




LEAHI HOSPITAL
HAWAII HEALTH SYSTEMS CORPORATION

3675 Kilauea Avenue ■ Honolulu, Hawaii 96816 ■ Telephone: (808) 733-8000

August 15, 2019

TO: Interested Bidders

FROM: Scott Kawai 
Senior Contracts Manager

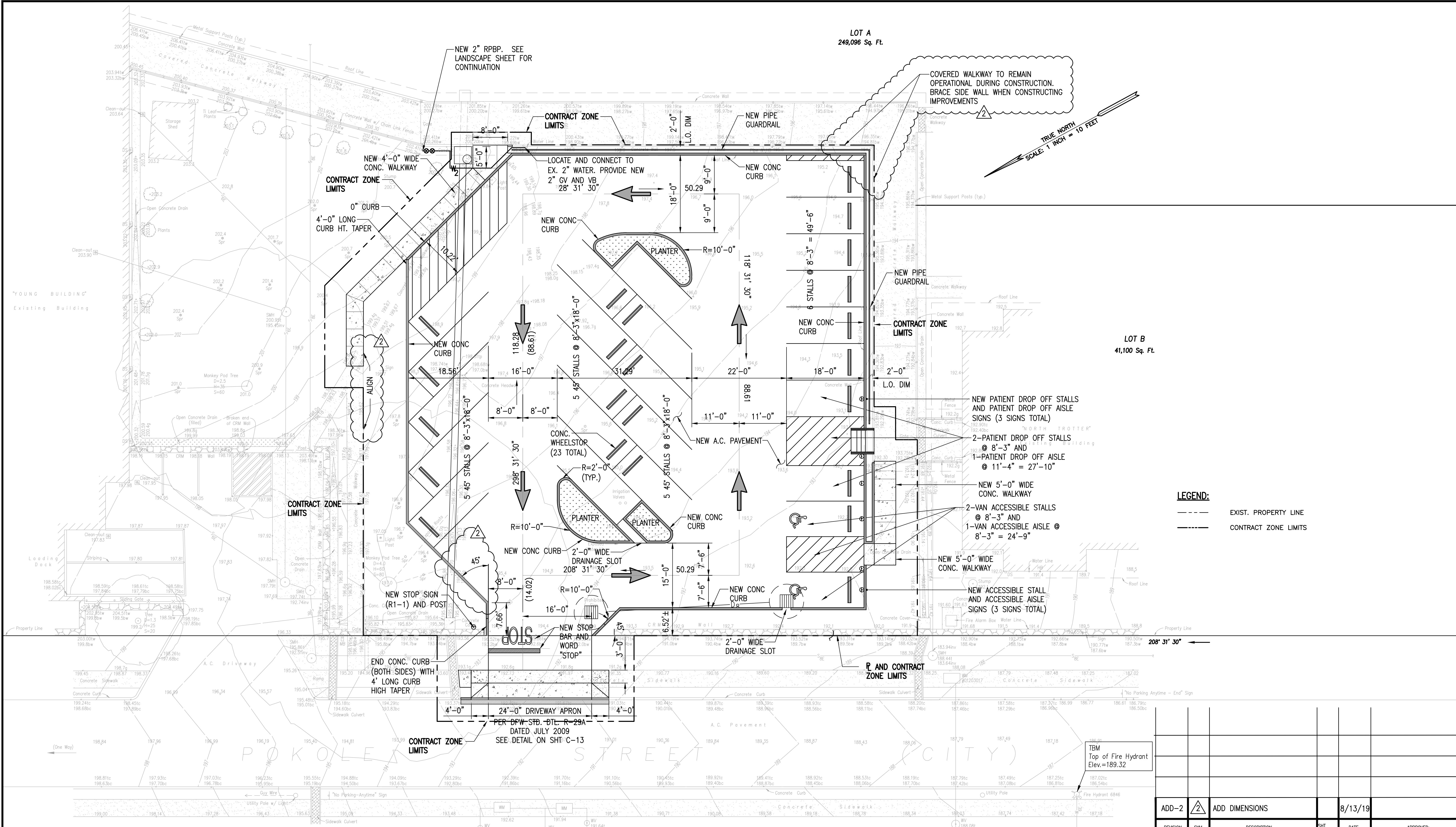
SUBJECT: Addendum No. 1
IFB No. 19L-008 Leahi Hospital Parking Lot Improvements

Addendum No. 1 responds to questions received at the pre-bid meeting.

1. **Will Diamond Head Design District rules require trees as shown on Plans?**
Response: Yes.
2. **The Planting Plan shows three (3) new trees alongside the covered walkway, access may be problematic due to the ongoing construction sidewalk project?**
Response: The Planting Plan has been revised. See attached.
3. **Is the Zoysia grass and the irrigation system needed in the grassy area next to the Young Building since we are not doing any construction in the area?**
Response: No, the Planting Plan has been revised. See attached.
4. **Will the handrails be painted? If so, what are the Specifications?**
Response: The stair handrail is polished stainless steel and is not painted. The pipe guardrail should be shop fabricated. Shop drawing shall be reviewed and approved prior to fabrication. Field welds shall be smooth and painted with cold galvanizing paint prior to application of two coats of black rust inhibiting paint. Field welds shall require prior approval.
5. **What is the height of the required dust barrier?**
Response: 10 feet.
6. **What are the liquidated damages?**
Response: Liquidated damages shall be assessed in the amount of two hundred fifty and 00/100 DOLLARS (\$250.00) per calendar day of delay, in accordance with the terms of paragraph 9 of the General Conditions.
7. **Sheet Nos. C-6, C-7, L-2, L-3, and L4 are deleted in its entirety and replaced**

with the attached Sheets C-6 dated 08/13/19, C-7 dated 08/13-19, L-2 dated 08/12/19, L-3 dated 08/12/19, and L-4 dated 08/12/19.

End of Addendum No. 1



LOT A
249,096 Sq. Ft.

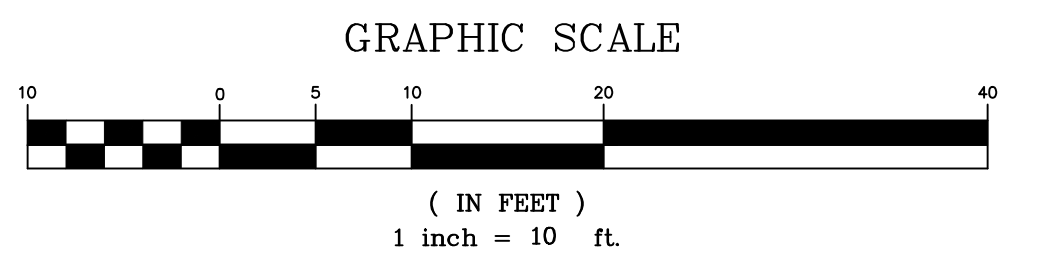
LOT B
41,100 Sq. Ft.

