OLD ARCATA ROAD IMPROVEMENTS
CITY OF ARCATA
PROJECT NO. RPSTPL - 5021(023)
MAY 2023

TO BE SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION 2022 STANDARD PLANS, 2022 STANDARD SPECIFICATIONS, AND LATEST REVISED STANDARD PLANS AND SPECIFICATIONS.

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KAREN DIXON

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CIVIL ENGINEER
GHD INC.

APPROVED
6/6/2023
6/29/23

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UID:119133 Date:6/1/2023

GHD COVEr SHEET

CITY OF ARCATA
OLD ARCATA ROAD IMPROVEMENTS
COVER SHEET

Sheet 5 of 19

Plot Date: 1 June 2023 - 11:58 AM
Filename: \ghdnet\ghd\US\Eureka\Projects\111\11159130 Arcata Old Arcata Road Improvements\06-CAD\Sheets\11159130_OAR_G-001_COVER SHEET.dwg
**SUMMARY OF QUANTITIES**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Units</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>1</td>
<td>Relocate Fire Hydrant</td>
<td>EA</td>
<td>22</td>
</tr>
<tr>
<td>2</td>
<td>Paint Curb (2-Coat)</td>
<td>LF</td>
<td>18</td>
</tr>
<tr>
<td>3</td>
<td>Sidewalk Underdrain, Type 2</td>
<td>LF</td>
<td>24</td>
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<tr>
<td>4</td>
<td>Enhance Pedestrian Crossing System, Double-Sided</td>
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<tr>
<td>5</td>
<td>4&quot; Painted Parking Stripe (White)</td>
<td>LF</td>
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<tr>
<td>6</td>
<td>Plastic Pipe (24-Inch HDPE)</td>
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<td>7</td>
<td>Plastic Pipe (18-Inch HDPE)</td>
<td>EA</td>
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<td>8</td>
<td>Drainage Inlet (Type G1)</td>
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<td>9</td>
<td>Drainage Inlet (Modified Type G1, 12&quot; x 24&quot;)</td>
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<td>10</td>
<td>Drainage Inlet (Nyloplast Curb Inlet Drain Basin)</td>
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<td>11</td>
<td>Earthwork (Excavation and Embankment)</td>
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<td>12</td>
<td>Miscellaneous Demolition and Removal</td>
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<td>13</td>
<td>Utility Potholing</td>
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<td>ESA Fencing (Cultural)</td>
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<td>15</td>
<td>Class 2 Aggregate Base</td>
<td>LF</td>
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<td>16</td>
<td>Clearing and Grubbing</td>
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<td>17</td>
<td>Concrete Grass Pavers</td>
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<td>Sidewalk Underdrain, Type 2</td>
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<td>19</td>
<td>Convert Drain Inlet to Junction Box</td>
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<td>20</td>
<td>Water Quality Inlet Filter</td>
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<tr>
<td>21</td>
<td>Adjust Manhole Cover to Grade</td>
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<td>22</td>
<td>Adjust Monument Cover to Grade</td>
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<td>23</td>
<td>Adjust Utility Cover to Grade (SSCO, WV)</td>
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<td>Utility Potholing</td>
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<td>31</td>
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<td>33</td>
<td>Adjust Monument Cover to Grade</td>
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<tr>
<td>34</td>
<td>Adjust Utility Cover to Grade (SSCO, WV)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LINE & HATCH LEGEND**

- **Environmentally Sensitive Area (wetland)**
- **Deflection Warning Surface**
- **Dynamic Concrete (pavement markings)**
- **Dynamic Concrete (median/median barrier)**
- **Concrete Bridge Piers**
- **3/8" THICKNESS**
- **5/8" THICKNESS**
- **3" THICKNESS**
- **2" THICKNESS**
- **1" THICKNESS**

**ABBRévIATIONS (TO SUPPLEMENT CALTRANS STANDARD PLANS A3A, A3B, & A3C)**

- **CALTRANS STANDARD PLANS A3A, A3B, & A3C**
- **ABBREVIATIONS (TO SUPPLEMENT**
- **CALIFORNIA BUILDING CODE (CURRENT EDITION)**
- **2022 CALTRANS STANDARD PLAN**

**GENERAL NOTES**

1. THE CONTRACTOR SHALL HAVE A CLASS "C" LICENSE FOR THIS PROJECT.
2. CONTRACTOR TO VERIFY ALL CONDITIONS AND LIMITS PRIOR TO COMMENCING WORK.

**UNDERGROUND UTILITY NOTES**

UNDERGROUND UTILITY NOTES ARE SHOWN BASED ON THE EXISTING LOCATION OF UNDERGROUND PHYSICALS AND ARE AVAILABLE TO THE CONTRACTOR FOR INFORMATION PURPOSES.

- **EXISTING DRAINAGE AND EMBANKMENT**
- **EXISTING UTILITY NOTES**
- **EXISTING UTILITIES HAVE NOT BEEN PHYSICALLY LOCATED.**
- **THE CONTRACTOR IS REQUIRED TO PERFORM A SURVEY PRIOR TO EMPLOYING THE EXISTING INFORMATION AVAILABLE FOR THE LOCATION OF UNDERGROUND UTILITIES.**

- **CITY OF ARCATA**
- **OLD ARCATA ROAD IMPROVEMENTS**
- **NOTES, LEGEND, AND SUMMARY OF QUANTITIES**

**CITY OF ARCATA**

**RELOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE.**

- **THE EXISTING UTILITIES HAVE NOT BEEN PHYSICALLY LOCATED.**
- **THE UNDERGROUND UTILITIES HAVE NOT BEEN PHYSICALLY LOCATED.**
- **THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATIONS INDICATED.**
- **THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATIONS INDICATED.**
- **THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT BY DIALING 811 A**

- **EUREKA CALIFORNIA 95501 USA**
- **707 444 8330**
- **GHD**
- **SHORT IN DESCRIPTION**
- **LONG IN DESCRIPTION**
CONSTRUCTION SIGN NOTES:
1. All work on any sign shall be suitably updated, corrected, or removed. The contractor to verify all vegetation locations and limits within limits of work. Boundaries were not surveyed.

