



ADDENDUM NO. 01
BID NUMBER 595
PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL & WASH CIVIL

DATE: August 18, 2020

TO ALL PROSPECTIVE BIDDERS:

The additions, clarifications and corrections contained herein shall be made to the Project Manual, Drawings and Schedules for the above referenced project, and shall be included in the scope of work and proposal to be submitted.

(Note: References made below to the Project Manual and Drawings shall be used as a general guide only. Bidder shall determine the extent of the work affected by Addendum items.)

THE FOLLOWING CHANGES ARE MADE TO BID NUMBER 595:

Item	Reference	Direction
1		Marked-up Drawing CP-111 to CP-113 is provided for reference to denote demarcation of Phase 1 (Building 4 Parking) and Phase 2 (Fuel & Wash Civil) for tax identification purpose only. Note: Fence, curb, retaining wall and footings along the boundary are to be included in Phase 1. Phase 2 is exempt from Washington State Sales Tax but is subject to Use Tax. Bidders are to include Use Tax for Phase 2 scope only. WSST is to be excluded from the bid amount for both phases. Note: Construction phasing for schedule remains the same per the Supplemental Document Exhibit 6 – Site Logistics Plan.
2		CHANGE Proposal Due Date: Submit bid proposals on August 26, 2020 by 2:00 pm PDT.
3		CHANGE Bid Opening Date: August 26, 2020 at 3:30 pm PDT
4	GI-001	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
5	CD-113	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
6	CD-114	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
7	CD-115	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
8	CP-111	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
9	CP-400	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
10	CP-410	Replace the sheet with Huitt-Zollars Addendum #1 Drawing

Item	Reference	Direction
11	CP-501	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
12	CP-503	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
13	CP-504	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
14	CP-510	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
15	CP-700	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
16	CP-701	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
17	CP-703	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
18	CP-705	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
19	CP-706	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
20	UE-111	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
21	UE-113	Replace the sheet with Huitt-Zollars Addendum #1 Drawing
22	32 13 13	Revise Section 2.3.C. "Joint Sealant: Concrete joints shall be sealed with hot joint sealant unless otherwise specified."
23	32 13 13	Delete Section 2.3.C.2

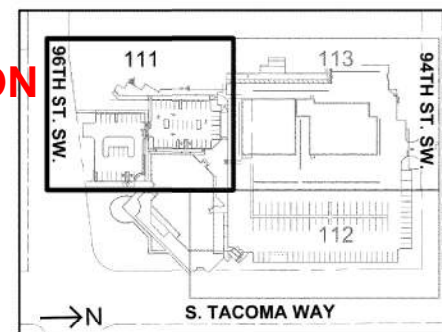
Bidders are required to acknowledge receipt of Addendum No. 01 on Bid Form Part I.

END OF ADDENDUM NO. 1

Attachments:

1. Marked-up Drawing CP-111 through CP-113 (For tax application demarcation reference only)
2. Huitt-Zollars Addendum #1 Drawings dated 08/17/2020
3. Huitt-Zollars Addendum #1 Design Revisions Narrative dated 08/14/2020

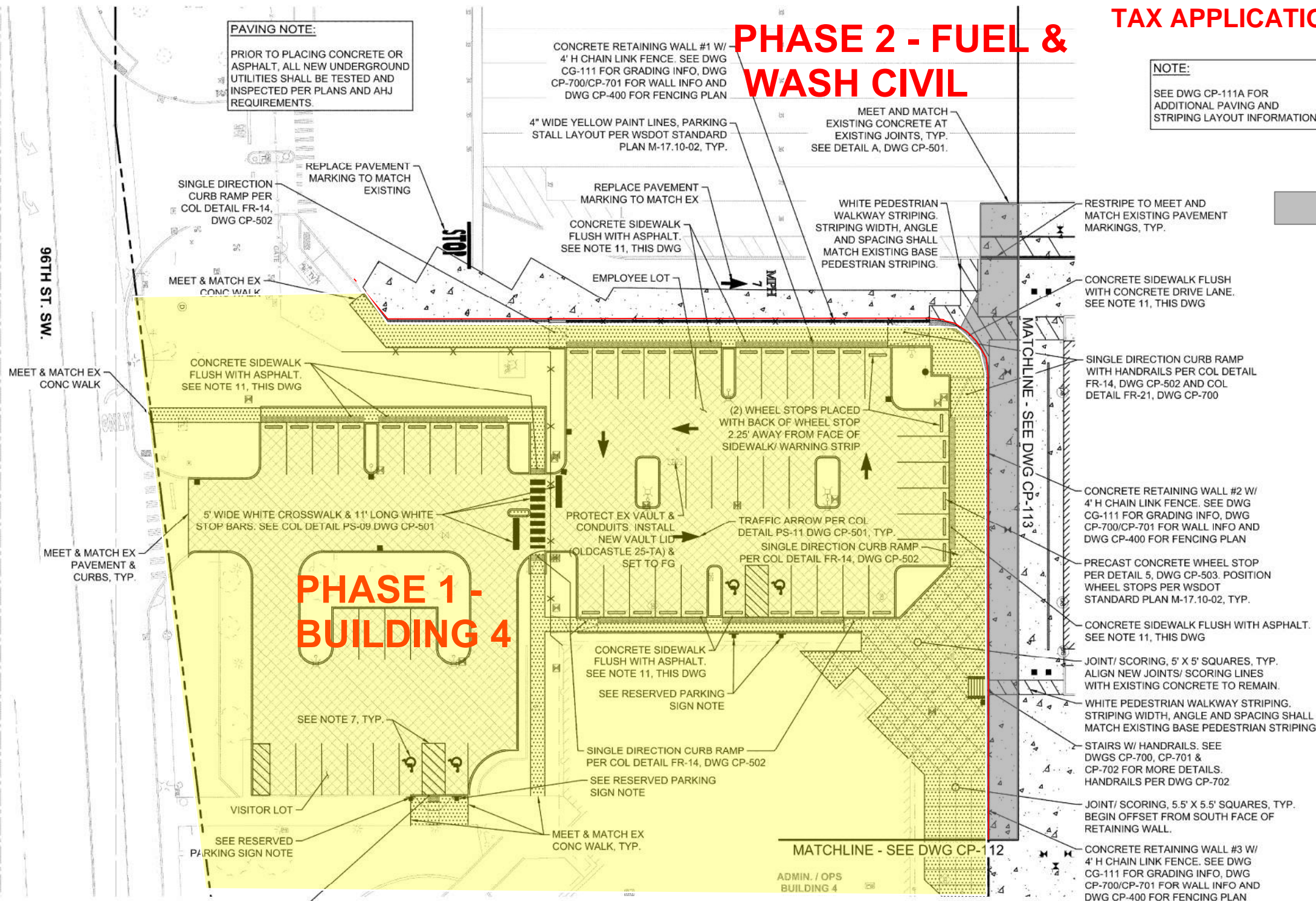
**ADDENDUM 01
TAX APPLICATION DEMARCATATION**



PHASE 2 - FUEL & WASH CIVIL

PAVING NOTE:
PRIOR TO PLACING CONCRETE OR ASPHALT, ALL NEW UNDERGROUND UTILITIES SHALL BE TESTED AND INSPECTED PER PLANS AND AHJ REQUIREMENTS.

NOTE:
SEE DWG CP-111A FOR ADDITIONAL PAVING AND STRIPING LAYOUT INFORMATION.



LEGEND

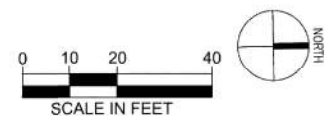
- CONCRETE PER SECTION A, DWG CP-501
- CONCRETE SIDEWALK PER COL DETAIL FR-08, DWG CP-502
- LIGHT DUTY PAVEMENT PER SECTION B, DWG CP-501
- ASPHALT PAVEMENT TRENCH PATCH PER COL DETAIL RW-07, DWG CP-502
- CEMENT CONCRETE DOWELLED CURB / INTEGRAL CURB & WALK / TRAFFIC BARRIER CURB. SEE DWG CP-400 FOR MORE DETAIL
- 4" WIDE YELLOW PAINT LINE PER WSDOT STANDARD PLAN M-17.10-02
- CHAIN LINK FENCE PER COL DETAIL MI-07, DWG CP-504. SEE DWG CP-400 FOR LAYOUT INFO.

- NOTES:**
- SEE DWG G1-002 FOR LEGENDS, GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
 - SEE DWG G1-004 FOR COL STANDARD NOTES.
 - AREAS IMPACTED OR DAMAGED BY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO CONCRETE, ASPHALT, SIDEWALK, CURB AND GUTTER, GRASSED AREAS AND EXISTING UTILITY SYSTEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.
 - SEE DWG CP-501 FOR PAVING INSTRUCTIONS, PAVEMENT SECTIONS AND CURB DETAILS.
 - PROTECT / MAINTAIN ALL SURFACE FEATURES INCLUDING, BUT NOT LIMITED TO STORM DRAIN CATCH BASINS, VALVE COVERS, CLEANOUT COVERS, ETC.
 - CURB HEIGHT SHALL BE 6" FROM FINISHED PAVEMENT GRADE, UNLESS OTHERWISE SPECIFIED.
 - ADA CROSSHATCHED DELINEATIONS AND ACCESS PARKING SPACE SYMBOL SHALL BE PER WSDOT STANDARD PLAN M-17.10-02.
 - ALL PAVEMENT STRIPING SHALL BE 4" WIDE YELLOW PAINT LINES PER WSDOT STANDARD PLAN M-17-10.02 UNLESS OTHERWISE SPECIFIED.
 - RADIUS & NORTHING & EASTING CALLOUTS ARE TO BOTTOM FACE OF CURB.
 - FOR FENCING AND CURBING PLAN SEE DWG CP-400.
 - FLUSH CONCRETE SIDEWALK: PROVIDE 2" WIDE DETECTABLE WARNING SURFACE PER COL DETAIL FR-16, DWG CP-502, TYP.

BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

HORIZONTAL DATUM:
WASHINGTON STATE PLANE SOUTH COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983, ADJUSTED IN 1991(NAD 83/91).

VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988(NAVD 88).



THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES AND SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE: **811**

A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION

CONTRACTOR'S NOTES:
CONTRACTOR SHALL RECORD ANY FIELD DEVIATION FROM ENGINEERING PLAN. THESE RECORDS SHALL BE KEPT ON CONSTRUCTION DRAWINGS AND TURNED OVER TO ENGINEER UPON COMPLETION OF PROJECT.

THE LOCATIONS OF THE EXISTING SURFACE UTILITIES & TOPOGRAPHIC FEATURES WERE COMPILED FROM FIELD SURVEY PERFORMED BY HZ DATED 3/18/19. AVAILABLE RECORD DOCUMENTS PROVIDED BY PIERCE TRANSIT AND SITE VERIFICATION. UTILITIES SHOWN ARE BASED UPON SURFACE FEATURES & UNDERGROUND UTILITY PAINT MARKS (BY OTHERS). NO POT-HOLING WAS PERFORMED. HZ MAKES NO WARRANTY AS TO THE ACCURACY OF THE UNDERGROUND UTILITY LOCATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN AREAS TO BE IMPACTED BY CONSTRUCTION ACTIVITIES.

TOTAL ADA STALLS	4
TOTAL STANDARD STALLS	51

RESERVED PARKING SIGN NOTE:

RESERVED PARKING SIGNS PER DETAIL 6, DWG CP-503 & VAN ACCESSIBLE SIGN PER DETAIL 7, DWG CP-503. VAN ACCESSIBLE SIGN MOUNTED BELOW RESERVED PARKING SIGN. SIGN WIDTHS TO MATCH (12" W). MOUNT ON STEEL POST 2" SQ. 4" H. SIGN LAYOUT PER WSDOT STANDARD PLAN M-17.10-02. SIGNS PLACED IN CONCRETE SHALL BE SURFACE MOUNT ONLY. SIGNS IN UNPAVED AREAS SHALL HAVE FOUNDATIONS PER COL DETAIL PS-05, DWG CP-503.

CHECKED BY: / DATE: /
 CORRECTED BY: / DATE: /
 VERIFIED BY: / DATE: /
 07/28/20 | 5:55 PM | IFEWINS
 \\PZSEAT1\ELC\DRIVER\K3090903B\ADD & BMS\SHEET\TASK 03B NORTH PARKING LOT\SR30909-03B-CP-111.DWG

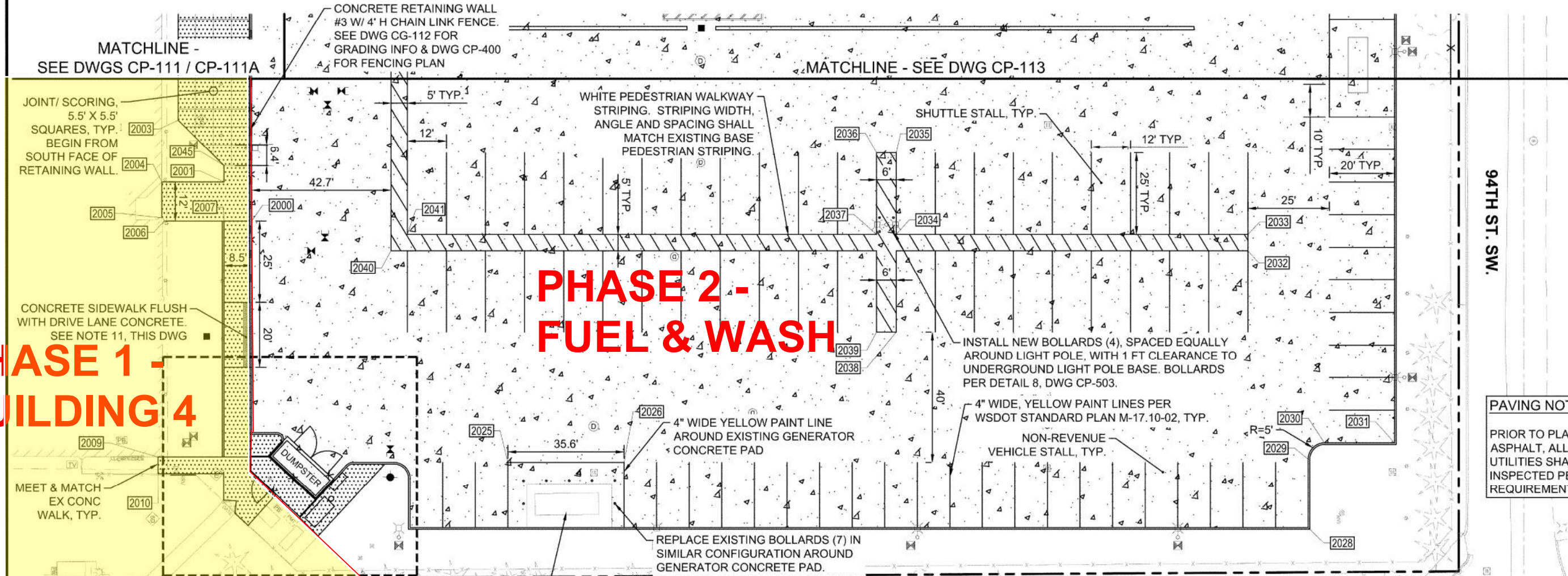
ISSUED FOR BID

	Huitt-Zoliars, Inc. 818 Stewart Street, Suite 1120 Seattle, Washington, 98101 Phone (206) 324-5500 Fax (206) 328-1880	F. WALL 7/28/2020	DESIGNED BY: M. FEWINS 7/28/2020	ISSUE DATE: 7/28/2020	PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH PAVING, STRIPING & SIGNING PLAN	DRAWING No.: CP-111 SHEET No.: 18 OF 70
			DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03		
			CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-CP-111.DWG		

SE 1/4 OF SEC. 36, T 20N, R 2E, W.M.

**PHASE 1 -
BUILDING 4**

**PHASE 2 -
FUEL & WASH**



PAVING NOTE:
PRIOR TO PLACING CONCRETE OR ASPHALT, ALL NEW UNDERGROUND UTILITIES SHALL BE TESTED AND INSPECTED PER PLANS AND AHJ REQUIREMENTS.

