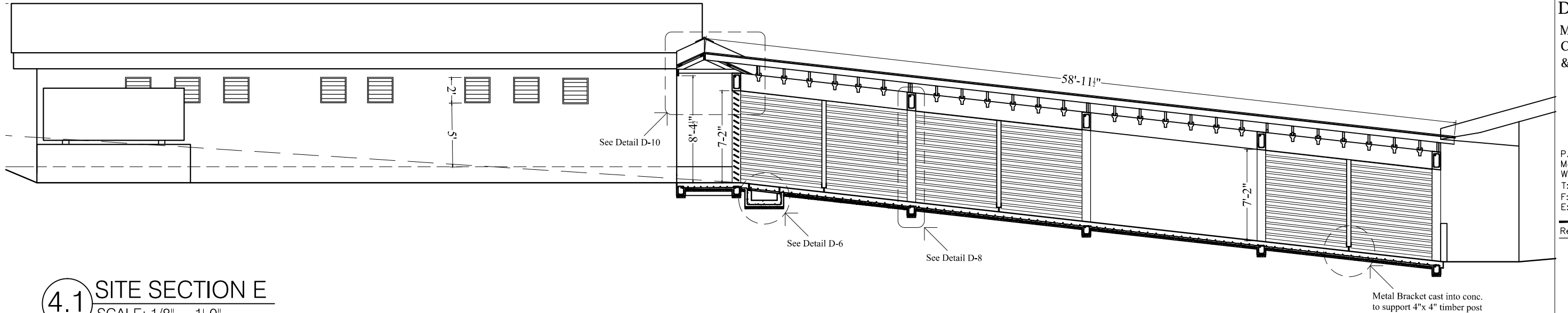
PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
SITE SECTION

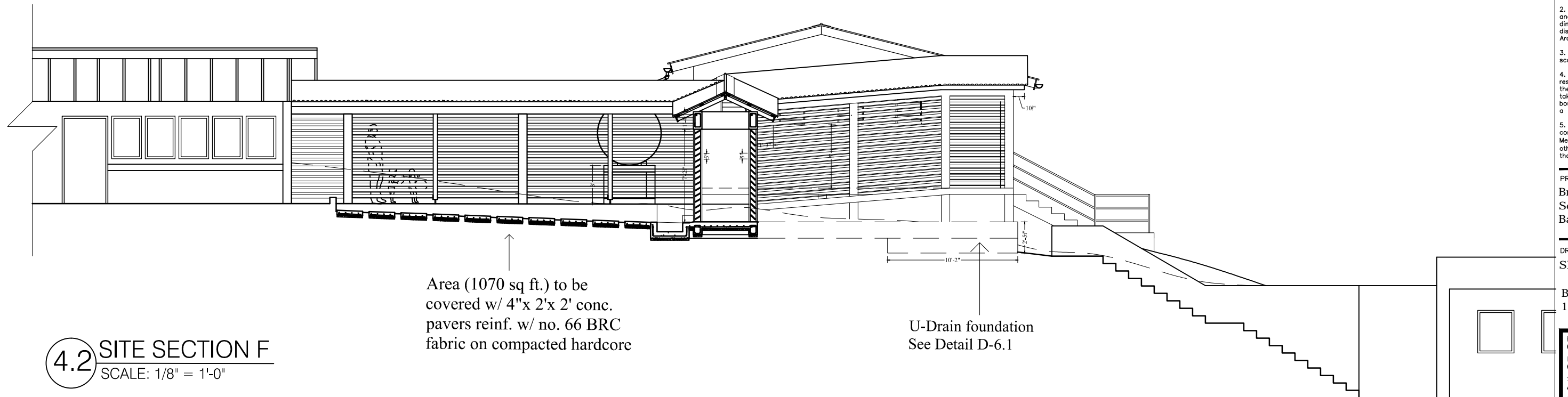
BLOCK/PARCEL
13/7/194

PROJECT NO.
CW-A-MP.0032
DATE
06/02/2017
SCALE
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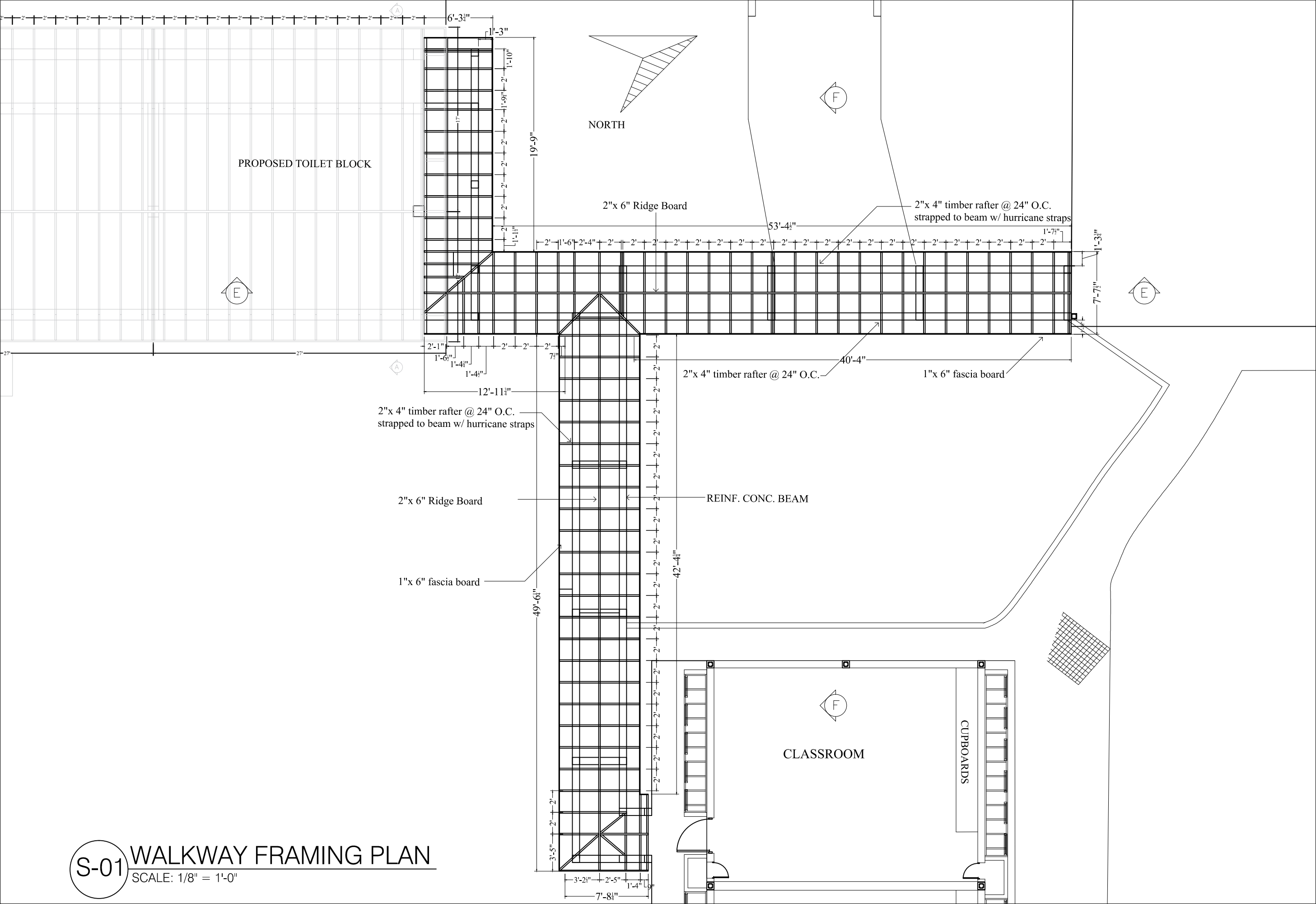
DRAWING
A-04



4.1 SITE SECTION E
SCALE: 1/8" = 1'-0"



4.2 SITE SECTION F
SCALE: 1/8" = 1'-0"



Public Work
Department
Ministry of
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& Works

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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
SITE PLAN


BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. S-01
DATE 06/02/2017	REV:
SCALE As Shown	
DRAWN BY MCWLE	
CHECKED BY	

