

SECTION 00 65 16 - CERTIFICATE OF SUBSTANTIAL COMPLETION

Owner:	City of Dalton, GA	Owner's Contract No.:	N/A
Contractor:	Astra Group, Inc.	Contractor's Project No.:	
Engineer:	Barge, Waggoner, Sumner and Cannon, Inc.	Engineer's Project No.:	36237-02
Project:	Haig Mill Lake Park	Contract Name:	

This Tentative Certificate of Substantial Completion applies to:

☒ All Work ☐ The following specified portions of the Work:

September 6, 2018

Date of Substantial Completion

The Work to which this Certificate applies has been inspected by authorized representatives of Owner, Contractor, and Engineer, and found to be substantially complete. The Date of Substantial Completion of the Work or portion thereof designated above is hereby established, subject to the provisions of the Contract pertaining to Substantial Completion. The date of Substantial Completion in the final Certificate of Substantial Completion marks the commencement of the contractual correction period and applicable warranties required by the Contract.

A punch list of items to be completed or corrected is attached to this Certificate. This list may not be all-inclusive, and the failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract.

The responsibilities between Owner and Contractor for security, operation, safety, maintenance, heat, utilities, insurance, and warranties upon Owner's use or occupancy of the Work shall be as provided in the Contract, except as amended as follows: *[Note: Amendments of contractual responsibilities recorded in this Certificate should be the product of mutual agreement of Owner and Contractor; see Paragraph 15.03.D of the General Conditions.]*

Amendments to Owner's responsibilities:

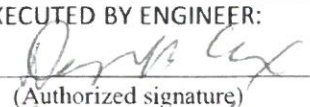
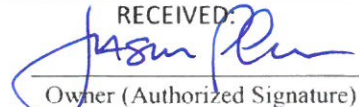
☒ None
☐ As follows

Amendments to Contractor's responsibilities:

☒ None
☐ As follows:

The following documents are attached to and made a part of this Certificate: *[punch list;]*

This Certificate does not constitute an acceptance of Work not in accordance with the Contract Documents, nor is it a release of Contractor's obligation to complete the Work in accordance with the Contract

EXECUTED BY ENGINEER:		RECEIVED:		RECEIVED:	
By:		By:		By:	
	(Authorized signature)		Owner (Authorized Signature)		Contractor (Authorized Signature)
Title:	PROJECT MANAGER	Title:	City Administrator	Title:	
Date:	9/6/2018	Date:	9-7-2018	Date:	

Certificate of Occupancy

Temporary 30 Days
Department of Code Enforcement
Building Inspection

This certificate issued pursuant to the requirements of the International Building Code certifying that at the time of issuance this structure was in compliance with the various ordinances of the jurisdiction regulating building construction or use. For the following:

Permit Type	Commercial new building	Bldg. Permit No.	180294
Owner	Astra Group, INC	Contractor	
Subdivision/Project	(1) Outdoor Classroom/Restroom, (1) Restroom/Concession Bldg (1) Maintenance Bldg	Date Issued	9/6/2018

652 Haigmill Rd
Dalton, Georgia 30721

Lot #

Location



Bill Todd
Authorized Signature

Not Transferable
POST IN A CONSPICUOUS PLACE



August 29th, 2018

Mike Miller
City of Dalton, Parks and Recreation Department
904 Civic Dr.
Dalton, GA 30721

PROJECT: Haig Mill Lake Park

REF: Substantial Completion Certificate

Dear Mike,

As of August 29th, 2018, Astra considers the Haig Mill Lake Park project to be Substantially Complete. This is our formal request for the City of Dalton Parks and Recreation Department and Barge Design Solutions to issue a Certificate of Substantial Completion.

Completion Items are scheduled as listed below:

- Installation of Concession Service Window – September 5th, 2018
- Installation of Floating Buoys at Outflow Structure – September 5th, 2018
- Completion of Landscaping per Revised Landscaping Drawing – September 7th, 2018
- Video Inspection of Sewer Lines – September 4th, 2018
- Power-Up of Pump Station – September 4th, 2018

Once all completion items are completed, we will be requesting the release of retainage.

Additionally, we would like to request a formal punch list for final completion. We would like to set this punch walk meeting for Tuesday, September 4th, 2018 with completion of the punch list by Friday, September 14th, 2018.

