

OVERALL ELECTRICAL SITE PLAN
SCALE: 1"=120'

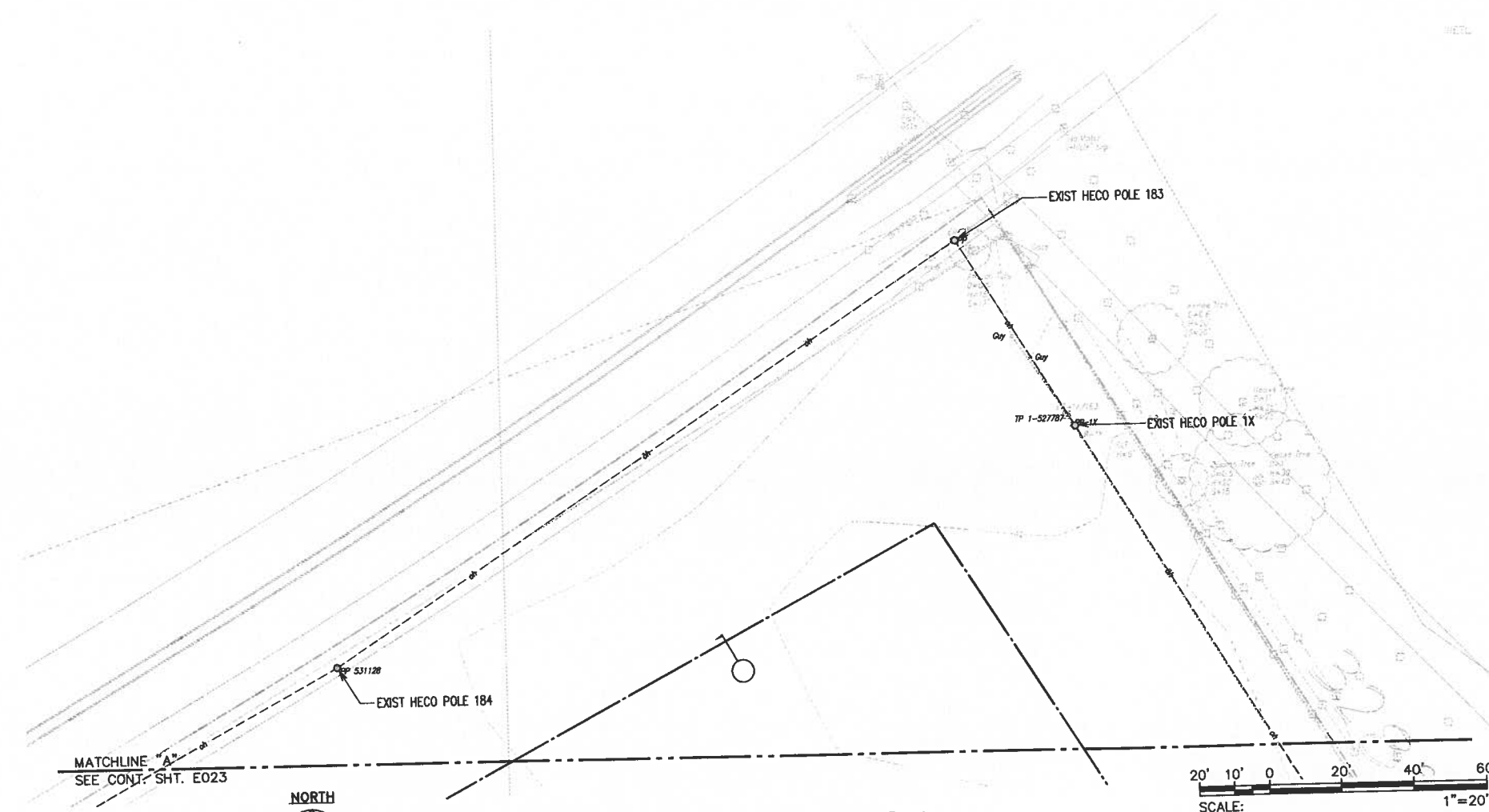


Tue, 25 Jul 2017 - 12:55pm
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USF SMC 07/21/17 © 080039 01: 507 PLOT 30 14-12000000

REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: OVERALL ELECTRICAL SITE PLAN					
DESIGNED BY:	SJ	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC. Electrical Engineers		2017.07.25 4/30/18 EXPIRATION DATE OF THE LICENSE		2017.07.25 JOB NO. WX-XX	
FILE CABINET	DRAWER	FILE	PROJECT	FOLDER	NO.

Tue, 25 Jul 2017 - 12:57pm
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PARTIAL NEW ELECTRICAL SITE PLAN 1
SCALE: 1"=20'

REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 1					
DESIGNED BY:	SA	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
		DATE:			
JOB NO. WX-XX					
FILE	DESIGN	FILE	DESIGN	FILE	DESIGN

PRINCIPAL-IN-CHARGE
 2017.07.25
 RONALD N. S. HO & ASSOC., INC.
 Electrical Engineers

SIGNATURE: _____ DATE: 2017.07.25
 EXPIRATION DATE OF THE LICENSE: 4/30/18

166'13.45

1 NEW HECO POLE P.184Y

1 NEW HECO POLE P.184X

1 NEW HECO POLE P.1/184Y

1 NEW HECO POLE P.2/184Y

NOTE(S):

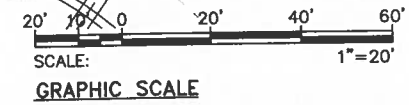
1 WORK BY HECO.

MATCHLINE SEE CONT. SH. E023

MATCHLINE "B" SEE CONT. SH. E026



PARTIAL NEW ELECTRICAL SITE PLAN 2
SCALE: 1"=20'



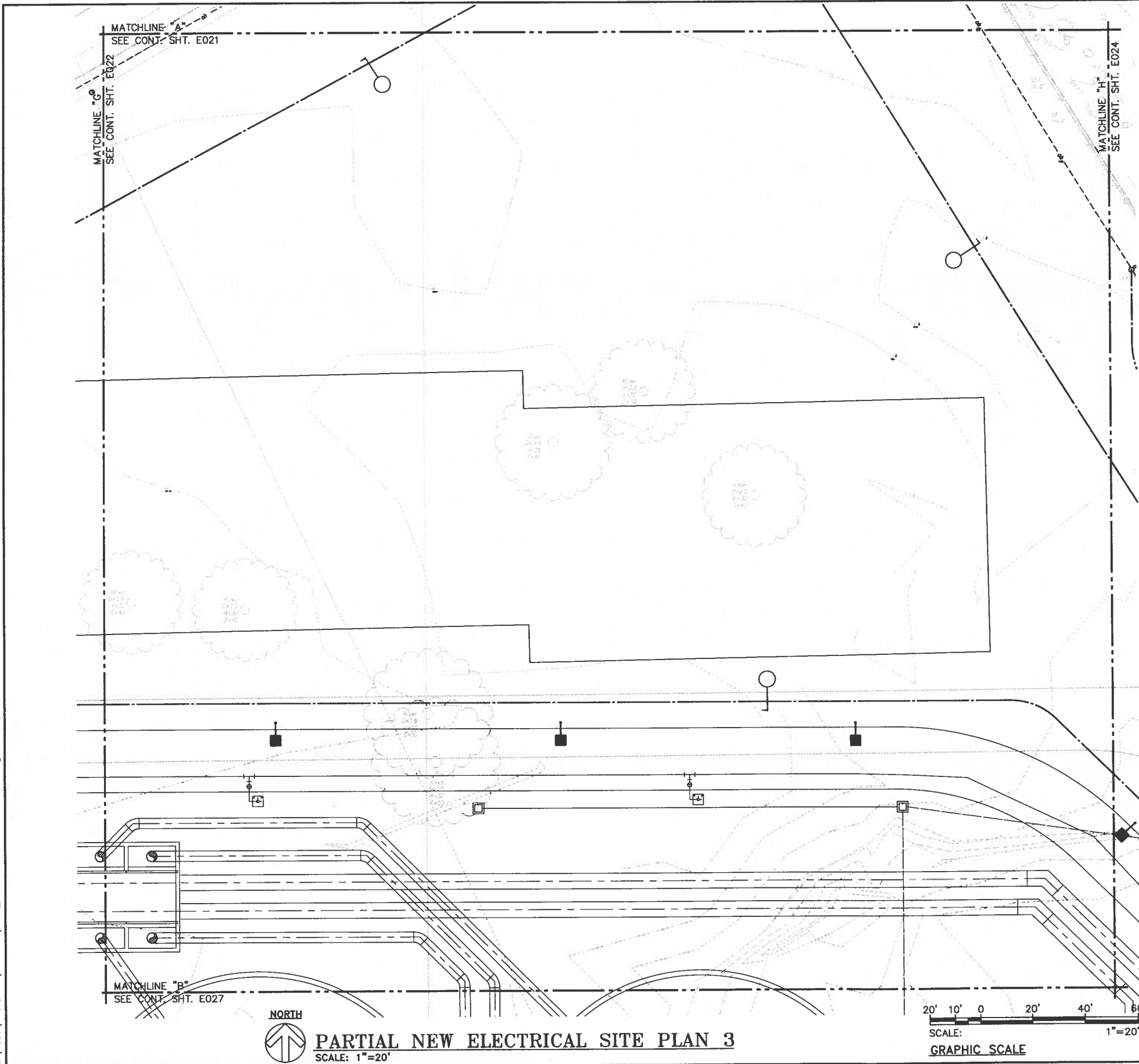
REVISION	DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU				
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII				
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 2				
DESIGNED BY:	SS	CHECKED BY:	DT	
DRAWN BY:	CAD	SECTION HEAD:		
APPROVED:		BRANCH HEAD:		
DATE:		DATE:		
JOB NO. WX-XX				
FILE	DRAWING	BRANCH	FILE	PROJECT

PRINCIPAL-IN-CHARGE
2017.07.25
RONALD N. S. HO & ASSOC., INC.
Electrical Engineers

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
SIGNATURE
2017.07.25
4/30/18
EXPIRATION DATE OF THE LICENSE

Tue, 25 Jul 2017 12:58pm
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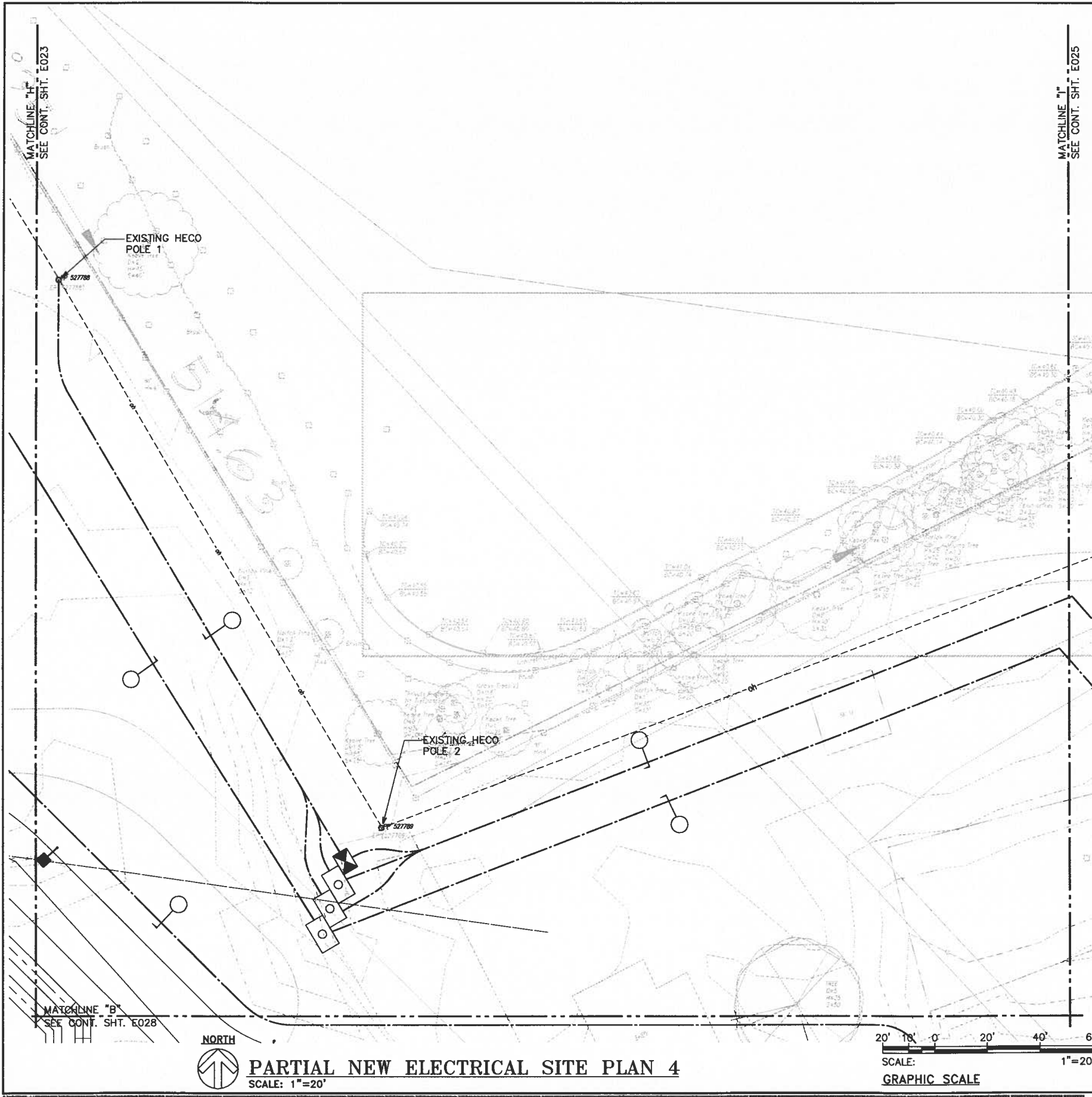
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NOTE(S):

PRINCIPAL-IN-CHARGE 2017.07.25 RONALD N. S. HO & ASSOC., INC. Electrical Engineers	THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE: _____ 4/30/18 EXPIRATION DATE OF THE LICENSE	REVISION DATE BY APPROVED	BRIEF BY APPROVED
		PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII	
		ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 3	
		DESIGNED BY: S.S. DRAWN BY: CAD APPROVED: _____	CHECKED BY: DT SECTION HEAD: BRANCH HEAD: DATE: _____
JOB NO. WX-XX		FILE CABINET DRAWER FILE PROJECT FOLDER NO.	