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PROJECT

Brade's Primary
School New
Bathroom Block

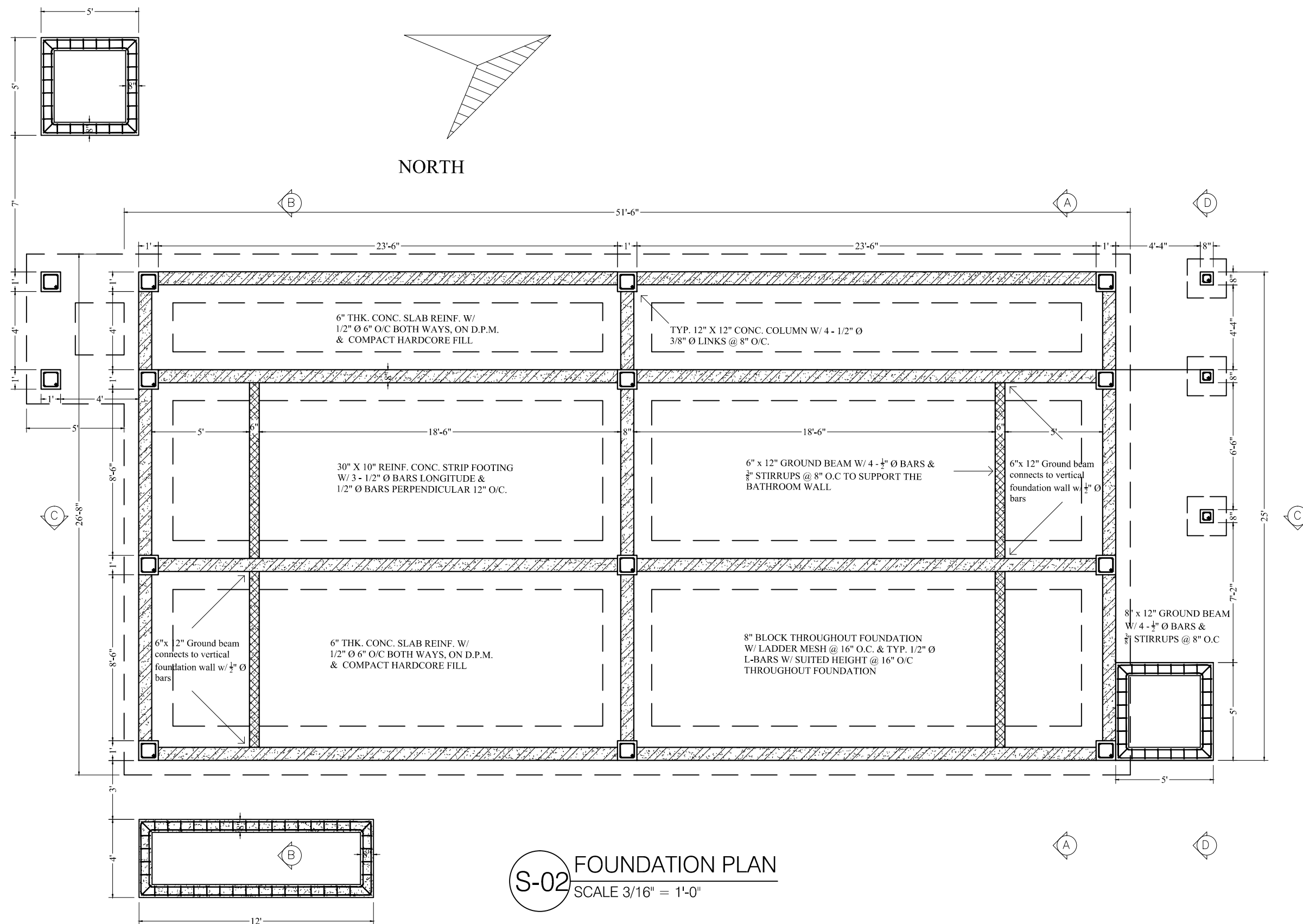
DRAWING

FOUNDATION PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO.
CW-A-MP.0032
DATE
06/02/2017
SCALE
As Shown
DRAWN BY
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CHECKED BY

DRAWING NO
S-02
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PROJECT

Brade's Primary
School New
Bathroom Block

DRAWING

FLOOR PLAN

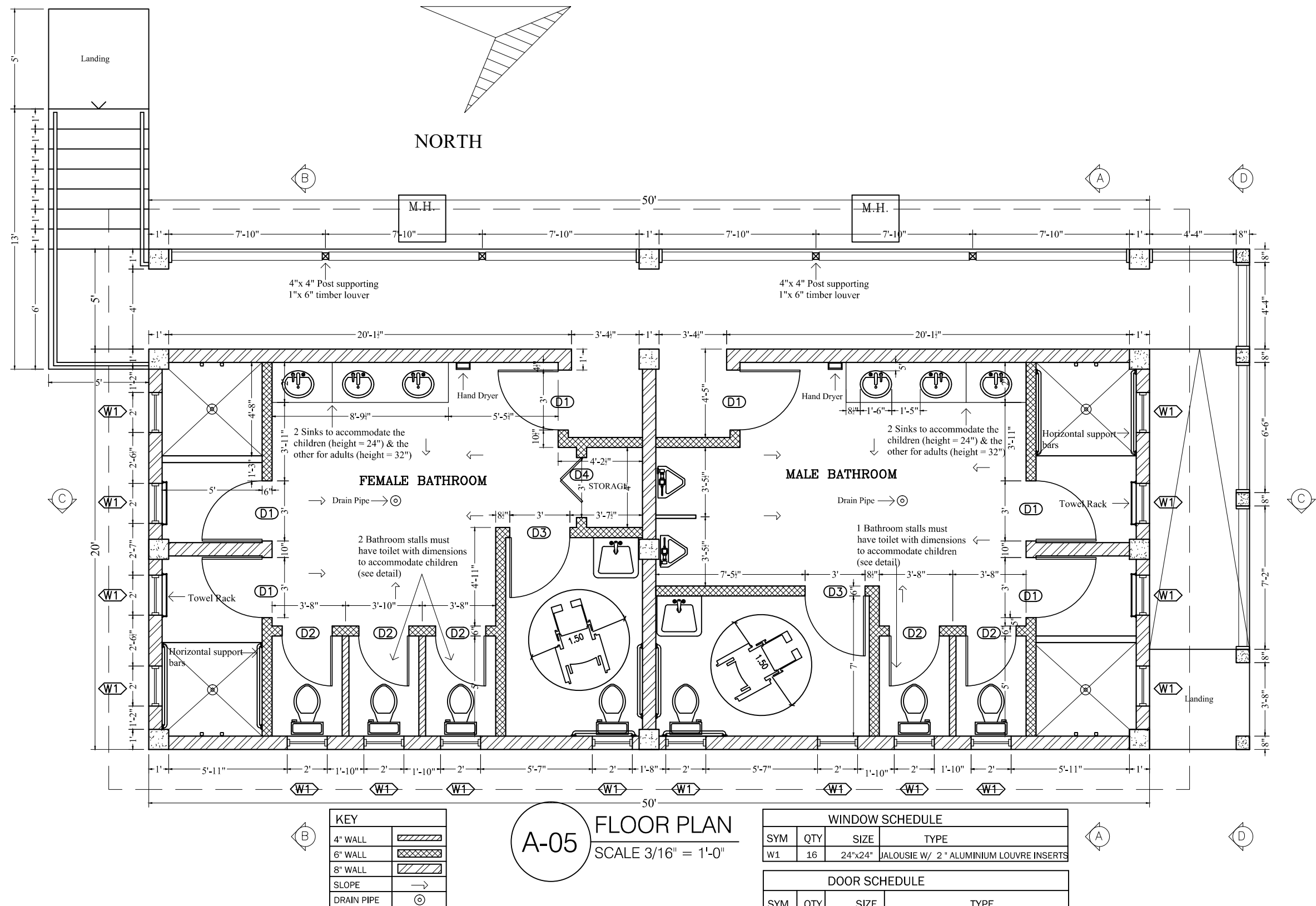
BLOCK/PARCEL
13/7/194PROJECT NO.
CW-A-MP.0032DATE
06/02/2017SCALE
As ShownDRAWN BY
MCWLE

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DRAWING NO.

