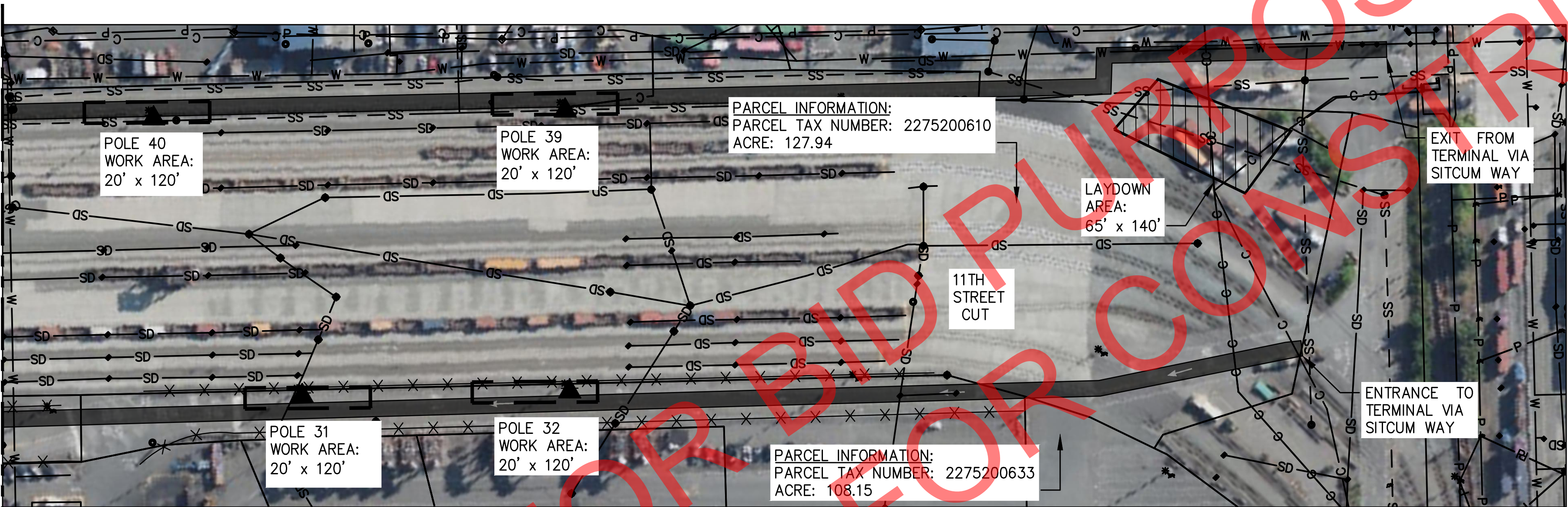




LIGHT POLE HORIZONTAL CONTROL POINTS		
POINT	NORTHING	EASTING
POLE 29	712414.58	1165701.51
POLE 31	712082.16	1166061.83
POLE 32	711902.64	1166244.69
POLE 39	712094.15	1166433.12
POLE 40	712369.81	1166151.52
POLE 41	712635.41	1165878.70
POLE 42	712858.52	1165643.30
POLE 44	713266.27	1165226.92
POLE 45	713474.50	1165017.50
POLE 55	713072.33	1165024.57

PIER 7-NIM YARD
SCALE: 1" = 60'

SITE NOTES

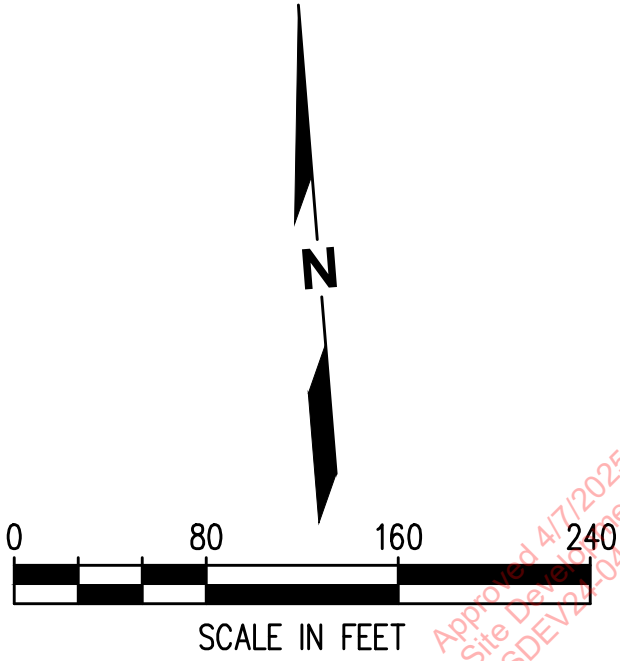
- CONTRACTOR SHALL ASSUME POLE AND WORK AREA ACCESS WILL BE PERIMETER SERVICE ROADS. CONTRACTOR SHALL BE PERMITTED TO USE WATER CUT FOR CROSSING FROM NORTH ROAD TO SOUTH ROAD. ACCESS TO JUPITER AND TOWER CUTS IS NOT PERMITTED.
- CONTRACTOR MAY BE PROVIDED ACCESS FROM THE INTERMODAL YARD AS ALLOWED BY ENGINEER, BUY YARD OPERATIONS AND RAIL SAFETY SUPERSEDE CONSTRUCTION ACCESS.
- NORTHERN MOST TRACK TO BE OUT OF SERVICE DURING NORTHERN LIGHT POLE REPLACEMENTS. SOUTHERN MOST TRACK TO BE OUT OF SERVICE DURING SOUTHERN LIGHT POLE REPLACEMENTS.

GENERAL NOTES

- THE ENGINEER AND/OR TENANT SHALL PROVIDE CLEAR LAYDOWN AND POLE WORK AREAS FREE OF CONTAINERS, EQUIPMENT, AND GENERAL OPERATIONAL MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY LOCATION OF ECOLOGY BLOCKS.
- THE SIZE OF EACH POLE WORK AREA SHALL BE AGREED UPON OR MODIFIED BY THE CONTRACTOR AND PORT PRIOR TO SITE MOBILIZATION.

LEGEND

- LIGHT POLE LOCATION, SEE S1.01 FOR SCHEDULE
- ACCESS THROUGH SITE
- WORKING LIMITS
- LAYDOWN AREA 1 / C8.01
- INLET PROTECTION
- FENCE
- PROPERTY LINE
- EXISTING POWER LINES
- EXISTING COMMUNICATION LINES
- EXISTING STORM LINES
- EXISTING SANITARY SEWER LINES
- OHWM
- 50' OHWM BUFFER
- 200' OHWM BUFFER
- FEMA 100 YEAR FLOOD PLAIN



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Tacoma, Washington 98407
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APPROVED:	JAV 03/03/2025	CHECKED BY:	DATE
	SWK 03/03/2025	PROJECT ENGR	DATE
	DIRECTOR ENG. DATE	PROJECT ENGR	DATE
	PRINTED BY: Ivossos Mar 03, 2025	PORT ADDRESS:	ONE SITCUM WAY
			TACOMA, WA, 98421
			DRAWING SCALE:
			PARCEL:
			PERMIT SET
			PHASE:

6691

C6.01

21 OF 39

CON/CONS: 07196

W.D: 201748.01

PHASE: PERMIT SET

PORT OF TACOMA

WOOD LIGHT POLE REPLACEMENT

PARCEL 27 (NIM)

#

RANGE: 03E

TOWNSHIP: 21N

SECTION: 34

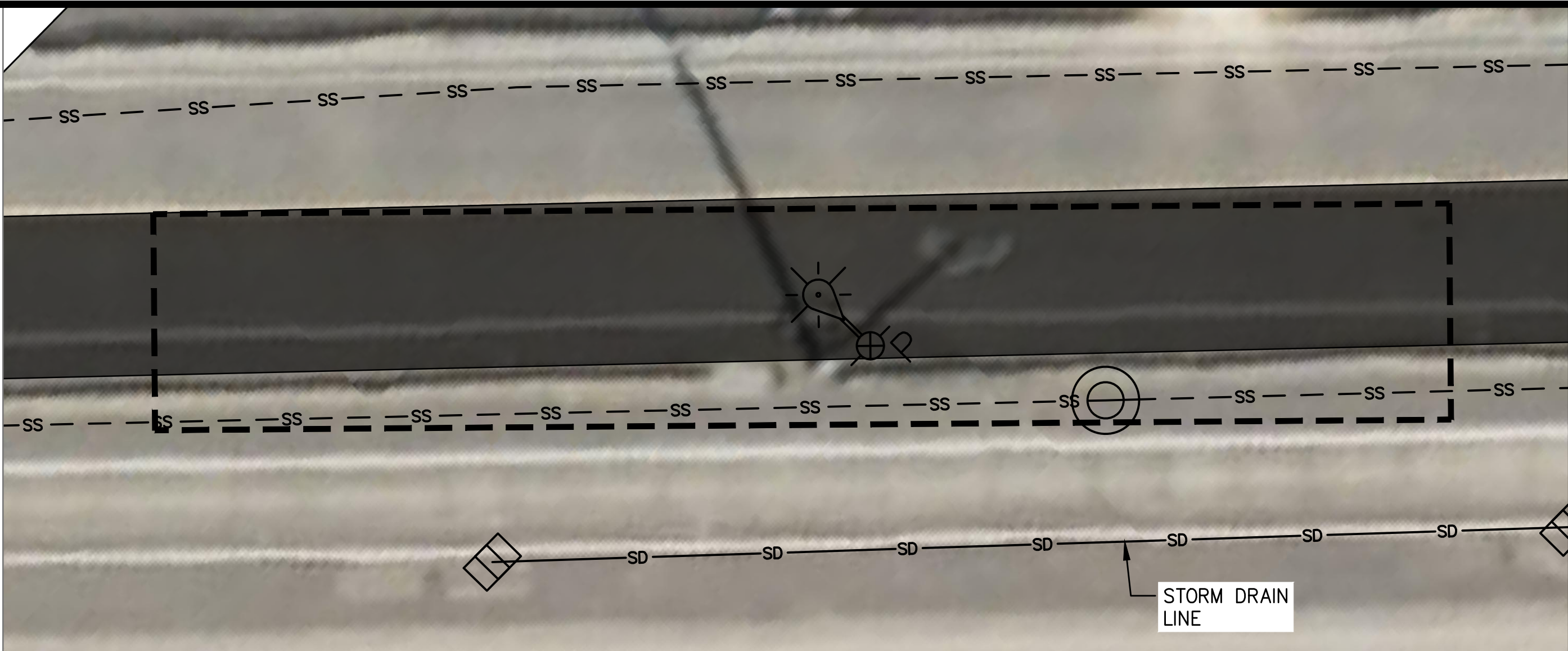
DAT-HRZ:

VERT:

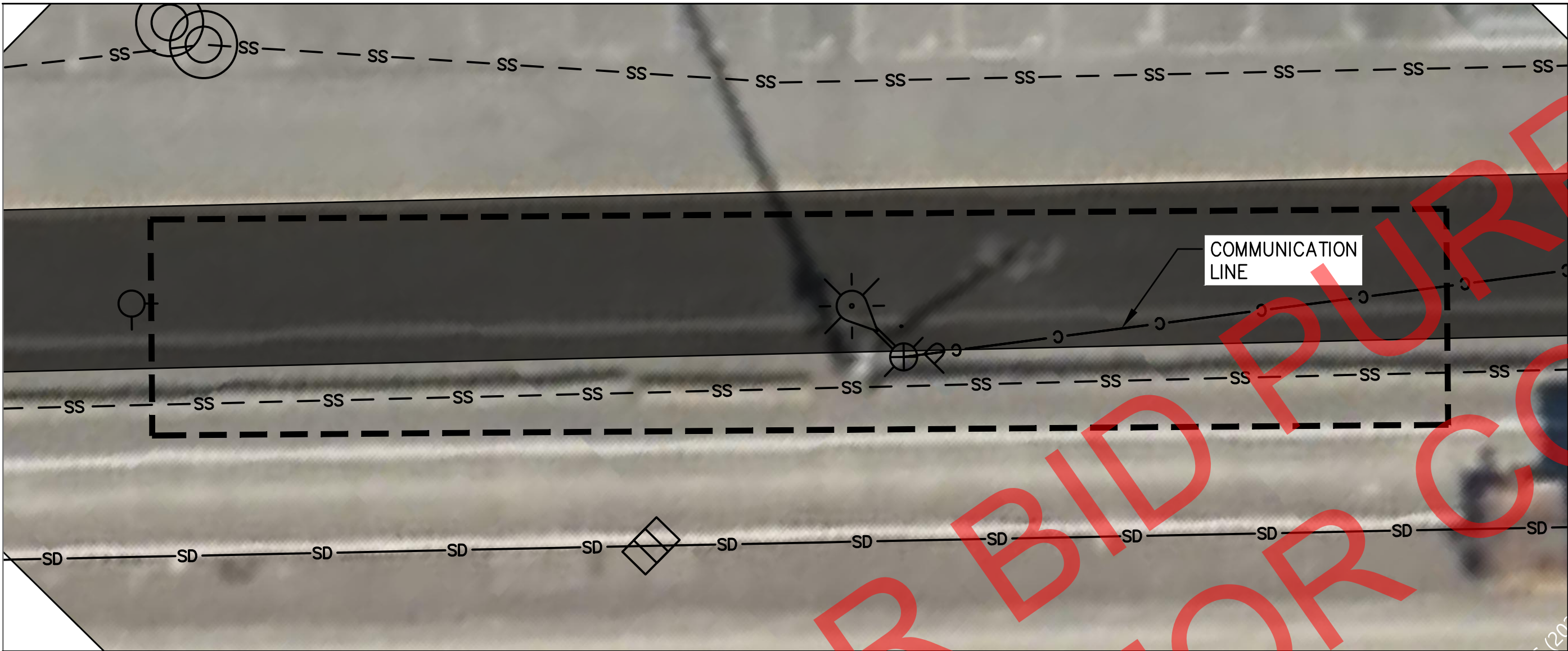
DRAWING SCALE:

PARCEL:

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POLE 40 ENLARGED PLANS
SCALE: 1" = 10'



POLE 39 ENLARGED PLANS
SCALE: 1" = 10'

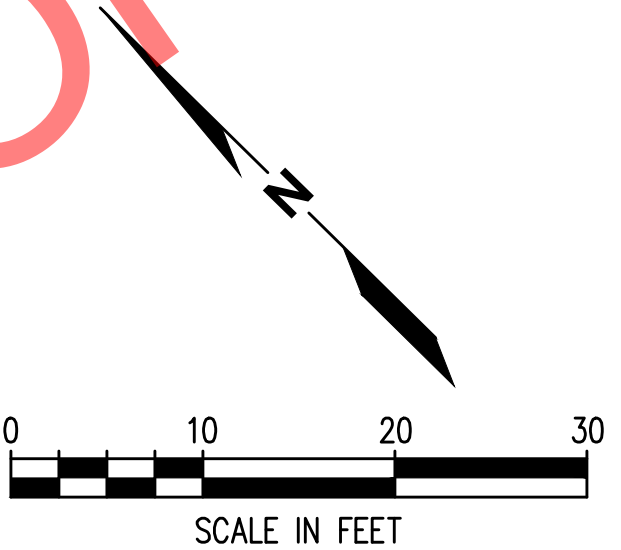
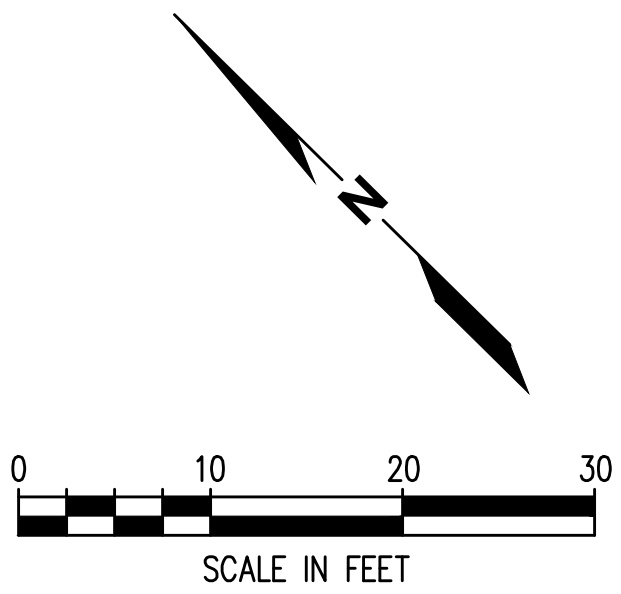
LEGEND

- LIGHT POLE
- WORKING LIMITS
- BURIED FIBER OPTIC
- SD STORM DRAIN
- SS SEWER LINE
- E BURIED POWER
- AP OVERHEAD POWER
- W TRACKS
- WATER LINE
- PROPERTY LINE

Critical Area Review (TMC 19 and 18.11) APPROVED WITH CONDITIONS
The project is proposing to replace light poles in the same location and in some locations it is proposed to relocate light poles in new locations. The attached SSDP Exemption (LU20-0052) was issued on April 6, 2020 with an expiration date 5 years after issuance, which is April 6th, 2025. The Port submitted for Programmatic SSDP Exemption application (LU24-0108) with work that include light pole maintenance. The SSDP Exemption was issued on February 25th, 2025 and the conditions of this SSDP Exemption apply to this project. You must upload the new SSDP Exemption letter (LU24-0108) follow the conditions and advisory comments in that SSDP Exemption letter. The following conditions and advisory comments from the current SSDP Exemption (LU24-0108) must be adhered to:

Conditions:

1. The applicant shall follow all proposed installation and construction methods and best management practices for minimizing unintended impacts during the repair and maintenance.
2. Appropriate best management practices will be used to prevent any runoff or deleterious material from entering Commencement Bay.
3. Construction material or debris shall be promptly removed and disposed of in an appropriate upland location.
4. The applicant shall notify the City of Tacoma and pertinent state or federal agencies in the event of an unexpected spill of fuel or other chemicals into the waterway.
5. The repair work must conform to state and federal in-water work windows and accompanying conditions.
6. Vegetation shall not be removed along the shoreline except when located within the outfall structures or when impeding the functionality of these structures; the city shall be contacted prior to any removal not specifically approved through this exemption letter.
7. A copy of all permits required by or approvals provided by Washington State Department of Fish and Wildlife (WDFW), Department of Ecology (ECY), and U.S. Army Corps of Engineers (USACE) shall be provided to the City.
8. This exemption shall be valid for a period not to exceed five years from the date of issuance. Should the TSMP be revised prior to the completion of this project, additional review may be required.
9. Any activities permitted under this SSDP exemption must ensure no net loss and should not necessitate mitigation to counterbalance impacts. If mitigation is required, a plan must be submitted to the City for approval before any work commences.
10. Advisory Comments:
 - This permit is only applicable to the proposed project as described above and based upon the information submitted by the applicant. Future activities or development within regulated state waters or the 200-foot shoreline jurisdiction may be subject to further review and additional permits or exemptions as required in accordance with TMC 19.
 - The City of Tacoma is not the only agency with jurisdiction over the project area. The applicant is responsible for coordinating any required reviews and/or approvals with the WDFW, ECY, and USACE and shall provide documentation to the City of Tacoma.
 - All proposed locations for replacement must be lawfully established development.
 - The applicant shall apply for and receive approval of any required building or site development permit from the City of Tacoma prior to any work.



