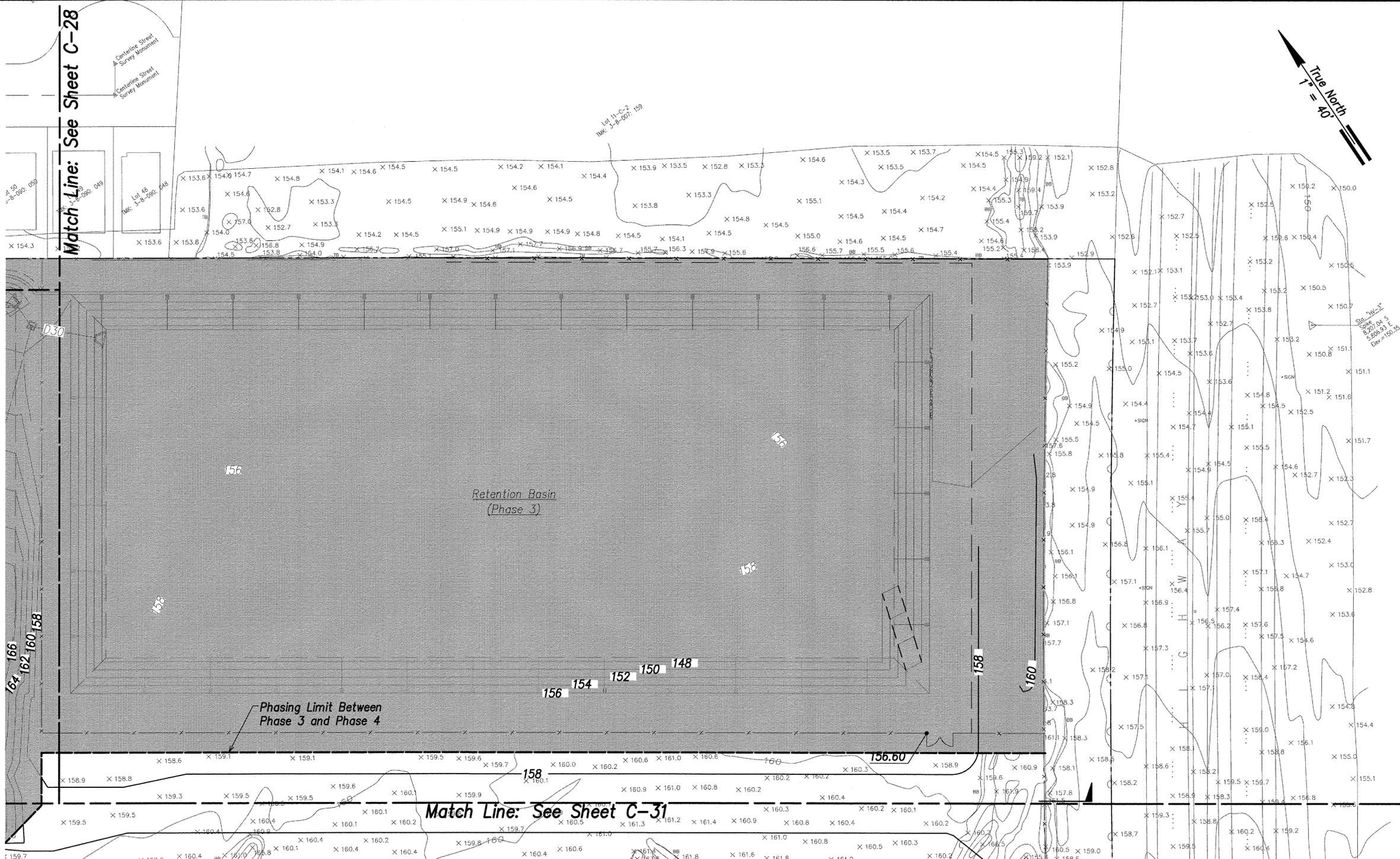
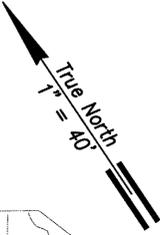
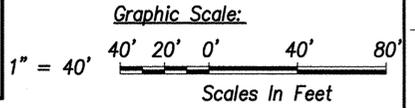
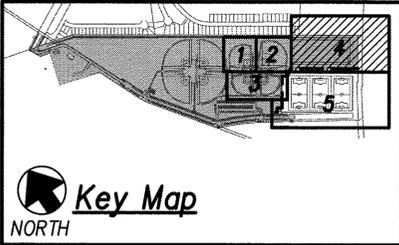


Match Line: See Sheet C-28

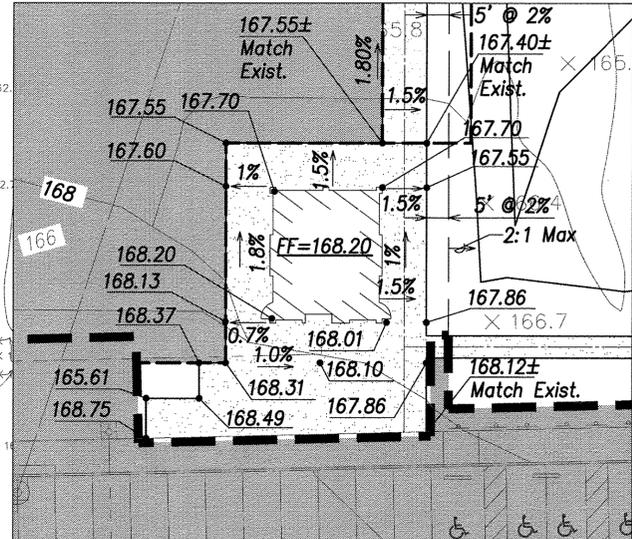
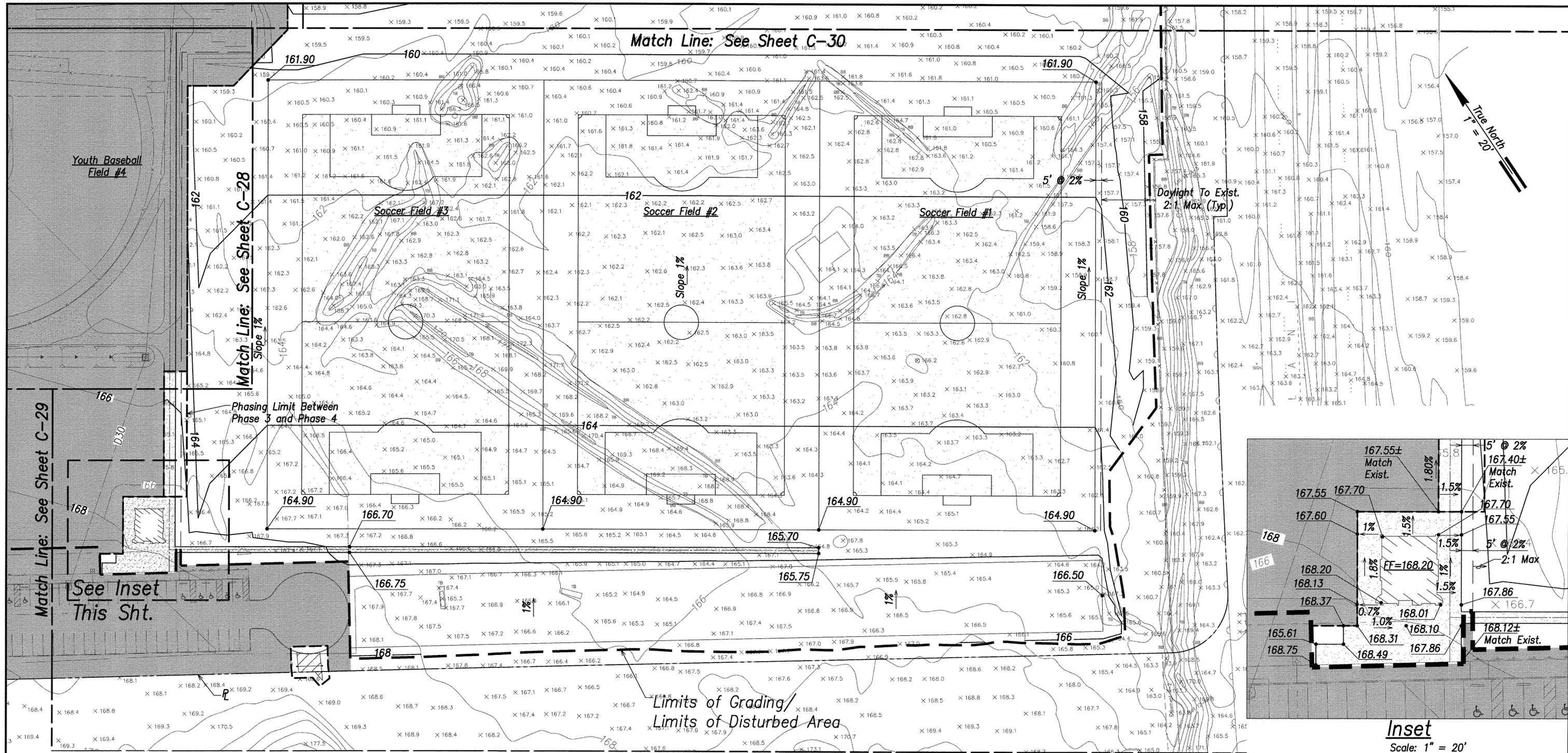