TRUE NORTH
SCALE: 1 INCH = 10 FEET

LEGEND:
 --- EXIST. PROPERTY LINE
 - - - CONTRACT ZONE LIMITS

NEW PATIENT DROP OFF STALLS AND PATIENT DROP OFF AISLE SIGNS (3 SIGNS TOTAL)
 2-PATIENT DROP OFF STALLS @ 8'-3" AND 1-PATIENT DROP OFF AISLE @ 11'-4" = 27'-10"
 NEW 5'-0" WIDE CONC. WALKWAY
 2-VAN ACCESSIBLE STALLS @ 8'-3" AND 1-VAN ACCESSIBLE AISLE @ 8'-3" = 24'-9"
 NEW 5'-0" WIDE CONC. WALKWAY
 NEW ACCESSIBLE STALL AND ACCESSIBLE AISLE SIGNS (3 SIGNS TOTAL)

SITE LAYOUT PLAN
SCALE: 1" = 10'-0"



APPROVED:

 CHIEF, CIVIL ENGINEERING BRANCH, D.P.P. DATE _____

ADD-2	ADD DIMENSIONS	8/13/19
REVISION NO.	SYMBOL	DESCRIPTION

IMATA AND ASSOCIATES, INC.
 1750 KALAKAUA AVENUE SUITE 115
 HONOLULU, HAWAII 96826

PARKING IMPROVEMENTS AT LEAHI HOSPITAL
 T.M.K.: 3-2-031-001 HONOLULU, OAHU, HAWAII

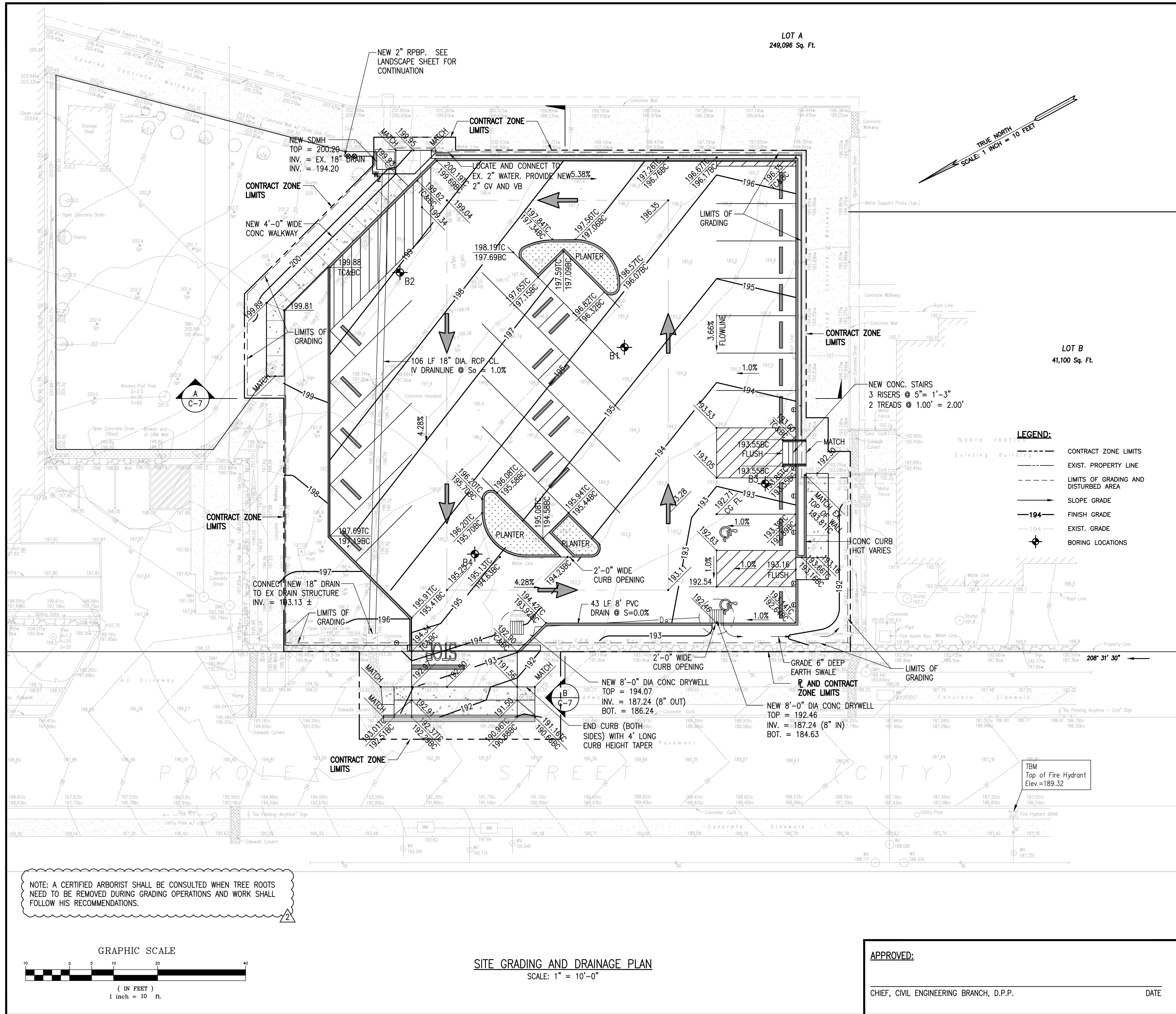
SITE LAYOUT PLAN

DESIGNED BY: EMM/GY1	CHECKED BY: GY1	DRAWING NO. C-6
DRAWN BY: EMM	APPROVED BY: GY1	SHEET 5
SCALE: AS NOTED	DATE: AUGUST 2017	SHTS OF: 19

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 LICENSE EXPIRATION DATE 4/30/2018

TBM
Top of Fire Hydrant
Elev.=189.32

PER DPW STD. DET. R-29A
DATED JULY 2009
SEE DETAIL ON SHT. C-13



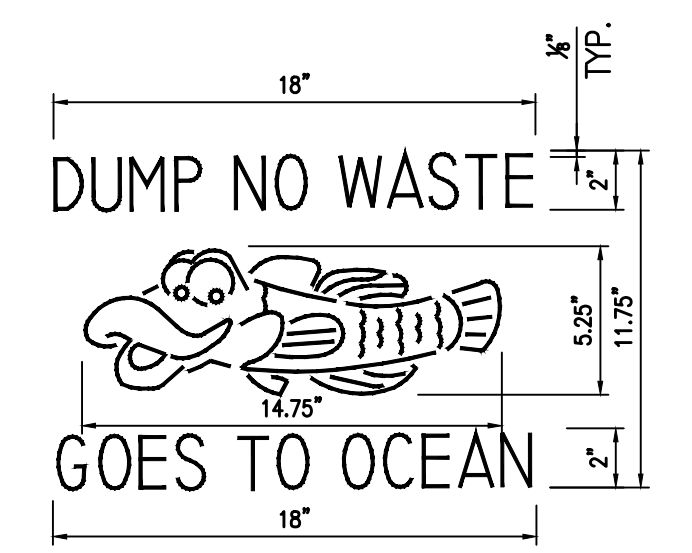
ESTIMATED EARTHWORK SUMMARY

TOTAL EXCAVATION = 25 C.Y.
 TOTAL EMBANKMENT = 135 C.Y.
 TOTAL AREA TO BE GRADED = 0.31 AC
 TOTAL AREA TO BE DISTURBED = 0.35 AC. (FOR NPDES PURPOSES, PER DOH DEFINITION OF "DISTURBANCE OF LAND")

1. QUANTITIES SHOWN ARE FOR GRADING PERMIT PURPOSES ONLY AND SHALL NOT BE USED FOR BIDDING PURPOSES. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXACT QUANTITIES FOR HIS BIDDING PURPOSES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLETE THE GRADING WORK TO THE GRADES AND DIMENSIONS SHOWN ON THE PLANS. IF IMPORTED MATERIALS ARE REQUIRED TO OBTAIN FINISHED GRADES, THE CONTRACTOR IS REQUIRED TO IMPORT SUITABLE MATERIALS AS SPECIFIED AT THE CONTRACTOR'S EXPENSE. IF EXCAVATED MATERIAL IS IN EXCESS, THE CONTRACTOR SHALL BE REQUIRED TO DISPOSE OF THE MATERIAL AWAY FROM THE PROJECT AT THE CONTRACTOR'S EXPENSE.
3. EARTHWORK QUANTITIES ARE TAKEN FROM FINISHED GRADE TO EXISTING GROUND.