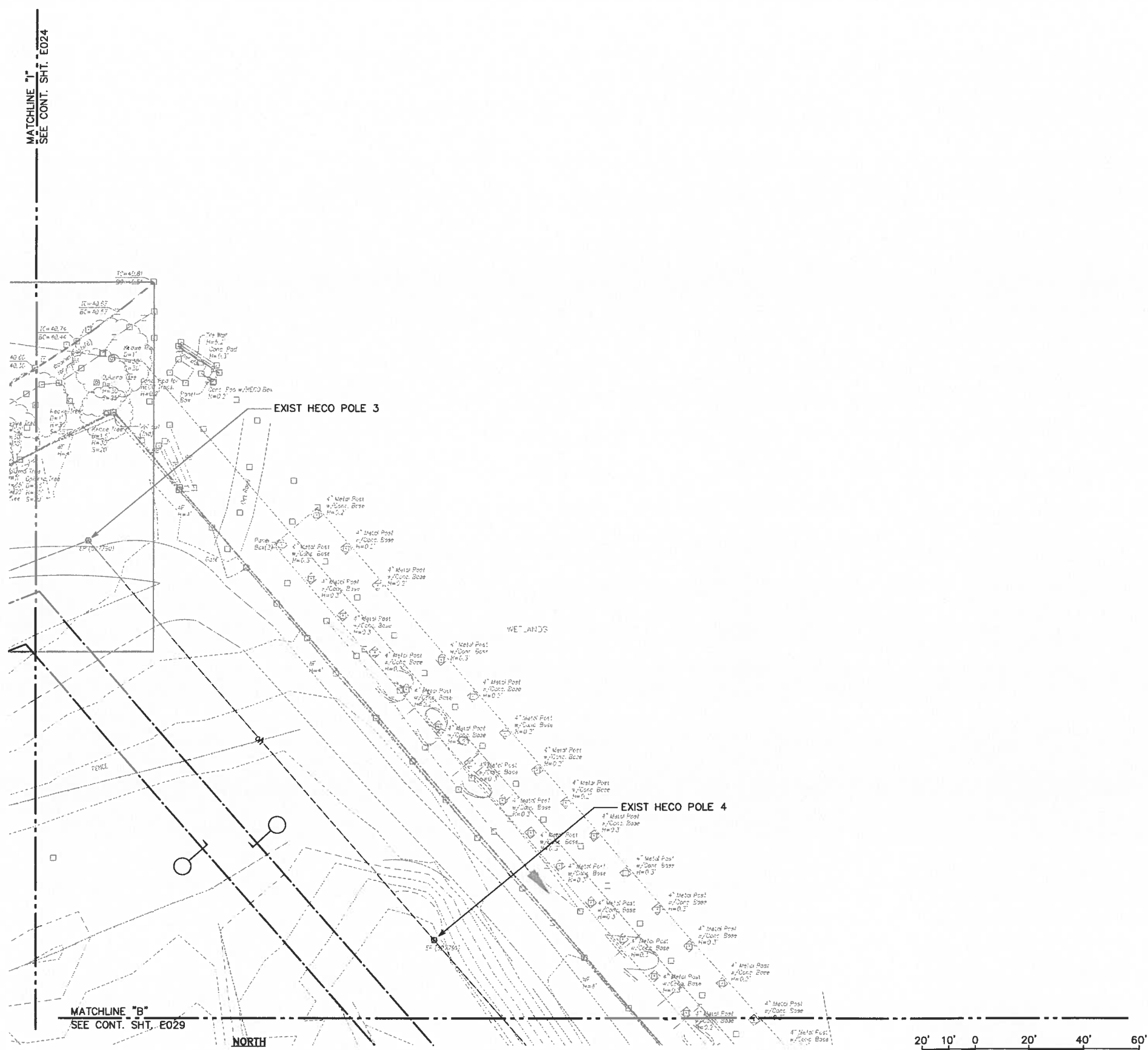
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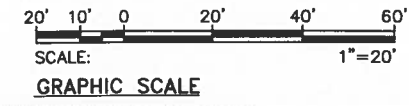
NOTE(S):

REVISION DATE BRIEF BY APPROVED					
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 4					
DESIGNED BY: <u>SA</u> DRAWN BY: <u>CAD</u> APPROVED: _____ TITLE: _____	CHECKED BY: <u>DT</u> SECTION HEAD: _____ BRANCH HEAD: _____ DATE: _____				
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE 2017.07.25 RONALD N. S. HO & ASSOC., INC. Electrical Engineers	SIGNATURE 2017.07.25 4/30/18 EXPIRATION DATE OF THE LICENSE				
FILE	DRAWN	FILE	DESIGNED	FILED	DATE

Tue, 25 Jul 2017 1:00pm
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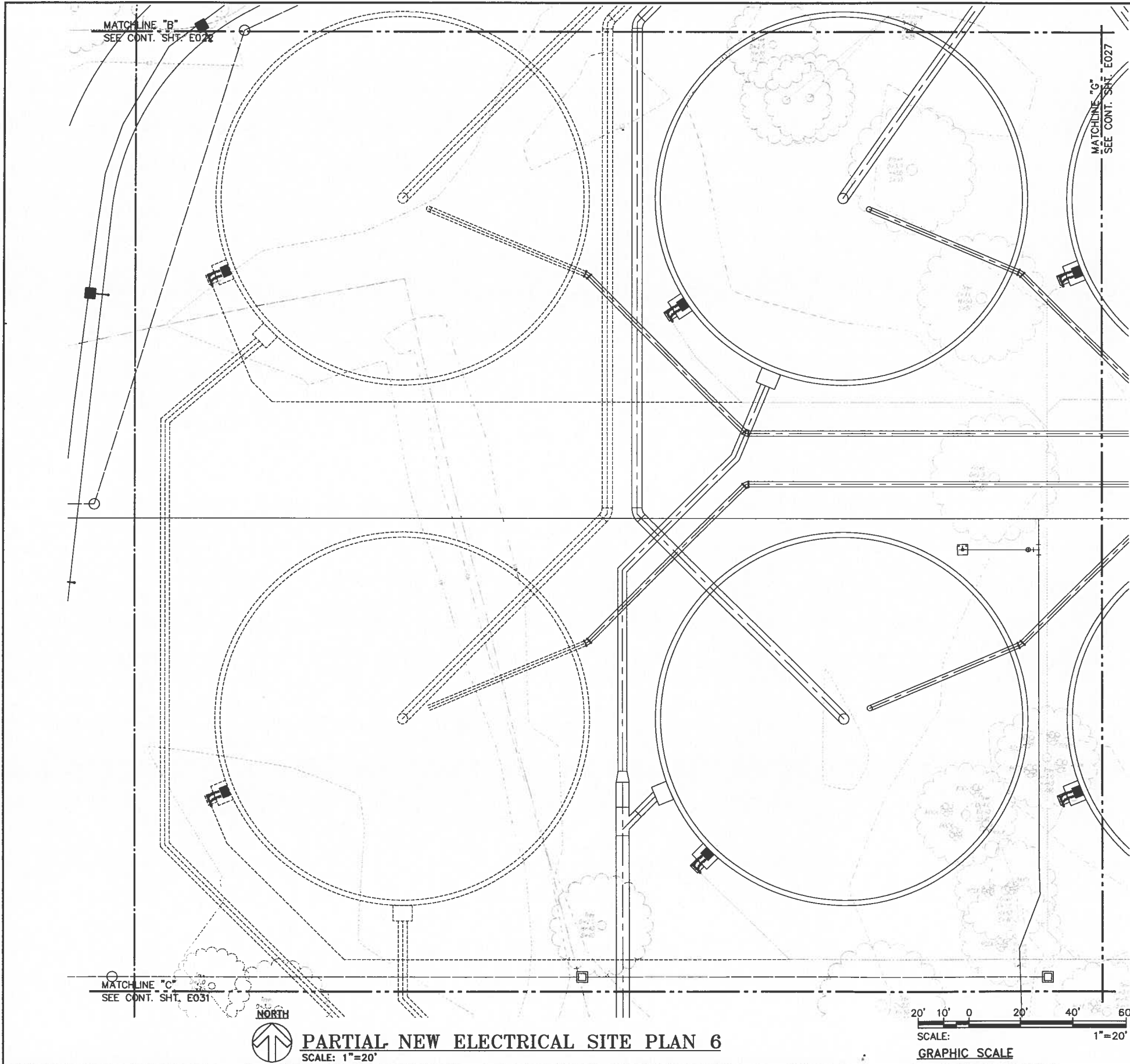


PARTIAL NEW ELECTRICAL SITE PLAN 5
SCALE: 1"=20'



REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOULIULI WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOULIULI, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 5					
DESIGNED BY:	SJ	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE		2017.07.25	
RONALD N. S. HO & ASSOC., INC.		4/30/18		EXPIRATION DATE OF THE LICENSE	
FILE	SHEET	FILE	PERMIT	FOLDER	NO.

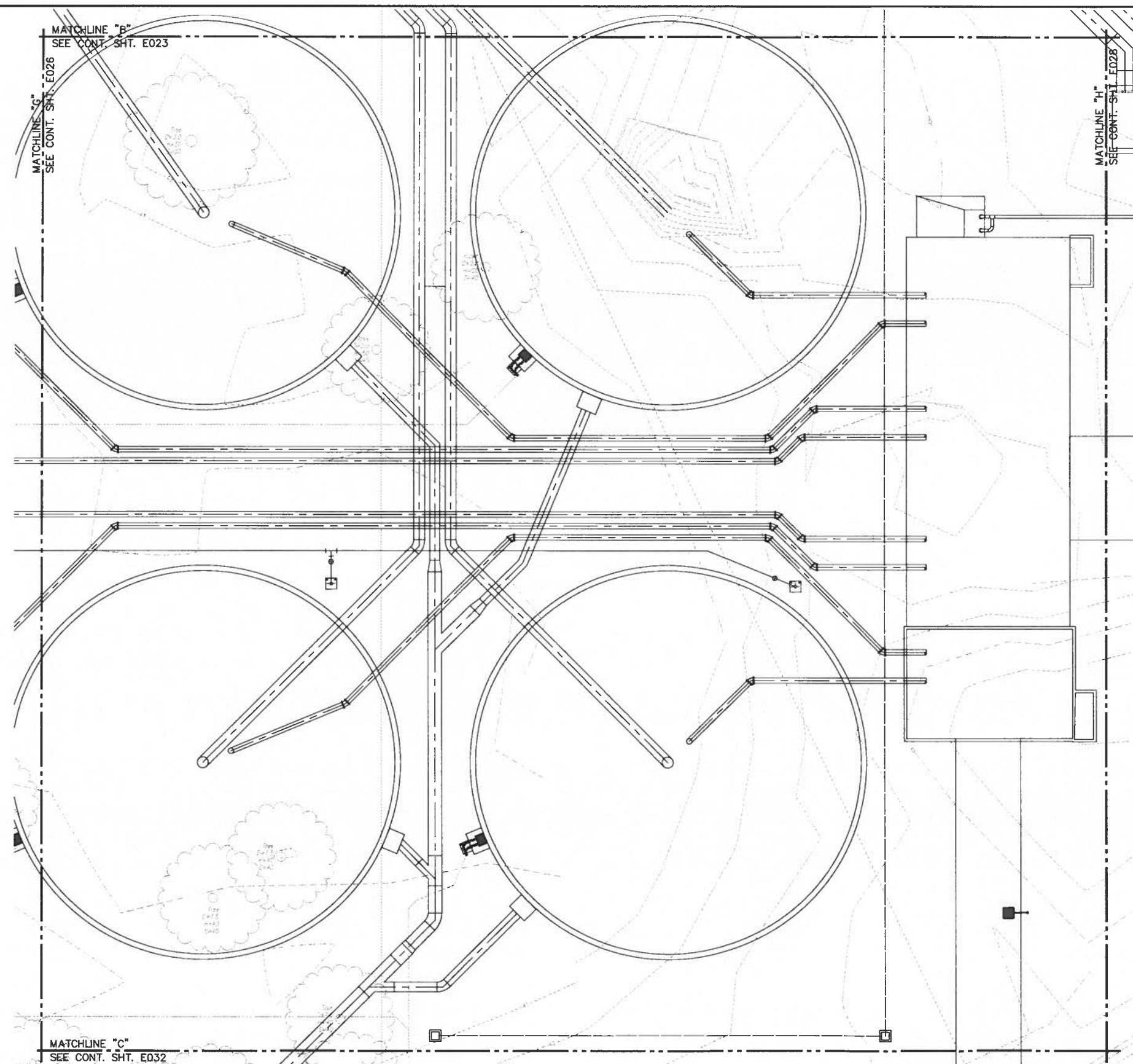
Tue, 25 Jul 2017 - 1:00pm
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PARTIAL NEW ELECTRICAL SITE PLAN 6
 SCALE: 1"=20'

PRINCIPAL-IN-CHARGE 2017.07.25 RONALD N. S. HO & ASSOC., INC. Electrical Engineers	THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE _____ DATE 4/30/18 EXPIRATION DATE OF THE LICENSE _____	<table border="1"> <tr> <th>REVISION</th> <th>DATE</th> <th>BRIEF</th> <th>BY</th> <th>APPROVED</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISION	DATE	BRIEF	BY	APPROVED						
	REVISION	DATE	BRIEF	BY	APPROVED								
	WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU												
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 6													
DESIGNED BY: SM DRAWN BY: CAD APPROVED: _____ CHECKED BY: DT SECTION HEAD: _____ BRANCH HEAD: _____ DATE: _____													
JOB NO. WX-XX <table border="1"> <tr> <th>FILE CABINET</th> <th>BRANCH</th> <th>FILE</th> <th>PROJECT</th> <th>FOLDER</th> <th>FILE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		FILE CABINET	BRANCH	FILE	PROJECT	FOLDER	FILE						
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Tue, 25 Jul 2017 1:19pm
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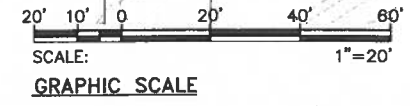
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MATCHLINE "H"
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MATCHLINE "C"
 SEE CONT. SHT. E032

