



Item No. 7 Town of Atherton

CITY COUNCIL / PARK AND RECREATION COMMITTEE STAFF REPORT – JOINT STUDY SESSION

TO: HONORABLE MAYOR, CITY COUNCIL, AND PARK AND RECREATION COMMITTEE

THROUGH: GEORGE RODERICKS, CITY MANAGER

**FROM: ROBERT OVADIA, DIRECTOR OF PUBLIC WORKS
SALLY BENTZ-DALTON, PARK MANAGER/TOWN ARBORIST**

DATE: JULY 7, 2021

SUBJECT: DISCUSSION AND FEEDBACK ON THE HOLBROOK-PALMER PARK ACCESS AND CIRCULATION PROJECT DESIGN

RECOMMENDATION

It is recommended that the City Council and Park and Recreation Committee receive a report from staff on the design elements of the Holbrook-Plamer Park Access and Circulation project, have discussion, and provide feedback to staff regarding the project design, fixtures, furnishings and priorities.

BACKGROUND

The Town adopted the Holbrook-Palmer Master Plan in May 2015. Improving pedestrian and vehicle circulation at Holbrook-Palmer Park was deemed as a priority in the Master Plan and by the City Council. In October 2016, the City Council approved a professional services agreement with Verde Design, Inc. to develop design and construction bid documents for the park pedestrian and vehicle circulation improvements.

Conceptual layout plans were prepared and coordinated through the Park and Recreation Committee before the project was put on hold in 2017 to reserve funds for the Town Center project. The City Council indicated that improvements at the Park, particularly related to the pedestrian and vehicle circulation, remained a priority and would be reengaged after the completion of the Town Center project. In February 2021, the City Council approved a professional services agreement with Verde Design to complete the design of the Holbrook-Palmer Park.

During its study sessions on the FY2021/2022 Capital Improvement Budget, the City Council expressed a desire to maintain public engagement on the project design, through the Park and Recreation Committee, as well as a desire to review and provide input on the project design. The conceptual design was initially presented to the Park and Recreation Committee on March 3, 2021. The Park and Recreation Committee provided general feedback on the project layout including:

- A desire for additional trees, particularly along the circular pathway to the Main House
- Minimizing concrete paving in favor of decomposed granite pathways
- Selection of red, mission style bricks for the pathway connectors and focal points
- Preference for park furnishings to match the historic character of the Park
- Picnic tables to be ADA friendly
- No need for a bike station
- No need for a waste receptacle with the dog waste station
- Preference to install a reasonable priced fountain
- Preference for a wooden style bench
- Preference for plantings that are low maintenance and drought tolerant

Staff has been providing updates to the Park and Recreation Committee at subsequent meetings (April 7, May 5, June 2) to further discuss and receive feedback on the project elements, fixtures and furnishings including:

- Fencing
- Benches and picnic tables
- Decomposed granite
- Edging materials
- Bike racks
- Trash/recycle bins
- Bicycle repair station and pet waste stations
- Light fixtures
- Trees and plant materials
- Fountain replacement (not in current project scope/budget)
- Entry and exit gates (not in current project scope/budget)

ANALYSIS

Verde Design has prepared the 50% design drawings and this study session provides an opportunity for the City Council and the Park and Recreation Committee to jointly discuss and the various project elements, including layout, selected fixtures, furnishings and plantings, as well as priorities.

The project design includes the following major elements:

1. Reconfigured Entry and Exit Driveways:

- ADA accessible crossing and entry – concrete
- Fire hydrant relocation to accommodate new ADA compliant access
- New decorative fencing at channel crossing
- Driveway reconfiguration
- Clear pedestrian pathways – concrete and decomposed granite
- Formal driveway entry to the Gilmore House
- Raised pedestrian crossings - (speed tables)

2. Pathway connector and focal point near entry

- Pathway junction – mission style brick in herringbone pattern
- Furnishings -
 - Bicycle rack
 - Dog waste station
 - Trash and recycling receptacles

3. Picnic area

- Decomposed granite pathway from entry and to playground
- ADA compliant picnic area and tables (new and relocated)
- New notice/reservation kiosk

4. Reconstruction of Circular Driveway into pedestrian pathway

- Removal of the asphalt driveway and replacement with a narrower decomposed granite pathway
- Addition of trees and planting areas
Focal point pathway connections to playground and Main House

5. Planting

- Addition of tree species
 - -Peppermint Willow
 - -Red Horse Chestnut
 - -Western Redbud
 - -Copper Beech
 - -Ginkgo Biloba
 - -Catalina Ironwood
 - -Coast Live Oak – Multi
 - -Cork Oak
- Addition of large shrubs
 - -California Buckeye
 - -Japanese Maple
 - -Grevillea
 - -Black elderberry
 - -Snowball Viburnum
- Addition of ground plantings
 - -African Daisy
 - -Japanese Pieris
 - -Rose Spp.
 - -Viburnum
 - -Creeping Barberry
 - -Day Lily
 - -Japanese Forest Grass
 - -Rock Purslane
 - -Dwarf Bottlebrush
 - -Japanese Sedge

- -Rock Rose
- -Native Fuchsia

6. Other Elements

- Storm drainage improvements

7. Budgetary Considerations:

As the designer has moved forward with refining the project design from the conceptual level to the current 50% plans, taking into account the feedback of the Park and Recreation Committee and the current construction climate, the costs of the project are estimated to exceed the current allocated budget. We would like to keep the various elements in the project design and are seeking prioritization from the Council for a few items that could be listed as additive alternates that could be considered separately at the time of project award based on actual bids.

There are additional desired elements that were discussed at the Park and Recreation Committee that are not included in the project scope including replacement of the fountain as well as repairs/replacement of the entry/exit gates. There has been some discussion that one or both items are potential donation items by the Holbrook-Palmer Park Foundation, but the Foundation has not submitted a formal proposal regarding such a donation. Staff reached out to the Foundation on June 30, 2021 and the Foundation does not have a formal plan yet to fund the fountain and or the entry/exit gates.

Council and Committee feedback:

- Project layout
- Fixtures and furnishings
- Plant pallet
- Priorities

Next Steps

- CEQA Review
- Finalization of project design
- Funding Agreements – Santa Clara County (Stanford Mitigation Funds) and California State Parks (Prop 68 Per Capita Funds)

It is noted that acknowledgement signage associated with the various grant funds (Santa Calara County and State Parks) will be required. The design and location of the signage has not been determined but will be discussions with the Park and Recreation Committee at a future meeting.

POLICY FOCUS

The proposed project is consistent with the improvements outlined in the adopted Holbrook-Palmer Park Master Plan and the recently adopted FY 2021-22 Capital Improvement Program budget.

FISCAL IMPACT

The recently adopted FY 2021-22 Capital Improvement Program budget includes an allocation of \$1,050,000 for the construction of the Holbrook Palmer Park Access and Circulation Project, including grant funds from Santa Clara County (Stanford Mitigation Funds) and Proposition 68 Per Capita Park Grant funds from the State of California. The required grant funding agreements and deed restrictions have not yet been approved.

PUBLIC NOTICE

Public notification was achieved by posting the agenda, with this agenda item being listed, at least 72 hours prior to the meeting in print and electronically. Information about the project is also disseminated via the Town's electronic News Flash and Atherton Online. There are approximately 1,200 subscribers to the Town's electronic News Flash publications. Subscribers include residents as well as stakeholders – to include, but be not limited to, media outlets, school districts, Menlo Park Fire District, service providers (water, power, and sewer), and regional elected officials. Additionally, interested parties that were notified of prior Planning Commission and City Council meetings were also notified via email of tonight's meeting.

COMMISSION/COMMITTEE FEEDBACK/REFERRAL

This item X has or has not been before a Town Committee or Commission.

- Audit/Finance Committee (meets every other month)
- Bicycle/Pedestrian Committee (meets as needed)
- Civic Center Advisory Committee (meets as needed)
- Environmental Programs Committee (meets every other month)
- X Park and Recreation Committee (meets each month) 3/3/21, 4/7/21, 5/5/21, 6/2/21
- Planning Commission (meets each month) – 4/2017, 7/2017, 12/2017, 2/2018
- Rail Committee (meets every other month)
- Transportation Committee (meets every other month)
- Tree Committee (meets each month)

ATTACHMENTS

1. Conceptual Design
2. Colorized 50% Plan Excerpts
3. Material and Planting Boards
4. Cost Estimate



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SHEET TITLE
GRAPHIC MASTER PLAN

PROJECT NAME
HOLBROOK-PALMER PARK

PROJECT ADDRESS
**150 WATKINS AVE.
ATHERTON, CA 94027**

| SUBMITTAL | DATE |
|---------------|---------|
| 95% SUBMITTAL | 10/4/17 |

| NO. | REVISIONS | DATE |
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MATERIAL NOTES