POST CONSTRUCTION (BMP) SOURCE CONTROL BMP'S

1. CLEAN LEAVES, TRASH AND OTHER DEBRIS REGULARLY.
2. PROVIDE RECEPTACLES FOR THE DISPOSAL.
3. SWEEP PARKING LOT BEFORE THE ONSET OF WET SEASON.
4. DO NOT HOSE DOWN PAVEMENT UNLESS ABSOLUTELY NECESSARY. DISCHARGE WASH WATER TO SANITARY SEWER.
5. CONTAIN ALL WASH WATER AND CLEANED UP AND DISPOSED OF APPROPRIATELY.
6. DO NOT APPLY PESTICIDES AND FERTILIZERS WHEN IT IS RAINING.
7. INSTALL STENCIL TO DRAIN INLET SEE DETAIL THIS SH.T.
8. CLEAN DRYWELLS OF TRASH AND DEBRIS YEARLY.



SPECIFICATIONS:

MATERIAL: ALUMINUM ALLOY (CAST ALUMINUM), LEAD, OR EQUAL.

LETTERING: HEIGHT OF LETTERS SHALL BE 2" HIGH AND 1/8" WIDE, THE UNDER SIDE OF ALL LETTERING SHALL BE V-SHAPED.

LINE WORK: ALL LINE WORK FOR THE FISH DIAGRAM SHALL BE MADE OUT OF 1/8" THICK. THE UNDER SIDE OF THE LINE WORK SHALL BE V-SHAPED.

PLACEMENT: THE STENCIL SHALL BE CENTERED ON THE TOP DECK OF THE CATCH BASIN AND SHALL BE A MINIMUM OF 3" AWAY FROM THE FRONT FACE OF THE INLET.

IMPRESSION: THE STENCIL SHALL BE PRESSED 1/4" INTO THE GREEN CONCRETE WHEN THE INLET IS MADE.

STENCIL DETAIL FOR CATCH BASIN
NOT TO SCALE

ADD-2	2	ADD NOTE	8/13/19
REVISION NO.	SYM.	DESCRIPTION	DATE

GORDON Y. IMATA
 LICENSED PROFESSIONAL ENGINEER
 No. 2726-C
 HAWAII, U.S.A.

IMATA AND ASSOCIATES, INC.
 1750 KALAKAUA AVENUE SUITE 115
 HONOLULU, HAWAII 96826

PARKING IMPROVEMENTS AT LEAHI HOSPITAL
 T.M.K.: 3-2-031-001 HONOLULU, OAHU, HAWAII

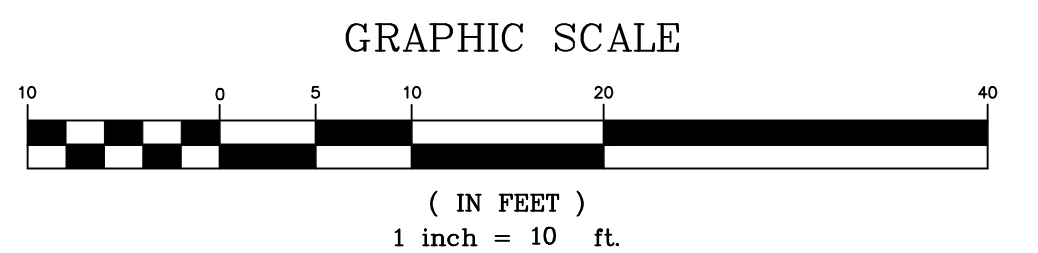
SITE GRADING AND DRAINAGE PLAN

IMATA & ASSOCIATES, INC.	CHECKED BY: GYI	DRAWING NO. C-7
DESIGNED BY: EMM/GYI	APPROVED BY: GYI	SHEET 6
DRAWN BY: EMM	DATE: AUGUST 2017	OF 19 SH.TS

SCALE: AS NOTED

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 LICENSE EXPIRATION DATE 4/30/2018

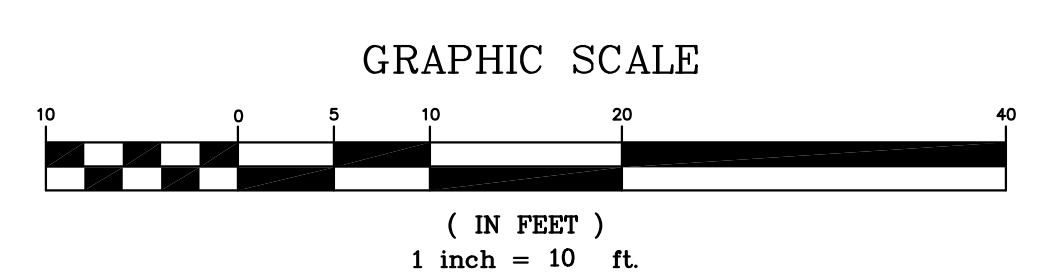
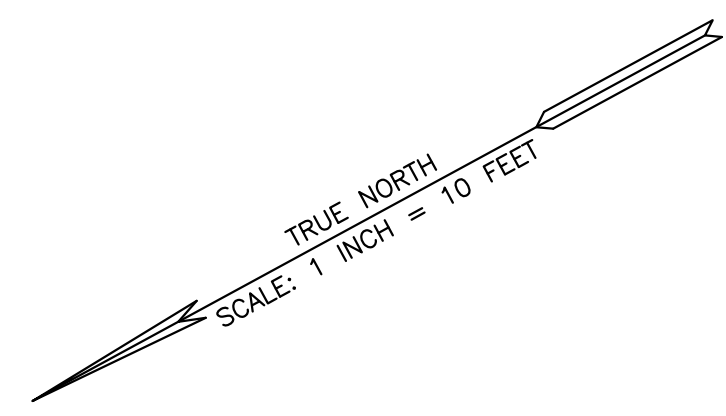
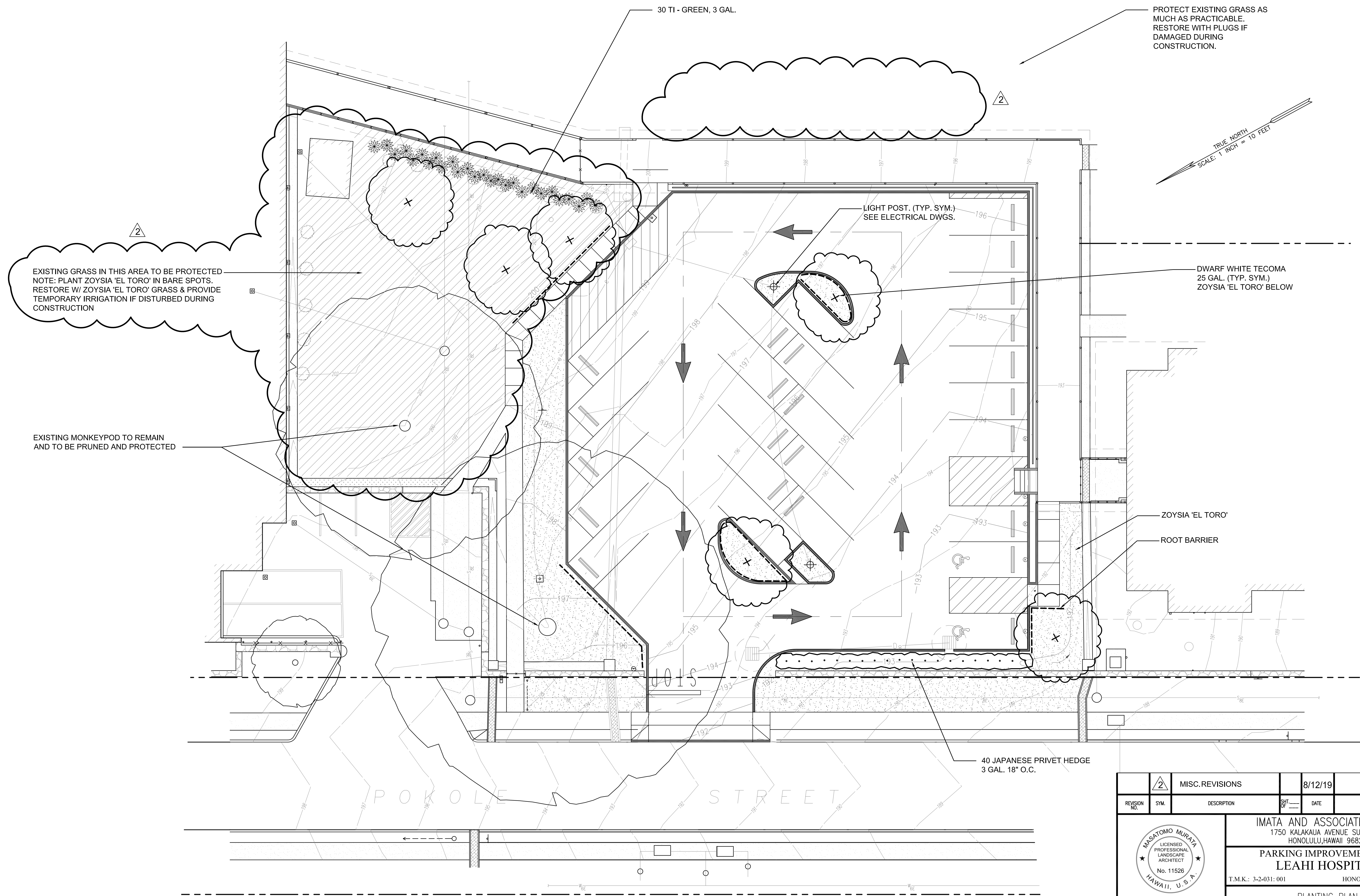
NOTE: A CERTIFIED ARBORIST SHALL BE CONSULTED WHEN TREE ROOTS NEED TO BE REMOVED DURING GRADING OPERATIONS AND WORK SHALL FOLLOW HIS RECOMMENDATIONS.