2. Contractor to comply with Business and Professions Code 8771 (b) regarding referencing, preserving topographic data.

3. Aligned for post configuration to be approved by Engineer.

TYPICAL STATIONARY CONSTRUCTION AREA SIGNS

SURVEY CONTROL, STAGING LOCATIONS AND CONSTRUCTION AREA SIGNS

STAGING & STOCKPILE NOTES:
1. Stockpile shall remain from local, and remain set aside for other approved land usages and stockpile.

2. Stockpile shall remain set aside for other approved land usages and stockpile.

3. If temporary culverts are installed, in the stockpile. Cut-off use shall be the responsibility of the contractor.

4. Aligned for post configuration to be approved through the City of Arcata with RFD approval.
**NOTES:**

1. REFER TO SPECIFICATIONS FOR REQUIRED HMA TYPE AND AGGREGATION GRADATIONS.

2. SEE SHEETS 1-11 FOR UNDERGROUND UTILITIES LOCATIONS.

3. SEE SHEETS 14-17 FOR PAVEMENT REMOVAL AND DEMOLITION LOCATIONS.

4. THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY.

**PAVEMENT STRUCTURAL SECTIONS**

- 2" HMA LEVELING COURSE
- 2" HMA OVERLAY
- COLD PLANE PAVEMENT INTERLAYER (PAVING FABRIC)
- SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B)
- REPLACEMENT CONCRETE GRASS PAVING
- COLD PLANE PAVEMENT (2.5" DEPTH)
- 12' TRAVEL LANE
- 9' (MIN) PARKING
- 3.8' TO 21.5' SIDEWALK
- 16' TO 19' TRAVEL LANE
- 18" SD PIPE
-빅트로 적은 화장실
- STAR "JS" 1+52 TO STA "JS" 2+04
- TYPICAL SECTION - JACOB CREEK RD
- NOT TO SCALE
- STA "JS" 2+04 TO STA "JS" 5+21
- TYPICAL SECTION - JACOB CREEK RD

- 7.7' TO 18.6' LANDSCAPE
- 1.5% VAR FLATTER
- 2% VAR FLATTER
- 2% VAR FLATTER
- 1% TO 2% LANDSCAPE
- 0.7' TO 14.5' EMBANKMENT
- 3.3' TO 8.0' SHOULDER
- 27.5' TO 36.0' TRAVEL LANE

**NOT TO SCALE**

- STA "JC" 2+98 TO STA "JC" 5+21
- TYPICAL SECTION - JACOB CREEK RD
- NOT TO SCALE
- STA "JC" 5+21 TO STA "JC" 7+36
- TYPICAL SECTION - JACOB CREEK RD
- NOT TO SCALE

- STA "JC" LINE PG
- FIG.
- Eureka California 95501 USA
- www.ghd.com
- F 1 707 444 8330
- W
- T
- 11 707 443 8326
- Project
- Drawn
- Drafting
- 5/26/23
- Plot Date: No. 26 May 2023 - 3:52 PM
- Issue Plotted By: Camille Penny

**TYPICAL SECTION - JACOB CREEK RD**

STA "JC" 1+52 TO STA "JC" 2+04

*NOT TO SCALE*

- STA "JC" 2+04 TO STA "JC" 5+21
- TYPICAL SECTION - JACOB CREEK RD

- STA "JC" 5+21 TO STA "JC" 7+36
- TYPICAL SECTION - JACOB CREEK RD

**NOT TO SCALE**

**TYPICAL SECTION - HYLAND ST**

STA "HS" 1+00 TO STA "HS" 4+39

*NOT TO SCALE*

**NOTES:**

1. REFER TO SPECIFICATIONS FOR REQUIRED HMA TYPE AND AGGREGATION GRADATIONS.

2. SEE SHEETS 1-11 FOR UNDERGROUND UTILITIES LOCATIONS.

3. SEE SHEETS 14-17 FOR PAVEMENT REMOVAL AND DEMOLITION LOCATIONS.

4. THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY.

**PAVEMENT STRUCTURAL SECTIONS**

- 2" HMA LEVELING COURSE
- 2" HMA OVERLAY
- COLD PLANE PAVEMENT INTERLAYER (PAVING FABRIC)
- SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B)
- REPLACEMENT CONCRETE GRASS PAVING
- COLD PLANE PAVEMENT (2.5" DEPTH)
- 12' TRAVEL LANE
- 9' (MIN) PARKING
- 3.8' TO 21.5' SIDEWALK
- 16' TO 19' TRAVEL LANE
- 18" SD PIPE
- 빅트로 적은 화장실
- STAR "HS" 1+52 TO STA "HS" 4+39
- TYPICAL SECTION - HYLAND ST

- STA "HS" 1+00 TO STA "HS" 4+39
- TYPICAL SECTION - HYLAND ST

*NOT TO SCALE*
1. Remove existing speed hump to depth.
2. R/W.
3. Remove asphalt concrete pavement.
4. Not shown on plan.
5. Replace asphalt concrete pavement.
6. Replace AC surfacing (subgrade failure).
7. Replace AC surfacing (alligator cracking).
8. Cold plan paving (2" depth), 2.5" HMA overlay. See Note 1.
9. Cold plan paving (left/depth). See Note 1.
10. Use existing speed hump to project.
11. Refer to layout sheets for utility adjustments.
12. Blade soil to expose existing edge of pavement where needed.
13. Refer to layouts and profile sheets for additional demolition information.
14. Exact locations for AC replacement will be determined by the engineer and construction.
15. Cold plane pavement (2.5" depth), 2.5" HMA overlay, see Note 1.
16. Cold plane pavement (2.5" depth). See Note 1.
18. Geotextile (class B1).
19. Cold plane (conform grind) existing AC.
20. Subgrade enhancement geotextile (class B1).
21. Cold plane pavement (2.5" depth). 2.5" HMA overlay. See Note 1.
22. Permeable concrete driveway.
23. Cold plane (conform grind existing AC).
24. Cold plane pavement (2.5" depth).
25. Remove concrete paving cladding.
PLAN VIEW
OLD ARCATA RD - STA "OAR" 41+00 TO STA "OAR" 46+00

PLAN VIEW
OLD ARCATA RD - STA "OAR" 46+00 TO STA "OAR" 51+50
This document shall not be used for construction unless signed and sealed for construction.