A-05

REV:



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Revisions

[illegible]

General Notes

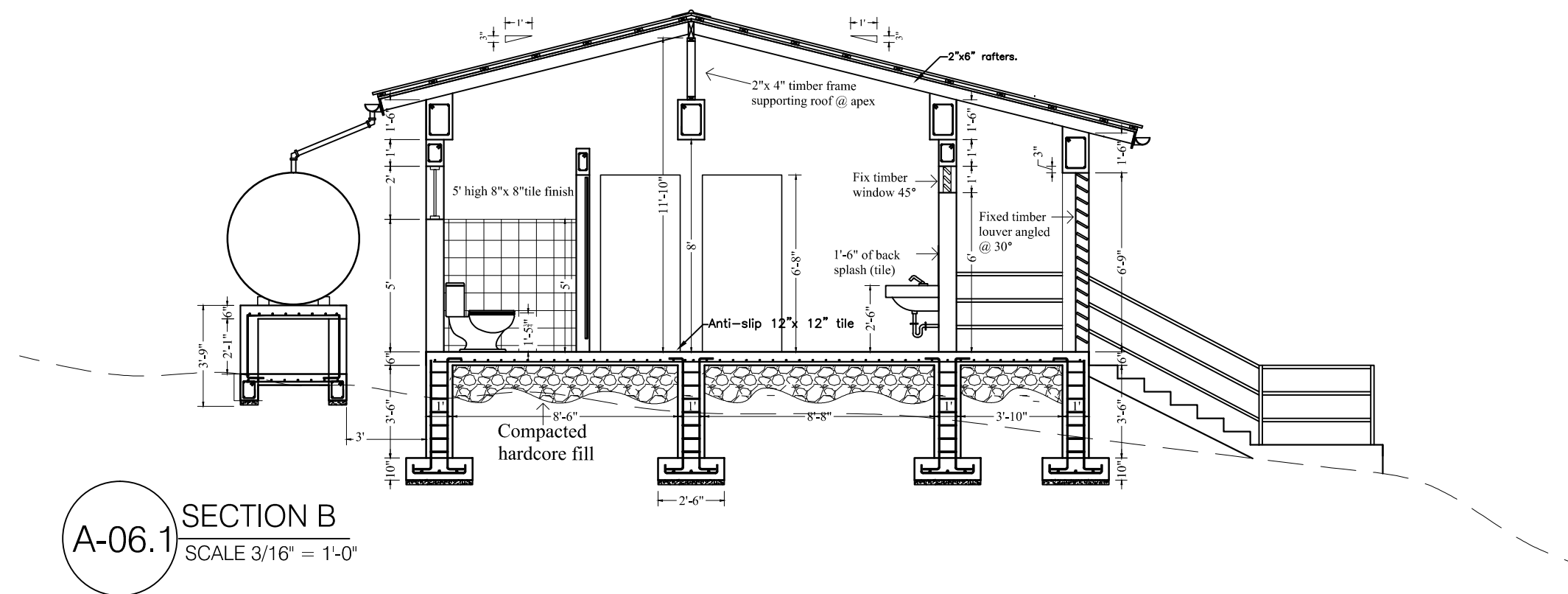
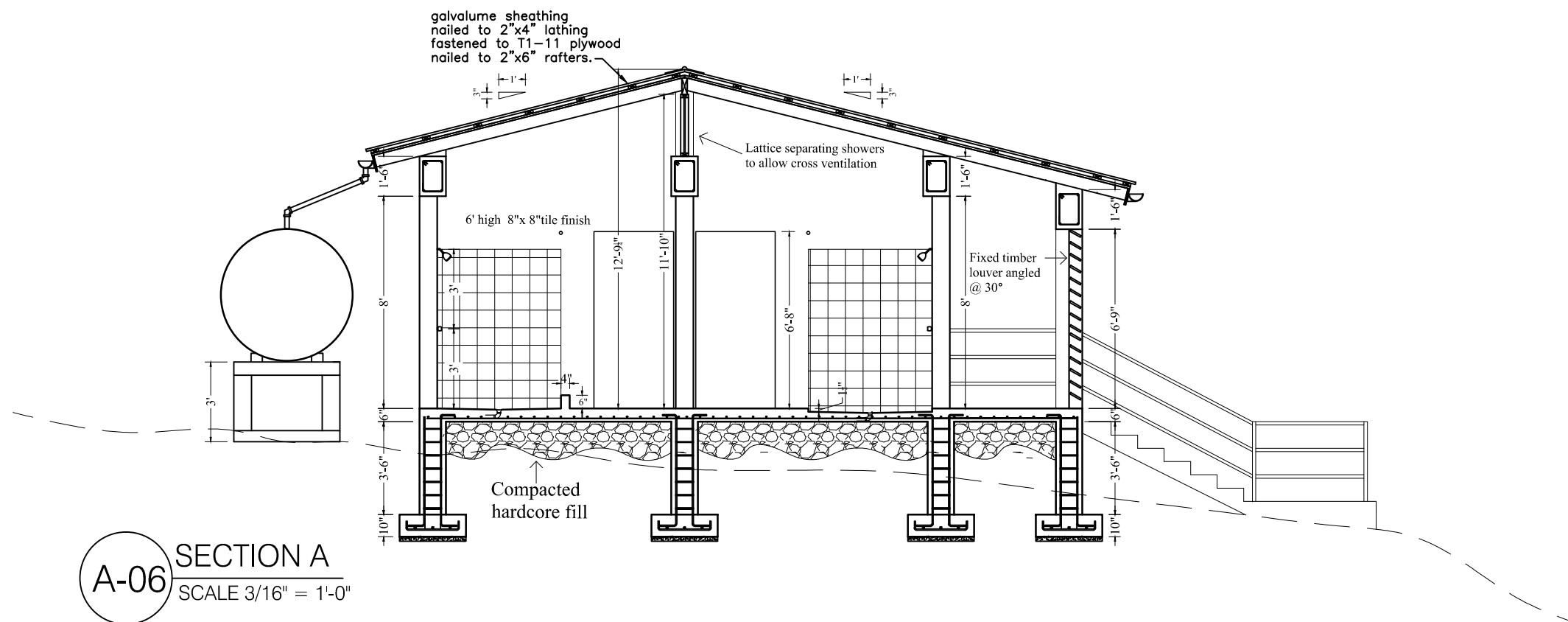
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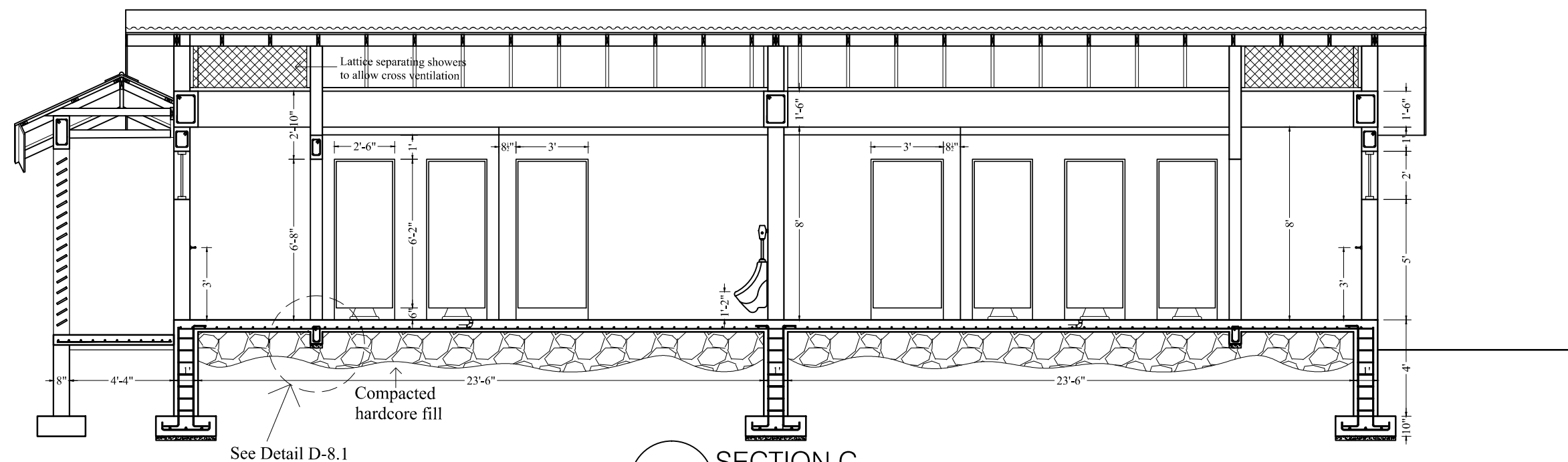
PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
SECTIONS A & B