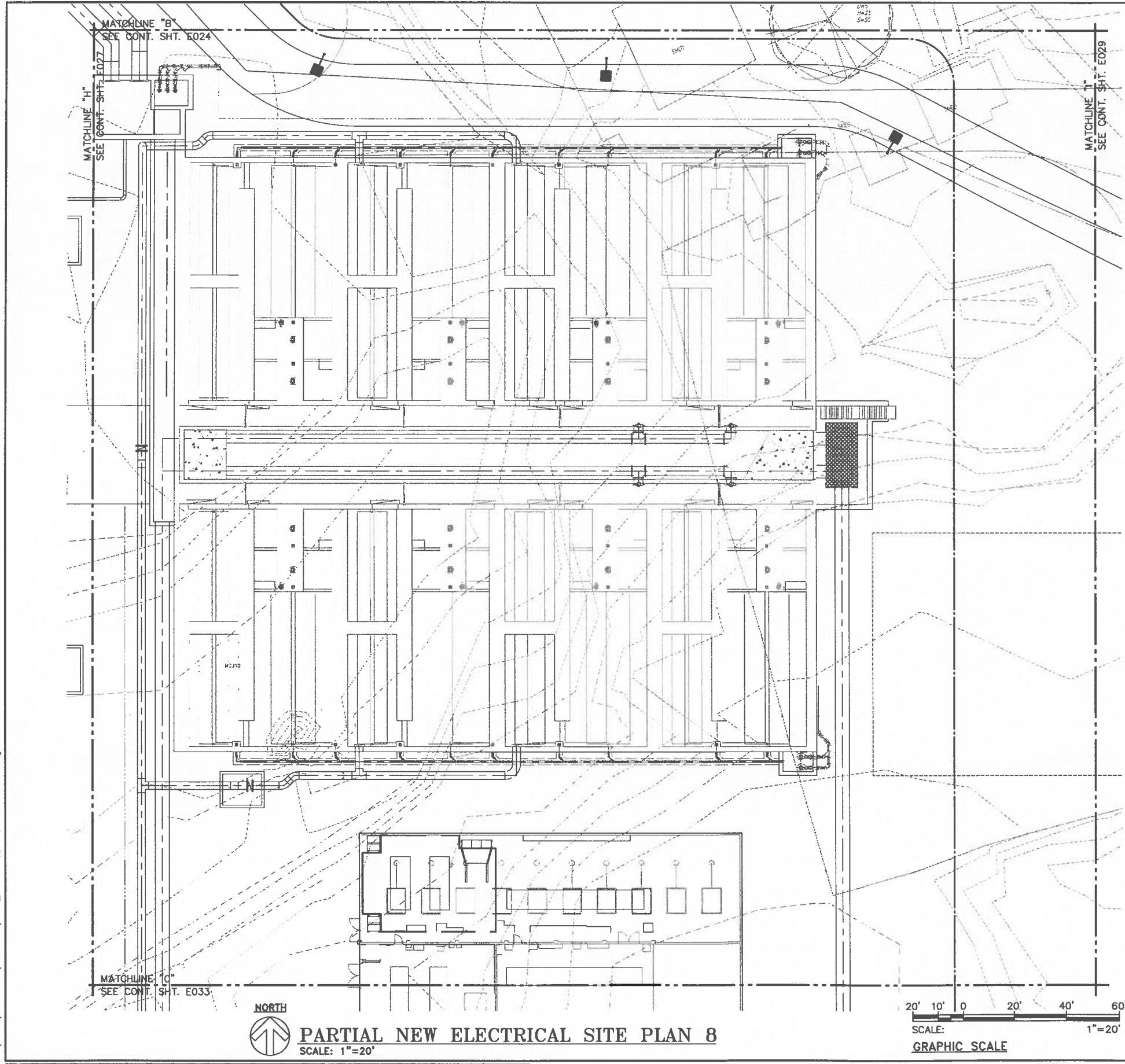


PARTIAL NEW ELECTRICAL SITE PLAN 7
 SCALE: 1"=20'

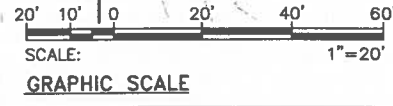


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTW SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 7					
DESIGNED BY:	SL	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC.		4/30/18		2017.07.25	
Electrical Engineers		EXPIRATION DATE OF THE LICENSE			

Tue, 25 Jul 2017 1:17pm
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PARTIAL NEW ELECTRICAL SITE PLAN 8
 SCALE: 1"=20'



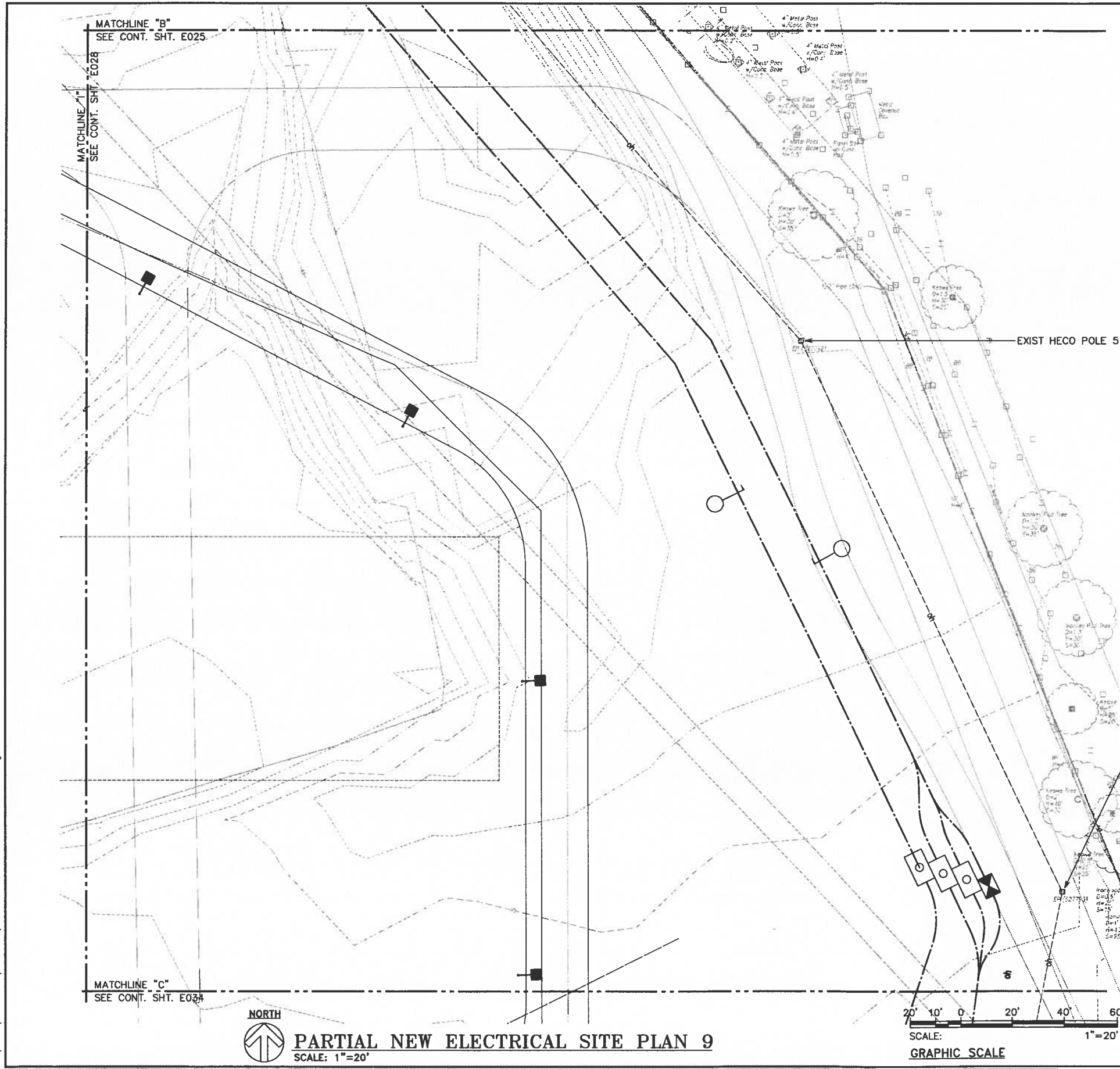
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WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 8					
DESIGNED BY:	RL	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
DATE:		DATE:			
JOB NO. WX-XX					
FILE	DRAWING	DATE	PROJECT	FOLDER	FILE

PRINCIPAL-IN-CHARGE
 2017.07.25
 RONALD N. S. HO & ASSOC., INC.
 Electrical Engineers

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 SIGNATURE: _____
 DATE: 4/30/18
 EXPIRATION DATE OF THE LICENSE

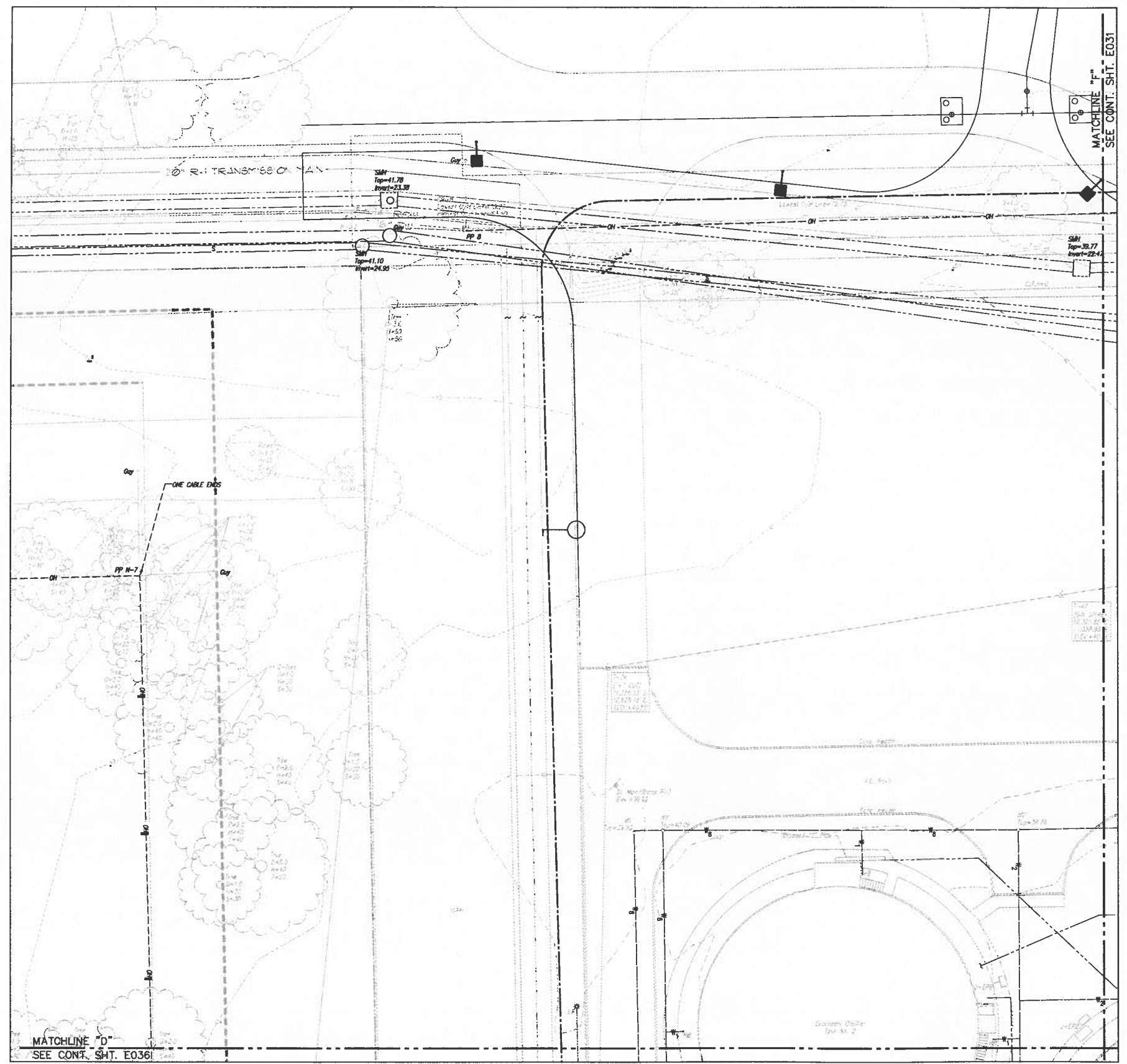
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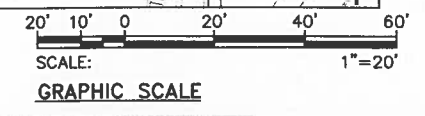


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 9					
DESIGNED BY:	SS	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE		2017.07.25	
RONALD N. S. HO & ASSOC., INC.		4/30/18		EXPIRATION DATE OF THE LICENSE	
FILE	SUBMIT	BRANCH	FILE	PROJECT	FILED

Tue, 25 Jul 2017 1:03pm
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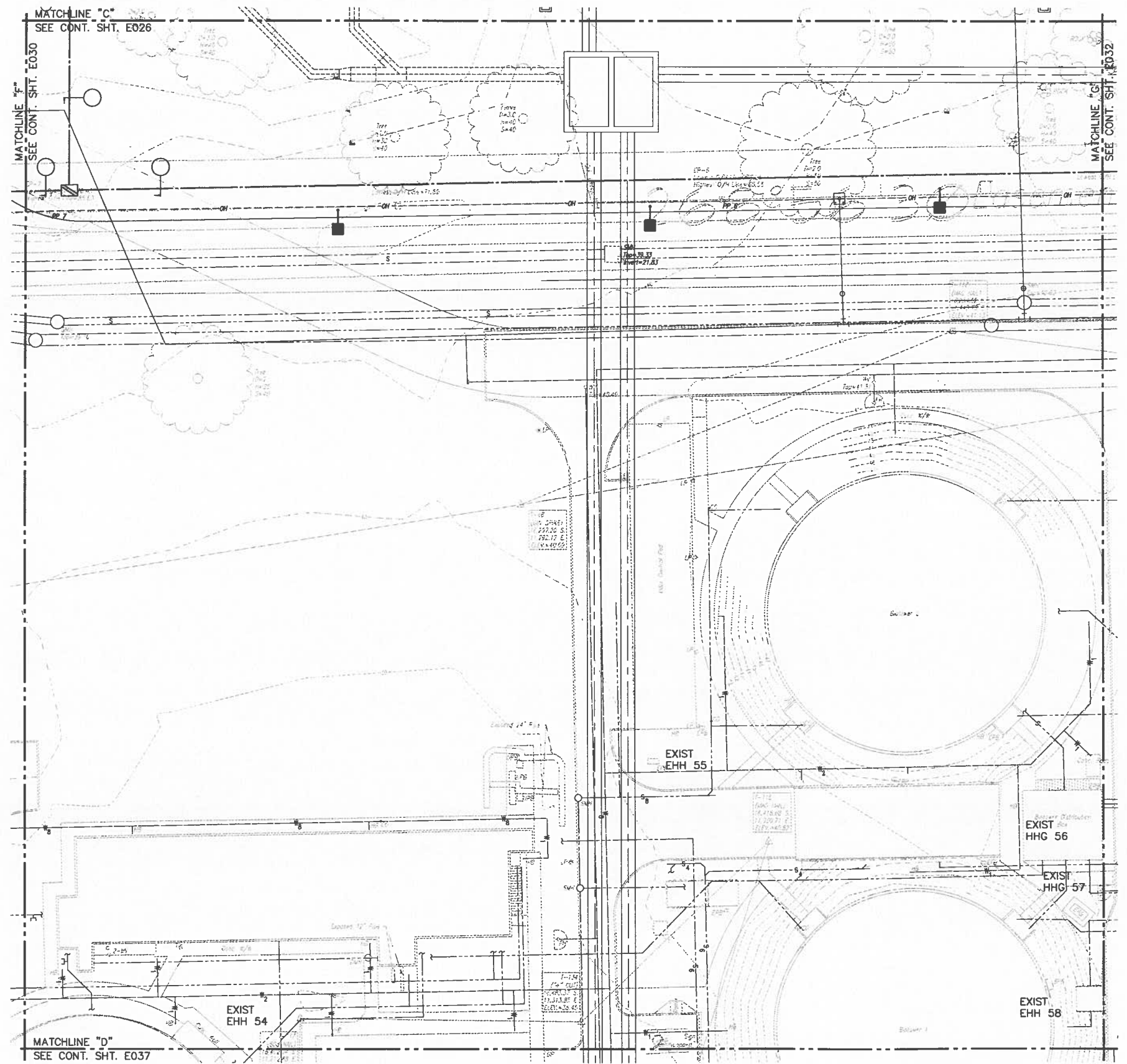