- NOTES:**
- SEE DWG GI-002 FOR LEGEND ABBREVIATIONS.
 - SEE DWG GI-004 FOR CURB DETAILS.
 - AREAS IMPACTED OR DAMAGED BY CONSTRUCTION BUT NOT LIMITED TO CURB, GRASSED AREAS AND EXISTING PAVEMENT SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.
 - SEE DWG CP-501 FOR PAVING POINT TABLES.
 - PROTECT / MAINTAIN ALL EXISTING UTILITIES TO STORM DRAIN CATCH BASINS.
 - CURB HEIGHT SHALL BE 6" UNLESS OTHERWISE SPECIFIED.
 - ADA CROSSHATCHED DUMPSTER ENCLOSURE SHALL BE PER WSDOT STANDARD PLAN M-17.10-02.
 - ALL PAVEMENT STRIPING SHALL BE PER WSDOT STANDARD PLAN M-17.10-02.
 - RADIUS & NORTHING & CURVATURE SHALL BE PER WSDOT STANDARD PLAN M-17.10-02.
 - FOR FENCING AND CURB DETAILS SEE DWG CP-400.
 - FLUSH CONCRETE SIDEWALK SURFACE PER COL DETAIL 8.

SHUTTLE STALLS (12' W X 25' D)	42
NON-REVENUE VEHICLE STALLS (10' W X 20' D)	37

AP = ANGLE POINT
FC = FACE OF CURB
ME = MATCH EXISTING
PC = POINT OF CURVATURE
PI = POINT OF INTERSECTION
PT = POINT OF TANGENCY
RP = RADIUS POINT
S/W = SIDEWALK EDGE

PAVING POINT TABLE

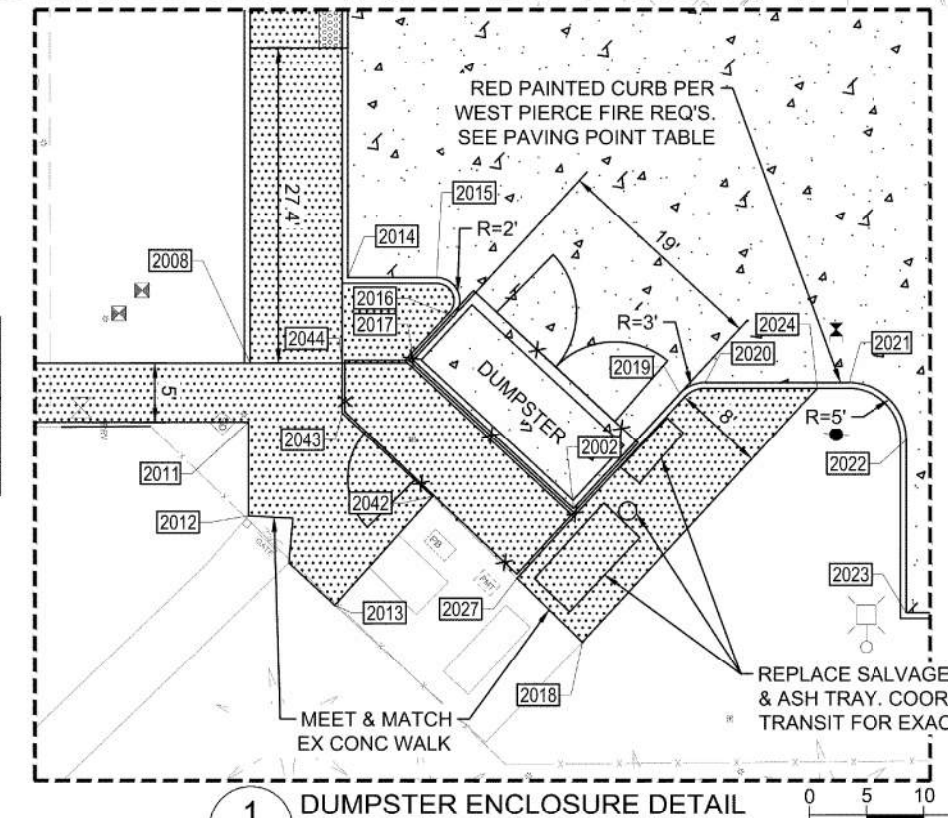
#	NORTHING	EASTING	DESCRIPTION
2000	676391.67	1146909.52	BW
2001	676383.42	1146897.38	AP, S/W
2002	676409.48	1146994.97	FC, AP
2003	676369.74	1146878.12	AP, S/W
2004	676364.31	1146896.93	AP, S/W, ME
2005	676364.08	1146907.95	AP, S/W, ME
2006	676364.72	1146908.94	S/W
2007	676383.17	1146909.34	S/W, AP, FC, BEGIN CURB
2008	676381.63	1146981.72	S/W, AP, FC, END CURB
2009	676361.34	1146981.29	S/W, ME
2010	676361.29	1146986.42	S/W, ME
2011	676381.39	1146986.85	S/W, AP
2012	676381.22	1146995.02	S/W, AP

PAVING POINT TABLE

#	NORTHING	EASTING	DESCRIPTION
2021	676433.68	1146984.53	FC, PC
2022	676438.58	1146989.63	FC, PT, END RED PAINTED CURB
2023	676438.26	1147004.63	AP, FC
2024	676430.89	1146984.97	END S/W
2025	676468.68	1146985.27	STRIPING AP
2026	676504.29	1146986.03	STRIPING AP
2027	676404.45	1147000.94	S/W, AP, ME
2028	676713.82	1147010.48	AP, FC
2029	676714.26	1146989.48	FC, PC
2030	676719.37	1146984.59	FC, PT
2031	676740.86	1146985.04	AP, FC
2032	676697.12	1146925.11	STRIPING AP
2033	676697.23	1146920.11	STRIPING AP

PAVING POINT TABLE

#	NORTHING	EASTING	DESCRIPTION
2043	676389.54	1146986.24	S/W, AP
2044	676389.63	1146981.89	S/W, AP
2045	676383.53	1146892.39	S/W, AP



ORTH PARKING LOT/SR20309-03B-CP-112.DWG

LEGEND

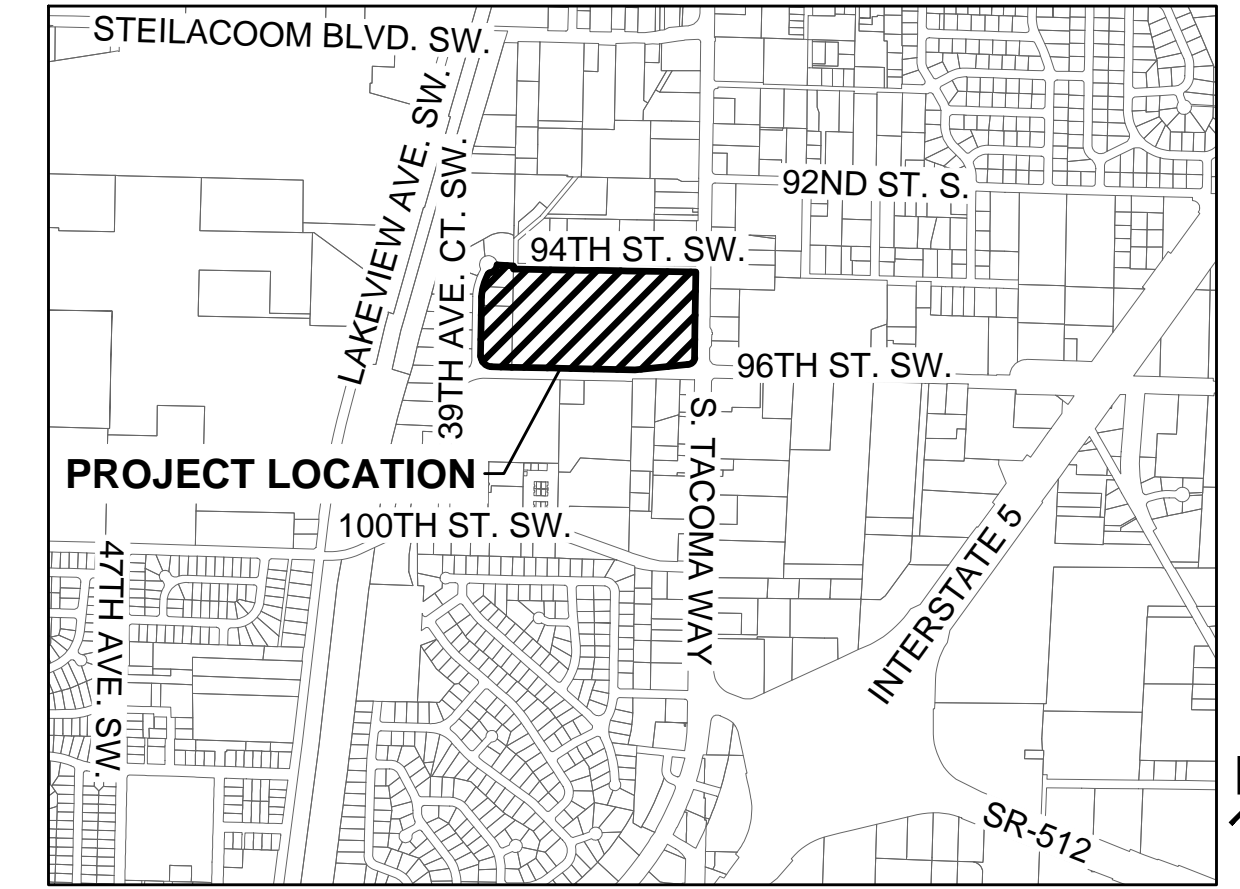
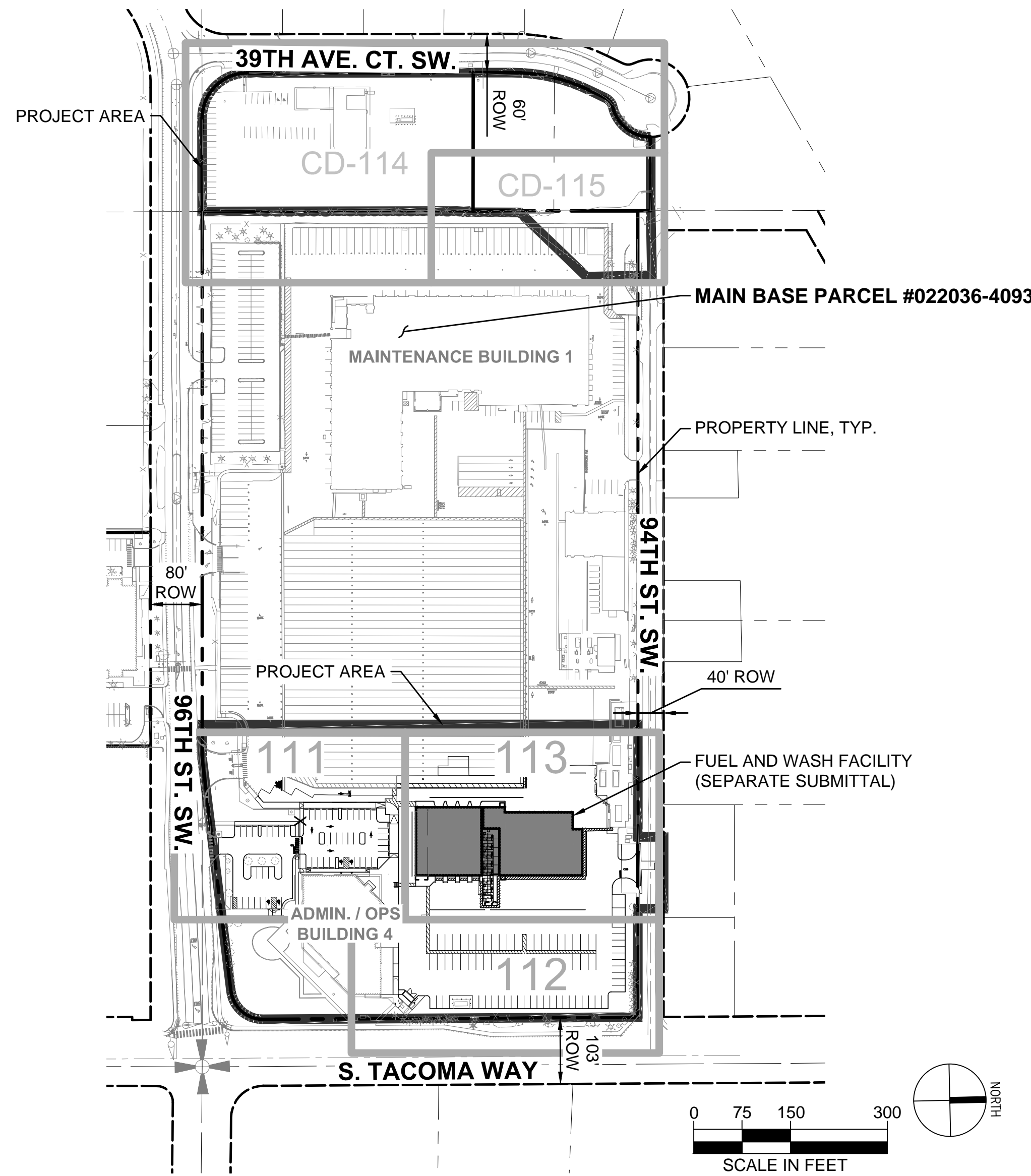
BASIS OF NORTH TACOMA INTERSECTION SOUTH WASHINGTON

PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH

JULY 2020

SHEET INDEX

SHEET NO.	DRAWING NO.	DRAWING TITLE
1	GI-001	COVER SHEET, SHEET INDEX & OVERALL SHEET LAYOUT MAP
2	GI-002	LEGENDS, GENERAL NOTES, SYMBOLS & ABBREVIATIONS
3	GI-003	GENERAL NOTES
4	GI-004	CITY OF LAKEWOOD & PIERCE COUNTY STANDARD NOTES
5	GI-005	UTILITY CROSSINGS TABLE
6	VF-111	EXISTING CONDITIONS PLAN
7	VF-112	EXISTING CONDITIONS PLAN
8	VF-113	EXISTING CONDITIONS PLAN
9	VF-400	ADDITIONAL EXISTING CONDITIONS INFORMATION
10	VF-401	BOUNDARY & EASEMENT MAP
11	VF-402	SURVEY CONTROL PLAN
12	CD-111	EROSION CONTROL & DEMOLITION PLAN
13	CD-112	EROSION CONTROL & DEMOLITION PLAN
14	CD-113	EROSION CONTROL, DEMOLITION & TEMPORARY GATE PLAN
15	CD-114	TEMPORARY HAUL ROUTE TESC, DEMOLITION & STOCKPILE PLAN
16	CD-115	TEMPORARY HAUL ROUTE PLAN & PROFILE
17	CD-501	EROSION CONTROL DETAILS
18	CP-111	PAVING, STRIPING & SIGNING PLAN
19	CP-111A	PAVING & STRIPING LAYOUT PLAN
20	CP-112	PAVING & STRIPING PLAN
21	CP-113	PAVING & STRIPING PLAN
22	CP-400	OVERALL FENCING & CURBING PLAN
23	CP-410	CONCRETE JOINT PLAN
24	CP-501	PAVING & STRIPING DETAILS
25	CP-502	PAVING & CURBING DETAILS
26	CP-503	PAVING & SIGNING DETAILS
27	CP-504	FENCING & GATE DETAILS
28	CP-510	SLIDING GATE DETAILS & LAYOUT PLAN
29	CP-700	RETAINING WALLS & STAIRS PLANS, PROFILES & DETAILS
30	CP-701	RETAINING WALL & STAIRS DETAILS
31	CP-702	HANDRAIL DETAILS
32	CP-703	STEEL LIGHT DETAILS
33	CP-704	RETAINING WALL AT LIGHT POLE DETAILS
34	CP-705	CEMENT CONCRETE PAVEMENT JOINTS DETAILS
35	CP-706	STRUCTURAL NOTES
36	CG-111	GRADING PLAN
37	CG-112	GRADING PLAN
38	CG-113	GRADING PLAN
39	CG-511	GRADING DETAILS
40	CG-512	GRADING DETAILS
41	UD-111	STORM DRAINAGE PLAN
42	UD-112	STORM DRAINAGE PLAN
43	UD-113	STORM DRAINAGE PLAN
44	UD-201	STORM DRAINAGE PROFILES
45	UD-202	STORM DRAINAGE PROFILES
46	UD-203	STORM DRAINAGE PROFILES
47	UD-204	STORM DRAINAGE PROFILES
48	UD-205	STORM DRAINAGE PROFILES
49	UD-400	OVERALL STORM DRAINAGE PLAN
50	UD-501	STORM DRAINAGE DETAILS
51	UD-502	STORM DRAINAGE DETAILS
52	UD-503	STORM DRAINAGE DETAILS
53	UW-112	WATER PLAN
54	UW-113	WATER PLAN
55	UW-201	WATER PROFILES
56	UW-202	WATER PROFILES
57	UW-501	WATER DETAILS
58	US-113	SANITARY SEWER PLAN
59	US-201	SANITARY SEWER PROFILES
60	US-501	SANITARY SEWER DETAILS
61	UE-111	SITE POWER, LIGHTING, COMMUNICATIONS & GAS PLAN
62	UE-112	SITE POWER, LIGHTING, COMMUNICATIONS & GAS PLAN
63	UE-113	SITE POWER, LIGHTING, COMMUNICATIONS & GAS PLAN
64	LS-111	LANDSCAPING PLAN
65	LS-112	LANDSCAPING PLAN
66	LS-501	LANDSCAPING DETAILS
67	LI-111	IRRIGATION PLAN
68	LI-112	IRRIGATION PLAN
69	LI-501	IRRIGATION DETAILS
70	LI-502	IRRIGATION DETAILS



VICINITY MAP (4" = 1 MILE)

PROJECT INFORMATION:

ADDRESS: 3701 96TH STREET SW, LAKEWOOD, WA 98499
 PARCEL #: 022036-4093
 OWNER: PIERCE TRANSIT
 CONTACT: DOUG DICKINSON, PHONE #: (253) 581-8022

CITY OF LAKEWOOD PUBLIC WORKS ENGINEERING DEPARTMENT

APPROVED THIS _____ DAY OF _____, 20____
 BY THE CITY OF LAKEWOOD PUBLIC WORKS ENGINEERING DEPARTMENT
 CITY ENGINEER OR DESIGNEE

BASIS OF BEARING:
 NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

HORIZONTAL DATUM:
 WASHINGTON STATE PLANE SOUTH COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983, ADJUSTED IN 1991(NAD 83/91).