POLE 40 PHOTO
NTS



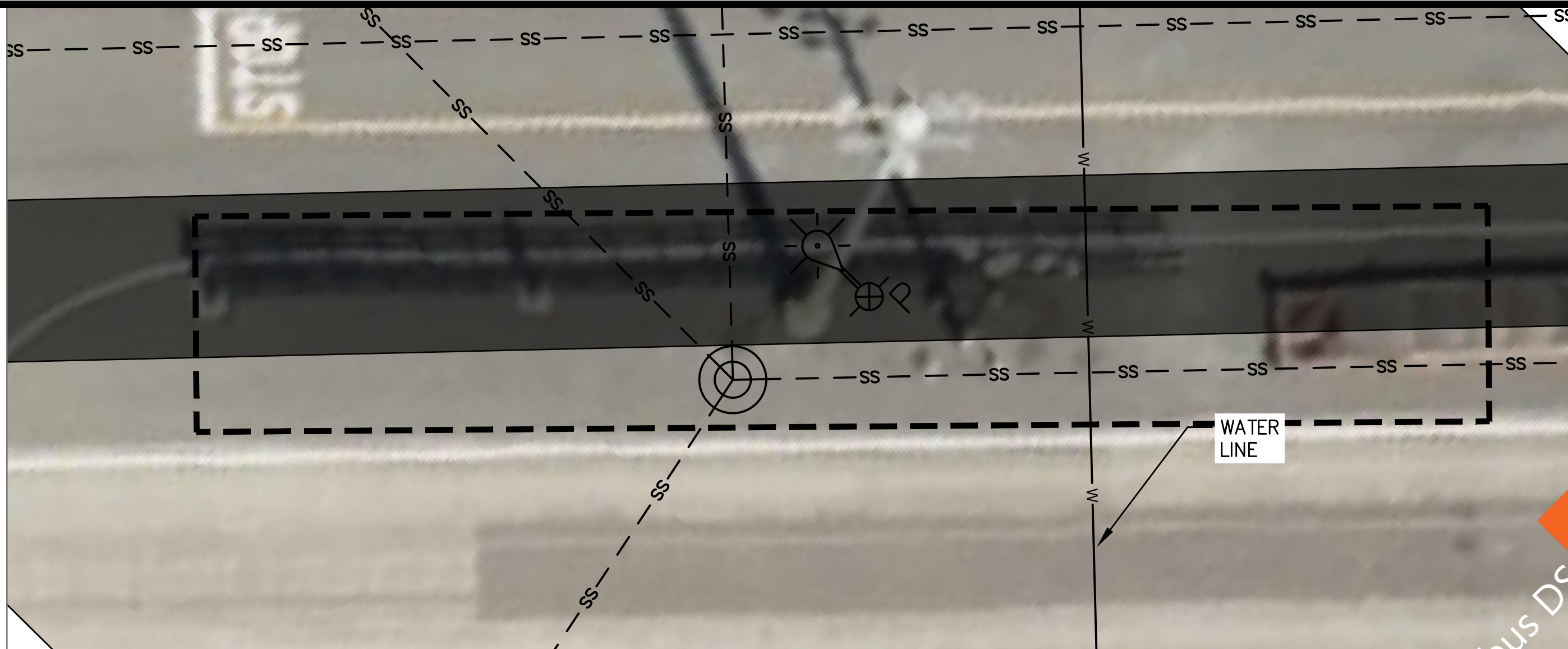
POLE 39 PHOTO
NTS

3
C8.01
CONTRACTOR TO REMOVE AND REPLACE BOLLARDS AS NECESSARY FOR CONSTRUCTION.

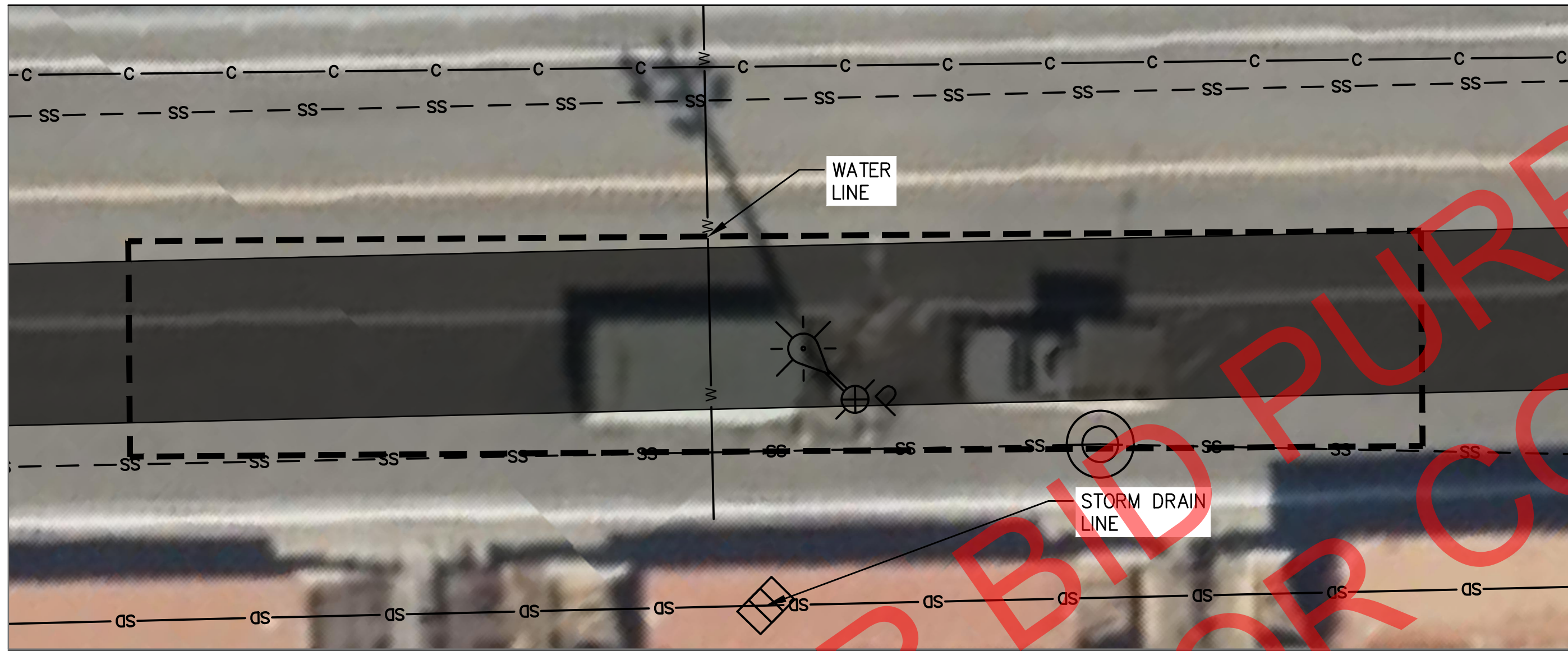
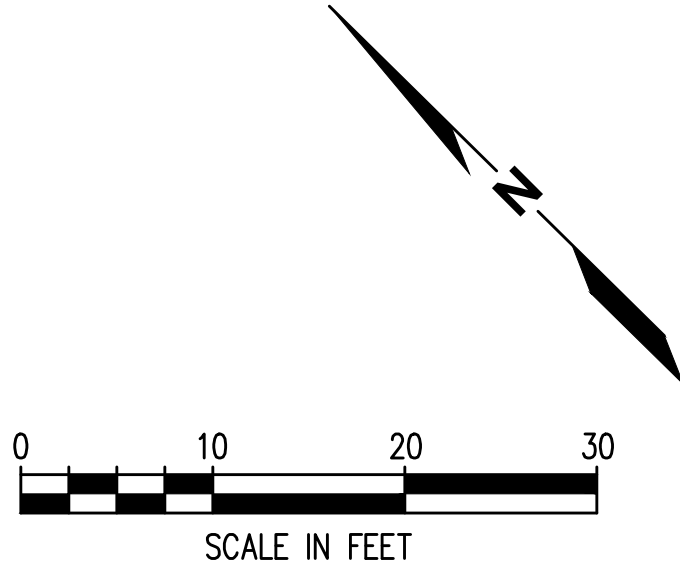
3
C8.01
CONTRACTOR TO REMOVE AND REPLACE BOLLARDS AS NECESSARY FOR CONSTRUCTION.

C6.02 22 OF 39 CONT./CONS: 07196 M.D: 201748.01 PHASE: PERMIT SET	PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT PARCEL 27 (NIM) POLE PLANS TOWNSHIP: 21N DAT-HRZ: PARCEL:	APPROVED:	JAV	03/03/2025	CHECKED BY	DATE
			SWK	03/03/2025	PROJ. ENGR	DATE
			PRINTED BY:	jvossos	Mar 03, 2025	
			PORT ADDRESS:	ONE SITCUM WAY TACOMA, WA, 98421		
DRAWING SCALE:		MARK:	REVISION:	BY:	DATE:	
APPR:		DATE:				
P.O. BOX 187 TACOMA, WA 98401 (203)38-9841		Port of Tacoma				

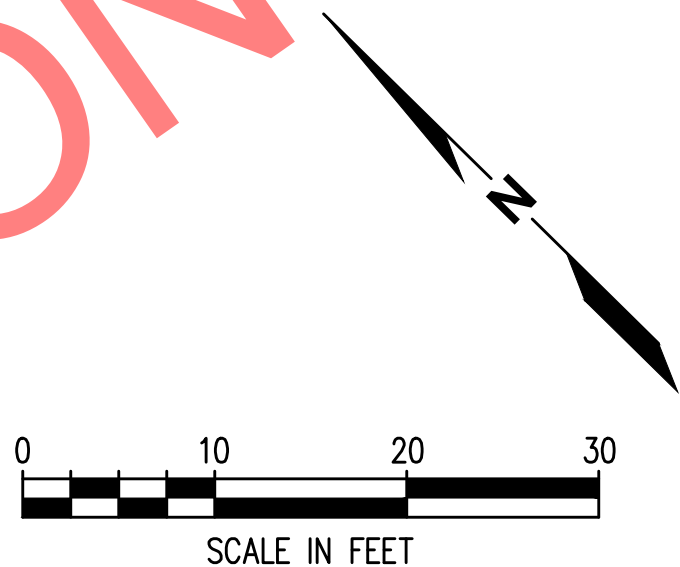
Approved 4/7/2025
Site development
SDLV24-022025
Reviewed for
City of Tacoma
Permit to Construct



POLE 45 ENLARGED PLANS
SCALE: 1" = 10'



POLE 44 ENLARGED PLANS
SCALE: 1" = 10'



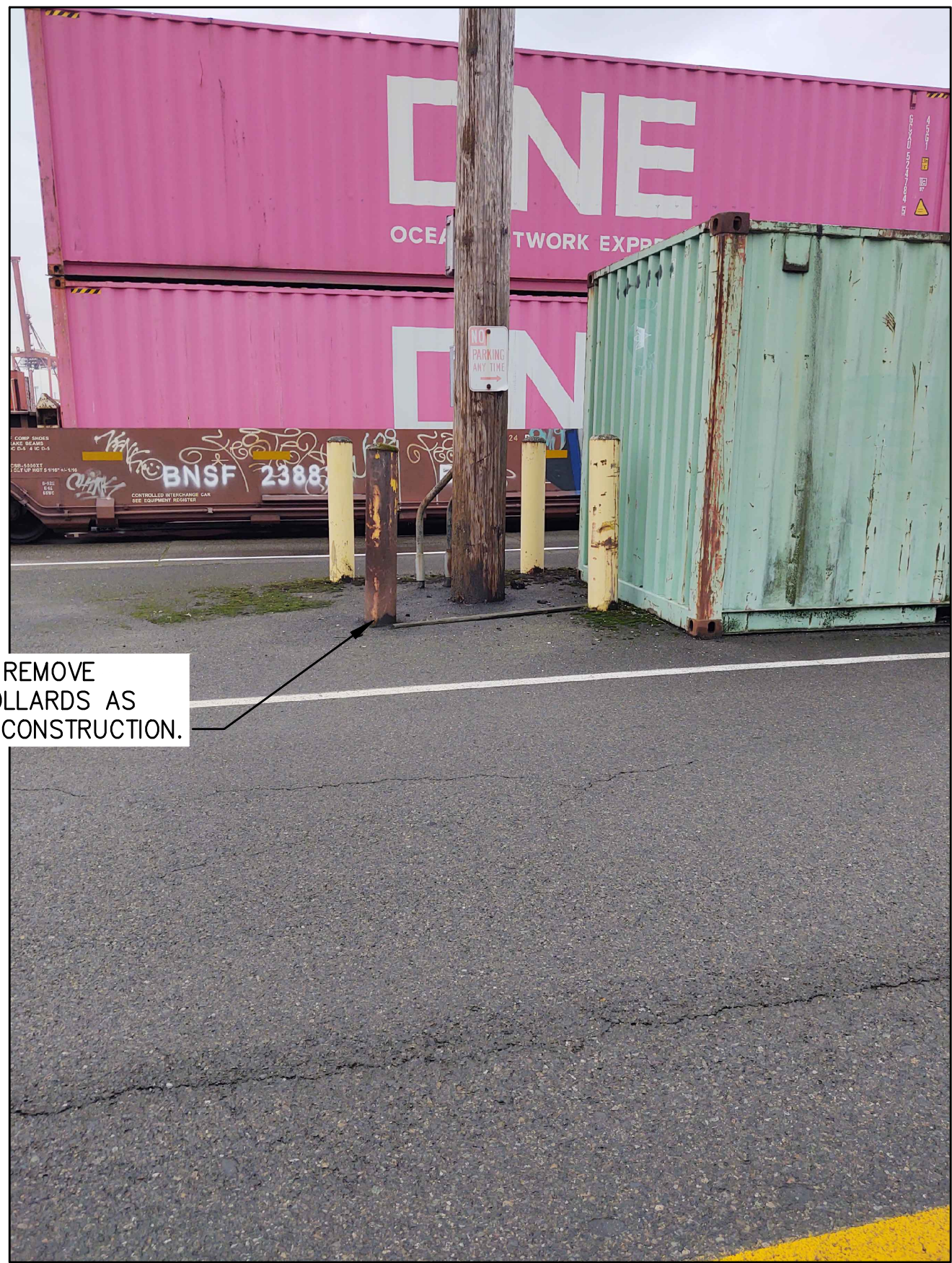
LEGEND

- LIGHT POLE
- WORKING LIMITS
- BURIED FIBER OPTIC
- STORM DRAIN
- SEWER LINE
- BURIED POWER
- OVERHEAD POWER
- TRACKS
- WATER LINE
- PROPERTY LINE



POLE 45 PHOTO
NTS

2 S2.01 4 C8.01 5 C8.01



POLE 44 PHOTO
NTS

2 S2.01 4 C8.01 5 C8.01

C6.03 23 OF 39	PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT PARCEL 27 (NIM) POLE PLANS	APPROVED:	JAV	03/03/2025
		CHECKED BY	DATE	
CONT/CONS: 07196	TOWNSHIP: 21N	DIRECTOR ENG. DATE	SWK	03/03/2025
W.D: 201748.01	RANGE: 03E	PRINTED BY: jvossos	PROJ. ENGR	DATE
PHASE: PERMIT SET	DAT-HRZ:	PORT ADDRESS: ONE SITCUM WAY		
	PARCEL:	VERT:		
	DRAWING SCALE:		TACOMA, WA, 98421	
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Port of Tacoma 2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162 P.O. BOX 187 TACOMA, WA 98401 (203)38-9641		kprff	MARK:	REVISION:
			BY:	DATE:
			APPR:	