Sheet General Notes:
1. Exact locations for AC replacement will be determined by the engineer and field mark prior to construction.
2.跨境道路各段可以调整位置。
3. Blister AC to expose existing edge of pavement (P1) needed.
4. Paving Sections P1, P2, P6 in Section Between Paving Limits to Paving Limits.
5. See Lot 012 and pavement sheets for additional design information.

Sheet Keynotes:
1. Replace AC surfacing (alligator cracking), SEE NOTE 1
2. Replace AC surfacing (subgrade failure), SEE NOTE 1
3. Cold plan pavement (2.5" overlay), 2.5" HMA overlay, SEE NOTE 1

Legend:
- Replace AC surfacing (alligator cracking)
- Replace AC surfacing (subgrade failure)
- 1.5" & 2.5" HMA systems 2000 truck load
- Replace AC surfacing (subgrade failure)
- In-reversible concrete (asphalt) slurry
- Cold plan pavement, 2.5" depth, SEE NOTE 1
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (alligator cracking)
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (subgrade failure)
- In-reversible concrete (asphalt) slurry
- 1.5" HMA systems 2000 truck load
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (subgrade failure)
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (alligator cracking)
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (subgrade failure)
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (alligator cracking)
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (subgrade failure)
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (alligator cracking)
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- Replace AC surfacing (subgrade failure)
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- Replace AC surfacing (alligator cracking)
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- Replace AC surfacing (subgrade failure)
- In-reversible concrete (asphalt) slurry
- Replace AC surfacing (alligator cracking)
- In-reversible concrete (asphalt) slurry
**Sheet General Notes**

1. Exact location for AC replacement will be determined by the engineer and field marked prior to construction.
2. Refer to layout sheets for utility adjustments.
3. Black soil to expose existing edge of pavement where needed.
4. Paving sections P1, P2, P5 occur between pavement limits to pavement limits.
5. See drawing and project note for additional design information.

**Sheet Notes**

1. Replace AC surfacing (alligator cracking) see note 1
2. Replace AC surfacing (subgrade failure) see note 1
3. Cold plane pavement 2'-7" depth, 2'-3" min overlay, see note 1

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**Legend**

- P3: Replace AC surfacing (alligator cracking)
- P4: Replace AC surfacing (subgrade failure)
- P5: Remove tree
- P6: Remove asphalt concrete pavement
- P7: Remove concrete pavement/curb
- P8: Remove tree

---

**Plan View**

JACOBY CREEK RD - STA "JC" 2+00 TO STA "JC" 7+40

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**City of Arcata**

Old Arcata Road Improvements

Paving and demolition plan 7 of 8

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SHEET GENERAL NOTES

1. EXACT LOCATIONS FOR AC REPLACEMENT WILL BE DETERMINED BY THE ENGINEER AND FIELD MARKED PRIOR TO CONSTRUCTION.
2. REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.
3. BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.
4. PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.
5. SEE ATTACHED SHEET GENERAL NOTES FOR ADDITIONAL CONSTRUCTION INFORMATION.

SHEET KEYNOTES

1. REPLACE AC SURFACING (SUBGRADE FAILURE) SEE NOTE 1
2. REPLACE AC SURFACING (ALLIGATOR CRACKING) SEE NOTE 1
3. COLD PLAN PAVEMENT (2.5 FT DEEP), 3" HMA OVERLAY, SEE NOTE 1

LEGEND

- REPLACE AC SURFACING (SUBGRADE FAILURE)
- REPLACE AC SURFACING (ALLIGATOR CRACKING)
- COLD PLAN PAVEMENT (2.5" DEPTH), 2.5" HMA OVERLAY
- 1.5" HMA LEVELING COURSE
- 1.5" HMA OVERLAY
- 1" HMA LEVELING COURSE
- 1" HMA OVERLAY
- 3" HMA (EACH LIFT SHALL BE 1.5" THICK)
- 6" CLASS 2 AB
- SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)
- PERMEABLE CONCRETE GRASS PAVERS
- COLD PLANE (CONFORM GRIND) EXISTING AC
- 11" STAMPED CONCRETE
- NOT SHOWN ON PLAN
- FOR CLARITY

PLAN VIEW

HYLAND STREET - STA "HS" 1+50 TO STA "HS" 4+80
PLAN VIEW
OLD ARCATA RD - STA "OAR" 36+50 TO STA "OAR" 41+00

PROFILE VIEW
SIDEWALK - STA "FC" 30+78 TO STA "FC" 35+28
PLAN VIEW

OLD ARCATA - STA "OAR" 41+00 TO STA "OAR" 46+50

PROFILE VIEW

SIDEWALK - STA "FC" 35+28 TO STA "FC" 40+78

CITY OF ARCATA

OLD ARCATA ROAD IMPROVEMENTS

LAYOUTS AND PROFILES

OLD ARCATA RD - STA OAR 41+00 TO STA OAR 46+50

Dated: 5/26/23

Sheet No. C-109
OLD ARCATA RD - STA "OAR" 46+50 TO STA "OAR" 52+50

PLAN VIEW

PROFILE VIEW
SIDEWALK - STA "FC" 46+78 TO STA "FC" 46+73
ELEVATION

PVI STA = 1+45.33
PVI EL = 37.39
K = 58.92
L = 90.65'