- Legend**
- Property Line
 - - - Exist. Easement
 - [] Grading Limit
 - [] N.I.C. (Ph. 1, 2, 3)
 - [] Concrete Walkway
 - D18- Drain Line & Size
 - D18- Existing Drain Line & Size
 - x 157.5 Existing Spot Elevation and Location
 - 180--- Exist. Contour
 - 180--- Finished Contour
 - Top Bank
 - Bottom Bank
 - Y Y Y Slope
 - FF=166 Finish Floor Elevation
 - 165.36 Finish Spot Elevation

Grading Plan - 4
Scale: 1" = 40'



| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|--|------|--|---------|----------------------|----------------------------|
| <p>STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION</p> <p>CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII</p> <p>GRADING PLAN - 4</p> | | | | | |
| DESIGNED: GR/NN/JP | | SUBMITTED: --- | | | |
| DRAWN: GR/NN/JP | | DATE: AUGUST 2016 | | | |
| CHECKED: GTR | | SCALE: AS SHOWN | | | |
| APPROVED: <i>[Signature]</i> | | R. M. TOWILL CORPORATION CHIEF ENGINEER | | AUG - 8 2016 DATE | |
| | | | | | DRAWING NO. C-30 |



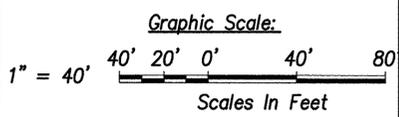
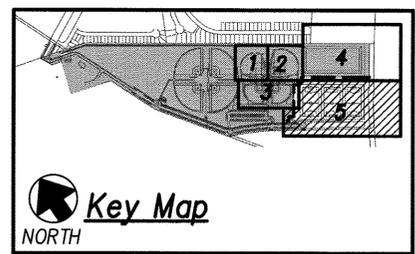
Inset
Scale: 1" = 20'

Legend

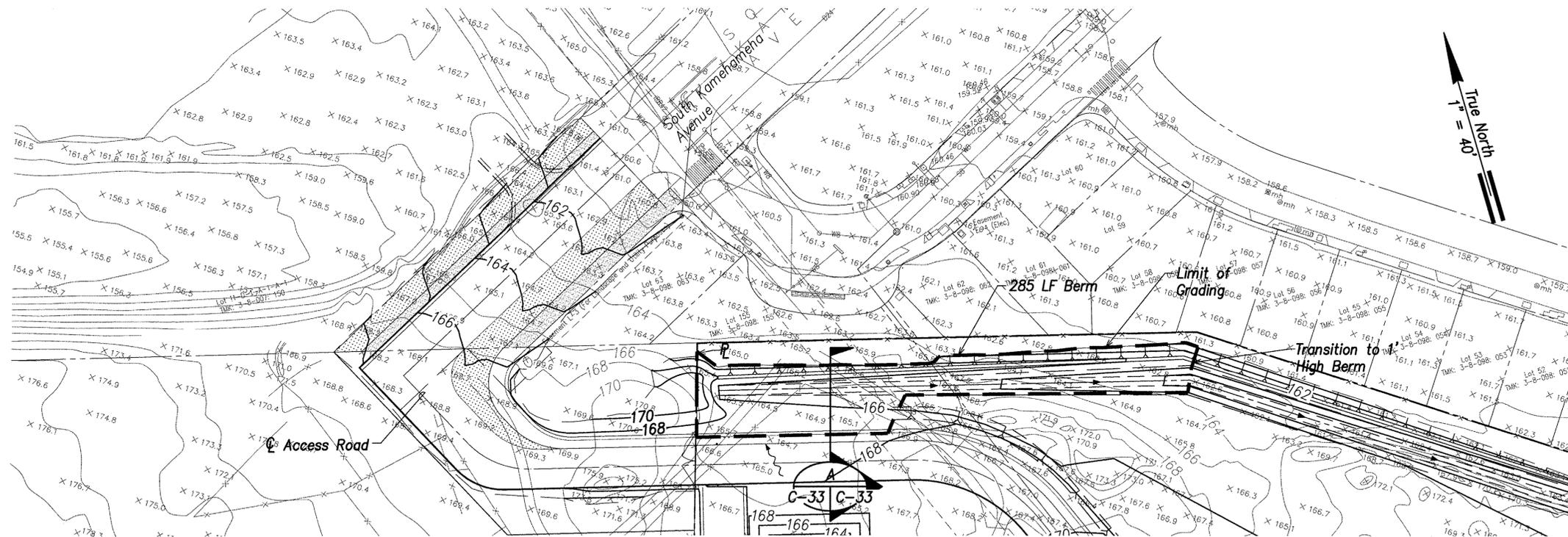
| | | | |
|--|--------------------------------------|--|-------------------------------|
| | Property Line | | 180 Exist. Contour |
| | Exist. Easement | | 180 Finished Contour |
| | Grading Limit | | Top Bank |
| | N.I.C. (Ph. 1, 2, 3) | | Bottom Bank |
| | Concrete Walkway | | Slope |
| | D18 Drain Line & Size | | FF=166 Finish Floor Elevation |
| | Existing Drain Line & Size | | 165.36 Finish Spot Elevation |
| | Existing Spot Elevation and Location | | |

Grading Plan - 5
Scale: 1" = 40'

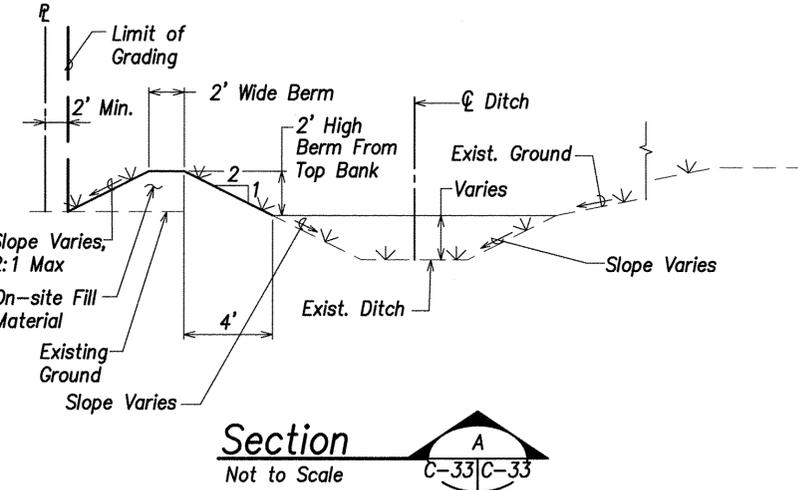
Grading Note:
To balance the earthwork onsite, the Contractor may adjust the finish grade between the soccer field and the drainage basin. A minimum 1% slope shall be maintained toward the drainage basin. This effort shall be considered incidental to the contract lump sum earthwork pay item. No additional compensation will be allowed.



| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|--|--------------------|-------------|-------------------------|------|----------|
| | | | | | |
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII GRADING PLAN - 5 | | | | | |
| DESIGNED: GR/NN/JP | SUBMITTED: --- | | | | |
| DRAWN: GR/NN/JP | DATE: AUGUST 2016 | | | | |
| CHECKED: GTR | SCALE: AS SHOWN | | | | |
| APPROVED: | DATE: AUG - 8 2016 | | DRAWING NO. C-31 | | |
| R. M. TOWILL CORPORATION <small>Professional Engineer - License No. 9300-C, Hawaii, U.S.A.</small> | | | | | |



True North
1" = 40'

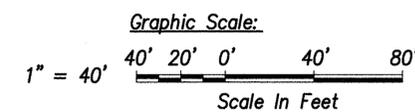
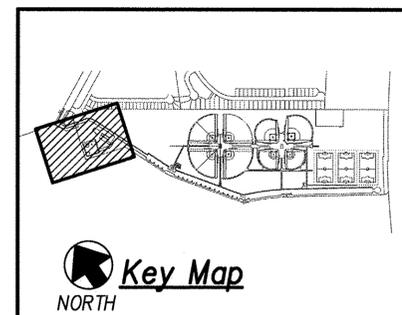