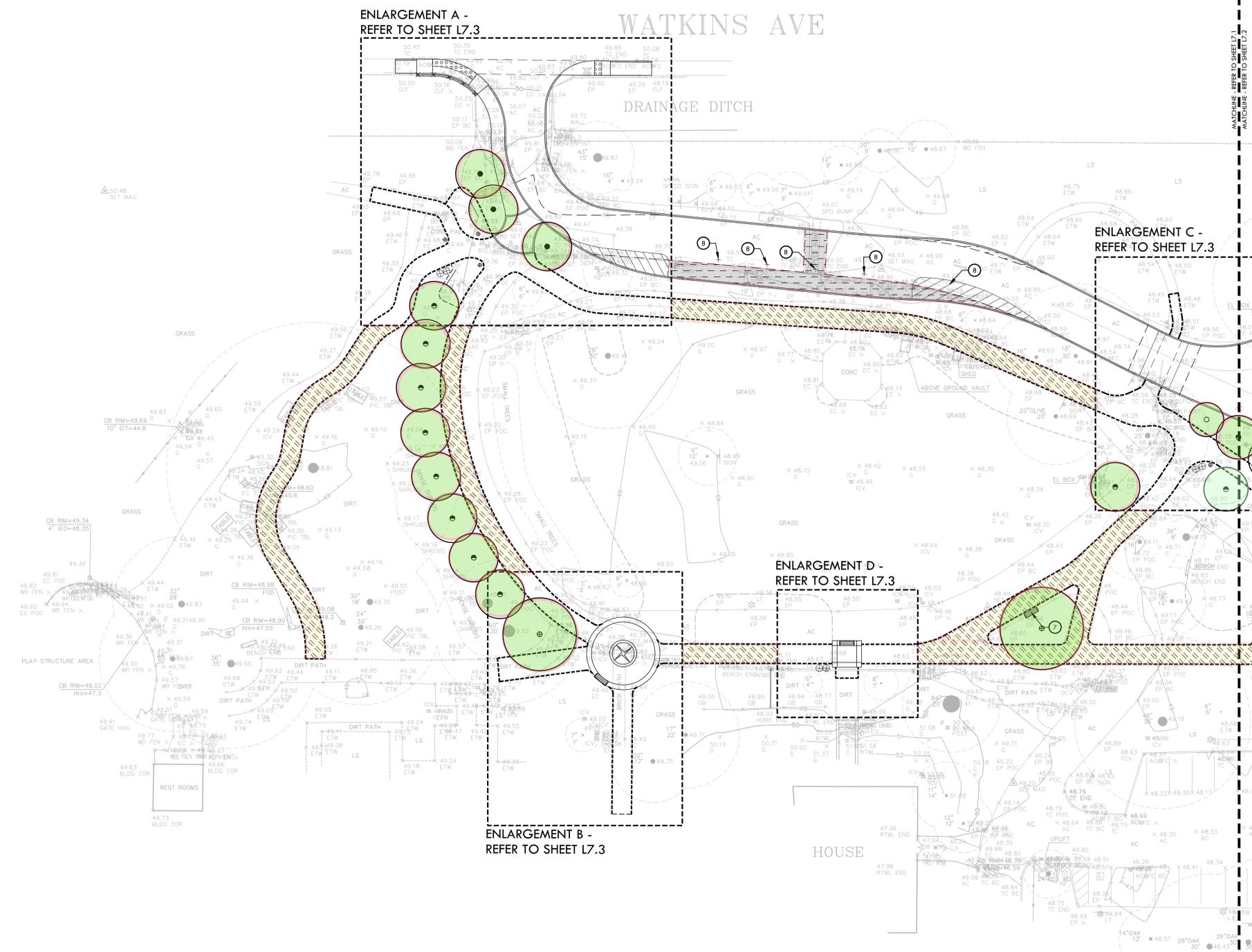
- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
- THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
- CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4"x4" SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
- ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.
- ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND

| SYM | DESCRIPTION | DTL REF |
|-----|---|---------|
| | ASPHALT PAVING (VEHICULAR) | (-) |
| | CONCRETE PAVING (PEDESTRIAN) | (-) |
| | DECOMPOSED GRANITE, REFER TO SPECIFICATIONS | (-) |
| | TRUNCATED DOMES, REFER TO SPECIFICATIONS | (-) |
| | MULCH, REFER TO SPECIFICATIONS | (-) |
| | METAL HEADER | (-) |
| | NEW ASPHALT EDGE, CONFORM NEW ASPHALT TO EXISTING ASPHALT | (-) |
| | PLANTING AREA, REFER TO PLANTING PLAN | (-) |
| | 6" CONCRETE EDGEBAND | (-) |
| | 6" ASPHALT CURB | (-) |
| | 6" CONCRETE CURB | (-) |
| | REDWOOD HEADER | (-) |
| | CONCRETE VEHICLE RAMP | (-) |
| | ADA CURB CUT RAMP | (-) |
| | PARK BENCH, REFER TO SPECIFICATIONS | (-) |
| | PARKING STRIPING | (-) |
| | CROSSWALK STRIPING | (-) |
| | AREA DRAIN RELOCATION | (-) |

PLANTING LEGEND

| SYM | QTY | SIZE | DESCRIPTION |
|-----|-----|------|---------------------------|
| | - | - | SMALL ACCENT TREE |
| | - | - | MEDIUM ACCENT TREE |
| | - | - | MEDIUM EVERGREEN TREE |
| | - | - | LARGE SPECIMEN SHADE TREE |



ENLARGEMENT A - REFER TO SHEET L7.3

WATKINS AVE

DRAINAGE DITCH

ENLARGEMENT C - REFER TO SHEET L7.3

ENLARGEMENT D - REFER TO SHEET L7.3

ENLARGEMENT B - REFER TO SHEET L7.3

HOUSE



NORTH



ALL DESIGN, CONSTRUCTION, AND MATERIALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARDS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION AND THE CALIFORNIA DEPARTMENT OF PUBLIC WORKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



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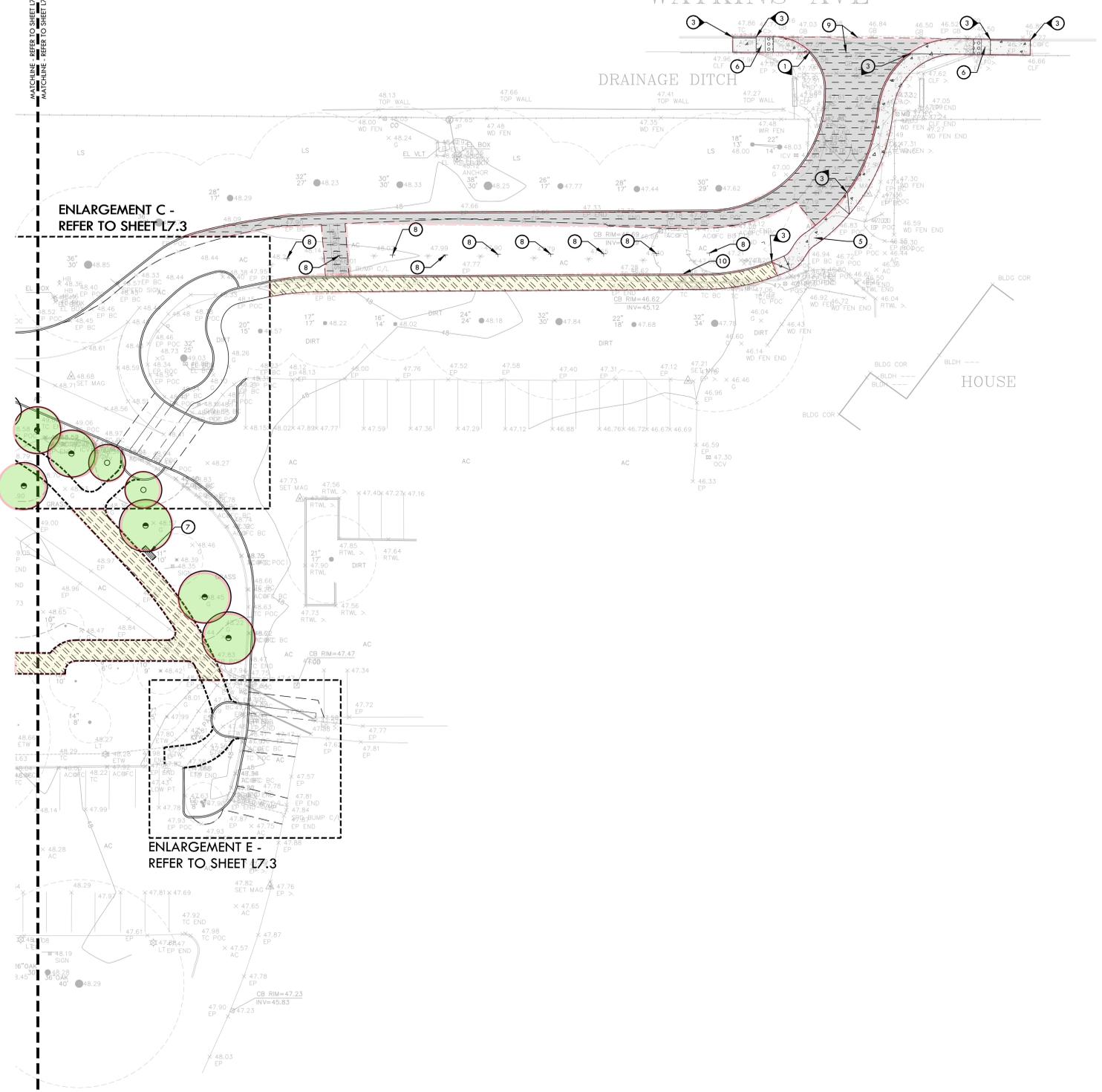
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| [Pattern] | ASPHALT PAVING (VEHICULAR) | (-) |
| [Pattern] | CONCRETE PAVING (PEDESTRIAN) | (-) |
| [Pattern] | DECOMPOSED GRANITE, REFER TO SPECIFICATIONS | (-) |
| [Pattern] | TRUNCATED DOMES, REFER TO SPECIFICATIONS | (-) |
| [Pattern] | MULCH, REFER TO SPECIFICATIONS | (-) |
| [Pattern] | METAL HEADER | (-) |
| [Pattern] | NEW ASPHALT EDGE, CONFORM NEW ASPHALT TO EXISTING ASPHALT | (-) |
| (A) | PLANTING AREA, REFER TO PLANTING PLAN | (-) |
| (1) | 6" CONCRETE EDGE BAND | (-) |
| (2) | 6" ASPHALT CURB | (-) |
| (3) | 6" CONCRETE CURB | (-) |
| (4) | REDWOOD HEADER | (-) |
| (5) | CONCRETE VEHICLE RAMP | (-) |
| (6) | ADA CURB CUT RAMP | (-) |
| (7) | PARK BENCH, REFER TO SPECIFICATIONS | (-) |
| (8) | PARKING STRIPING | (-) |
| (9) | CROSSWALK STRIPING | (-) |
| (10) | AREA DRAIN RELOCATION | (-) |

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WATKINS AVE

DRAINAGE DITCH



**ENLARGEMENT C -
REFER TO SHEET L7.3**

**ENLARGEMENT E -
REFER TO SHEET L7.3**



NORTH
0' 10' 20' 40' 60'

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**GRAPHIC
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 ENLARGEMENTS**

PROJECT NAME

**HOLBROOK-PALMER
 PARK**

PROJECT ADDRESS

**150 WATKINS AVE.
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SUBMITTAL

95% SUBMITTAL 10/4/17

NO. REVISIONS DATE

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SCALE

1" = 10'

