GALLOWS HILL PARK RENOVATION - BASEBALL FIELD
SALEM, MASSACHUSETTS

DRAWING LIST

LANDSCAPE:
- L-0 COVER SHEET
- L-1 SITE PLAN
- L-2 SITE PREPARATION PLAN
- L-3 SITE IMPROVEMENT PLAN
- L-4 SITE IMPROVEMENT PLAN - ELEVATIONS
- L-5 GRADING AND DRAINAGE PLAN
- L-6 LANDSCAPE DETAILS
- L-7 LANDSCAPE DETAILS

IRRIGATION:
- I-1 IRRIGATION LAYOUT PLAN
- I-2 IRRIGATION DETAILS
- I-3 IRRIGATION DETAILS

PROJECT SITE

LOCLUS MAP

CONSTRUCTION DOCUMENTS
AUGUST 1, 2019

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CITY OF SALEM, MA
NOTES:

1. ALL LINES AND EMBLEMS ARE PARALLEL OR PERPENDICULAR TO THE CURB, AND NOT TO BE APPLIED OVER EXISTING PAINTED OR MARKED EMBLEMS.

2. ALL LINES SHOULD BE APPLIED IN A WHITE COATING MATERIAL, WITHOUT THE USE OF ANY COLOR.

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GALLOWS HILL PARK
SALEM, MASSACHUSETTS
CITY OF SALEM, MA

EXISTING CONDITIONS PLAN

Sheet Title: EX

Date: AUGUST 7, 2019

Scale: 1" = 40'-0"
GALLows Hill Park
Salem, Massachusetts

City of Salem, MA

Gallow's Hill Park Improvements

Grading Plan

L-3 1" = 30'-0"
GALLOWS HILL PARK
SALEM, MASSACHUSETTS

CITY OF SALEM, MA

PLANTING PLAN

L-4
GALLOWS HILL PARK
SALEM, MASSACHUSETTS

CITY OF SALEM, MA

PLANTING PLAN - ENLARGEMENTS

GALLOWS HILL PARK IMPROVEMENTS

AUGUST 7, 2019

RB

KZ

L-5
GALLOWS HILL PARK
SALEM, MASSACHUSETTS
CITY OF SALEM, MA
LANDSCAPE DETAILS
LD-5

1. DRINKING FOUNTAIN
   SCALE 3/4" = 1'-0"

2. ACCESSIBLE PAVEMENT MARKING
   SCALE 1/8" = 1'-0"

3. TRASH RECEPTACLE
   SCALE 3/4" = 1'-0"

4. ACCESSIBLE PARKING SIGN
   SCALE 1/8" = 1'-0"

5. FOUL POLE ART - ADD ALT #2
   SCALE 1/8" = 1'-0"

GALLOWS HILL PARK IMPROVEMENTS
CITY OF SALEM, MA

Accessibility Features:
- TRASH RECEPTACLE
- ACCESSIBLE PARKING SIGN
- ACCESSIBLE PAVEMENT MARKING
- DRINKING FOUNTAIN

Foul Pole Art Feature:
- FOUL POLE ART - ADD ALT #2

Note: Details and specifications provided in the plan sheet for specific installation and construction requirements.
GALLOWS HILL PARK
SALEM, MASSACHUSETTS

CITY OF SALEM, MA

LANDSCAPE DETAILS

LD-6

1. BASE FOR MEMORIAL STONE
   SCALE 3/4" = 1'-0"

2. LOAM AND SEED
   SCALE 1" = 1'-0"

3. RAINGARDEN MIX
   SCALE 1" = 1'-0"

4. PERENNIAL PLANTING
   SCALE 1/2" = 1'-0"

5. SHRUB PLANTING
   SCALE 1/2" = 1'-0"

6. TREE PLANTING ON SLOPE
   SCALE 1" = 1'-0"

7. DECIDUOUS TREE
   SCALE 3/4" = 1'-0"

8. NOTES
   ALL DIMENSIONS TO BE READ IN FIELD UNIT UNLESS NOTED TO THE CONTRARY

   LEGEND
   - - - - CONCRETE
   - - - - COMPACTED SUBSURFACE
   - - - - TOP SOIL
   - - - - SCHOOL GROW MIX
   - - - - RAINGARDEN MIX
   - - - - LOAM AND SEED
   - - - - PERENNIAL PLANTING
   - - - - SHRUB PLANTING
   - - - - TREE PLANTING ON SLOPE
   - - - - DECIDUOUS TREE
   - - - - LOAM AND SEED
   - - - - PERENNIAL PLANTING
   - - - - SHRUB PLANTING
   - - - - TREE PLANTING ON SLOPE
   - - - - DECIDUOUS TREE

   SHEET EDGE

   BASE FOR MEMORIAL STONE
   SCALE 3/4" = 1'-0"