If you have any questions or concerns regarding the above request, please let us know in writing.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jay Marjenhoff', is written over a horizontal line.

Jay Marjenhoff
Astra Group, Inc.

CC: Allen Eison, Andrew Lindsay, Travis Davenport, Andy Carr, Doye Cox, John Brown, Matt Stovall, Josh Scott, Jonathan Melton, Steve Knoblett, Joe Fugatt

Astra Group, Inc.
Specialty Contractors

John Brown

From: Christopher Hester <chester@whitfieldcountyga.com>
Sent: Tuesday, September 04, 2018 11:37 AM
To: Jay Marjenhoff
Cc: Gary Hutchison; Rrcontractors@windstream.net; Greg L. Williams; Mike Miller; Travis Davenport; Jim Mullen; John Brown
Subject: RE: Haig Mill Lake Park Certificate of Occupancy

Jay,

As I understand Jeremy Reed is redressing the water quality pond Wednesday. We took a look at the WQ units on July 30 and they still needed some work at that time. As I understand from Jeremy all of the inlets have been cleaned out. Our inspector, Gary Hutchison will be out at the end of the day tomorrow to re inspect. I really would like to have a copy of the as built prior to our inspection. Jeremy indicated that the as built had been turned in to Astra. Please forward a copy as soon as you can.

To release the certificate of occupancy for stormwater, we need the following:

1. WQ unit A-2 needs the brick around the inlet pipe to be grouted on the inside of the structure. (I spoke with Jeremy and he would take care of this on Wednesday.)
2. Complete and accurate as-built survey of the water quality pond.
3. As built certification from the engineer of record certifying the as built condition meets the design or any changes are acceptable.
4. Satisfactory as built inspection by our department.

Also, the NPDES Construction Permit was signed by Dalton Parks and Recreation Department. I will contact Mike Miller regarding the close out of this permit. This cannot be closed until all the permanent grassing is established and all temporary erosion control measures have been removed.

Please let me know if you have any questions.

Sincerely,

Chris Hester

Stormwater Coordinator
Whitfield County
706.281.1768 - Office
706.876.2512 - Direct
chester@whitfieldcountyga.com

From: Jay Marjenhoff [mailto:jmarjenhoff@astragroupinc.com]
Sent: Wednesday, August 29, 2018 11:39 AM
To: Christopher Hester <chester@whitfieldcountyga.com>
Subject: Haig Mill Lake Park Certificate of Occupancy

Chris,

As you may know, Haig Mill Lake Park is nearing completion and I was wondering what was needed for a Certificate of Occupancy. Can you help me with this?

Jay Marjenhoff

Assistant Project Manager



Expertise to Deliver

T: 770 992-9300 x 129

C: 678-978-0012

Email: jmarjenhoff@astragroupinc.com

www.astragroupinc.com



SITE OBSERVATION REPORT

Date of Observation: 8/31/2018
Location: Dalton, GA
Project Name: Haig Mill Lake Park
Contractor: ASTRA
Barge Project No.: 36237-02

OBSERVATIONS: The following items/ deficiencies were noted for correction during the site observation by Barge staff on 8/31/2018. The locations of the items are depicted with circled numbers corresponding to the item descriptions on the site observation key plans S01-S03 included in this observation report.

1. No seed growth observed on slopes. Over-seed, straw and fertilize.
2. **Remove rock, trash, and debris (site-wide).**
3. **Smooth out concrete inlet throat surface (site-wide).**
4. Caulk expansion joints around inlet.
5. **Remove weeds from sod (site-wide).**
6. Replace dead sod.
7. Remove weeds around inlet.
8. **Pressure wash and clean asphalt (site-wide).**
9. Replace 17 dead pennisetums (*Pennisetum alopecuroides* 'Hameln').
10. Replace 3 defoliated abelias (*Abelia x grandiflora* 'Rose Creek').
11. Remove weeds from plant bed.
12. Itea (*Itea virginica* 'Henry's Garnet') planted in place of fothergilla (*Fothergilla gardenia* 'Blue Mist').
13. Remove suckers on magnolia trees.
14. Replace column caps with Sequatchie Blue Stone.
15. Itea (*Itea virginica* 'Henry's Garnet') planted in place of fothergilla (*Fothergilla gardenia* 'Blue Mist').
16. Replace damaged abelia (*Abelia x grandiflora* 'Rose Creek').
17. Replace 7 dead pennisetums (*Pennisetum alopecuroides* 'Hameln') in front of sign.
18. Replace dead magnolia, replant behind sign at orange flag. Coordinate with Landscape Architect on location.
19. No seed growth observed. Remove rocks, over-seed, straw and fertilize.
20. Remove weeds from sod.
21. Sandblast lettering on stone sign.