MATERIAL NOTES

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
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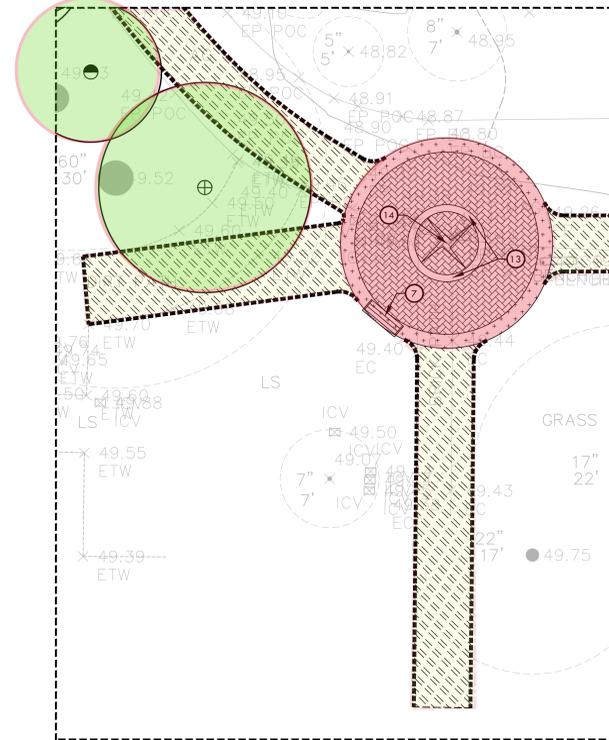
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| | ASPHALT PAVING (VEHICULAR) | (2) |
| | CONCRETE PAVING (PEDESTRIAN) | (3) |
| | DECORATIVE INTERLOCKING PAVERS | (4) |
| | COLORED CONCRETE, REFER TO SPECIFICATIONS | (5) |
| | DECOMPOSED GRANITE, REFER TO SPECIFICATIONS | (6) |
| | TRUNCATED DOMES, REFER TO SPECIFICATIONS | (7) |
| | MULCH, REFER TO SPECIFICATIONS | (8) |
| | 42" TALL CHAIN LINK FENCE | (9) |
| | METAL HEADER | (10) |
| | NEW ASPHALT EDGE, CONFORM NEW ASPHALT TO EXISTING ASPHALT | (11) |
| | PLANTING AREA, REFER TO PLANTING PLAN | (12) |
| | 6" CONCRETE EDGE BAND | (13) |
| | 6" ASPHALT CURB | (14) |
| | 6" CONCRETE CURB | (15) |
| | REDWOOD HEADER | (16) |
| | - NOT USED - | (17) |
| | ADA CURB CUT RAMP | (18) |
| | PARK BENCH, REFER TO SPECIFICATIONS | (19) |
| | PARKING STRIPING | (20) |
| | CROSSWALK STRIPING | (21) |
| | TRASH & RECYCLING RECEPTACLE, REFER TO SPECIFICATIONS | (22) |
| | DOG WASTE RECEPTACLE, REFER TO SPECIFICATIONS | (23) |
| | 12" TALL CONCRETE CURB WITH FENCE | (24) |
| | 12" COLORED CONCRETE EDGE BAND, REFER TO SPECIFICATIONS | (25) |
| | COLORLED CONCRETE COMPASS PAVING PATTERN, REFER TO SPECIFICATIONS | (26) |
| | RAISED CROSSWALK ISLAND | (27) |
| | BICYCLE PARKING RACK, REFER TO SPECIFICATIONS | (28) |
| | BICYCLE REPAIR STATION, REFER TO SPECIFICATIONS | (29) |
| | BID ALTERNATE: BICYCLE PARKING RACK, REFER TO SPECIFICATIONS | (30) |
| | BID ALTERNATE: BICYCLE REPAIR STATION, REFER TO SPECIFICATIONS | (31) |
| | BID ALTERNATE: METAL HEADER | (32) |



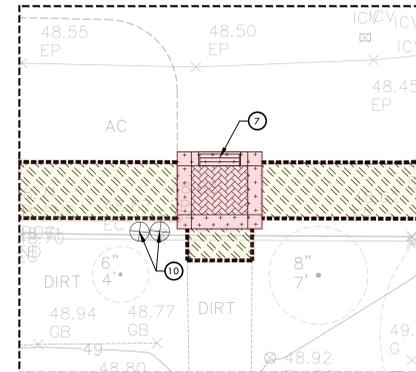
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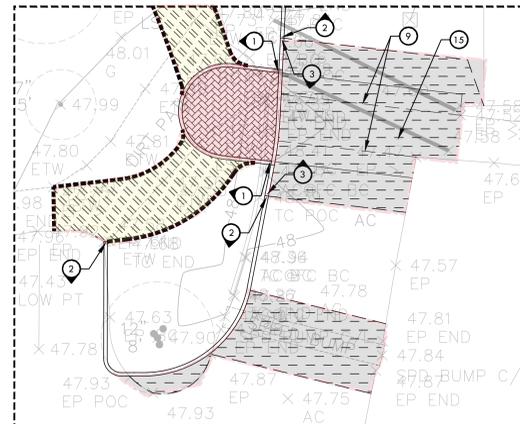
ENTRY DRIVEWAY & PLAZA - ENLARGEMENT A



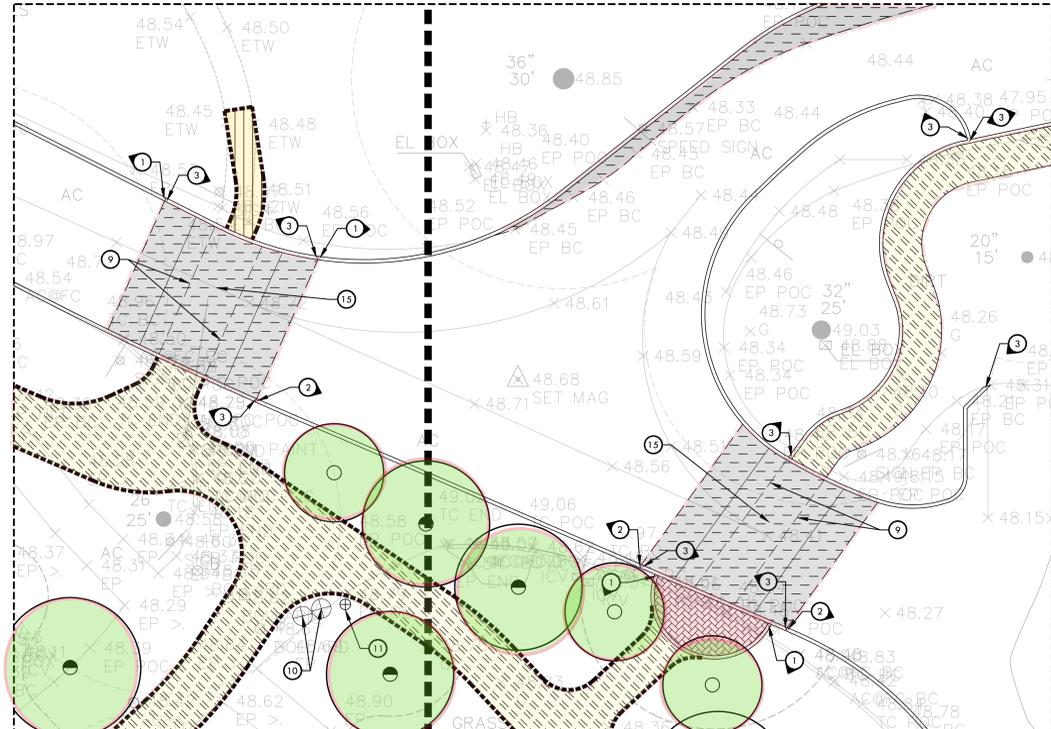
MAIN HOUSE ENTRY PLAZA 1 - ENLARGEMENT B



MAIN HOUSE ENTRY PLAZA 2 - ENLARGEMENT D



MAIN HOUSE PARKING LOT PLAZA - ENLARGEMENT E



EXIT DRIVEWAY CROSSWALK PLAZAS - ENLARGEMENT C

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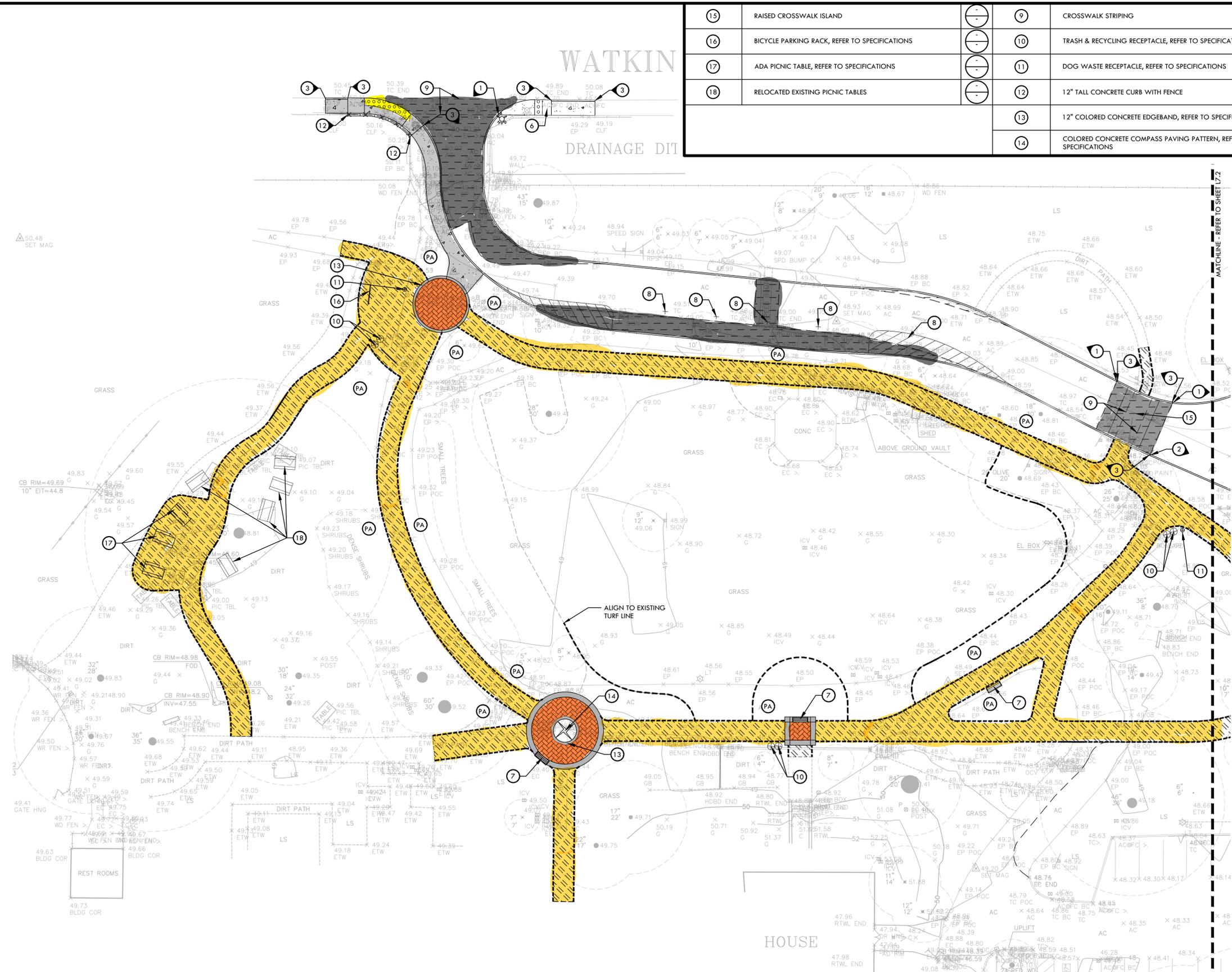
| | | | |
|----|---|----|--|
| 15 | RAISED CROSSWALK ISLAND | 9 | CROSSWALK STRIPING |
| 16 | BICYCLE PARKING RACK, REFER TO SPECIFICATIONS | 10 | TRASH & RECYCLING RECEPTACLE, REFER TO SPECIFICATIONS |
| 17 | ADA PICNIC TABLE, REFER TO SPECIFICATIONS | 11 | DOG WASTE RECEPTACLE, REFER TO SPECIFICATIONS |
| 18 | RELOCATED EXISTING PICNIC TABLES | 12 | 12" TALL CONCRETE CURB WITH FENCE |
| | | 13 | 12" COLORED CONCRETE EDGE BAND, REFER TO SPECIFICATIONS |
| | | 14 | COLORED CONCRETE COMPASS PAVING PATTERN, REFER TO SPECIFICATIONS |