BVCS = 1+00.00
BVCE = 37.22
EVCS = 1+90.65
EVCE = 36.87

EL = 31.99
STA = 4+53.40

EL = 27.82
STA = 6+26.50

EL = 33.87
STA = 3+58.96

EL = 28.19
STA = 5+96.69

EL = 24.92

END DRIVEWAY

CONFORM

STA = 6+44.05
EL = 33.27
STA = 3+88.00
EL = 32.15
STA = 4+40.91
EL = 33.87
STA = 3+58.96

EL = 28.19
STA = 5+96.69

EL = 24.92

END DRIVEWAY

BEGIN RAISED SIDEWALK

BEGIN CURB (TYPE A2-6)

STA = 2+62.25

BEGIN DRIVEWAY

STA = 4+57.06

END CURB (TYPE A2-6)

BEGIN CURB (TYPE B4)

STA = 5+05.39

END CURB (TYPE B4)

BEGIN CURB (TYPE A2-6)

STA = 5+98.06

BEGIN CURB RAMP

STA = 2+99.73

END DRIVEWAY

BEGIN MSE RETAINING WALL

STA = 6+26.50

END CURB RAMP

END CURB (TYPE A2-6)

END MSE RETAINING WALL

BEGIN DRIVEWAY

STA = 4+40.91

BEGIN CURB RAMP

STA = 4+53.40

END CURB RAMP

"LG-1" LINE PROFILE

0'
8'
4'
20'
40'

VERTICAL

HORIZONTAL
NOTE: THIS SHEET ACCURATE FOR ELEVATION 20-22 28 - 4:05 PM

SDCB (NYLOPLAST CURB INLET DRAIN)

SDCB (TYPE G1, MOD) (FOREGROUND)

PIPE TO Exist 12" SD

APPROX LOCATION OF OFF = 17.07 LT STA "OAR" 35+83.53

SD-1 STORM DRAIN PROFILE

SDCB TO SDJB STA "OAR" 36+18.09

OFF = 29.59 LT STA "OAR" 36+36.23

TAP 12" SD PLASTIC 12" OUT INV=32.90±

SDMH STA "OAR" 40+47.24

INSTALL 2-SACK GHD

HORIZONTAL instrument and not professional in the document.

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Manager

5/26/23

CITY OF ARCATA

OLD ARCATA ROAD & JACOBY CREEK ROAD

DRAINAGE PLAN SHEET 1 OF 4

CHANGELOG

5/26/23

J. WOLF

18" Plastic Pipe SD, S= 1.00%

18" Plastic Pipe SD, S= 2.00%

18" IN, INV=32.69±

18" OUT INV=32.69±

12" IN, INV=31.97±

12" OUT INV=31.84±

12" IN, INV=28.50±

12" OUT INV=28.25±

30" IN, INV=29.95±

36" OUT INV=29.00±

30" IN, INV=27.17±

36" OUT INV=25.95±

30" IN, INV=23.96±

36" OUT INV=22.18±

36" IN, INV=20.38±

36" OUT INV=18.50±

36" IN, INV=16.73±

36" OUT INV=16.56±

36" IN, INV=13.04±

36" OUT INV=13.68±

36" IN, INV=29.03±

36" OUT INV=31.84±

36" IN, INV=35.74±

36" OUT INV=35.83±

40" IN, INV=35.78±

40" OUT INV=35.88±

40" IN, INV=34.75±

40" OUT INV=35.51±

5/26/23

M. DUIN

DRAWN

CONVERT Exist

APPROX CROSSING LOCATION OF Exist 10" AC WATER

APPROX CROSSING LOCATION OF Exist 10" AC WATER

SD-2 STORM DRAIN PROFILE

SD-3 STORM DRAIN PROFILE

APPROX CROSSING LOCATION OF Exist 10" AC WATER

APPROX CROSSING LOCATION OF Exist 10" AC WATER

APPROX CROSSING LOCATION OF Exist 10" AC WATER

APPROX CROSSING LOCATION OF Exist 10" AC WATER
REPLACE Exist SDCB with NEW SDMH
24" IN, INV=27.90±
18" IN, INV=28.02±
24" OUT INV=27.90±
STA "JC" 2+41.57
OFF = 20.93 LT
RIM EL = 31.67±

MODIFY Exist SD INLET
18" IN, INV=27.90±
24" IN, INV=27.45±
18" IN, INV=27.22±
18" OUT INV=25.20±
STA "JC" 2+22.76
OFF = 20.18 LT
RIM EL = 30.82±

24" Plastic Pipe SD, S= 1.00%
18" Plastic Pipe SD, S= 1.00%
Sheet General Notes

1. This plan is accurate for signage and striping only.
2. Sheet and plan is for project's pavement markings and striping which is not complete and must be completed by contractor to City standards.

Sheet Keynotes (Thermoplastic)

1. DETAIL 2 TRAFFIC STRIPE.
2. DETAIL 22 TRAFFIC STRIPE.
3. DETAIL 27B TRAFFIC STRIPE.
4. DETAIL 38A TRAFFIC STRIPE.
5. DETAIL 39A TRAFFIC STRIPE.
6. DETAIL 39 TRAFFIC STRIPE.
7. LIMIT LINE (STOP LINE), 1'-0" WHITE LINE.
8. LADDER STYLE CROSSWALK, YELLOW.
9. CONTINUOUS STYLE CROSSWALK, SEE DETAILS.
10. "SLOW" PAVEMENT MARKING, YELLOW.
11. "SCHOOL" PAVEMENT MARKING, YELLOW.
12. "XING" PAVEMENT MARKING, YELLOW.
13. "YIELD" PAVEMENT MARKING.
14. TYPE I ARROW (5').
15. BASIC STYLE CROSSWALK, YELLOW.
16. "ONLY" PAVEMENT MARKING (6').
17. "ENTER" PAVEMENT MARKING (6').
18. ADVANCE WARNING MARKINGS.