22. Install sod along road after smoothing topsoil.
23. Repair water valve box.
24. **Remove/replace dead and unacceptable trees marked with pink flagging (site-wide).**
25. Add topsoil and sod along left side of road.
26. Sparse seed growth, over-seed, straw and fertilize.
27. Remove brush and limbs from edge of woods.
28. Cut and remove leaning pine tree.
29. Replace defoliated magnolia.
30. Remove concrete debris and rocks beside walk.
31. **Pressure wash/clean concrete (site-wide).**
32. Install inlet protection over grate.
33. Smooth out ruts prior to sodding or seeding.
34. Remove rocks and debris.
35. Minimal seed growth; over-seed, straw and fertilize.
36. Install interpretive sign next to pond.
37. Regrade pond and construct forebay as designed and discussed modifications.
38. Remove weeds on slope and pond.
39. Backfill behind large headwall.
40. Retrofit outlet structure to final design.
41. Dress up grade and remove rocks around headwall.
42. City to add mulch to define walking path.
43. Replant plants in and around pond after final grading of pond is complete and approved by LA.
44. Remove rocks, gravel, and debris around transformer; add topsoil and sod.
45. Remove fallen trees flagged with pink flagging.
46. Remove concrete rubble pile.
47. **Remove broken limbs, logs, orange fencing, and concrete rubble from edge of woods (site-wide).**
48. Remove trash, staking and silt log from edge of woods on top of hill.
49. Cut and remove broken tree with pink flagging.
50. Remove logs, staking, orange tree save fencing, trash and debris from tree save area.
51. Bottom rail does not match curve of top rail. Adjust rail to match top rail.
52. **Kill weeds in plant beds (site-wide).**
53. Mulch depth is not 3" as specified. Add mulch to meet 3" depth.
54. Replace defoliated fringe trees marked with pink flagging.
55. Remove rocks and debris from slope, kill weeds, reseed, straw, and fertilize.
56. Reseed, straw, and fertilize.
57. **Add mulch rings around all 2" caliber trees as specified across site (site-wide).**
58. Replace defoliated fringe tree.
59. Cut expansion joint material in curb and caulk.

60. Remove rocks and weeds, over seed, straw, and fertilize.
61. Replace dead fringe trees.
62. Remove gravel, rocks and debris, reseed and straw.
- 63. Remove orange fencing (site-wide).**
64. Replace dead and defoliated trees flagged in pink.
65. Replace dead dogwoods.
66. Over-seed slope and remove rocks.
67. Replace (3) defoliated oakleaf hydrangeas.
68. Remove weeds from beds.
69. Replace (4) laurels (2 dead, 2 with shot hole fungus).
70. Replace (4) laurels with shot hole fungus.
71. Sod appears stressed, may need fertilizer.
72. Replace (5) oakleaf hydrangeas that are defoliated and poorly formed.
73. Remove rocks and debris before adding topsoil and sod.
74. Replace (2) oakleaves that are poorly formed.
75. Missing (3) dogwoods from design plan.
- 76. Sod needs to be rolled in and gaps of sod filled in (site-wide).**
- 77. Remove rocks from seeded slopes (site-wide).**
78. Replace misshapen and damaged oak tree.
79. Replace (2) dead redbuds.
80. Remove weeds along curb line and around pine trees. Mulch trees as specified.
81. Remove pile of gravel.
82. Low area holding water near corner of building. Regrade to provide positive drainage away from building.
83. Replace (11) Hollies that are poorly shaped and not full to base.
84. Remove weeds from seeded area.
85. Replace poorly shaped red maple.
86. Replaced poorly shaped oak.
87. Replace dead redbud.
88. Remove hose, morning glories, and weeds.
89. Cut off expansion joint material in curb and caulk joint.
90. Remove gravel and rocks from slope.
91. No seed growth; over-seed, straw, and fertilize.
92. Replace dead Sycamore.
93. Replace dead Blackgum.
94. Replace dead Oak.
- 95. Clean up trash and debris (site-wide).**
96. Remove sediment and debris next to ramp to floating dock.
97. Replace Sycamore.
98. Clean up trash, debris, concrete, gravel, etc.
99. Remove trash, straw, debris, logs around edge of woods.