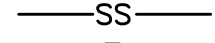
LEGEND

- 

LIGHT POLE
- 

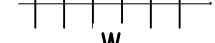
WORKING LIMITS
- 

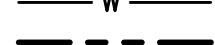
BFO BURIED FIBER OPTIC
- 

SD STORM DRAIN
- 

SS SEWER LINE
- 

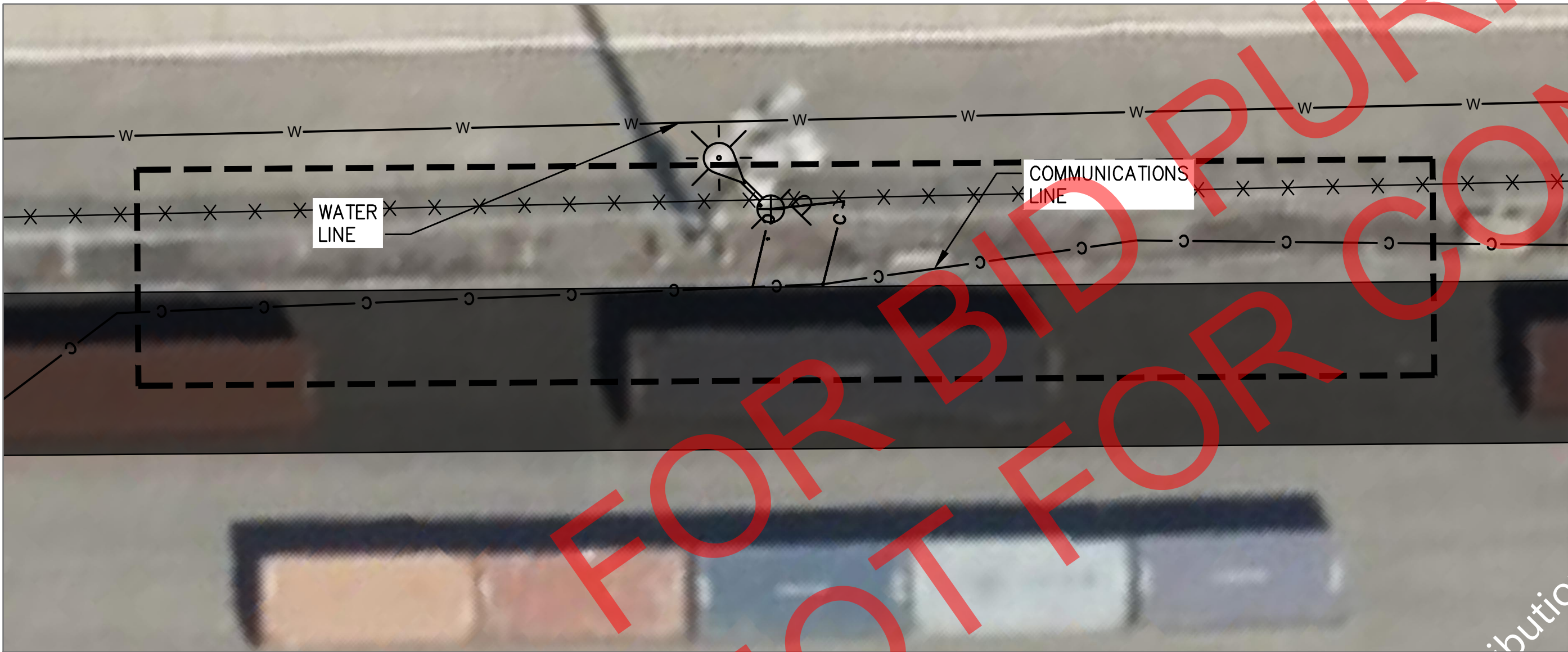
E BURIED POWER
- 

AP OVERHEAD POWER
- 

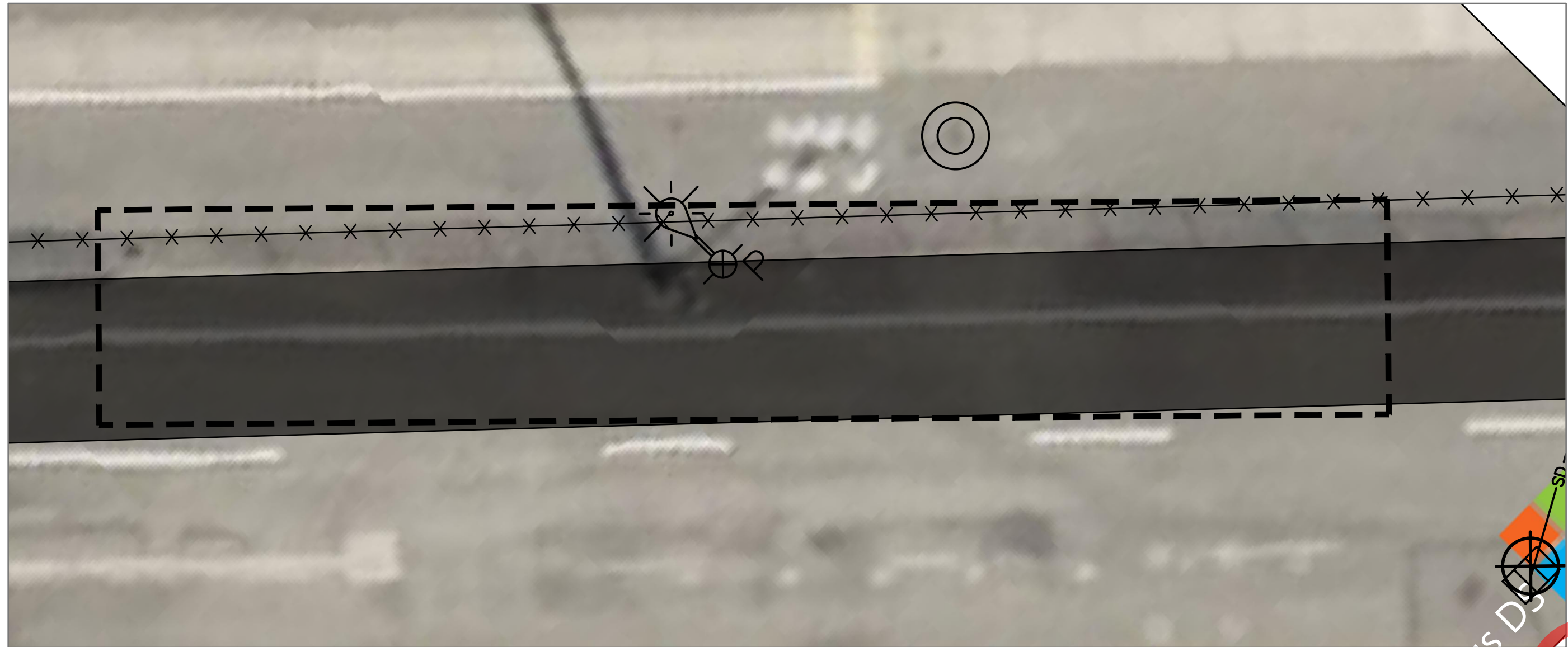
TRACKS
- 

W WATER LINE
- 

PROPERTY LINE

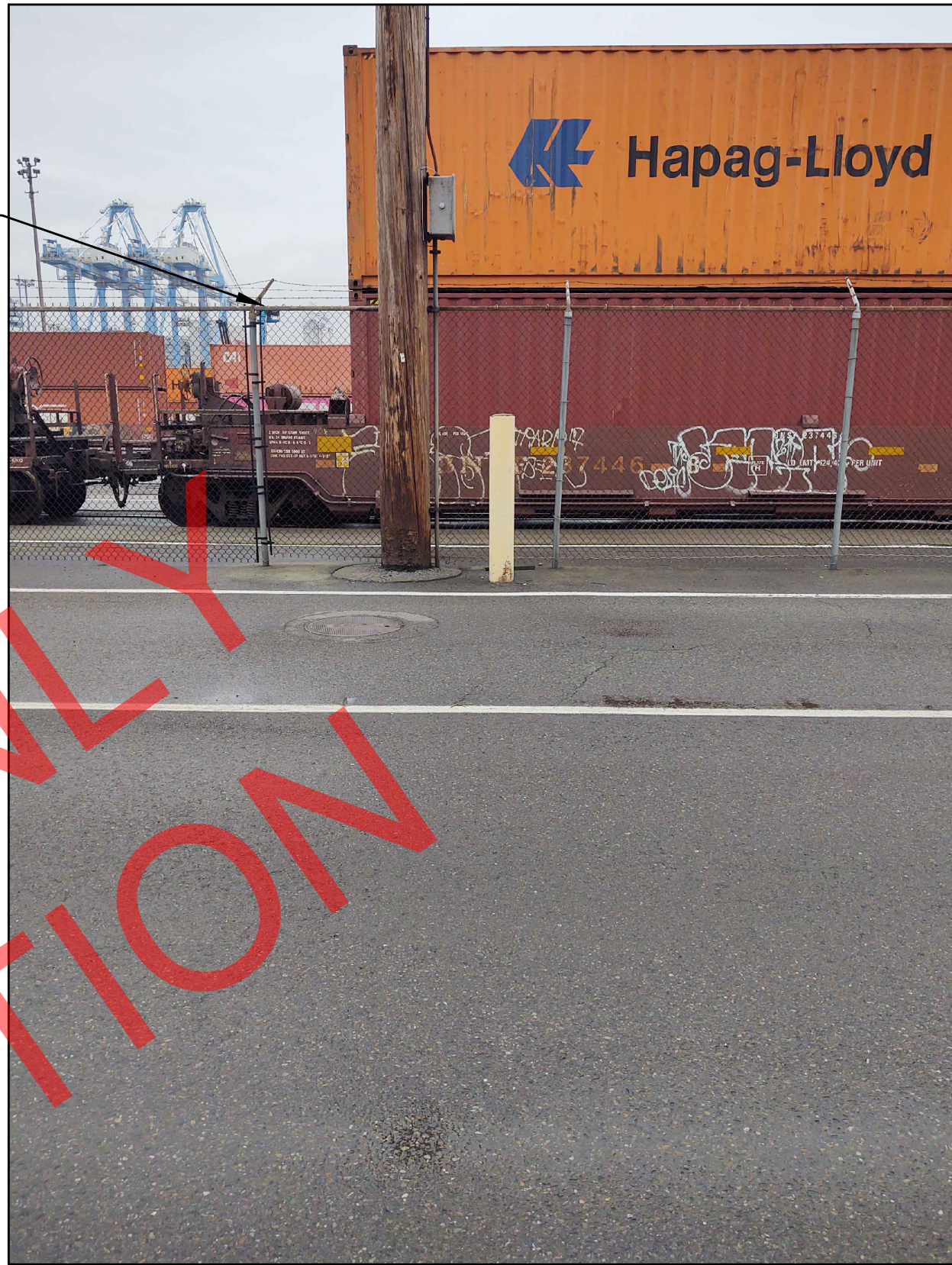


POLE 55 ENLARGED PLANS
SCALE: 1" = 10'



POLE 29 ENLARGED PLANS
SCALE: 1" = 10'

CONTRACTOR TO REMOVE
AND REPLACE
FENCE IN-KIND AS
NECESSARY.



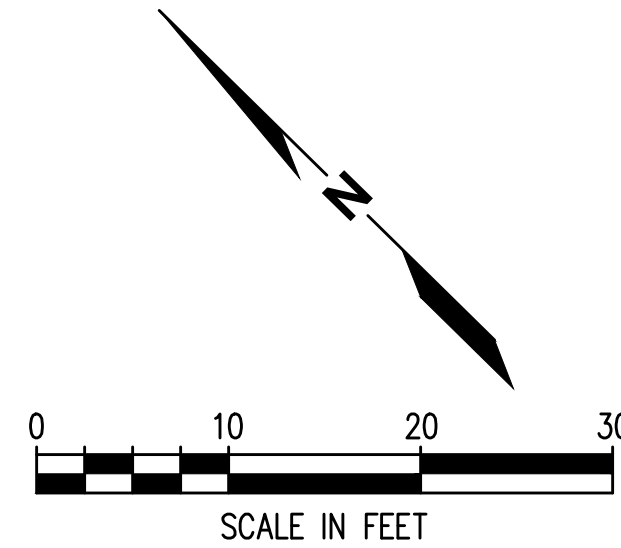
POLE 29 PHOTO
NTS

CONTRACTOR TO REMOVE
AND REPLACE
FENCE IN-KIND AS
NECESSARY.

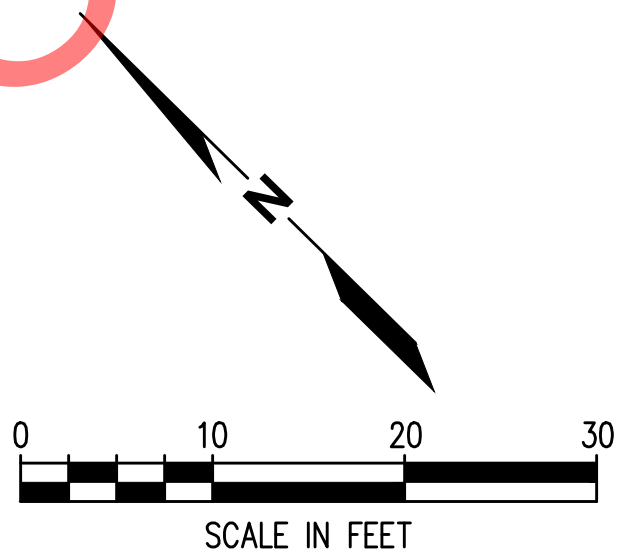


POLE 55 PHOTO
NTS

C6.04 24 OF 39	PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT PARCEL 27 (NIM) POLE PLANS				JAV	03/03/2025									
	CONT./CONS: 07196	TOWNSHIP: 21N	RANGE: 03E	SECTION: 34	CHECKED BY	DATE									
	W.D: 201748.01	DAT-HRZ:	VERT:	DIRECTOR ENG. DATE	SWK	03/03/2025									
	PHASE: PERMIT SET	PARCEL:	DRAWING SCALE:	PRINTED BY: jvossos	PROJ. ENGR	DATE									
6691				TACOMA, WA, 98421		APPROVED:	ONE SITCOM WAY	PORT ADDRESS:	DATE	BY:	REVISION:	MARK:	DATE:		
Approved 4/7/2025 Site development SDS\24-022				City of Tacoma Reviewed for				Port of Tacoma 2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162 P.O. BOX 187 TACOMA, WA 98401 (203)38-9841				lpff			



POLE 42 ENLARGED PLANS



POLE 41 ENLARGED PLANS
SCALE: 1" = 10'

- # LEGEND
- 

LIGHT POLE
- 

WORKING LIMITS
- 

BURIED FIBER OPTIC
- 

STORM DRAIN
- 

SEWER LINE
- 

BURIED POWER
- 

OVERHEAD POWER
- 

TRACKS
- 

WATER LINE
- 

PROPERTY LINE



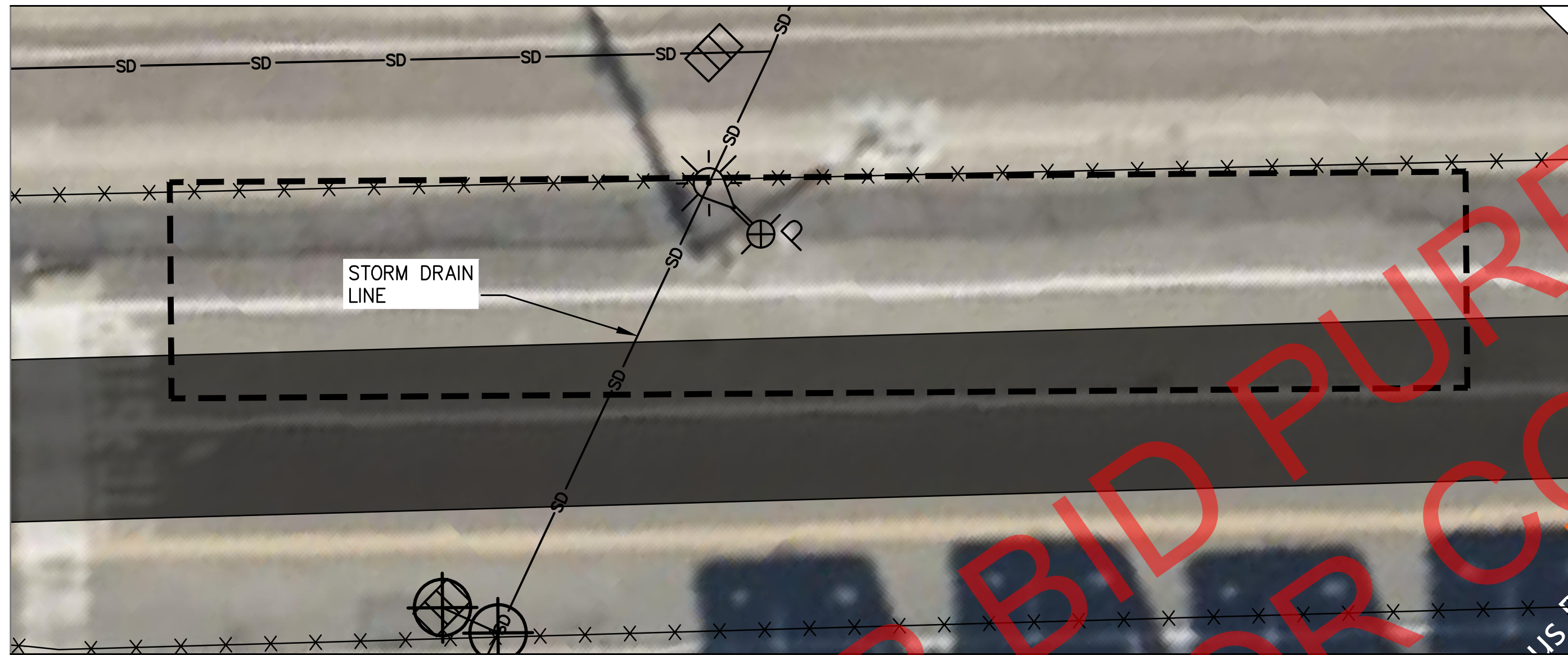
POLE 42 PHOTO
SCALE: 1" = 10'



POLE 41 PHOTO
NTS

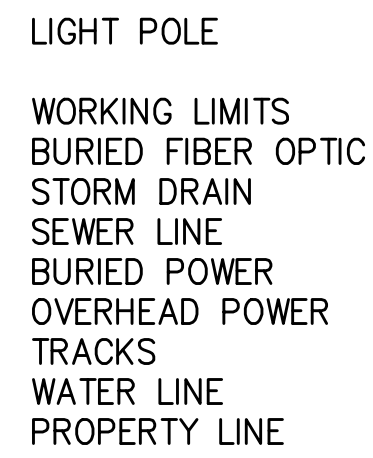
6691	PORT OF TACOMA		WOOD LIGHT POLE REPLACEMENT		APPROVED:		JAV 03/03/2025							
C6.05	PARCEL 27 (NIM)		POLE PLANS		DIRECTOR ENG. DATE		SWK 03/03/2025							
25 OF 39	TOWNSHIP: 21N		RANGE: 03E		SECTION: 34		PRINTED BY: Jossos Mar 03, 2025							
WJD: 201148.01	DAT-HRZ:		VERT:		PORT ADDRESS: ONE SITCUM WAY		TACOMA, WA, 98421							
PHASE: PERMIT SET	PARCEL:		DRAWING SCALE:											