   SOIL AND CONCRETE
   TOP GROW MIX
   PERENNIAL PLANTING
   SHOULDER GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PLANTING ON SLOPE
   DECIDUOUS TREE

   SCHOOL GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PERENNIAL PLANTING
   SHRUB PLANTING
   TREE PLANTING ON SLOPE
   DECIDUOUS TREE

   SHEET EDGE

   BASE FOR MEMORIAL STONE
   SCALE 3/4" = 1'-0"

   SOIL AND CONCRETE
   TOP GROW MIX
   PERENNIAL PLANTING
   SHOULDER GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PLANTING ON SLOPE
   DECIDUOUS TREE

   SCHOOL GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PERENNIAL PLANTING
   SHRUB PLANTING
   TREE PLANTING ON SLOPE
   DECIDUOUS TREE

   SHEET EDGE

   BASE FOR MEMORIAL STONE
   SCALE 3/4" = 1'-0"

   SOIL AND CONCRETE
   TOP GROW MIX
   PERENNIAL PLANTING
   SHOULDER GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PLANTING ON SLOPE
   DECIDUOUS TREE

   SCHOOL GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PERENNIAL PLANTING
   SHRUB PLANTING
   TREE PLANTING ON SLOPE
   DECIDUOUS TREE

   SHEET EDGE

   BASE FOR MEMORIAL STONE
   SCALE 3/4" = 1'-0"

   SOIL AND CONCRETE
   TOP GROW MIX
   PERENNIAL PLANTING
   SHOULDER GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PLANTING ON SLOPE
   DECIDUOUS TREE

   SCHOOL GROW MIX
   RAINGARDEN MIX
   LOAM AND SEED
   PERENNIAL PLANTING
   SHRUB PLANTING
   TREE PLANTING ON SLOPE
   DECIDUOUS TREE

   SHEET EDGE
GALLOWS HILL PARK
SALEM, MASSACHUSETTS
CITY OF SALEM, MA

LANDSCAPE DETAILS
LD-7

GALLOWS HILL PARK IMPROVEMENTS
CITY OF SALEM, MA

LANDSCAPE DETAILS
LD-7

WATERTIGHT JOINT
DUCTILE IRON DOME GRATE

4" (MIN.)
3/4" CRUSHED STONE

PERFORATED NYLONPLAST DRAIN BASIN

FRAME AND SOLID COVER

ENGINEERED RAIN GARDEN SOIL

40% SAND (PER ASTM D422)
20-30% TOP SOIL (EXISTING SOIL)
30-40% COMPOST (PER MASS DEP GUIDELINES)

PERFORATED NYLONPLAST AREA DRAIN (W/ DOME GRATE)

ENGINEERED BIO-RETENTION SOIL

(2" DEEP MINIMUM)
W/ 3" PEA STONE AT BOTTOM

PERF. NYLONPLAST
AREA DRAIN DETAIL

PERF. NYLONPLAST
AREA DRAIN DETAIL

PERF. NYLONPLAST
AREA DRAIN DETAIL

PERF. NYLONPLAST
AREA DRAIN DETAIL

NOTE:
EXISTING TOP SOIL AND FILL SAND MATERIAL LOCATED WITHIN THE PROJECT LIMITS
SHALL BE UTILIZED IN THE ENGINEERED RAIN GARDEN SOIL, IF FEASIBLE

BIO-RETENTION AREA A1

BIO-RETENTION BASIN
50.00
50.00
51.00

TOP OF BIO-RETENTION AREA

BIO-RETENTION BASIN & GRATE
51.25
52.00

TOP OF POND

STORM EVENT FLOOD ELEVATION
2-YEAR 51.96
10-YEAR 52.57
100-YEAR 53.10

ENGINEERED RAIN GARDEN SOIL

(39-49% COMPOST (PER MASS DEP GUIDELINES)