PARTIAL NEW ELECTRICAL SITE PLAN 10
 SCALE: 1"=20'

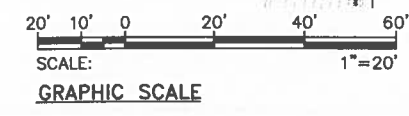


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 10					
DESIGNED BY:	SS	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
PRINCIPAL-IN-CHARGE			DATE		
2017.07.25 RONALD N. S. HO & ASSOC., INC. Electrical Engineers		SIGNATURE: _____ DATE: 2017.07.25 EXPIRATION DATE OF THE LICENSE: 4/30/18			
FILE CABINET	DRAWER	FILE	PROJECT	FOLDER	NO.

Tue, 25 Jul 2017 1:03pm
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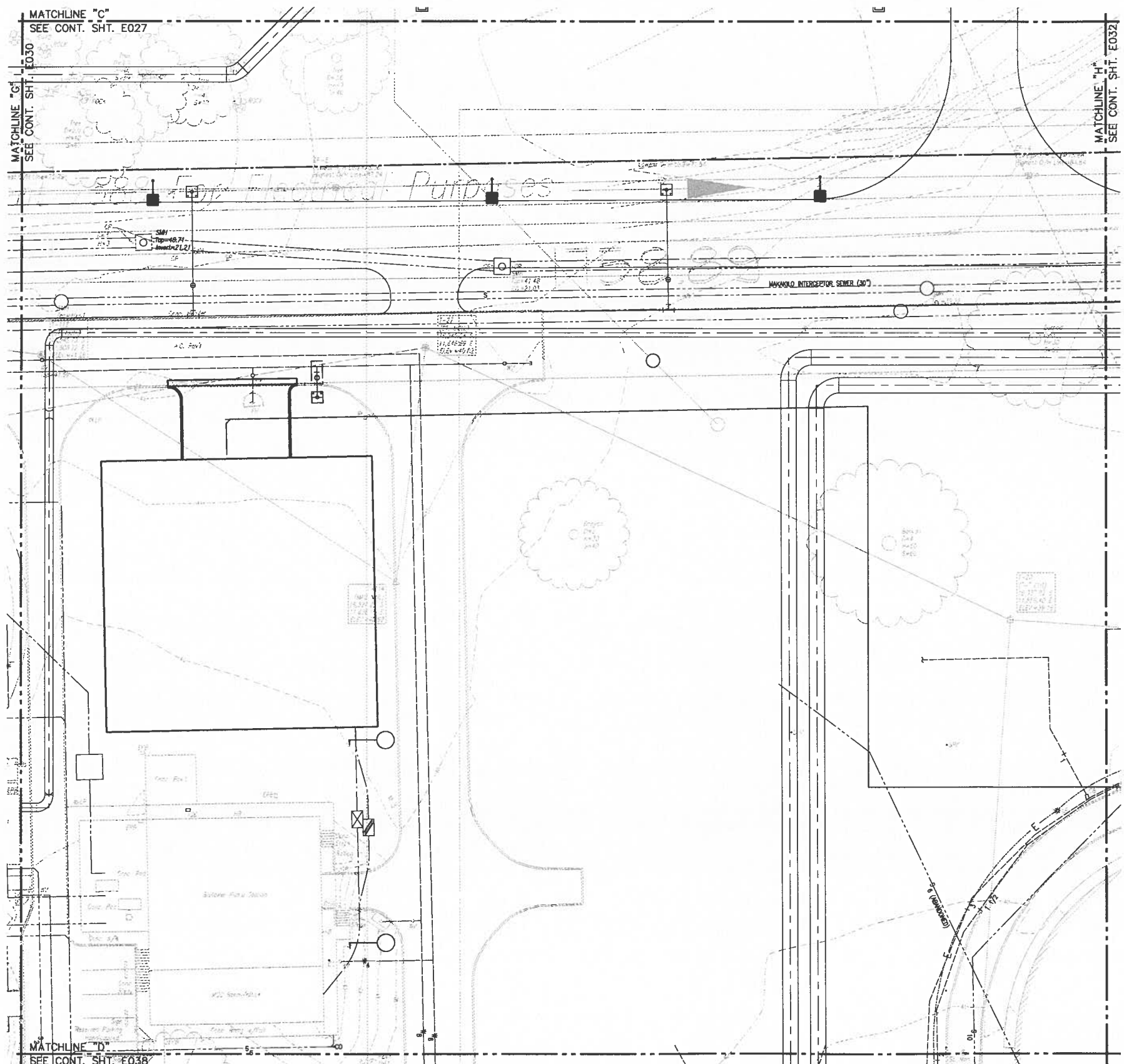


PARTIAL NEW ELECTRICAL SITE PLAN 11
 SCALE: 1"=20'

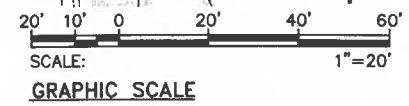


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 11					
DESIGNED BY:	SJB	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC.		2017.07.25		2017.07.25	
Electrical Engineers		4/30/18		EXPIRATION DATE OF THE LICENSE	
FILE CABINET	BRANCH	FILE	PROJECT	FOLDER	NIL

Tue, 25 Jul 2017 - 1:04pm
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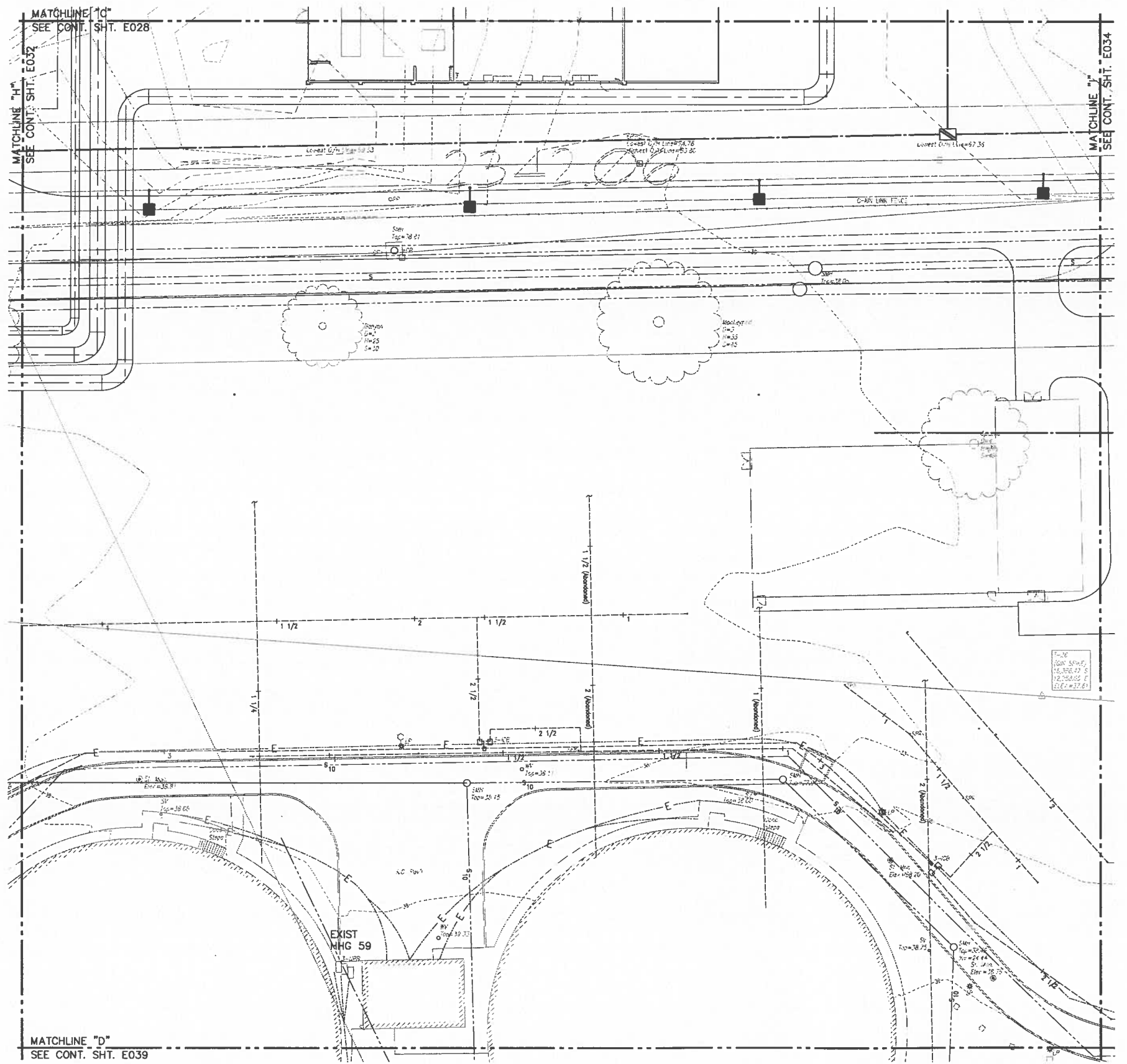


PARTIAL NEW ELECTRICAL SITE PLAN 12
 SCALE: 1"=20'

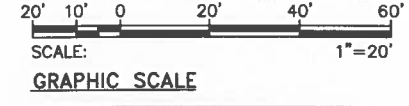


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN AND CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 12					
DESIGNED BY:	SJS	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:			BRANCH HEAD:		
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC.		4/30/16		2017.07.25	
Electrical Engineers		EXPIRATION DATE OF THE LICENSE		JOB NO. W4-17	
FILE	DRAWING	FILE	POCKET	FOLDER	NO.

Tue, 25 Jul 2017 - 2:51pm
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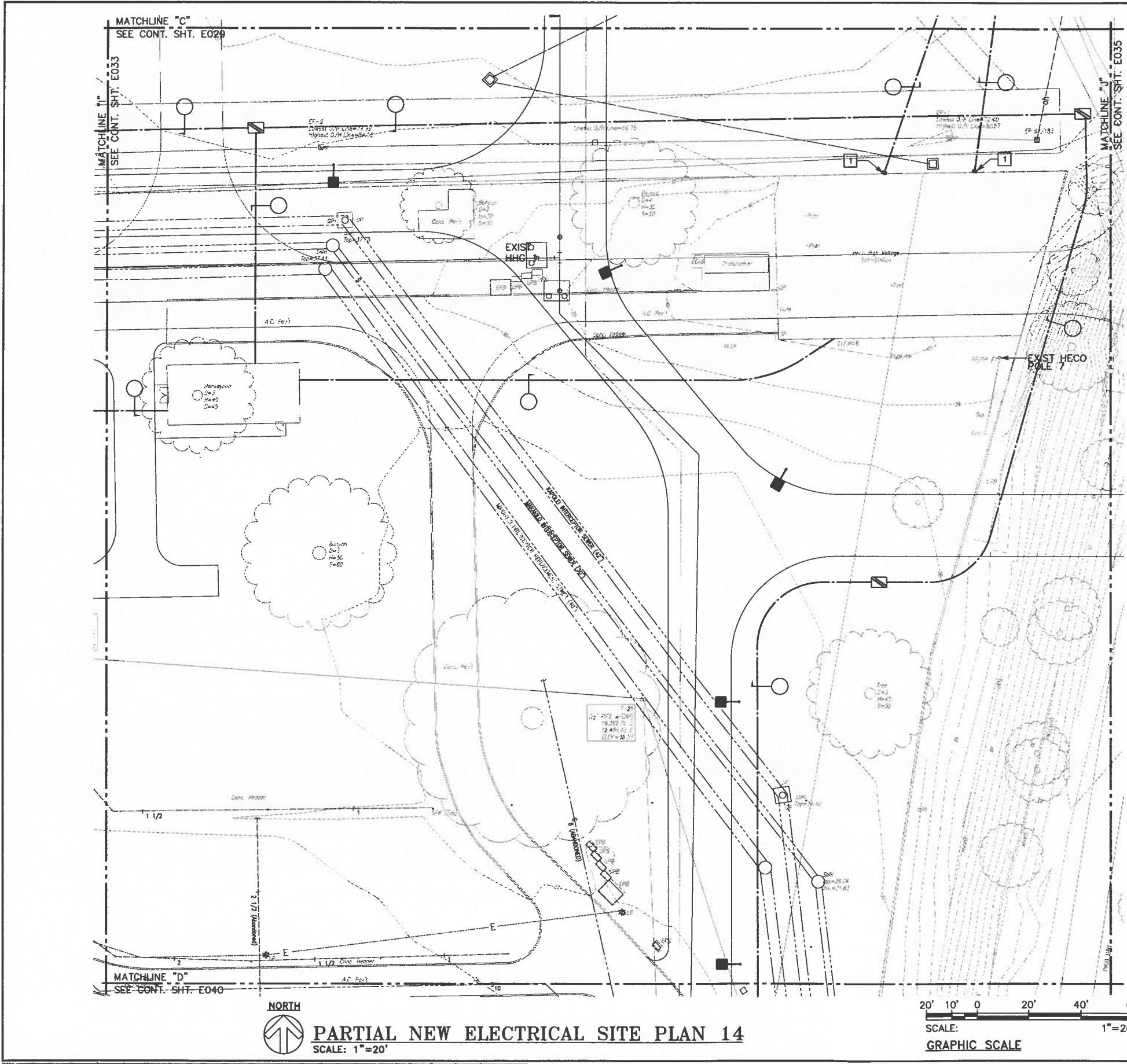


PARTIAL NEW ELECTRICAL SITE PLAN 13
 SCALE: 1"=20'



REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULUI WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULUI, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 13					
DESIGNED BY:	SLJ	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC.		2017.07.25		4/30/18	
Electrical Engineers		EXPIRATION DATE OF THE LICENSE			
JOB NO. WX-XX					
FILE	DRAWING	FILE	FORMET	FOLDER	NO.