Section A
Not to Scale
C-33/C-33

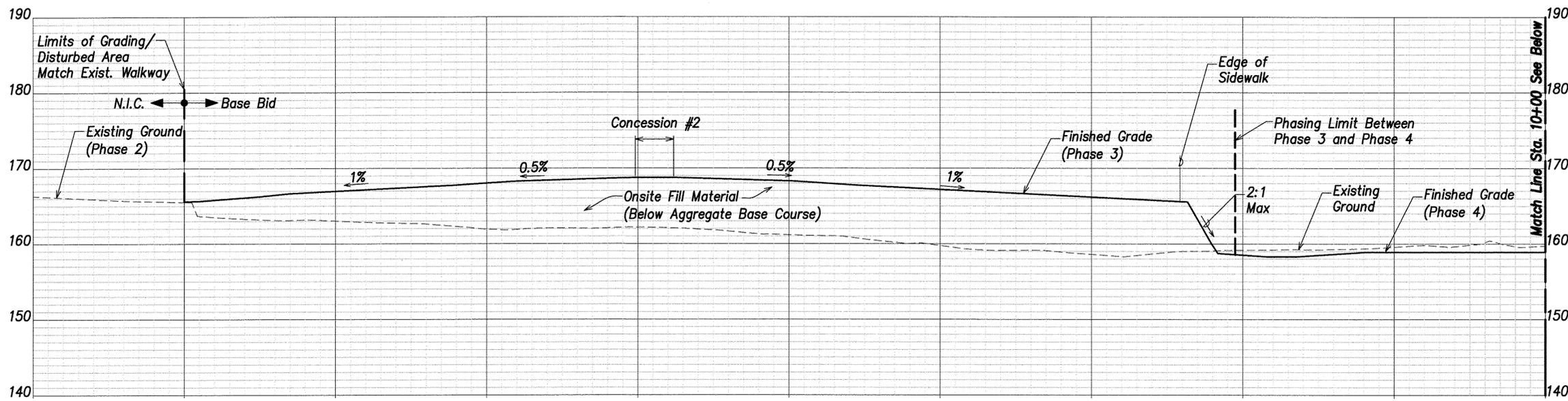
Grading Plan - 7
Scale: 1" = 40'

Legend

- 180 — Exist. Contour
- 180 — Finished Contour
- — — Limit of Grading
- — — Top Bank
- — — Bottom Bank
- Y Y Y Slope
- FF=166 Finish Floor Elevation
- 166.00 Finish Spot Elevation

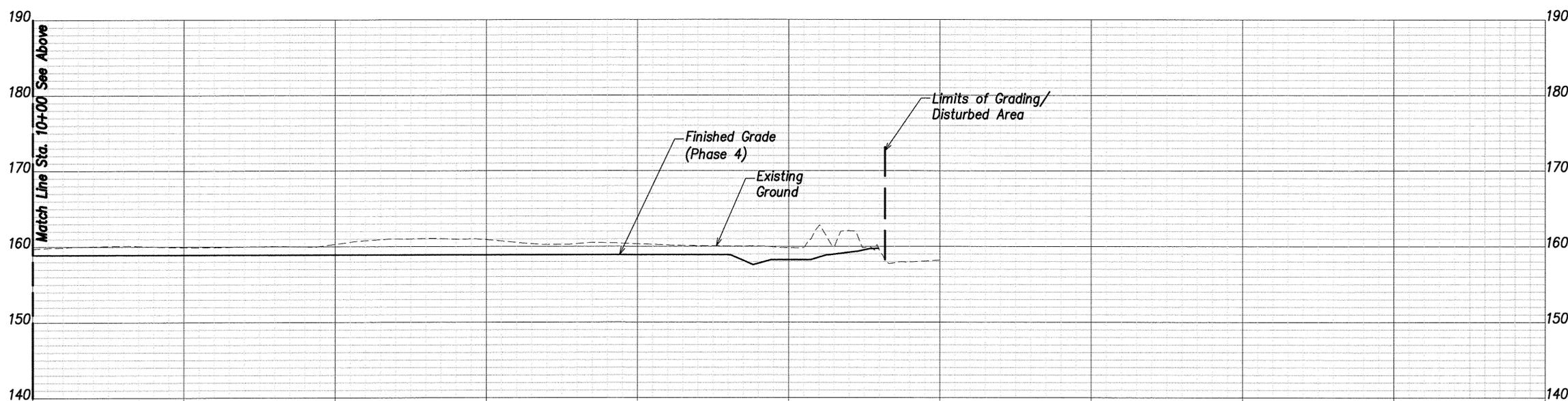


| REVISION NO. | SYMBOL | DESCRIPTION | SHT./OF | DATE | APPROVED |
|---|--------|--|----------------------|--|------------------|
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII GRADING PLAN - 7 | | | | | |
| | | DESIGNED: GR/NN/JP DRAWN: GR/NN/JP CHECKED: GTR APPROVED: | | | |
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. | | 4/30/18 EXP. DATE | | SUBMITTED: -- DATE: AUGUST 2016 SCALE: AS SHOWN DRAWING NO. C-33 | |
| R. M. TOWILL CORPORATION <small>1000 W. Kalia Road, Suite 200, Honolulu, Hawaii 96814-1000</small> | | | AUG - 8 2016 DATE | | JOB NO. F93C817E |



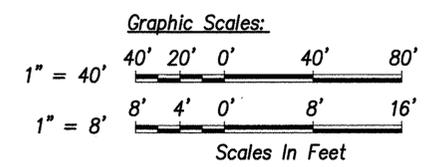
Section
 Scales: Hor: 1" = 40' A
 Vert: 1" = 8' C-27|C-41

Note:
 All Exposed Areas
 Shall Be Grassed.
 See Landscape Plans

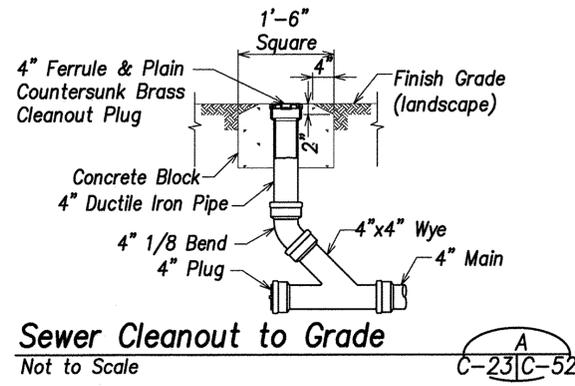


Section
 Scales: Hor: 1" = 40' A
 Vert: 1" = 8' C-28|C-41

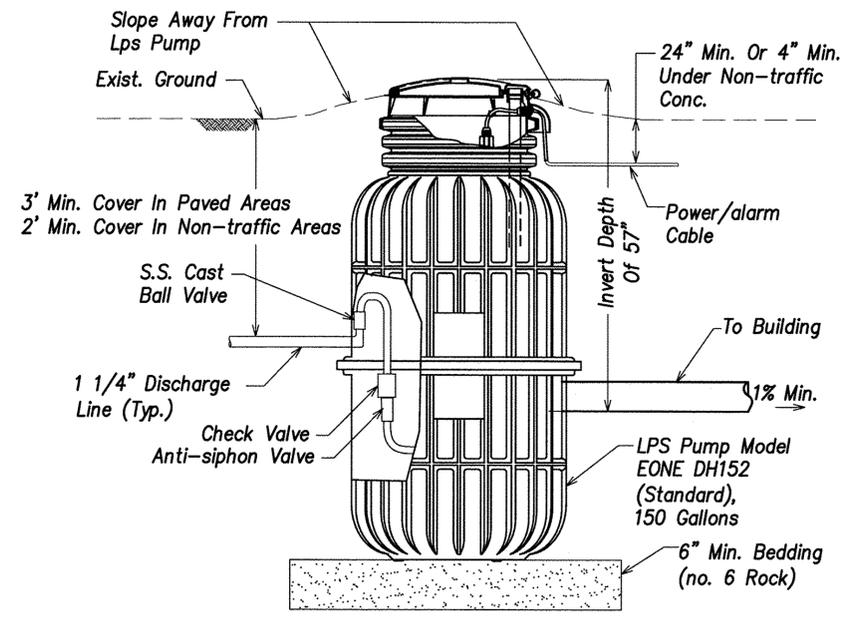
Note:
 All Exposed Areas
 Shall Be Grassed.
 See Landscape Plans



| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|---|------|-------------|--|------|----------------------------|
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII SITE SECTIONS - 1 | | | | | |
| DESIGNED: GR/NN/JP DRAWN: GR/NN/JP CHECKED: GTR | | | SUBMITTED: --- DATE: AUGUST 2016 SCALE: AS SHOWN | | |
| APPROVED: R. M. TOWILL CORPORATION CHIEF ENGINEER | | | | | DRAWING NO. C-41 |