Legend

- LIMIT/CHANGE OF TRAFFIC STRIPE DETAIL
- TANGENT POINT/BC OR EC
- ANGLE POINT

Plan View

JACOBY CREEK RD - STA "JC" 2+50 TO STA "JC" 7+00

HYLAND ST - STA "HS" 1+50 TO STA "HS" 4+80
PEDESTRIAN ACCESS AND CURB RAMP NOTES:

1. Any pedestrian improvements planned and marked for construction details. Pedestrian accommodation design and locations shall be consistent with the provisions of the City of Arcata Planning and Zoning Standards and consistent with the location of the walking surface to the minimum requirements:

2. Curb ramps shall have a detectable warning surface that extends the full width and 2' depth of the street or sidewalk elevated above grade and a depth of 1/4" to 1/2" in the field of the curb to complete the requirement.

3. THE BORDERS OF THE DETECTABLE WARNING SURFACE EXTEND 12" IN FRONT OF THE STREET CURB. STREET SURFACES TO BE EXPANSIVE FOOTPLANS ARE OF THE FOLLOWING MATERIALS:

4. TRANSITIONS TO.Aggressive cutters, or stairs shall be free of trip hazards.

5. PEDESTRIAN CROSSWALKS SHALL BE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH AND 2' DEPTH OF THE STREET. THE BORDER OF THE DETECTABLE WARNING SURFACE SHALL NOT BE LOCATED BETWEEN 2'-6" AND 2'-10" FROM THE CURB.
CURB (TYPE D6 Mod)

1. FINISH BACK SIDES OF CURBS.
2. WARNING CURBS SHALL BE POURED MONOLITHIC WITH SIDEWALKS AND CURB RAMPS.
3. WARNING CURBS SHALL BE POURED MONOLITHIC WITH SIDEWALKS AND CURB RAMPS.
4. WARNING CURBS SHALL BE POURED MONOLITHIC WITH SIDEWALKS AND CURB RAMPS.

FINISH BACK SIDES OF CURBS.
WARNING CURBS SHALL BE POURED MONOLITHIC WITH SIDEWALKS AND CURB RAMPS.

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE WARNING)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE FLUSH)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE B1-4 Mod)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE A1-6)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE B4)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE B4-1-3-4 Mod)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE B4-1-3-4 Mod)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE E)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE D4 Mod)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE D4 Mod)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE E)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE B4)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE D4 Mod)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE E)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE B4)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE D4 Mod)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.

CURB (TYPE E)

NOTES:

TAPER END OF DEAD-END CURBS AT 1:1 TO MATCH FG.
NEW INLET

INSTALL CONCRETE LID
(REMOVE GRATE AND CONNECTING INLET)

DRILL AND EPOXY 6" LONG, #4 REBAR DOWELS, 18" O.C. (TYP)

6-INCHES CLASS 2 AGGREGATE BASE COMPACTED TO 95%

REBAR DOWELS, 18" O.C. (TYP) INLET

GROUT IN BETWEEN INLETS PRIOR TO JOINING

CONNECTING INLET

MORTAR WHERE (N) PIPE PENETRATES GRADE ADJUSTMENT

LEVEL WITH 1:3 MORTAR 1" MIN

INSIDE JOINT MORTAR AND POINT SET ALL RINGS IN 1:3 MORTAR BED. WET BOTH TONGUE AND GROOVE BEFORE APPLYING MORTAR AND SETTING RING. WIPE INSIDE COLLAR, TOP DOWN 2" FILLET, 1:3 MORTAR, PLASTER 6"

POLYPROPYLENE STEPS AT 1'-0" O.C.

CONE SECTION MAY BE EITHER CONCENTRIC OR ECCENTRIC UNLESS OTHERWISE SPECIFIED BY THE OWNER.

ALL SECTIONS OF MANHOLE MUST BE OF IDENTICAL MAKE AND MANUFACTURER.

MANHOLE OVER 7' IN DEPTH, OR WITH A PIPE OVER 36" DIAMETER, SHALL BE 5' IN DIAMETER.

PLASTERING OF JOINTS REQUIRED IF HIGH WATER CONDITIONS EXIST.

STATEMENT OF COMPLIANCE

EUREKA CALIFORNIA 95501 USA

GHD INC.
718 THIRD STREET
Arcata, California 95521

F 1-707-444-8330
www.ghd.com

Manager
Check
Designer

NOTES:
1. MANHOLE OR APPROVED EQUAL SHALL BE USED IN JOINTS. PLASTERING OF JOINTS REQUIRED IF HIGH WATER CONDITIONS EXIST.
2. CONE SECTION MAY BE EITHER CONCENTRIC OR ECCENTRIC UNLESS OTHERWISE SPECIFIED BY THE OWNER.
3. MANUALS OVER 7' IN DEPTH, OR WITH A PIPE OVER 36" DIAMETER, SHALL BE 5' IN DIAMETER.
4. SET ALL RINGS IN A 1:3 MORTAR BED. WET BOTH TONGUE AND GROOVE BEFORE APPLYING MORTAR AND SETTING RING. WIPE INSIDE COLLAR, TOP DOWN 2" FILLET, 1:3 MORTAR, PLASTER 6"
5. ALL SECTIONS OF MANHOLE MUST BE OF IDENTICAL MAKE AND MANUFACTURER.
1. PROVIDE A WEAKENED PLANE JOINT OF 2" MIN DEPTH AND 1/8" MAX WIDTH IN THE MIDDLE OF THE DRIVEWAY APPROACH AND GUTTER.
2. DRILL AND DOWEL #4'S AT 24" O.C. INTO (E) CONCRETE SLABS OR (N) ADJACENT GUTTERS.
3. REINFORCEMENT FOR DROP DRIVEWAYS AT JACOBY CREEK ELEMENTARY SCHOOL (1617 OLD ARCATA ROAD) SHALL BE #4 AT 12" OC EW.
4. SPIRAL AND DOWEL #5'S AT 12" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.
5. REINFORCEMENT FOR DROP DRIVEWAYS AT JACOBY CREEK ELEMENTARY SCHOOL (1617 OLD ARCATA ROAD) SHALL BE #5 AT 12" O.C. EW.