Tue, 25 Jul 2017 1:22pm
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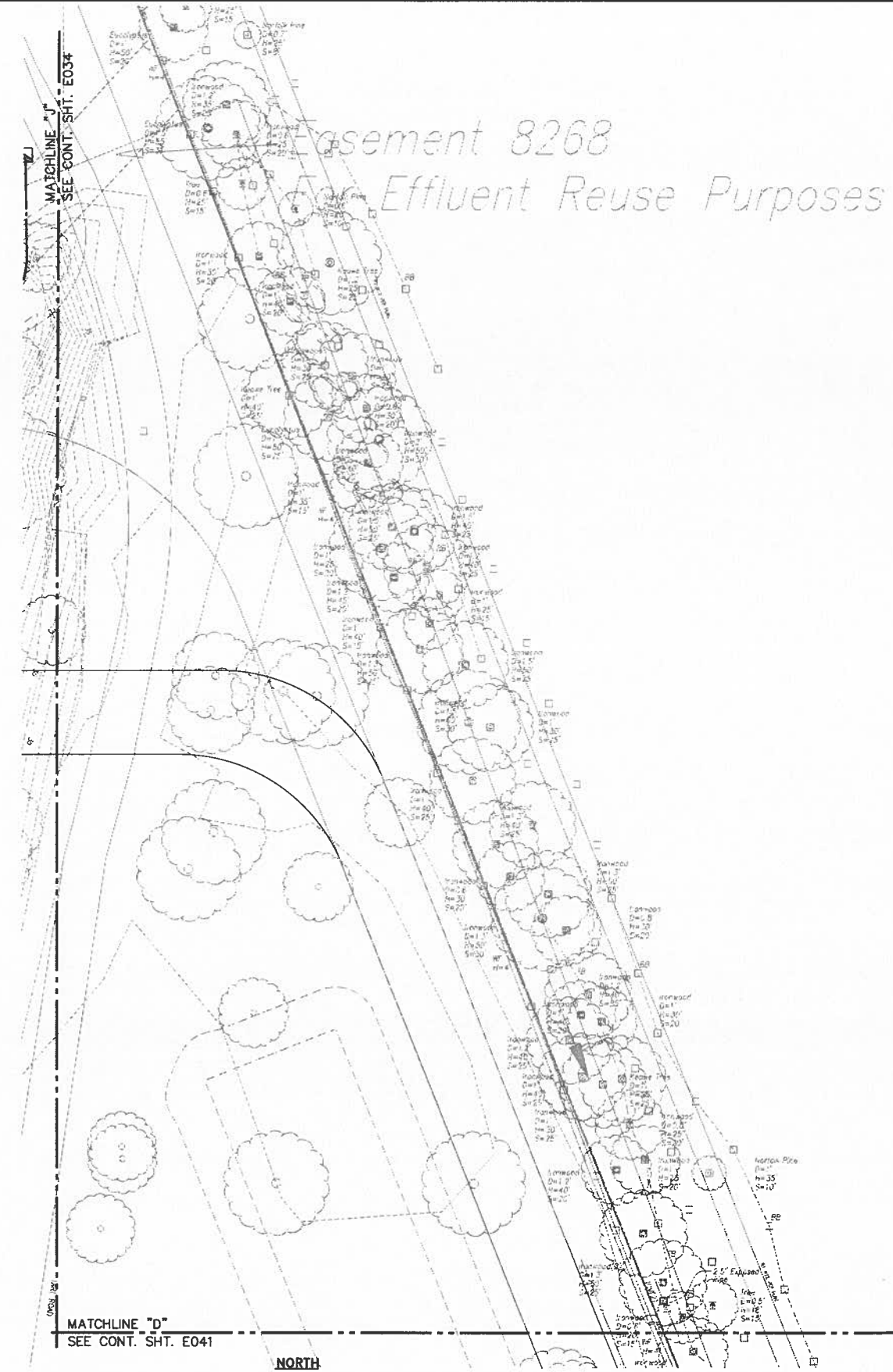


NOTE(S):
 1 STUB OUT CONDUIT AT EDGE OF HECO SUBSTATION.

PARTIAL NEW ELECTRICAL SITE PLAN 14
 SCALE: 1" = 20'

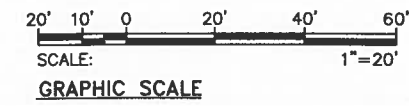
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PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 14					
DESIGNED BY:	SA	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
SIGNATURE		DATE			
PRINCIPAL-IN-CHARGE RONALD N. S. HO & ASSOC., INC. Electrical Engineers		2017.07.25 4/30/18			
JOB NO. WX-XX					
FILE	REVISION	DATE	FILE	REVISION	DATE

Tue, 25 Jul 2017 - 1:05pm
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PARTIAL NEW ELECTRICAL SITE PLAN 15

SCALE: 1"=20'



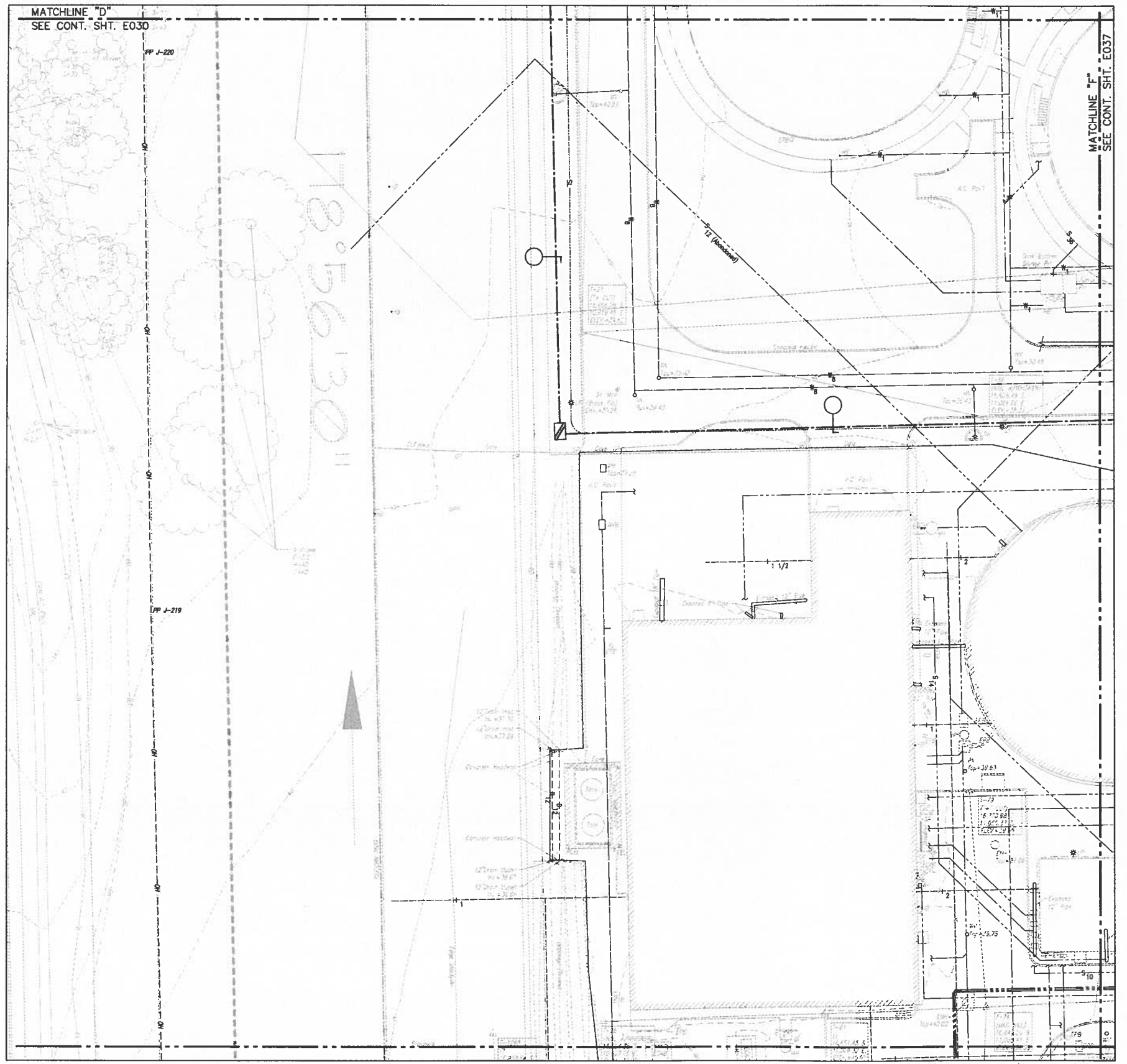
Easement 8268
Effluent Reuse Purposes

MATCHLINE "J"
SEE CONT. SHT. E034

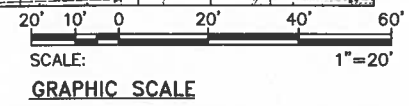
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REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 15					
DESIGNED BY:	SJ	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC.		4/30/18		2017.07.25	
Electrical Engineers		EXPIRATION DATE OF THE LICENSE			

Tue, 25 Jul 2017 1:06pm
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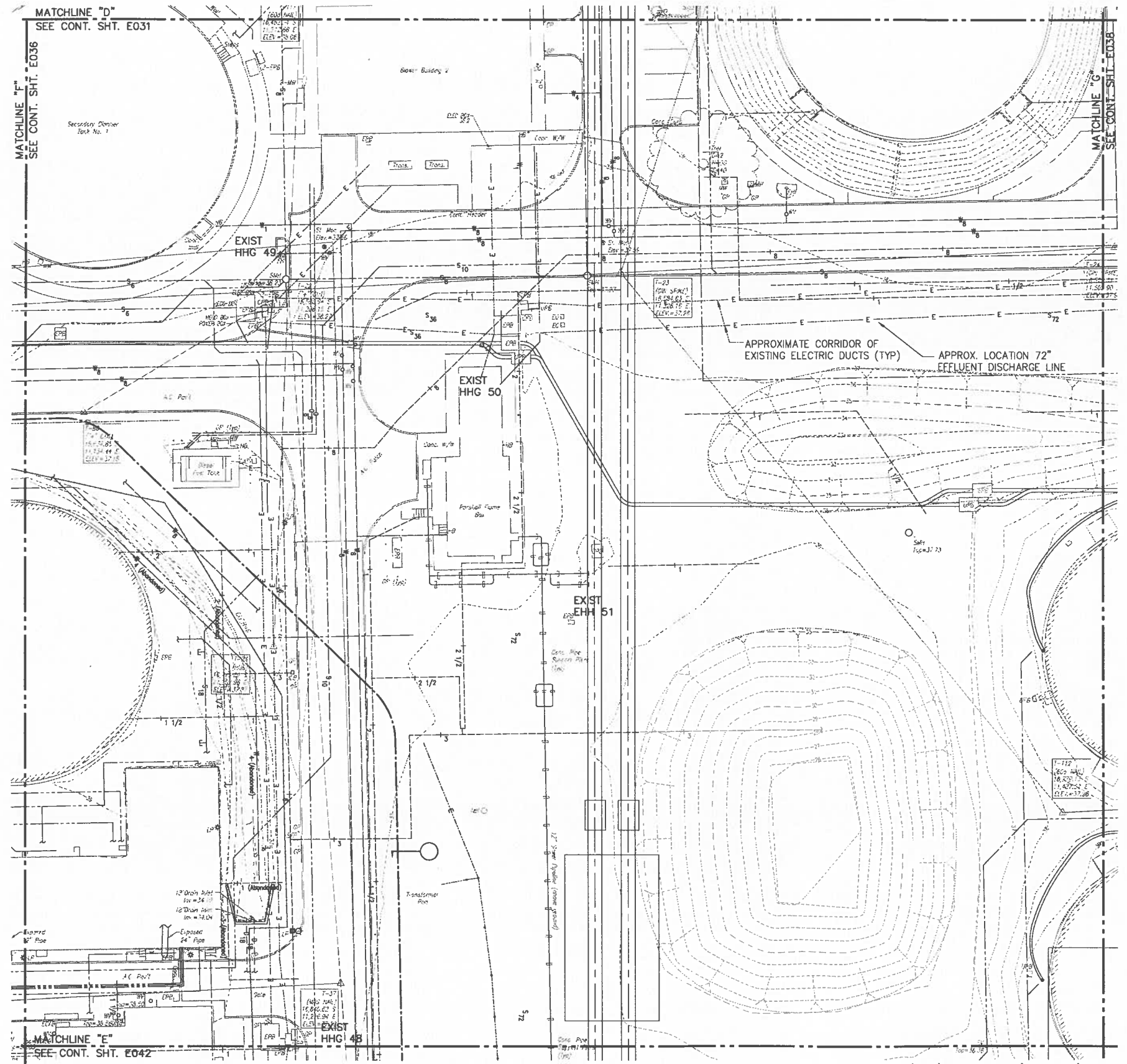


PARTIAL NEW ELECTRICAL SITE PLAN 16
 SCALE: 1"=20'

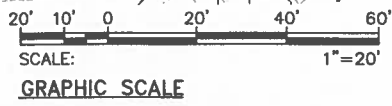


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT:					
HONOLULULI WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULULI, EWA, OAHU, HAWAII					
ITEM:					
PARTIAL NEW ELECTRICAL SITE PLAN 16					
DESIGNED BY:	SL	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:	BRANCH HEAD				
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC.		4/30/18		2017.07.25	
Electrical Engineers		EXPIRATION DATE OF THE LICENSE			