Sewer Cleanout to Grade
Not to Scale
A
C-23|C-52

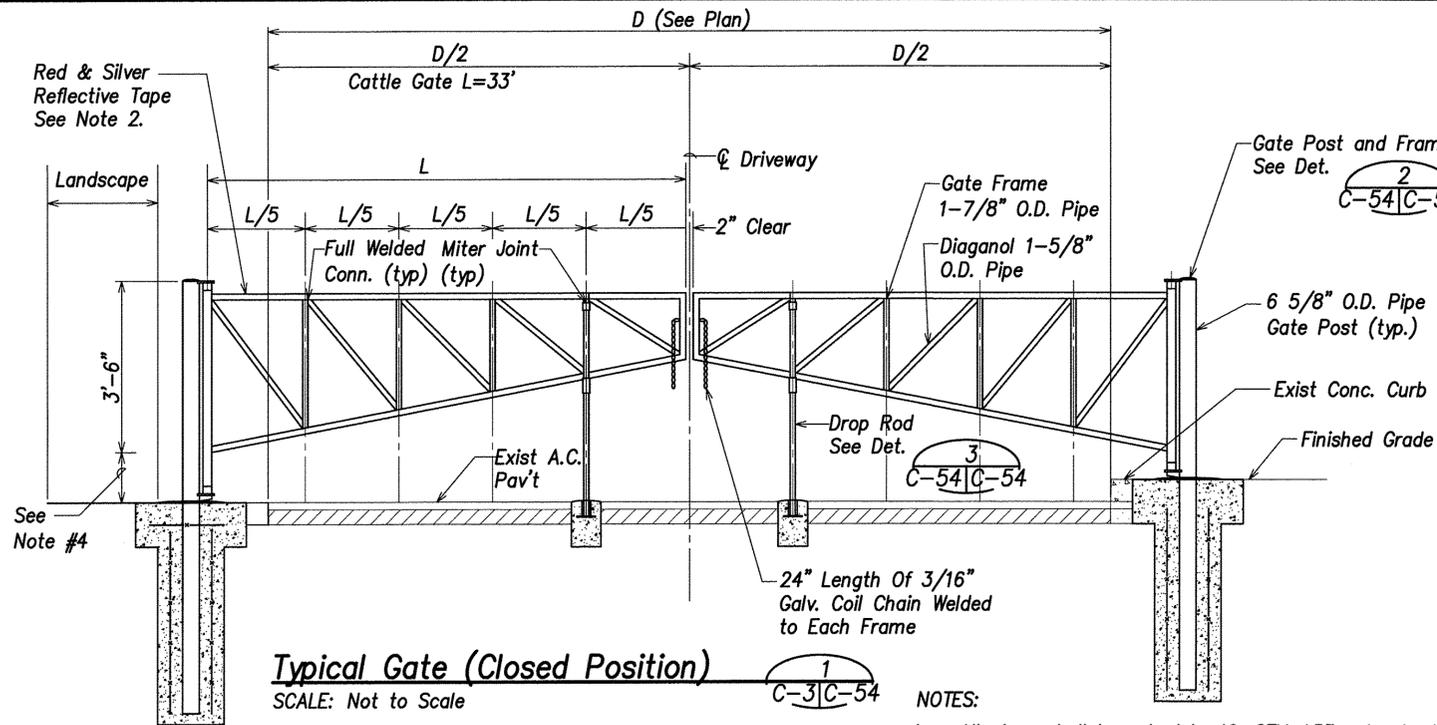


Sewer Pump Detail - Unpaved
Not to Scale
B
C-26|C-52

Pump Notes:

1. Pump Shall Be Supplied With An Emergency Generator Receptacle And Manual Transfer Switch.
2. Sewer Pump Consists Of A Grinder Pump, Check Valve, Tank, And All Necessary Controls Packaged Into A Single Unit. The Unit Pumps At 11 GPM.
3. Pump Shall Be Eone Model Dh152 Or Approved Equal.

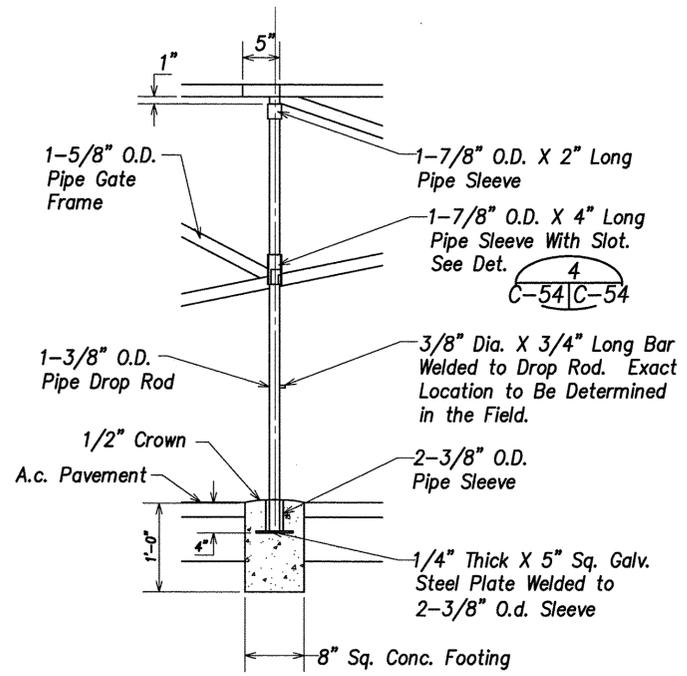
| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|---|------|-------------|---|------|----------|
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII SEWER DETAILS | | | | | |
| | | | DESIGNED: GR/NN/JP DRAWN: GR/NN/JP CHECKED: GTR APPROVED: | | |
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE: 4/20/18 EXP. DATE: | | | SUBMITTED: -- DATE: AUGUST 2016 SCALE: AS SHOWN DRAWING NO. C-52 DATE: AUG - 8 2016 | | |
| R. M. TOWILL CORPORATION <small>2024 542 1133 2024 Maui Pkg Detail, Scale 200 Honolulu, Hawaii 96813-2044</small> | | | | | |



Typical Gate (Closed Position)

SCALE: Not to Scale

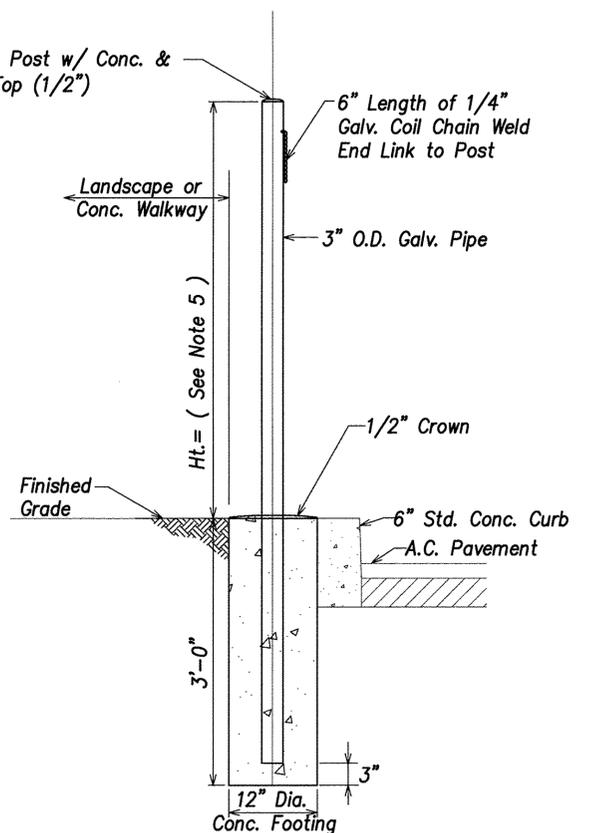
1
C-54|C-54



Drop Rod

SCALE: 1" = 1'-0"

3
C-54|C-54



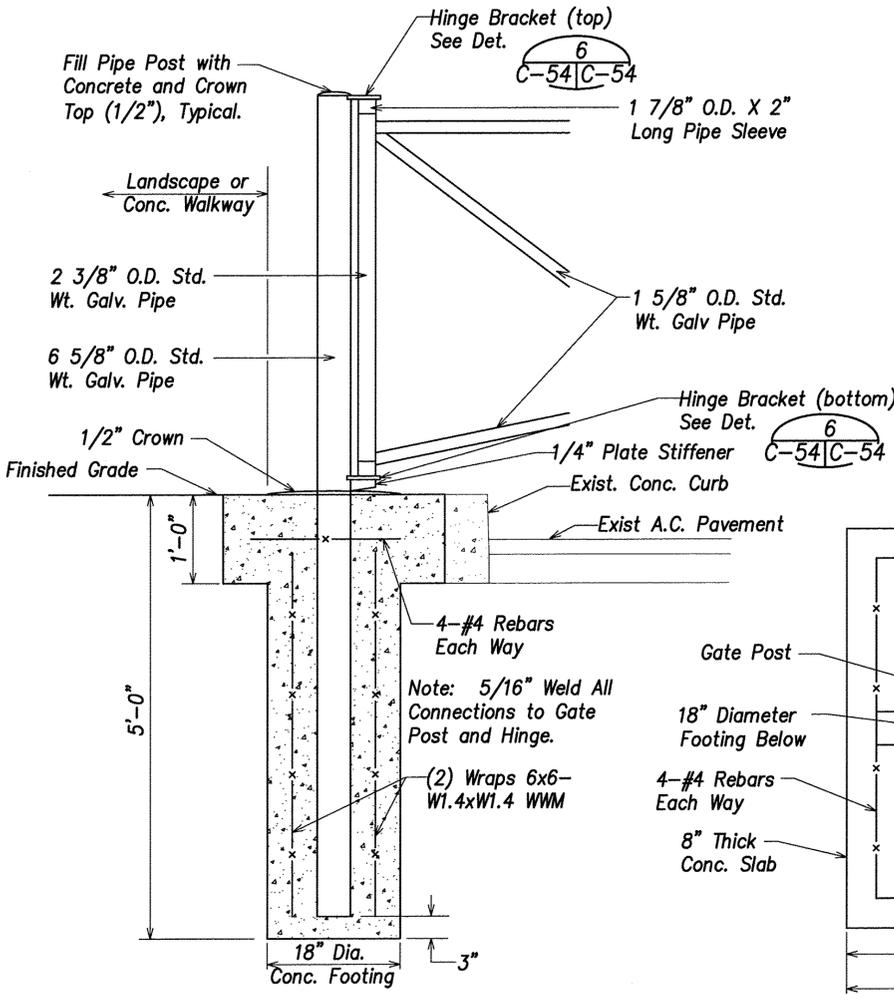
Gate Holdback Post

SCALE: 1" = 1'-0"