100. Remove rocks and gravel on slope.
101. Seed and straw bare areas.
102. Remove rocks and debris, sod swale, seed and straw bare areas.
103. Install drainage improvements approved by Owner.
104. Replace dead trees marked with pink flagging (18 Dogwoods, 8 Redbuds and 3 fringe trees); replacement trees need to be moved to edge of tree save areas as directed by the Landscape Architect.
105. Remove rocks, debris, and finish grade with topsoil.
106. Weed eat slope, over-seed with love grass.
107. Backfill all tree pits on slope.
108. Remove wooden fence posts.
109. All trees designated for replacement should be replaced this fall after trees have gone dormant.
110. Contractor to remove all dead trees and shrubs prior to the City accepting the site for upcoming event.

The following items were noted in previous site observation reports beginning 6/4/2018 and have not yet been corrected:

SANITARY SEWER

1. Adjust all manhole casings to finish grade and secure to manhole.
2. Complete flushing and testing from existing manhole to manhole 1.
3. CCTV from existing manhole to manhole 8.
4. Insure all inverts are clean and dry.

STORM SEWER

1. Adjust manhole castings to match finish grade.
2. Clean out inverts of all catch basins and manholes and drain piping.
3. Complete all catch basins.
4. Level POS S-2

WATER LINE

1. Install pipe supports in all vaults per Drawing C7.24.
2. Pressure test per Specifications.

HAND RAIL AT SOUTHWEST OVERLOOK

1. Rework welds of all top rail joints to provide consistent diameter.
2. Remove all burrs at rail to post joints.
3. Touch up paint as necessary after corrections are complete.

CONCRETE CURB

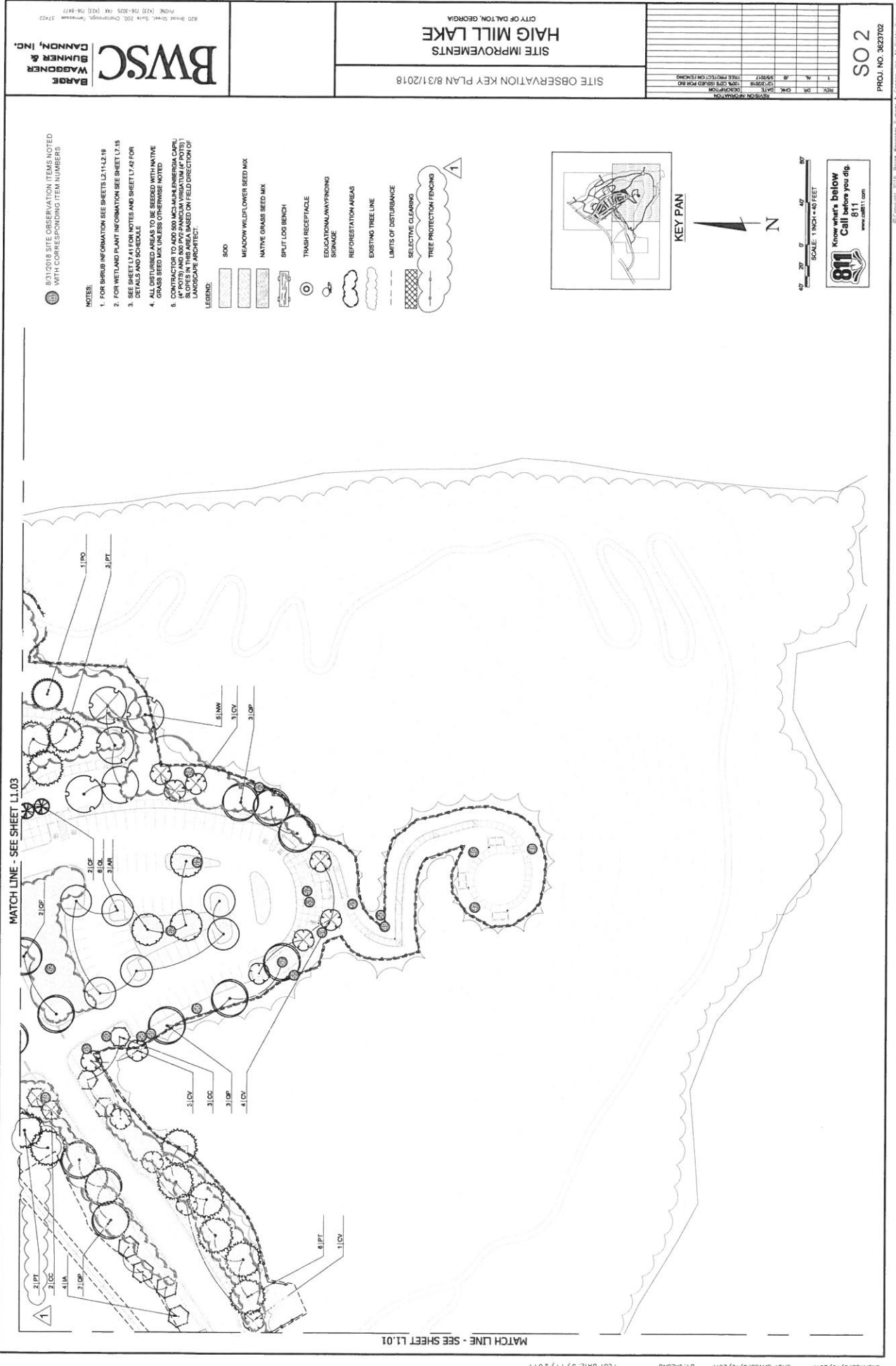
1. Remove and replace all broken sections of curb and gutter.
2. Repair all damaged curbs with approved repair method. Submit RFI.