BIO-RETENTION AREA A2

BIO-RETENTION BASIN
49.00

TOP OF BIO-RETENTION AREA

BIO-RETENTION BASIN & GRATE
50.00

TOP OF POND

STORM EVENT FLOOD ELEVATION
2-YEAR 50.85
10-YEAR 51.89
100-YEAR 52.82

ENGINEERED RAIN GARDEN SOIL

BIO-RETENTION AREA A3

BIO-RETENTION BASIN
50.50

TOP OF BIO-RETENTION AREA

BIO-RETENTION BASIN & GRATE
51.00

TOP OF POND

STORM EVENT FLOOD ELEVATION
2-YEAR 50.45
10-YEAR 50.74
100-YEAR 50.94

ENGINEERED RAIN GARDEN SOIL

BIO-RETENTION AREA A4

BIO-RETENTION BASIN
50.00

TOP OF BIO-RETENTION AREA

BIO-RETENTION BASIN & GRATE
51.00

TOP OF POND

STORM EVENT FLOOD ELEVATION
2-YEAR 50.17
10-YEAR 50.39
100-YEAR 51.38

ENGINEERED RAIN GARDEN SOIL

BIO-RETENTION AREA B2

BIO-RETENTION BASIN
48.00

TOP OF BIO-RETENTION AREA

BIO-RETENTION BASIN & GRATE
49.00

TOP OF POND

STORM EVENT FLOOD ELEVATION
2-YEAR 48.21
10-YEAR 48.37
100-YEAR 48.96

ENGINEERED RAIN GARDEN SOIL

LIST OF MATERIALS

PERF. NYLONPLAST
AREA DRAIN DETAIL

PERF. NYLONPLAST
AREA DRAIN DETAIL

PERF. NYLONPLAST
AREA DRAIN DETAIL

PERF. NYLONPLAST
AREA DRAIN DETAIL

EDGED MATERIAL (SEE NOTES)

· FOR HDPE OR PVC NO STONES SHALL BE GREATER THAN 
 3/4", NO STONES WITHIN 4" OF PIPE AND MATERIAL SHALL BE 
  THOROUGHLY COMPACTED.  IF EXISTING MATERIAL IS USED, 
  3/4" OF BEDDING MATERIAL BELOW PIPE IF PLACED IN ROCK
  IF EXISTING MATERIAL IS USED, 4" OF BEDDING MATERIAL 
  BELOW PIPE IF PLACED IN EARTH

· IF EXISTING MATERIAL WITHIN TRENCH CONTAINS ORGANICS, 
  MUCK, CONTAMINATION OR UNSUITABLE, CONTRACTOR SHALL 
  CONTACT ENGINEER PRIOR TO PROCEEDING.

· ENGINEERED BIO-RETENTION SOIL (2" DEEP MINIMUM)
  W/ 3" PEA STONE AT BOTTOM

· ENGINEERED RAIN GARDEN SOIL
  40% SAND (PER ASTM D422)
  20-30% TOP SOIL (EXISTING SOIL)
  30-40% COMPOST (PER MASS DEP GUIDELINES)

PIPE TRENCH DETAIL

(SEE NOTES)

· ENGINEERED BIO-RETENTION SOIL
  (2" DEEP MINIMUM)
  W/ 3" PEA STONE AT BOTTOM

· ENGINEERED RAIN GARDEN SOIL
  40% SAND (PER ASTM D422)
  20-30% TOP SOIL (EXISTING SOIL)
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  W/ 3" PEA STONE AT BOTTOM

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  40% SAND (PER ASTM D422)
  20-30% TOP SOIL (EXISTING SOIL)
  30-40% COMPOST (PER MASS DEP GUIDELINES)
1. The irrigation system design is diagrammatic and shall be field verified by the Irrigation System Contractor and Designer prior to construction.

2. The Irrigation System Contractor shall contact "Dig Safe" prior to the commencement of any of his work on this project. The Irrigation System Contractor shall request his own "Dig Safe" inspection and have his own 'Dig Safe' permit number. The Irrigation System Contractor shall not use markings and permits issued to others working on this project.

3. The Irrigation System design shall be coordinated with other drawings for this project.

4. Irrigation work on this project to include: city mainline water tap, piping from water tap to backflow cabinet, RP backflow preventer, controller, valves, sprinkler heads, install City of Salem provided water meter, and related items.

5. The contractor shall install a 2" RP Backflow Preventer in the cabinet as described in the written specifications and as shown on the detail drawings.

6. All mainline and lateral pipe downstream of the Backflow Preventer in sizes 2 1/2", 2", or 1 1/2" to be SDR 21 PVC Pipe with swedged ends.

7. All pipe in 1" size to be Sch 40 PVC Pipe with swedged ends.
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7. All pipe in 1" size to be Schedule 40 PVC Pipe with swaged ends.

**Plan Notes:**

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**Plan Notes:**

- The irrigation system design is diagrammatic and shall be field verified by the Irrigation System Contractor and Designer prior to construction.
- The Irrigation System Contractor shall contact “Dig Safe” prior to the commencement of any of his work on this project. The Irrigation System Contractor shall request his own “Dig Safe” inspection and have his own “Dig Safe” permit number. The Irrigation System Contractor shall not use markings and permits issued to others working on this project.
- The Irrigation System design shall be coordinated with other drawings for this project.
- Irrigation work on this project to include: city mainline water tap, piping from water tap to backflow cabinet, RP backflow preventer, controller, valves, sprinkler heads, install City of Salem provided water meter, and related items.
- The contractor shall install a 2" RP Backflow Preventer in the cabinet as described in the written specifications and as shown on the detail drawings.
- All mainline and lateral pipe downstream of the Backflow Preventer in sizes 2½", 2", or 1½" to be SDR 21 PVC Pipe with swaged ends.
- All pipe in 1" size to be Schedule 40 PVC Pipe with swaged ends.

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