VERTICAL DATUM:
 NORTH AMERICAN VERTICAL DATUM OF 1988(NAVD 88).

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES AND SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE: **811** A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION

CONTRACTOR'S NOTES:
 CONTRACTOR SHALL RECORD ANY FIELD DEVIATION FROM ENGINEERING PLAN. THESE RECORDS SHALL BE KEPT ON CONSTRUCTION DRAWINGS AND TURNED OVER TO ENGINEER UPON COMPLETION OF PROJECT.

THE LOCATIONS OF THE EXISTING SURFACE UTILITIES & TOPOGRAPHIC FEATURES WERE COMPILED FROM FIELD SURVEY PERFORMED BY HZ DATED 3/18/19. AVAILABLE RECORD DOCUMENTS PROVIDED BY PIERCE TRANSIT AND SITE VERIFICATION. UTILITIES SHOWN ARE BASED UPON SURFACE FEATURES & UNDERGROUND UTILITY PAINT MARKS (BY OTHERS). NO POT-HOLING WAS PERFORMED. HZ MAKES NO WARRANTY AS TO THE ACCURACY OF THE UNDERGROUND UTILITY LOCATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN AREAS TO BE IMPACTED BY CONSTRUCTION ACTIVITIES.

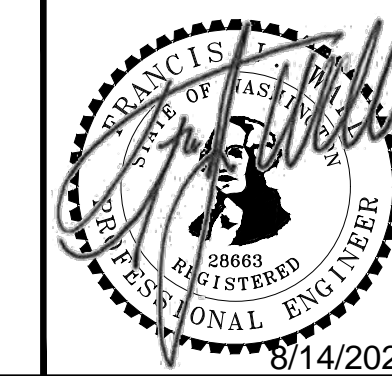
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 08/14/20 | 12:54 PM | AARDOUREL
 \H\SEATTLE\DRIVER\309309\00\CADD & BIM\SHEETS\TASK 03B NORTH PARKING LOT\SR309309-03B-GI-001.DWG

ISSUED FOR BID

No.	DATE	BY	CHD	REVISION
1	8/17/2020			BID ADDENDUM



HUITT-ZOLIARS
 Huitt-Zollars, Inc. Seattle
 818 Stewart Street, Suite 1120
 Seattle, Washington, 98101
 Phone (206) 324-5500 Fax (206) 328-1880



DESIGNED BY: M. FEWINS	ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-GI-001.DWG

PIERCE TRANSIT MAINTENANCE BASE
 BUILDING 4 PARKING AND FUEL AND WASH
 COVER SHEET, SHEET INDEX & OVERALL SHEET
 LAYOUT MAP

DRAWING No.: **GI-001**
 SHEET No.: 1 OF 70

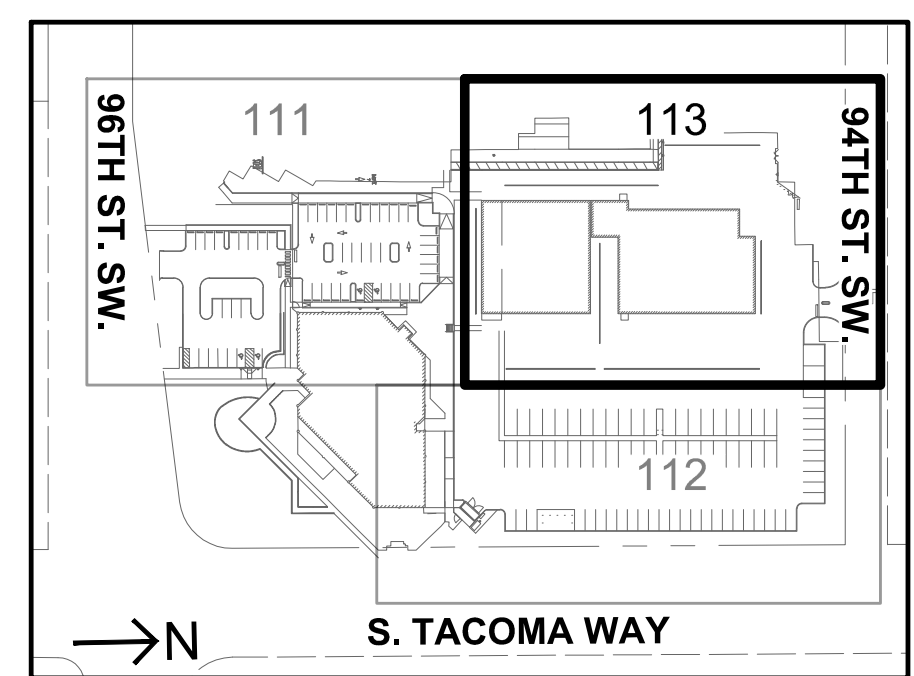
SE 1/4 OF SEC. 36, T 20N, R 2E, W.M.

CNG YARD NOTE:
DEMOLITION OF EXISTING SITE FEATURES ADJACENT TO CNG YARD (FENCE, GATES, BOLLARDS, JERSEY BARRIERS, ETC.) ARE SHOWN FOR BIDDING PURPOSES. FINAL DEMO LIMITS AND AMOUNTS SHALL BE PER CNG YARD IMPROVEMENTS (SEE BUILDING PLANS).

NOTE:
CONSTRUCTION LIMITS AND TEMPORARY FENCING TO BE COORDINATED BETWEEN PIERCE TRANSIT AND THE CONTRACTOR PRIOR TO CONSTRUCTION.

WATER DEMOLITION NOTE:
48 HOURS PRIOR TO DEMOLISHING WATER MAIN, CONTRACTOR SHALL EXPOSE AND VERIFY LOCATION, DEPTH AND CONDITION OF EXISTING PIPES AT CONNECTION LOCATIONS AND NOTIFY ENGINEER IMMEDIATELY.

CONSTRUCTION ENTRANCE NOTE:
PRIOR TO DEMOLITION OR GRADING ACTIVITIES CONTRACTOR SHALL ESTABLISH CONSTRUCTION ACCESS PER SWPPP ELEMENT 2 AND SHALL CONFORM TO LOCAL AND STATE REQUIREMENTS.



LEGEND

- DEMO CONC S/W. ASSUME 4" DEPTH
- DEMO ASPHALT. ASSUME 2" DEPTH
- DEMO CONC PANEL. ASSUME 7" DEPTH
- INLET PROTECTION
- TREE DEMO
- TP TREE PROTECTION FENCE
- SF SILT FENCE
- CLEARING AND GRUBBING OR TOPSOIL STRIPPING LIMITS
- SAWCUT
- DEMO CURB & GUTTER
- DEMO EXISTING UTILITY LINES/STRUCTURES & MISC. SITE FEATURES SHOWN IN BOLD, TYP.

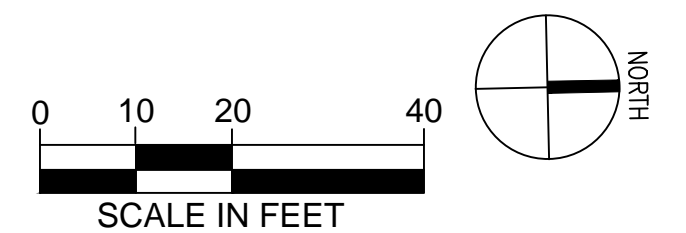
- NOTES:**
- SEE DWG GI-002 FOR LEGENDS, GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
 - SEE DWG GI-003 FOR HZ NOTES AND DETAIL REFERENCES. SEE DWG GI-004 FOR COL STANDARD NOTES.
 - AREAS IMPACTED OR DAMAGED BY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO CONCRETE, ASPHALT, SIDEWALK, CURB AND GUTTER, GRASSED AREAS AND EXISTING UTILITY SYSTEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.
 - WHERE EXISTING CONCRETE PANELS, SIDEWALK OR CURB ARE TO BE DEMOLISHED, CONTRACTOR SHALL DEMOLISH TO NEAREST JOINT UNLESS OTHERWISE SPECIFIED. IF NO JOINT IS PRESENT OR IF JOINT IS TOO FAR AWAY, SAWCUT CLEAN EDGE AT LIMITS OF DEMO.
 - CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL EXCESS EXCAVATED MATERIAL AND VEGETATION STRIPPED OR CLEARED AND GRUBBED FROM SITE.
 - IMMEDIATELY UPON INSTALLATION OF NEW CATCH BASINS, INSTALL INLET PROTECTION PER COL DETAIL SW-14, DWG CD-501.
 - SEE ELECTRICAL PLANS FOR ADDITIONAL ONSITE LIGHTING & POWER DEMO.
 - PAVEMENT MARKING AND STRIPING DEMO OUTSIDE OF ASPHALT AND CONCRETE DEMO AREAS SHALL BE REMOVED BY GRINDING PER WSDOT STANDARD SPEC 8-22.3(6) AND/OR HYDROBLASTING.
 - IN GENERAL, UNDERGROUND UTILITIES SHOWN AS DEMO SHALL BE ABANDONED IN PLACE UNLESS OTHERWISE NOTED OR CONFLICTING WITH CONSTRUCTION ACTIVITIES. ALL EXISTING UTILITIES WITHIN THE LIMITS OF THE FUEL & WASH BUILDING SHALL BE DEMOLISHED AND REMOVED.
 - CONTRACTOR SHALL REMOVE EXISTING LIGHT POLES. FOUNDATIONS TO BE REMOVED TO 1' BELOW FINISH GRADE.
 - UTILITY TRENCHING IN EXISTING PAVEMENT SHALL BE PER DETAIL 2, DWG CD-501.

BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

HORIZONTAL DATUM:
WASHINGTON STATE PLANE SOUTH COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983, ADJUSTED IN 1991 (NAD 83/91).

VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

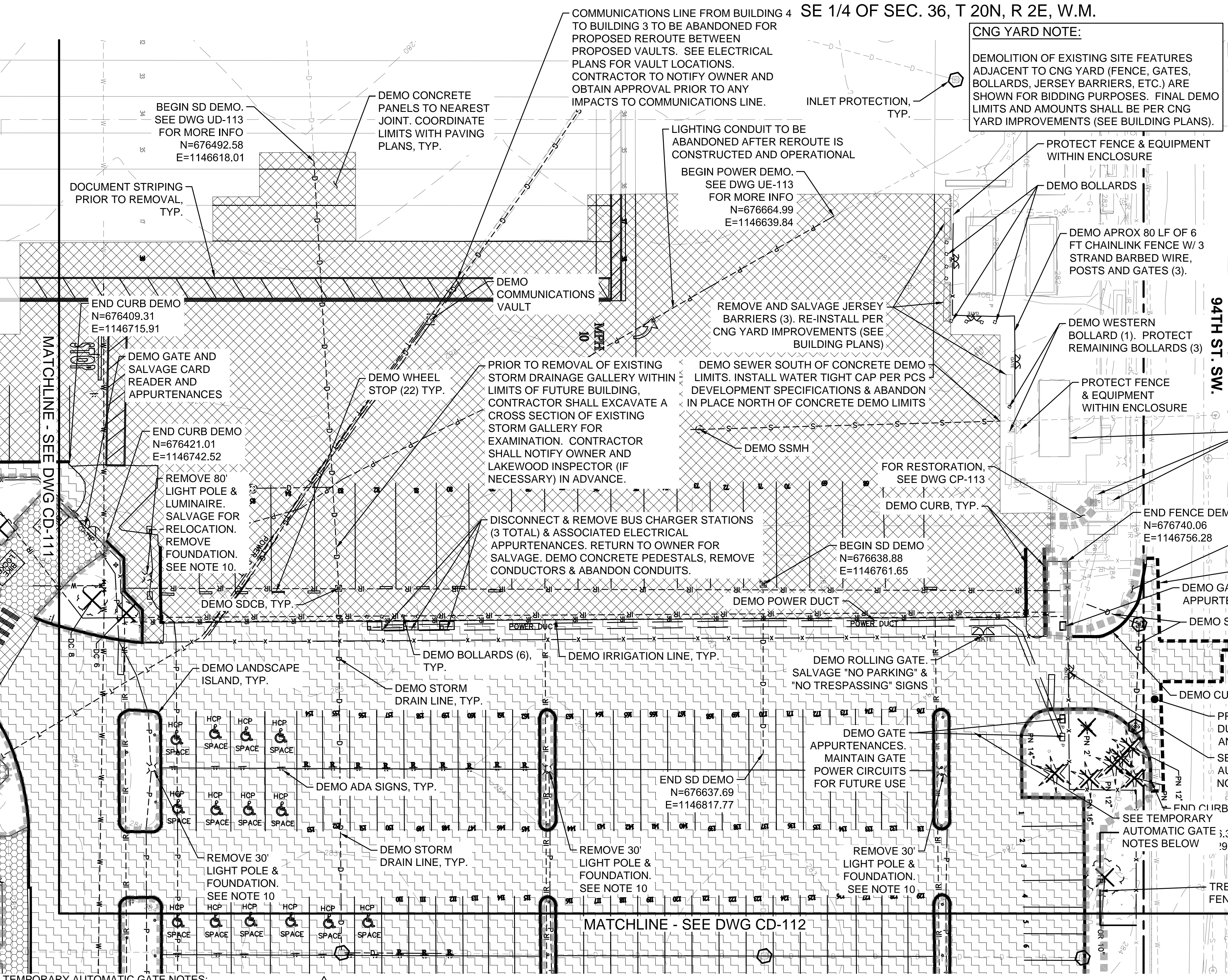
THE LOCATIONS OF THE EXISTING SURFACE UTILITIES & TOPOGRAPHIC FEATURES WERE COMPILED FROM FIELD SURVEY PERFORMED BY HZ DATED 3/18/19. AVAILABLE RECORD DOCUMENTS PROVIDED BY PIERCE TRANSIT AND SITE VERIFICATION. UTILITIES SHOWN ARE BASED UPON SURFACE FEATURES & UNDERGROUND UTILITY PAINT MARKS (BY OTHERS). NO POTHOLING WAS PERFORMED. HZ MAKES NO WARRANTY AS TO THE ACCURACY OF THE UNDERGROUND UTILITY LOCATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN AREAS TO BE IMPACTED BY CONSTRUCTION ACTIVITIES.



NOTE:
SALVAGE ALL SIGNAGE AND RETURN TO OWNER

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES AND SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE:
811
A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION

CONTRACTOR'S NOTES:
CONTRACTOR SHALL RECORD ANY FIELD DEVIATION FROM ENGINEERING PLAN. THESE RECORDS SHALL BE KEPT ON CONSTRUCTION DRAWINGS AND TURNED OVER TO ENGINEER UPON COMPLETION OF PROJECT.