MISCELLANEOUS

1. Mark and identify ends of water service, fire service, and sanitary service lines for proposed lodge. Markers to be flush with finish grade.

The description above represents our observation of work in progress and items discussed. Other participants are requested to review these items and advise the undersigned of any necessary corrections or revisions.

Signed: _____ Date: 8/31/2018
John R. Brown



NOTES:
1. FOR SHRUB INFORMATION SEE SHEETS L2.1 & L2.19
2. FOR WETLAND PLANT INFORMATION SEE SHEET L2.15
3. SEE SHEET L2.14 FOR NOTES AND SHEET L2.14 FOR
4. ALL PLANTS AND TREES TO BE PLANTED WITHIN THE
GRASS REED MIX UNLESS OTHERWISE NOTED
5. CONTRACTOR TO USE 80% 1/2" DIA. & 8' TALL CYPRESS
(4" POT) AND 50% 1/2" DIA. & 8' TALL VIRGINIA (4" POT) IN
SLOPES IN THIS AREA BASED ON FIELD DIRECTION OF
LANDSCAPE ARCHITECT.

- LEGEND
- 500
 - MEADOW W/LEPTOWER REED MIX
 - NATIVE GRASS REED MIX
 - SPILT LOG BENCH
 - TRASH RECEPTACLE
 - EDUCATIONAL W/ FENCING
 - BIRDBATH
 - REFORESTATION AREAS
 - EXISTING TREE LINE
 - LIMITS OF DISTURBANCE
 - SELECTIVE CLEANING
 - TREE PROTECTION FENCING



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SCALE: 1" = 40' FEET

0' 20' 40'

N



REVISION INFORMATION	
NO.	DATE
1	8/31/2018
DESCRIPTION OF REVISIONS	
1	ADDED 100' X 100' AREA FOR 100' X 100' POND
2	ADDED 100' X 100' AREA FOR 100' X 100' POND
3	ADDED 100' X 100' AREA FOR 100' X 100' POND
4	ADDED 100' X 100' AREA FOR 100' X 100' POND
5	ADDED 100' X 100' AREA FOR 100' X 100' POND
6	ADDED 100' X 100' AREA FOR 100' X 100' POND
7	ADDED 100' X 100' AREA FOR 100' X 100' POND
8	ADDED 100' X 100' AREA FOR 100' X 100' POND
9	ADDED 100' X 100' AREA FOR 100' X 100' POND
10	ADDED 100' X 100' AREA FOR 100' X 100' POND

