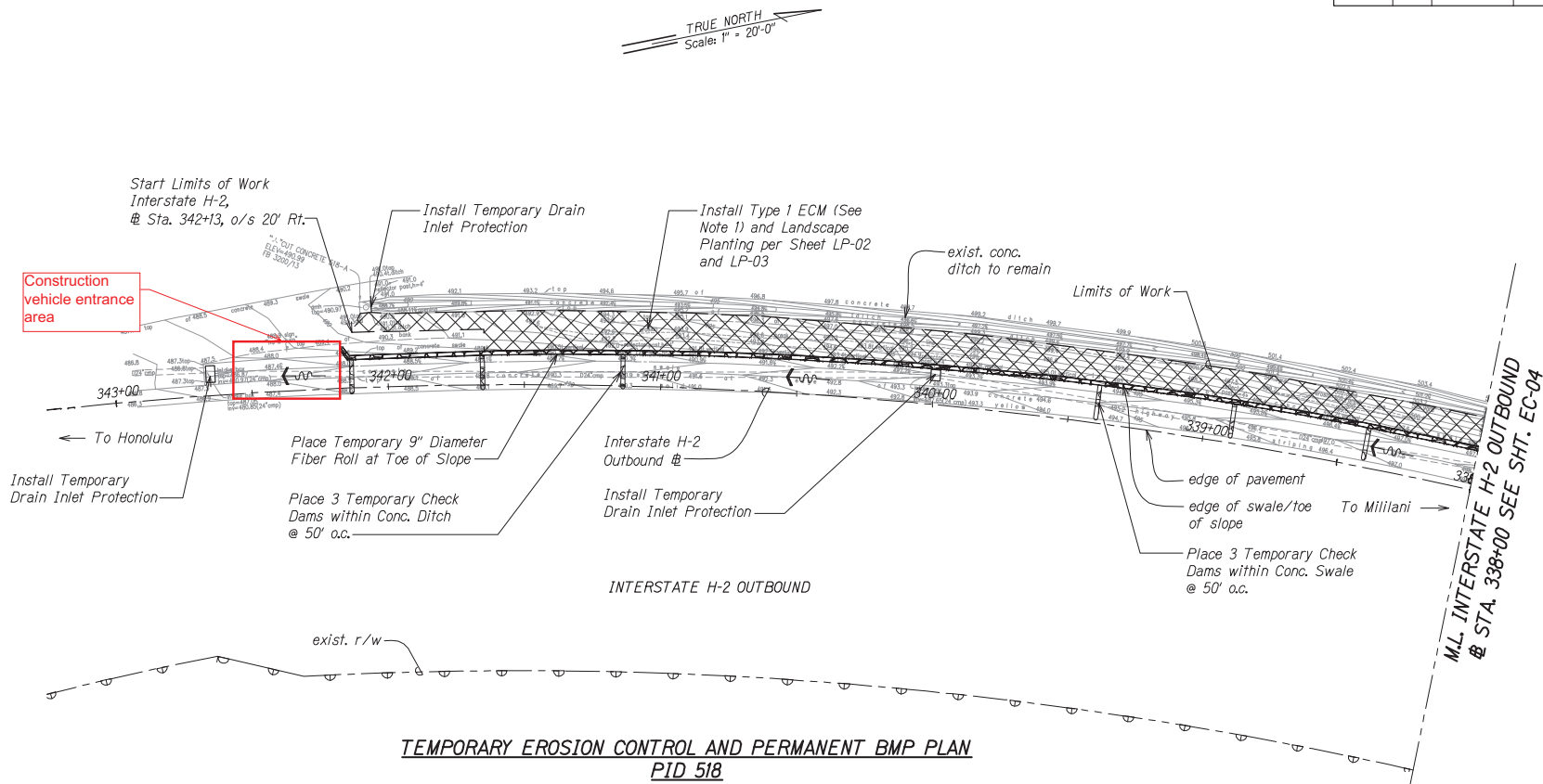


ATTACHMENT A-3

Site-Specific Best Management Plan and Drainage Maps *(Section 7.2.6.1, 7.2.6.2, and 7.2.6.8 of SWPPP)*

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| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 16 | 55 |



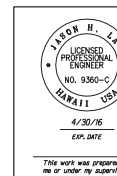
TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 518

Scale: 1" = 20'-0"

Notes:

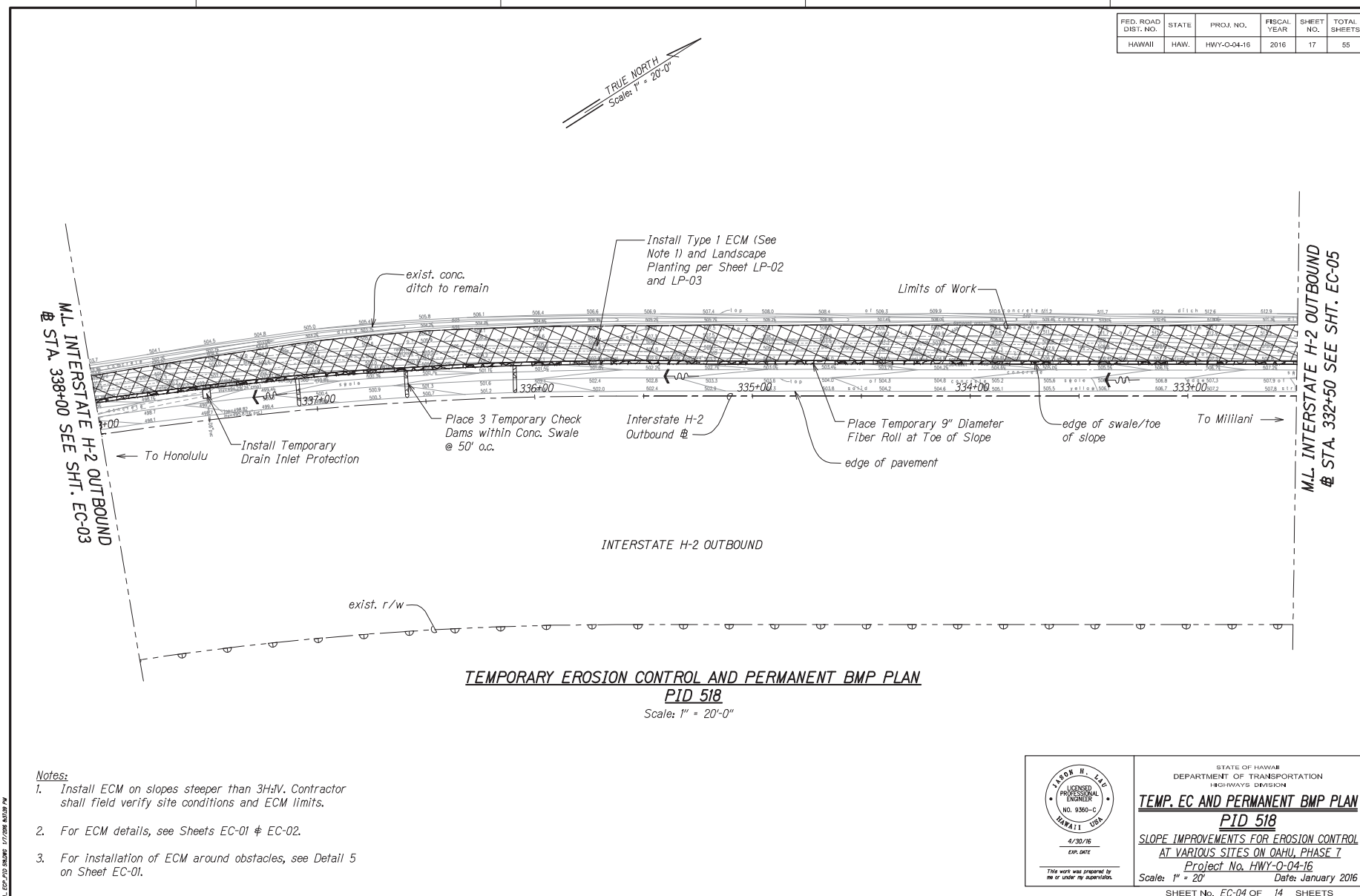
1. Install ECM on slopes steeper than 3H:1V. Contractor shall field verify site conditions and ECM limits.
2. For ECM details, see Sheets EC-01 & EC-02.
3. For installation of ECM around obstacles, see Detail 5 on Sheet EC-01.



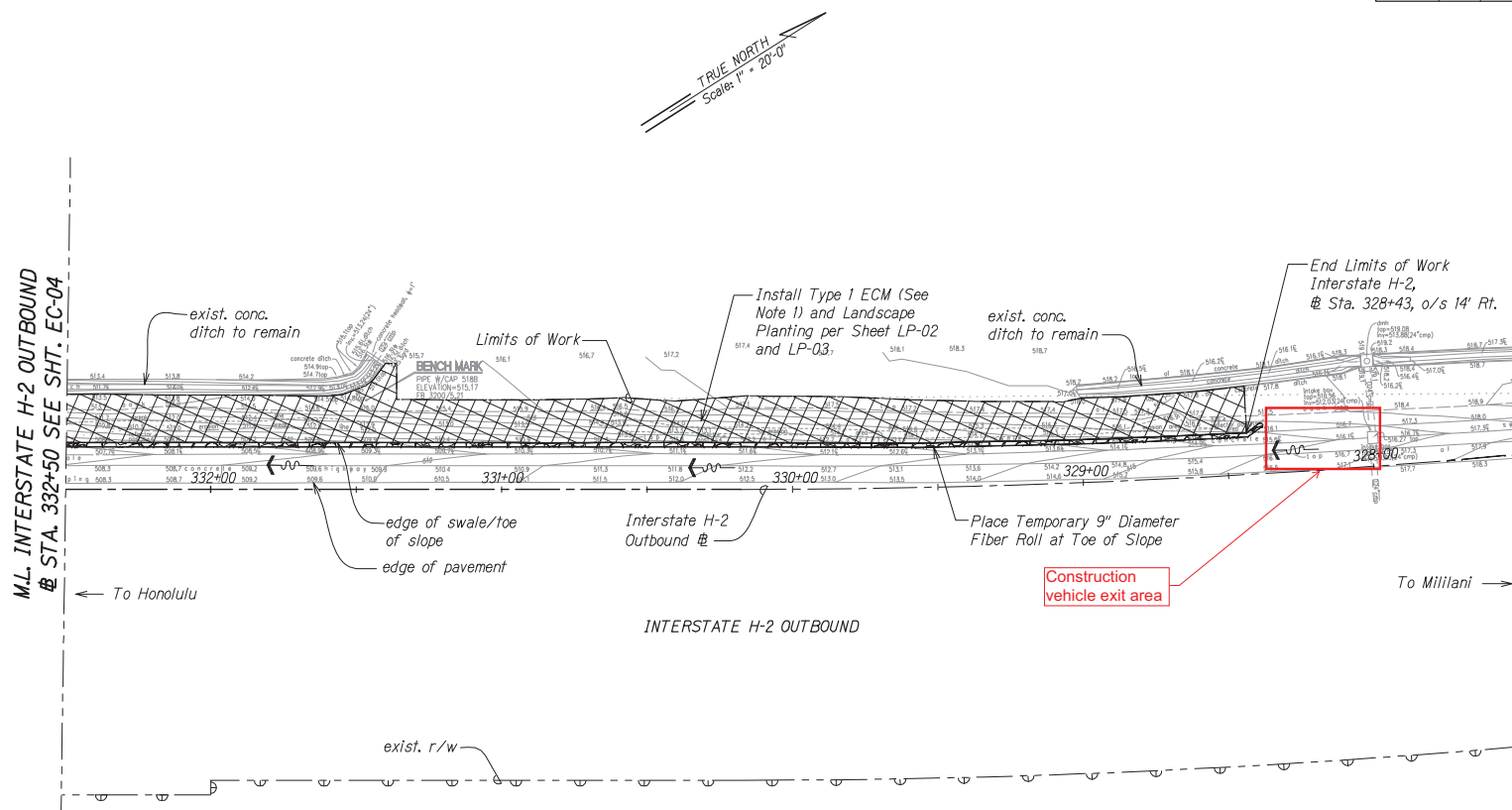
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TEMP. EC AND PERMANENT BMP PLAN
PID 518
SLOPE IMPROVEMENTS FOR EROSION CONTROL
AT VARIOUS SITES ON OAHU, PHASE 7
Project No. HWY-0-04-16
Scale: 1" = 20' Date: January 2016
SHEET No. EC-03 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 17 | 55 |



| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 18 | 55 |



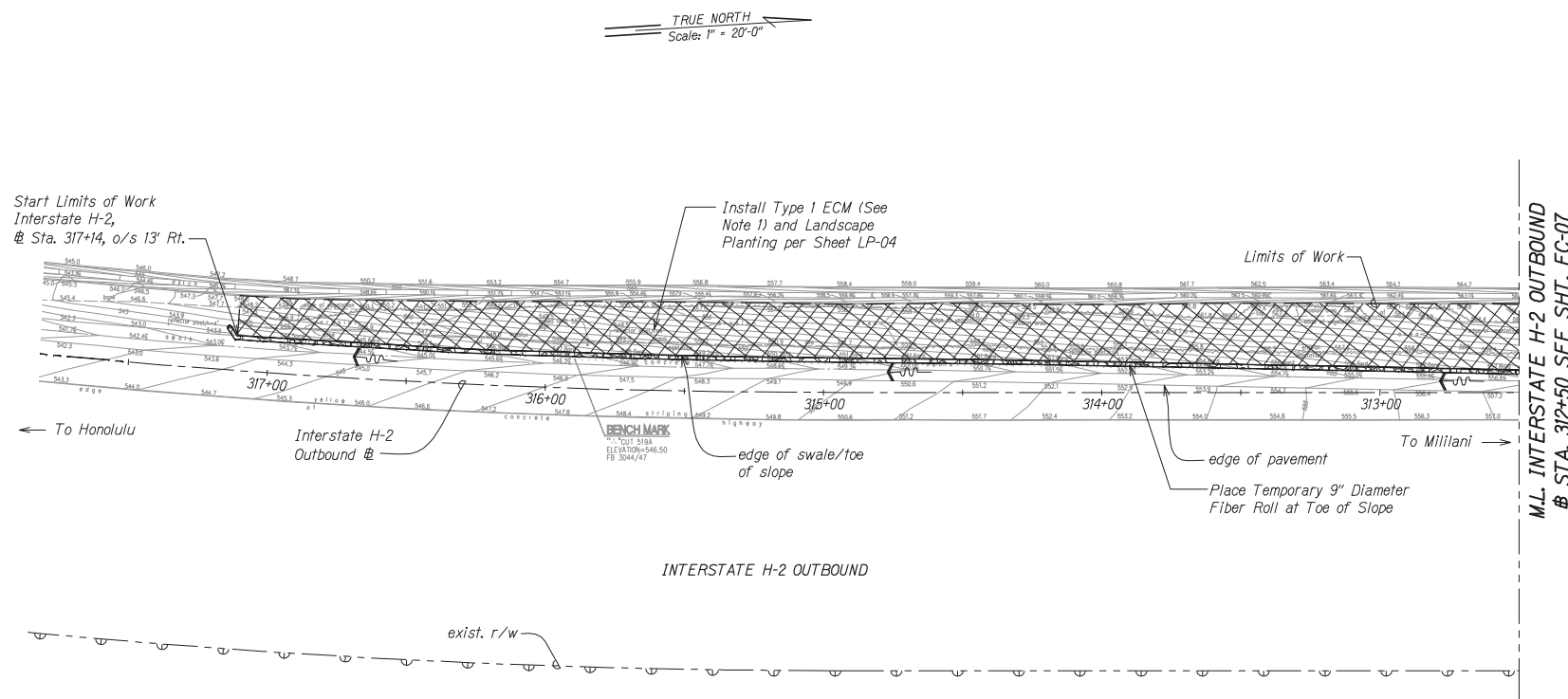
Notes:

1. Install ECM on slopes steeper than 3H:1V. Contractor shall field verify site conditions and ECM limits.
2. For ECM details, see Sheets EC-01 & EC-02.
3. For installation of ECM around obstacles, see Detail 5 on Sheet EC-01.

TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN PID 518 Scale: 1" = 20'-0"

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| | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION |
| | TEMP. EC AND PERMANENT BMP PLAN |
| | PID 518 |
| | SLOPE IMPROVEMENTS FOR EROSION CONTROL AT VARIOUS SITES ON OAHU, PHASE 7 Project No. HWY-0-04-16 Scale: 1" = 20' Date: January 2016 |
| SHEET No. EC-05 OF 14 SHEETS | |

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-O-04-16 | 2016 | 19 | 55 |



TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 519

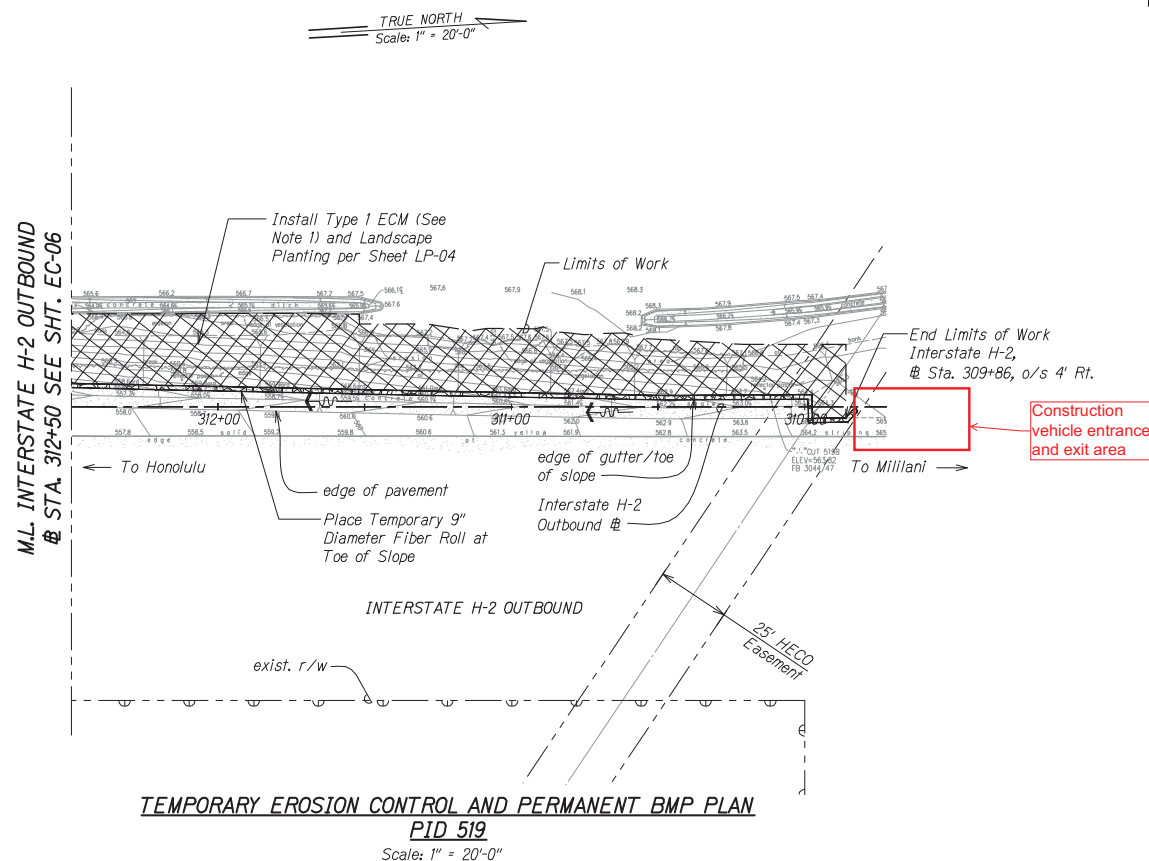
Scale: 1" = 20'-0"