- TEMPORARY AUTOMATIC GATE NOTES:**
- CONTRACTOR SHALL REPAIR EXISTING AUTOMATIC GATE TO WORKING CONDITION. REUSE SALVAGED PARTS FROM AUTOMATIC GATE DEMO AS NEEDED, SEE DWG CD-111. LOCATION OF GATE APPURTENANCES SHALL BE FIELD FIT.
 - INSTALL SALVAGED CARD READER AND APPURTENANCES IN RAISED ISLAND WITH BOLLARDS IN A SIMILAR CONFIGURATION TO DEMOED RAISED ISLAND, DWG CD-111.
 - INSTALL INDUCTIVE LOOP FOR EXITING VEHICLES AND CONNECT TO GATE OPERATOR (ASSUME 4' X 8' WITH THREE LOOPS OF 16 AWG STRANDED WIRE WITH XLPE INSULATION).
 - OWNER TO PROVIDE POINT TO POINT WIRELESS RECEIVER EAST OF EXISTING GATE. FINAL LOCATION OF RECEIVER TBD. CONTRACTOR TO INSTALL TEMPORARY 1-2" CONDUIT AND FIBER FROM EXISTING GATE CONTROLLER TO WIRELESS RECEIVER (ASSUME 100 LF). SUBMIT FIBER FOR OWNER'S APPROVAL.
 - WHEN DIRECTED BY OWNER, CONTRACTOR SHALL ASSUME CONTROL OF TEMPORARY GATE FOR PURPOSES OF USE AS CONSTRUCTION ENTRANCE. CONTRACTOR MAY MODIFY OR REPLACE GATE AS REQUIRED AS LONG AS SITE ACCESS REMAINS SECURE. CONTRACTOR TO CONFIRM SCHEDULE AND PHASING WITH OWNER PRIOR TO ASSUMPTION OF CONTROL OF TEMPORARY GATE.
 - PRIOR TO CONSTRUCTION OF PROPOSED 94TH ST. SW. GATE DEMOLISH TEMPORARY GATE AND ASSOCIATED APPURTENANCES. MAINTAIN EXISTING GATE POWER FEED FOR REUSE IN PROPOSED GATE.

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VH2SEATTLEU-DRIVER309309.000CADB & BIM/SHEETS/TASK 03B NORTH-PARKING LOT/SR309309-03B-CD-113.DWG

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No.	DATE	BY	CHD	REVISION
1	8/17/2020			BID ADDENDUM



HUITT-ZOLIARS
Seattle
Huitt-Zoliars, Inc.
818 Stewart Street, Suite 1120
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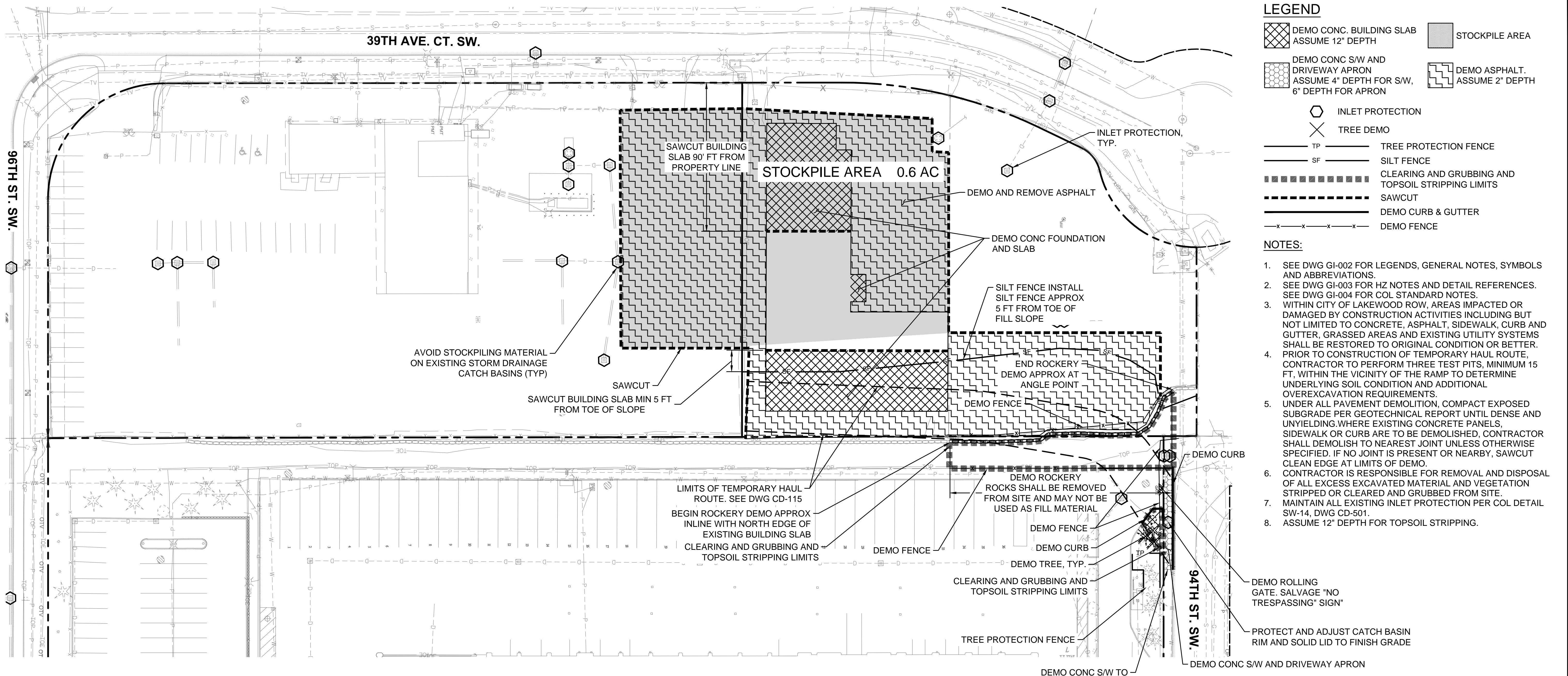
DESIGNED BY: M. FEWINS	ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-CD-113.DWG

PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH

EROSION CONTROL, DEMOLITION & TEMPORARY GATE PLAN

DRAWING No.:	CD-113
SHEET No.:	14 OF 70

SE 1/4 OF SEC. 36, T 20N, R 2E, W.M.



- LEGEND**
- DEMO CONC. BUILDING SLAB ASSUME 12" DEPTH
 - DEMO CONC S/W AND DRIVEWAY APRON ASSUME 4" DEPTH FOR S/W, 6" DEPTH FOR APRON
 - STOCKPILE AREA
 - DEMO ASPHALT. ASSUME 2" DEPTH
 - INLET PROTECTION
 - TREE DEMO
 - TP TREE PROTECTION FENCE
 - SF SILT FENCE
 - CLEARING AND GRUBBING AND TOPSOIL STRIPPING LIMITS
 - SAWCUT
 - DEMO CURB & GUTTER
 - DEMO FENCE

- NOTES:**
1. SEE DWG GI-002 FOR LEGENDS, GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
 2. SEE DWG GI-003 FOR HZ NOTES AND DETAIL REFERENCES. SEE DWG GI-004 FOR COL STANDARD NOTES.
 3. WITHIN CITY OF LAKEWOOD ROW, AREAS IMPACTED OR DAMAGED BY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO CONCRETE, ASPHALT, SIDEWALK, CURB AND GUTTER, GRASSED AREAS AND EXISTING UTILITY SYSTEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. PRIOR TO CONSTRUCTION OF TEMPORARY HAUL ROUTE, CONTRACTOR TO PERFORM THREE TEST PITS, MINIMUM 15 FT, WITHIN THE VICINITY OF THE RAMP TO DETERMINE UNDERLYING SOIL CONDITION AND ADDITIONAL OVEREXCAVATION REQUIREMENTS.
 5. UNDER ALL PAVEMENT DEMOLITION, COMPACT EXPOSED SUBGRADE PER GEOTECHNICAL REPORT UNTIL DENSE AND UNYIELDING. WHERE EXISTING CONCRETE PANELS, SIDEWALK OR CURB ARE TO BE DEMOLISHED, CONTRACTOR SHALL DEMOLISH TO NEAREST JOINT UNLESS OTHERWISE SPECIFIED. IF NO JOINT IS PRESENT OR NEARBY, SAWCUT CLEAN EDGE AT LIMITS OF DEMO.
 6. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL EXCESS EXCAVATED MATERIAL AND VEGETATION STRIPPED OR CLEARED AND GRUBBED FROM SITE.
 7. MAINTAIN ALL EXISTING INLET PROTECTION PER COL DETAIL SW-14, DWG CD-501.
 8. ASSUME 12" DEPTH FOR TOPSOIL STRIPPING.

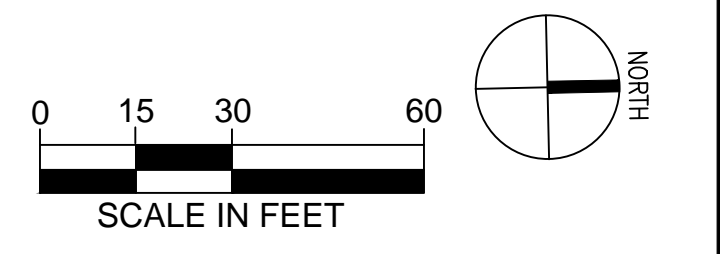
CONSTRUCTION ENTRANCE NOTE:
PRIOR TO DEMOLITION OR GRADING ACTIVITIES CONTRACTOR SHALL ESTABLISH CONSTRUCTION ACCESS PER SWPPP ELEMENT 2 AND SHALL CONFORM TO LOCAL AND STATE REQUIREMENTS.

BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

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CONTRACTOR'S NOTES:
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CHECKED BY: / DATE: /
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VERIFIED BY: / DATE: /
08/14/20 | 12:55 PM | AARDOUREL
VHSSEATTLEU-DRIVER309309.00CADD & BIM/SHEETS/TASK 03B NORTH PARKING LOT/SR309309-03B-CD-114.DWG

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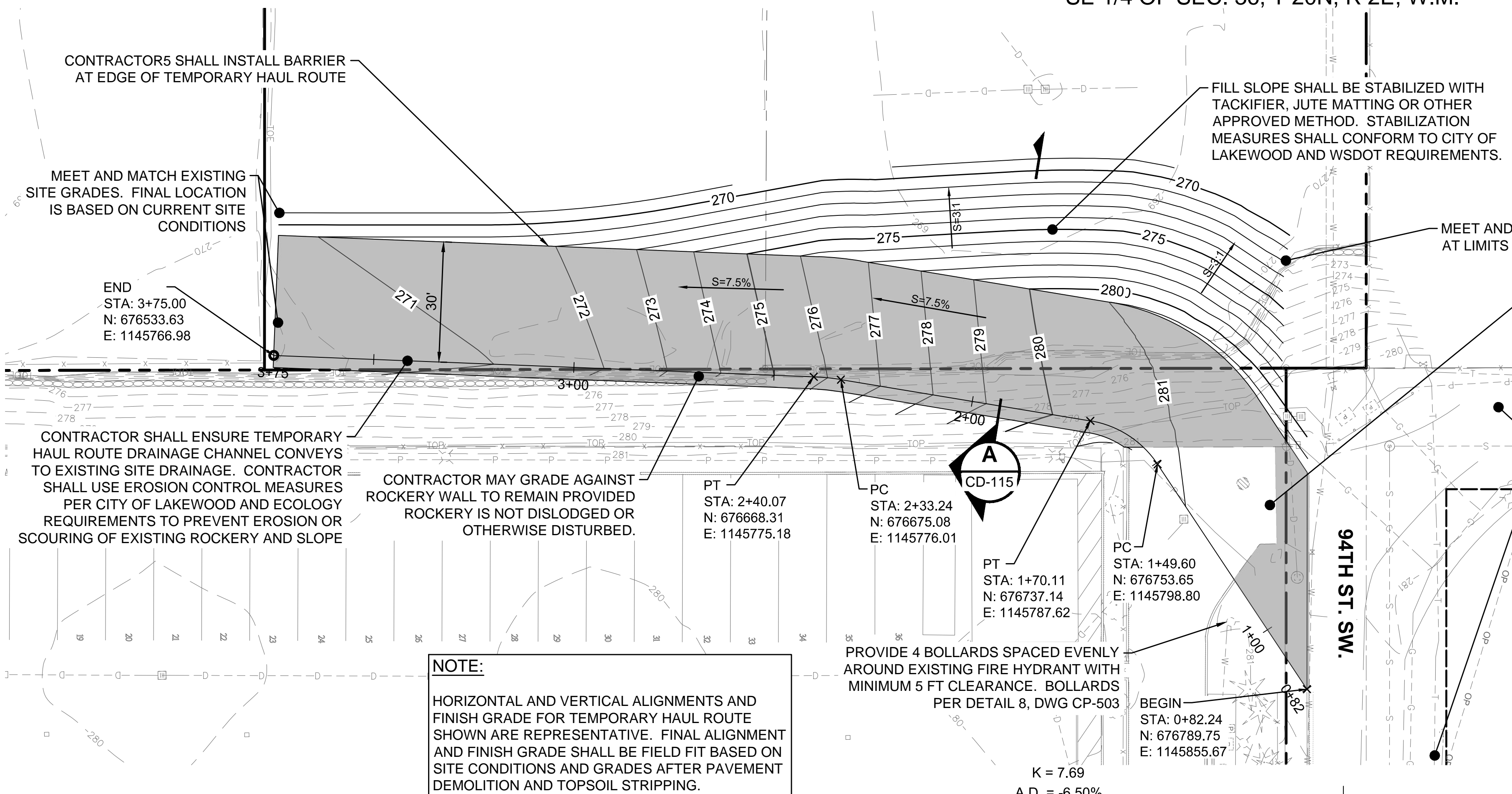


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PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH

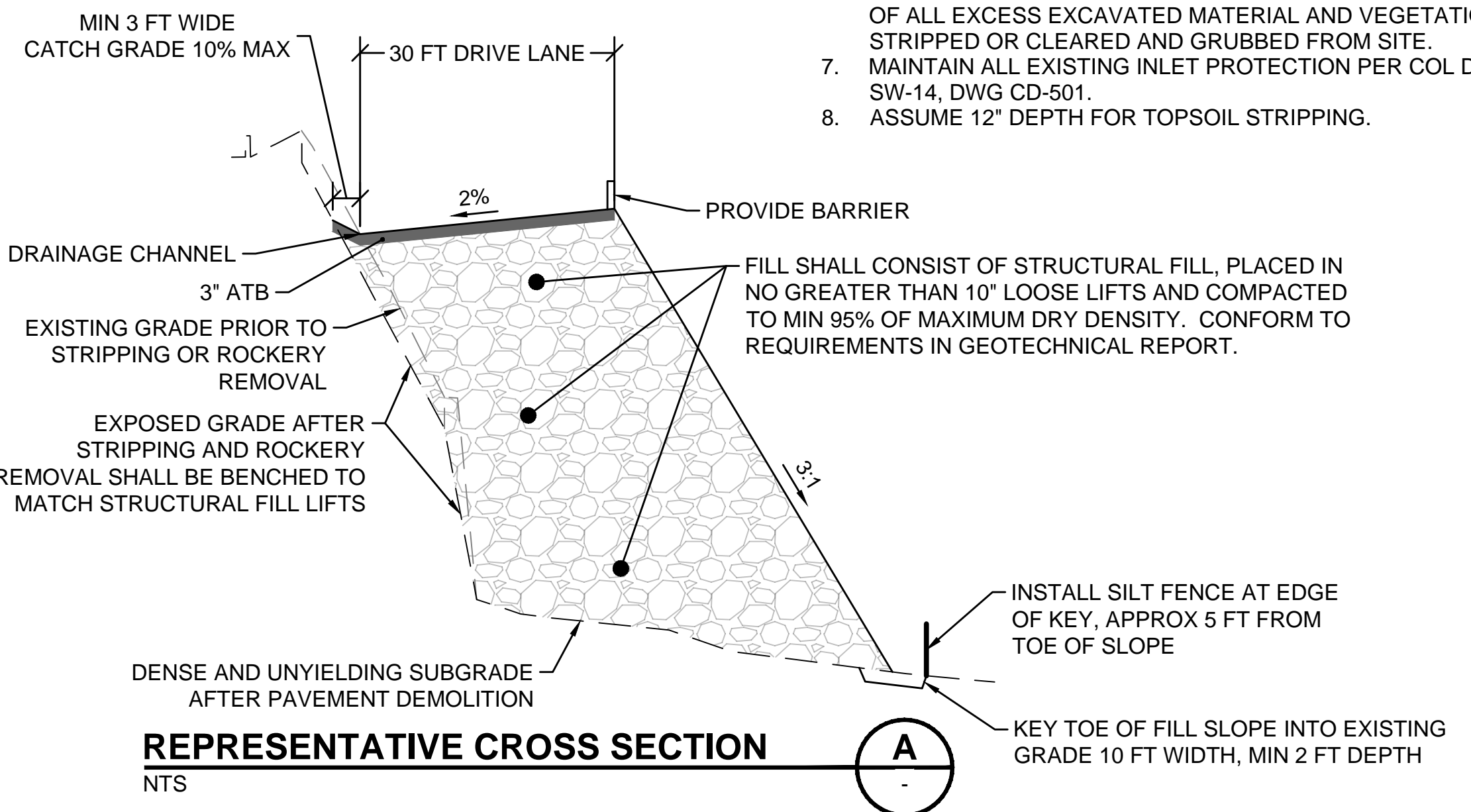
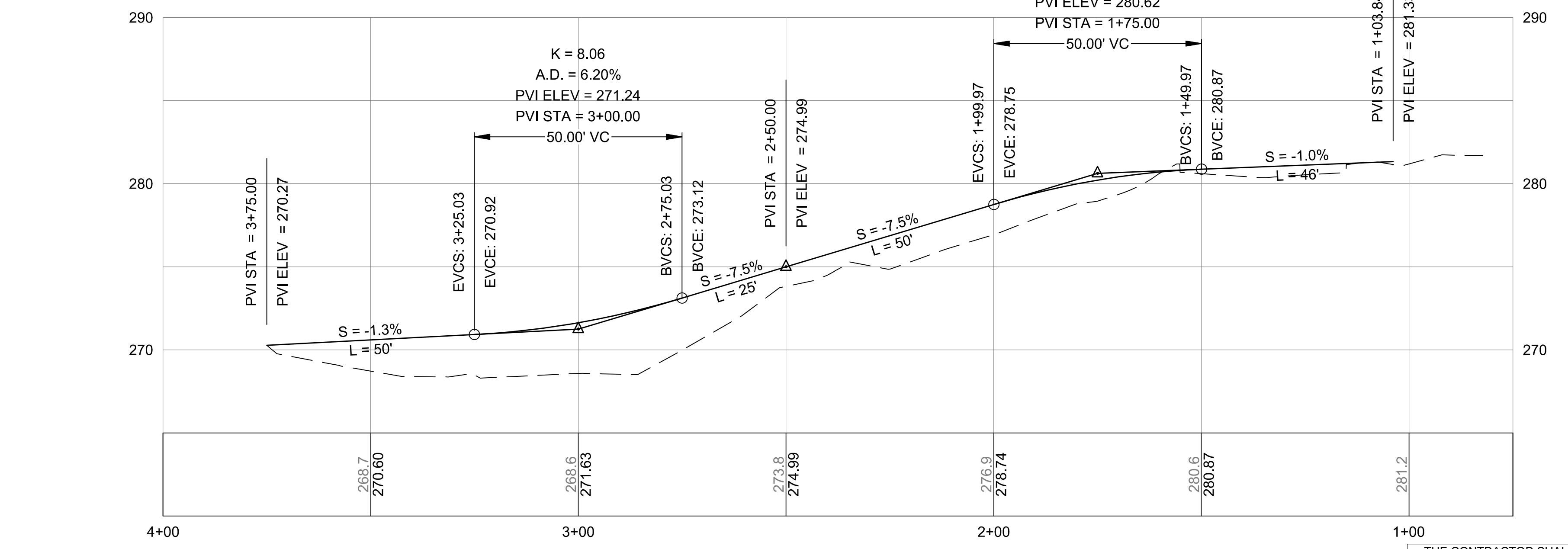
TEMPORARY HAUL ROUTE TESC, DEMOLITION & STOCKPILE PLAN