Tue, 25 Jul 2017 - 1:07pm
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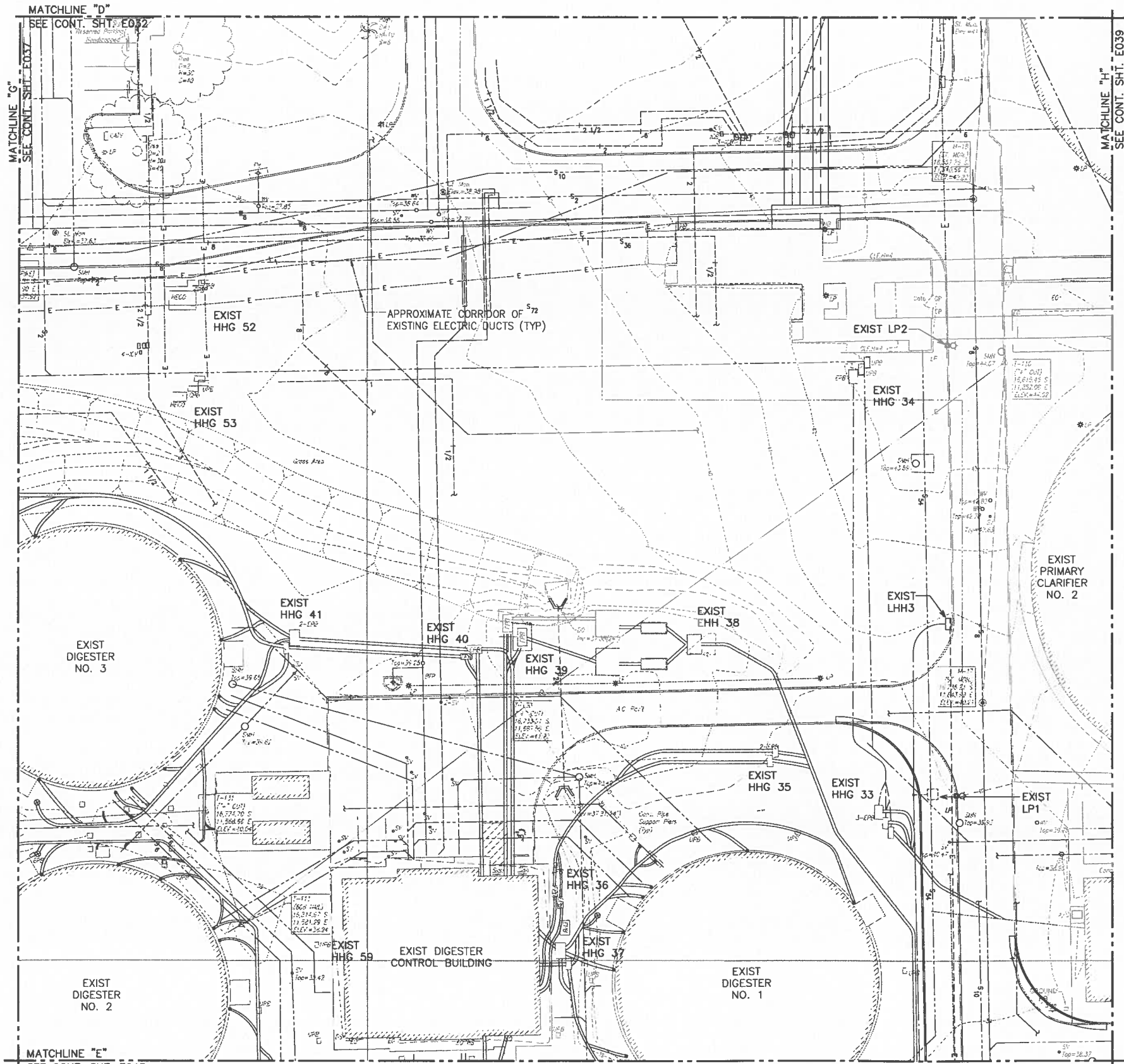


PARTIAL NEW ELECTRICAL SITE PLAN 17
 SCALE: 1"=20'

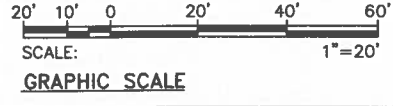


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 17					
DESIGNED BY:	SLE	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE			
RONALD N. S. HO & ASSOC., INC. Electrical Engineers		2017.07.25			
		EXPIRATION DATE OF THE LICENSE			
		4/30/18			
FILE	DRAWER	FILE	PROJECT	FOLDER	FILE

Tue, 25 Jul 2017 1:07pm
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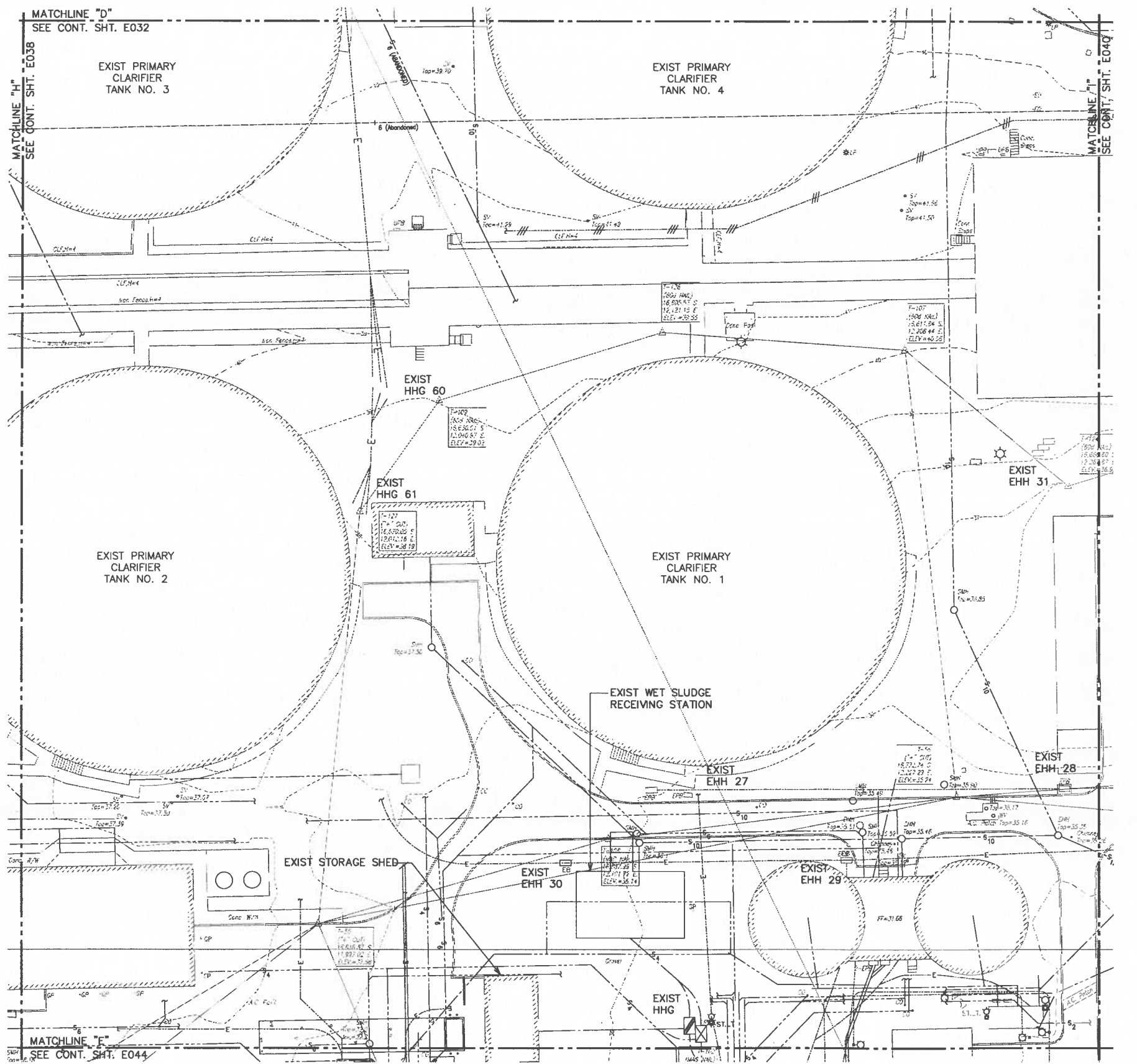


PARTIAL NEW ELECTRICAL SITE PLAN 18
 SCALE: 1"=20'

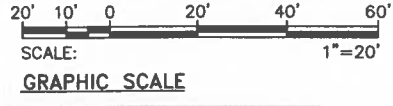


REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 18					
DESIGNED BY:	SE	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
PRINCIPAL-IN-CHARGE					
2017.07.25		SIGNATURE			
RONALD N. S. HO & ASSOC., INC.		2017.07.25			
Electrical Engineers		4/30/18			
		EXPIRATION DATE OF THE LICENSE			
JOB NO. WX-XX					
FILE	DRAWER	FILE	PROJECT	PLANS	FILE

Tue, 25 Jul 2017 - 1:08pm
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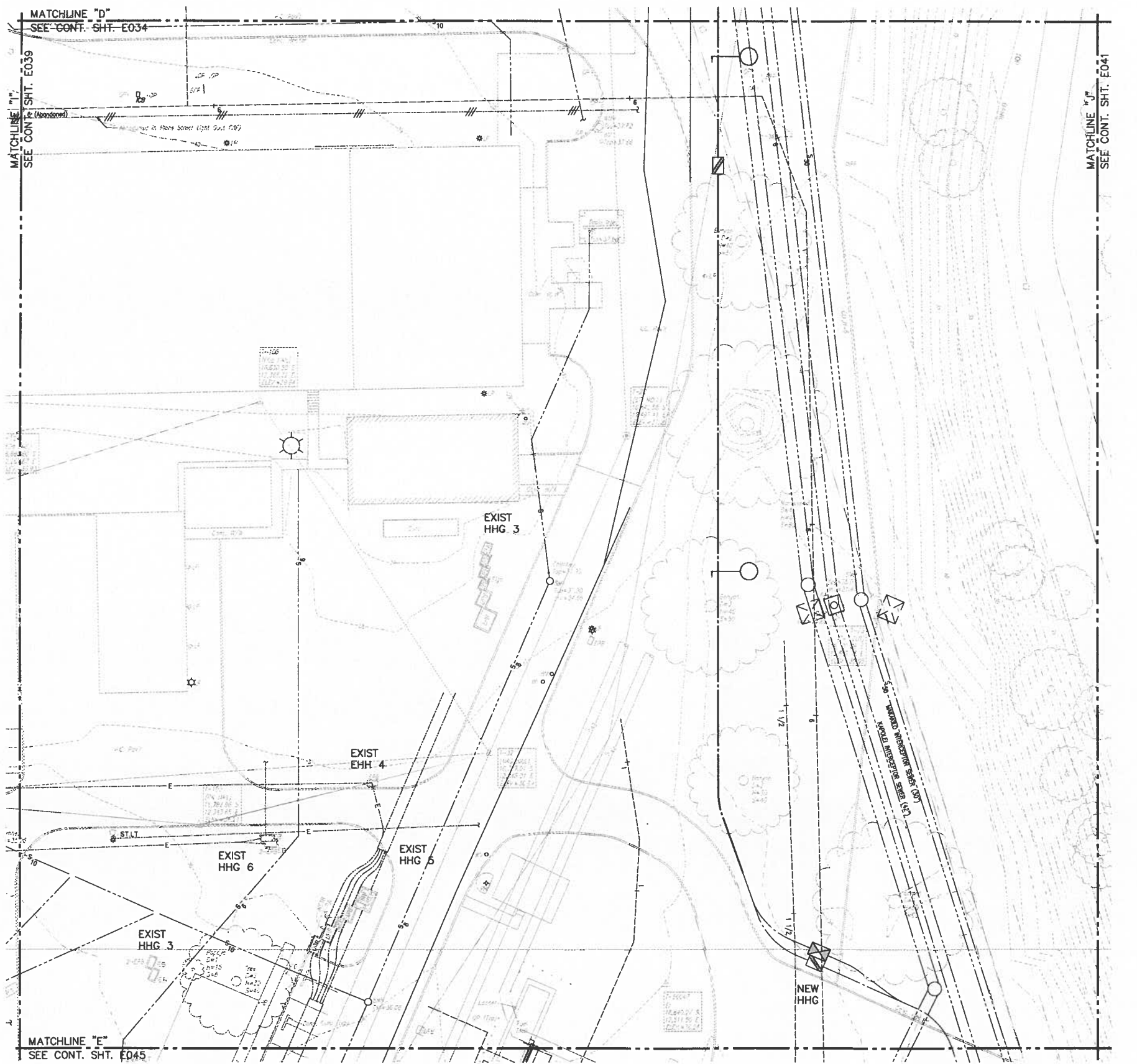


PARTIAL NEW ELECTRICAL SITE PLAN 19
 SCALE: 1"=20'

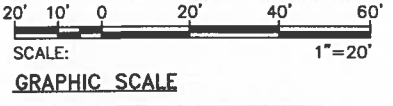


REVISION	DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU				
PROJECT: HONOLULUI WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULUI, EWA, OAHU, HAWAII				
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 19				
DESIGNED BY:	SJ	CHECKED BY:	DT	
DRAWN BY:	CAD	SECTION HEAD:		
APPROVED:		BRANCH HEAD:		
JOB NO. WX-XX				
PRINCIPAL-IN-CHARGE 2017.07.25 RONALD N. S. HO & ASSOC., INC. Electrical Engineers		SIGNATURE 2017.07.25 4/30/18 EXPIRATION DATE OF THE LICENSE		

Tue, 25 Jul 2017 - 1:08pm
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PARTIAL NEW ELECTRICAL SITE PLAN 20
 SCALE: 1"=20'