SITE GRADING AND DRAINAGE PLAN
SCALE: 1" = 10'-0"

APPROVED:

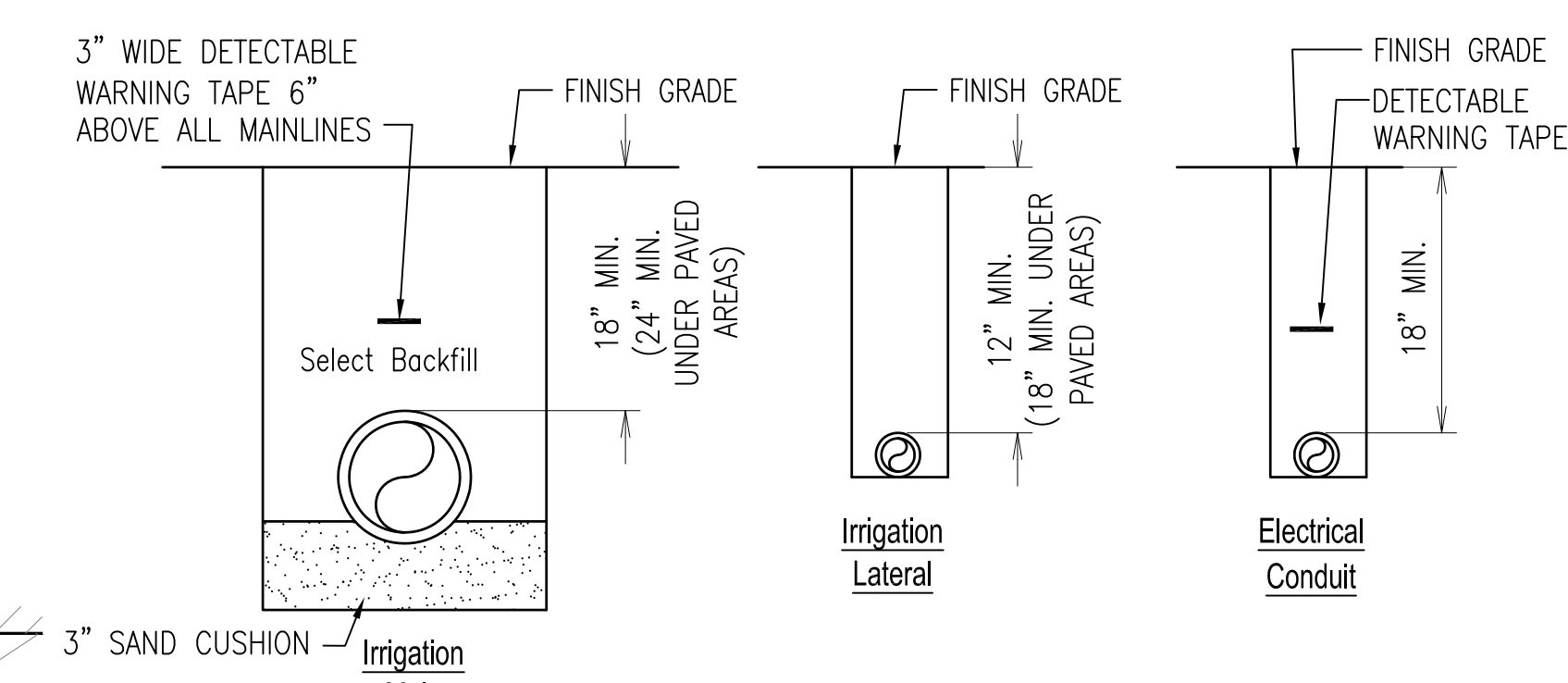
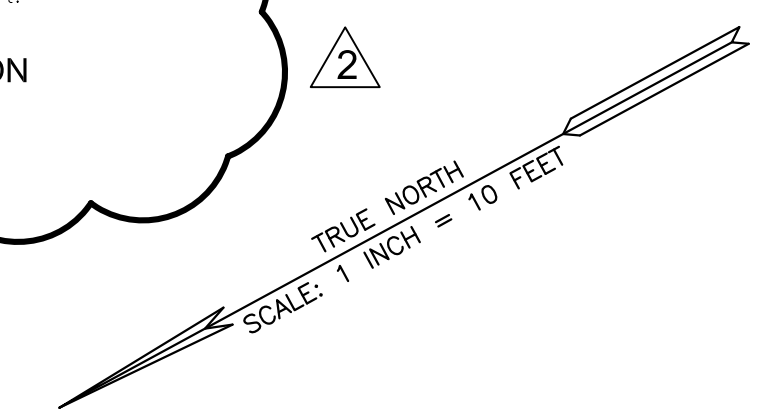
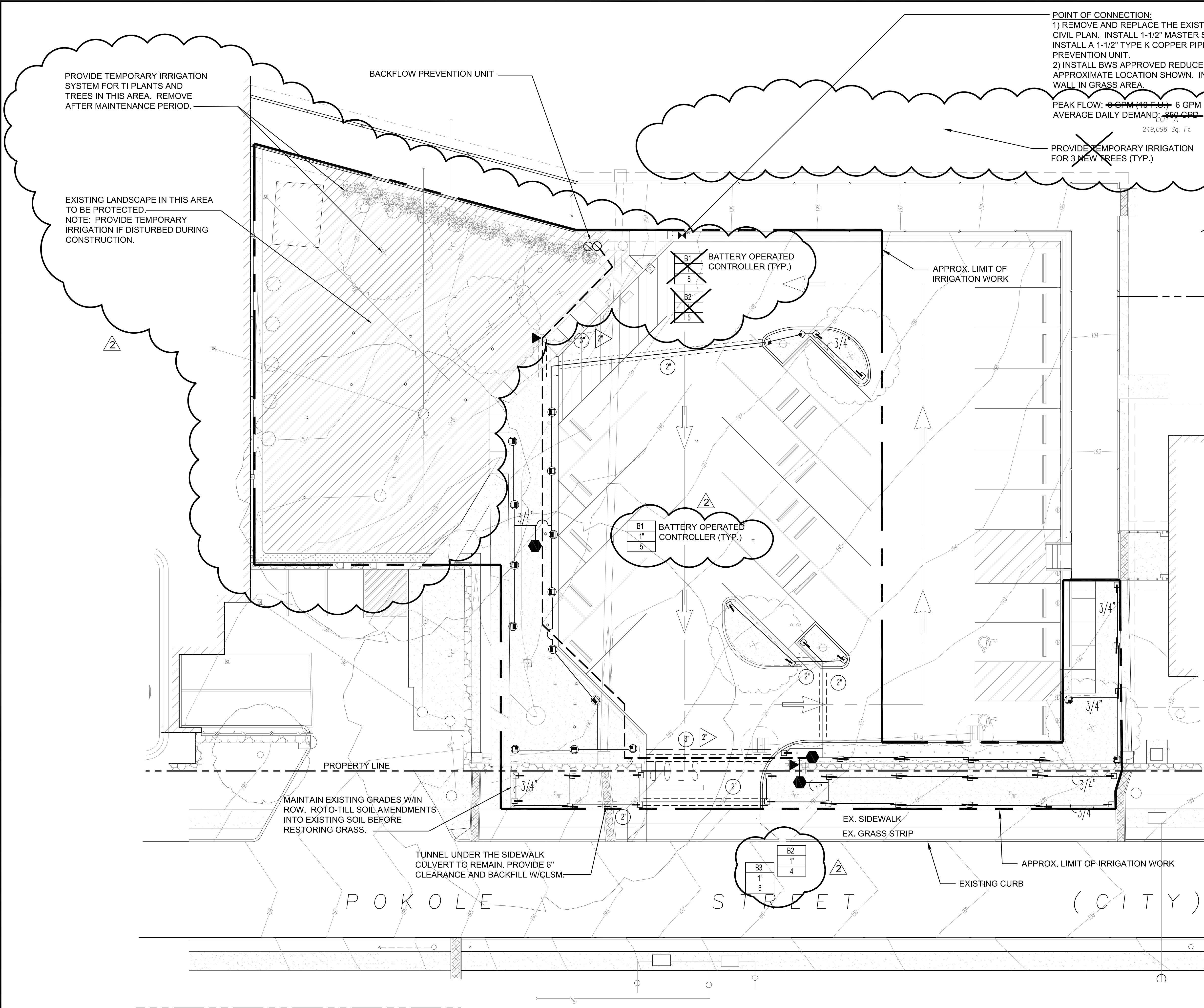
CHIEF, CIVIL ENGINEERING BRANCH, D.P.P. DATE