MATERIAL NOTES

- THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
- THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
- ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
- CONCRETE FINISHES SHALL BE AS NOTED. CONTRACTOR SHALL PROVIDE 4'x4' SAMPLES OF ALL SPECIFIED FINISHES OF CONCRETE USING THE SAME MATERIALS THAT WILL BE USED IN THE ACTUAL CONSTRUCTION FOR EACH TYPE SPECIFIED. SAMPLES SHALL BE PREPARED WELL ENOUGH IN ADVANCE OF SCHEDULED CONCRETE POUR TO ALLOW FOR REVIEW AND POSSIBLE RE-POURING OF UNACCEPTABLE SAMPLES. UNACCEPTABLE SAMPLES SHALL BE RE-PREPARED UNTIL ACCEPTED BY THE OWNER'S REPRESENTATIVE. ACCEPTED SAMPLES SHALL BE PROTECTED AND REMAIN ON SITE FOR REFERENCE UNTIL FINAL ACCEPTANCE.
- ALL FENCES AND GATES SHOWN ON PLAN ARE GRAPHIC REPRESENTATIONS; REFER TO DETAILS AND SPECIFICATIONS FOR PRECISE LOCATION.
- ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND

| SYM | DESCRIPTION | DTL REF |
|-----|---|---------|
| | ASPHALT PAVING (PEDESTRIAN) | (1) |
| | ASPHALT PAVING (VEHICULAR) | (2) |
| | CONCRETE PAVING (PEDESTRIAN) | (3) |
| | DECORATIVE INTERLOCKING PAVERS | (4) |
| | COLORED CONCRETE, REFER TO SPECIFICATIONS | (5) |
| | DECOMPOSED GRANITE, REFER TO SPECIFICATIONS | (6) |
| | TRUNCATED DOMES, REFER TO SPECIFICATIONS | (7) |
| | MULCH, REFER TO SPECIFICATIONS | (8) |
| | 48" TALL ORNAMENTAL FENCE | (9) |
| | METAL HEADER | (10) |
| | NEW ASPHALT EDGE, CONFORM NEW ASPHALT TO EXISTING ASPHALT | (11) |
| | PLANTING AREA, REFER TO PLANTING PLAN | (12) |
| | 6" CONCRETE EDGE BAND | (13) |
| | 6" ASPHALT CURB | (14) |
| | 6" CONCRETE CURB | (15) |
| | - NOT USED - | (16) |
| | - NOT USED - | (17) |
| | ADA CURB CUT RAMP | (18) |
| | PARK BENCH, REFER TO SPECIFICATIONS | (19) |
| | PARKING STRIPING | (20) |



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| NO. | DATE | DESCRIPTION | BY |
| 1 | 05/20/2021 | 50% SUBMITAL | VERDE |

REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
 VERDE DESIGN INC.
 2455 THE ALAMEDA #200
 SANTA CLARA, CA 95050

THIS PLAN WAS PREPARED UNDER MY DIRECTION APPROVED BY:
 ROBERT OVADIA R.C.E. 52664
 DIRECTOR OF PUBLIC WORKS

DRAWN By MK Checked DM
 DESIGN By VERDE Checked DM
 QUANTITIES By Checked
 SCALE: HORIZONTAL: NTS VERTICAL: NTS

TOWN OF ATHERTON
 DEPARTMENT OF PUBLIC WORKS



HOLBROOK PALMER PARK
 MATERIAL AND DETAIL REFERENCE PLAN
 L8.1

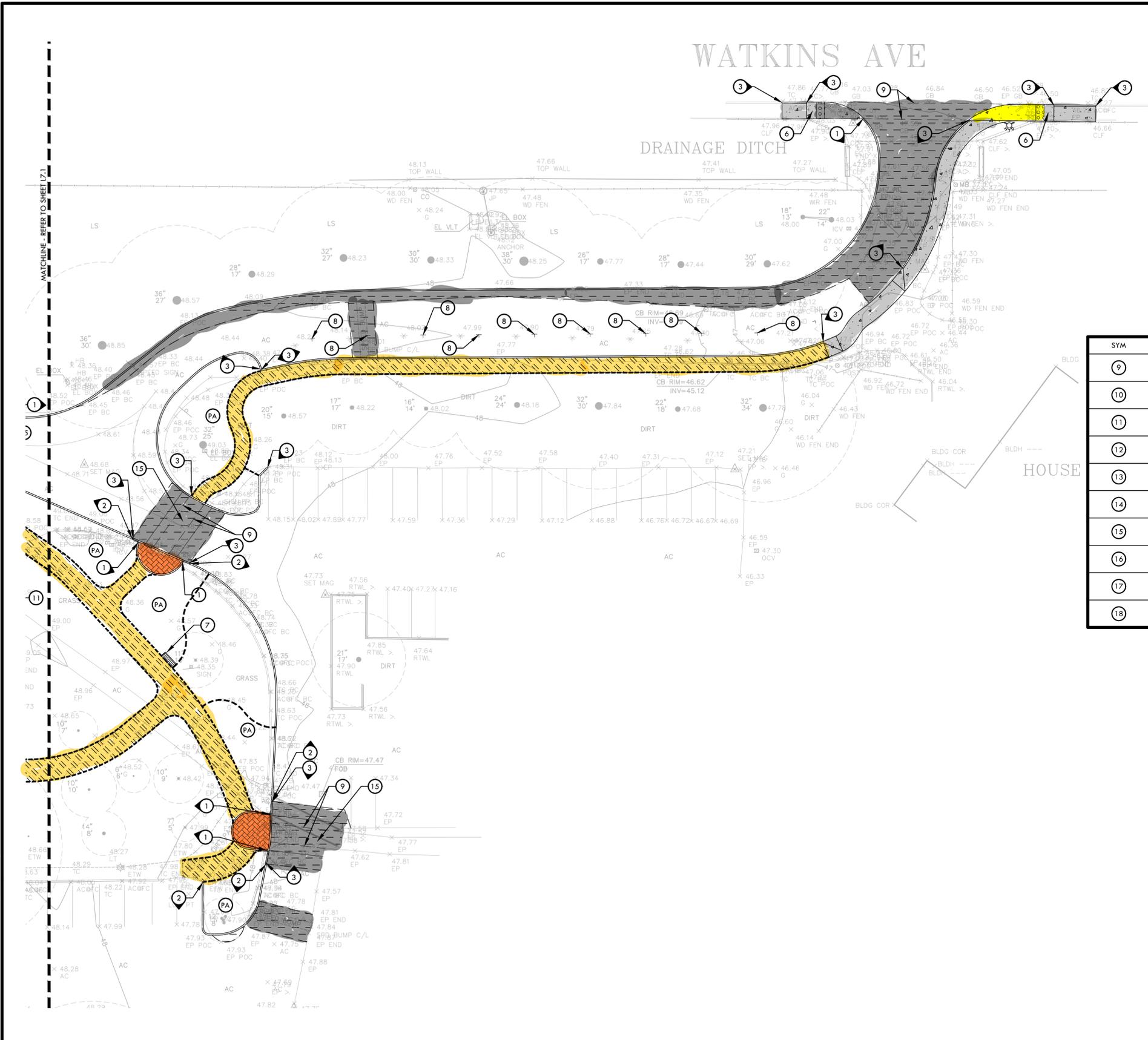
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|---|--------------|-------|----|
| DISREGARD PRINTS BEARING EARLIER PLOT DATES | DATE PLOTTED | SHEET | OF |
| | 05/20/2021 | | |