25 OF
CONT/CONT
MID: 20
PHASE:



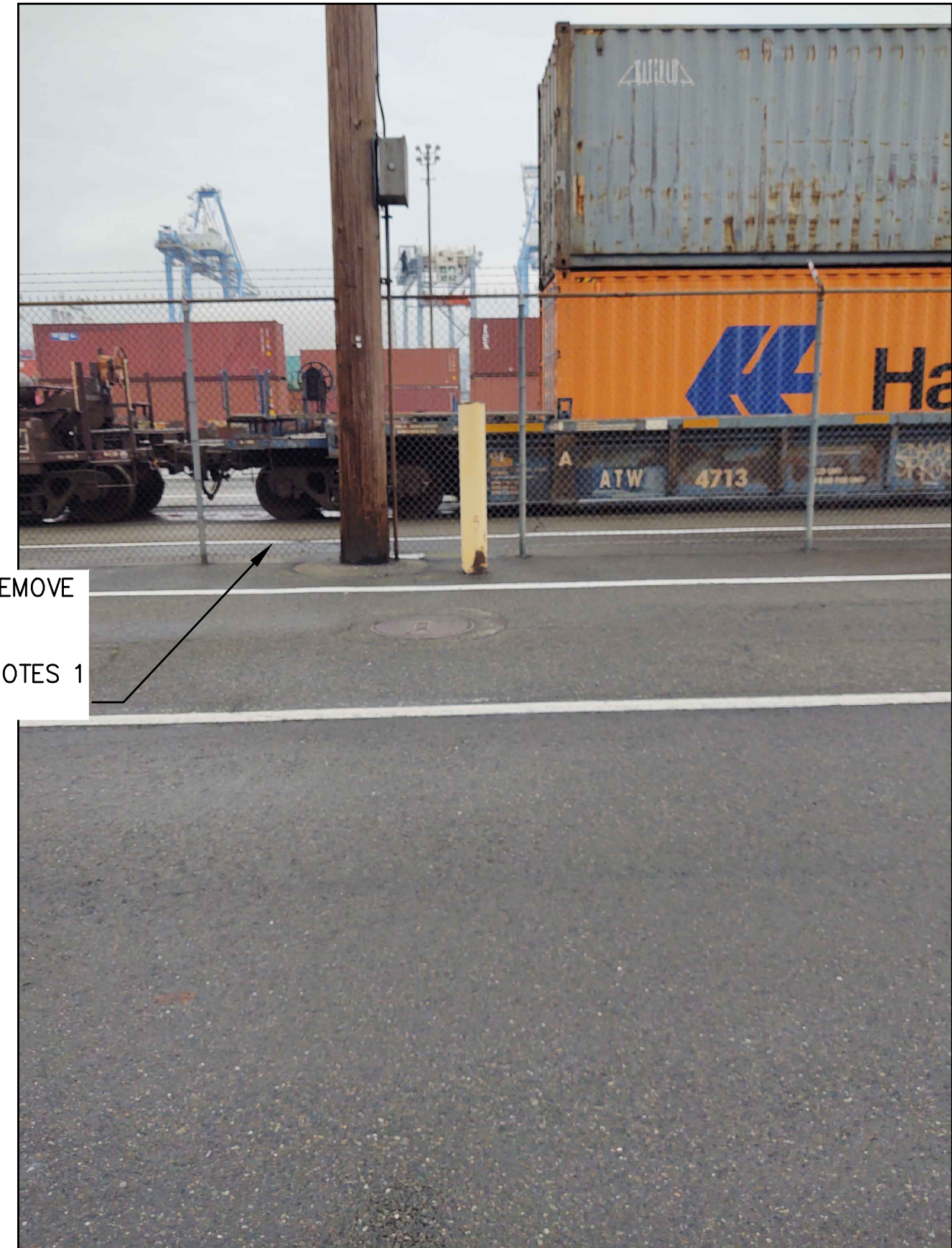
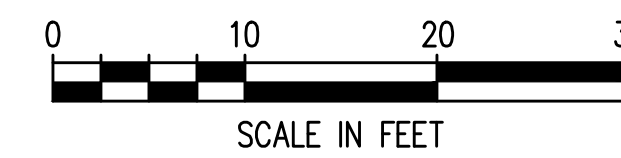
POLE 31 ENLARGED PLANS

SCALE: 1" = 10'



1. IF SECURE PERIMETER IS OPENED, CONTRACTOR SHALL PROVIDE CONTINUOUS SECURITY AND MONITORING.
2. TEMPORARY FENCE PANELS MATCHING THE EXISTING PANELS MAY BE LOCKED IN PLACE TO RESTORE SEWER PERIMETER.

CONTRACTOR TO REMOVE
AND REPLACE
FENCE IN-KIND AS
NECESSARY. SEE NOTES 1
AND 2.

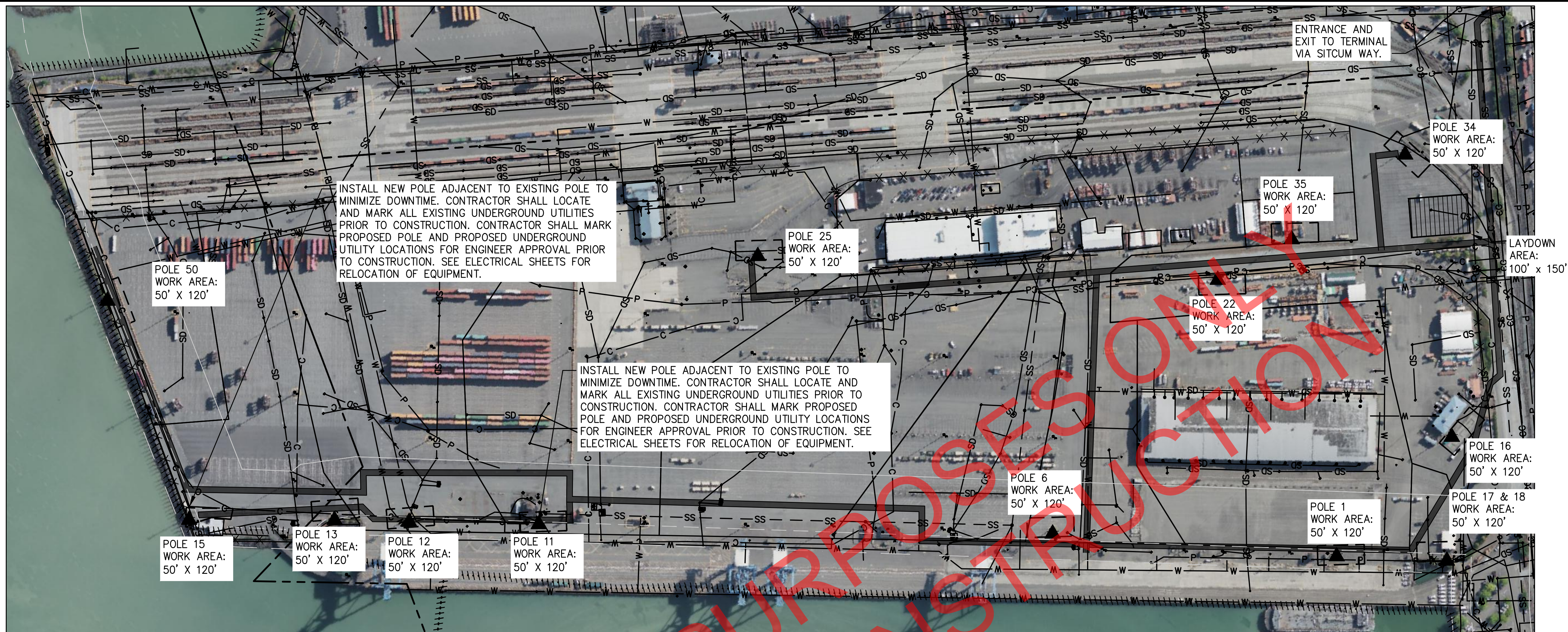


POLE 31 PHOTO

NTS

6691		PORT OF TACOMA		APPROVED:		JAV 03/03/2025				2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax: (253) 396-0162 P.O. BOX 1837 TACOMA, WA 98401 (253)83-5841					
C6.06		WOOD LIGHT POLE REPLACEMENT		CHECKED BY DATE											
26 OF 39		PARCEL 27 (NIM)		SWK 03/03/2025											
TOWNSHIP: 21N		RANGE: 03E		SECTION: 34											
DATE-HRZ: 201148.01		VERT:		PRINTED BY: Jossos Mar 03, 2025											
PERMIT SET		DRAWING SCALE:		PORT ADDRESS: ONE SITUUM WAY		TACOMA, WA, 98421		MARK:		REVISION:		BY:		DATE:	

26 OF	CONT/CONT
	MID: 200
	PHASE:



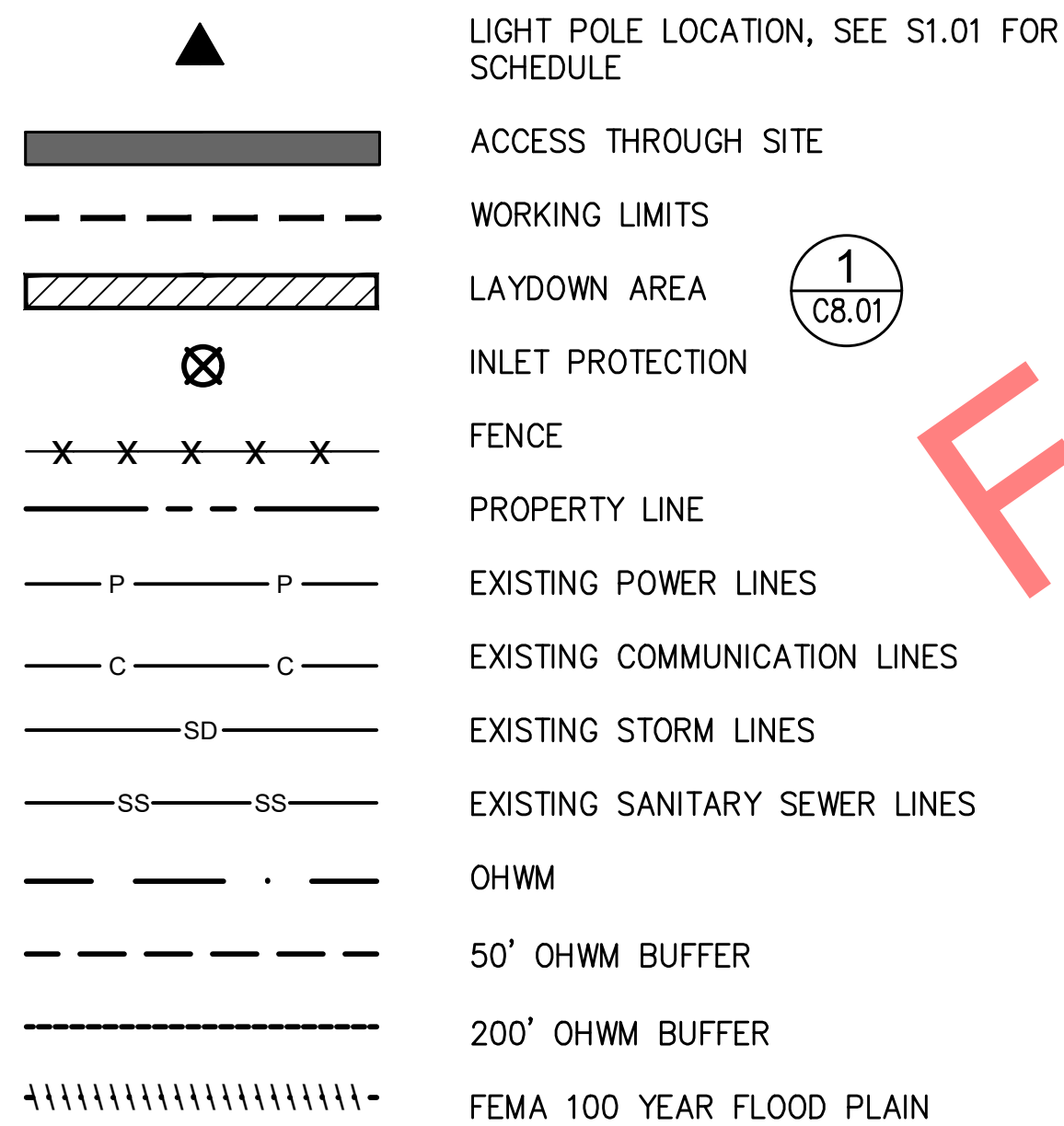
PARCEL 27 (TERMINAL 7)

SCALE: 1" = 150'

PARCEL INFORMATION

PARCEL TAX NUMBER: 2275200633
ACRE: 108.15

LEGEND

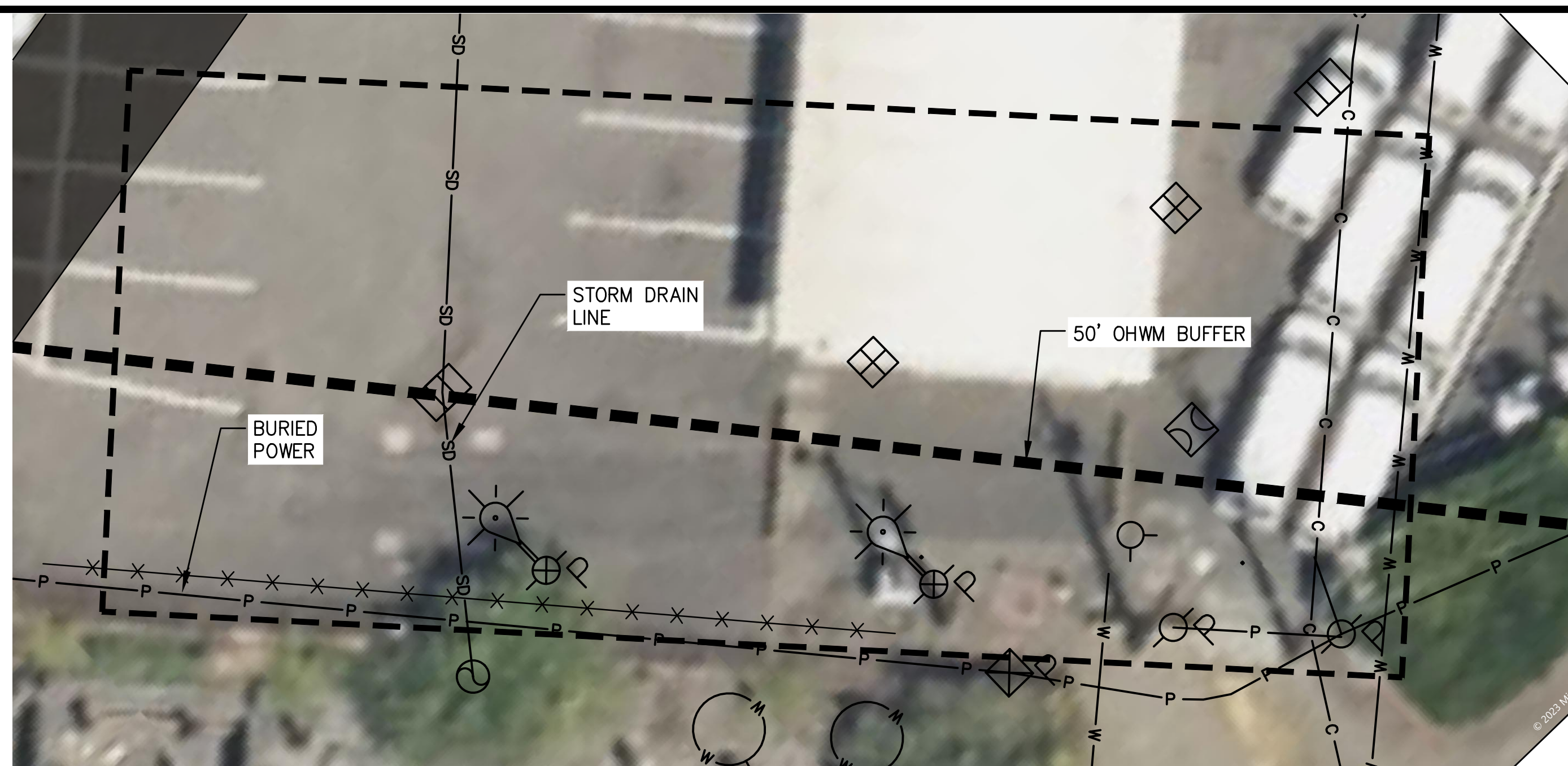


LIGHT POLE HORIZONTAL CONTROL POINTS		
POINT	NORTHING	EASTING
POLE 1	710882.69	1165700.54
POLE 6	711466.38	1165261.45
POLE 11	712468.60	1164406.25
POLE 12	712721.52	1164190.46
POLE 13	712867.84	1164067.27
POLE 15	713147.15	1163820.22
POLE 16	710864.66	1166125.36
POLE 17	710689.33	1165854.50
POLE 18	710663.59	1165879.32
POLE 22	711581.03	1166029.35
POLE 25	712504.10	1165293.45
POLE 34	711434.03	1166588.34
POLE 35	711507.75	1166232.99
POLE 50	713676.51	1164102.31

GENERAL NOTES

1. THE ENGINEER AND/OR TENANT SHALL PROVIDE CLEAR LAYDOWN AND POLE WORK AREAS FREE OF CONTAINERS, EQUIPMENT, AND GENERAL OPERATIONAL MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY LOCATION OF ECOLOGY BLOCKS.
2. THE SIZE OF EACH POLE WORK AREA SHALL BE AGREED UPON OR MODIFIED BY THE CONTRACTOR AND PORT PRIOR TO SITE MOBILIZATION.



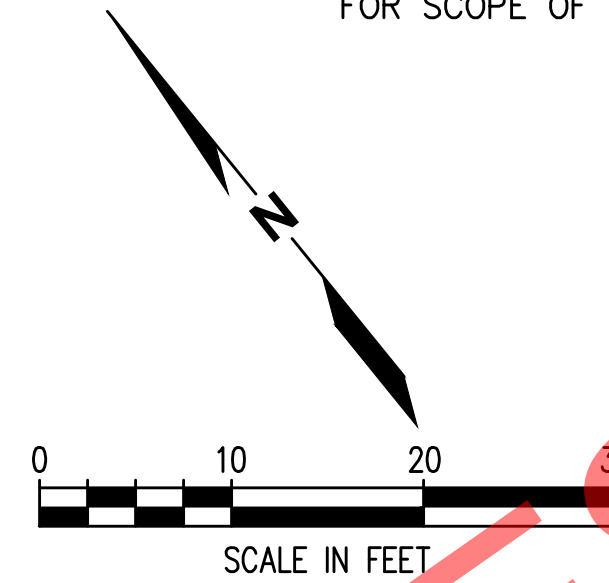


POLES 17 & 18 ENLARGED PLANS

POLES 17 AND 18 TO BE
REMOVED AND REPLACED
WITH ONE SINGLE POLE.
SEE ELECTRICAL SHEETS
FOR DETAILS.

BACKFILL ABANDONED
LOCATIONS PER DETAIL 6
ON C8.01.

EXISTING ELECTRICAL EQUIPMENT AND
OVERHEAD LINES. SEE ELECTRICAL
FOR SCOPE OF WORK.



POLES 17 & 18 PHOTO

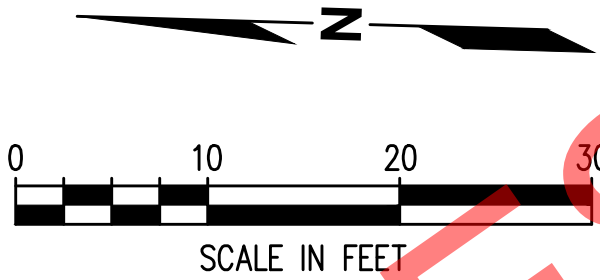
An aerial photograph of a road intersection with technical overlays. The image shows a road with a centerline and a crosswalk. A scale bar in the top right indicates 0 to 30 feet. A north arrow is also present. A large red diagonal watermark reads "FOR BID PURPOSES NOT FOR CONSTRUCTION". The text "S 17 & 18 ENLARGED PLANS" is visible in the top left corner.