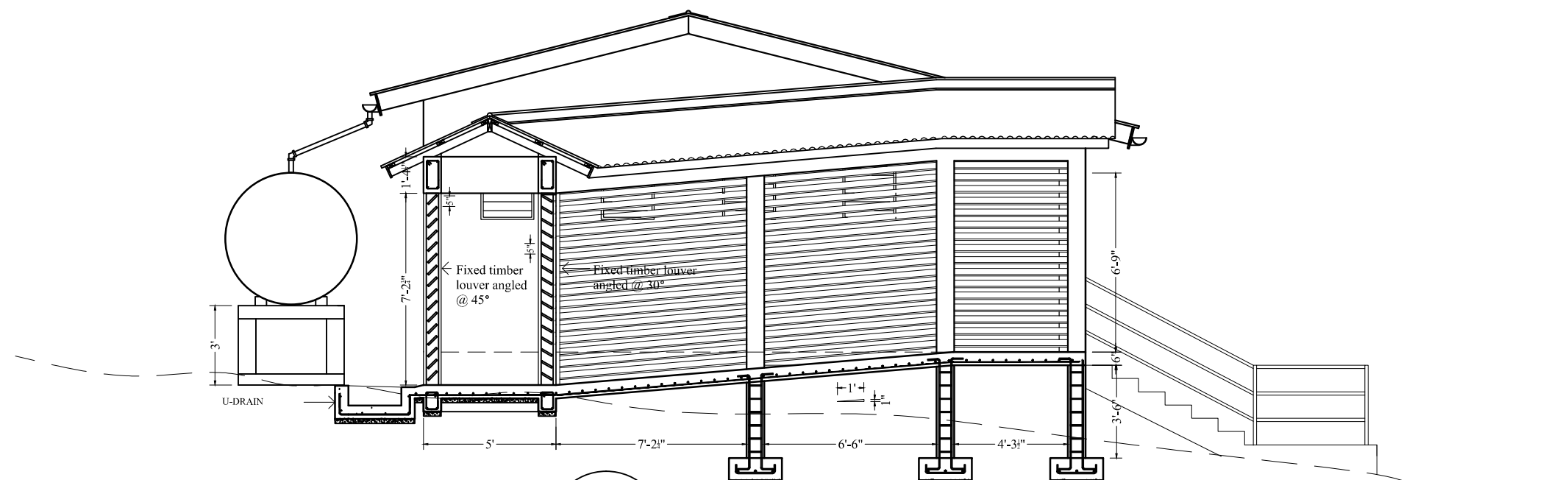
BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	
DATE 06/02/2017	
SCALE As Shown	DRAWING NO. A-06
DRAWN BY MCWLE	
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A-07 SECTION C
SCALE 3/16" = 1'-0"



(A-07.1) SECTION D
SCALE 3/16" = 1'-0"



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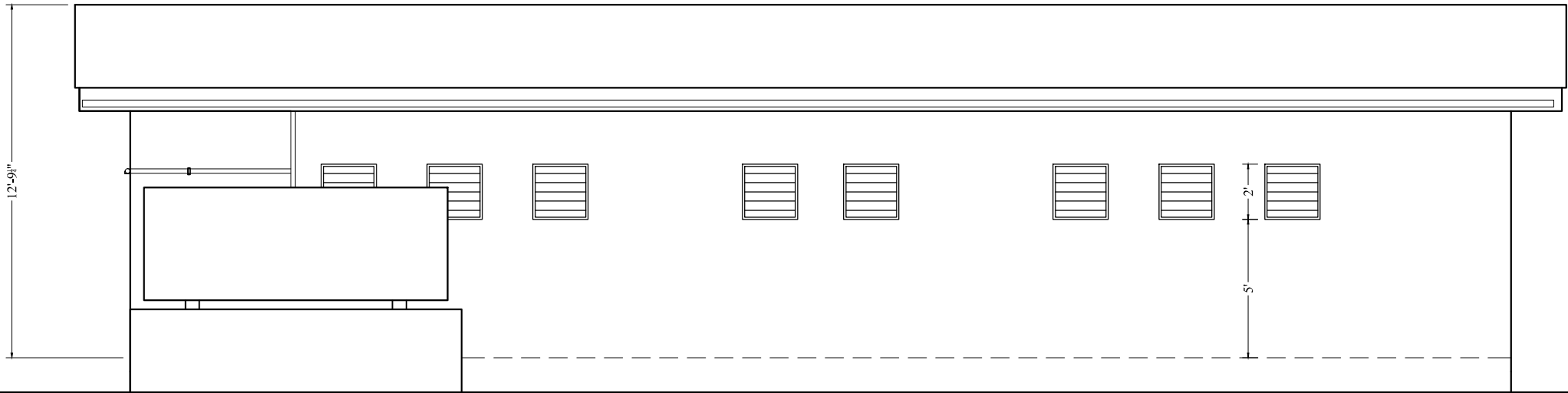
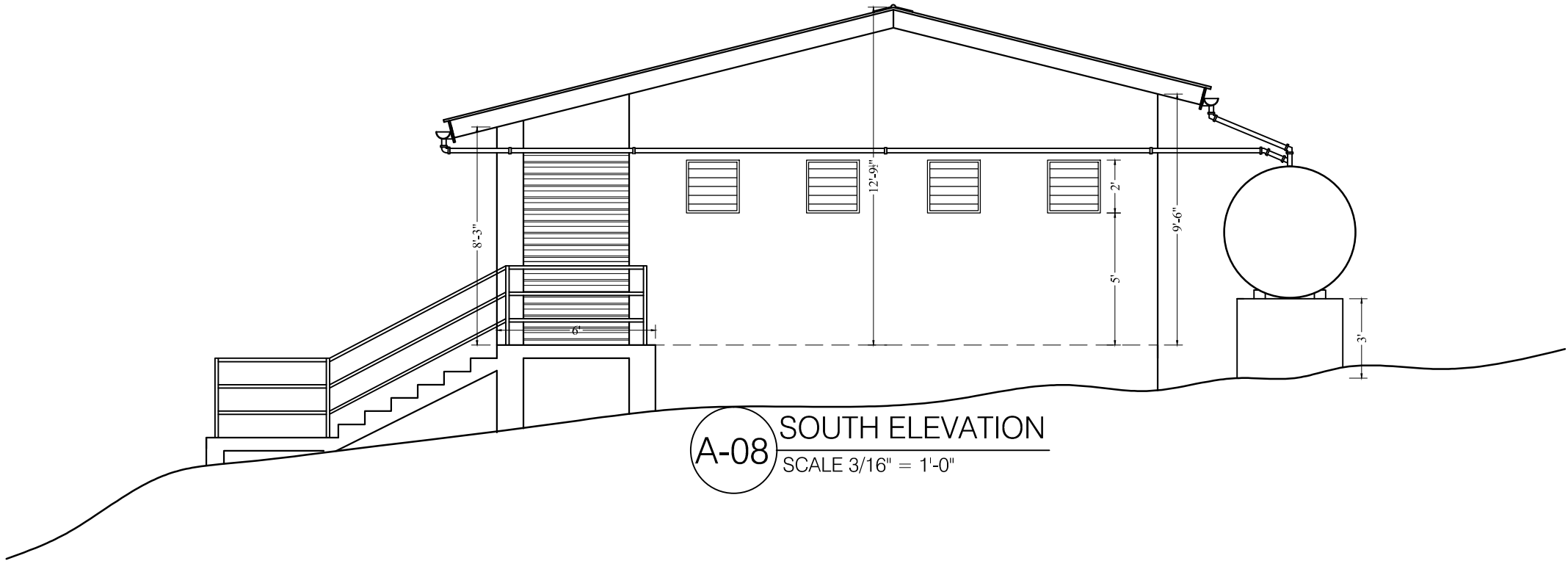
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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
SOUTH & EAST
ELEVATIONS
BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. A-08
DATE 06/02/2017	REV:
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A-08.1 EAST ELEVATION
SCALE 3/16" = 1'-0"