6. CONCRETE

HMA PAVING CONFORM DETAIL (ROADWAY)

SECTION "A-A"

SECTION "B - B"

SECTION "C - C"

NOTES:
1. PROVIDE A WEAKENED PLANE JOINT OF 2" MIN DEPTH AND 1/8" MAX WIDTH IN THE MIDDLE OF THE DRIVEWAY APPROACH AND GUTTER.
2. DRILL AND DOWEL #4'S AT 18" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.
3. RELATIVE COMPACTION
6" AGG BASE COMPACTED TO 95%

4. #4 REBAR AT 18" O.C. EA WAY, UNO (SEE NOTE 5)

5. PROVIDE 1" DEEP SCORE JOINT EVERY 20 FEET O.C., DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.

6. SPIRAL AND DOWEL #5'S AT 12" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.

7. REINFORCEMENT FOR DROP DRIVEWAYS AT JACOBY CREEK ELEMENTARY SCHOOL (1617 OLD ARCATA ROAD) SHALL BE #5 AT 12" O.C. EW.

8. SPIRAL AND DOWEL #5'S AT 12" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.

9. REINFORCEMENT FOR DROP DRIVEWAYS AT JACOBY CREEK ELEMENTARY SCHOOL (1617 OLD ARCATA ROAD) SHALL BE #5 AT 12" O.C. EW.

10. PROVIDE 1" DEEP SCORE JOINT EVERY 20 FEET O.C., DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.

11. RELATIVE COMPACTION
6" AGG BASE COMPACTED TO 95%

12. #4 REBAR AT 18" O.C. EA WAY, UNO (SEE NOTE 5)

13. PROVIDE 1" DEEP SCORE JOINT EVERY 20 FEET O.C., DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.

14. SPIRAL AND DOWEL #5'S AT 12" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.

15. REINFORCEMENT FOR DROP DRIVEWAYS AT JACOBY CREEK ELEMENTARY SCHOOL (1617 OLD ARCATA ROAD) SHALL BE #5 AT 12" O.C. EW.

16. SPIRAL AND DOWEL #5'S AT 12" O.C. INTO EXISTING CURBS, GUTTERS, AND SIDEWALKS.

17. REINFORCEMENT FOR DROP DRIVEWAYS AT JACOBY CREEK ELEMENTARY SCHOOL (1617 OLD ARCATA ROAD) SHALL BE #5 AT 12" O.C. EW.
1. All materials to be kept clean and free of debris from the waterline to the roadway.
2. Provision for pipe in accordance with local codes.
3. Provision for valve boxes as required by local codes.
4. Provision for manholes as required by local codes.
5. Provision for fire hydrants as required by local codes.
6. Provision for storm drain inlets as required by local codes.
7. Provision for catch basins as required by local codes.
8. Provision for sewer inlets as required by local codes.
9. Provision for water inlets as required by local codes.
10. Provision for gas inlets as required by local codes.
11. Provision for electric inlets as required by local codes.
12. Provision for电信 inlets as required by local codes.
13. Provision for cable inlets as required by local codes.
14. Provision for pipe inlets as required by local codes.
15. Provision for duct inlets as required by local codes.
16. Provision for conduit inlets as required by local codes.
17. Provision for girder inlets as required by local codes.
18. Provision for beam inlets as required by local codes.
19. Provision for slab inlets as required by local codes.
20. Provision for column inlets as required by local codes.
21. Provision for wall inlets as required by local codes.
22. Provision for roof inlets as required by local codes.
23. Provision for foundation inlets as required by local codes.
24. Provision for floor inlets as required by local codes.
25. Provision for window inlets as required by local codes.
26. Provision for door inlets as required by local codes.
27. Provision for stair inlets as required by local codes.
28. Provision for wall inlets as required by local codes.
29. Provision for window inlets as required by local codes.
30. Provision for door inlets as required by local codes.
31. Provision for stair inlets as required by local codes.
32. Provision for wall inlets as required by local codes.
33. Provision for window inlets as required by local codes.
34. Provision for door inlets as required by local codes.
35. Provision for stair inlets as required by local codes.
36. Provision for wall inlets as required by local codes.
37. Provision for window inlets as required by local codes.
38. Provision for door inlets as required by local codes.
39. Provision for stair inlets as required by local codes.
40. Provision for wall inlets as required by local codes.
41. Provision for window inlets as required by local codes.
42. Provision for door inlets as required by local codes.
43. Provision for stair inlets as required by local codes.
44. Provision for wall inlets as required by local codes.
45. Provision for window inlets as required by local codes.
46. Provision for door inlets as required by local codes.
47. Provision for stair inlets as required by local codes.
48. Provision for wall inlets as required by local codes.
49. Provision for window inlets as required by local codes.
50. Provision for door inlets as required by local codes.
51. Provision for stair inlets as required by local codes.
52. Provision for wall inlets as required by local codes.
53. Provision for window inlets as required by local codes.
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55. Provision for stair inlets as required by local codes.
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57. Provision for window inlets as required by local codes.
58. Provision for door inlets as required by local codes.
59. Provision for stair inlets as required by local codes.
60. Provision for wall inlets as required by local codes.
61. Provision for window inlets as required by local codes.
62. Provision for door inlets as required by local codes.
63. Provision for stair inlets as required by local codes.
64. Provision for wall inlets as required by local codes.
65. Provision for window inlets as required by local codes.
66. Provision for door inlets as required by local codes.
67. Provision for stair inlets as required by local codes.
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73. Provision for window inlets as required by local codes.
74. Provision for door inlets as required by local codes.
75. Provision for stair inlets as required by local codes.
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77. Provision for window inlets as required by local codes.
78. Provision for door inlets as required by local codes.
79. Provision for stair inlets as required by local codes.
80. Provision for wall inlets as required by local codes.
81. Provision for window inlets as required by local codes.
82. Provision for door inlets as required by local codes.
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101. Provision for window inlets as required by local codes.
102. Provision for door inlets as required by local codes.
103. Provision for stair inlets as required by local codes.
104. Provision for wall inlets as required by local codes.
105. Provision for window inlets as required by local codes.
106. Provision for door inlets as required by local codes.
107. Provision for stair inlets as required by local codes.
108. Provision for wall inlets as required by local codes.
NOTES:
1. PLACE FIBER JOINT FILLER BETWEEN BOTH SIDES OF CURB AND WOOD POST (TYP).
2. CONTRACTOR TO GRIND OUT ASPHALT IN 4" LAYERS, IF ASPHALT SUBGRADE REVEALED DURING DRAINAGE CONSTRUCTION. EXPANSION JOINT MATERIAL TO BE 1/4" THICK PREMOLDED JOINT FILLER FULL THICKNESS OF CONCRETE. EXPANSION JOINTS TO BE FORMED WITHIN 48 HOURS OF PAVING. COLOR TO MATCH ADJACENT PAVING.
3. LOCATE EXPANSION JOINTS AT INTERVALS OF NOT MORE THAN 5 FEET, UNLESS INDICATED OTHERWISE. EXPANSION JOINTS MUST BE 1/2" DIA SMOOTH STEEL DOWEL, 1'-0" O.C. GRAY OR SLEEVE ONE END, 1'-0" O.C. GREASE OR SLEEVE THE OTHER END. EXPANSION JOINT MATERIALS TO MEET REQUIREMENTS OF CONTRACTOR'S SPECIFICATION.
4. CONTRACTOR TO DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING SIDEWALK AT JUNCTIONS TO EXISTING SIDEWALK, DRIVEWAY CURB, AND / OR GUTTER.
5. SIDEWALK SHALL BE BROOM FINISHED, DIRECTION OF BROOMING SHALL BE PERPENDICULAR TO DIRECTION OF TRAVEL.
6. TOOLED SCORE JOINTS SECTION TO BE USED FOR CONCRETE ON TOP OF NATIVE SOIL. DIRECTION OF BROOMING SHALL BE IN DIRECTION OF JOINTER TOOL. LOCATE TOOLED SCORE JOINTS AT INTERVALS OF NOT MORE THAN 5 FEET, UNLESS INDICATED OTHERWISE.
7. PROVIDE THICKENED EDGE (8" THICK BY 6" WIDE) WHEN FLUSH WITH VEHICULAR AREAS.
8. EXPANSION JOINT MATERIAL TO BE 1/4" THICK PREMOLDED JOINT FILLER. EXPANSION JOINTS TO BE FORMED WITHIN 48 HOURS OF PAVING. COLOR TO MATCH ADJACENT PAVING.
9. EXPANSION JOINTS SHALL BE BUILT IN RAIN FREE CONDITIONS TO AVOID WEATHERING.