MATERIAL NOTES

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
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MATERIAL LEGEND

| SYM | DESCRIPTION | DTL REF | SYM | DESCRIPTION | DTL REF |
|-----|--|----------|----------|---|----------|
| 9 | CROSSWALK STRIPING | (Symbol) | (Symbol) | ASPHALT PAVING (PEDESTRIAN) | (Symbol) |
| 10 | TRASH & RECYCLING RECEPTACLE, REFER TO SPECIFICATIONS | (Symbol) | (Symbol) | ASPHALT PAVING (VEHICULAR) | (Symbol) |
| 11 | DOG WASTE RECEPTACLE, REFER TO SPECIFICATIONS | (Symbol) | (Symbol) | CONCRETE PAVING (PEDESTRIAN) | (Symbol) |
| 12 | 12" TALL CONCRETE CURB WITH FENCE | (Symbol) | (Symbol) | DECORATIVE INTERLOCKING PAVERS | (Symbol) |
| 13 | 12" COLORED CONCRETE EDGE BAND, REFER TO SPECIFICATIONS | (Symbol) | (Symbol) | COLORED CONCRETE, REFER TO SPECIFICATIONS | (Symbol) |
| 14 | COLORED CONCRETE COMPASS PAVING PATTERN, REFER TO SPECIFICATIONS | (Symbol) | (Symbol) | DECOMPOSED GRANITE, REFER TO SPECIFICATIONS | (Symbol) |
| 15 | RAISED CROSSWALK ISLAND | (Symbol) | (Symbol) | TRUNCATED DOMES, REFER TO SPECIFICATIONS | (Symbol) |
| 16 | BICYCLE PARKING RACK, REFER TO SPECIFICATIONS | (Symbol) | (Symbol) | MULCH, REFER TO SPECIFICATIONS | (Symbol) |
| 17 | ADA PICNIC TABLE, REFER TO SPECIFICATIONS | (Symbol) | (Symbol) | 48" TALL ORNAMENTAL FENCE | (Symbol) |
| 18 | RELOCATED EXISTING PICNIC TABLES | (Symbol) | (Symbol) | METAL HEADER | (Symbol) |
| | | | (Symbol) | NEW ASPHALT EDGE, CONFORM NEW ASPHALT TO EXISTING ASPHALT | |
| | | | (Symbol) | PLANTING AREA, REFER TO PLANTING PLAN | |
| | | | (Symbol) | 6" CONCRETE EDGE BAND | (Symbol) |
| | | | (Symbol) | 6" ASPHALT CURB | (Symbol) |
| | | | (Symbol) | 6" CONCRETE CURB | (Symbol) |
| | | | (Symbol) | - NOT USED - | (Symbol) |
| | | | (Symbol) | - NOT USED - | (Symbol) |
| | | | (Symbol) | ADA CURB CUT RAMP | (Symbol) |
| | | | (Symbol) | PARK BENCH, REFER TO SPECIFICATIONS | (Symbol) |
| | | | (Symbol) | PARKING STRIPING | (Symbol) |



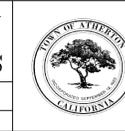
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| NO. | DATE | DESCRIPTION | BY |
|-----|------------|---------------|-------|
| 1 | 05/20/2021 | 50% SUBMITTAL | VERDE |

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|---------------------------|------|
| REGISTERED CIVIL ENGINEER | DATE |
| PLANS APPROVAL DATE | |
| VERDE DESIGN INC. | |
| 2455 THE ALAMEDA #200 | |
| SANTA CLARA, CA 95050 | |

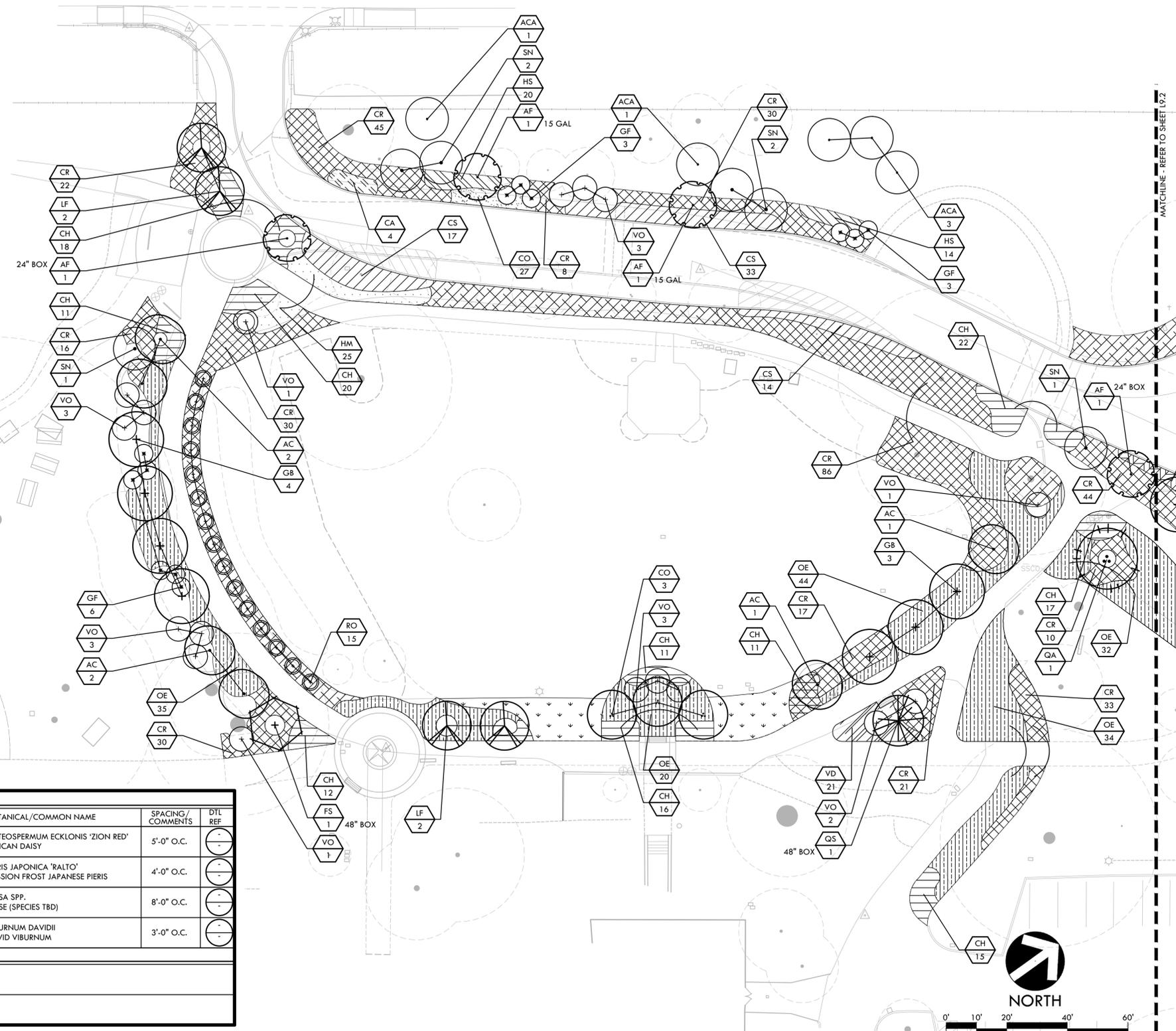
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|---|--------------|
| THIS PLAN WAS PREPARED UNDER MY DIRECTION | |
| APPROVED BY: | |
| ROBERT OVADIA | R.C.E. 52664 |
| DIRECTOR OF PUBLIC WORKS | |

| | | |
|------------------------|----------|---------------|
| DRAWN | By MK | Checked DM |
| DESIGN | By VERDE | Checked DM |
| QUANTITIES | By | Checked |
| SCALE: HORIZONTAL: NTS | | VERTICAL: NTS |



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|---|--------------|------------------------------------|----|
| TOWN OF ATHERTON | | DEPARTMENT OF PUBLIC WORKS | |
| L8.2 | | HOLBROOK PALMER PARK | |
| | | MATERIAL AND DETAIL REFERENCE PLAN | |
| DISREGARD PRINTS BEARING EARLIER PLOT DATES | DATE PLOTTED | SHEET | OF |
| | 05/20/2021 | | |

WATKINS AVE



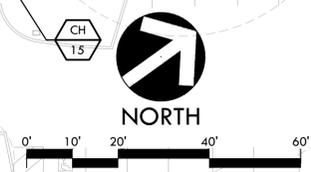
- ### PLANTING NOTES
- CONTRACTOR SHALL PROTECT AND MAINTAIN ALL PLANT MATERIAL FROM TIME OF DELIVERY TO TIME OF FINAL ACCEPTANCE. OWNER SHALL NOT BE RESPONSIBLE FOR LOSSES DUE TO VANDALISM, THEFT OR SEVERE WEATHER.
 - CONTRACTOR SHALL PLACE PLANT MATERIALS SO THEY DO NOT INTERFERE WITH IRRIGATION SYSTEM OR INHIBIT REQUIRED COVERAGE. PLANT LOCATIONS MAY BE ADJUSTED AS LONG AS DESIGN INTENT IS NOT COMPROMISED. CONTRACTOR SHALL SET OUT PLANT MATERIAL AS PER PLAN AND RECEIVE ACCEPTANCE FROM OWNER'S REPRESENTATIVE WITH RESPECT TO PLANT HEALTH AND LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL GIVE MINIMUM 2 WORKING DAYS NOTICE FOR OBSERVATION AND SHALL HAVE ALL PLANT MATERIAL IN SPECIFIED LOCATIONS FOR REVIEW AT ONE TIME. CONTRACTOR SHALL REPLACE ANY MATERIAL AS REQUESTED BY OWNER'S REPRESENTATIVE.
 - ALL NON-TURF PLANTING AREAS SHALL RECEIVE A 3" LAYER OF BARK MULCH TOP DRESS (UNLESS NOTED OTHERWISE). REFER TO SPECIFICATIONS.
 - WHEN WORK HAS TO OCCUR UNDER THE DRIPLINE OF EXISTING TREES NOT SCHEDULED FOR REMOVAL, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO THE TREES AND TREE ROOTS. GRADE IN LINES RADIAL TO THE EXISTING TREES RATHER THAN TANGENTIAL. ALL PARTIAL CUTS OR TEARS THROUGH ROOTS TWO INCHES IN DIAMETER AND LARGER SHALL BE CUT CLEAN. TRENCHES ADJACENT TO TREES SHALL BE FILLED WITHIN 24 HOURS AFTER EXCAVATION, BUT WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE, AND ANY EXPOSED ROOTS SHALL BE KEPT SHADED AND MOIST WITH DAMPENED BURLAP OR CANVAS.
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 - CONTRACTOR SHALL PROVIDE JUTE NETTING IN THE ENTIRE PLANTING AREAS. STAKE JUTE NETTING 36" ON CENTER.