6691		PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT PARCEL 27 (TERMINAL 7)				APPROVED:		JAV 03/03/2025		  2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162 P.O. BOX 1837 TACOMA, WA 98401 (253)395-5641							
28 OF 39		POLE PLANS				CHECKED BY DATE											
TOWNSHIP: 21N RANGE: 03E SECTION: 34		DIRECTOR ENG. DATE		SWK 03/03/2025													
DAT-HRZ: VERT:		PRINTED BY: Javossos Mar 03, 2025															
PHASE: PERMIT SET		DRAWING SCALE:		PORT ADDRESS: ONE SITCUM WAY TACOMA, WA, 98421						MARK:		REVISION:		BY:		DATE:	

DATE	PROJECT NO.	PROJECT NAME	PROJECT LOCATION
01/01/2025	123456789	123456789	123456789



POLE 34 ENLARGED PLANS
SCALE: 1" = 10'



3
C8.01

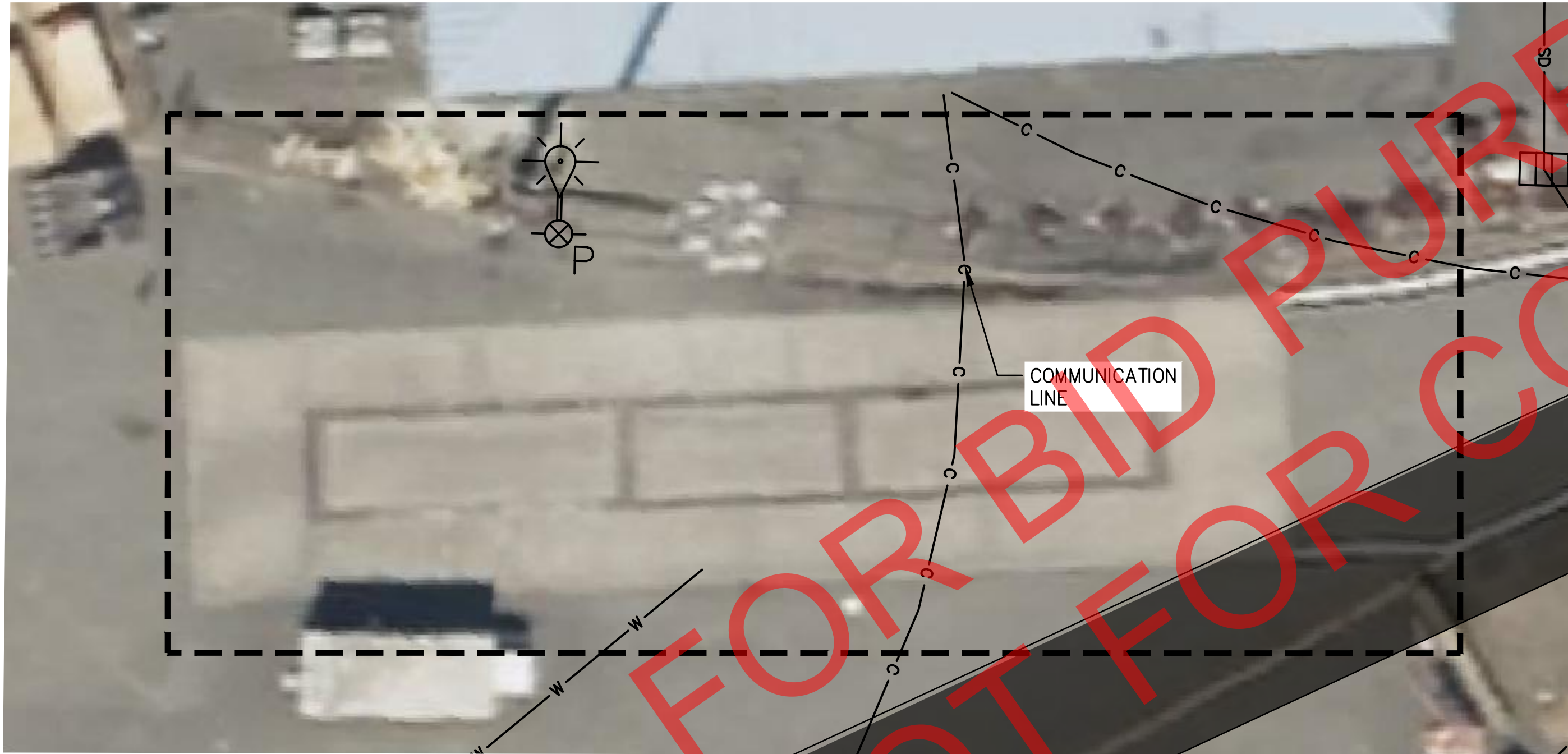
CONTRACTOR TO REMOVE
AND REPLACE BOLLARDS
AS NECESSARY FOR
CONSTRUCTION.

POLE 34 PHOTO
NTS

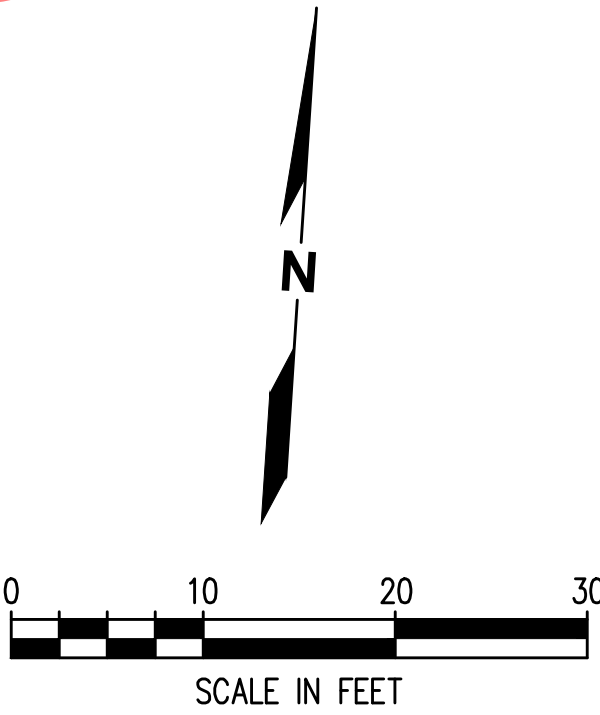
1
S2.01

4
C8.01

5
C8.01



POLE 16 ENLARGED PLANS
SCALE: 1" = 10'



3
C8.01

CONTRACTOR TO REMOVE
AND REPLACE BOLLARDS
AS NECESSARY FOR
CONSTRUCTION.



PROTECT EXISTING FENCE

POLE 16 PHOTO
NTS

2
S2.01

4
C8.01

5
C8.01

C7.03 6691	PORT OF TACOMA				APPROVED:	JAV	03/03/2025
	WOOD LIGHT POLE REPLACEMENT					CHECKED BY	DATE
	PARCEL 27 (TERMINAL 7)					SWK	03/03/2025
	POLE PLANS					PROJ. ENGR	DATE
29 OF 39	CONT./CONS: 07196	TOWNSHIP: 21N	RANGE: 03E	SECTION: 34	DIRECTOR ENG. DATE	PRINTED BY:	DATE
W.D: 201148.01		DAT-HRZ:	VERT:		PROJECTED BY:	DATE	
PHASE: PERMIT SET					PORT ADDRESS:	ONE SITUUM WAY	
						TACOMA, WA, 98421	
				DRAWING SCALE:			

Port of Tacoma
2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162
P.O. BOX 187 TACOMA, WA 98401 (203)358-9641

kpff

APPR: DATE:

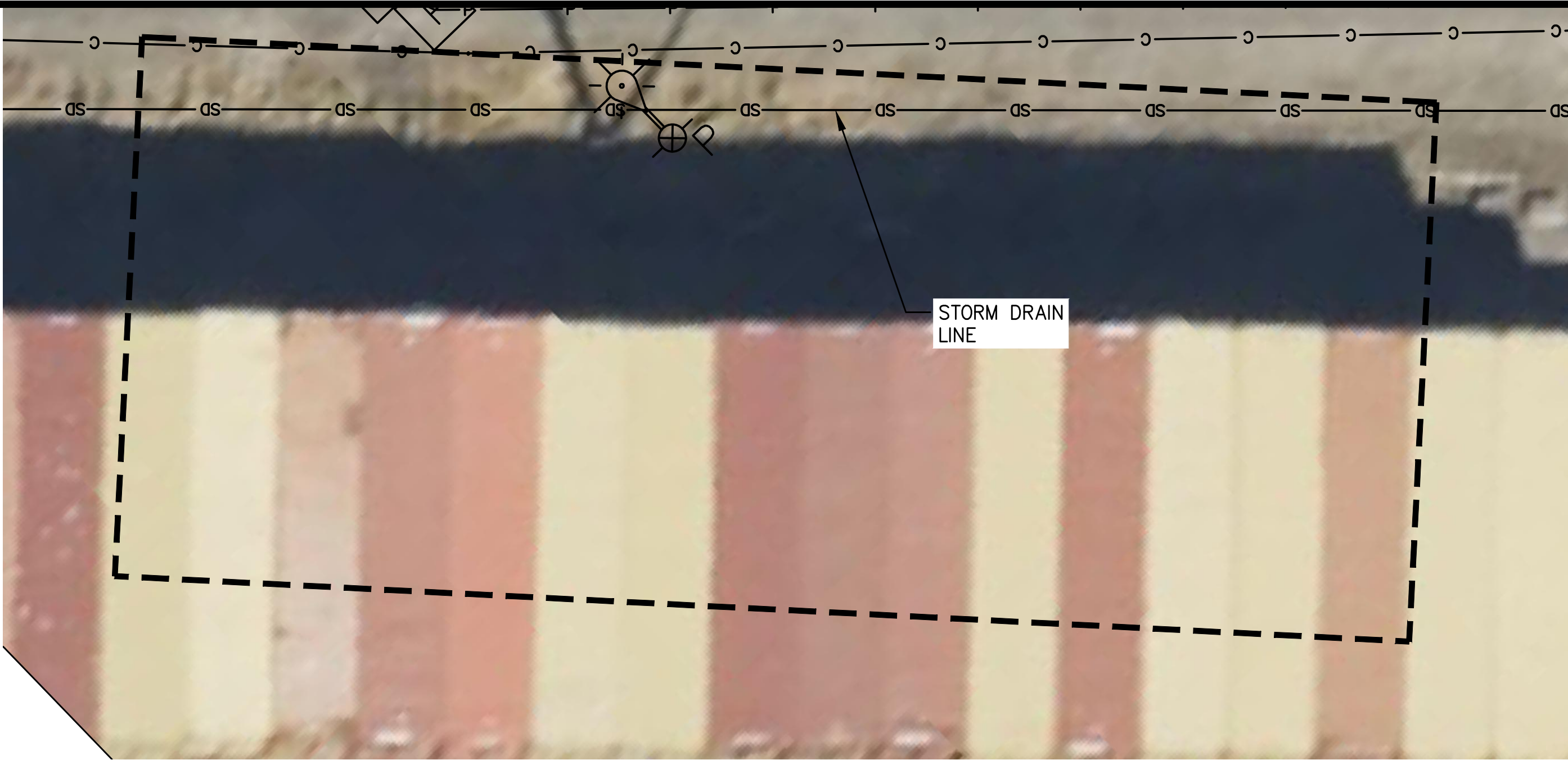
BY:

REVISION:

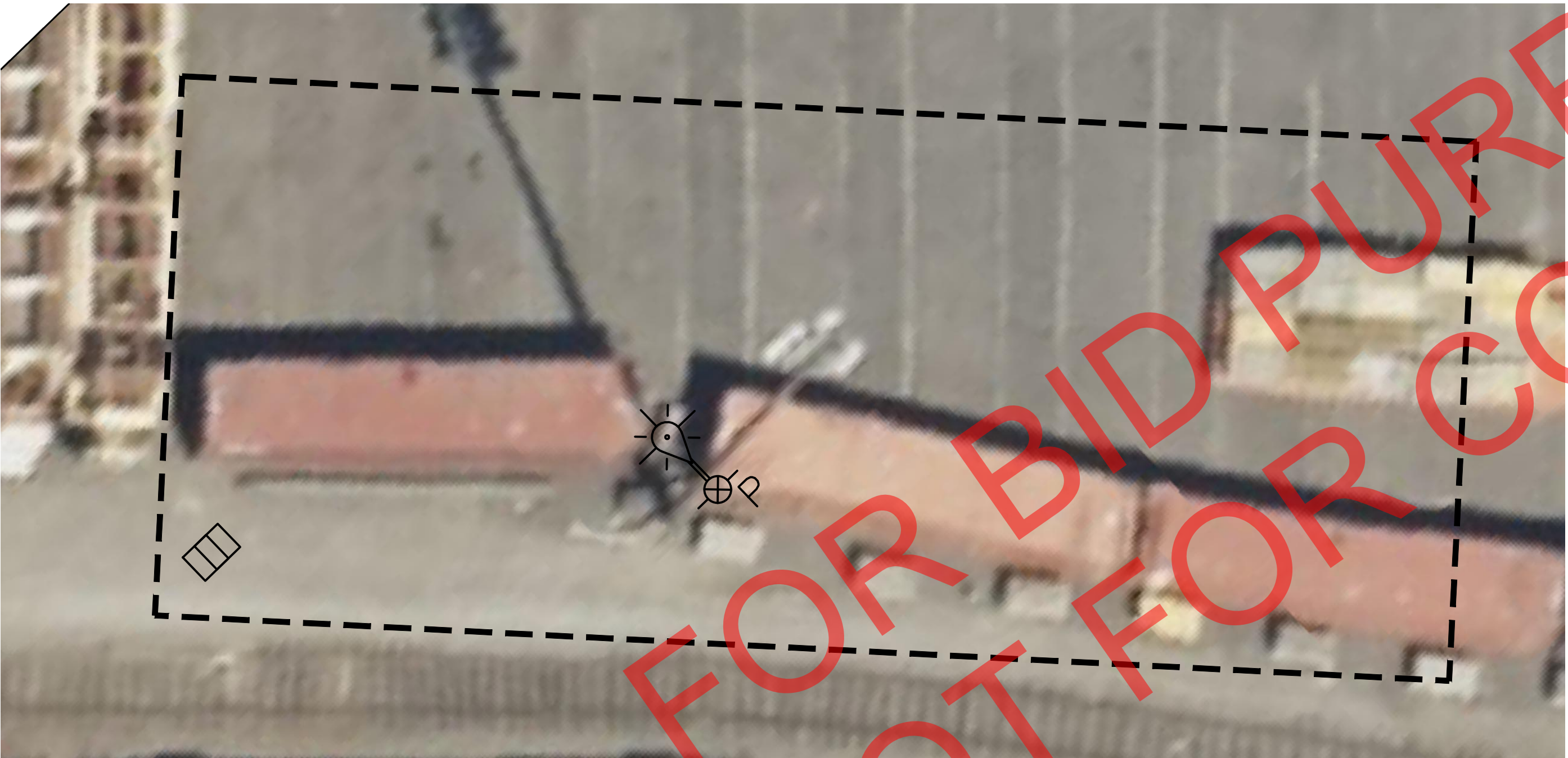
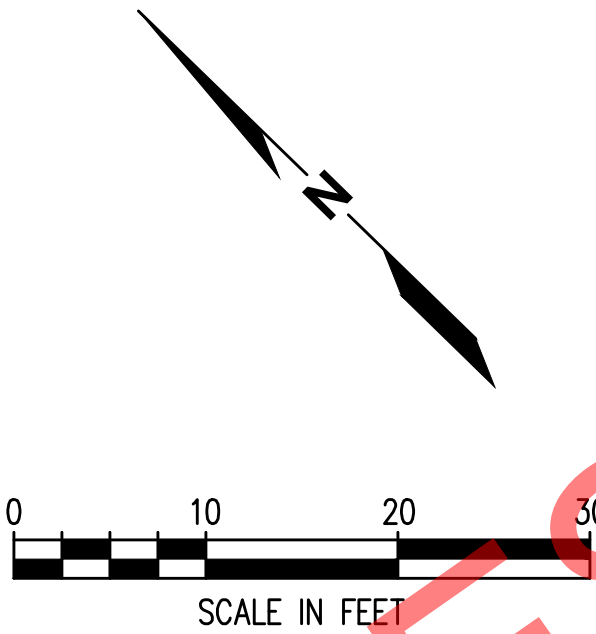
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Approved 4/7/2025
Site development
SD2V24-0226

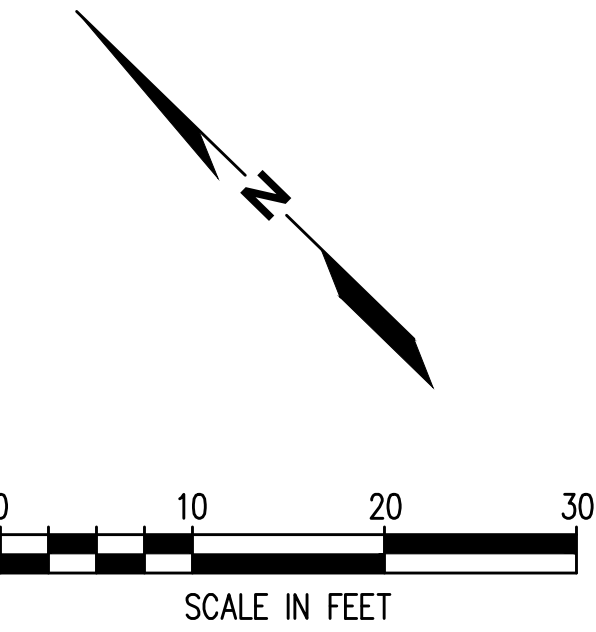
City of Tacoma
Reviewed for compliance



POLE 22 ENLARGED PLANS
SCALE: 1" = 10'



POLE 35 ENLARGED PLANS
SCALE: 1" = 10'