5
C-54|C-54

NOTES:

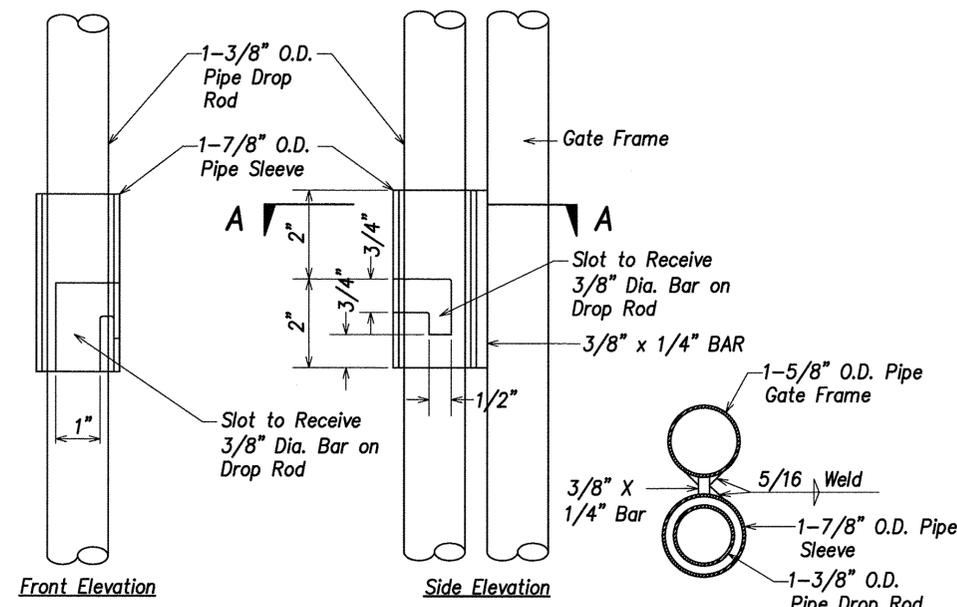
- All pipes shall be schedule 40, STM A53 galvanized steel.
- Wrap reflective tape around entire pipe gate frames and posts. Alternate 12" bands of red and silver.
- Provide 2 padlocks for each gate. Padlocks shall be keyed alike.
- Adjust clear dimension to make both frames level to each other and to allow clearances for gate swing.
- Height of holdback post to match height of gate in the open position unless otherwise indicated.
- All concrete footings shall be Class "B" concrete.



Gate Post and Frame

SCALE: 1" = 1'-0"

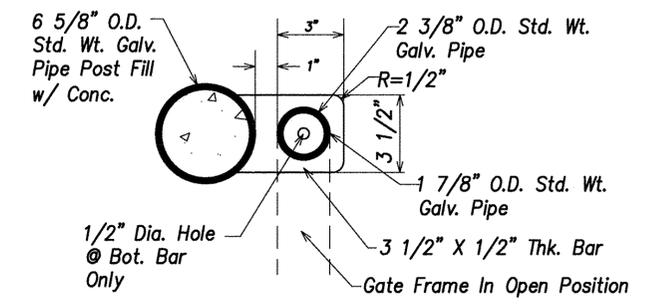
2
C-54|C-54



Pipe Sleeve With Slot

SCALE: 6" = 1'-0"

4
C-54|C-54

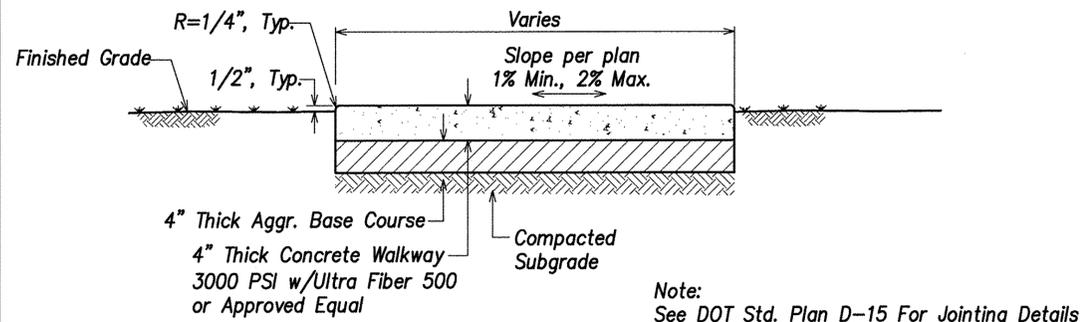


Hinge Bracket

SCALE: 3" = 1'-0"

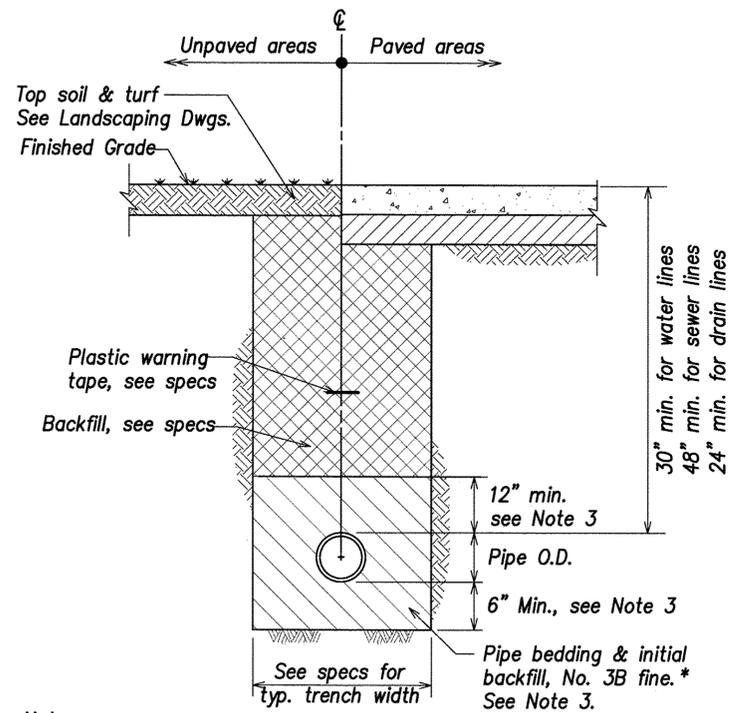
6
C-54|C-54

| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|---|-------------------|--------------|---------|-------------------------|----------|
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII CATTLE GATE DETAILS | | | | | |
| DESIGNED: GR/NN/JP | SUBMITTED: --- | | | | |
| DRAWN: GR/NN/JP | DATE: AUGUST 2016 | | | | |
| CHECKED: GTR | SCALE: AS SHOWN | | | | |
| APPROVED: <i>[Signature]</i> | | AUG - 8 2016 | | DRAWING NO. C-54 | |
| R. M. TOWILL CORPORATION <small>Engineers, Architects, Planners and Environmental Scientists</small> | | | | | |



Note:
See DOT Std. Plan D-15 For Jointing Details

Concrete Sidewalk
Not to Scale



Notes:

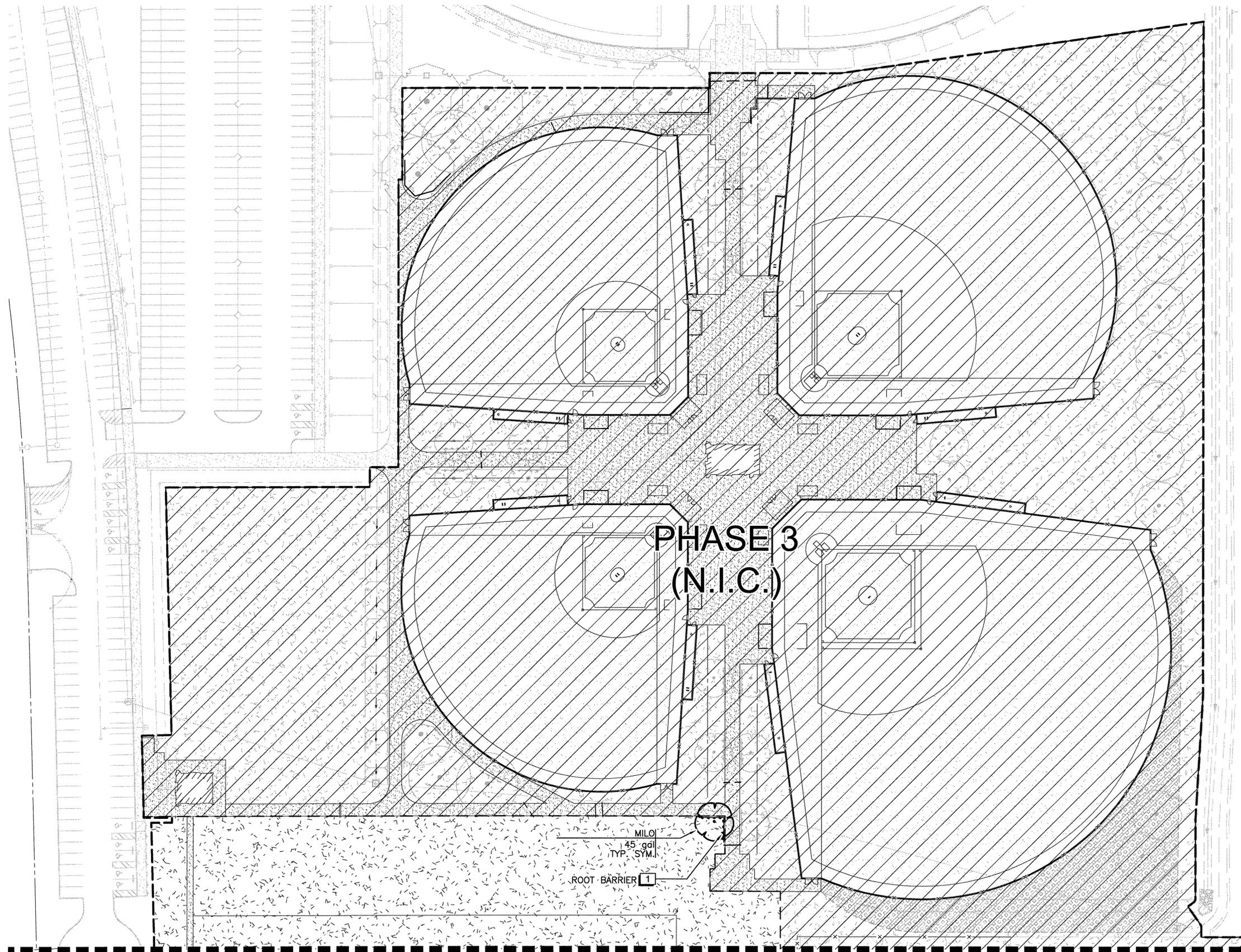
1. Provide minimum clearance between water crossing over sewer lines of 12".
2. For pipes larger than 24" in diameter provide 12" of bedding below pipe.
3. For waterline installation, see DWS Std. Det. P10 for pipe bedding & initial backfill requirements.

Trench Restoration Detail
Not to Scale

| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|---|------|---|---------|----------------------------|----------|
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII MISC. DETAILS | | | | | |
| THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. | | | | | |
| | | DESIGNED: GR/NN/JP SUBMITTED: --- DRAWN: GR/NN/JP DATE: AUGUST 2016 CHECKED: GTR SCALE: AS SHOWN | | | |
| R. M. TOWILL CORPORATION <small>Quality • Integrity • Environmental Stewardship • Professionalism • Innovation • Commitment to Excellence</small> 2000 Kalia Road, Suite 200, Honolulu, Hawaii 96811-2000 | | APPROVED: CHIEF ENGINEER AUG - 8 2016 DATE | | DRAWING NO. C-55 | |

PLANT SCHEDULE

| TREES | BOTANICAL NAME |
|---|------------------------|
|  | CALOPHYLLUM INOPHYLLUM |
|  | CASSIA X NEALIAE |
|  | THESPESIA POPULNEA |
| SHRUBS | BOTANICAL NAME |
|  | SCAEVOLA FRUTESCENS |
| SOD/SEED | BOTANICAL NAME |
|  | CYNODON DACTYLON |

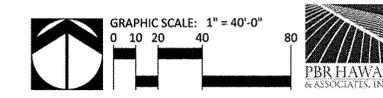


**PHASE 3
(N.I.C.)**

M.I.L.O.
45-gal.
TYP. SYM.
ROOT BARRIER 1

MATCHLINE: SEE SHEET L-2

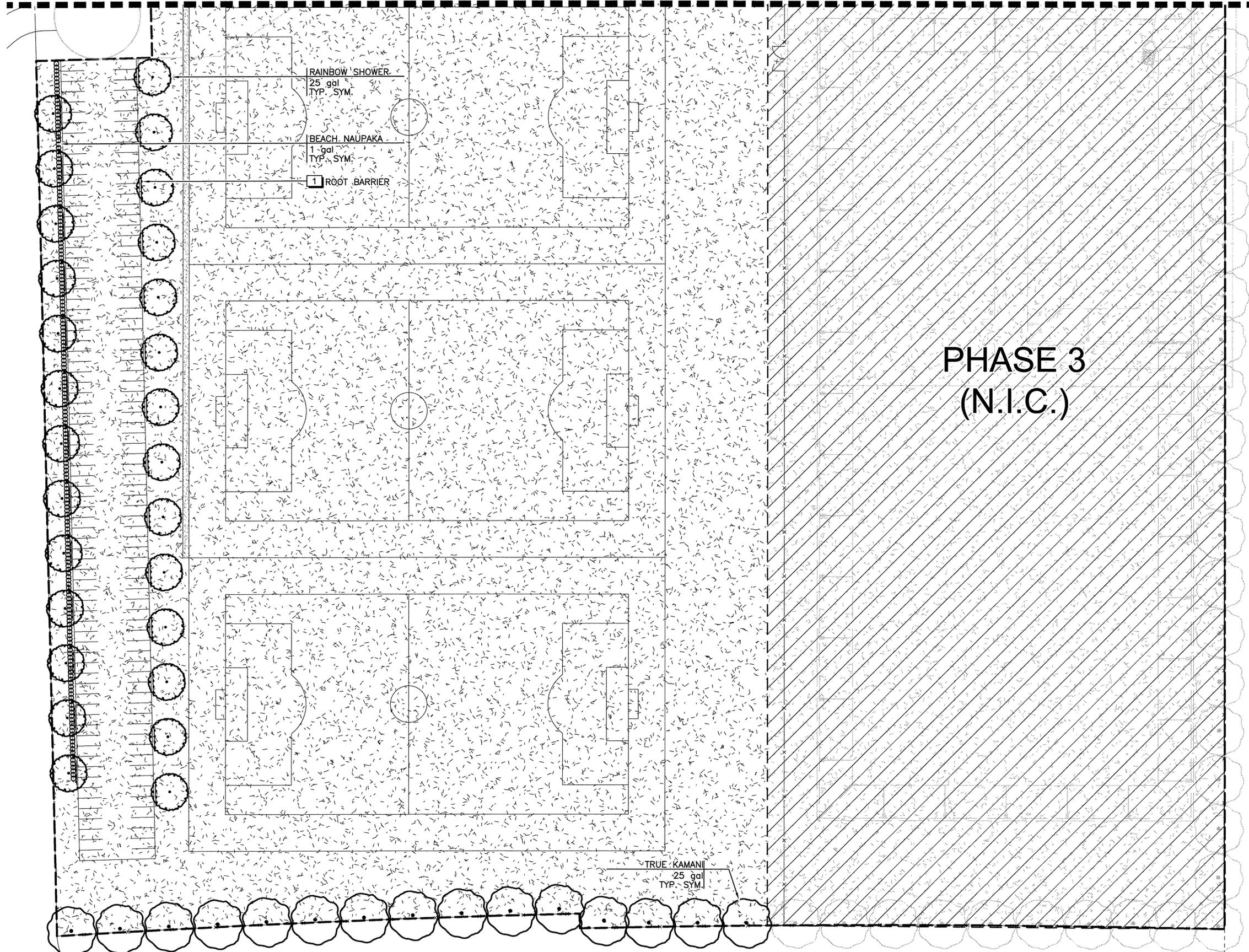
1 PARTIAL PLANTING PLAN - 1
SCALE: 1" = 40'-0"



| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|--|--|-------------|----------------------|------|---------------------------|
|  | | | | | |
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII | | | | | |
| PARTIAL PLANTING PLAN - 1 | | | | | |
| DESIGNED: BO | SUBMITTED: -- | | | | |
| DRAWN: CB | DATE: AUGUST 2016 | | | | |
| CHECKED: RC | SCALE: AS SHOWN | | | | |
| APPROVED:  | R. M. TOWILL CORPORATION CHIEF ENGINEER | | AUG - 8 2016 DATE | | DRAWING NO. L-1 |

P:\PROJECTS\MAUI\Central Maui Regional Park\CADD\Phase 4\CAD\SHETS\L-01.dwg L-1

MATCHLINE: SEE SHEET L-1



PLANT SCHEDULE

| TREES | BOTANICAL NAME |
|----------|------------------------|
| | CALOPHYLLUM INOPHYLLUM |
| | CASSIA X NEALIAE |
| | THESPIESIA POPULNEA |
| SHRUBS | BOTANICAL NAME |
| | SCAEOVOLA FRUTESCENS |
| SOD/SEED | BOTANICAL NAME |
| | CYNODON DACTYLON |

**PHASE 3
(N.I.C.)**

RAINBOW SHOWER
25 gal
TYP. SYM.