PLANTING PLAN
SCALE: 1" = 10'-0"

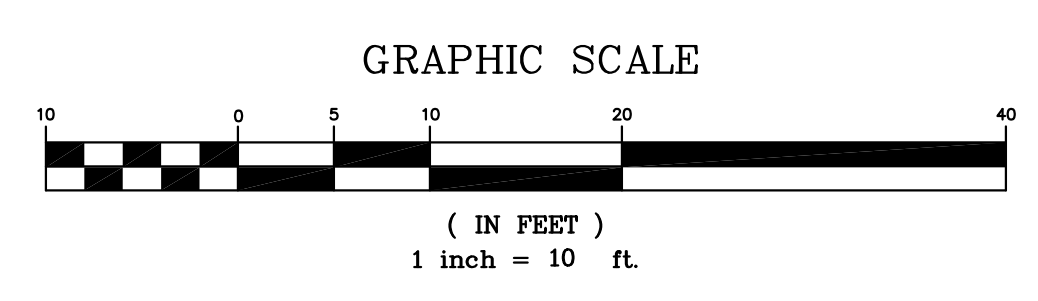
2		MISC. REVISIONS	8/12/19	
REVISION NO.	SYM.	DESCRIPTION	DATE	APPROVED:
		IMATA AND ASSOCIATES, INC. 1750 KALAKAUA AVENUE SUITE 115 HONOLULU, HAWAII 96826 PARKING IMPROVEMENTS AT LEAHI HOSPITAL T.M.K.: 3-2-031: 001 HONOLULU, OAHU, HAWAII PLANTING PLAN		
IMATA & ASSOCIATES, INC.		DRAWING NO.	L-2	
DESIGNED BY: MM	CHECKED BY: MM	DATE	SHEET	
DRAWN BY: MM	APPROVED BY: MM	DEC 2017	OF _____ SHETS	
SCALE: AS NOTED				

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Imatomo Murata
LICENSE EXPIRATION DATE 4/30/2018



- NOTES:
1. MAINS & LATERALS UNDER PAVED AREAS SHALL BE INSTALLED IN SLEEVES TWO TIMES THE DIAMETER OF THE MAIN & LATERAL.
 2. MAINTAIN 6" MIN. HORIZONTAL CLEARANCE BETWEEN PIPING (IE. MAIN, LATERAL, & CONDUIT) INSTALLED IN THE SAME TRENCH.
 3. COMPACT BACKFILL AND PROVIDE 4" MIN. TOPSOIL

A PIPE TRENCH DETAIL
NOT TO SCALE



IRRIGATION PLAN
SCALE: 1" = 10'-0"

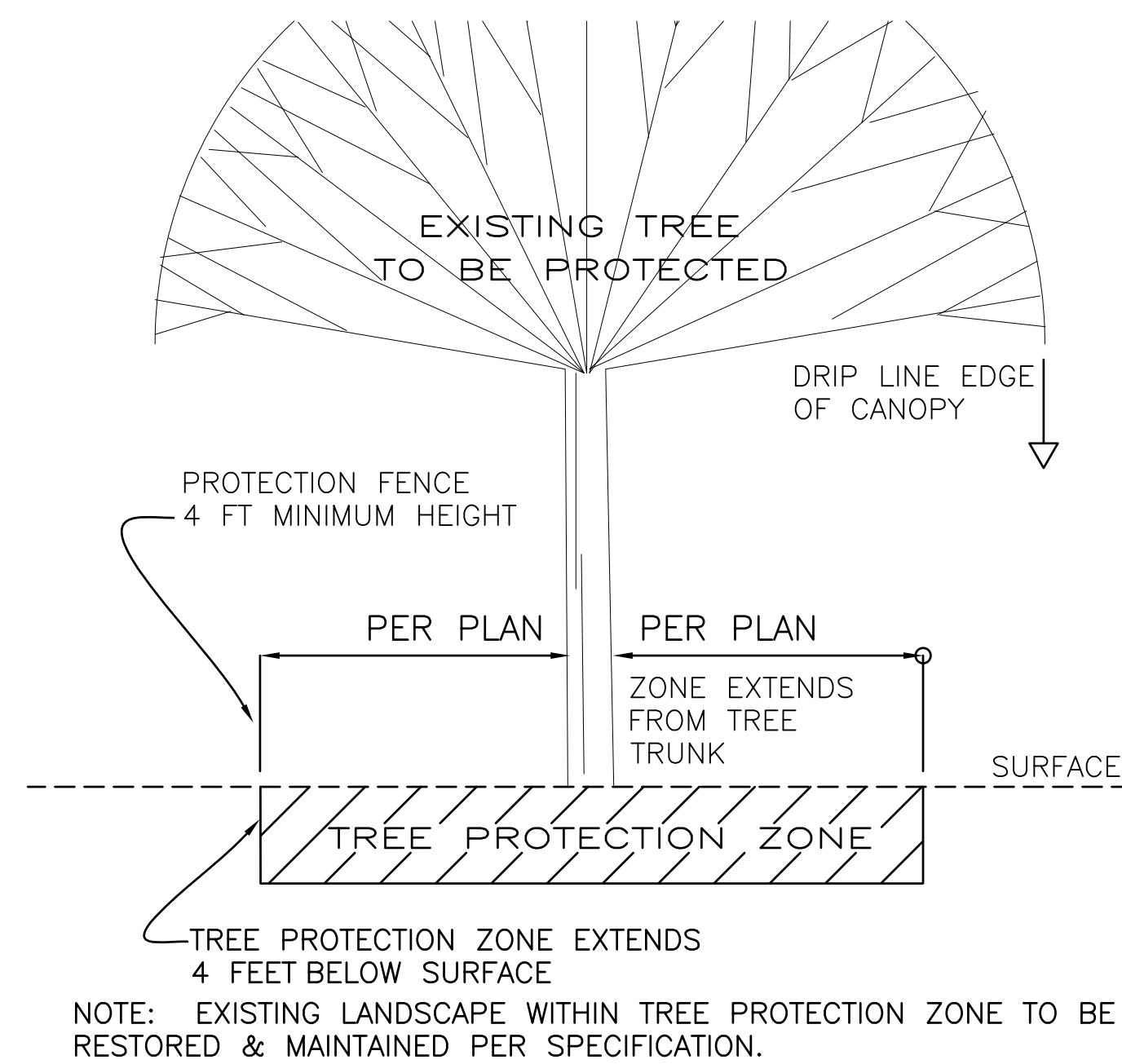
APPROVED:

CHIEF, CIVIL ENGINEERING BRANCH, D.P.P. DATE

2	MISC. REVISIONS	8/12/19
1	ADDED SHT. ADDED IRRIGATION WORK.	7/9/18

	IMATA AND ASSOCIATES, INC. 1750 KALAKAUA AVENUE SUITE 115 HONOLULU, HAWAII 96826 PARKING IMPROVEMENTS AT LEAHI HOSPITAL T.M.K.: 3-2-031: 001 HONOLULU, OAHU, HAWAII IRRIGATION PLAN
DESIGNED BY: MM DRAWN BY: MM SCALE: AS NOTED	CHECKED BY: MM APPROVED BY: MM DATE: DEC 2017
DRAWING NO. L-3 SHEET OF _____ SHTS	DATE: DEC 2017

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 LICENSE EXPIRATION DATE 4/30/2020



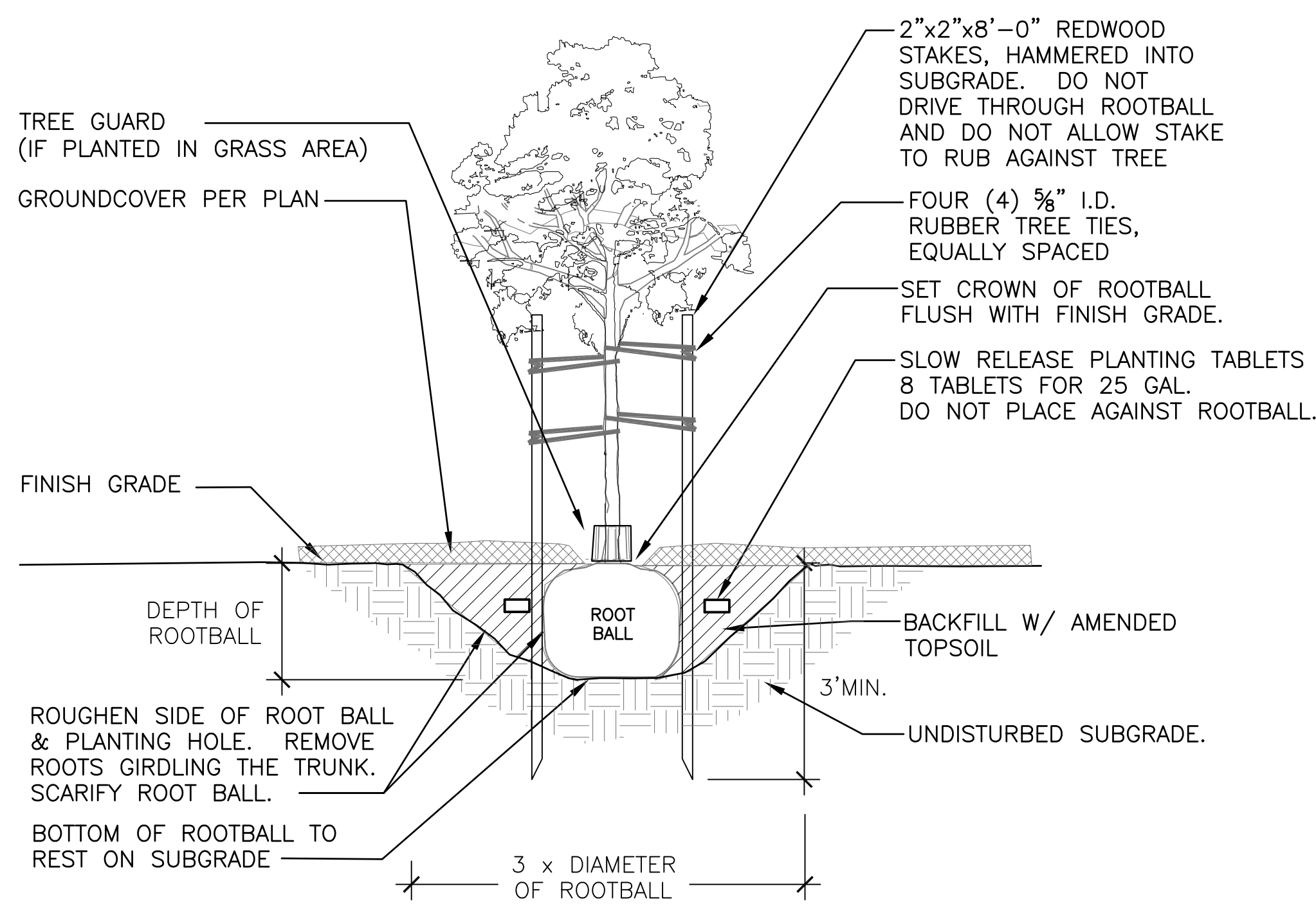
NOTE: EXISTING LANDSCAPE WITHIN TREE PROTECTION ZONE TO BE RESTORED & MAINTAINED PER SPECIFICATION.