NOTES:
1. INSTALL CONCRETE GRASS PAVERS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
2. ACCEPTABLE PRODUCTS FOR USE:
   a. BASALITE'S "TURFSTONE"
   b. ACCEPTABLE "APPROVED EQUAL" MATERIALS
   An alternate product may be considered if determined to be an 'approved equal' by the Engineer.
3. COLOR / STYLE TO BE SUBMITTED TO CITY FOR APPROVAL.

CONCRETE GRASS PAVERS DETAIL

CONCRETE GRASS PAVERS DETAIL REPLACE AC SURFACING; NEW ENSURE EXPOSED EDGES ARE CLEAN AND FREE OF DUST AND LOOSE MATERIALS. APPLY TACK COAT PRIOR TO PAVING. CONTRACTOR'S EXPENSE.

PLACE FIBER JOINT FILLER BETWEEN BOTH SIDES OF CURB AND WOOD POST (TYP).

REPLACE AC SURFACING (NEW AND SHAKE TYPE: 3/4"")

NOTE:
1. EXACT PARAPET LOCATIONS WILL BE DETERMINED BY THE POLE BY CONSTRUCTION.
2. CONSTRUCTION TO BE DONE WITHOUT REMOVAL OF EXISTING SUBGRADE OR SURFACING PER PLANS.
3. CONTRACTOR TO CUT PLANE TO FULL DEPTH OF SURFACING PER PLANS. TRIM ALL EXISTING PARAPETS AS REQUIRED PER PLANS. SURFACE IS TO BE FINISHED TO ALLOW FOR COMPACTING OF A 6" LAYER OF NATIVE SOIL.
4. EXISTING PARAPETS TO BE COMPLETELY REPAIRED OR REPLACED AS REQUIRED PER PLANS.
5. CONTRACTOR TO PROVIDE THICKENED EDGE (8" THICK BY 6" WIDE) WHEN FLUSH WITH VEHICULAR AREAS.
6. EXPANSION JOINT MATERIAL TO BE 1/4" THICK PREMOLDED JOINT FILLER FULL THICKNESS OF CONCRETE. EXPANSION JOINTS TO BE FORMED WITHIN 48 HOURS OF PAVING. COLOR TO MATCH ADJACENT PAVING.
7. EXPANSION JOINT MATERIALS TO MEET REQUIREMENTS OF CONTRACTOR'S SPECIFICATION.
8. CONTRACTOR TO DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING SIDEWALK AT JUNCTIONS TO EXISTING SIDEWALK, DRIVEWAY CURB, AND / OR GUTTER.
9. PROVIDE THICKENED EDGE (8" THICK BY 6" WIDE) WHEN FLUSH WITH VEHICULAR AREAS.

CONCRETE GRASS PAVERS DETAIL

REPLACE AC SURFACING (NEW AND SHAKE TYPE: 3/4"")

NOTE:
1. INSTALL CONCRETE GRASS PAVERS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
2. ACCEPTABLE PRODUCTS FOR USE:
   a. BASALITE'S "TURFSTONE"
   b. ACCEPTABLE "APPROVED EQUAL" MATERIALS
   An alternate product may be considered if determined to be an 'approved equal' by the Engineer.
3. COLOR / STYLE TO BE SUBMITTED TO CITY FOR APPROVAL.

CONCRETE GRASS PAVERS DETAIL REPLACE AC SURFACING; NEW ENSURE EXPOSED EDGES ARE CLEAN AND FREE OF DUST AND LOOSE MATERIALS. APPLY TACK COAT PRIOR TO PAVING. CONTRACTOR'S EXPENSE.