Notes:

1. Install ECM on slopes steeper than 3H:1V. Contractor shall field verify site conditions and ECM limits.
2. For ECM details, see Sheets EC-01 & EC-02.
3. For installation of ECM around obstacles, see Detail 5 on Sheet EC-01.

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| | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION |
| | TEMP. EC AND PERMANENT BMP PLAN |
| | PID 519 |
| | SLOPE IMPROVEMENTS FOR EROSION CONTROL AT VARIOUS SITES ON OAHU, PHASE 7 Project No. HWY-O-04-16 Scale: 1" = 20' Date: January 2016 |
| SHEET No. EC-06 OF 14 SHEETS | |

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 20 | 55 |



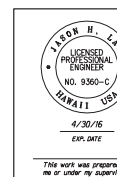
TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 519

Scale: 1" = 20'-0"

Notes:

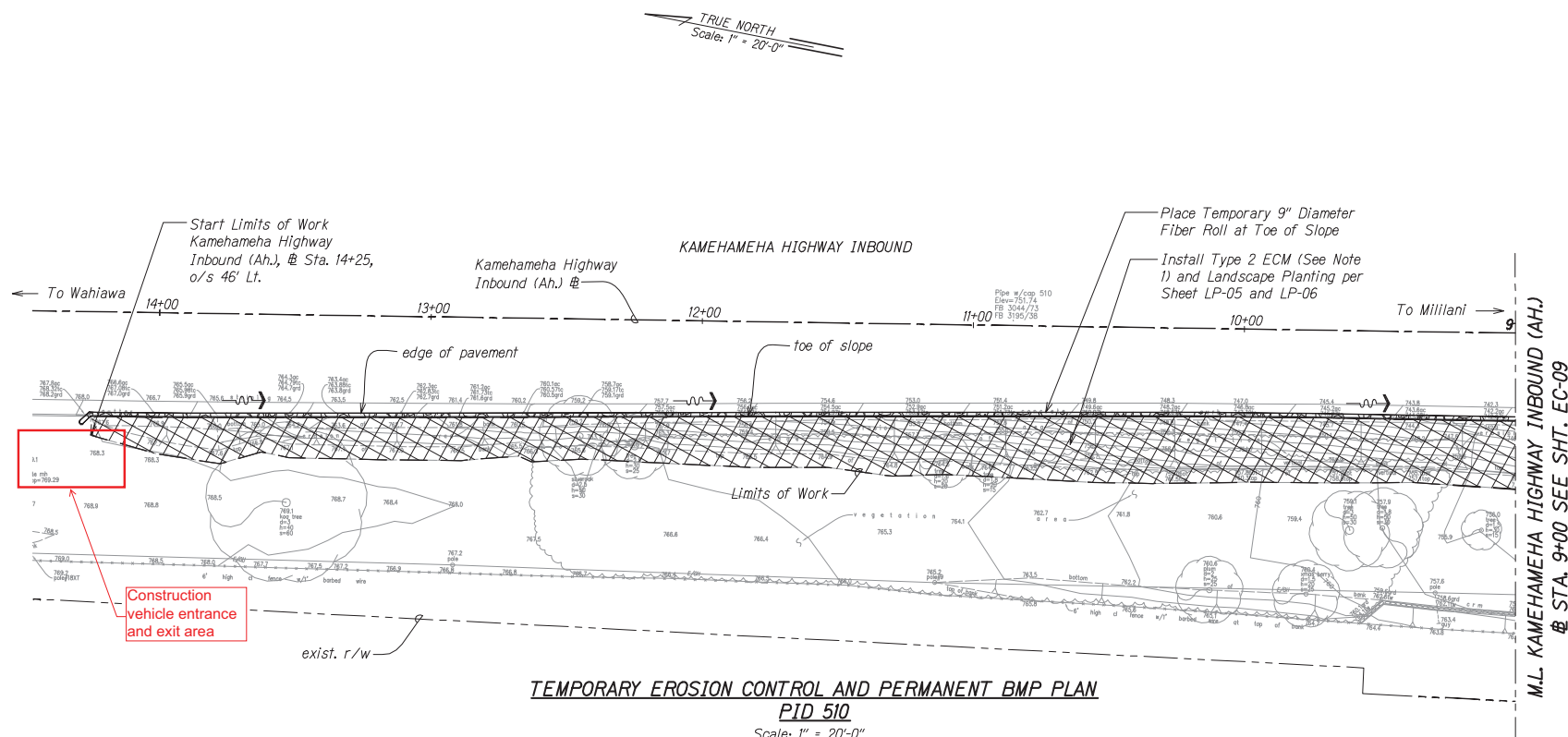
1. Install ECM on slopes steeper than 3H:1V. Contractor shall field verify site conditions and ECM limits.
2. For ECM details, see Sheets EC-01 & EC-02.
3. For installation of ECM around obstacles, see Detail 5 on Sheet EC-01.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TEMP. EC AND PERMANENT BMP PLAN
PID 519
SLOPE IMPROVEMENTS FOR EROSION CONTROL
AT VARIOUS SITES ON OAHU, PHASE 7
Project No. HWY-0-04-16
Scale: 1" = 20' Date: January 2016
SHEET No. EC-07 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 21 | 55 |