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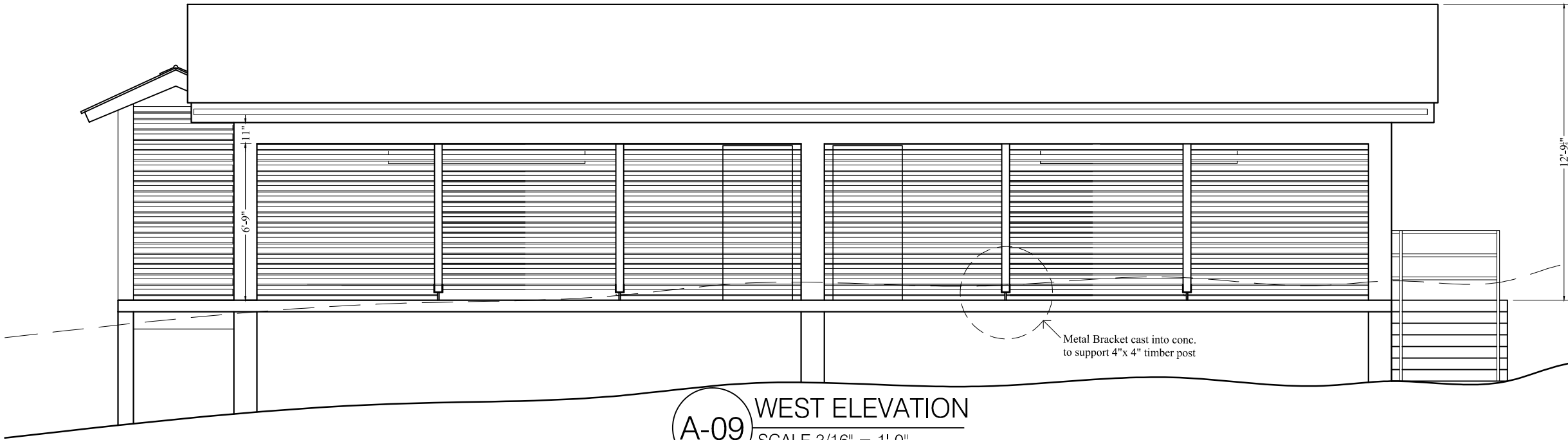
Date	Description
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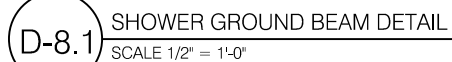
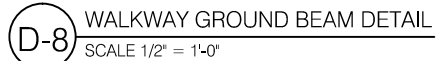
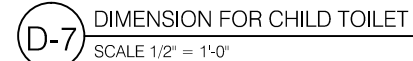
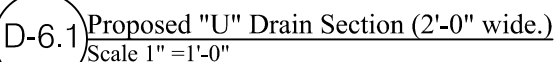
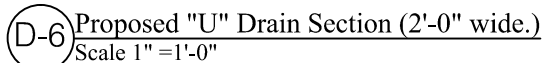
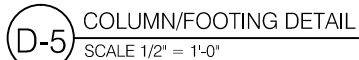
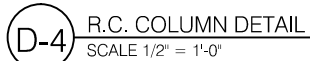
PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
WEST
ELEVATIONS
BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. A-09
DATE 06/02/2017	REV:
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A-09 WEST ELEVATION
SCALE 3/16" = 1'-0"



1

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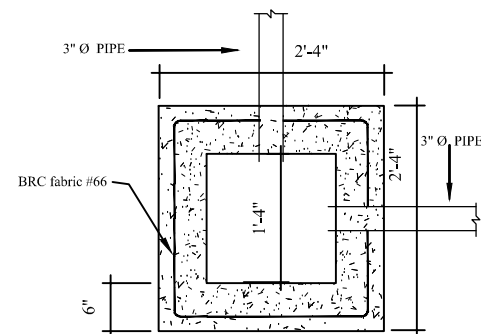
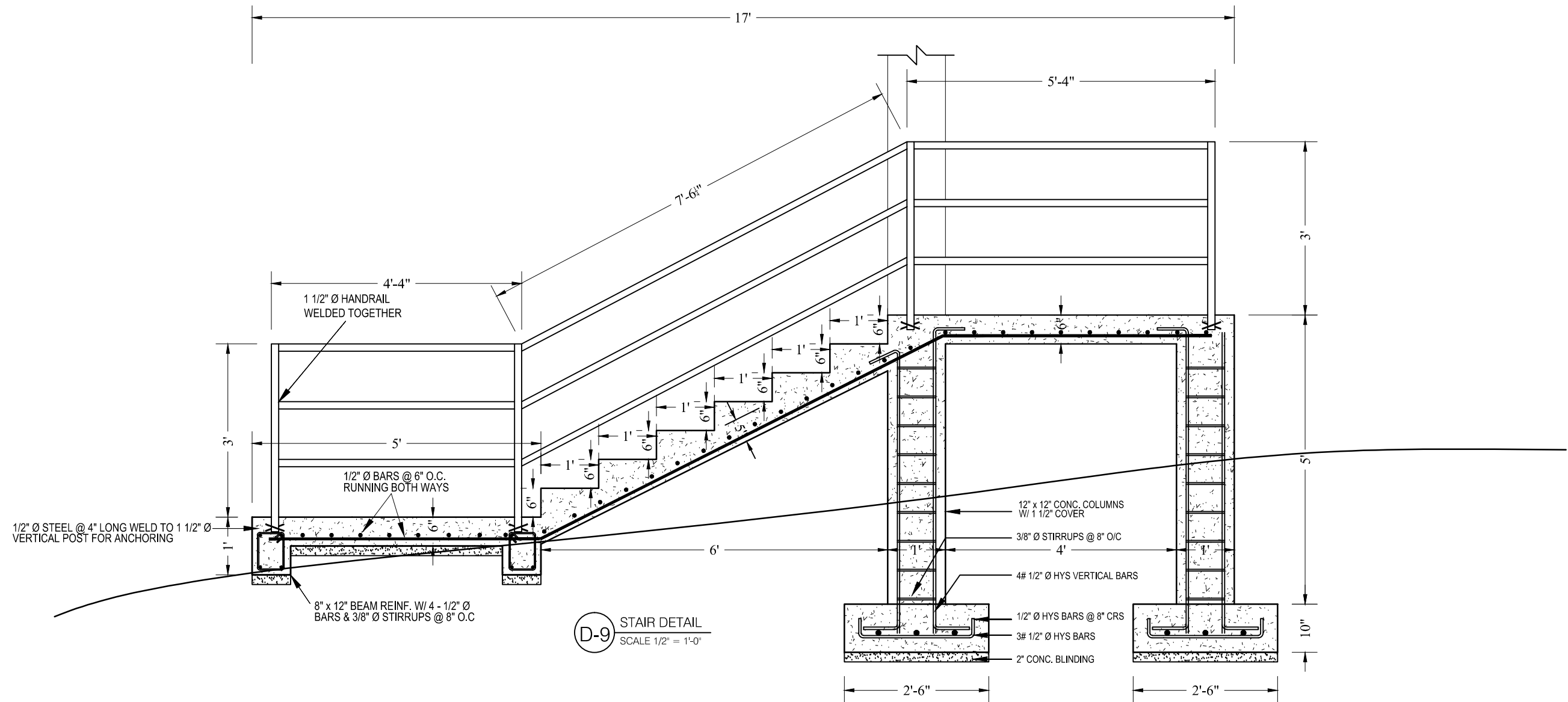
PROJECT

Grade's Primary School New Bathroom Block

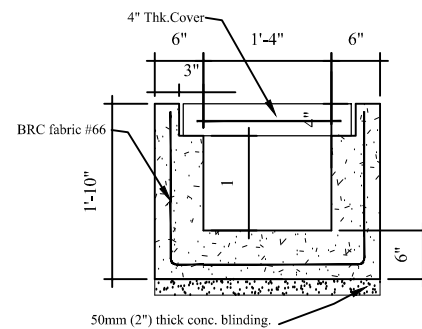
RAWING

STAIR & MANHOLE
DETAILBLOCK/PARCEL
3/7/194

PROJECT NO. CW-A-MP.0032	
DATE 06/02/2017	
SCALE As Shown	DRAWING NO. S-04
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MANHOLE PLAN
Scale 1/2" = 1'-0"



MANHOLE SECTION
Scale 1/2" = 1'-0"



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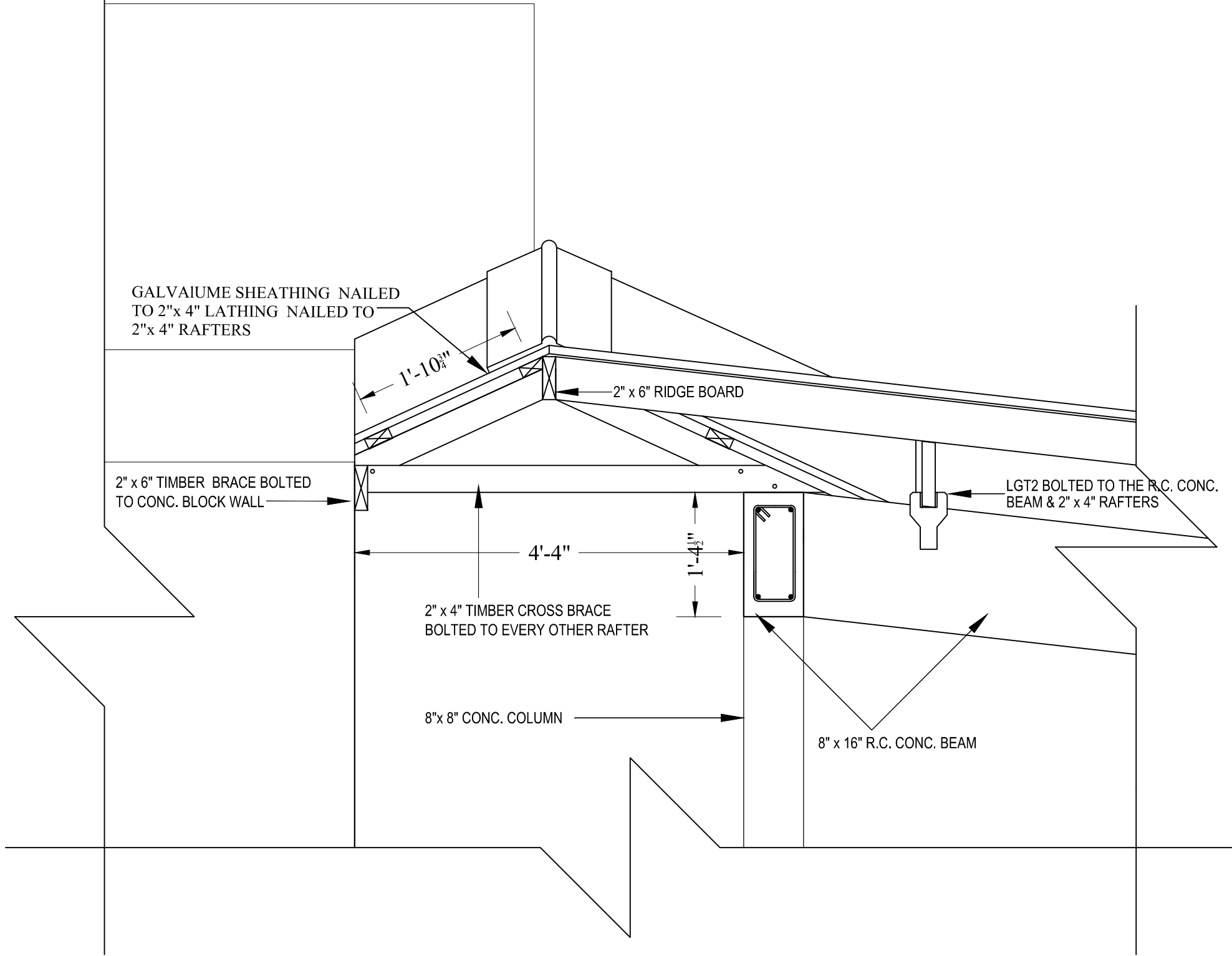
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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
WALKWAY COVER
DETAIL