PLACE FIBER JOINT FILLER BETWEEN BOTH SIDES OF CURB AND WOOD POST (TYP).

REPLACE AC SURFACING (NEW AND SHAKE TYPE: 3/4"")

NOTE:
1. INSTALL CONCRETE GRASS PAVERS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
2. ACCEPTABLE PRODUCTS FOR USE:
   a. BASALITE'S "TURFSTONE"
   b. ACCEPTABLE "APPROVED EQUAL" MATERIALS
   An alternate product may be considered if determined to be an 'approved equal' by the Engineer.
3. COLOR / STYLE TO BE SUBMITTED TO CITY FOR APPROVAL.

CONCRETE GRASS PAVERS DETAIL

REPLACE AC SURFACING (NEW AND SHAKE TYPE: 3/4"")

NOTE:
1. INSTALL CONCRETE GRASS PAVERS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
2. ACCEPTABLE PRODUCTS FOR USE:
   a. BASALITE'S "TURFSTONE"
   b. ACCEPTABLE "APPROVED EQUAL" MATERIALS
   An alternate product may be considered if determined to be an 'approved equal' by the Engineer.
3. COLOR / STYLE TO BE SUBMITTED TO CITY FOR APPROVAL.

CONCRETE GRASS PAVERS DETAIL

REPLACE AC SURFACING (NEW AND SHAKE TYPE: 3/4"")

NOTE:
1. INSTALL CONCRETE GRASS PAVERS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.
2. ACCEPTABLE PRODUCTS FOR USE:
   a. BASALITE'S "TURFSTONE"
   b. ACCEPTABLE "APPROVED EQUAL" MATERIALS
   An alternate product may be considered if determined to be an 'approved equal' by the Engineer.
3. COLOR / STYLE TO BE SUBMITTED TO CITY FOR APPROVAL.
VEGETATED SWALE

NOTE:
1. VALVE TYPE AND LOCATION PER PLAN

1.3' 2.0' 8" 1.0' 18" PLASTIC PIPE

12" PLASTIC PIPE

18" PLASTIC PIPE

VEGETATED SWALE

SECTION A - A

SECTION B - B

NYLOPLAST DRAIN BASIN
WITH CURB INLET, OR SIM

18" PLASTIC PIPE

12" PLASTIC PIPE

NOTE:
1. INLET TYPE AND LOCATION PER PLAN

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WETLAND MITIGATION GRADING AND PLANTING PLAN

- Reuse of Documents

1. THIS SHEET IS ACCURATE FOR WETLAND MITIGATION ONLY.

LEGEND

- Fill/Erosion Berm Design Planting Per Schedule Sheet CG301
- Wetland Erosion Sds Per Schedule Sheet CG302
- Wetland Seed Mix Per Schedule Sheet CG302
- Drainage Ditch Base Design Per Schedule Sheet CG302

Clearing and grubbing to ground level prior to seed mix application.
PLANT INSTALLATION SCHEDULE

PALUSTRINE EMERGENT PLANT SCHEDULE

<table>
<thead>
<tr>
<th>SCIENTIFIC NAME</th>
<th>COMMON NAME</th>
<th>LIFEFORM</th>
<th>WMVC INDICATOR STATUS</th>
<th>UNIT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>OENANTHE SARMENTOSA</td>
<td>PACIFIC OENANTHE</td>
<td>PERENNIAL GRASS-LIKE HERB</td>
<td>ENDangered (ES)</td>
<td>LBS/acre*</td>
<td>10</td>
</tr>
<tr>
<td>SCIRPUS MICROCARPUS</td>
<td>SMALL-FRUITED BULRUSH</td>
<td>EMERGENT GRASS</td>
<td>Threatened (TM)</td>
<td>LBS/acre*</td>
<td>30</td>
</tr>
<tr>
<td>STACHYS AJUGOIDES</td>
<td>VIOLET-WILDFLOWER</td>
<td>BRIEF-FLOWERED HERB</td>
<td>-w</td>
<td>LBS/acre*</td>
<td>15</td>
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</tbody>
</table>

WETLAND SLOPE SEED MIX SCHEDULE

<table>
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<tr>
<th>SCIENTIFIC NAME</th>
<th>COMMON NAME</th>
<th>WMVC INDICATOR STATUS</th>
<th>LBS/acre*</th>
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</thead>
<tbody>
<tr>
<td>BROMUS</td>
<td>BROMUS</td>
<td>Threatened (TM)</td>
<td>10</td>
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WETLAND EDGE SEED MIX SCHEDULE

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<tr>
<th>SCIENTIFIC NAME</th>
<th>COMMON NAME</th>
<th>WMVC INDICATOR STATUS</th>
<th>LBS/acre*</th>
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<tr>
<td>BROMUS</td>
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<td>Threatened (TM)</td>
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DRAINAGE DITCH SEED MIX SCHEDULE

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<th>WMVC INDICATOR STATUS</th>
<th>LBS/acre*</th>
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<tbody>
<tr>
<td>BROMUS</td>
<td>BROMUS</td>
<td>Threatened (TM)</td>
<td>10</td>
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</tbody>
</table>
MSE RETAINING WALL - PLAN

MSE RETAINING WALL - ELEVATION

Sheet General Notes:

1. This plan is accurate for retaining wall work only.

Wall Legend:

- Sheet General Notes:

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DESIGN CRITERIA
1. DESIGNED IN ACCORDANCE WITH 2013 AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" FOR 100 M.P.H. WIND ZONE & 2022 CALTRANS STANDARD PLANS.

2. THE ANCHOR BOLT EMBEDMENT LENGTH SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE FOUNDATION ENGINEER.


4. SLOTS ACCEPTING:

   (4) 1" x 36" F1154, GALVANIZED ANCHOR BOLTS

   1" A36 STEEL PLATE

   10 1/2" Ø-11 BOLT CIRCLE

   11"  SQ BASE PLATE DETAIL

   LIGHT ELEVATION

LIGHT ELEVATION

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