POLE 22 PHOTO
NTS

2

4

S2.01

C8.01



POLE 35 PHOTO
NTS

2

4

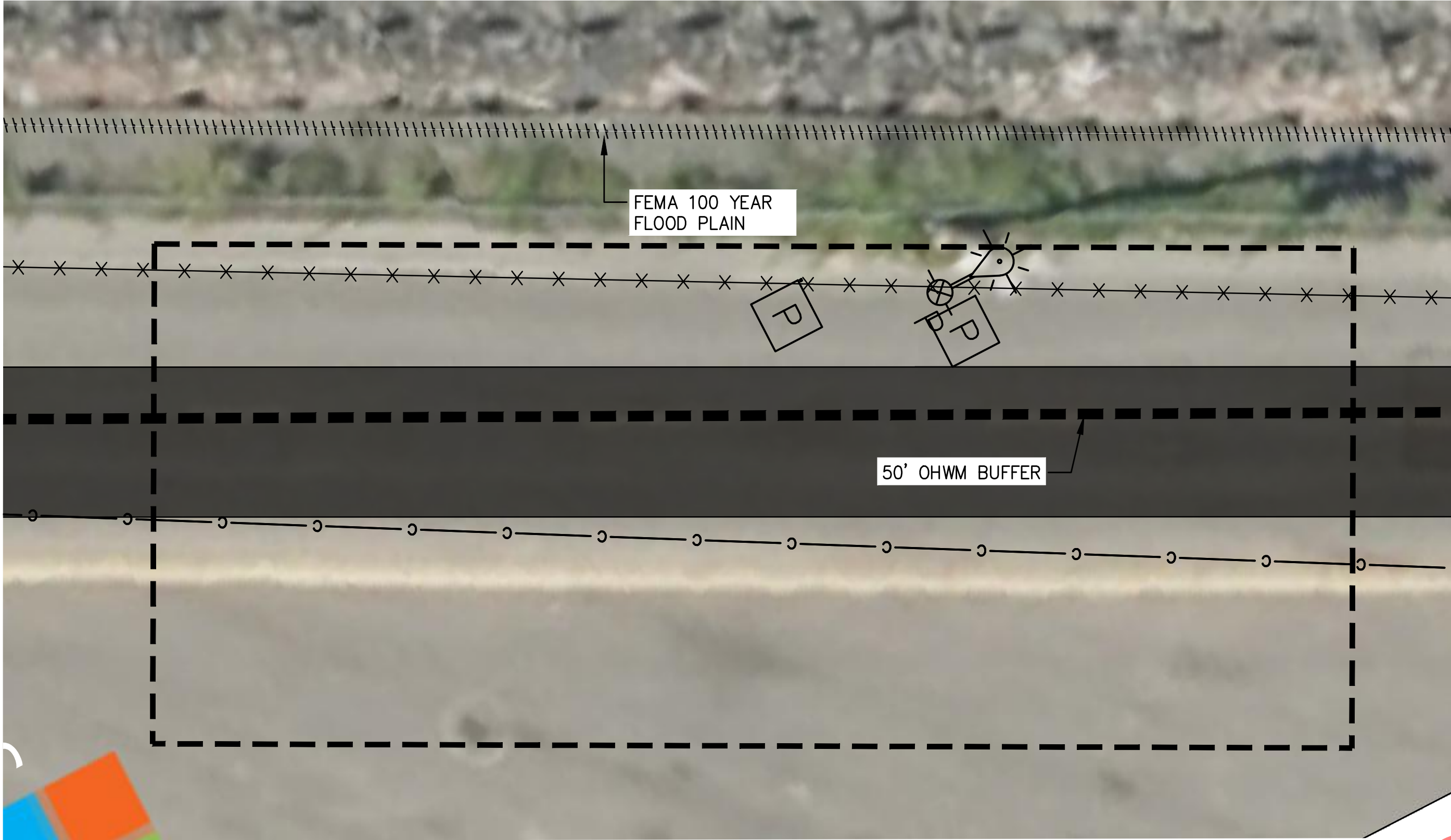
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S2.01

C8.01

C8.01

6691 C7.04 30 OF 39	PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT PARCEL 27 (TERMINAL 7) POLE PLANS	APPROVED:	JAV	03/03/2025
			CHECKED BY	DATE
CONT./CONS: 07196	TOWNSHIP: 21N	DIRECTOR ENG. DATE	SWK	03/03/2025
W.D: 201148.01	RANGE: 03E	PRINTED BY: Jvossos Mar 03, 2025	PROJ. ENGR	DATE
PHASE: PERMIT SET	VERT:	PORT ADDRESS: ONE SITCUM WAY	SECTION: 34	
	PARCEL:	DRAWING SCALE:	TACOMA, WA, 99421	
6691		2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162 P.O. BOX 187 TACOMA, WA 98401 (203)38-9841		
City of Tacoma		Port of Tacoma		
Reviewed for Compliance		DATE:		
City of Tacoma		BY:		
Reviewed for Compliance		REVISION:		
City of Tacoma		MARK:		
Reviewed for Compliance		APPR:		
City of Tacoma		DATE:		



POLE 50 ENLARGED PLANS
SCALE: 1" = 10'



POLE 25 ENLARGED PLANS
SCALE: 1" = 10'

PROTECT EXISTING FENCE

3
C8.01

CONTRACTOR TO REMOVE
AND REPLACE BOLLARDS
AS NECESSARY FOR
CONSTRUCTION.



POLE 50 PHOTO
NTS

2
S2.01

2
C8.01

4
C8.01

5
C8.01

3
C8.01

CONTRACTOR TO REMOVE
AND REPLACE BOLLARDS
AS NECESSARY FOR
CONSTRUCTION.



POLE 25 PHOTO
NTS

1
S2.01

4
C8.01

5
C8.01

C7.05 31 OF 39	PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT PARCEL 27 (TERMINAL 7) POLE PLANS	APPROVED:	JAV	03/03/2025	CHECKED BY	DATE
		SWK	03/03/2025	PROJ. ENGR	DATE	
CON/CONS: 07196	TOWNSHIP: 21N	RANGE: 03E	SECTION: 34	DIRECTOR ENG. DATE	PRINTED BY: jvossos	Mar 03, 2025
W.D: 201148.01	DAT-HRZ:	VERT:	PARCEL:	PORT ADDRESS: ONE SITCUM WAY	TACOMA, WA, 98421	
PHASE: PERMIT SET	DRAWING SCALE:					

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162

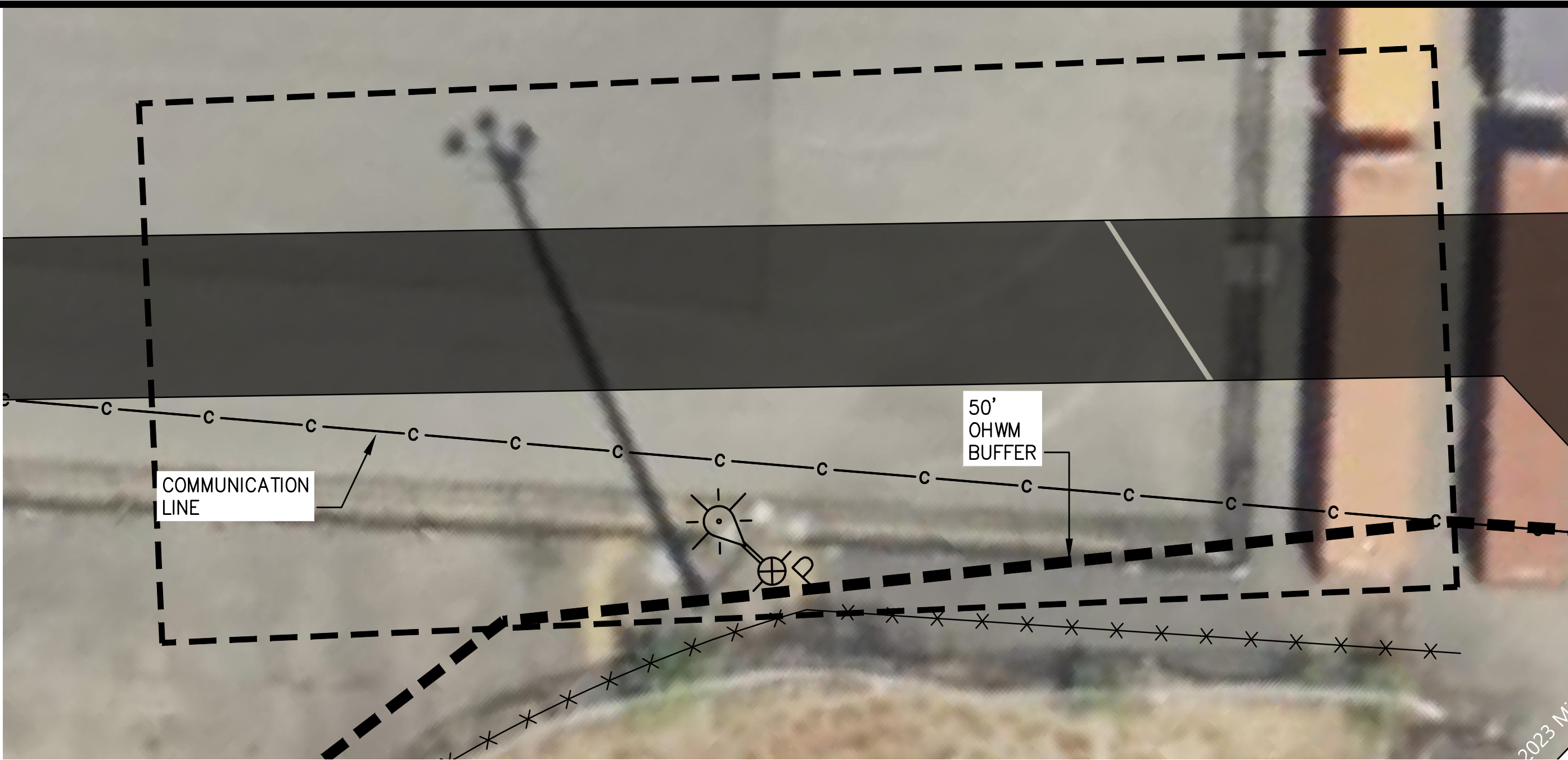
MARK: REVISION: BY: DATE: APPR: DATE:

6691

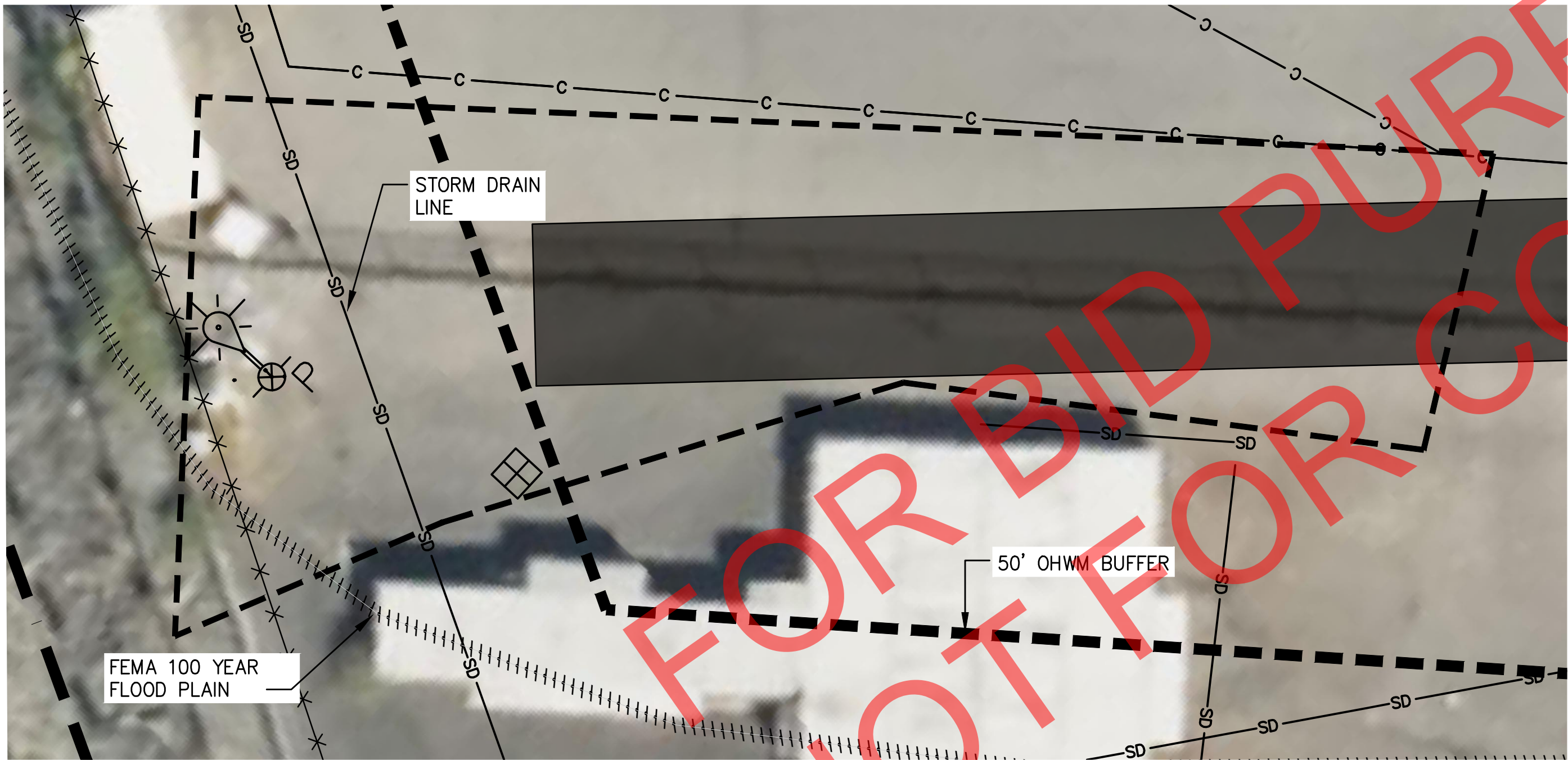
Approved 4/7/2025
Site development
SD-12-24-022

City of Tacoma
Reviewed for Compliance

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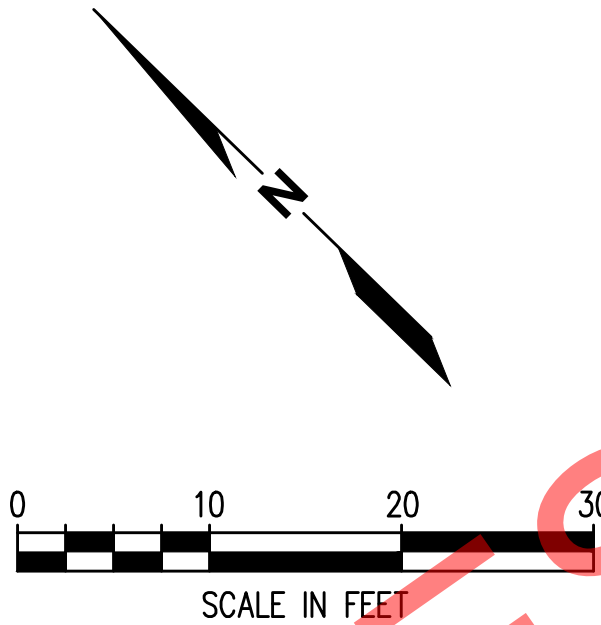
POLE 13 ENLARGED PLANS
SCALE: 1" = 10'



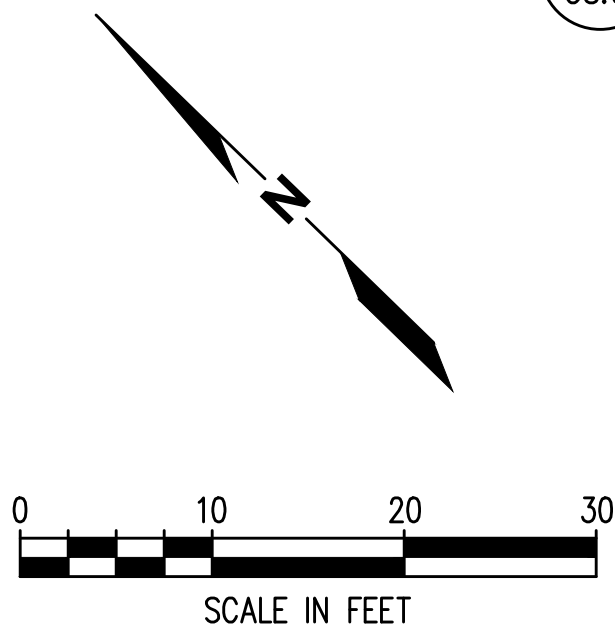
POLE 15 ENLARGED PLANS
SCALE: 1" = 10'

NOTES

1. THE INTENT IS TO REPLACE POLE 13 IN THE EXISTING LOCATION. CONTRACTOR MAY RELOCATE POLE UP TO 3 FEET FROM CURRENT LOCATION AT NO ADDITIONAL COST, SUBJECT TO APPROVAL BY ENGINEER.



NEW POLE TO BE ADJACENT TO EX POLE LOCATION. SEE ELECTRICAL SHEETS FOR DETAILS.
BACKFILL ABANDONED LOCATIONS PER DETAIL 6 ON C8.01.