DRAWING No.: **CD-114**
SHEET No.: 15 OF 70



- LEGEND**
- TEMPORARY HAUL ROUTE W/ 3" ATB
 - EXISTING 1 FT CONTOUR
 - 5 FT CONTOUR
 - 1 FT CONTOUR
 - S=7.5% SLOPE

- NOTES:**
1. SEE DWG GI-002 FOR LEGENDS, GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
 2. SEE DWG GI-003 FOR HZ NOTES AND DETAIL REFERENCES. SEE DWG GI-004 FOR COL STANDARD NOTES.
 3. WITHIN CITY OF LAKEWOOD ROW, AREAS IMPACTED OR DAMAGED BY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO CONCRETE, ASPHALT, SIDEWALK, CURB AND GUTTER, GRASSED AREAS AND EXISTING UTILITY SYSTEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. PRIOR TO CONSTRUCTION OF TEMPORARY HAUL ROUTE, CONTRACTOR TO PERFORM THREE TEST PITS, MINIMUM 15 FT, WITHIN THE VICINITY OF THE RAMP TO DETERMINE UNDERLYING SOIL CONDITION AND ADDITIONAL OVEREXCAVATION REQUIREMENTS.
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 6. MAINTAIN ALL EXISTING INLET PROTECTION PER COL DETAIL SW-14, DWG CD-501.
 7. ASSUME 12" DEPTH FOR TOPSOIL STRIPPING.

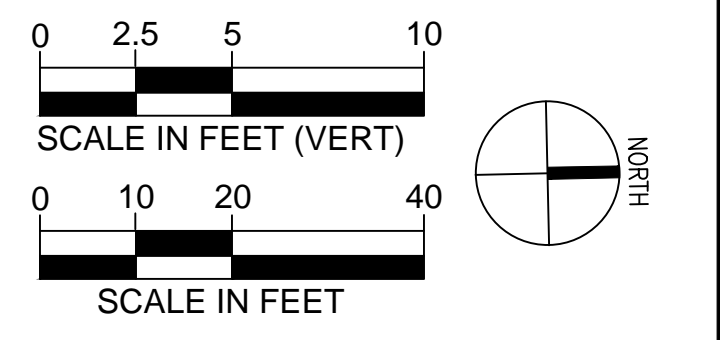


CONSTRUCTION ENTRANCE NOTE:
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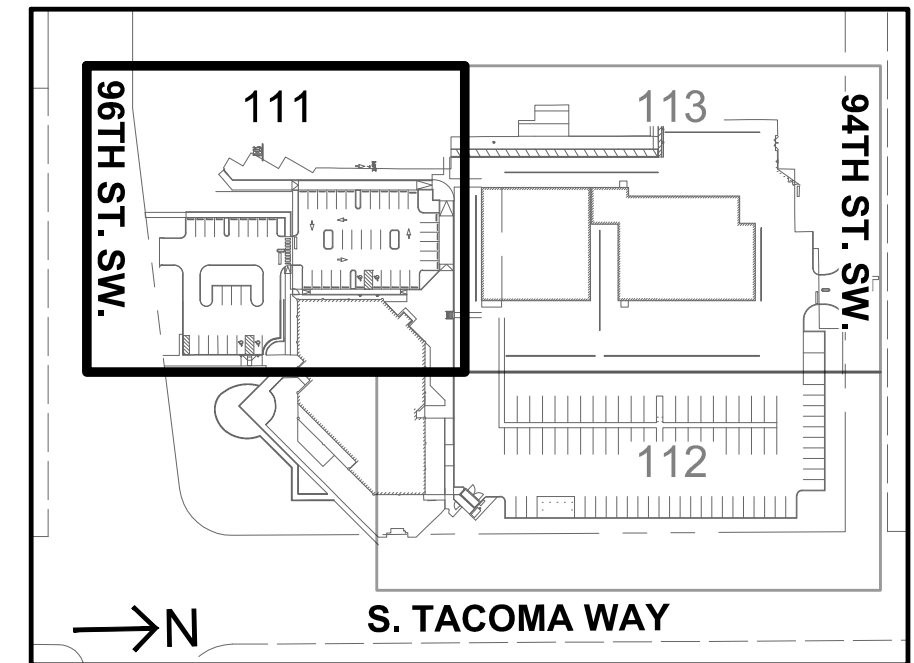
HUITT-ZOLIARS
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DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-CD-115.DWG

PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH		DRAWING No.:
TEMPORARY HAUL ROUTE PLAN & PROFILE		CD-115
		SHEET No.:
		16 OF 70

CHECKED BY: / DATE: /
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 08/14/2020 12:55 PM J. ARDOUREL
 \H\SEATTLE\DRIVER\309309\00\CADD & BIM\SHEET\TASK 03B NORTH PARKING LOT\SR309309-03B-CD-115.DWG



PAVING NOTE:
PRIOR TO PLACING CONCRETE OR ASPHALT, ALL NEW UNDERGROUND UTILITIES SHALL BE TESTED AND INSPECTED PER PLANS AND AHJ REQUIREMENTS.

NOTE:
SEE DWG CP-111A FOR ADDITIONAL PAVING AND STRIPING LAYOUT INFORMATION.

LEGEND

- CONCRETE PER SECTION A, DWG CP-501
- CONCRETE SIDEWALK PER COL DETAIL FR-08, DWG CP-502
- LIGHT DUTY PAVEMENT PER SECTION B, DWG CP-501
- ASPHALT PAVEMENT TRENCH PATCH PER COL DETAIL RW-07, DWG CP-502
- CEMENT CONCRETE DOWELLED CURB / INTEGRAL CURB & WALK / TRAFFIC BARRIER CURB. SEE DWG CP-400 FOR MORE DETAIL
- 4" WIDE YELLOW PAINT LINE PER WSDOT STANDARD PLAN M-17.10-02
- CHAIN LINK FENCE PER COL DETAIL MI-07, DWG CP-504. SEE DWG CP-400 FOR LAYOUT INFO.

NOTES:

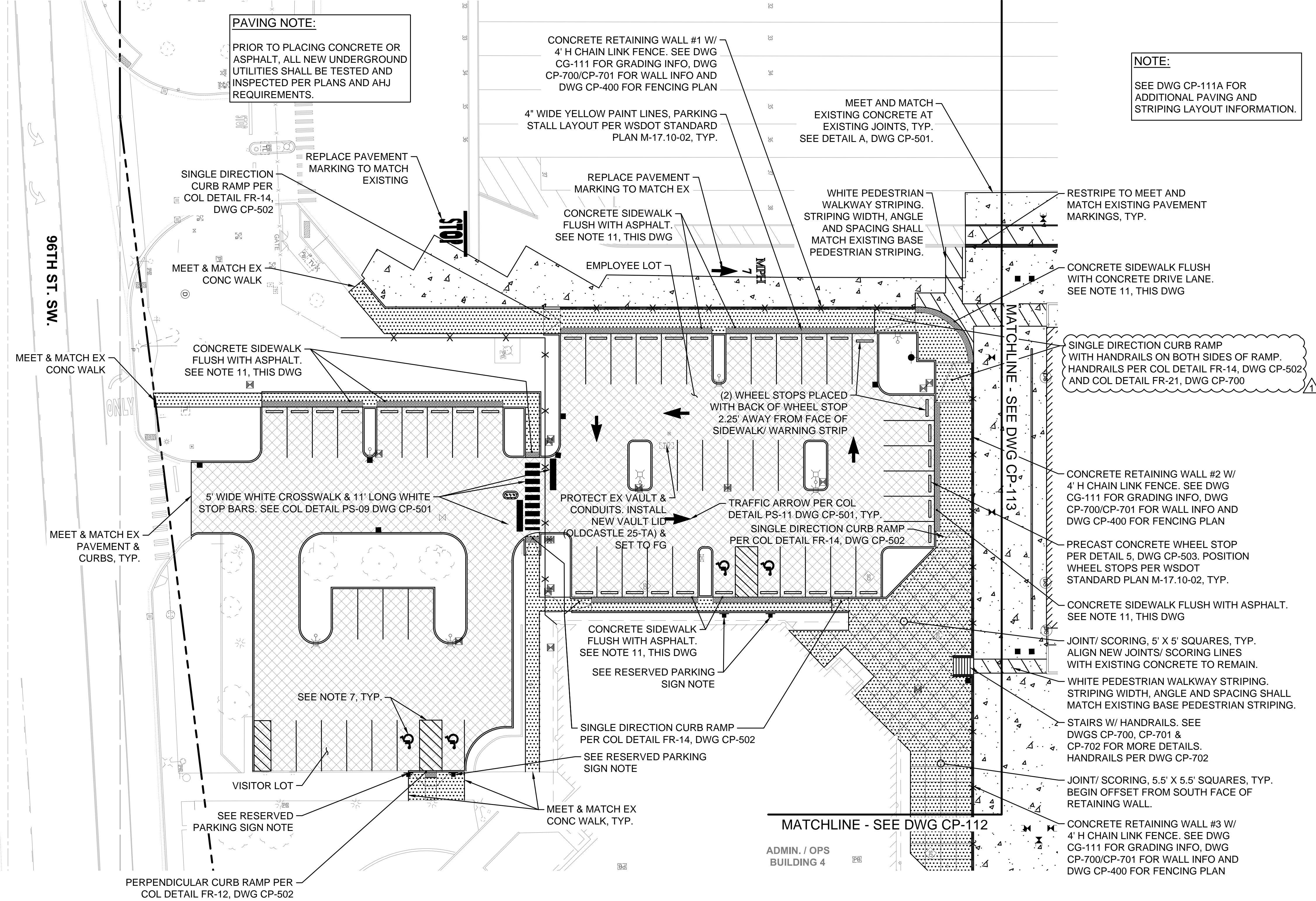
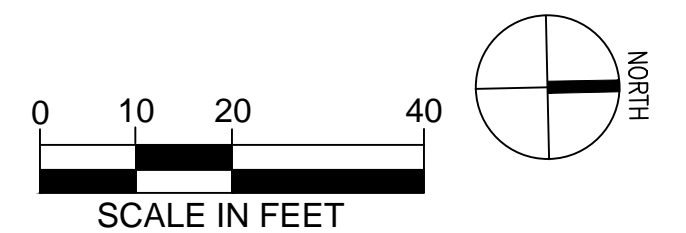
1. SEE DWG GI-002 FOR LEGENDS, GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
2. SEE DWG GI-004 FOR COL STANDARD NOTES.
3. AREAS IMPACTED OR DAMAGED BY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO CONCRETE, ASPHALT, SIDEWALK, CURB AND GUTTER, GRASSED AREAS AND EXISTING UTILITY SYSTEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER.
4. SEE DWG CP-501 FOR PAVING INSTRUCTIONS, PAVEMENT SECTIONS AND CURB DETAILS.
5. PROTECT / MAINTAIN ALL SURFACE FEATURES INCLUDING, BUT NOT LIMITED TO STORM DRAIN CATCH BASINS, VALVE COVERS, CLEANOUT COVERS, ETC.
6. CURB HEIGHT SHALL BE 6" FROM FINISHED PAVEMENT GRADE, UNLESS OTHERWISE SPECIFIED.
7. ADA CROSSHATCHED DELINEATIONS AND ACCESS PARKING SPACE SYMBOL SHALL BE PER WSDOT STANDARD PLAN M-17.10-02.
8. ALL PAVEMENT STRIPING SHALL BE 4" WIDE YELLOW PAINT LINES PER WSDOT STANDARD PLAN M-17.10.02 UNLESS OTHERWISE SPECIFIED.
9. RADIUS & NORTHING & EASTING CALLOUTS ARE TO BOTTOM FACE OF CURB.
10. FOR FENCING AND CURBING PLAN SEE DWG CP-400.
11. FLUSH CONCRETE SIDEWALK: PROVIDE 2" WIDE DETECTABLE WARNING SURFACE PER COL DETAIL FR-16, DWG CP-502, TYP.

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RESERVED PARKING SIGN NOTE:
RESERVED PARKING SIGNS PER DETAIL 6, DWG CP-503 & VAN ACCESSIBLE SIGN PER DETAIL 7, DWG CP-503. VAN ACCESSIBLE SIGN MOUNTED BELOW RESERVED PARKING SIGN. SIGN WIDTHS TO MATCH (12" W). MOUNT ON STEEL POST 2" SQ. 4" H. SIGN LAYOUT PER WSDOT STANDARD PLAN M-17.10-02. SIGNS PLACED IN CONCRETE SHALL BE SURFACE MOUNT ONLY. SIGNS IN UNPAVED AREAS SHALL HAVE FOUNDATIONS PER COL DETAIL PS-05, DWG CP-503.