PLANTING LEGEND

| SYM | QTY | SIZE | BOTANICAL/COMMON NAME | SPACING/ COMMENTS | DTL REF |
|---------------------|-----|-----------------|--|-------------------|---------|
| TREES | | | | | |
| AF | 4 | 15 GAL, 24" BOX | AGONIS FLEXUOSA 'BURGUNDY' BURGUNDY PEPPERMINT WILLOW | PER PLAN | (-) |
| AC | 6 | 24" BOX | AESCULUS X CARNEA RED HORSE CHESTNUT | 18'-0" O.C. | (-) |
| CO | 4 | 15 GAL. | CERCIS OCCIDENTALIS WESTERN RED BUD (MULTI-TRUNK) | 16'-0" O.C. | (-) |
| FS | 2 | 24", 48" BOX | FAGUS SYLVATICA COPPER BEECH | PER PLAN | (-) |
| GB | 8 | 24" BOX | GINKGO BILOBA MAIDENHAIR TREE (MALE) | 18'-0" O.C. | (-) |
| LF | 4 | 24" BOX | LYONOTHAMNUS FLORIBUNDUS CATALINA IRONWOOD | 16'-0" O.C. | (-) |
| QA | 1 | 36" BOX | QUERCUS AGRIFOLIA COASTAL LIVE OAK (MULTI-TRUNK) | PER PLAN | (-) |
| QS | 2 | 24", 48" BOX | QUERCUS SUBER CORK OAK | PER PLAN | (-) |
| LARGE SHRUBS | | | | | |
| ACA | 5 | 15 GAL | AESCULUS CALIFORNICA CALIFORNIA BUCKEYE | PER PLAN | (-) |
| AP | 1 | 24" BOX | ACER PALMATUM JAPANESE MAPLE | PER PLAN | (-) |
| GF | 15 | 5 GAL | GREVILLEA FILIOBA (NO COMMON NAME) | 4'-6" O.C. | (-) |
| SN | 6 | 15 GAL | SAMBUCUS NIGRA 'PURPUREA' BLACK ELDERBERRY | PER PLAN | (-) |
| VO | 19 | 5 GAL | 'VIBURNUM OPULUS 'ROSEUM' COMMON SNOWBALL VIBURNUM | 7'-0" O.C. | (-) |

GROUND PLANE PLANTINGS

| SYM | QTY | SIZE | BOTANICAL/COMMON NAME | SPACING/ COMMENTS | DTL REF |
|------------------------|-----|-------|--|-------------------|---------|
| OE | 203 | 1 GAL | OSTEOSPERMUM ECKLONIS 'ZION RED' AFRICAN DAISY | 5'-0" O.C. | (-) |
| PJ | 3 | 5 GAL | PIERIS JAPONICA 'RALTO' PASSION FROST JAPANESE PIERIS | 4'-0" O.C. | (-) |
| RO | 15 | 5 GAL | ROSA SPP. ROSE (SPECIES TBD) | 8'-0" O.C. | (-) |
| VD | 82 | 1 GAL | VIBURNUM DAVIDII DAVID VIBURNUM | 3'-0" O.C. | (-) |
| MISCELLANEOUS | | | | | |
| TURF - REFER TO SPECS | | | | | |
| MULCH - REFER TO SPECS | | | | | |



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| NO. | DATE | DESCRIPTION | BY |
| 1 | 05/20/2021 | 50% SUBMITTAL | VERDE |

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 VERDE DESIGN INC.
 2455 THE ALAMEDA #200
 SANTA CLARA, CA 95050

THIS PLAN WAS PREPARED UNDER MY DIRECTION APPROVED BY:
 ROBERT OVADIA R.C.E. 52664
 DIRECTOR OF PUBLIC WORKS

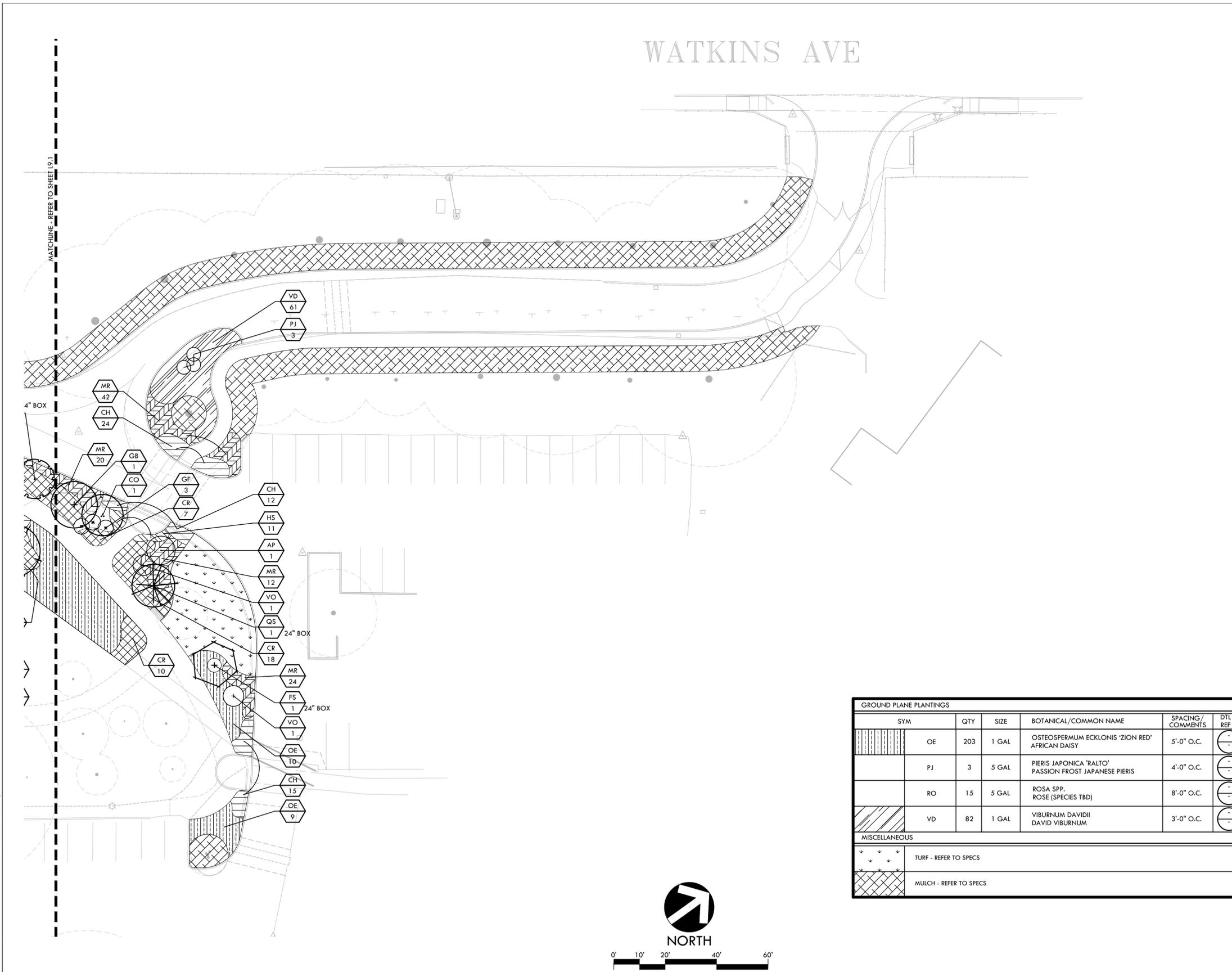
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 DESIGN By VERDE Checked DM
 QUANTITIES By Checked
 SCALE: HORIZONTAL: NTS VERTICAL: NTS