1 TREE PROTECTION DETAIL

NOT TO SCALE

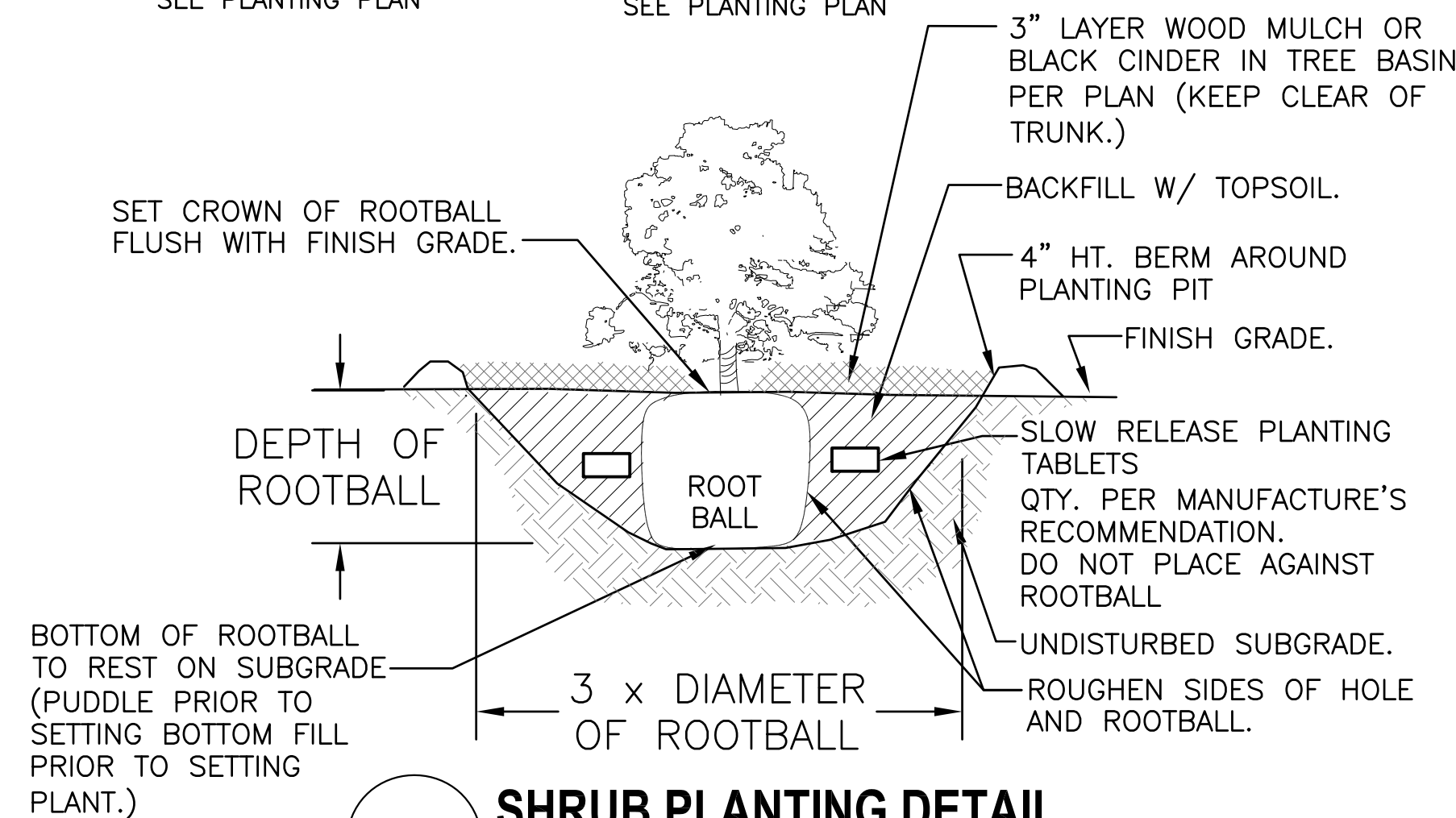
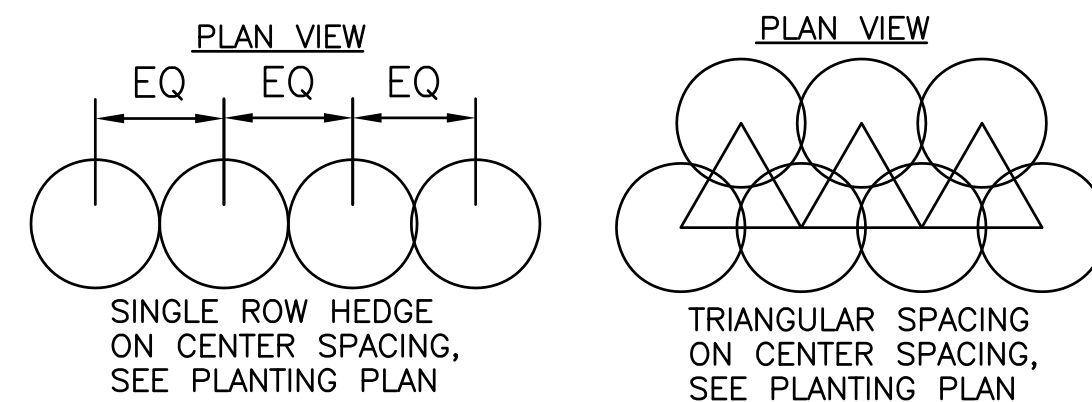
TREE PROTECTION NOTE

- ALL EXISTING TREES SHOWN ON THE PLANTING PLAN IS TO REMAIN UNLESS OTHERWISE NOTED ON THE PLAN. CONTRACTOR IS RESPONSIBLE TO PROTECT THE TREES THAT REMAIN. ANY TREES DAMAGED OR KILLED DURING THE CONSTRUCTION PERIOD MUST BE REPLACED WITH LIKE KIND AND SIZE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL RETAIN THE SERVICES OF AN ARBORIST DURING CONSTRUCTION WHO HAS BEEN CERTIFIED IN GOOD STANDING AS AN INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST FOR AT LEAST 5 YEARS AND HAS EXPERIENCES IN TREE PROTECTION AND PRESERVATION PLANNING DURING CONSTRUCTION, TREE AND ROOT PRUNING, AND TRANSPLANTING OF TREES.
- NO TRENCHING, GRADING, COMPACTING OR CONSTRUCTION ACTIVITY SHALL OCCUR WITHIN CANOPY OF THE EXISTING TREES. PRIOR TO COMMENCEMENT OF ON-SITE WORK IN PROXIMITY TO EXISTING TREES, THE ARBORIST SHALL VERIFY THAT ALL TREE PROTECTIVE MEASURES HAVE BEEN FULLY AND PROPERLY IMPLEMENTED.
- MATERIAL AND TOPSOIL STOCKPILING, VEHICLE PARKING, TEMPORARY ROADWAYS, CONSTRUCTION MATERIAL MIXING OR DUMPING, PORTABLE LATRINES AND FIELD OFFICES SHALL NOT BE TEMPORARILY OR PERMANENTLY LOCATED UNDER TREE CROWNS EXCEPT IN AREAS WITH PRE-EXISTING PAVING AND/OR IN AREAS SPECIFICALLY APPROVED BY THE CONTRACTING OFFICER.
- A ISA CERTIFIED TREE WORKER UNDER THE SUPERVISION OF THE ARBORIST SHALL PERFORM THE TREE PRUNING WORK.
- ALL EXCAVATION WORK REQUIRED UNDER THE CROWNS OF THE TREES SHALL BE PERFORMED UNDER THE DIRECTION OF THE ARBORIST. ANY SUB-CONTRACTOR SHALL LIMIT ACTIVITIES UNDER THE CROWNS OF THE TREES TO ONLY THOSE ACTIVITIES EXPLICITLY REQUIRED TO COMPLETE THE CONSTRUCTION ACTIVITIES AS SPECIFIED UNDER AND/OR ADJACENT TO TREE CROWNS.
- BEFORE GRADING, PAD PREPARATION, OR TRENCHING, ROOTS THAT ARE GREATER THAN 2" IN DIAMETER SHALL BE PRUNED BY MANUALLY DIGGING A TRENCH WITH SHARP BLADE, OR OTHER APPROVED ROOT PRUNING EQUIPMENT. ANY ROOTS DAMAGED DURING GRADING OR CONSTRUCTION SHALL BE EXPOSED TO SOUND TISSUE AND CUT CLEANLY WITH A SAW.
- CONTRACTOR SHALL TAKE PROPER MEASURES TO PROTECT THE CROWN AND ROOT SYSTEMS OF THE TREES FROM UNNECESSARY DAMAGE DURING DEMOLITION AND CONSTRUCTION ACTIVITIES. WHEN POTENTIALLY DAMAGING CONSTRUCTION ACTIVITIES ARISE, I.E. REMOVAL OF MAJOR SUPPORTING ROOTS, EXCESSIVE ROOT REMOVAL ON ONE OR MORE SIDES OF THE TREES, MAJOR CROWN BRANCH REMOVAL, OR TREE TRANSPLANTING: THE ARBORIST SHALL PRESENT IN WRITING THE RECOMMENDED PROCEDURE CHANGES TO BE APPROVED BY THE CONTRACTING OFFICER. ALTERNATIVE PROCEDURES MAY BE REQUIRED ON A TREE-BY-TREE BASIS, AND FIELD DECISIONS BY THE ARBORIST, SUB-CONTRACTORS AND CONTRACTING OFFICER MAY BE REQUIRED TO ENSURE SAFETY AND HEALTH OF THE TREES.