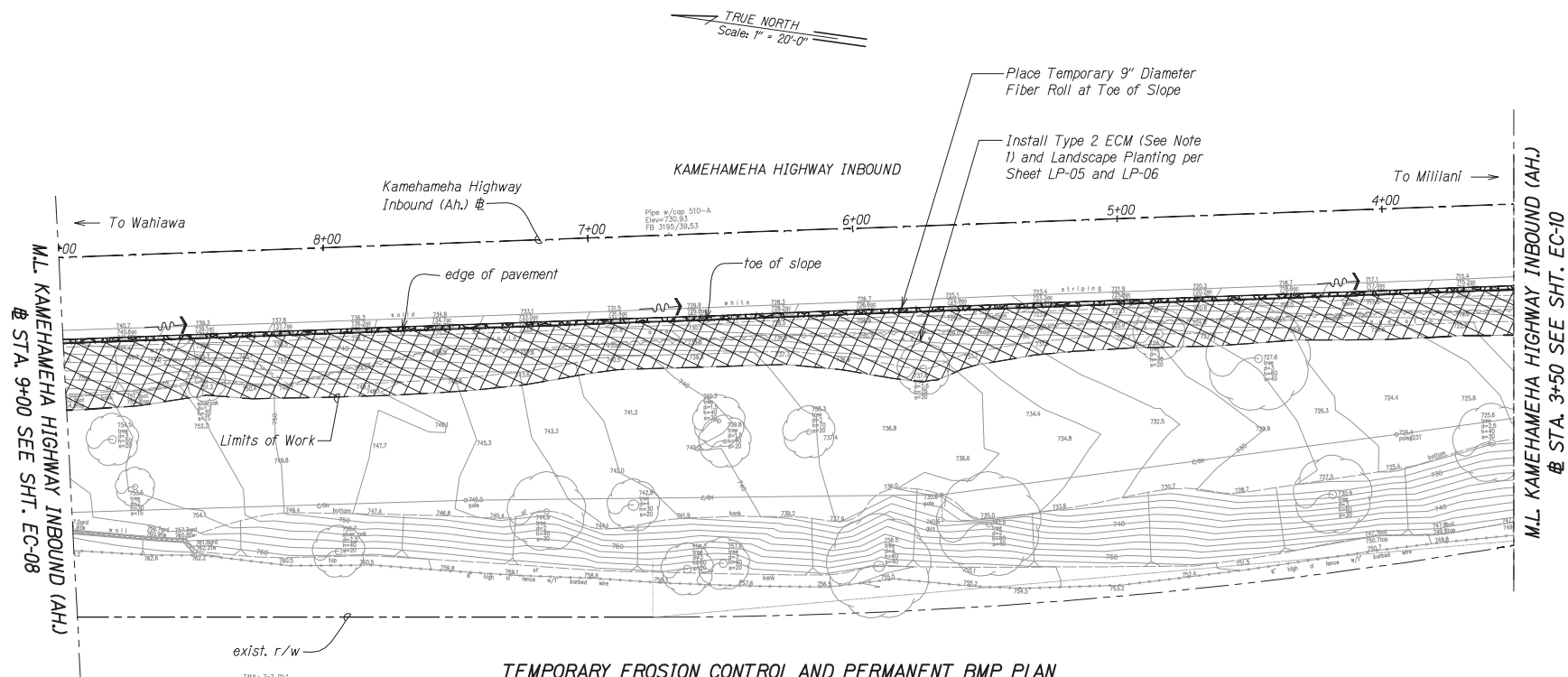
TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN
PID 510
 Scale: 1" = 20'-0"

Notes:

1. Install ECM on slopes steeper than 3H:1V. Contractor shall field verify site conditions and ECM limits.
2. For ECM details, see Sheets EC-01 & EC-02.
3. For installation of ECM around obstacles, see Detail 5 on Sheet EC-01.
4. See Landscaping Drawings for tree protection and removal.

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| | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION |
| | TEMP. EC AND PERMANENT BMP PLAN |
| | PID 510 |
| | SLOPE IMPROVEMENTS FOR EROSION CONTROL AT VARIOUS SITES ON OAHU, PHASE 7 Project No. HWY-0-04-16 Scale: 1" = 20' Date: January 2016 |
| SHEET No. EC-08 OF 14 SHEETS | |

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 22 | 55 |



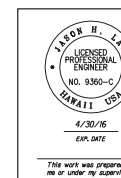
TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 510

Scale: 1" = 20'-0"

Notes:

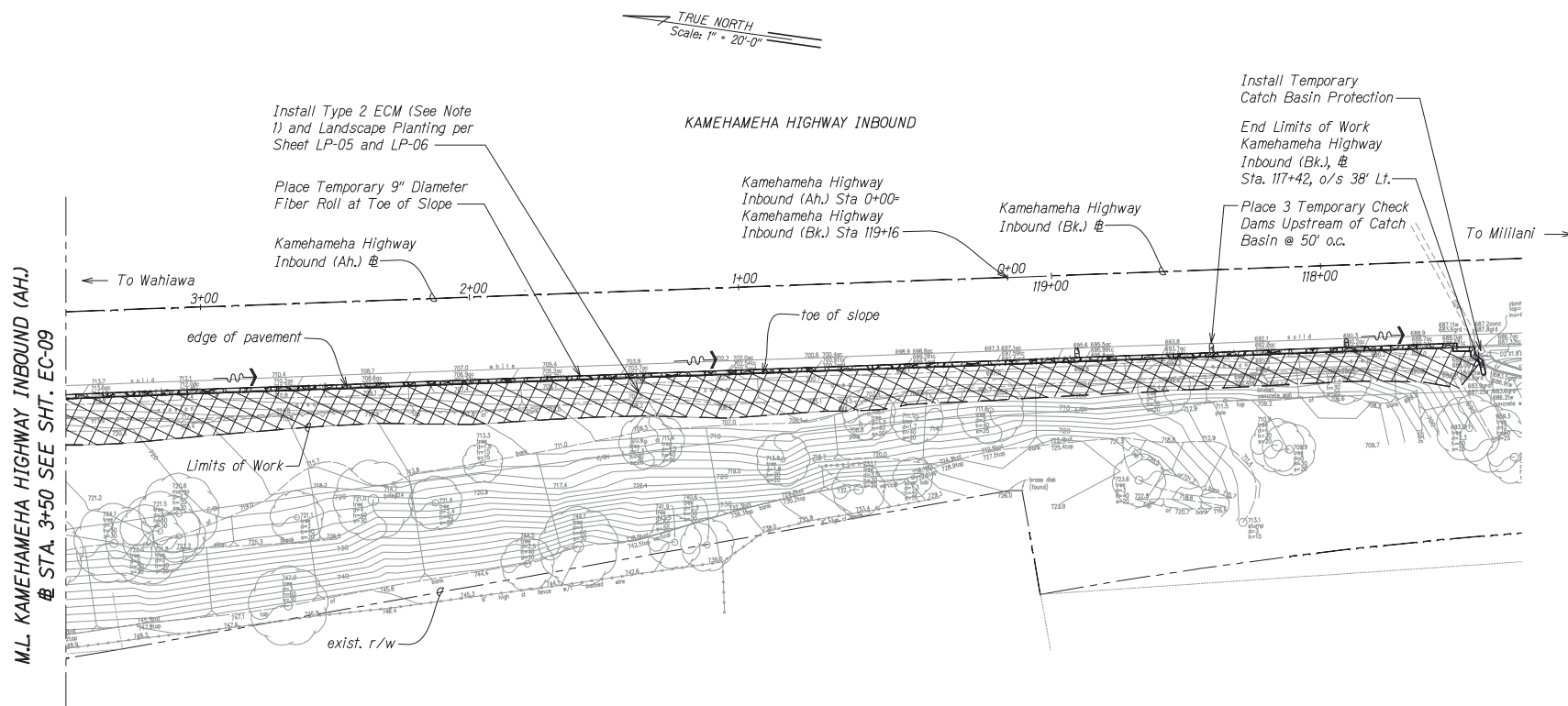
1. Install ECM on slopes steeper than 3H:1V. Contractor shall field verify site conditions and ECM limits.
2. For ECM details, see Sheets EC-01 & EC-02.
3. For installation of ECM around obstacles, see Detail 5 on Sheet EC-01.
4. See Landscaping Drawings for tree protection and removal.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TEMP. EC AND PERMANENT BMP PLAN
PID 510
SLOPE IMPROVEMENTS FOR EROSION CONTROL
AT VARIOUS SITES ON OAHU, PHASE 7
Project No. HWY-0-04-16
Scale: 1" = 20' Date: January 2016
SHEET No. EC-09 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 23 | 55 |




TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 510

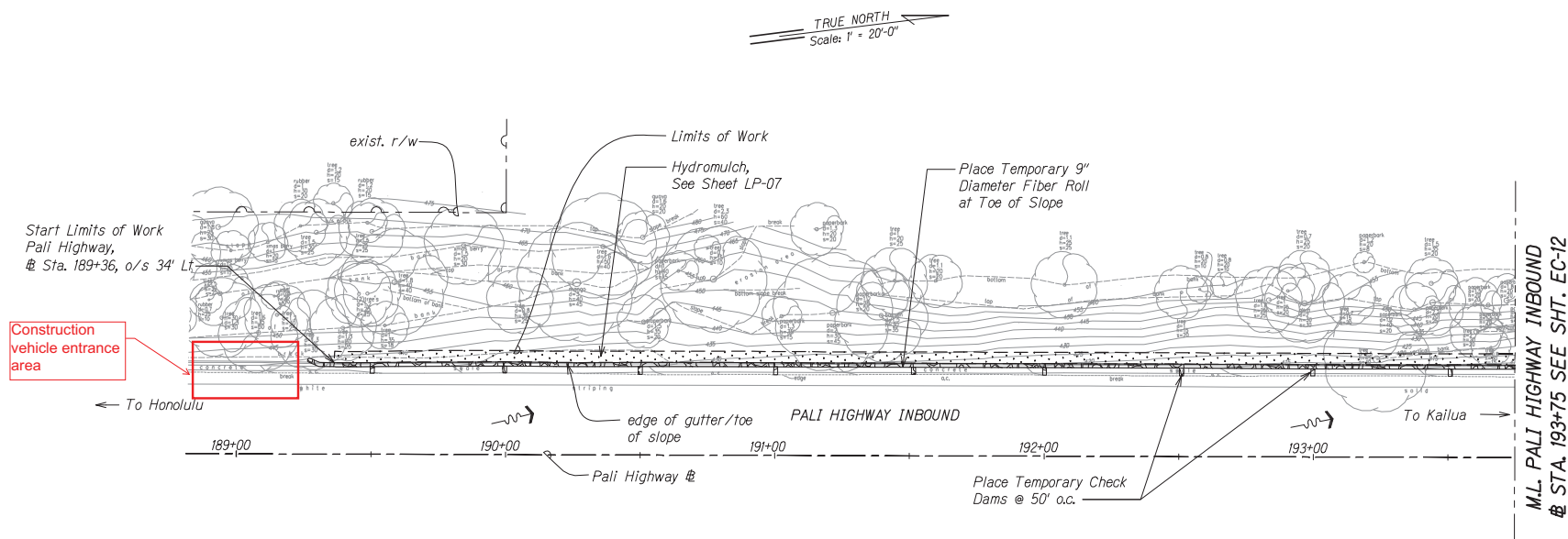
Scale: 1" = 20'-0"

Notes:

1. Install ECM on slopes steeper than 3H:1V. Contractor shall field verify site conditions and ECM limits.
2. For ECM details, see Sheets EC-01 & EC-02.
3. For installation of ECM around obstacles, see Detail 5 on Sheet EC-01.
4. See Landscaping Drawings for tree protection and removal.