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. S-05
DATE 06/02/2017	REV:
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D-10 WALKWAY COVER DETAIL
SCALE 3/4" = 1'-0"

Revisions

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	Date	Description

General Notes

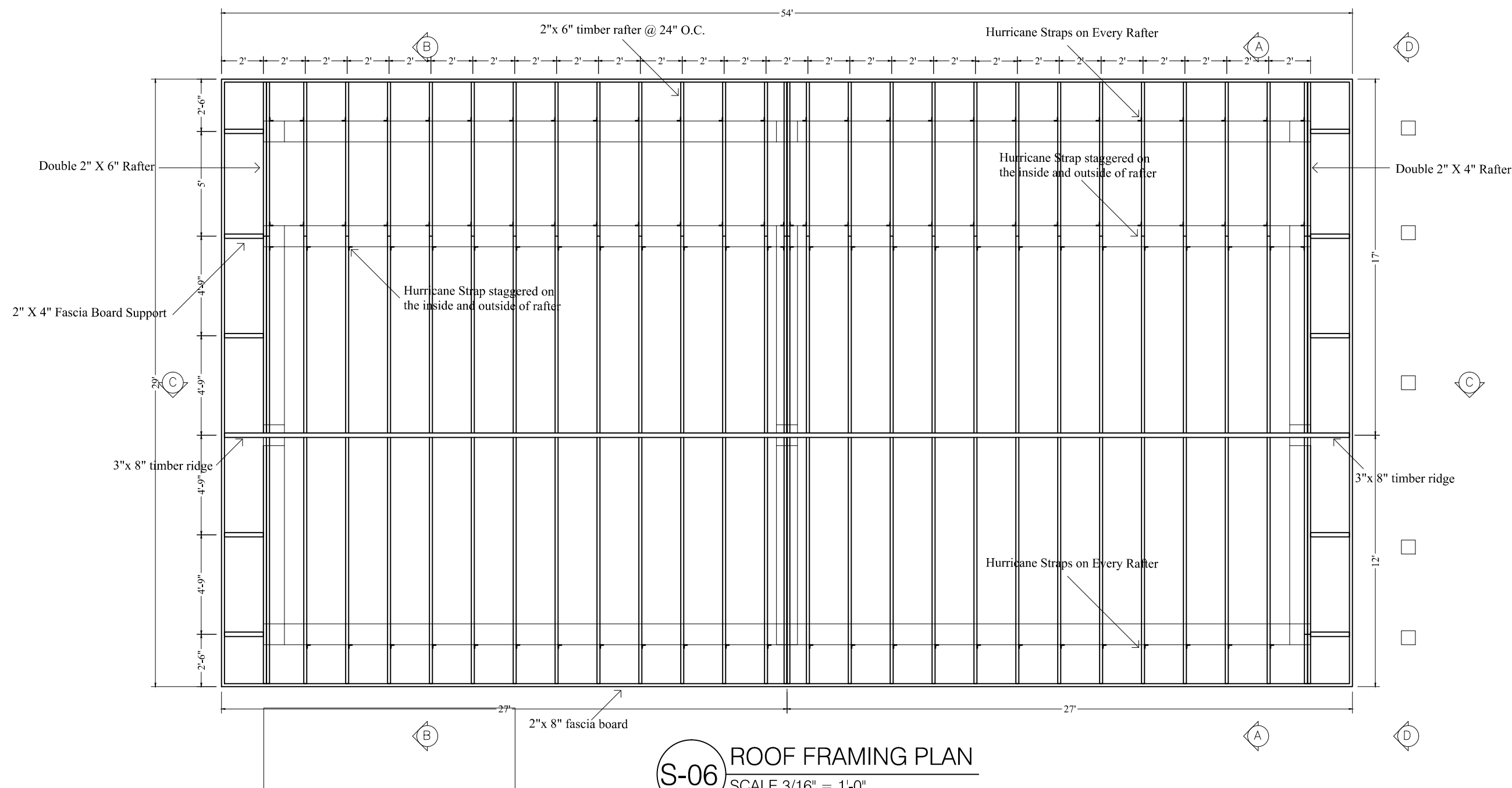
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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
ROOF FRAMING
PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. S-06
DATE 06/02/2017	
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S-06 ROOF FRAMING PLAN
SCALE 3/16" = 1'-0"

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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
ELECTRICAL PLAN

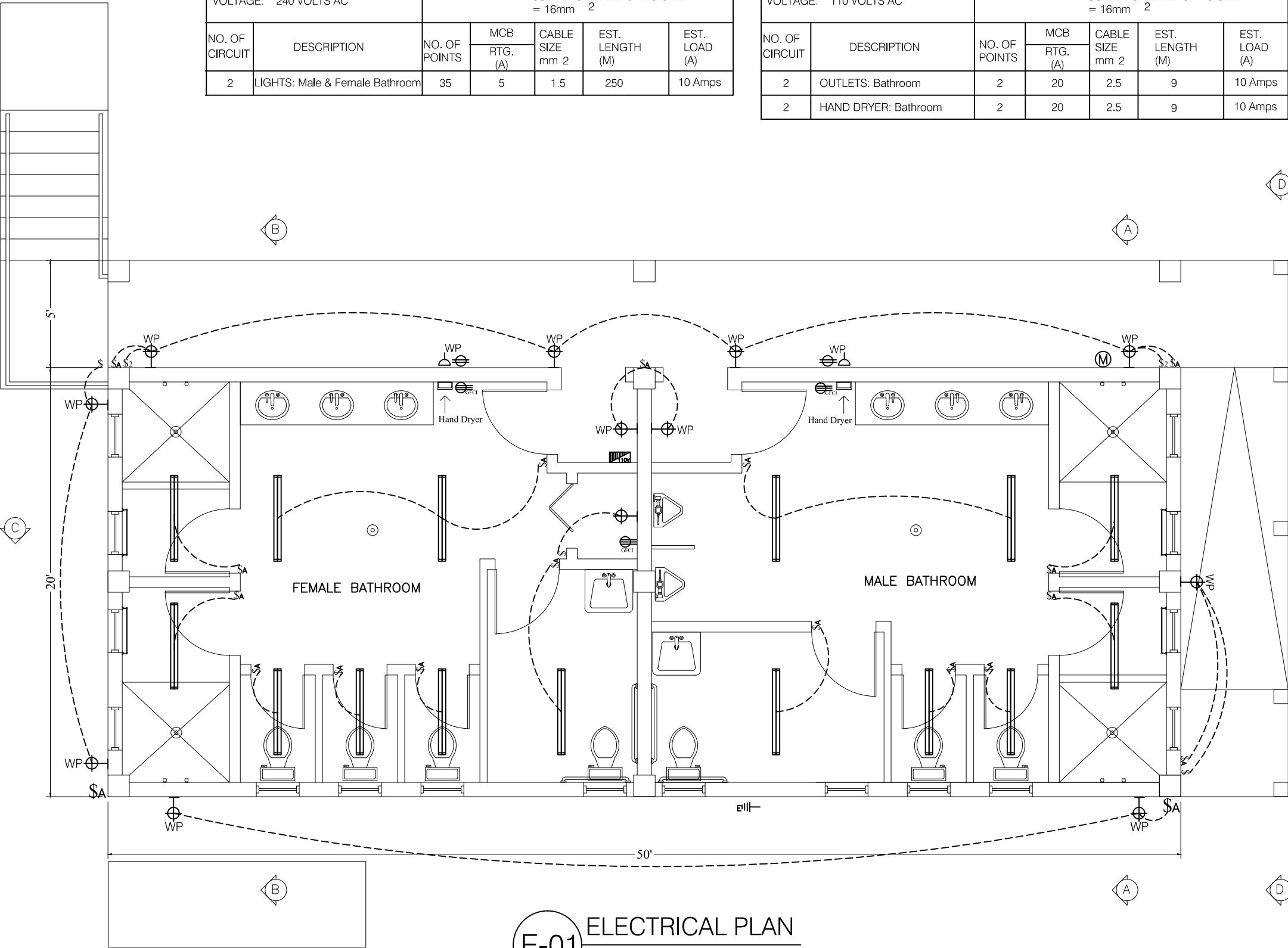
BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. E-01
DATE 06/02/2017	REV:
SCALE As Shown	
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PANEL A CIRCUIT SCHEDULE (Bathroom.)						
TYPE: SPN (TYPE A) 8 WAYS SINGLE PHASE		DESCRIPTION: 240V POWER AND LIGHTING LOCATION: Bathroom SUPPLY FROM: ELECTRICITY METER SUPPLY CALE LENGTH & SIZE = 16mm 2				
ISOLATOR: 100A DP VOLTAGE: 240 VOLTS AC						
NO. OF CIRCUIT	DESCRIPTION	NO. OF POINTS	MCB RTG. (A)	CABLE SIZE mm 2	EST. LENGTH (M)	EST. LOAD (A)
2	LIGHTS: Male & Female Bathroom	35	5	1.5	250	10 Amps