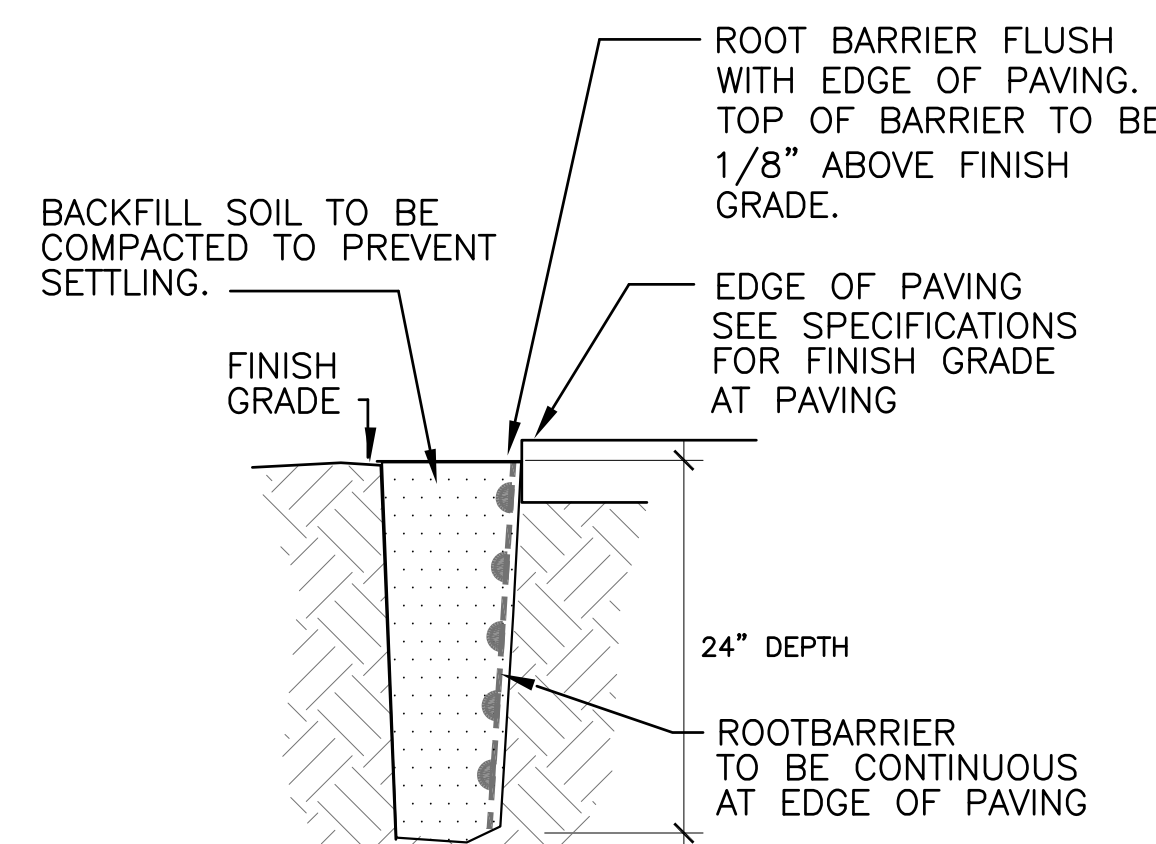
2 TREE STAKING DETAIL

NOT TO SCALE



3 SHRUB PLANTING DETAIL

NOT TO SCALE



4 ROOT BARRIER DETAIL

NOT TO SCALE

PLANTING NOTES

- ALL WORK SHALL BE PERFORMED BY PERSONS FAMILIAR WITH PLANTING WORK AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN (CERTIFIED LANDSCAPE TECHNICIAN).
- THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL ON-SITE UTILITIES BEFORE COMMENCING THE WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGED UTILITIES.
- PLANT MATERIAL LOCATION SHOWN ON PLANS ARE DIAGRAMMATIC AND WILL BE SUBJECT TO ADJUSTMENT IN THE FIELD BY THE LANDSCAPE ARCHITECT. GRAPHIC SYMBOLS ON PLANS DO NOT NECESSARILY REPRESENT INDIVIDUAL PLANT MATERIAL QUANTITIES.
- QUANTITIES SHOWN ON THE LANDSCAPE LEGEND ARE FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND INSTALL THE NECESSARY LANDSCAPE MATERIALS IN THE QUANTITIES SUFFICIENT TO FULFILL THE DESIGN AT THE SPACING/DEPTH SPECIFIED AND IN THE LOCATIONS SHOWN ON THE PLANTING PLANS.
- TREE AND SHRUB PITS SHALL BE DUG PRIOR TO MOVING PLANTS TO THEIR RESPECTIVE LOCATIONS. ALL TREE PITS SHALL BE WATER TESTED PRIOR TO PLANTING TO ASSURE THAT WATER WILL DRAIN. NOTIFY THE UNIVERSITY IN WRITING OF ALL SOIL OR DRAINAGE CONDITIONS ENCOUNTERED DURING PLANTING OPERATIONS WHICH THE CONTRACTOR CONSIDERS DETRIMENTAL TO GROWTH OF PLANT MATERIAL.
- THE LANDSCAPE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO COORDINATE WORK AND TO MINIMIZE DAMAGE TO COMPLETE GRADING, IRRIGATION, AND RELATED WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL LANDSCAPE AREAS THAT HAVE BEEN DAMAGED AS THE RESULT OF HIS OPERATIONS.
- NO MATERIALS, EQUIPMENT, AND VEHICLES SHALL BE STOCKPILED, PARKED, STORED, OR PERMITTED TO OPERATE WITHIN THE DRIP LINE DURING THE INSTALLATION OF TREES.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING NEW TREES AND PLANTING AREA AND REPLACING PLANTS THAT FAIL TO DEVELOP A HEALTHY GROWTH OR DESTROYED DURING PLANT MAINTENANCE PERIOD AT NO ADDITIONAL COST.

PLANTING LEGEND

TREES & SHRUBS	SYM.	QTY.	NAME	SIZE AND CONDITION
	6	DWARF WHITE TECOMA	TABEBUIA BAHAMENSIS	25 GAL., 7' HT, 4' SPREAD, 2" CAL. MIN.
	30	TI-GREEN	CORDYLINA FRUTICOSA	3 GAL., 3'-0" O.C.
	40	JAPANESE PRIVET	LIGUSTRUM JAPONICUM	3 GAL. 18" O.C.
GROUNDCOVER & GRASS	SYM.	QTY.	NAME	SIZE AND CONDITION
	6,600 S.F.	ZOYSIA 'EL TORO'	ZOYSIA JAPONICA	STOLONS, 10 BUSHELS/1,000S.F., WITH HYDROMULCH, 30 LBS./1,000S.F. OR PLUGS
	2,500 S.F.			
MISCELLANEOUS	QTY.	DESCRIPTION	SIZE AND CONDITION	
	20 C.Y.	ORGANIC SOIL CONDITIONER, 2" LAYER, TILLED 4-6" INTO EXISTING SOIL		
	50 C.Y.	PLANTING SOIL, PLANTING PIT AND 6" LAYER FOR NEW PLANTER		
	130 L.F.	ROOT BARRIER (TYPAR BIOBARRIER 24" DEEP)		

REVISION NO.	SYM.	DESCRIPTION	DATE	APPROVED:
2		MISC. REVISIONS	8/12/19	

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LICENSE EXPIRATION DATE 4/30/2018

IMATA AND ASSOCIATES, INC.
1750 KALAKAUA AVENUE SUITE 115
HONOLULU, HAWAII 96826

PARKING IMPROVEMENTS AT LEAHI HOSPITAL
T.M.K.: 3-2-031:001 HONOLULU, OAHU, HAWAII

PLANTING DETAILS, NOTES & LEGEND

DRAWING NO. **L-4**

DESIGNED BY: MM CHECKED BY: MM
DRAWN BY: MM APPROVED BY: MM DATE: DEC 2017 SHEET: OF: SHTS

SCALE: AS NOTED