TOWN OF ATHERTON
DEPARTMENT OF PUBLIC WORKS
 ORIGINAL SCALE IS IN INCHES FOR REDUCED PLANS



HOLBROOK PALMER PARK
L9.1 PLANTING PLAN
 DISREGARD PRINTS BEARING EARLIER PLOT DATES → DATE PLOTTED 05/20/2021 SHEET OF

WATKINS AVE

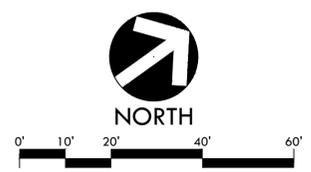


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PLANTING LEGEND

| SYM | QTY | SIZE | BOTANICAL/COMMON NAME | SPACING/COMMENTS | DTL REF |
|-------------------------------|----------------|-----------------|--|------------------|---------|
| TREES | | | | | |
| AF | 4 | 15 GAL, 24" BOX | AGONIS FLEXUOSA 'BURGUNDY' BURGUNDY PEPPERMINT WILLOW | PER PLAN | (-) |
| AC | 6 | 24" BOX | AESCULUS X CARNEA RED HORSE CHESTNUT | 18'-0" O.C. | (-) |
| CO | 4 | 15 GAL. | CERCIS OCCIDENTALIS WESTERN RED BUD (MULTI-TRUNK) | 16'-0" O.C. | (-) |
| FS | 2 | 24", 48" BOX | FAGUS SYLVATICA COPPER BEECH | PER PLAN | (-) |
| GB | 8 | 24" BOX | GINKGO BILOBA MAIDENHAIR TREE (MALE) | 18'-0" O.C. | (-) |
| LF | 4 | 24" BOX | LYONOTHAMNUS FLORIBUNDUS CATALINA IRONWOOD | 16'-0" O.C. | (-) |
| QA | 1 | 36" BOX | QUERCUS AGRIFOLIA COASTAL LIVE OAK (MULTI-TRUNK) | PER PLAN | (-) |
| QS | 2 | 24", 48" BOX | QUERCUS SUBER CORK OAK | PER PLAN | (-) |
| LARGE SHRUBS | | | | | |
| ACA | 5 | 15 GAL | AESCULUS CALIFORNICA CALIFORNIA BUCKEYE | PER PLAN | (-) |
| AP | 1 | 24" BOX | ACER PALMATUM JAPANESE MAPLE | PER PLAN | (-) |
| GF | 15 | 5 GAL | GREVILLEA FILIOBA (NO COMMON NAME) | 4'-6" O.C. | (-) |
| SN | 6 | 15 GAL | SAMBUCUS NIGRA 'PURPUREA' BLACK ELDERBERRY | PER PLAN | (-) |
| VO | 19 | 5 GAL | VIBURNUM OPULUS 'ROSEUM' COMMON SNOWBALL VIBURNUM | 7'-0" O.C. | (-) |
| GROUND PLANE PLANTINGS | | | | | |
| SYM | QTY | SIZE | BOTANICAL/COMMON NAME | SPACING/COMMENTS | DTL REF |
| OE | 203 | 1 GAL | OSTEOSPERMUM ECKLONIS 'ZION RED' AFRICAN DAISY | 5'-0" O.C. | (-) |
| PJ | 3 | 5 GAL | PIERIS JAPONICA 'RALTO' PASSION FROST JAPANESE PIERIS | 4'-0" O.C. | (-) |
| RO | 15 | 5 GAL | ROSA SPP. ROSE (SPECIES TBD) | 8'-0" O.C. | (-) |
| VD | 82 | 1 GAL | VIBURNUM DAVIDII DAVID VIBURNUM | 3'-0" O.C. | (-) |
| MISCELLANEOUS | | | | | |
| TURF | REFER TO SPECS | | | | |
| MULCH | REFER TO SPECS | | | | |
| GROUND PLANE PLANTINGS | | | | | |
| SYM | QTY | SIZE | BOTANICAL/COMMON NAME | SPACING/COMMENTS | DTL REF |
| CS | 64 | 1 GAL | CALANDRINIA SPECTABILIS ROCK PURSLANE | 4'-0" O.C. | (-) |
| CA | 4 | 1 GAL | CALLISTEMON 'LITTLE JOHN' LITTLE JOHN DWARF BOTTLEBRUSH | 4'-0" O.C. | (-) |
| CE | 27 | 1 GAL | CAREX OSHIJUMENSIS 'EVERILLO' JAPANESE SEDGE | 2'-0" O.C. | (-) |
| CH | 163 | 1 GAL | CISTUS HYBRIDUS 'MICKIE' ROCKROSE | 2'-6" O.C. | (-) |
| CR | 408 | 1 GAL | CORREA REFLEXA NATIVE FUCHSIA | 3'-0" O.C. | (-) |
| HM | 25 | 1 GAL | HAKONECHLOA MACRA JAPANESE FOREST GRASS | 3'-0" O.C. | (-) |
| HS | 45 | 1 GAL | HEMEROCALLIS SPP. DAY LILY | 3'-0" O.C. | (-) |
| MR | 98 | 1 GAL | MAHONIA REPENS CREEPING BARBERRY | 3'-0" O.C. | (-) |



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| 1 | 05/20/2021 | 50% SUBMITTAL | VERDE |
|-----|------------|---------------|-------|
| NO. | DATE | DESCRIPTION | BY |

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
 VERDE DESIGN INC.
 2455 THE ALAMEDA #200
 SANTA CLARA, CA 95050

THIS PLAN WAS PREPARED UNDER MY DIRECTION APPROVED BY:
 ROBERT OVADIA R.C.E. 52664
 DIRECTOR OF PUBLIC WORKS

DRAWN By MK Checked DM
 DESIGN By VERDE Checked DM
 QUANTITIES By Checked
 SCALE: HORIZONTAL: NTS VERTICAL: NTS

TOWN OF ATHERTON
 DEPARTMENT OF PUBLIC WORKS



HOLBROOK PALMER PARK
L9.2 PLANTING PLAN
 DISREGARD PRINTS BEARING EARLIER PLOT DATES → DATE PLOTTED SHEET OF
 05/20/2021

FENCING OPTIONS

AMERISTAR (MAJESTIC STYLE)



AMERISTAR (MAJESTIC STYLE W/ RINGS)



CONCRETE COLORS OPTIONS

DAVIS COLORS (DARK GRAY)



DAVIS COLORS (LIGHT GRAY)



PERMEABLE PAVER

CALSTONE (MISSION PERMEABLE)



STABILIZED DG

TMT ENTERPRISES (CALIFORNIA STABILIZED GOLD FINES)



ASPHALT PAVING OPTIONS

STANDARD ASPHALT PAVING



SLURRY SEAL OVER ASPHALT PAVING



EDGE MATERIALS

PERMALOC (METAL HEADER)



PICNIC TABLE OPTIONS

BELSON (CLASSIC STYLE) \$2,290



BELSON (WALDEN) \$1,889



*AVAILABLE WITH PLASTIC SLATS OR EMBOSSED "WOOD" PLASTIC SLATS
*NO SURFACE MOUNT

BELSON (A FRAME OUTDOOR TABLE) \$985



*NO SURFACE MOUNT

BELSON (PARK PLACE TABLE) \$901



*NO SURFACE MOUNT

BELSON (RECYCLED PLASTIC TABLE) \$2,192



BIKE RACK OPTIONS

| | | | |
|---|--|---|---|
| <p>PARKIT (POWDERCOATED STEEL BIKE RACK)</p>  <p>\$330 *CURRENTLY ON SITE</p> | <p>THOMAS STEELE (SHARK UP)</p>  <p>\$520 EA.</p> | <p>FORMS AND SURFACES (TRIO)</p>  <p>\$489 EA.</p> | <p>FORMS AND SURFACES (BIKE GARDEN)</p>  <p>\$2,310 EA. * PRICE FOR CONFIGURATION SHOWN</p> |
| <p>LANDSCAPE FORMS (RIDE)</p>  <p>\$520 EA.</p> | <p>LANDSCAPE FORMS (MULTIPLICITY)</p>  <p>\$460 EA.</p> | <p>LANDSCAPE FORMS (BICILINEA)</p>  <p>\$4500 EA.</p> | |

LIGHTING

| |
|--|
| <p>RAB (ALED3T78N)</p>  <p>\$649 *FIXTURE ONLY, POLE TBD</p> |
|--|

WATER FOUNTAIN OPTIONS

| | | | |
|---|---|--|---|
| <p>HADDONSTONE (ETON COLLEGE FOUNTAIN)</p>  <p>\$3,627 *WITH PLUMBING</p> | <p>HADDONSTONE (WISLEY GARDEN FOUNTAIN)</p>  <p>\$4,337 *WITH PLUMBING</p> | <p>HADDONSTONE (QUADRUPLE LOTUS BOWL FOUNTAIN)</p>  <p>\$96,950 *WITH PLUMBING</p> | <p>HADDONSTONE (TRIPLE LOTUS BOWL FOUNTAIN)</p>  <p>\$14,822 *WITH PLUMBING</p> |
|---|---|--|---|



PARK BENCH OPTIONS

| | | | |
|--|---|---|---|
| <p>CASUAL COUNTRY TEAK (COVENTRY BENCH) \$963</p>  | <p>BELSON (COURTYARD BENCH) \$1,569</p>  | <p>BELSON (HERITAGE BENCH) \$997</p>  | <p>BELSON (PALISADE BENCH) \$1,148</p>  |
| <p>LANDSCAPE FORMS (GRETCHEN BENCH) \$2370</p>  | <p>LANDSCAPE FORMS (TOWN SQUARE BENCH) \$1590</p>  | <p>LANDSCAPE FORMS (PARC VUE) \$1750</p>  | <p>LANDSCAPE FORMS (LAKESIDE BENCH) \$2310</p>  |

TRASH AND RECYCLING RECEPTACLE OPTIONS

| | | | |
|---|---|---|---|
| <p>TREETOP PRODUCTS (TWO TONE RECYCLING CONTAINER) \$1,198.85</p>  | <p>LANDSCAPE FORMS (CHASE PARK) \$3,260 *FOR 2, 1 RECYLING AND 1 TRASH</p>  | <p>LANDSCAPE FORMS (PARCVUE) \$1,720 *FOR 2, 1 RECYLING AND 1 TRASH</p>  | <p>KAY PARK (HINGED RECEPTACLE) \$952</p>  |
|---|---|---|---|

DOG WASTE RECEPTACLE OPTIONS

| | | |
|---|--|---|
| <p>DOG WASTE DEPOT (DOG WASTE STATION) \$239</p>  | <p>GLASDON (PET WASTE STATION) \$431</p>  | <p>BARCO (PET WASTE STATION) \$588</p>  |
|---|--|---|



SELECTION OF EXISTING PLANTS TO REMAIN

| | | |
|--|--|--|
| <p><i>HEMEROCALLIS SPP.</i> DAY LILY</p>  | <p><i>DIETES BICOLOR</i> AFRICAN IRIS</p>  | <p><i>ROSA SPP.</i> ROSE</p>  |
|--|--|--|

ENHANCEMENT PLANTINGS

| | | | |
|---|---|---|---|
| <p><i>CALANDRINIA SPECTABILIS</i> ROCK PURSLANE</p>  | <p><i>CAREX OSHIHUMENSIS 'EVERILLO'</i> JAPANESE SEDGE</p>  | <p><i>CALLISTEMON 'LITTLE JOHN'</i> LITTLE JOHN DWARF BOTTLEBRUSH</p>  | <p><i>CISTUS HYBRIDUS 'MICKIE'</i> ROCKROSE</p>  |
| <p><i>CORREA REFLEXA</i> NATIVE FUCHSIA</p>  | <p><i>MAHONIA REPENS</i> CREEPING BARBERRY</p>  | <p><i>OSTEOSPERMUM ECKLONIS 'ZION RED'</i> AFRICAN DAISY</p>  | |

SHADE AREA PLANTINGS

| | | |
|---|--|---|
| <p><i>PIERIS JAPONICA 'RALTO'</i> PASSION FROST JAPANESE PIERIS</p>  | <p><i>HAKONECHLOA MACRA</i> JAPANESE FOREST GRASS</p>  | <p><i>VIBURNUM DAVIDII</i> DAVID VIBURNUM</p>  |
|---|--|---|



SPECIMEN PLANTINGS

| | | | |
|--|--|--|---|
| <p><i>ACER PALMATUM</i> JAPANESE MAPLE</p>  | <p><i>GREVILLEA FILIOBA</i> GREVILLEA</p>  | <p><i>SAMBUCUS NIGRA 'PURPUREA'</i> BLACK ELDERBERRY</p>  | <p><i>VIBURNUM OPULUS 'ROSEUM'</i> COMMON SNOWBALL VIBURNUM</p>  |
|--|--|--|---|