PANEL B CIRCUIT SCHEDULE (Bathroom.)						
TYPE: SPN (TYPE A) 8 WAYS SINGLE PHASE		DESCRIPTION: 110V POWER LOCATION: CLASSROOM SUPPLY FROM: Panel A via 5kva transformer SUPPLY CALE LENGTH & SIZE = 16mm 2				
ISOLATOR: 100A DP VOLTAGE: 110 VOLTS AC						
NO. OF CIRCUIT	DESCRIPTION	NO. OF POINTS	MCB RTG. (A)	CABLE SIZE mm 2	EST. LENGTH (M)	EST. LOAD (A)
2	OUTLETS: Bathroom	2	20	2.5	9	10 Amps
2	HAND DRYER: Bathroom	2	20	2.5	9	10 Amps

SYMBOL	DESCRIPTION
S	SINGLE POLE SWITCH 48" A.F.F
S2	TWO WAY SWITCH 48" A.F.F.
SA	SENSOR SWITCH
GFCI	110V GROUND FAULT CIRCUIT INTERRUPTER
110V OUTLET 18" A.F.F	
220V OUTLET 18" A.F.F	
WP	WALL MOUNTED FIXTURE WEATHER PROTECTED
4ft. FLUORESCENT FIXTURE	
4ft. LED PHOTO CELL FLUORESCENT FIXTURE	
220V DISTRIBUTION PANEL	
110V DISTRIBUTION PANEL	
EARTHING - 6' x 1/2"Ø COPPER ROD	
M	MONLEC METER AND FUSE



E-01 ELECTRICAL PLAN
SCALE 3/16" = 1'-0"

Revisions

A	MM/DD/YY	-----
Δ	Date	Description

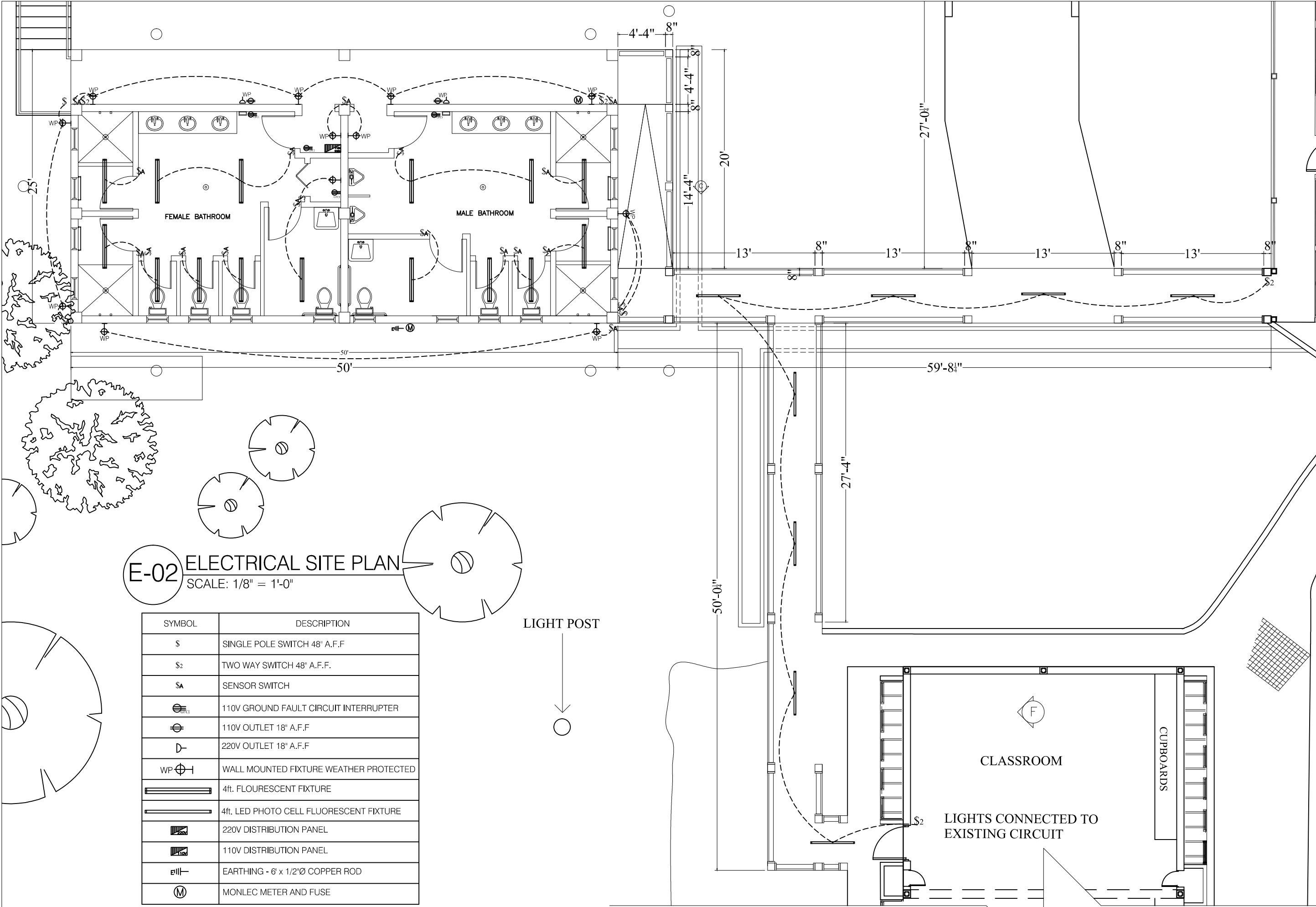
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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
ELECTRICAL SITE
PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. E-02
DATE 06/02/2017	REV:
SCALE As Shown	
DRAWN BY MCWLE	
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E-02 ELECTRICAL SITE PLAN
SCALE: 1/8" = 1'-0"

SYMBOL	DESCRIPTION
\$	SINGLE POLE SWITCH 48" A.F.F
\$2	TWO WAY SWITCH 48" A.F.F.
SA	SENSOR SWITCH
⊕	110V GROUND FAULT CIRCUIT INTERRUPTER
⊕	110V OUTLET 18" A.F.F
D	220V OUTLET 18" A.F.F
WP ⊕	WALL MOUNTED FIXTURE WEATHER PROTECTED
⎓	4ft. FLOURESCENT FIXTURE
⎓	4ft. LED PHOTO CELL FLUORESCENT FIXTURE
⎓	220V DISTRIBUTION PANEL
⎓	110V DISTRIBUTION PANEL
⎓	EARTHING - 6' x 1/2"Ø COPPER ROD
M	MONLEC METER AND FUSE