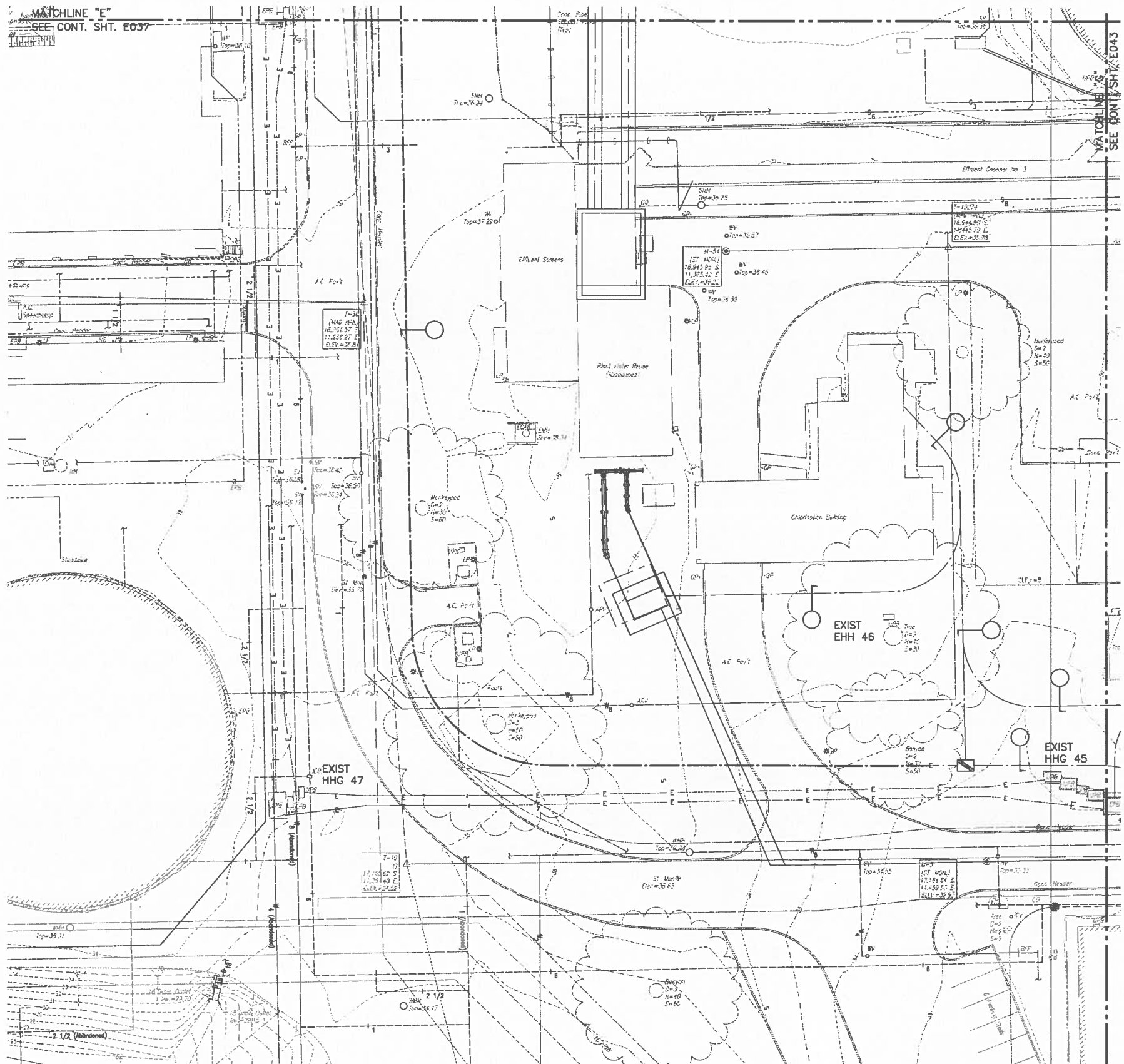


PRINCIPAL-IN-CHARGE 2017.07.25 RONALD N. S. HO & ASSOC., INC. Electrical Engineers	THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE _____ DATE 2017.07.25 EXPIRATION DATE OF THE LICENSE 4/30/18	REVISION _____ DATE _____ BY _____ APPROVED _____
		PROJECT: HONOLULU WWTW SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII
		ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 20
		DESIGNED BY: <u>SS</u> CHECKED BY: <u>DT</u> DRAWN BY: <u>CAD</u> SECTION HEAD _____ APPROVED: _____ BRANCH HEAD _____ _____ DATE _____
JOB NO. WX-XX		FILE CABINET _____ DRAWER _____ FILE _____ POSITION _____ FOLDER _____ NO. _____

Tue, 25 Jul 2017 1:09pm
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REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 21					
DESIGNED BY:	JS	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
PRINCIPAL-IN-CHARGE		SIGNATURE		DATE	
RONALD N. S. HO & ASSOC., INC.		2017.07.25		2017.07.25	
Electrical Engineers		EXPIRATION DATE OF THE LICENSE		4/30/18	
FILE	DRAWING	FILE	PERMIT	FOLDER	NO.

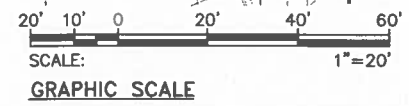


MATCHLINE "E"
SEE CONT. SHT. E037

MATCHLINE
SEE CONT. SHT. E043



PARTIAL NEW ELECTRICAL SITE PLAN 22
SCALE: 1"=20'

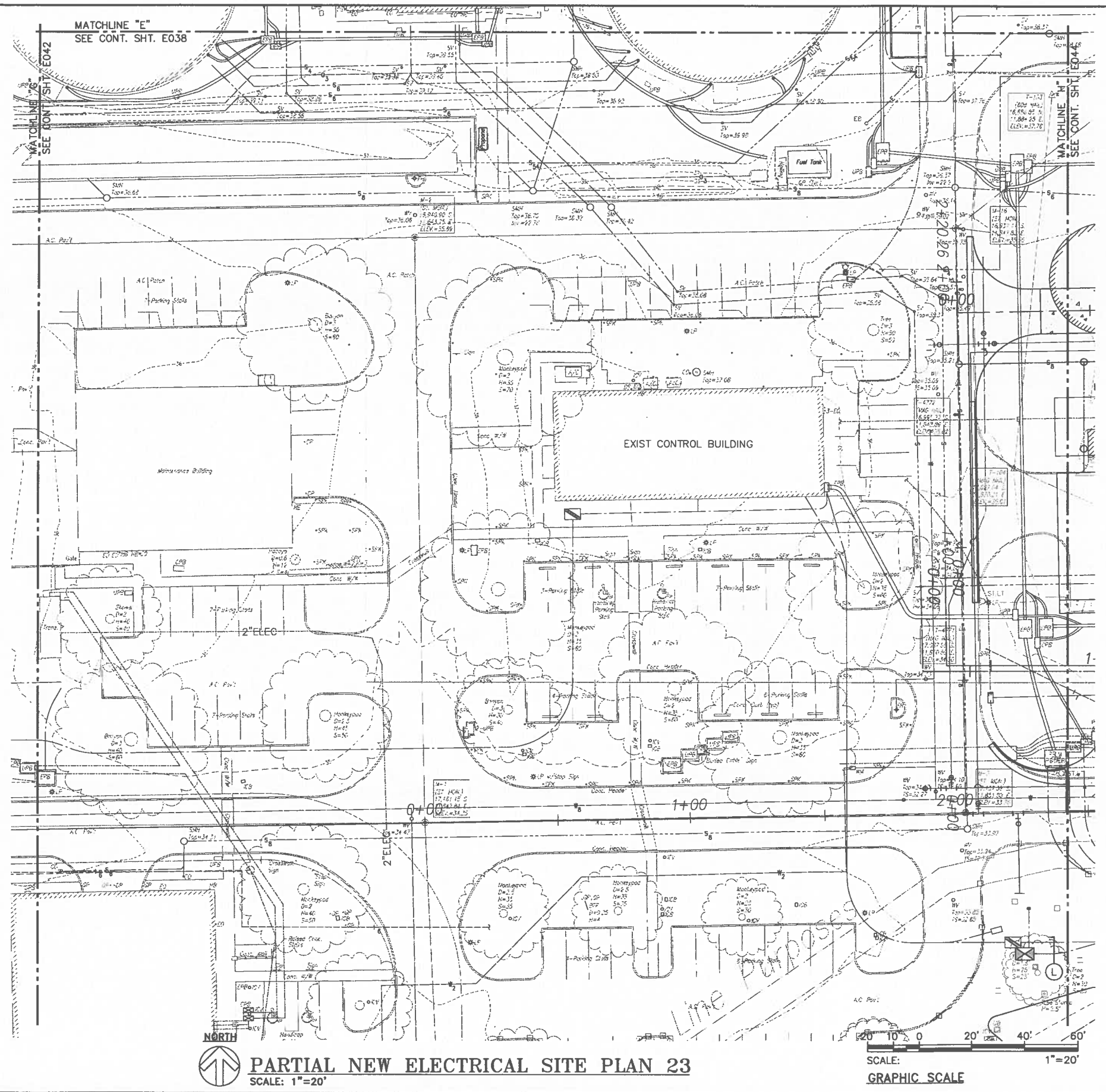


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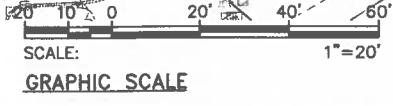
LAST SAVE: 07/24/17 @ 11:57:58 BY: SSV PLOT SC: 1450.000000

REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 22					
DESIGNED BY:	SJ	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
SIGNATURE		DATE	JOB NO. WX-XX		
THIS DRAWING WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.		2017.07.25	4/30/18		
PRINCIPAL-IN-CHARGE RONALD N. S. HO & ASSOC., INC. Electrical Engineers		EXPIRATION DATE OF THE LICENSE			
FILE	DRAWN	FILE	POBET	FOLDER	NO.

Tue, 25 Jul 2017 11:10am
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PARTIAL NEW ELECTRICAL SITE PLAN 23
 SCALE: 1"=20'



REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN AND CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 23					
DESIGNED BY: <u>SJM</u>		CHECKED BY: <u>DT</u>			
DRAWN BY: <u>CAD</u>		SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
DATE:		DATE:			
JOB NO. W4-17					
FILE	DRAWN	FILE	POCKET	FOLDER	DATE

PRINCIPAL-IN-CHARGE

2017.07.25

RONALD N. S. HO & ASSOC., INC.
 Electrical Engineers

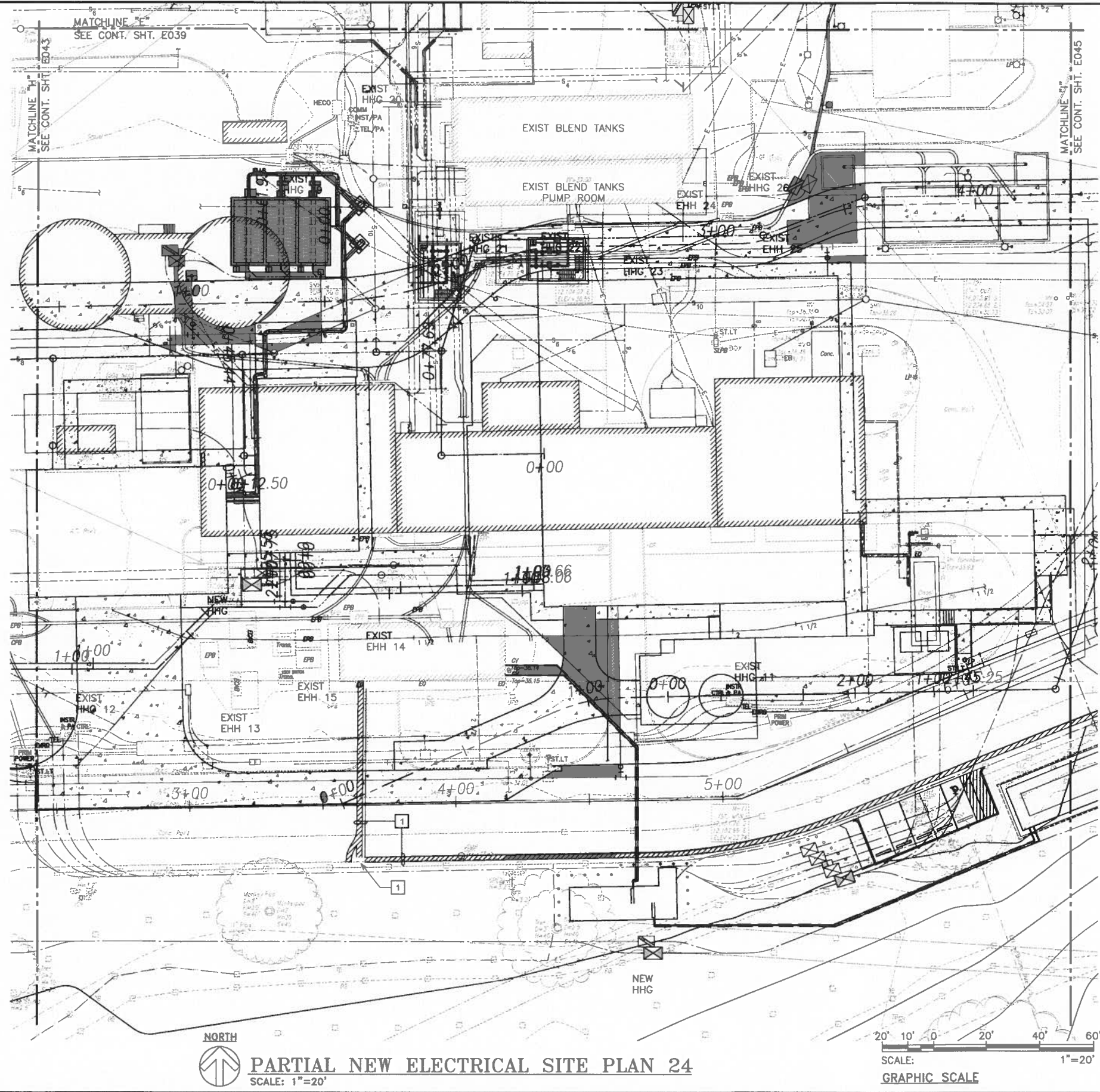
SIGNATURE

2017.07.25

4/30/18

EXPIRATION DATE OF THE LICENSE

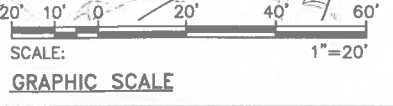
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NOTE(S):