OTHER PLANTINGS

| | | | |
|--|---|--|---|
| <p><i>AGONIS FLEXUOSA 'BURGUNDY'</i> BURGUNDY PEPPERMINT WILLOW</p>  | <p><i>AESCULUS CARNEA</i> RED HORSE CHESTNUT</p>  | <p><i>CERCIS OCCIDENTALIS</i> WESTERN RED BUD (MULTI-TRUNK)</p>  | <p><i>GINKGO BILOBA</i> MAIDENHAIR TREE (MALE)</p>  |
| <p><i>FAGUS SYLVATICA</i> COPPER BEECH</p>  | <p><i>LYONOTHAMNUS FLORIBUNDUS</i> CATALINA IRONWOOD</p>  | <p><i>QUERCUS AGRIFOLIA</i> COASTAL LIVE OAK (MULTI-TRUNK)</p>  | <p><i>QUERCUS SUBER</i> CORK OAK</p>  |

TREES



ATTACHMENT 4

Holbrook-Palmer Park
Town of Atherton
Statement of Probable Construction Costs
June 21, 2021

Verde Design
Job# 1612500
Prepared By: MK
Reviewed By: DM

50% CD Package Revisions

| | Quantity | Unit | Unit Cost | Extension |
|--------------------------------------|----------|------|------------|---------------------|
| 1. Demolition | | | | |
| Clear and Grub | 34,916 | sf | \$0.70 | \$24,441.20 |
| Hardscape Demolition | 24,368 | sf | \$1.25 | \$30,460.00 |
| Relocate Existing Site Furnishings | 1 | ls | \$2,500.00 | \$2,500.00 |
| Sawcut Paving | 1,553 | lf | \$5.00 | \$7,765.00 |
| Tree Removal | 6 | ea | \$1,500.00 | \$9,000.00 |
| Tree Protection | 57 | ea | \$500.00 | \$28,500.00 |
| | | | | \$102,666.00 |
| 2. Grading | | | | |
| Rough Grading & Fine Grading | 59,284 | sf | \$1.20 | \$71,140.80 |
| Waste Off Haul | 1,098 | cy | \$45.00 | \$49,403.33 |
| | | | | \$120,544.00 |
| 3. Hardscape | | | | |
| Asphalt Paving - Vehicular | 5,763 | sf | \$8.00 | \$46,104.00 |
| Colored Concrete Paving - Pedestrian | 523 | sf | \$16.00 | \$8,368.00 |
| Concrete Paving - Pedestrian | 604 | sf | \$13.00 | \$7,852.00 |
| Raised Asphalt Island Crosswalk | 1,506 | sf | \$10.00 | \$15,060.00 |
| Decorative Pavers | 1,062 | sf | \$24.00 | \$25,488.00 |
| 6" Concrete Edgeband | 735 | lf | \$40.00 | \$29,400.00 |
| 6" Concrete Curb | 844 | lf | \$60.00 | \$50,640.00 |
| 12" Tall Concrete Curb | 26 | lf | \$100.00 | \$2,600.00 |
| Asphalt Curb | 215 | lf | \$35.00 | \$7,525.00 |
| Truncated Domes | 109 | sf | \$75.00 | \$8,175.00 |
| Concrete Curb Ramp | 134 | sf | \$40.00 | \$5,360.00 |
| Stabilized Decomposed Granite Paving | 14,197 | sf | \$5.00 | \$70,985.00 |
| Crosswalk and Parking Striping | 1 | ea | \$6,000.00 | \$6,000.00 |
| Metal Header | 3,372 | lf | \$16.00 | \$53,952.00 |
| | | | | \$337,509.00 |
| 4. Site Furnishings | | | | |
| Bike Rack | 2 | ea | \$800.00 | \$1,600.00 |
| Dog Station | 2 | ea | \$600.00 | \$1,200.00 |
| Trash and Recycling Receptacle | 6 | ea | \$2,000.00 | \$12,000.00 |
| ADA Picnic Tables | 3 | ea | \$4,000.00 | \$12,000.00 |
| Park Benches | 4 | ea | \$1,500.00 | \$6,000.00 |
| | | | | \$32,800.00 |
| 5. Utility Improvements | | | | |
| Fire Hydrant Replacement | 2 | ea | \$5,000.00 | \$10,000.00 |
| Drain Line Replacement & Adjustment | 1 | ls | \$3,500.00 | \$3,500.00 |
| Curb Inlet Replacement & Adjustment | 2 | ea | \$3,500.00 | \$7,000.00 |
| | | | | \$20,500.00 |
| 6. Irrigation | | | | |
| Irrigation Allowance | 17,869 | sf | \$7.00 | \$125,083.00 |
| | | | | \$125,083.00 |

ATTACHMENT 4

7. Landscape

| | | | | |
|-----------------------------|--------|----|------------|--------------------|
| Trees - 15 Gal | 6 | ea | \$400.00 | \$2,400.00 |
| Trees - 24" Box | 22 | ea | \$800.00 | \$17,600.00 |
| Trees - 36" Box | 3 | ea | \$3,000.00 | \$9,000.00 |
| Ground Cover Shrubs - 1 Gal | 1,186 | ea | \$25.00 | \$29,650.00 |
| Ground Cover Shrubs - 5 Gal | 18 | ea | \$50.00 | \$900.00 |
| Large Shrubs - 5 Gal | 34 | ea | \$100.00 | \$3,400.00 |
| Large Shrubs - 15 Gal | 11 | ea | \$200.00 | \$2,200.00 |
| Large Shrubs - 24" Box | 1 | ea | \$250.00 | \$250.00 |
| Mulch | 5,894 | sf | \$1.00 | \$5,894.00 |
| Fine Grading | 17,869 | sf | \$0.75 | \$13,401.75 |
| Soil Prep | 17,869 | sf | \$0.75 | \$13,401.75 |
| | | | | \$98,098.00 |

| | | | | |
|---|--|--|--|-----------------------|
| Subtotal | | | | \$837,200.00 |
| Survey, Permits, Traffic, SWPPP, etc. - 3% | | | | \$25,116.00 |
| Bonding 2% | | | | \$16,744.00 |
| Mobilization & Project Management 10% | | | | \$83,720.00 |
| Design Contingency 5% | | | | \$41,860.00 |
| Construction Contingency 8% | | | | \$66,976.00 |
| Bidding Contingency 5% | | | | \$41,860.00 |
| Total - 50% Submittal | | | | \$1,113,476.00 |

Bid Alternate 1: Entry / Exit Elements

Entry Area

| | | | | |
|-------------------------------|----|----|------------|-------------|
| Decorative Posts and Lights | 6 | ea | \$4,000.00 | \$24,000.00 |
| 48" Tall Decorative Fence | 86 | lf | \$150.00 | \$12,900.00 |
| 6" Posts at Fence | 8 | ea | \$150.00 | \$1,200.00 |
| Grade Beam | 86 | lf | \$150.00 | \$12,900.00 |
| 10' Panel | 2 | ea | \$3,000.00 | \$6,000.00 |
| Signage | 1 | ls | \$2,000.00 | \$2,000.00 |
| Decorative Pavers | 75 | sf | \$24.00 | \$1,800.00 |
| Relocate Electrical Equipment | 1 | ls | \$5,000.00 | \$5,000.00 |

Exit Area

| | | | | |
|-------------------------------|-----|----|------------|-------------|
| Decorative Posts and Lights | 6 | ea | \$4,000.00 | \$24,000.00 |
| 48" Tall Decorative Fence | 104 | lf | \$150.00 | \$15,600.00 |
| 6" Posts at Fence | 8 | ea | \$150.00 | \$1,200.00 |
| Grade Beam | 104 | lf | \$150.00 | \$15,600.00 |
| 10' Panel | 2 | ea | \$3,000.00 | \$6,000.00 |
| Signage | 1 | ls | \$2,000.00 | \$2,000.00 |
| Relocate Electrical Equipment | 1 | ls | \$5,000.00 | \$5,000.00 |

| | | | | |
|---|--|--|--|---------------------|
| Subtotal | | | | \$135,200.00 |
| Survey, Permits, Traffic, SWPPP, etc. - 3% | | | | \$4,056.00 |
| Bonding 2% | | | | \$2,704.00 |
| Mobilization & Project Management 10% | | | | \$13,520.00 |
| Design Contingency 10% | | | | \$13,520.00 |
| Construction Contingency 8% | | | | \$10,816.00 |
| Bidding Contingency 5% | | | | \$6,760.00 |

| | | | | |
|-------------------------------------|--|--|--|---------------------|
| Bid Alternate 1 Total Costs: | | | | \$186,576.00 |
|-------------------------------------|--|--|--|---------------------|

Bid Alternate 2: Water Fountain Replacement

| | | | | |
|---|---|----|-------------|--------------------|
| Water Fountain Replacement (Wisely Model with Plumbing) | 1 | ls | \$9,000.00 | \$9,000.00 |
| Fountain pump | 1 | ea | \$1,000.00 | \$1,000.00 |
| Remove existing fountain base | 1 | ls | \$3,000.00 | \$3,000.00 |
| New fountain base | 1 | ls | \$30,000.00 | \$30,000.00 |
| Subtotal | | | | \$43,000.00 |
| Survey, Permits, Traffic, SWPPP, etc. - 3% | | | | \$1,290.00 |
| Bonding 2% | | | | \$860.00 |
| Mobilization & Project Management 10% | | | | \$4,300.00 |
| Design Contingency 10% | | | | \$4,300.00 |
| Construction Contingency 8% | | | | \$3,440.00 |
| Bidding Contingency 5% | | | | \$2,150.00 |
| Bid Alternate 2 Total Costs: | | | | \$59,340.00 |

- Notes:
- 1) Design contingency is for further development of design and compensates for unknown elements. We will eliminate as we move to Bid Documents.
 - 2) Bidding contingency is provided due to an unstable bidding environment and accelerated material price increases. This may be removed as proceed into the project bidding phase.
 - 3) Construction Contingency is provided to cover for site conditions and additional work not anticipated for upgrades.
 - 4) In Providing opinions of probable construction cost, the Client understands that the Landscape Architect has no control over costs or the price of labor equipment or materials, or over the Contractor's method of pricing, and that the opinions of probable construction costs provided herein are to be made on the basis of the Landscape Architect's qualifications and experience. The Landscape Architect makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.