LIGHT POST



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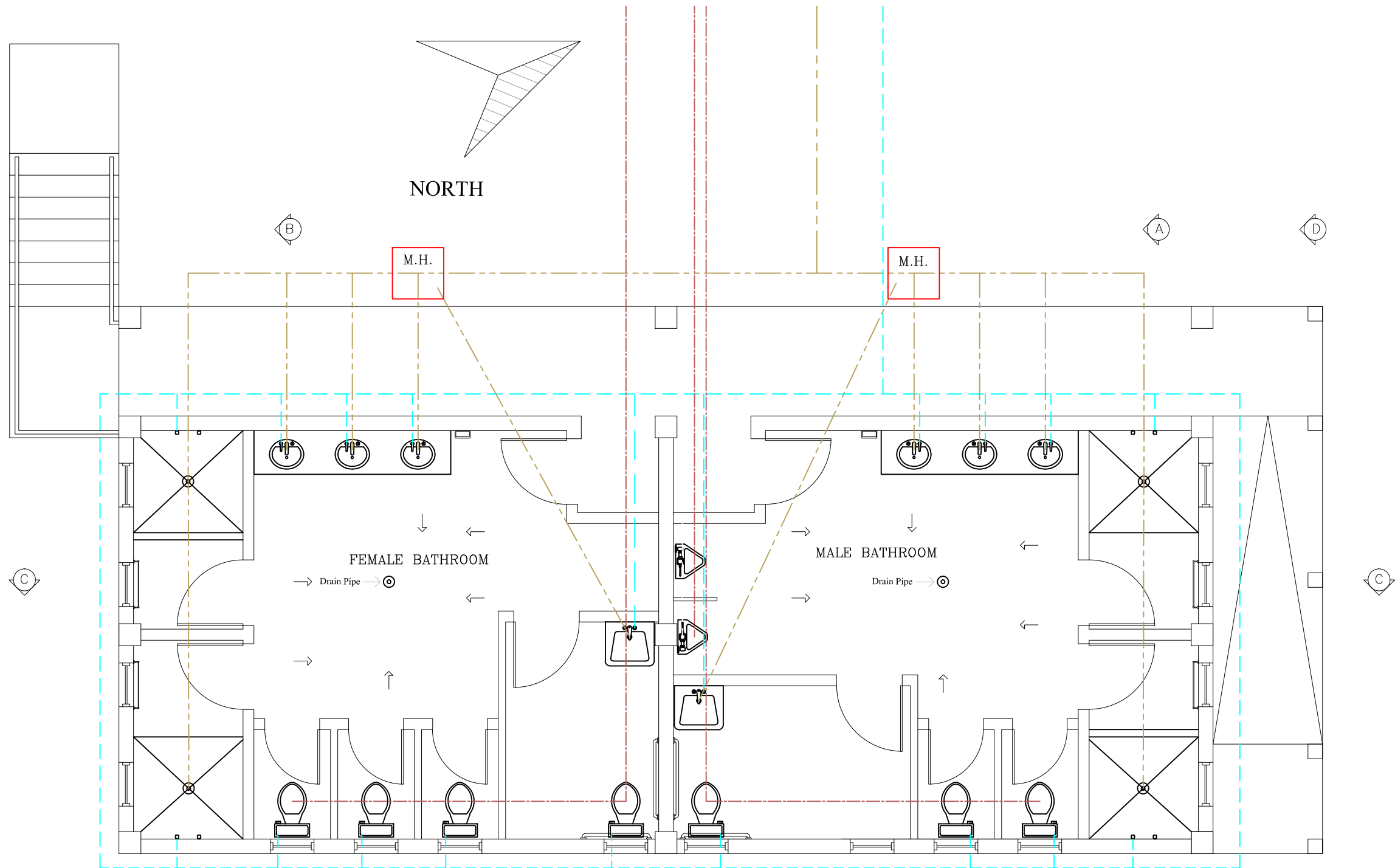
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PROJECT
Brade's Primary
School New
Bathroom Block

DRAWING
PLUMBING PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. P-01
DATE 06/02/2017	REV:
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500 gal. tank

P-01 PLUMBING PLAN
SCALE 3/16" = 1'-0"

SYMBOL	DESCRIPTION
	COLD WATER 1/2" Ø PIPE
	GREY WATER 3" Ø PIPE
	BLACK WATER 4" Ø PIPE
	DRAIN 3" Ø PIPE
	SLOPE
M.H.	MANHOLE

A	Date MM/DD/YY	Description

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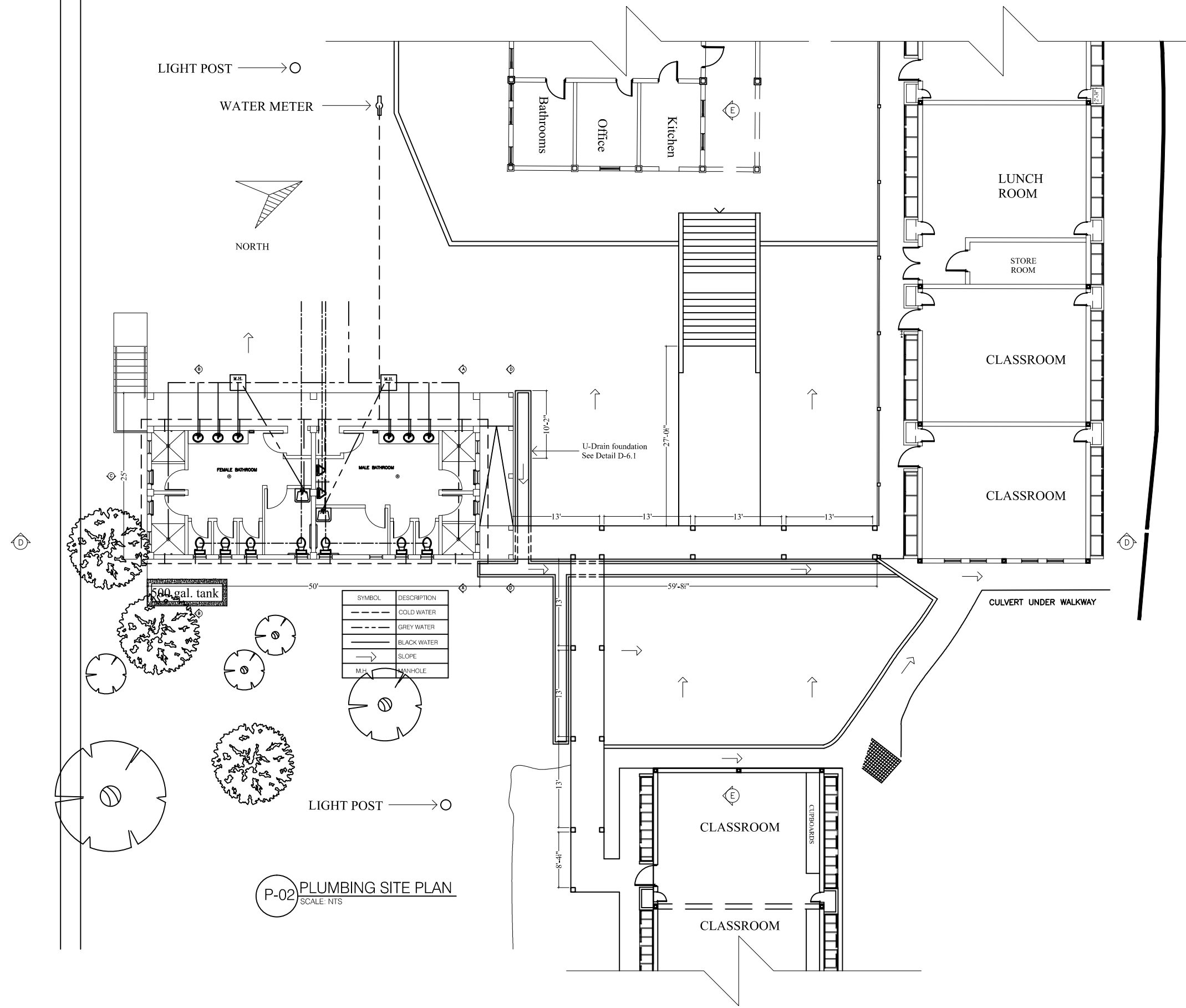
Brade's Primary
School New
Bathroom Block

DRAWING

PLUMBING SITE PLAN

BLOCK/PARCEL
13/7/194

PROJECT NO. CW-A-MP.0032	DRAWING NO. P-02
DATE 06/02/2017	
SCALE As Shown	
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P-02 PLUMBING SITE PLAN
SCALE: NTS