POLE 13 PHOTO
NTS

2 S2.01 2 C8.01 4 C8.01 5 C8.01

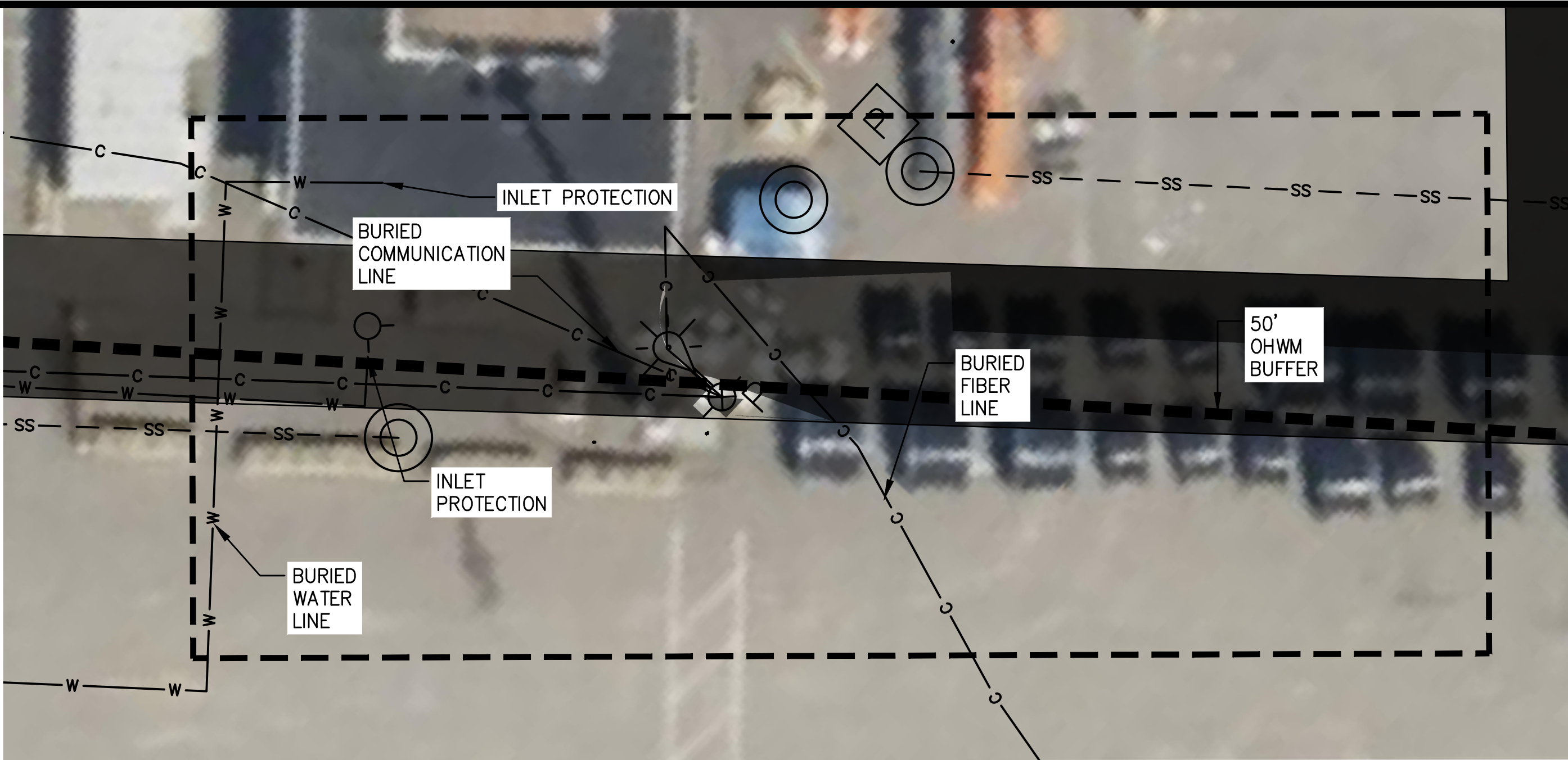


POLE 15 PHOTO
NTS

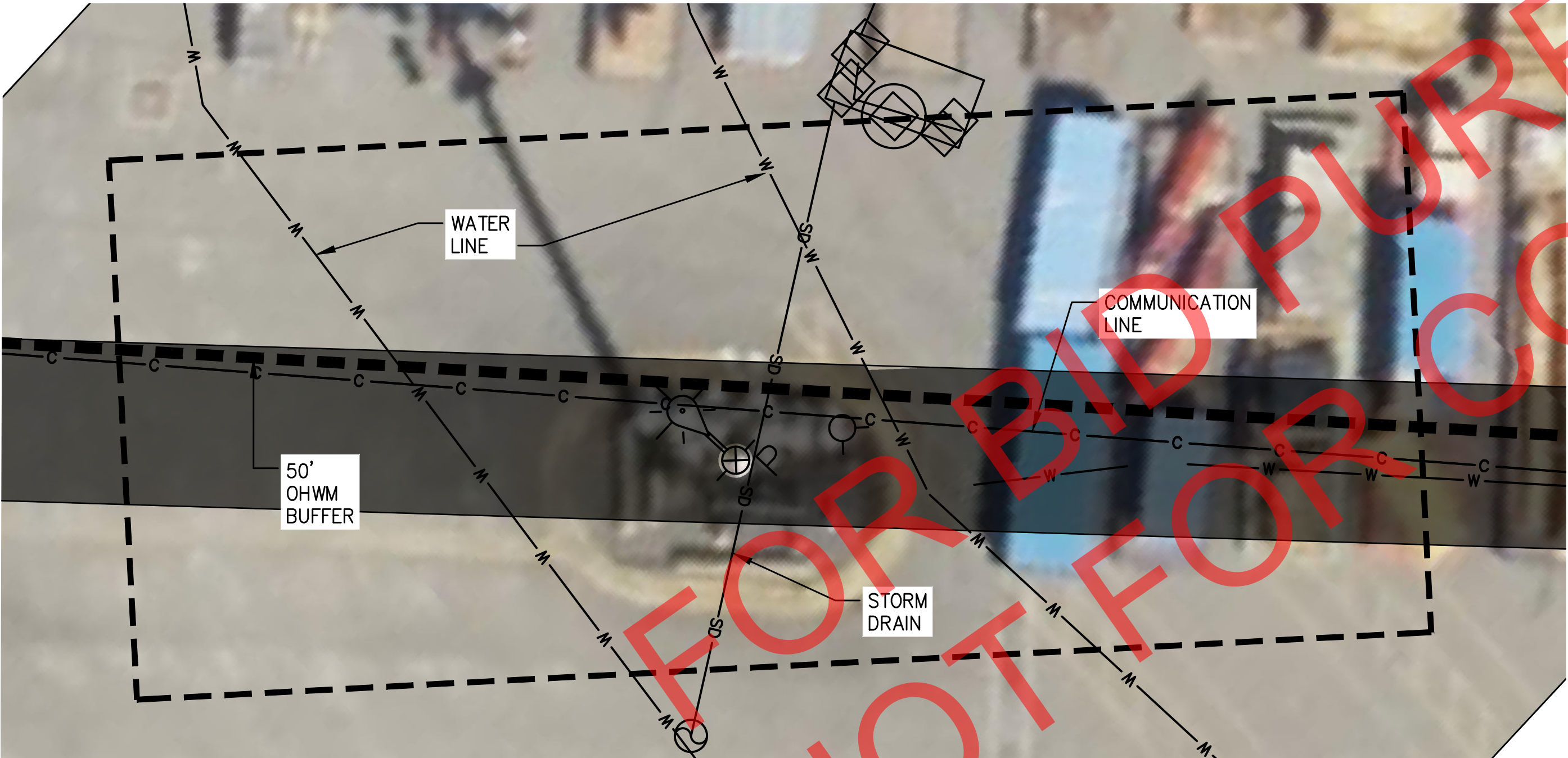
2 S2.01 2 C8.01 4 C8.01 5 C8.01

C7.06 6691	PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT PARCEL 27 (TERMINAL 7) POLE PLANS	APPROVED:	JAV	03/03/2025		Port of Tacoma 2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162 P.O. BOX 187 TACOMA, WA 98401 (203)38-9841			
			CHECKED BY	DATE			APPR:	DATE:	
			SWK	03/03/2025			BY:		
			DIRECTOR ENG. DATE	PROJ. ENGR DATE			MARK:	REVISION:	
PRINTED BY:	Ivossos Mar 03, 2025	PORT ADDRESS:	ONE SITCUM WAY TACOMA, WA, 98421						
CONTRACT/CONS:	07196	TOWNSHIP:	21N	RANGE:	03E	SECTION:	34	DRAWING SCALE:	
W.D:	201148.01	DAT-HRZ:		VERT:		PARCEL:			
PHASE:	PERMIT SET								

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POLE 11 ENLARGED PLANS
SCALE: 1" = 10'



POLE 12 ENLARGED PLANS
SCALE: 1" = 10'

NOTES

1. THE INTENT IS TO REPLACE POLE 11 AND POLE 12 IN THE EXISTING LOCATION. CONTRACTOR MAY RELOCATE POLE UP TO 3 FEET FROM CURRENT LOCATION AT NO ADDITIONAL COSTS, SUBJECT TO APPROVAL BY ENGINEER.



NEW POLE TO BE ADJACENT TO EX POLE LOCATION. SEE ELECTRICAL SHEETS FOR DETAILS.

BACKFILL ABANDONED LOCATIONS PER DETAIL 6 ON C8.01.

PROTECT VAULT IN PLACE. SEE NOTE 1.



POLE 11 PHOTO
NTS

4
S2.01

4
C8.01

5
C8.01



POLE 12 PHOTO
NTS

4
S2.01

3
C8.01

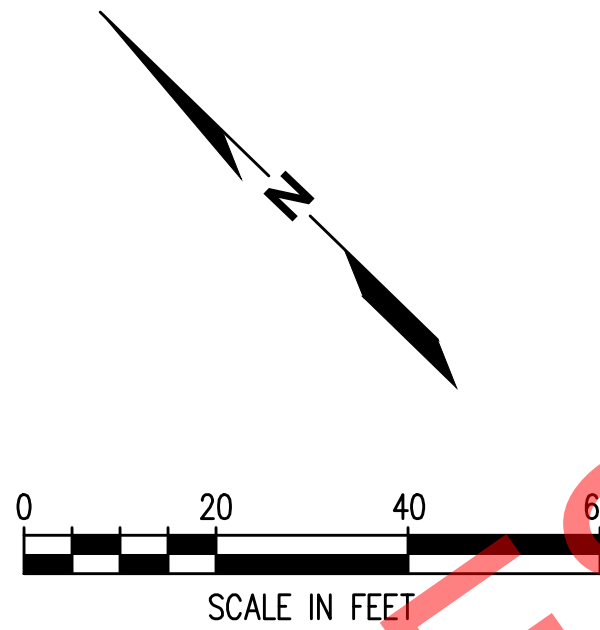
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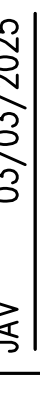
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C8.01

6691		C7.07		33 OF 39		CONT./CONS: 07196		MID: 201148.01		PHASE: PERMIT SET	
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DIRECTOR		ENG.		DATE		SWK		PROJ.		ENGR	
PRINTED BY:		jvoskos		Mar 03, 2025		DATE		DATE		DATE	
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DRAWING SCALE:		PARCEL:		SECTION: 34		RANGE: 03E		VERT:		PARCEL:	
APPROVED:		JAV		CHECKED BY		DATE		DATE		DATE	
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PORT ADDRESS:		ONE SITCUM WAY		TACOMA							



1. THE INTENT IS TO REPLACE POLE 1 IN THE EXISTING LOCATION. CONTRACTOR MAY RELOCATE POLE UP TO 3 FEET FROM CURRENT LOCATION AT NO ADDITIONAL COSTS, SUBJECT TO APPROVAL BY ENGINEER.

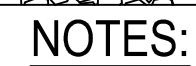


6691		PORT OF TACOMA				APPROVED:		JAV 03/03/2025				2407 North 34th Street, Suite 100 Tacoma, WA 98406 (253) 396-0150 Fax: (253) 396-0152					
C7.08		WOOD LIGHT POLE REPLACEMENT				CHECKED BY DATE											
34 OF 39		PARCEL 27 (TERMINAL 7)				SWK 03/03/2025											
		POLE PLANS				DIRECTOR ENG. DATE PROJ. ENGR DATE											
TOWNSHIP: 21N		RANGE: 03E		SECTION: 34		PRINTED BY: jossos Mar 03, 2025						MARK:	REVISION:	BY:	APPR:	DATE:	
DAT-HRZ:		VERT:				PORT ADDRESS: ONE SITCUM WAY											
PARCEL:		DRAWING SCALE:				TACOMA, WA, 98421											
PHASE:																	
PERMIT SET																	



1. ALL EXISTING BOLLARDS ARE TO REMAIN IN PLACE UNLESS THE CONTRACTOR DETERMINES BOLLARD REMOVAL IS REQUIRED FOR POLE DEMOLITION AND CONSTRUCTION.
2. ANY EXISTING BOLLARDS REMOVED ARE TO BE REPLACED WITH A NEW BOLLARD PER DETAIL AND THE CONTRACTOR WILL BE REIMBURSED PER BID VALUE.

1 FIXED BOLLARD DETAIL
C8.01 NTS



1. SURROUNDING SURFACE VARIES BY POLE. HMA PAVEMENT, GRAVEL, AND NATIVE SOILS ARE PRESENT AROUND POLES.
2. CONTRACTOR SHALL RESTORE SURROUNDING SURFACE TO ITS ORIGINAL CONDITION.
3. EXISTING GRAVEL AND SOILS MAY BE STOCKPILED AND REUSED FOLLOWING POLE INSTALLATION.
4. FOR BID AND CONTRACT PURPOSES, THE CONTRACTOR SHALL BID AND BE PAID FOR UP TO 3' OF PAVEMENT REPLACEMENT BEYOND THE POLE CMP FOUNDATION. PROVIDE UP TO 8' BY 3' OF PAVEMENT REPLACEMENT BEYOND THE POLE CMP FOUNDATION FOR CONDUIT SCOPE OF WORK. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ADDITIONAL PAVEMENT REPLACEMENT IS REQUIRED.
5. HMA PAVEMENT DISRUPTED AS PART OF POLE REPLACEMENT SHALL BE HAULED OFF AND DISPOSED OF AT THE CONTRACTORS EXPENSE. CONTRACTOR SHALL INSTALL NEW PAVEMENT AND BASE TO MATCH DEPTHS OF THE EXISTING PAVEMENT SECTION. SEE DETAIL 5.

2 SURFACE REPLACEMENT
C8.01 NTS



1. HMA PAVEMENT AND CSBC DEPTHS ARE UNKNOWN AND VARY BY SITE. FOR BID PURPOSES, CONTRACTOR SHALL ASSUME DEPTHS AS SHOWN ABOVE.
2. CONTRACTOR SHALL ADJUST DEPTHS AS NECESSARY TO MATCH EXISTING PAVEMENT DEPTH AROUND EACH POLE.
3. ALL PAVEMENT REPLACEMENT SHALL TIE INTO EXISTING PAVEMENT WITH CLEAN SAWCUT LINES.

3 HMA PAVEMENT
C8.01 NTS



1. PAVEMENT NOT REQUIRED FOR POLES 15, 17, AND 18 LOCATIONS. BACKFILL WITH CSBC BACKFILL MATERIAL TO EX GRADE SURFACE.
2. CONTRACTOR SHALL RESTORE SURROUNDING SURFACE TO ITS ORIGINAL CONDITION.

4 BACKFILL OF ABANDONED POLE LOCATIONS

GENERAL

1. THESE NOTES CONTAIN GENERAL INFORMATION AND ARE NOT COMPLETE FOR CONSTRUCTION PURPOSES. CONTRACTOR SHALL VERIFY INFORMATION GIVEN HERE WITH SPECIFICATIONS AND OTHER DOCUMENTS AND BRING ANY CONFLICTS TO THE ATTENTION OF THE ENGINEER BEFORE BEGINNING AFFECTED WORK. THE ENGINEER WILL RESOLVE ANY SUCH CONFLICT.
2. ALL DIMENSIONS AND DETAILS WILL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION.
3. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER PRIOR TO FABRICATION.

2. ALL DIMENSIONS AND DETAILS WILL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION.

3. ALL SHOP DRAWINGS SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER PRIOR TO FABRICATION.

CODES AND STANDARDS

1. STRUCTURAL
 - A. ALL METHODS AND MATERIALS SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE, 2021 EDITION, AS AMENDED AND ADOPTED BY THE CITY OF TACOMA.
 - B. REINFORCED CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" AND ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
 - C. AWC NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2018.
 - D. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 2015 WITH 2018 INTERIM REVISIONS.

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- D. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 2015 WITH 2018 INTERIM REVISIONS.

REINFORCED CONCRETE

1. REINFORCING STEEL
- | | |
|-----------------------------|----------------------------------|
| A. DEFORMED BARS | ASTM A 615, GRADE 60 |
| B. WELDED WIRE FABRIC (WWF) | ASTM A 185 ($f_y = 60,000$ psi) |

- | | |
|-----------------------------|----------------------------------|
| A. DEFORMED BARS | ASTM A 615, GRADE 60 |
| B. WELDED WIRE FABRIC (WWF) | ASTM A 185 ($f_y = 60,000$ psi) |

- B. WELDED WIRE FABRIC (WWF) ASTM A 185 ($f_y = 60,000$ psi)

- ## 2. CAST-IN-PLACE CONCRETE

CONCRETE MIXTURES						
f' _c (PSI)	TEST AGE (DAYS)	EXPOSURE CLASS				USE
4,000	28	F1	S1	WO	C2	COLLARS

- A. CONCRETE MIXTURES SHALL CONFORM TO THE MOST STRINGENT REQUIREMENTS FOR EXPOSURE CLASSES SPECIFIED IN THE TABLE ABOVE AND ACI 318 TABLE 19.3.2.1.
- B. WATER-ADMITTED ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CALCIUM CHLORIDE OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.
- C. WATER/CEMENTITIOUS MATERIALS RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENTITIOUS MATERIALS RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENTITIOUS MATERIAL RATIO AND/OR WATER CONTENT IF SHOWN ABOVE OR IN ACI 318 TABLE 19.3.2.1 FOR THE EXPOSURE CLASSES LISTED.
- D. FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.
- E. ALL CONCRETE SUBJECT TO EXPOSURE CLASSES F1, F2 OR F3 SHALL BE AIR ENTRAINED. AIR-ENTRAINING AGENTS SHALL CONFORM TO ASTM C 260. THE AMOUNT OF ENTRAINED AIR SHALL BE ACCORDING TO ACI 318 TABLE 19.3.3.1 WITH A FIELD TOLERANCE OF ± 1.5 PERCENT BY VOLUME. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE FROM THE TRUCK.
- F. THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR APPROVAL 2 WEEKS PRIOR TO PLACING ANY CONCRETE. THE MIX DESIGN SHALL BE IN CONFORMANCE WITH ACI 318, CHAPTER 19. THE SUBMITTAL SHALL INDICATE WHERE EACH CONCRETE MIX IS TO BE USED ON THE PROJECT, AS WELL AS THE MAXIMUM AGGREGATE SIZE OF EACH MIX. COARSE AGGREGATE SHALL BE $3/4"$ NOMINAL AND CONFORM TO ASTM C33.
- G. CDF MAY BE USED TO BACKFILL IF THE AREA TO BACKFILL IS TOO SMALL OR IF THERE ARE ANY VOIDS THAT COMPACTION EQUIPMENT CANNOT ACCESS, CDF SHALL BE USED

- B. WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CALCIUM CHLORIDE OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

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- G. CDF MAY BE USED TO BACKFILL. IF THE AREA TO BACKFILL IS TOO SMALL OR IF THERE ARE ANY VOIDS THAT COMPACTION EQUIPMENT CANNOT ACCESS, CDF SHALL BE USED

TIMBER POLES

1. TIMBER POLES SHALL BE PACIFIC COAST DOUGLAS FIR AND SHALL CONFORM TO ASTM D 3200. POLES SHALL BE PRESERVATIVE-TREATED PER IBC 1810.3.2.4 AND AWP A U1 WITH EITHER DCOI OR COPPER NAPHTHENATE.
2. ALL TIMBER POLES SHALL BE IDENTIFIED THROUGH A QUALITY MARK ON A STAMP OR LABEL AFFIXED TO ALL POLES PER IBC 2303.1.9.1. THE FOLLOWING INFORMATION SHALL BE INCLUDED:
 - A. IDENTIFICATION OF TREATING MANUFACTURER.
 - B. TYPE OF PRESERVATIVE USED.
 - C. MINIMUM PRESERVATIVE RETENTION (PCF).
 - D. END USE FOR WHICH THE PRODUCT IS TREATED.
 - E. AWP STANDARD TO WHICH THE PRODUCT WAS TREATED.
 - F. IDENTITY OF THE ACCREDITED INSPECTION AGENCY.