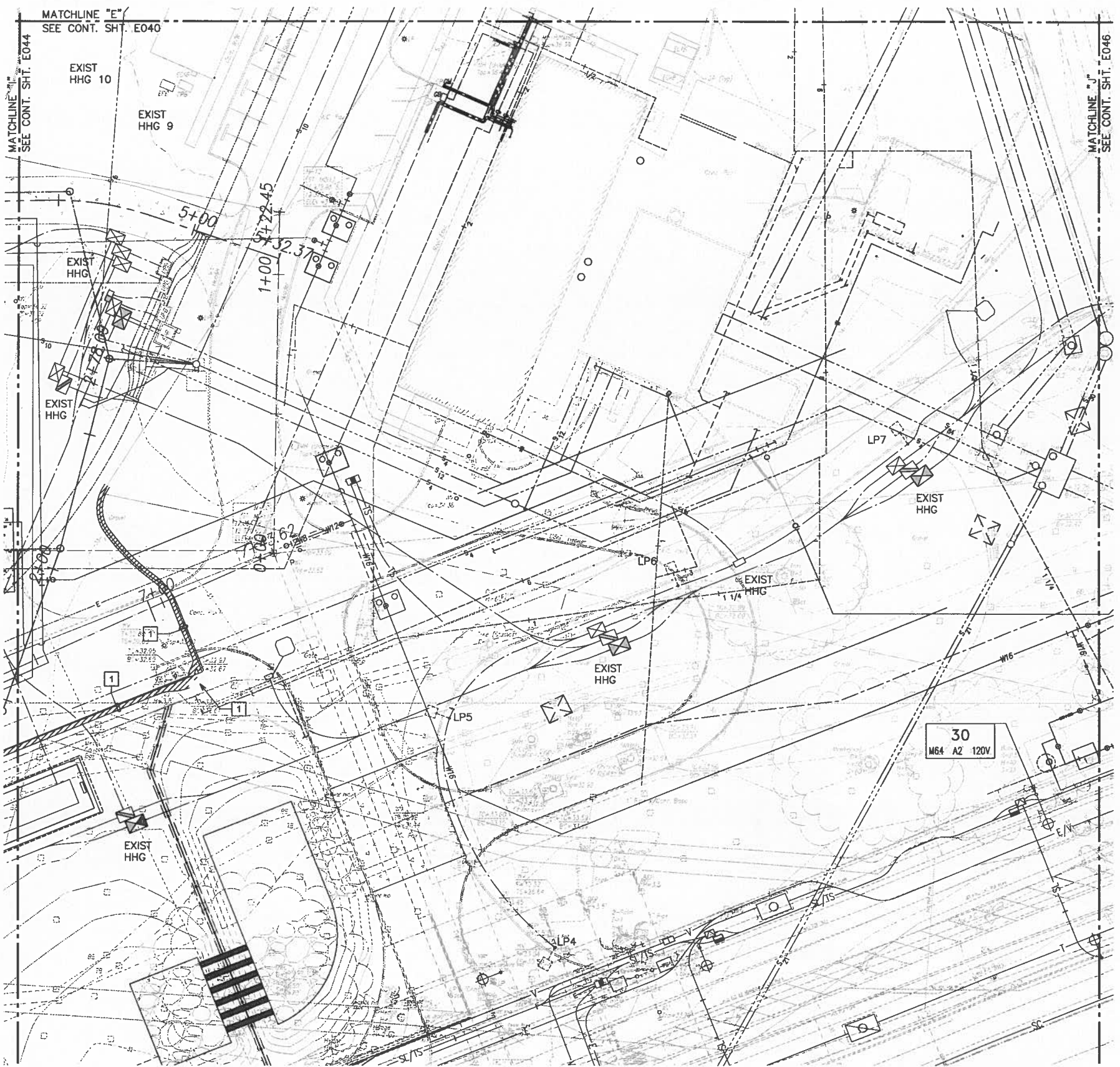
- 1 EXIST ELECTRICAL DUCTS AND HANDHOLES PROVIDED BY, "HONOLULU WWTP RETURN FLOW PUMP STATION, JOB NO. WTD/TSB/028-FY-16".

PARTIAL NEW ELECTRICAL SITE PLAN 24
 SCALE: 1"=20'



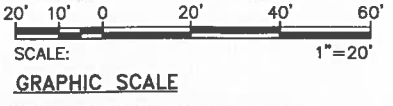
REVISION	DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU				
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII				
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 24				
DESIGNED BY:	S.E.	CHECKED BY:	DT	
DRAWN BY:	CAD	SECTION HEAD:		
APPROVED:		BRANCH HEAD:		
PRINCIPAL-IN-CHARGE		DATE		
2017.07.25 RONALD N. S. HO & ASSOC., INC. Electrical Engineers		SIGNATURE 4/30/18 EXPIRATION DATE OF THE LICENSE		
JOB NO. WX-XX				
FILE	DRAWN	FILE	POCKET	FOLDER

Tue, 25 Jul 2017 - 12:02pm
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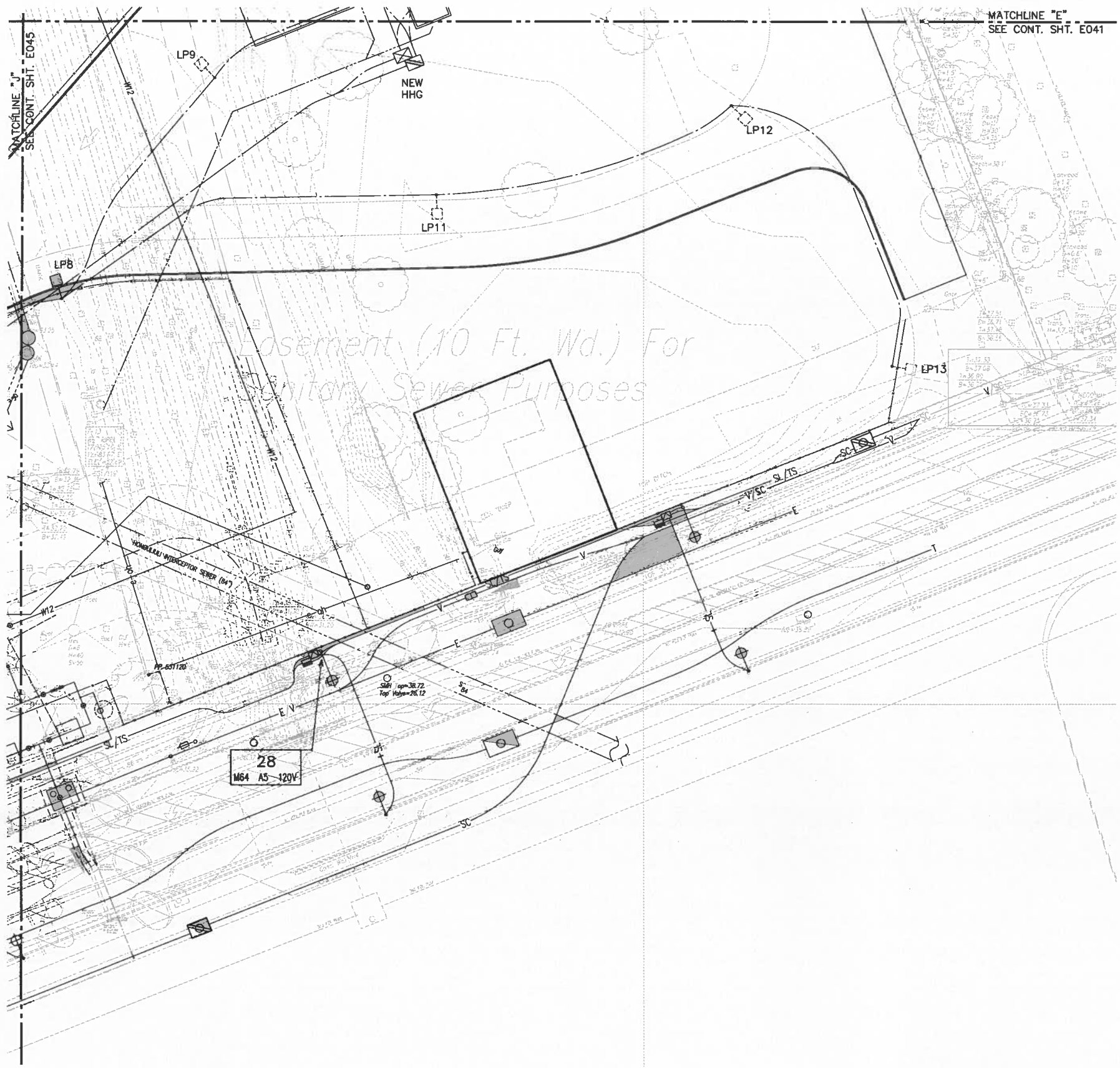
NOTE(S):
 1 EXIST ELECTRICAL DUCTS AND HANDHOLES PROVIDED BY, "HONOLULU WWTP RETURN FLOW PUMP STATION, JOB NO. WTD/TSB/028-FY-16".

PARTIAL NEW ELECTRICAL SITE PLAN 25
 SCALE: 1"=20'



REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 25					
DESIGNED BY:	SJA	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
SIGNATURE		DATE			
PRINCIPAL-IN-CHARGE RONALD N. S. HO & ASSOC., INC. Electrical Engineers		2017.07.25 4/30/18			
JOB NO. WX-XX					
FILE	DRAWING	FILE	PROJECT	FOLDER	FILE

Tue, 25 Jul 2017 - 2:11pm
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NORTH

PARTIAL NEW ELECTRICAL SITE PLAN 26
 SCALE: 1"=20'

20' 10' 0 20' 40' 60'
 SCALE: 1"=20'
GRAPHIC SCALE

REVISION		DATE	BRIEF	BY	APPROVED
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU					
PROJECT: HONOLULU WWTP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII					
ITEM: PARTIAL NEW ELECTRICAL SITE PLAN 26					
DESIGNED BY:	SS	CHECKED BY:	DT		
DRAWN BY:	CAD	SECTION HEAD:			
APPROVED:		BRANCH HEAD:			
JOB NO. WX-XX					
FILE	DRAWN	FILE	PROJECT	FOLDER	NO.

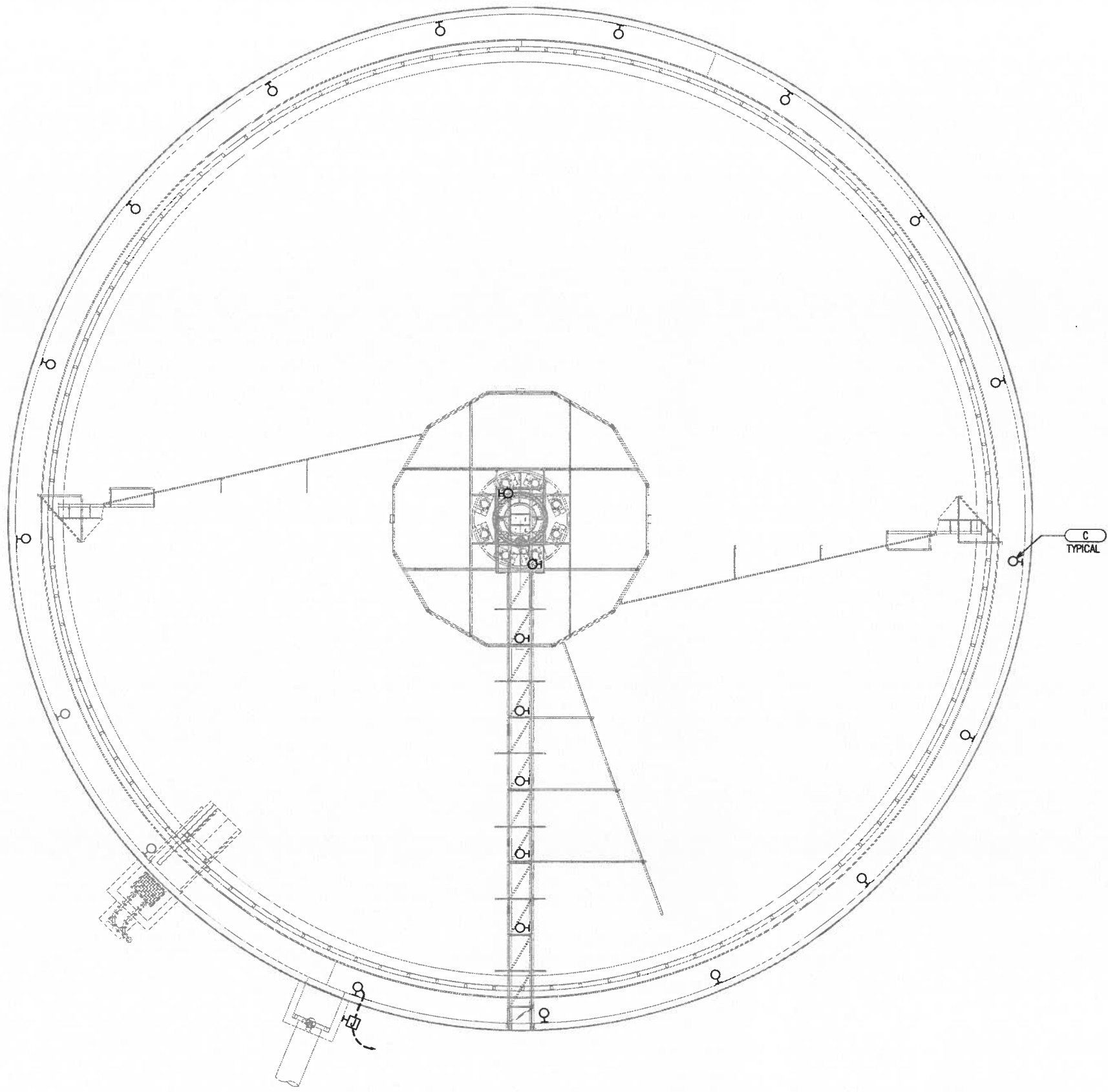
PRINCIPAL-IN-CHARGE

2017.07.25
 RONALD N. S. HO & ASSOC., INC.
 Electrical Engineers

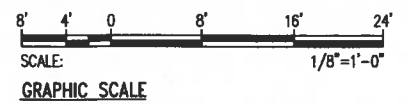
SIGNATURE

2017.07.25
 4/30/18
 EXPIRATION DATE OF THE LICENSE

Tue, 25 Jul 2017 - 2:33pm
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SECONDARY CLARIFIER 1 TOP - NEW LIGHTING PLAN
 (SECONDARY CLARIFIERS 2,3,4,5,6 SIMILAR)
 SCALE: 1/8"=1'-0"



REVISION	DATE	BY	APPROVED	
WASTEWATER DIVISION DEPARTMENT OF DESIGN & CONSTRUCTION CITY AND COUNTY OF HONOLULU				
PROJECT: HONOLULU WWP SECONDARY TREATMENT PHASE 1B - SECONDARY COMPLIANCE FACILITIES HONOLULU, EWA, OAHU, HAWAII				
ITEM: SECONDARY CLARIFIER TOP - NEW ELECTRICAL PLAN				
DESIGNED BY: <u>SE</u>	CHECKED BY: <u>DT</u>			
DRAWN BY: <u>CAD</u>	SECTION HEAD:			
APPROVED:	BRANCH HEAD:			
JOB NO. WX-XX				
PRINCIPAL-IN-CHARGE RONALD N. S. HO & ASSOC., INC. Electrical Engineers		SIGNATURE: _____ DATE: 4/30/18 <small>EXPIRATION DATE OF THE LICENSE</small>		
FILE	DRAWING	FILE	PROJECT	FOLDER