TOTAL ADA STALLS	4
TOTAL STANDARD STALLS	51

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08/14/20 | 12:55 PM | AARDORRE
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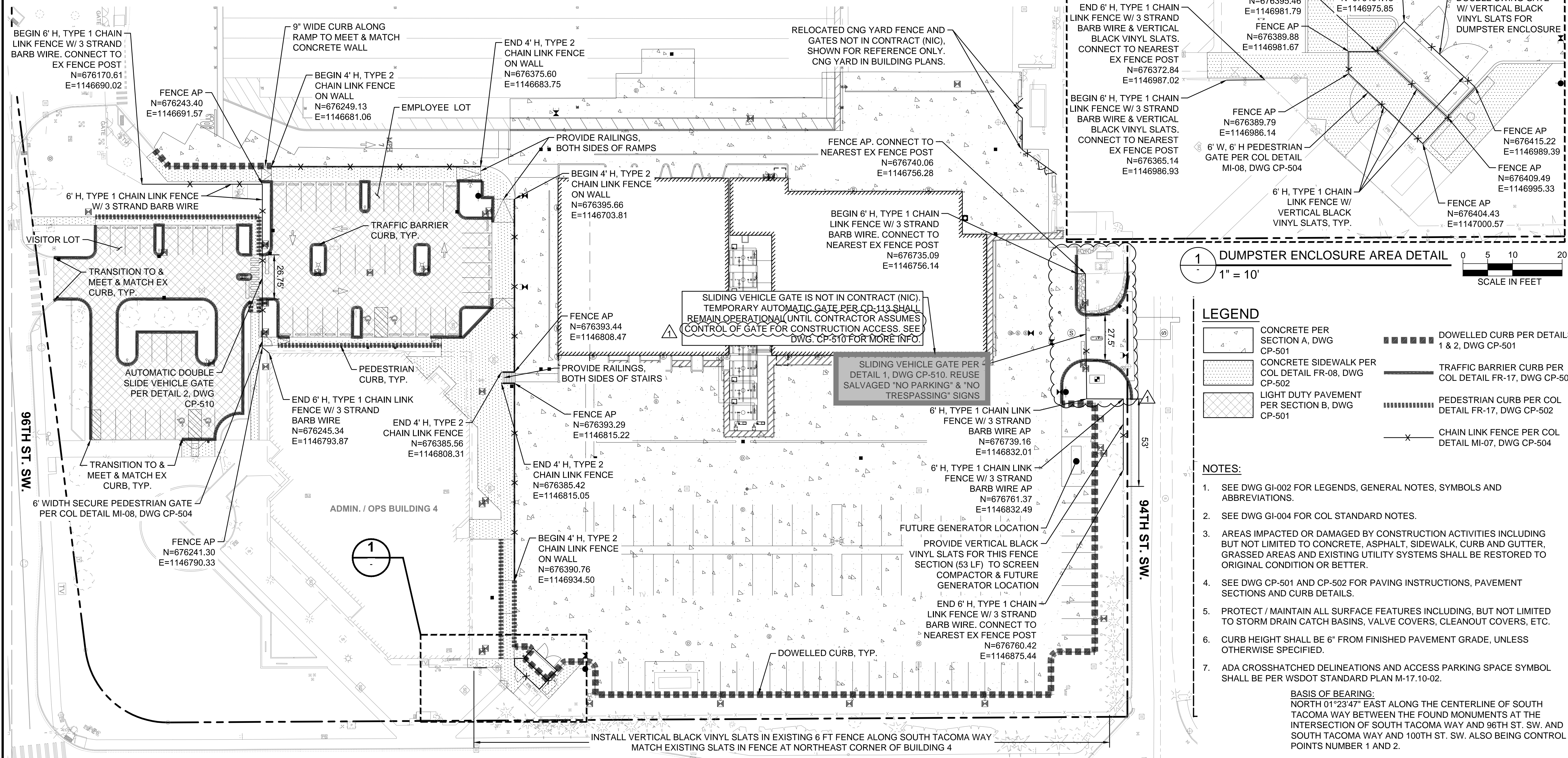
HUITT-ZOLIARS
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PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH
PAVING, STRIPING & SIGNING PLAN

DRAWING No.:	CP-111
SHEET No.:	18 OF 70



- LEGEND**
- CONCRETE PER SECTION A, DWG CP-501
 - CONCRETE SIDEWALK PER COL DETAIL FR-08, DWG CP-502
 - LIGHT DUTY PAVEMENT PER SECTION B, DWG CP-501
 - DOWELLED CURB PER DETAILS 1 & 2, DWG CP-501
 - TRAFFIC BARRIER CURB PER COL DETAIL FR-17, DWG CP-502
 - PEDESTRIAN CURB PER COL DETAIL FR-17, DWG CP-502
 - CHAIN LINK FENCE PER COL DETAIL MI-07, DWG CP-504

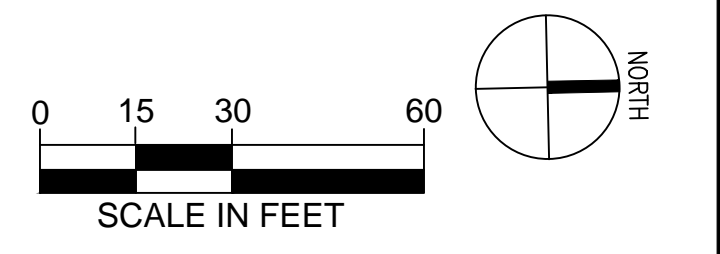
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 - SEE DWG CP-501 AND CP-502 FOR PAVING INSTRUCTIONS, PAVEMENT SECTIONS AND CURB DETAILS.
 - PROTECT / MAINTAIN ALL SURFACE FEATURES INCLUDING, BUT NOT LIMITED TO STORM DRAIN CATCH BASINS, VALVE COVERS, CLEANOUT COVERS, ETC.
 - CURB HEIGHT SHALL BE 6" FROM FINISHED PAVEMENT GRADE, UNLESS OTHERWISE SPECIFIED.
 - ADA CROSSHATCHED DELINEATIONS AND ACCESS PARKING SPACE SYMBOL SHALL BE PER WSDOT STANDARD PLAN M-17.10-02.

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S. TACOMA WAY

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 08/14/20 | 12:56 PM | ARDOUREL
 \H\SEATTLE\DRIVER\309309.00\CADD & BIM\SHEETS\TASK 03B NORTH PARKING LOT\SR309309-03B-CP-400.DWG

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PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH

OVERALL FENCING & CURBING PLAN

DRAWING No.: **CP-400**
SHEET No.: 22 OF 70

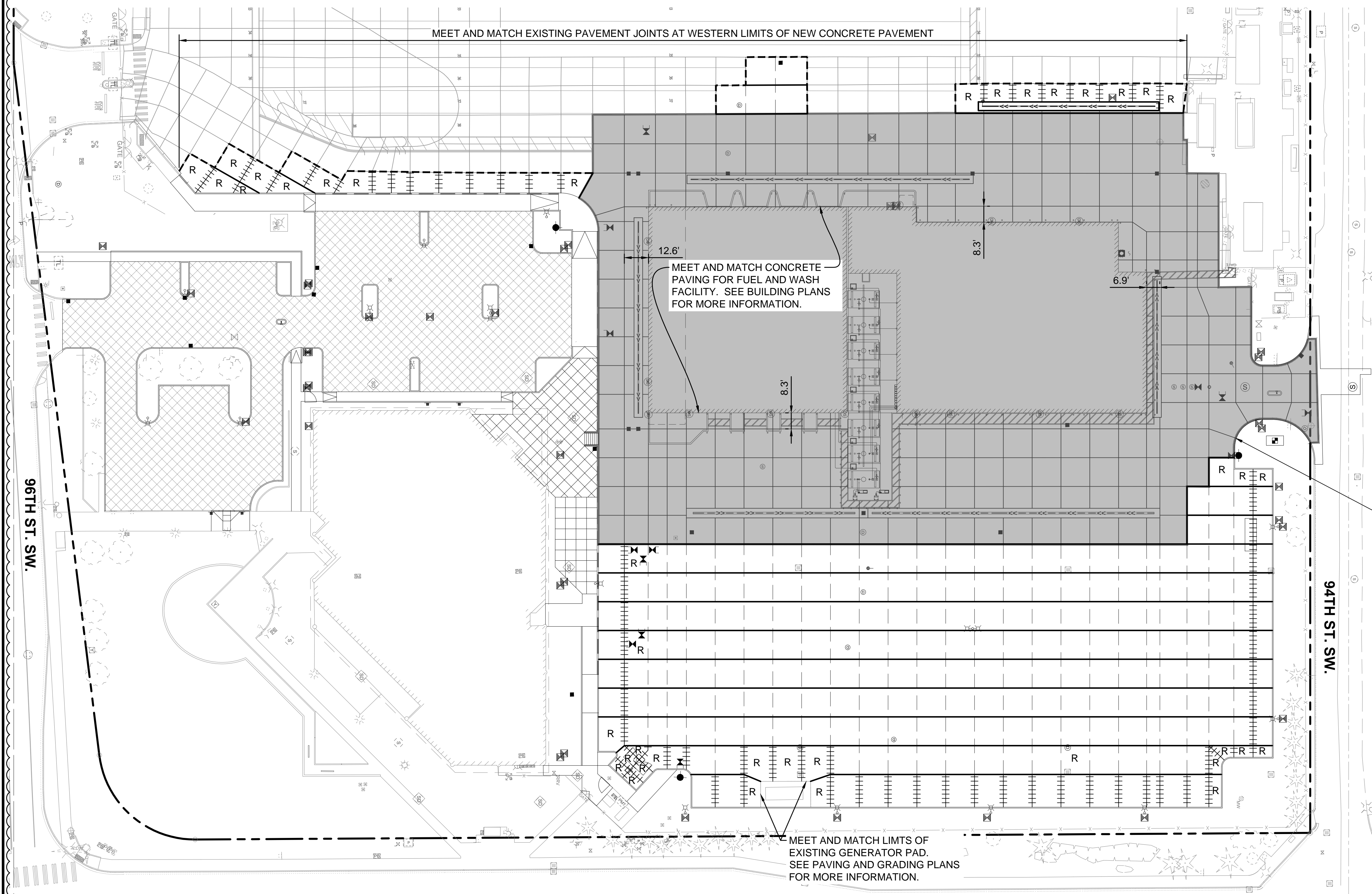
LEGEND

- EXISTING CONCRETE TO NEW CONCRETE JOINT
- CONSTRUCTION JOINT
- +++++ REINFORCED CONTRACTION JOINT
- - - UN-REINFORCED CONTRACTION JOINT
- R 6X6 W2.9XW2.9 WELDED WIRE MESH REINFORCEMENT IN CONCRETE PANEL

NOTES:

1. FOR ADDITIONAL JOINT AND REINFORCEMENT DETAIL, SEE DWG CP-705.
2. MAXIMUM JOINT SPACING SHALL BE 15 FT UNLESS APPROVED BY THE PROJECT ENGINEER.
3. JOINT LAYOUT SHOWN IS FOR REFERENCE. CONTRACTOR SHALL SUBMIT A JOINT LAYOUT PLAN FOR REVIEW PRIOR TO BEGINNING CONCRETE LAYOUT. JOINTS SHALL BE CONFIGURED TO PROTECT CONCRETE FROM CRACKING AND ACCOMMODATE GRADE BREAKS, TRENCH DRAINS, AND COLLARS AROUND UTILITY SURFACE FEATURES. JOINT LAYOUT PLAN SHALL INCLUDE REINFORCEMENT IN GENERAL CONFORMANCE WITH THE PLANS.
4. FOR TRENCH DRAINS, COORDINATE AND FIELD ADJUST CONCRETE PANELS TO ACCOMMODATE THE FINAL LAYOUT OF THE TRENCH DRAINS INCLUDING TRENCH DRAIN CONCRETE COLLARS. SEE DWG UD-503 FOR TRENCH DRAIN DETAILS.
5. ALL UTILITY SURFACE FEATURES WITHIN CONCRETE PAVEMENT, INCLUDING MANHOLE FRAMES, VALVE LIDS, VAULT LIDS, ETC SHALL HAVE ISOLATION COLLARS PER DWG CP-503.
6. IRREGULAR SHAPED CONCRETE PANELS, CONCRETE PANELS WITH MORE THAN ONE UTILITY SURFACE FEATURE OR CONCRETE PANELS ABUTTING TRENCH DRAINS SHALL BE REINFORCED WITH WELDED WIRE MESH.

CONCRETE PAVING WITHIN SHADED AREA IS NOT IN CONTRACT (NIC). SHADED CONSTRUCTION LIMITS SHOWN ARE APPROXIMATE. FINAL LIMITS SHALL BE COORDINATED WITH CONTRACTORS FINAL JOINT LAYOUT PLAN.

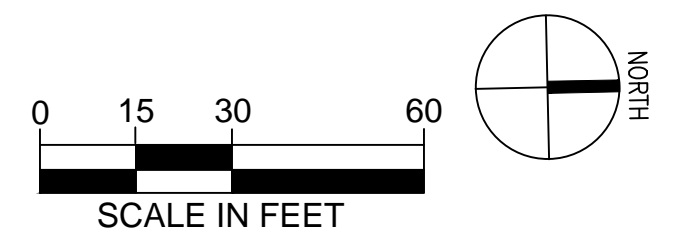


BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

HORIZONTAL DATUM:
WASHINGTON STATE PLANE SOUTH COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983, ADJUSTED IN 1991 (NAD 83/91).

VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

THE LOCATIONS OF THE EXISTING SURFACE UTILITIES & TOPOGRAPHIC FEATURES WERE COMPILED FROM FIELD SURVEY PERFORMED BY HZ DATED 3/18/19. AVAILABLE RECORD DOCUMENTS PROVIDED BY PIERCE TRANSIT AND SITE VERIFICATION. UTILITIES SHOWN ARE BASED UPON SURFACE FEATURES & UNDERGROUND UTILITY PAINT MARKS (BY OTHERS). NO POT-HOLING WAS PERFORMED. HZ MAKES NO WARRANTY AS TO THE ACCURACY OF THE UNDERGROUND UTILITY LOCATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN AREAS TO BE IMPACTED BY CONSTRUCTION ACTIVITIES.



S. TACOMA WAY

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES AND SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE: **811** A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION

CONTRACTOR'S NOTES:
CONTRACTOR SHALL RECORD ANY FIELD DEVIATION FROM ENGINEERING PLAN. THESE RECORDS SHALL BE KEPT ON CONSTRUCTION DRAWINGS AND TURNED OVER TO ENGINEER UPON COMPLETION OF PROJECT.

CHECKED BY: / DATE: /
CORRECTED BY: / DATE: /
VERIFIED BY: / DATE: /
08/14/20 | 12:56 PM | AARDOUREL
VHSSEATTLEU-DRIVER309309.000CADD & BIM SHEETS TASK 03B NORTH PARKING LOT VSR309309-03B-CP-410.DWG

ISSUED FOR BID

No.	DATE	BY	CHD	REVISION
1	8/17/2020			BID ADDENDUM



HUITT-ZOLIARS
Seattle
Huitt-Zoliars, Inc.
818 Stewart Street, Suite 1120
Seattle, Washington, 98101
Phone (206) 324-5500 Fax (206) 328-1880



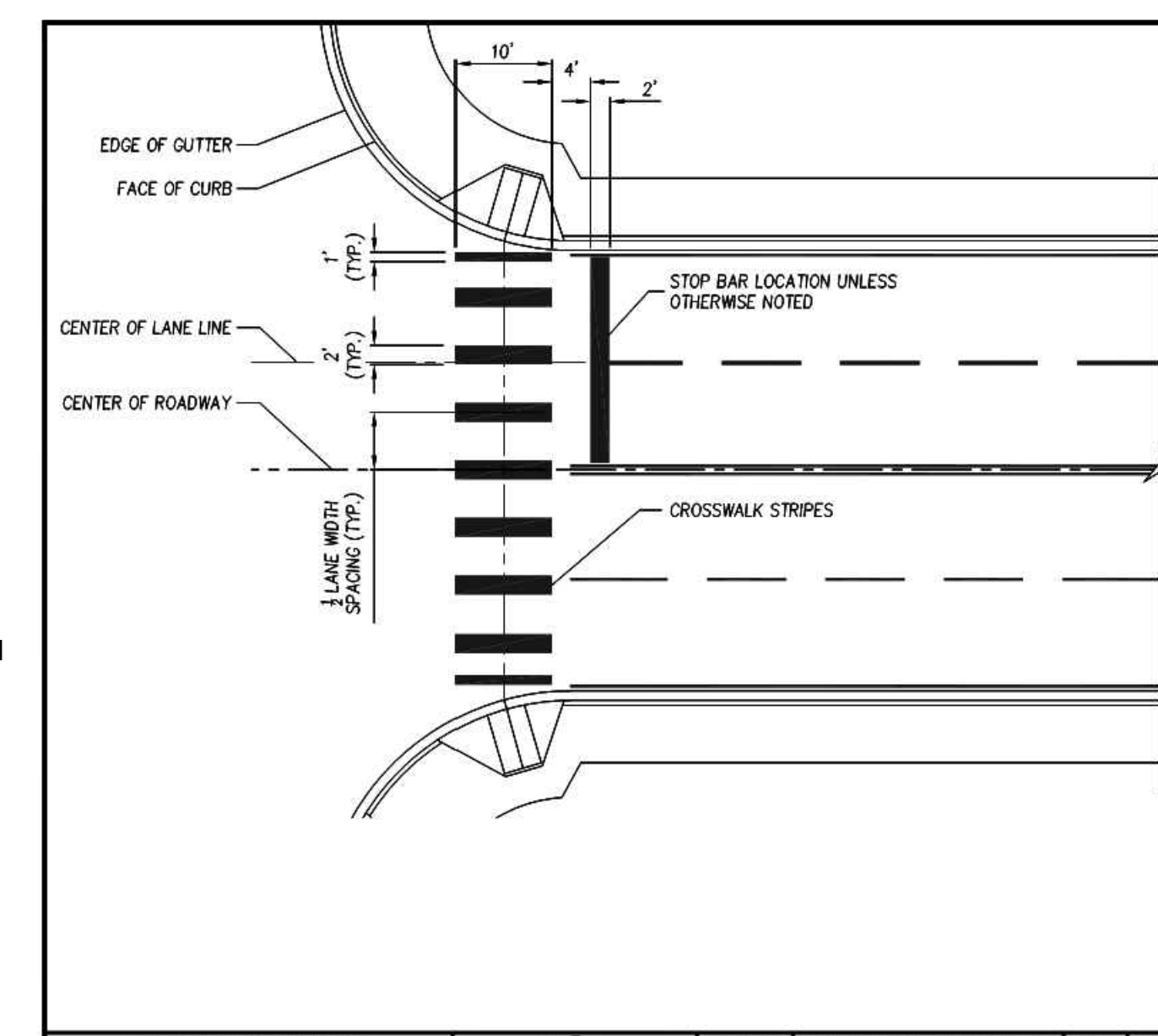
DESIGNED BY: M. FEWINS	ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-CP-410.DWG

**PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH**
CONCRETE JOINT PLAN

DRAWING No.:	CP-410
SHEET No.:	23 OF 70

PAVING INSTRUCTIONS: RECOMMENDED PROCEDURE FOR DOWELS BETWEEN EXISTING AND NEW PCCP

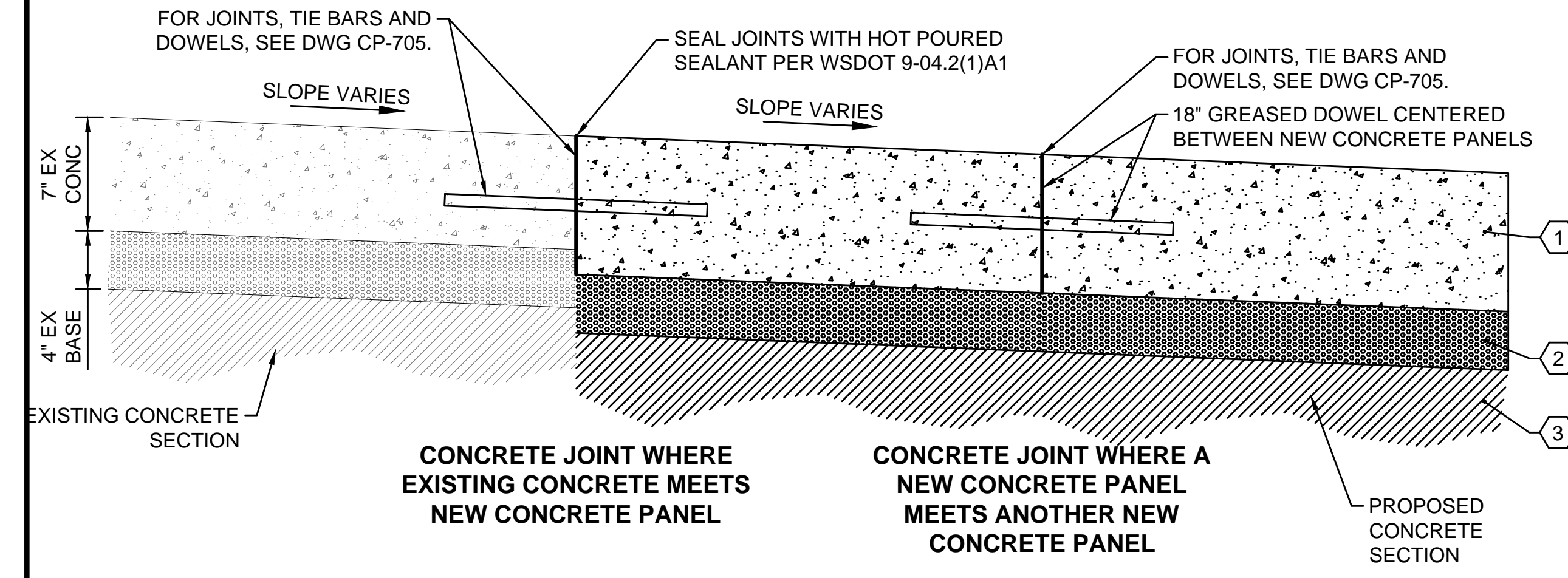
1. DRILL HOLES ON EXISTING PCCP PANELS THAT ARE 1/16" LARGER IN DIAMETER THAN THE DOWEL BARS AND AT 90° FROM ALL POINTS OF THE FACE OF THE PANELS. REMOVE DEBRIS FROM HOLES BY BLOWING THEM WITH COMPRESSED AIR. ENSURE THAT THE HOLES ARE DRY.
2. VERIFY COMPLIANCE WITH PROJECT REPRESENTATIVE BEFORE CONTINUING. PLACE SUFFICIENT EPOXY GROUT IN THE BACK OF THE HOLES TO COMPLETELY FILL THE GAP BETWEEN THE DOWELS AND THE WALL OF THE HOLES. USE FLEXIBLE TUBES OR CARTRIDGES WITH LONG NOZZLES TO ENSURE THAT THE EPOXY GROUT IS PLACED AT THE BACK OF THE HOLES.
3. PLACE A THIN, PLASTIC GROUT RETENTION DISK OVER THE DOWELS SO THEY WILL REST AGAINST THE FACE OF THE EXISTING PCCP PANELS AND PREVENT THE GROUT MATERIAL FROM FLOWING OUT OF THE HOLES. WITH THE RETENTION DISKS IN PLACE, INSERT THE DOWELS INTO THE HOLES WITH A TWISTING MOTION SO THAT THE EPOXY GROUT IN THE BACK OF THE HOLES IS FORCED OUT AND AROUND THE DOWELS. USE CHAIRS, OR OTHER PRODUCT OF NON-CORRODING MATERIAL, TO MAINTAIN THE DOWELS AT THE CENTER OF THE HOLES, AND AT 90° FROM THE FACE OF THE PANEL.
4. GREASE THE PROTRUDING END OF ALL DOWELS TO GO INTO NEW PCCP.
5. OBTAIN APPROVAL OF THE DOWEL INSTALLATION FROM THE PROJECT REPRESENTATIVE PRIOR TO PROCEEDING WITH PLACEMENT OF NEW PCCP.
6. SEE DWG CP-705 FOR MORE INFORMATION



- GENERAL NOTES:**
1. PAVEMENT MARKING SHALL BE PLASTIC TYPE D-LIQUID COLD APPLIED METHYL METHACRYLATE (MMA) PER WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
 2. CENTER CROSSWALK ON CURB RAMP ON EACH SIDE OF THE STREET.

APPROVED FOR PUBLICATION		DATE	REVISION	DESCRIPTION	BY	APPROVED
<i>Paul A. Bucich, P.E.</i>		11/2/09		ORIGINAL DRAWING	LR/AD	DEW
		12/14/15		REVISED DRAWING	AD	DEW
		1/16/19		REVISED DRAWING	AD	PAB
Public Works Director/CITY ENGINEER	Public Works Department	6000 Main Street SW 98499				NOT TO SCALE

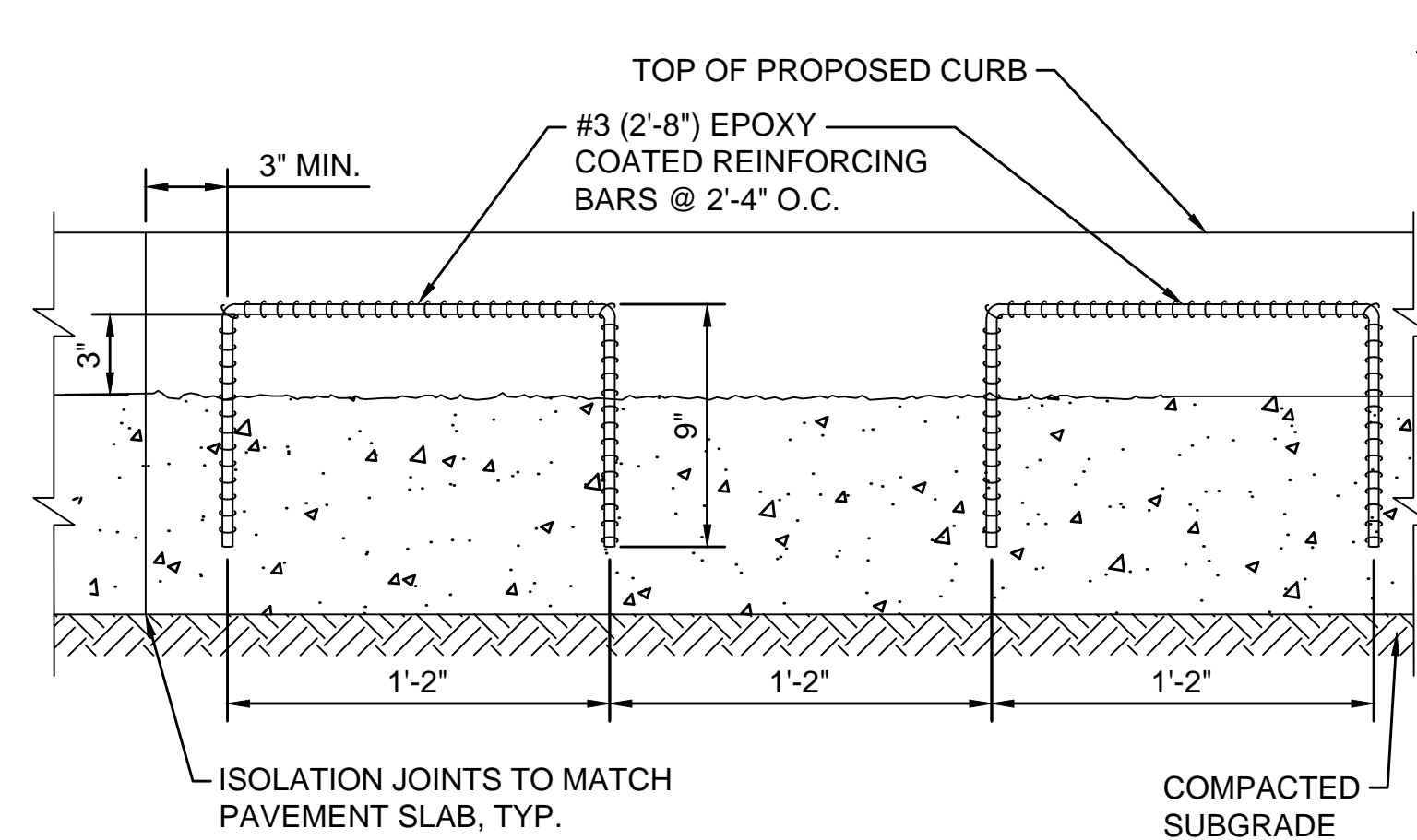
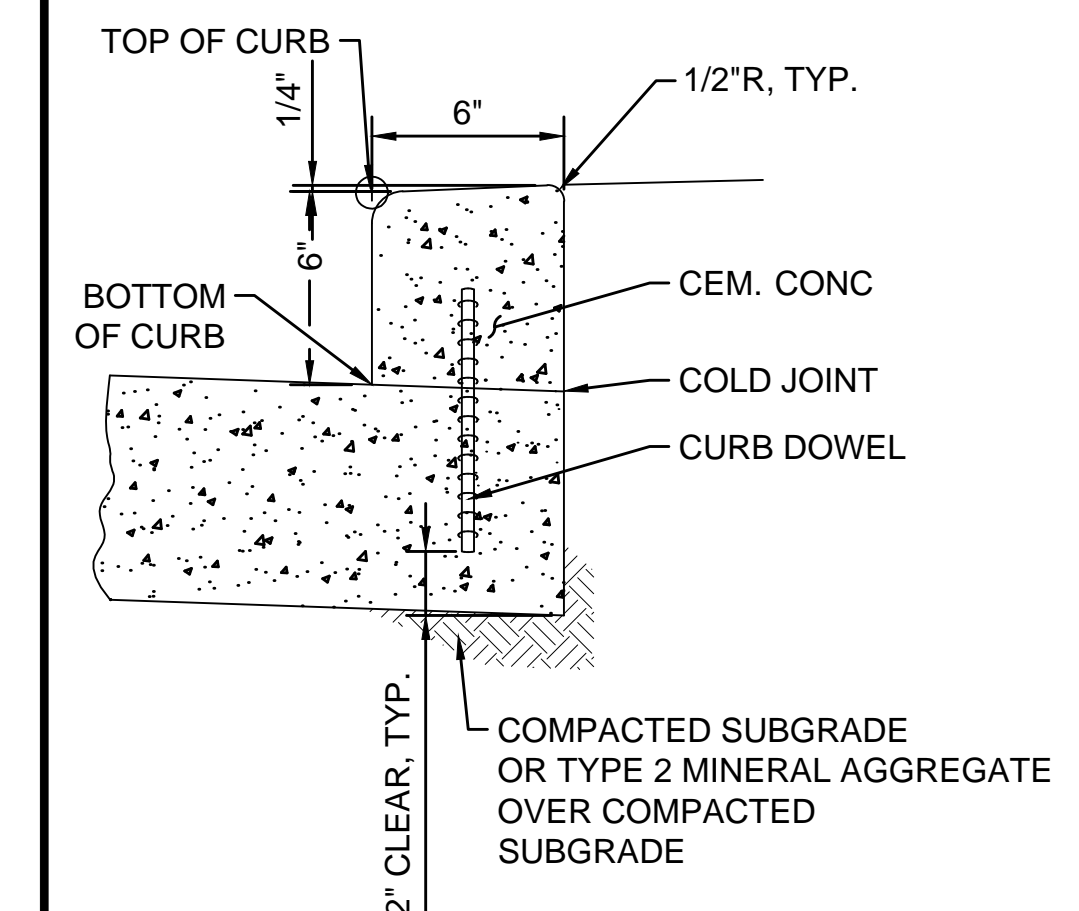
Crosswalk and Stop Bar
PS-09



A JOINT DETAILS AND CONCRETE SECTION
CP-501 (NTS)

- 1 9-1/2" CEMENT CONCRETE PAVEMENT, CLASS 4000.
- 2 4" CRUSHED SURFACING BASE COURSE.
- 3 VARIED DEPTH COMPACTED AND PROOFROLLED SUBGRADE.

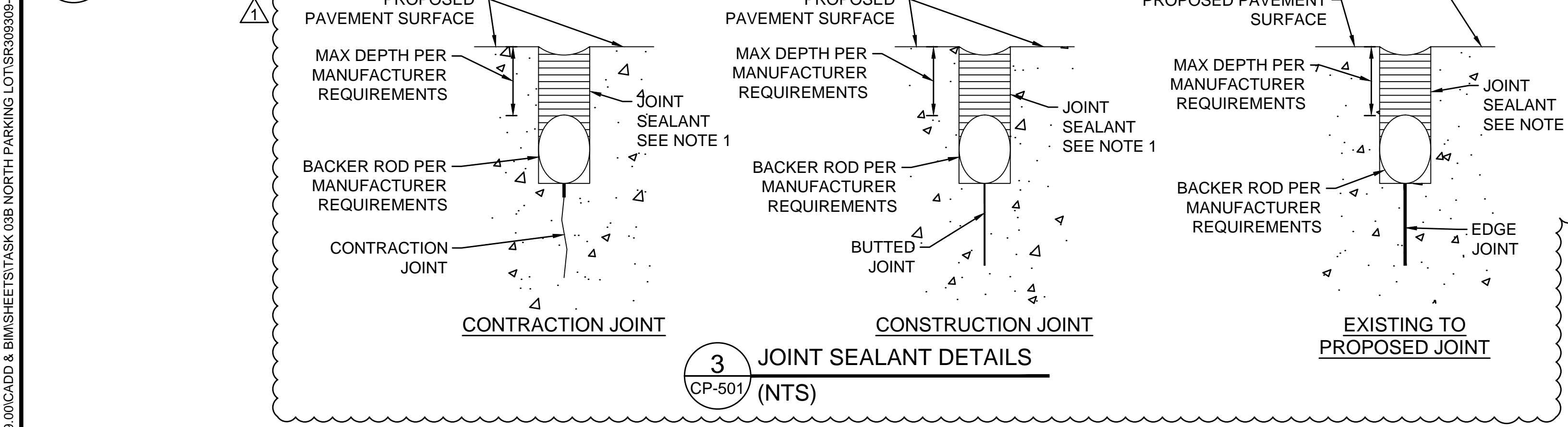
- NOTES:**
1. ALL DEPTHS PROVIDED ARE COMPACTED DEPTHS.
 2. EXISTING SECTION INFORMATION PER AS BUILT DRAWINGS FOR PIERCE TRANSIT BY MCGRANAHAN MESSENGER ASSOCIATES, DATED MAY 14 1986.