2. ALL TIMBER POLES SHALL BE IDENTIFIED THROUGH A QUALITY MARK ON A STAMP OR LABEL AFFIXED TO ALL POLES PER IBC 2303.1.9.1. THE FOLLOWING INFORMATION SHALL BE INCLUDED:

- A. IDENTIFICATION OF TREATING MANUFACTURER.
- B. TYPE OF PRESERVATIVE USED.
- C. MINIMUM PRESERVATIVE RETENTION (PCF).
- D. END USE FOR WHICH THE PRODUCT IS TREATED.
- E. AWP/PA STANDARD TO WHICH THE PRODUCT WAS TREATED.
- F. IDENTITY OF THE ACCREDITED INSPECTION AGENCY.

- B. TYPE OF PRESERVATIVE USED.

- C. MINIMUM PRESERVATIVE RETENTION (PCF).

- D. END USE FOR WHICH THE PRODUCT IS TREATED.
- E. AMPA STANDARD TO WHICH THE PRODUCT WAS

- E. AWWA STANDARD TO WHICH THE PRODUCT WAS TREATED.
- F. IDENTITY OF THE ACCREDITED INSPECTION AGENCY.

1. IDENTITY OF THE ACCREDITED INSPECTION AGENCY:

ABBREVIATIONS

CDF	CONTROLLED DENSITY FILL
CMP	CORRUGATED METAL PIPE
DEMO	DEMOLITION
EX	EXISTING
WWF	WELDED WIRE FABRIC

CMP CORRUGATED METAL PIPE

DEMO	DEMOLITION
------	------------

EX	EXISTING
WWE	WELDED WIDE FABRIC

WWF WELDED WIRE FABRIC

SPECIAL INSPECTION SCHEDULE			
ESTABLISHED PER IBC 2021 CHAPTER 17			
ITEMS	CONTINUOUS INSPECTION	PERIODIC INSPECTION	COMMENTS
CONCRETE			
REINFORCING PLACEMENT		X	
PREPARATION OF TEST SPECIMENS	X		
CONCRETE PLACEMENT	X		
CURING		X	
SOILS			
FOUNDATION PREPARATION		X	REF NOTE 4

SPECIAL INSPECTION SCHEDULE NOTES

1. THE ITEMS CHECKED WITH AN "X" SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO PROJECT SPECIFICATIONS, THE STRUCTURAL NOTES AND THE THE NOTES BELOW. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ENGINEER. ANY MATERIALS WHICH FAIL TO MEET THE PROJECT SPECIFICATIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.
2. CONTINUOUS SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR IS ON THE SITE AT ALL TIMES OBSERVING THE WORK REQUIRING SPECIAL INSPECTION (IBC 1702). PERIODIC SPECIAL INSPECTION MEANS THAT THE SPECIAL INSPECTOR IS ON SITE AT TIME INTERVALS NECESSARY TO CONFIRM THAT ALL WORK REQUIRING SPECIAL INSPECTION IS IN COMPLIANCE.
3. THE PORT WILL EMPLOY AND PAY FOR SPECIAL INSPECTION & TESTING SERVICES TO ENSURE COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
4. VERIFY ANY VOIDS IN AND AROUND FOUNDATION ARE FILLED.

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4. VERIFY ANY VOIDS IN AND AROUND FOUNDATION ARE FILLED.

[illegible]

FACILITY	POLE DESIGNATION	POLE OVERALL LENGTH	POLE CLASS	FOUNDATION DETAIL
TERMINAL 7	1	80	H-2	1/S2.01
	6	80	H-5	3/S2.01
	11	105	H-5	4/S2.01
	12	105	H-5	4/S2.01
	13	100	H-1	2/S2.01
	15	100	H-3	2/S2.01
	16	100	H-3	2/S2.01
	17	30	CLASS 1	2/S2.01
	18	30	CLASS 1	2/S2.01
	22	95	H-1	2/S2.01
	25	100	H-2	1/S2.01
	34	100	H-1	2/S2.01
	35	100	H-2	2/S2.01
	50	100	H-2	2/S2.01
NIM	29	100	H-3	2/S2.01
	31	100	H-2	2/S2.01
	32	100	H-3	2/S2.01
	39	95	H-2	2/S2.01
	40	95	H-1	2/S2.01
	41	95	H-2	2/S2.01
	42	60	H-3	2/S2.01
	44	65	H-1	2/S2.01
	45	65	H-1	2/S2.01
	55	105	H-3	1/S2.01

- NOTES
- SEE C1.01 – C7.08 FOR POLE LOCATIONS
 - MINIMUM POLE DIAMETER DEFINED BY POLE CLASS. POLE CLASS PER ANSI 05–2022
 - POLE 152 IS THE RAKER POLE SHOWN IN DETAIL 1 OF S2.02
 - QUALITY MARK EACH POLE PER IBC SECTION 2303.1.9.1

FACILITY	POLE DESIGNATION	POLE OVERALL LENGTH	POLE CLASS	FOUNDATION DETAIL
UP YARD	69	100	H-2	1/S2.01
	73	90	H-1	1/S2.01
	75	90	H-2	1/S2.01
	79	90	H-2	1/S2.01
SIM	89	100	H-1	2/S2.01
	92	100	H-1	2/S2.01
TOTE	102	100	H-1	1/S2.01
	103	100	H-2	1/S2.01
	105	100	H-1	1/S2.01
	112	100	H-2	1/S2.01
	116	100	H-3	2/S2.01
	124	45	H-1	2/S2.01
	128	100	H-1	1/S2.01
	130	100	H-2	2/S2.01
	131	100	H-2	2/S2.01
	144	100	H-1	2/S2.01
	150	105	H-1	1/S2.02
	151	105	H-1	1/S2.02
EB1	152 ³	40	H-1	1/S2.02
	153	105	H-1	2/S2.01
LOG YARD	156	65	H-3	2/S2.01
	157	45	CLASS 1	2/S2.01
	158	45	CLASS 1	2/S2.01

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37 OF 39
S1.01
CONT/CONS: 07196
M. ID: 201148.01
PHASE: PERMIT SET

PORT OF TACOMA
WOOD LIGHT POLE REPLACEMENT
POLE SCHEDULE AND FOUND DETAILS

TOWNSHIP: 21N
RANGE: 03E
SECTION: 34
DATE—HRZ:
PARCEL:

DRAWING SCALE:

APPROVED:

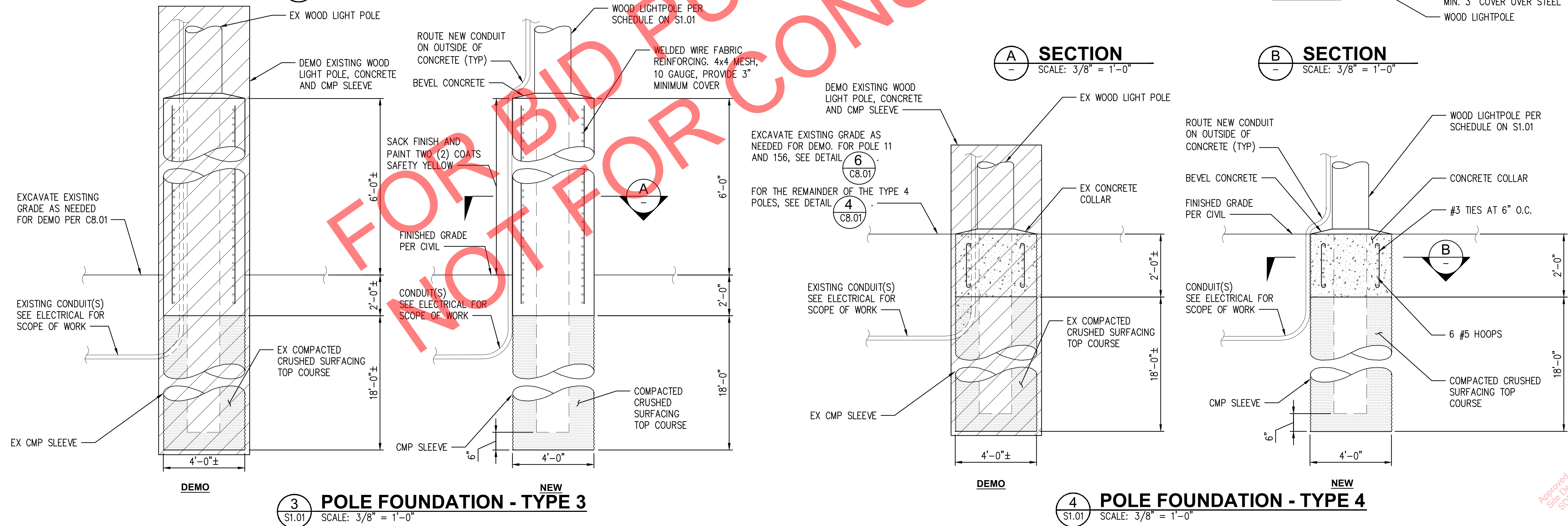
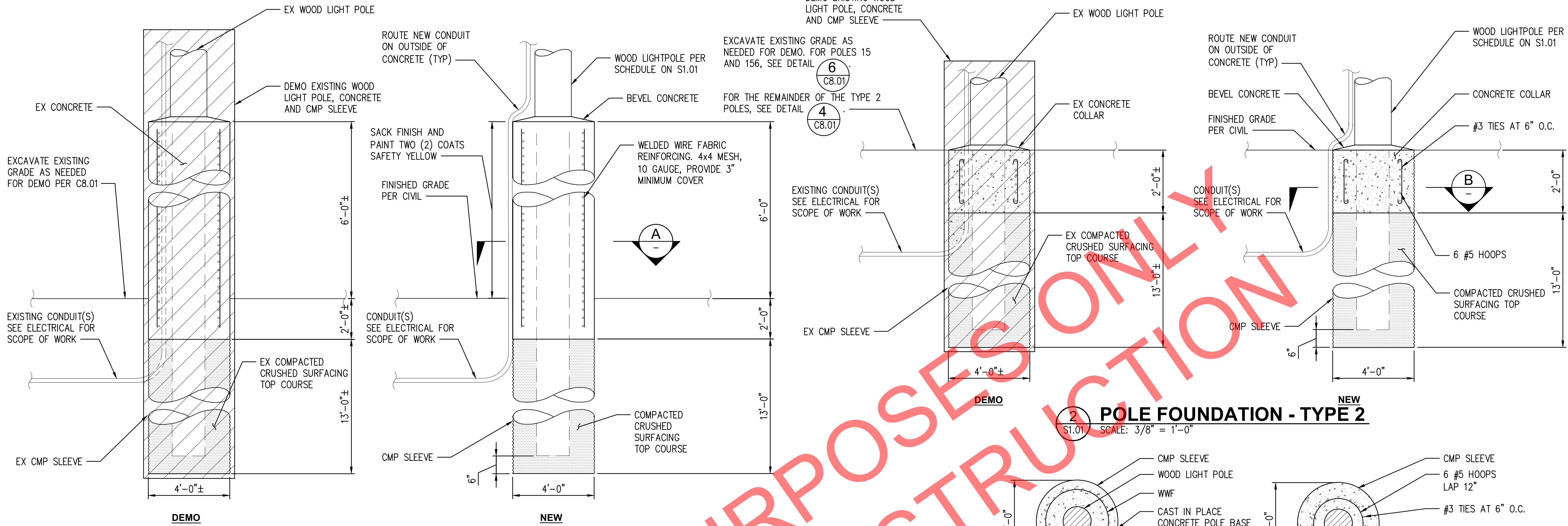
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PROJ. ENGR
DIRECTOR
PRINTED BY: Hemons Mar 04, 2025
PORT ADDRESS: ONE SITCUM WAY
TACOMA, WA, 98421

DATE
DATE
DATE

2407 North 31st Street, Suite 100
Tacoma, Washington 98407
(253) 396-0150 Fax (253) 396-0162
P.O. BOX 1837 TACOMA, WA 98401 (253)396-5441

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JAMES H. HEMS
PROFESSIONAL ENGINEER
NO. 0008
EXPIRATION DATE 12/31/2025

APPROVED:	JHM	03/03/2025	CHECKED BY:	TAH	03/03/2025	DATE
			DIRECTOR	ENG. DATE	PROJ. ENGR	DATE
			PRINTED BY:	Hems	Mar 04, 2025	
			PORT ADDRESS:	ONE SITCUM WAY		
				TACOMA, WA, 98421		

PORT OF TACOMA
WOOD LIGHT POLE REPLACEMENT
FOUND DETAILS

S2.01
38 OF 39

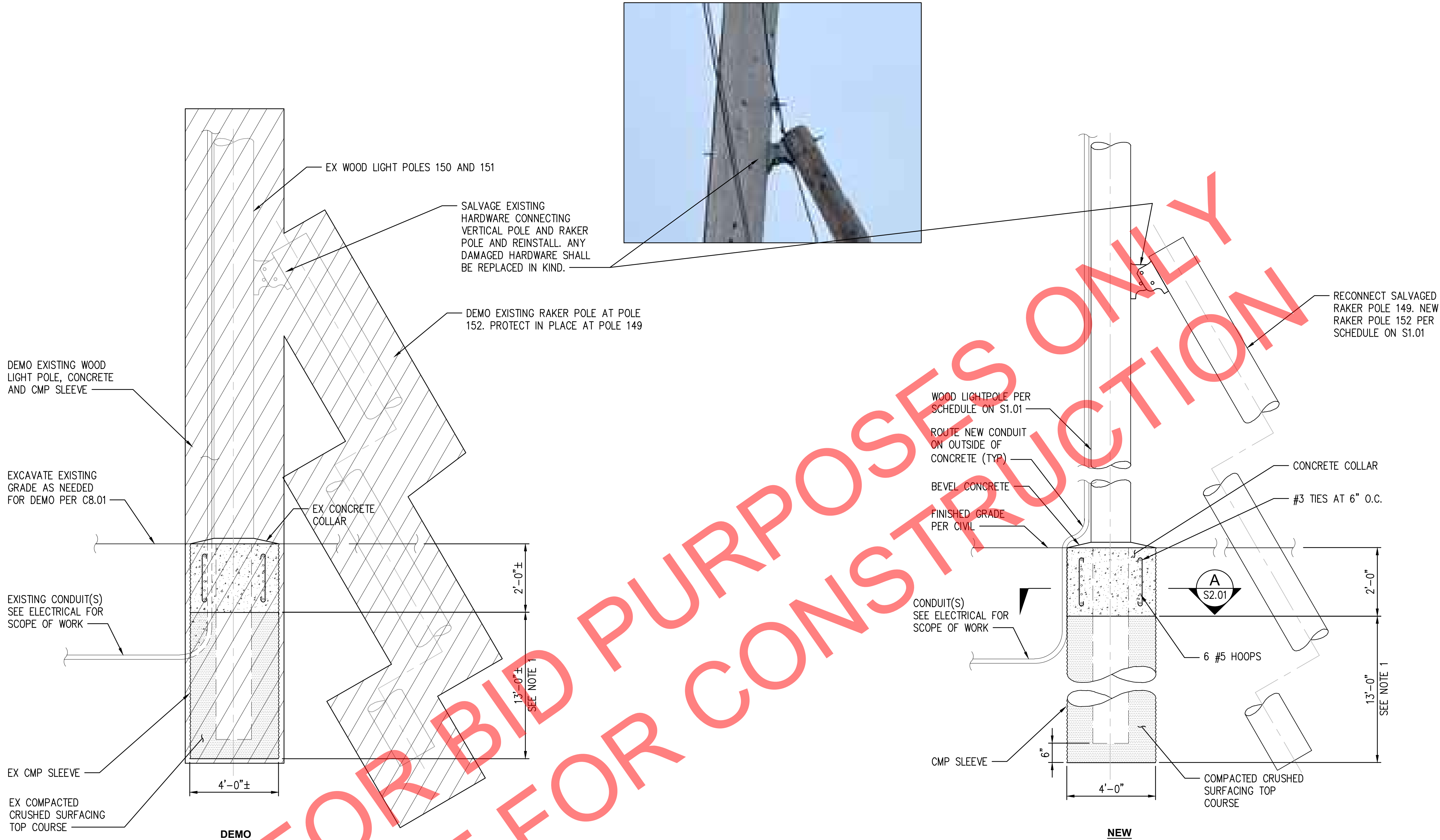
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CONTRACT/CONS:	07196	TOWNSHIP:	21N	RANGE:	03E	SECTION:	34
DATE:	201148-01	DAT-HRZ:		VERT:			
PHASE:	PERMIT SET	PARCEL:		DRAWING SCALE:			

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Approved 4/7/2025
Site Development
S2.01

Reviewed for Compliance



1 POLE FOUNDATION
SCALE: 3/8" = 1'-0"

- NOTES
- RAKER POLE EMBEDMENT INDICATE IS ASSUMED. CONTRACTOR SHALL VERIFY AND MATCH EXISTING EMBEDMENT.

6691 S2.02 39 OF 39	PORT OF TACOMA WOOD LIGHT POLE REPLACEMENT FOUND DETAILS		APPROVED:	JNM	03/03/2025
	CONT/CONS: 07196 M. ID: 201148.01 PHASE: PERMIT SET	TOWNSHIP: 21N RANGE: 03E SECTION: 34 DAT-HRZ: PARCEL:	DIRECTOR ENG. DATE PRINTED BY: Hemons Mar 04, 2025 PORT ADDRESS: ONE SITCUM WAY TACOMA, WA, 98421	CHECKED BY TAH	DATE 03/03/2025
2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162		kpff		2407 North 31st Street, Suite 100 Tacoma, Washington 98407 (253) 396-0150 Fax (253) 396-0162	
P.O. BOX 1837 TACOMA WA 98401 (253)396-5441		Port of Tacoma		P.O. BOX 1837 TACOMA WA 98401 (253)396-5441	
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