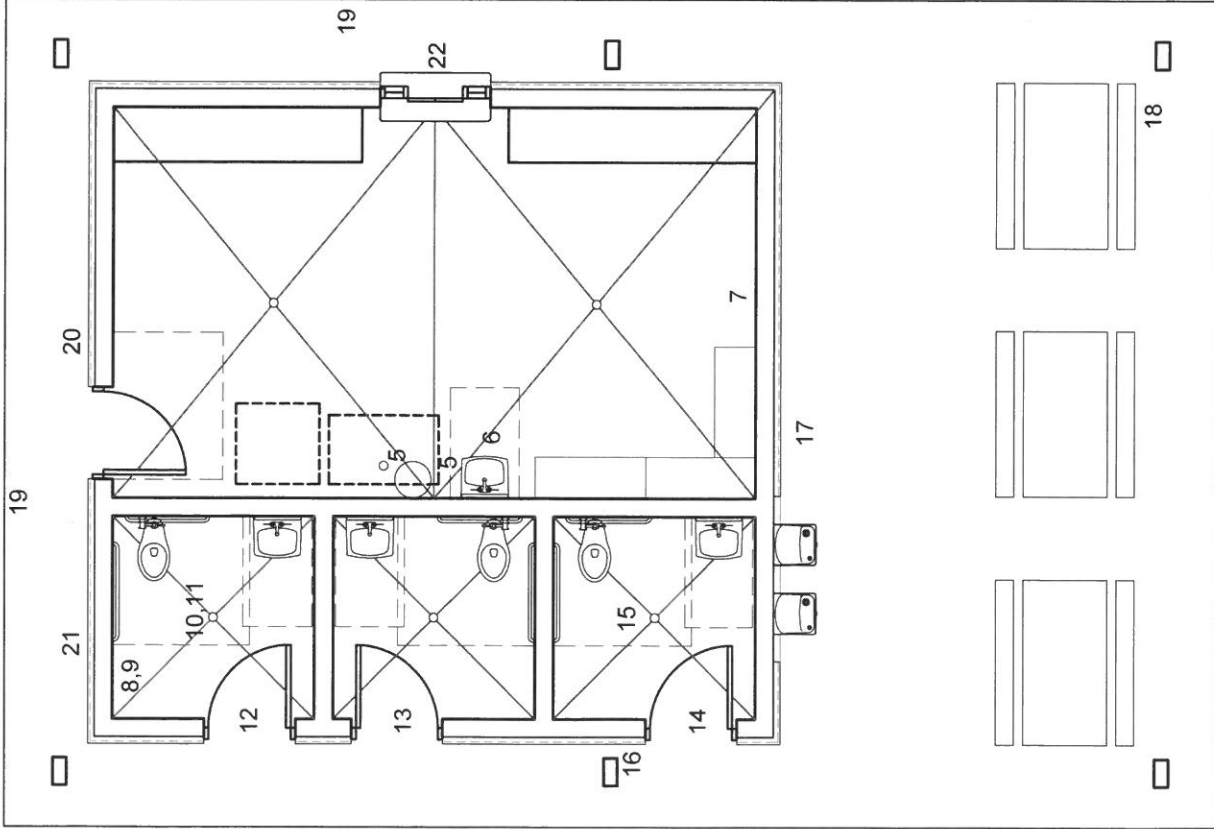


General Notes (pertains to all 3 structures):

1. Install all door silencers.
2. Final Cleaning shall be done both interior and exterior.
3. Clean PE structure prior to final inspection. It is possible that some of the members are scratched but difficult to tell until cleaned.
4. Clean interior of all wall hung changing stations

Concessions Building:

5. Clean masonry dust from piping and covers to the right of the hand sink and underneath the hot water heater.
6. Should there be a wall mirror above the hand sink.
7. Mud on walls
8. Touch up paint at HVAC lineset cover
9. Sheet metal HVAC lineset cover installed is not acceptable. An acceptable alternative has been submitted to the contractor. Verify that cover does not encroach into clear space for toilet
10. Clean walls
11. Touch up paint around ceiling register.
12. Touch up paint on door and frame
13. Touch up paint on door near center
14. Touch up paint on door
15. Caulk holes and touch up paint at ceiling register
16. grinder marks? on beam near North toilet, touch up paint
17. Damproofing on wood ceiling @ gable apex under covered area
18. NW corner of covered area beam scratched
19. Clean up expansion joint caulk on walks around entire perimeter
20. Replace stone next to receptacle at concessions entrance door
21. Touch up paint around disconnect to HVAC
22. Install Concessions window and SS pass-through