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|  <p>4/30/16 EXP. DATE</p> <p><small>This work was prepared by me or under my supervision.</small></p> | <p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p>TEMP. EC AND PERMANENT BMP PLAN</p> <p>PID 510</p> <p>SLOPE IMPROVEMENTS FOR EROSION CONTROL AT VARIOUS SITES ON OAHU, PHASE 7</p> <p>Project No. HWY-0-04-16</p> <p>Scale: 1" = 20' Date: January 2016</p> <p>SHEET No. EC-10 OF 14 SHEETS</p> |
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| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-O-04-16 | 2016 | 24 | 55 |



TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 474

Scale: 1" = 20'-0"

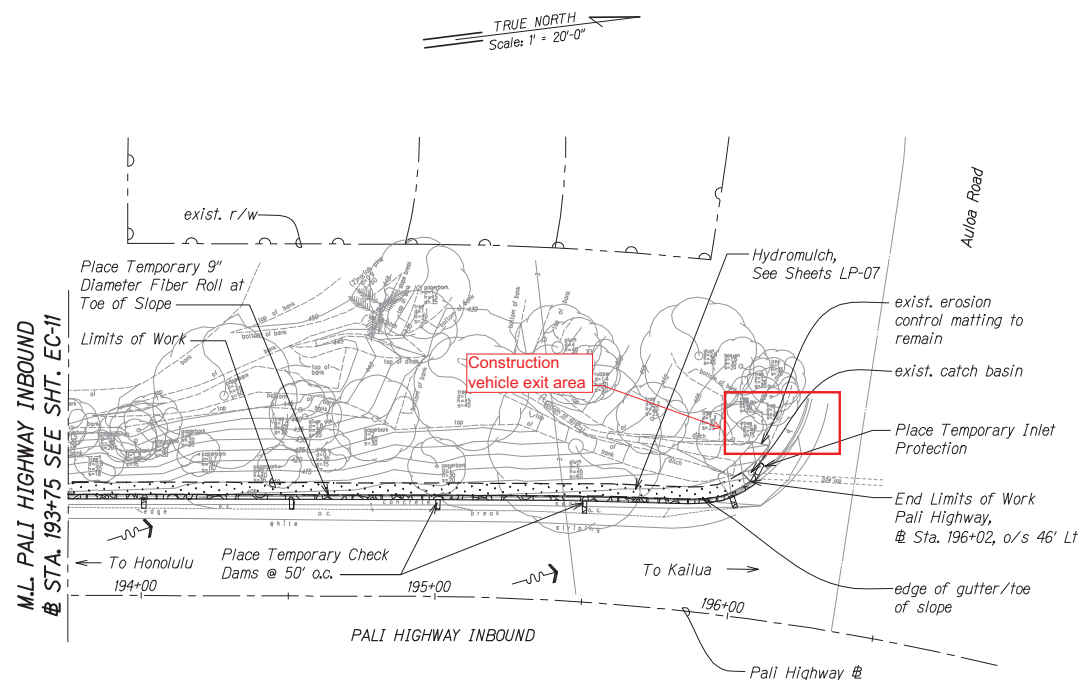
Notes:

1. See Landscaping Drawings for tree protection and removal.

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| | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION |
| | TEMP. EC AND PERMANENT BMP PLAN |
| | PID 474 |
| | SLOPE IMPROVEMENTS FOR EROSION CONTROL AT VARIOUS SITES ON OAHU, PHASE 7 Project No. HWY-O-04-16 Scale: 1" = 20'-0" Date: January 2016 |

SHEET No. EC-11 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-O-04-16 | 2016 | 25 | 55 |




TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 474

Scale: 1" = 20'-0"

Notes:

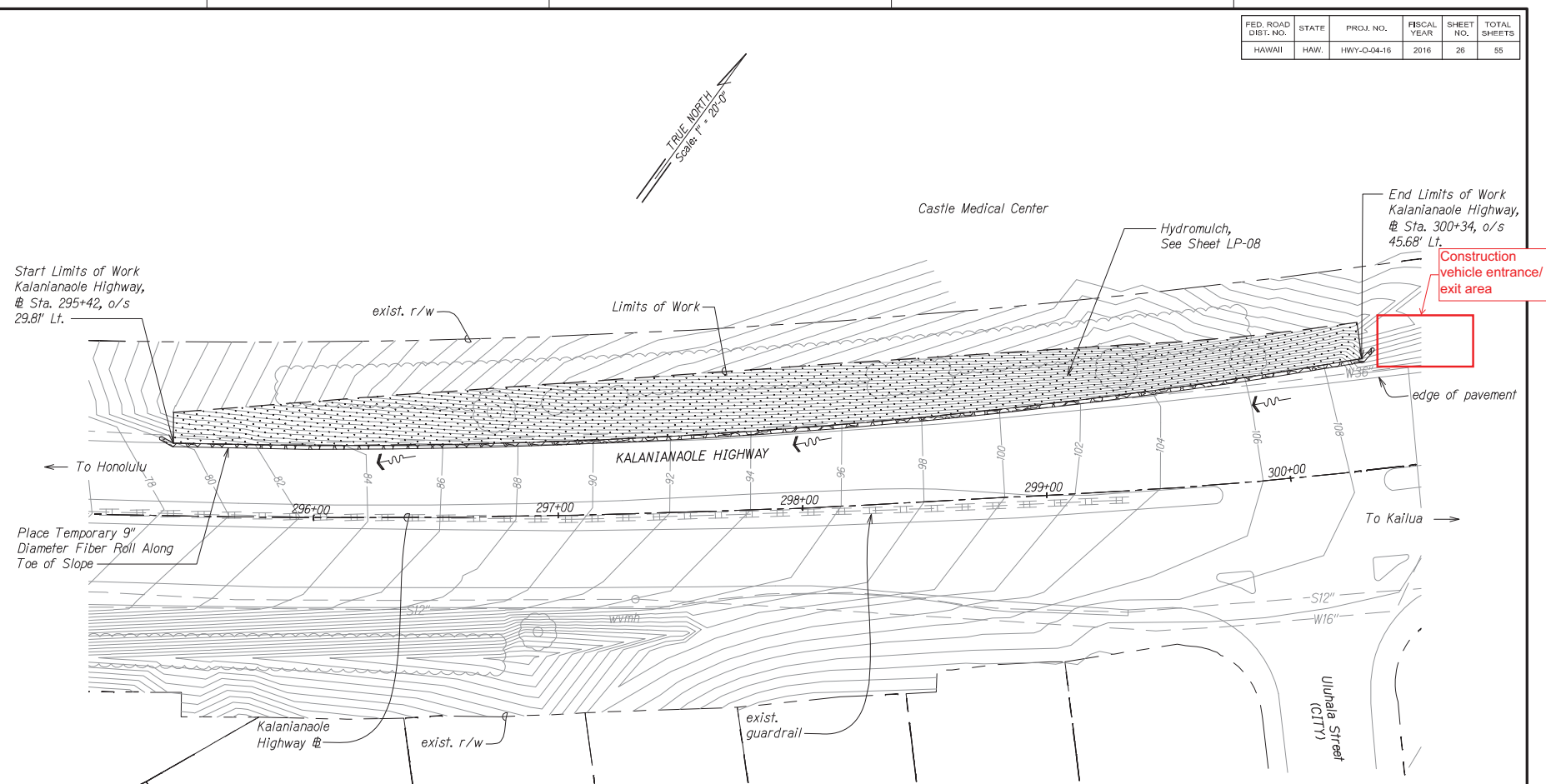
1. See Landscaping Drawings for tree protection and removal.