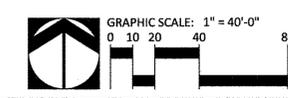
BEACH NAUPAKA
1 gal
TYP. SYM.

1 ROOT BARRIER

TRUE KAMANI
25 gal
TYP. SYM.

P:\PROJECTS\MAUI\Central Maui Regional Park\CADD\Phase 4\CAD SHEETS\L-01.dwg L-2

1 PARTIAL PLANTING PLAN - 2
SCALE: 1" = 40'-0"



| | | | | | |
|---|--------------------|--|---------|------|----------|
| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII PARTIAL PLANTING PLAN - 2 | | | | | |
| | | THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE: <i>Russell Y.J. Chung</i> EXP. DATE: 4/30/18 | | | |
| DESIGNED: BO | SUBMITTED: --- | | | | |
| DRAWN: CB | DATE: AUGUST 2016 | | | | |
| CHECKED: RC | SCALE: AS SHOWN | | | | |
| APPROVED: <i>R.M. Towill</i> | DATE: AUG - 8 2016 | DRAWING NO. L-2 | | | |
| R. M. TOWILL CORPORATION 2008 512 1120 2024 Kapiolani Blvd, Suite 202 Honolulu, Hawaii 96816-2044 | | CHIEF ENGINEER | | | |

PLANTING NOTES

- LANDSCAPE CONTRACTOR SHALL FIELD VERIFY ALL PLANT QUANTITIES AND DIMENSIONS PRIOR TO INSTALLATION. QUANTITIES SHOWN ON PLANT LIST AND MATERIAL SCHEDULES ARE FOR REFERENCE ONLY, VERIFY ACTUAL QUANTITIES AS SHOWN ON PLAN. IF THERE IS A DISCREPANCY, THE PLANTING PLAN SHALL TAKE PRECEDENCE.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING UTILITIES.
- PRIOR TO TREE AND SHRUB HOLE EXCAVATION, ALL PLANTING LOCATIONS SHALL BE STAKED OUT BY CONTRACTOR FOR APPROVAL BY LANDSCAPE ARCHITECT. DO NOT PLANT UNTIL GROUND HAS BEEN PREPARED AND FREE OF STONES GREATER THAN 1/2", DIA., SITE IS NEAT, ORDERLY, AND THE LANDSCAPE ARCHITECT ACCEPTS SITE FOR PLANTING.
- NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANT LOCATIONS OR INSUFFICIENT PLANT QUANTITIES DUE TO DIFFERENCE IN PLANS AND ACTUAL FIELD CONDITIONS.
- NOTIFY LANDSCAPE ARCHITECT 30 DAYS PRIOR TO PLANTING OPERATIONS FOR APPROVAL OF ALL PLANT MATERIAL AT PLACE OF GROWTH. ALL PLANT MATERIAL NOT APPROVED BY THE LANDSCAPE ARCHITECT WILL BE SUBJECT TO REJECTION. THE LANDSCAPE ARCHITECT WILL INSPECT PLANTS AT THE PLACE OF GROWTH AND AFTER THE DELIVERY TO THE PROJECT. EACH TREE SHALL BE TAGGED BY THE LANDSCAPE ARCHITECT. TREES DELIVERED TO THE PROJECT WITHOUT LANDSCAPE ARCHITECT'S TAG WILL BE REJECTED.
- PLANTS SHALL MEET SIZE INDICATED BY MINIMUM HEIGHT AND SPREAD. PLANTS SHALL BE STRAIGHT AND UNIFORMLY SHAPED, UNLESS UNIQUE OR SPECIAL CHARACTERISTICS ARE SPECIFIED, AND SHALL BE UNDAMAGED, SOUND, HEALTHY, VIGOROUS AND FREE OF DISEASE AND INSECT INFESTATION. PLANTS NOT CONFORMING TO THESE REQUIREMENTS ON DELIVERY TO THE PROJECT AND AT THE END OF THE PLANT ESTABLISHMENT PERIOD WILL BE REJECTED.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE COMPLETE REMOVAL AND DAMAGES RESULTING FROM PLANTING ANY PLANT SPECIES LISTED ON THE HAWAII DEPARTMENT OF AGRICULTURE 'NOXIOUS WEED RULES' AS DEFINED IN THE STATUTE, HAWAII ADMINISTRATIVE RULES 4:68:1 OR THE 'FEDERAL NOXIOUS WEED LIST' AS DEFINED IN TITLE 7 OF THE CODE OF FEDERAL REGULATIONS (CFR), PARTS 360 AND 361.
- ALL TREE WORK MUST ADHERE TO AMERICAN NATIONAL STANDARD INSTITUTE (OR ANSI) - A300 TREE CARE STANDARDS AND ANSI-Z133 SAFETY STANDARDS FOR TREE WORK. WORK SHALL BE CONTRACTED TO ARBORISTS THAT HAS BEEN CERTIFIED IN GOOD STANDINGS AS AN ISA CERTIFIED ARBORIST FOR AT LEAST 5 YEARS TO ASSURE THAT TREE WORK IS PERFORMED PROPERLY AND TREES ARE NOT DAMAGED BY PRACTICES SUCH AS TOPPING, FLUSH CUTS, OVER-THINNING, OR CLIMBING WITH SPIKES. CONTRACTOR SHALL SUBMIT A COPY OF THE ISA ARBORIST CERTIFICATION OF GOOD STANDING OF 5 YEARS TO THE LANDSCAPE ARCHITECT A MINIMUM OF 7 DAYS PRIOR TO TREE PRUNING.
- FOR THE DURATION OF CONSTRUCTION WITHIN THE DRIP LINE OF TREES TO REMAIN THERE MUST BE: NO CHANGES, ALTERATIONS OR DISTURBANCE TO THE GRADE BY ADDING FILL, EXCAVATING OR SCRAPING EXCEPT AS NOTED ON PLANS; NO STORAGE OF CONSTRUCTION MATERIAL OR EQUIPMENT; NO STOCKPILING OF ANY CONSTRUCTION MATERIAL OR ANY EXCAVATED MATERIAL NO DISPOSAL OF ANY LIQUIDS (E.G. CONCRETE SLEUTH, GAS, OIL, PAINT); NO VEHICULAR TRAFFIC, EQUIPMENT OR EXCESSIVE PEDESTRIAN TRAFFIC NO ATTACHMENT OF ANY WIRES, ROPES, LIGHTS, OR ANY OTHER SUCH ATTACHMENT OTHER THAN THOSE OF PROTECTIVE NATURE TO ANY TREE TO BE PRESERVED; AND NO CLEANING OF EQUIPMENT OR MATERIAL UNDER THE CANOPY OF ANY TREE OR GROUP OF TREES TO REMAIN.
- PROTECTIVE FENCE SHALL BE ERECTED AROUND TREES IDENTIFIED ON PLAN OR TREES WITH TRUNK DIAMETER GREATER THAN 24 INCHES AS MEASURED AT HEIGHT OF 4 1/2 FEET. PROTECTIVE FENCE SHALL BE 4 FEET HIGH ORANGE PLASTIC MESH OR APPROVED EQUIVALENT SUPPORTED ON STEEL T-POST A MINIMUM OF 6 FEET LONG. PROTECTIVE FENCE SHALL SURROUND TREE AT MINIMUM OF 10 FEET FROM TREE TRUNK WITH STEEL T-POST AT A MINIMUM OF 5 FEET ON CENTER.
- IF TREES OTHER THAN THOSE SPECIFICALLY DESIGNATED FOR REMOVAL ARE DAMAGED BEYOND SURVIVAL CONDITIONS AS DETERMINED BY THE LANDSCAPE ARCHITECT, THE CONTRACTOR SHALL REMOVE SUCH TREES AND REPLACE THE TREE WITH A SAME SPECIES AND SIZE AND MAINTAIN FOR THE DURATION OF CONSTRUCTION OR 12 MONTHS WHICHEVER IS GREATER AT NO COST TO THE OWNER.
- PROVIDE AN EVEN LAYER OF PLANTING SOIL OVER ALL PLANTING AREAS. REFER TO THE SPECIFICATIONS FOR TOPSOIL MIXTURE DEPTH. REPRESENTATIVE SAMPLES OF SOIL FROM PROJECT SITE SHALL BE SUBMITTED TO A LABORATORY ACCEPTABLE TO THE LANDSCAPE ARCHITECT FOR ANALYSIS OF REQUIRED SOIL AMENDMENTS. TEST RESULTS AND FERTILIZATION SCHEDULE SHALL BE PRESENTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND ACCEPTANCE BEFORE PLACING PLANTING SOIL. UNIFORMLY DISTRIBUTE FERTILIZER AND AMENDMENTS OVER PLANTING AREAS AS RECOMMENDED BY THE SOIL ANALYSIS REPORT. ROTOTILL TOP LAYER OF SOIL TO EVENLY INCORPORATE FERTILIZER AND AMENDMENTS.
- GUY WIRES, FLAGGING, STAKES, WINDBREAKERS, ETC. SHALL BE MAINTAINED AND REPLACED IF NECESSARY BY THE CONTRACTOR UNTIL THE TREE OR SHRUB IS ABLE TO STAND BY ITSELF. THE CONTRACTOR SHALL REMOVE AND DISPOSE AT THE END OF PLANT ESTABLISHMENT PERIOD.
- AFTER INSTALLATION OF PLANTING & IRRIGATION, LANDSCAPE CONTRACTOR TO PROVIDE MARK-UP INFORMATION OF ANY CHANGES MADE IN THE FIELD TO THE FINAL DESIGN PLANS.
- 6 MONTHS AFTER GRASS ESTABLISHMENT, CONTRACTOR SHALL TOP DRESS ALL GRASSED AREAS WITHIN ALL PLAY FIELDS WITH A 1" EVEN LAYER OF SAND AND ROLLED TO MAINTAIN AN EVEN AND LEVEL PLAY FIELD. 9 MONTHS AFTER GRASS ESTABLISHMENT, CONTRACTOR SHALL TOP DRESS ALL GRASSED AREAS WITHIN ALL PLAY FIELDS WITH AN ADDITIONAL 1" EVEN LAYER OF SAND AND ROLLED TO MAINTAIN AN EVEN AND LEVEL PLAY FIELD.