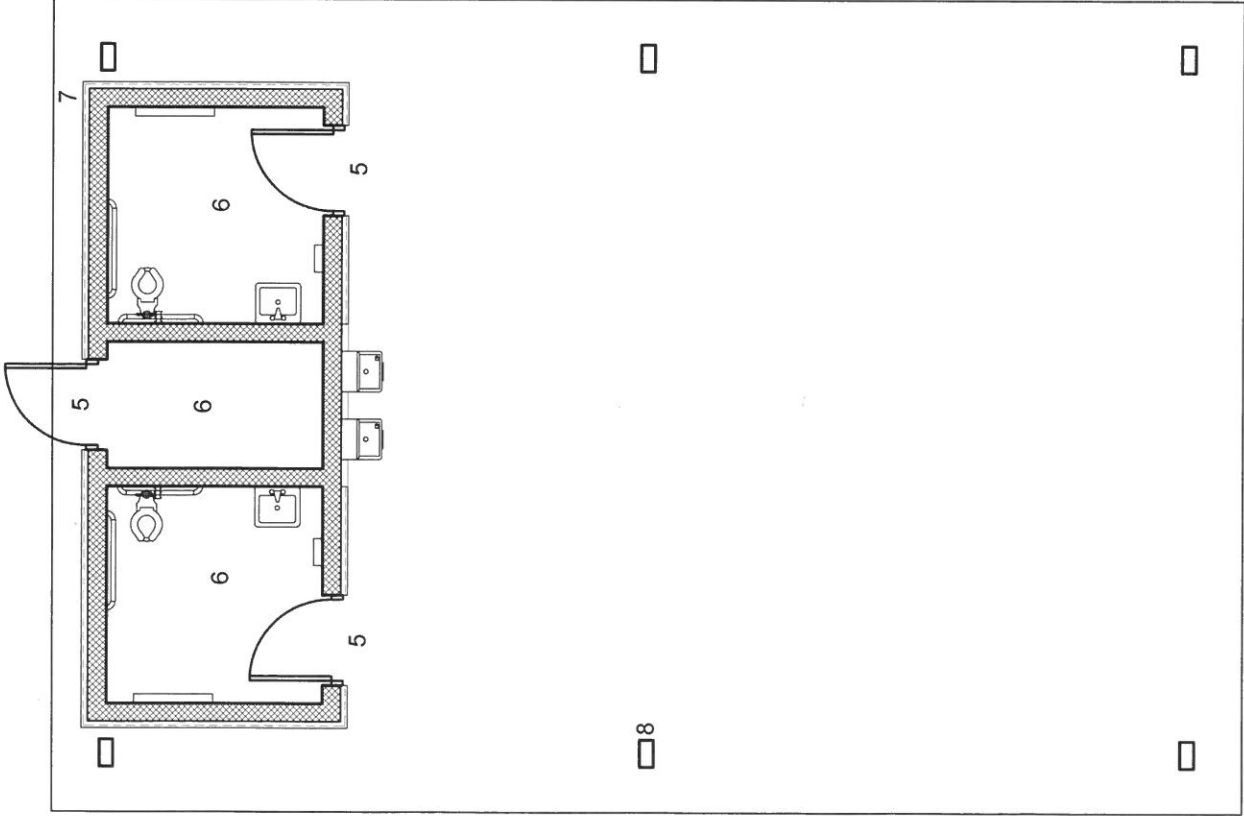


General Notes (pertains to all 3 structures):

1. Install all door silencers.
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4. Clean interior of all wall hung changing stations

Concessions Building:

5. Door Paint is thin
6. Clean space
7. Southwest corner of toilet rooms damproofing on wood ceiling
8. Center post of PE structure is scratched at joint, touch up paint



General Notes (pertains to all 3 structures):

1. Install all door silencers.
2. Final Cleaning shall be done both interior and exterior.
3. Clean PE structure prior to final inspection. It is possible that some of the members are scratched but difficult to tell until cleaned.
4. Clean interior of all wall hung changing stations

Concessions Building:

5. Clean interior of space
6. Re-attach sweep on door