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|--|---|
|  <p>4/30/16 EXP. DATE</p> <p><small>This work was prepared by me or under my supervision.</small></p> | <p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p>TEMP. EC AND PERMANENT BMP PLAN PID 474</p> <p>SLOPE IMPROVEMENTS FOR EROSION CONTROL AT VARIOUS SITES ON OAHU, PHASE 7</p> <p>Project No. HWY-O-04-16 Scale: 1" = 20'-0" Date: January 2016</p> |
| | <p>SHEET No. EC-12 OF 14 SHEETS</p> |
| | <p>25</p> |
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| NOTES BY | |
| QUANTITIES BY | |
| REVISIONS BY | |

11-250-210-04-000 1/17/2016 1400 74

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-O-04-16 | 2016 | 26 | 55 |



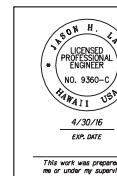
TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 417

Scale: 1" = 20'-0"

Notes:

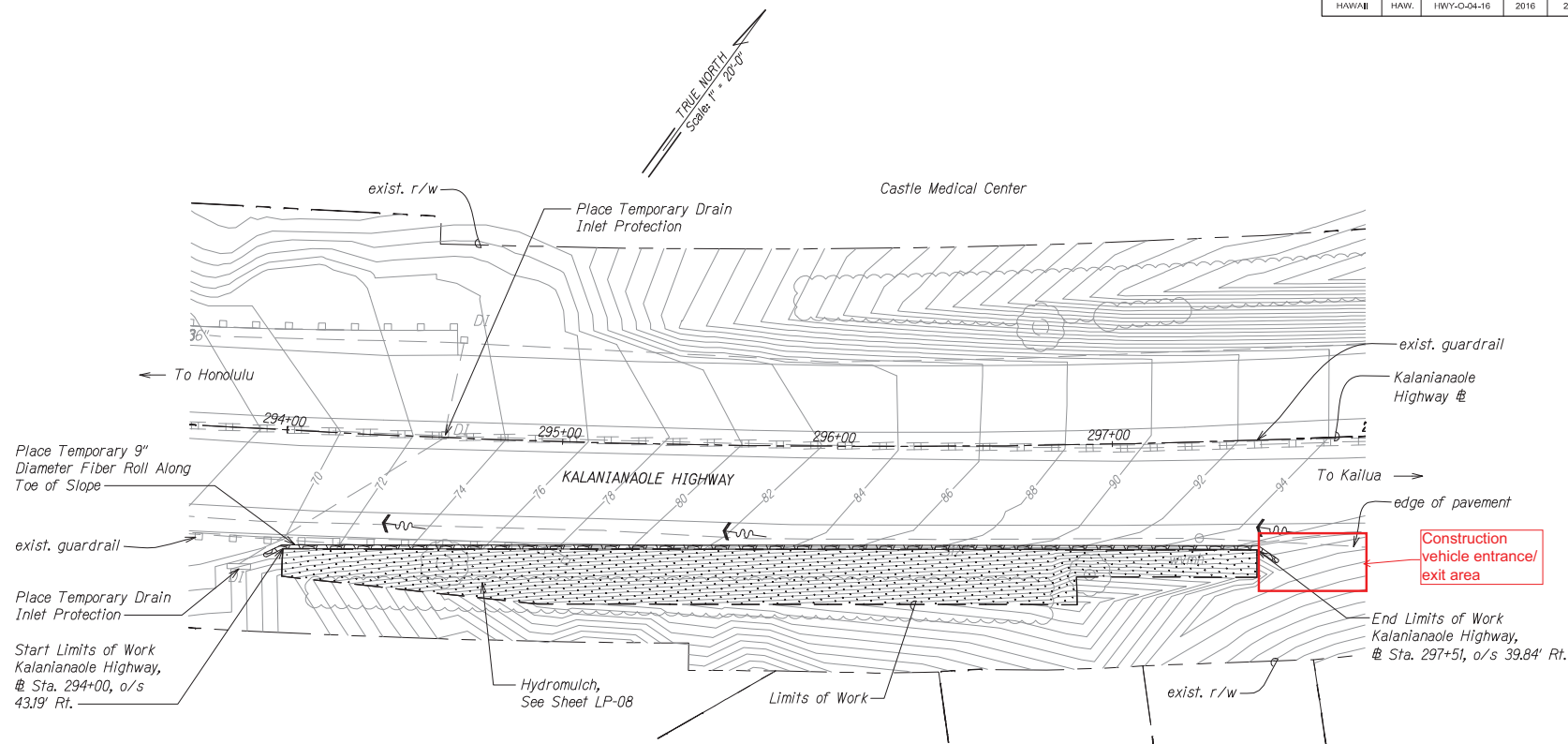
1. See Landscaping Drawings for tree protection and removal.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TEMP. EC AND PERMANENT BMP PLAN
PID 417
SLOPE IMPROVEMENTS FOR EROSION CONTROL
AT VARIOUS SITES ON OAHU, PHASE 1
Project No. HWY-O-04-16
Scale: 1" = 20' Date: January 2016
SHEET No. EC-13 OF 14 SHEETS

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | HWY-0-04-16 | 2016 | 27 | 55 |



TEMPORARY EROSION CONTROL AND PERMANENT BMP PLAN

PID 418

Scale: 1" = 20'-0"

Notes:

- See Landscaping Drawings for tree protection and removal.

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| | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION |
| | TEMP. EC AND PERMANENT BMP PLAN |
| | PID 418 |
| | SLOPE IMPROVEMENTS FOR EROSION CONTROL AT VARIOUS SITES ON OAHU, PHASE 7 Project No. HWY-0-04-16 |
| Scale: 1" = 20' Date: January 2016 SHEET No. EC-14 OF 14 SHEETS | |

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