LITTLE FIRE ANT PREVENTION PROGRAM

- LANDSCAPE CONTRACTOR WILL NOTIFY LANDSCAPE ARCHITECT OF RECORD AND THE OWNER'S REPRESENTATIVE PRIOR TO DELIVERY OF ANY PLANT MATERIALS TO THE PROJECT.
- LANDSCAPE CONTRACTOR WILL SUBMIT A PLAN TO THE LANDSCAPE ARCHITECT AND THE OWNER'S REPRESENTATIVE FOR APPROVAL TO PREVENT IMPORTATION OF LITTLE FIRE ANT (LFA) ONTO THE PROPERTY, I.E. PROVIDE QUARANTINE OR A HOLDING AREA FOR 6 WEEKS BEFORE PLANT DELIVERY TO PROJECT SITE.
- LANDSCAPE CONTRACTOR WILL BUY PLANTS OR PLANTING MATERIALS ONLY FROM FIRE ANT-FREE NURSERIES AND SUPPLIERS.
- LANDSCAPE CONTRACTOR WILL TEST FOR LFA AND IDENTIFY THE SPECIES CORRECTLY. CONSULT WEBSITE: WWW.LITTLEFIREANTS.COM FOR TESTING METHODS AND SPECIES IDENTIFICATION.
- LANDSCAPE CONTRACTOR WILL BAIT AND ALLOW AT LEAST 2 WEEKS FOR THE BAIT TO BE CARRIED BACK TO THE COLONY FOR ALL PLANTS AND NURSERY MATERIALS AT THE SUPPLYING NURSERIES REGARDLESS OF THE FIRE ANT-FREE CLAIM.
- LANDSCAPE CONTRACTOR WILL APPLY A BARRIER TREATMENT, FOLLOWING THE BAITING, TO ALL NURSERY MATERIALS AT THE SUPPLYING NURSERIES REGARDLESS OF THE FIRE ANT-FREE CLAIM.
- LANDSCAPE CONTRACTOR WILL DRENCH ALL SOILS OR LOOSE NURSERY MATERIALS WITH THE PROPER MIXTURE OF SEVIN PER GALLON OF WATER INDICATED BY THE MANUFACTURER AND FOLLOW MANUFACTURER'S SAFETY PRECAUTIONS.

GENERAL PROJECT NOTES:

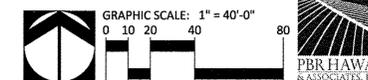
- THESE NOTES ARE TO BE USED FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO ANY WRITTEN SPECIFICATIONS, APPROVED ADDENDA, AND CHANGE ORDERS ASSOCIATED WITH THESE LANDSCAPE CONSTRUCTION DOCUMENTS.
- A QUALIFIED SUPERVISOR SHALL BE PRESENT ON SITE AT ALL TIMES DURING DEMOLITION.
- THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL WORK WITH RELATED CONTRACTORS AND WITH THE GENERAL CONSTRUCTION OF THE PROJECT IN ORDER NOT TO IMPEDE THE PROGRESS OF THE WORK OF OTHERS OR THE CONTRACTOR'S OWN WORK. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO COORDINATE ALL CONSTRUCTION ELEMENT LOCATIONS WITH OTHER TRADES PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATIONS OF EXISTING AND FUTURE UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK TO BE DONE. NOTIFY THE OWNER OR LANDSCAPE ARCHITECT (LA) IMMEDIATELY SHOULD CONFLICTS ARISE.
- OBSERVATION VISITS TO THE JOB SITE BY THE LANDSCAPE ARCHITECT DO NOT INCLUDE INSPECTIONS OF CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORK SITE. THESE VISITS SHALL NOT BE CONSTRUED AS CONTINUOUS AND DETAILED INSPECTIONS.
- VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. NOTIFY THE OWNER AND LA) IMMEDIATELY SHOULD CONFLICTS ARISE.
- CONSTRUCTION DETAILING, MATERIALS, EQUIPMENT AND PRODUCTS OTHER THAN THOSE SPECIFIED WITHIN THESE PLANS MAY BE CONSIDERED FOR USE PROVIDED PRIOR WRITTEN APPROVAL IS OBTAINED FROM OWNER, THE LA OR THE APPLICABLE GOVERNING AUTHORITY (AS REQUIRED) PRIOR TO IMPLEMENTATION.
- AREAS TO BE PROTECTED FROM GRADING OR CONSTRUCTION DISTURBANCE ARE FENCED OR ROPED-OFF WITH YELLOW ROPES AS PER PLANS BY OWNER AND APPROVED BY LA PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PERFORM ALL CONSTRUCTION ACTIVITY OUTSIDE OF PROTECTED AREAS AND SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF PROTECTED AREAS ON A DAILY BASIS. DAMAGED AREAS THAT HAVE BEEN DESIGNATED TO BE PROTECTED SHALL BE RESTORED TO ORIGINAL CONDITIONS AT CONTRACTORS EXPENSE.
- LANDSCAPE CONTRACTOR (LC) SHALL BE FAMILIAR WITH AND ADHERE TO ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS PERTAINING TO THE PROJECT WORK. ANY CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE LA IMMEDIATELY.
- LC SHALL INSPECT THE CONDITION OF EXISTING WORK FOR DEFECTS PRIOR TO BEGINNING WORK. ALL HARDSCAPE WILL BE REVIEWED DURING THE FINAL ACCEPTANCE WALK. ANY DAMAGE DUE TO THE LC WORK SHALL BE REPAIRED AT THEIR EXPENSE.
- WHERE 2 OR MORE REQUIREMENTS CREATE OVERLAPPING CONDITIONS, CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE LA OR OWNER'S REPRESENTATIVE IMMEDIATELY FOR INTERPRETATION.

SPECIAL NOTE - COQUI FROG

(ELEUTHERODACTYLUS COQUI AND/OR ELUTHERODACTYLUS PLANROSTRIS:

- PRIOR TO TRANSPORT TO THE PROJECT, INSPECT, TAKE PRECAUTIONS, AND CERTIFY THAT PLANT MATERIALS, EQUIPMENT AND VEHICLES ARE FREE OF COQUI FROGS AND/OR THEIR EGGS.
- IN THE EVENT OF THE PRESENCE OF COQUI FROGS AND/OR THEIR EGGS, THEY SHALL BE COMPLETELY DESTROYED AND REMOVED AND THE PLANT MATERIAL, EQUIPMENT, OR VEHICLE TREATED AS RECOMMENDED BY THE STATE AND RE-INSPECTED.
- REPORT PRESENCE OF COQUI FROGS OR EGGS TO THE HAWAII DEPT. OF AGRICULTURE PEST HOTLINE AT (808) 643-PEST (7378), OR THE MAUI INVASIVE SPECIES COMMITTEE (MISC) PH. (808) 573-6472 OR EMAIL: MISCPR@HAWAII.EDU

P:\PROJECTS\MAUI\Central Maui\Regional Park\CADD\Phase 4\CAD\Sheets\L-01.dwg L-3



| REVISION NO. | SYM. | DESCRIPTION | SHT./OF | DATE | APPROVED |
|--|------|-------------|-------------------|------|---------------------------|
| | | | | | |
| STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII | | | | | |
| PLANTING NOTES | | | | | |
| DESIGNED: BO | | | SUBMITTED: --- | | |
| DRAWN: CB | | | DATE: AUGUST 2016 | | |
| CHECKED: RC | | | SCALE: AS SHOWN | | |
| APPROVED: R. M. TOWILL CORPORATION 4502 10 CHIEF ENGINEER | | | | | DRAWING NO. L-3 |
| AUG - 8 2016 DATE | | | | | |