2 CURB DOWEL CONSTRUCTION DETAIL
CP-501 (NTS)

- NOTES:**
1. CURB HEIGHT SHALL BE 6" FROM FINISHED PAVEMENT GRADE UNLESS OTHERWISE SHOWN ON DRAWINGS.
 2. SEE DETAIL 2, THIS DWG FOR CURB DOWELS.

1 CEMENT CONCRETE DOWELLED CURB DETAIL
CP-501 (NTS)



3 JOINT SEALANT DETAILS
CP-501 (NTS)

- JOINT SEALANT NOTES:**
1. JOINT SEALANT SHALL BE CRAFCO ROADSAVER 231 OR APPROVED EQUAL. REFERENCE SPECIFICATIONS SECTION 32 13 13 FOR MORE INFORMATION.
 2. FOR JOINT DETAILS, SEE DWG CP-705.

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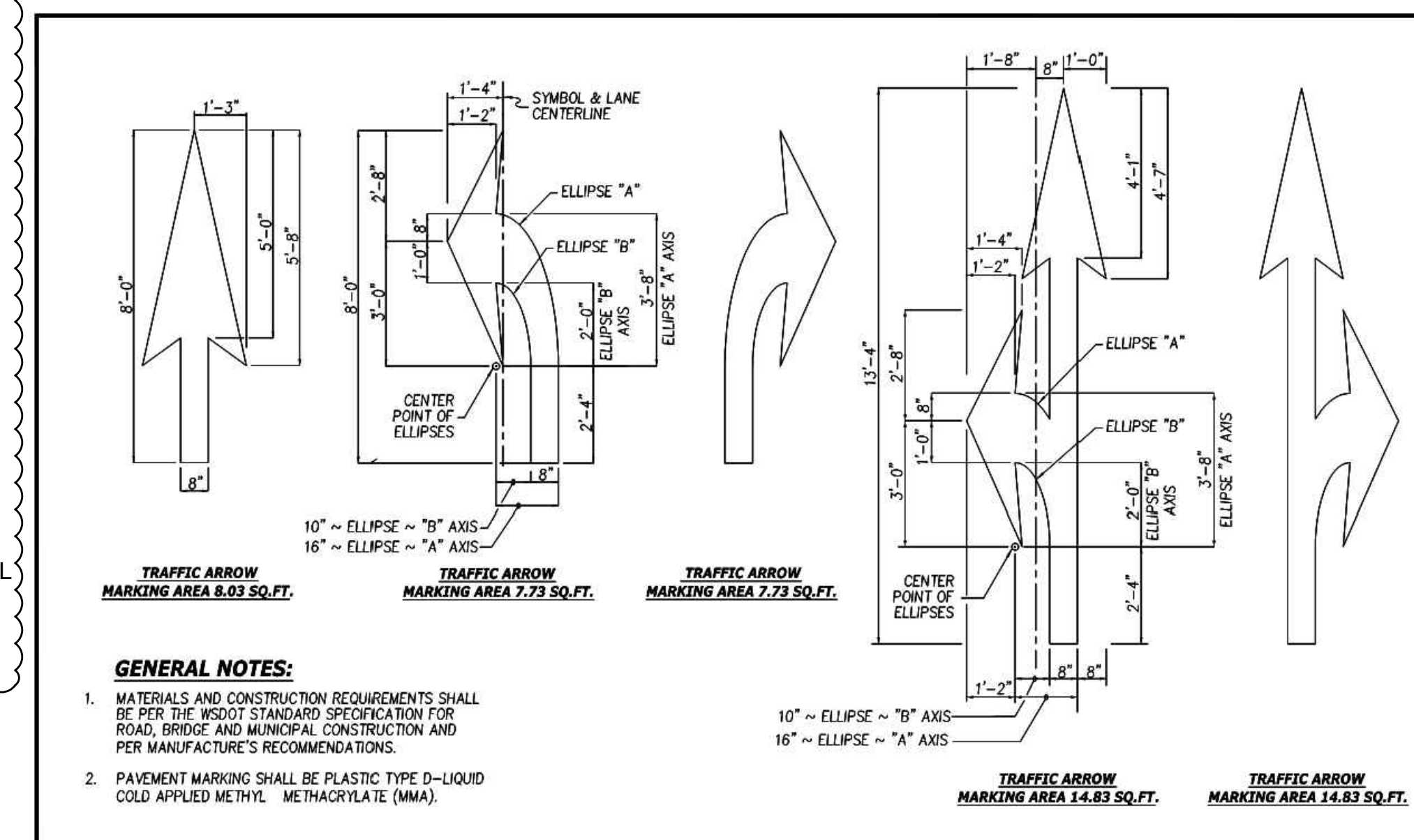
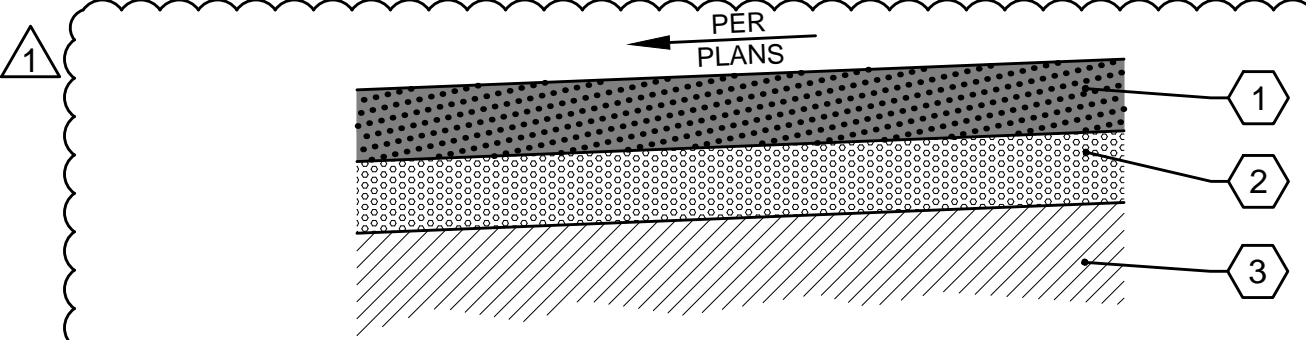
CONTRACTOR'S NOTES:
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B LIGHT DUTY PAVEMENT SECTION (ON-SITE)
CP-501 (NTS)

- 1 3" HOT MIX ASPHALT, CLASS 1/2", COMPACTED TO AT LEAST 91 PERCENT OF THE RICE DENSITY.
- 2 3" CRUSHED SURFACING BASE COURSE, COMPACTED TO 95% MODIFIED PROCTOR.
- 3 SUBGRADE, COMPACTED TO 95% MODIFIED PROCTOR.

- NOTES:**
1. ALL DEPTHS PROVIDED ARE COMPACTED DEPTHS.
 2. PAVING SECTION PER RECOMMENDATION IN THE GEOTECHNICAL DATA AND DESIGN REPORT FOR PIERCE TRANSIT MAINTENANCE AND OPERATIONS BASE IMPROVEMENTS PIERCE COUNTY, WASHINGTON BY HART CROWSER, INC., DATED JUNE 28, 2019.



APPROVED FOR PUBLICATION		DATE	REVISION	DESCRIPTION	BY	APPROVED
<i>Paul A. Bucich, P.E.</i>		11/2/09		ORIGINAL DRAWING	LR/AD	DEW
		12/14/15		REVISED DRAWING	AD	DEW
		1/16/19		REVISED DRAWING	AD	PAB
Public Works Director/CITY ENGINEER	Public Works Department	6000 Main Street SW 98499				NOT TO SCALE

Durable Pavement Marking Arrows
PS-11

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 08/14/20 | 12:56 PM | AARDOUREL
 \H\SEATTLE\DRIVER\309309\00\CADD & BIM\SHEET\TASK 03B NORTH PARKING LOT\SR309309-03B-CP-501.DWG

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1	8/17/2020			BID ADDENDUM
No.	DATE	BY	CHD	REVISION



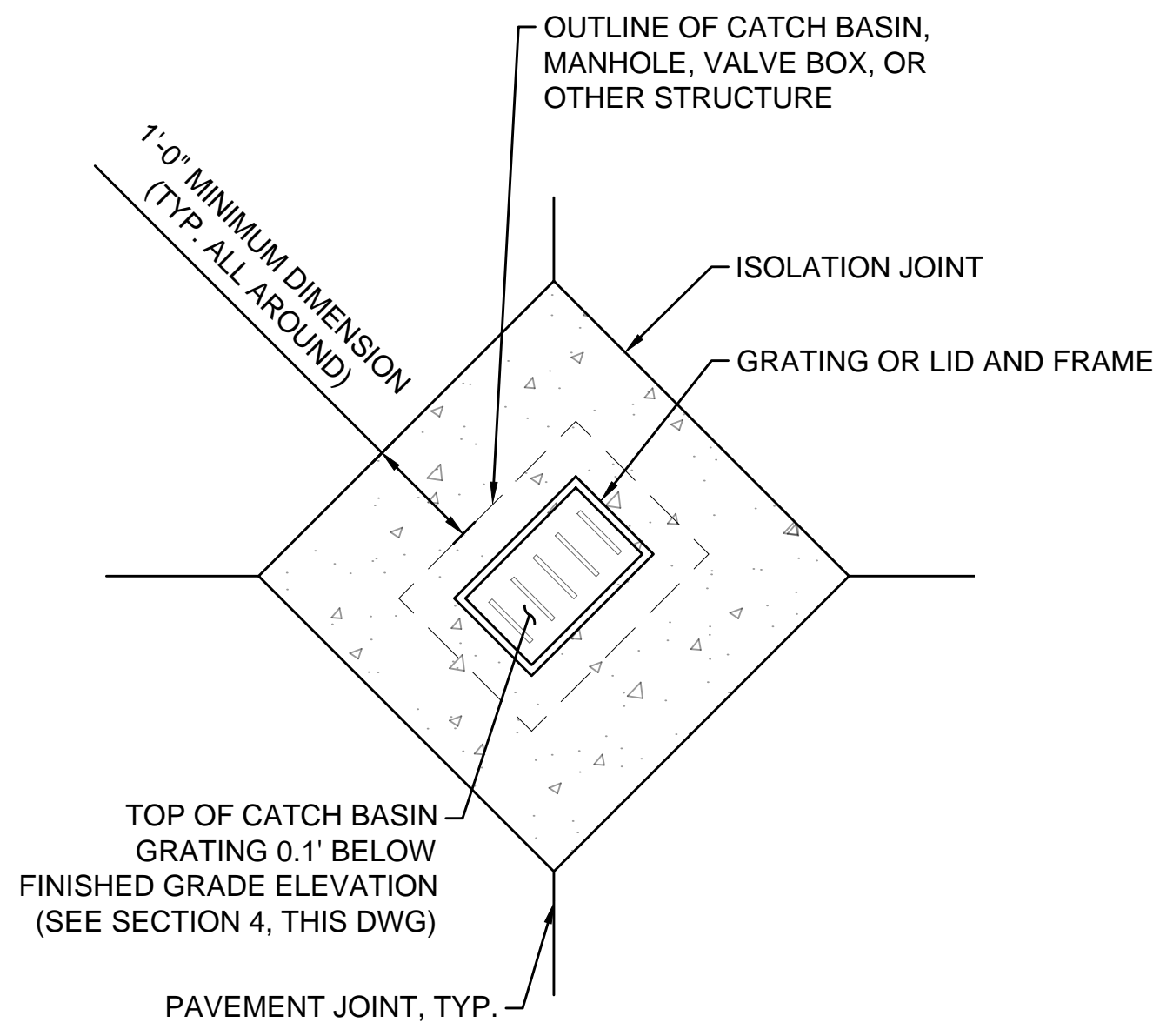
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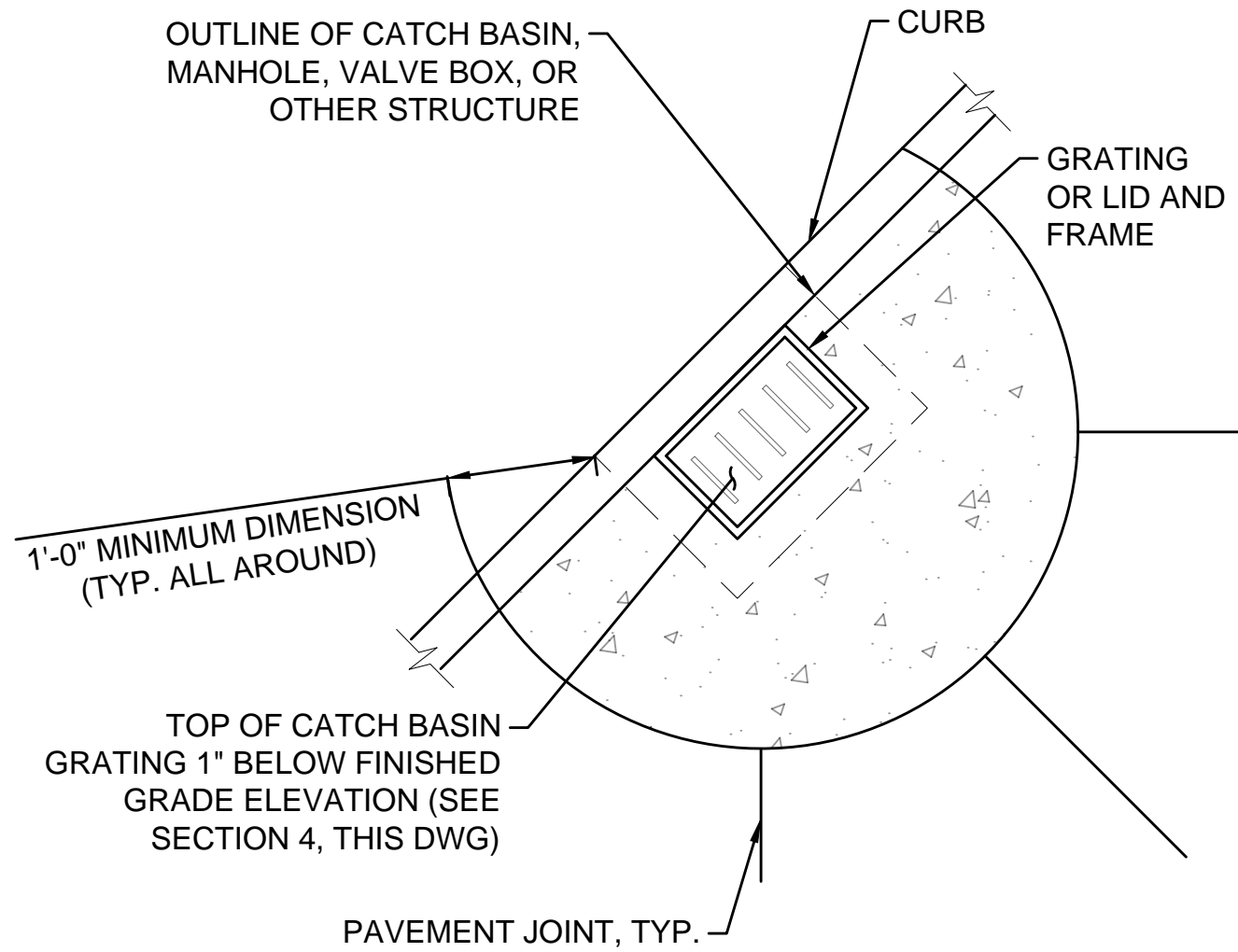
DESIGNED BY: M. FEWINS
ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK
JOB NO: R309309.03
CHECKED BY: F. WALL
DRAWING FILE NO: SR309309-03B-CP-501.DWG

PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH
PAVING & STRIPING DETAILS

DRAWING No.: **CP-501**
SHEET No.: 24 OF 70

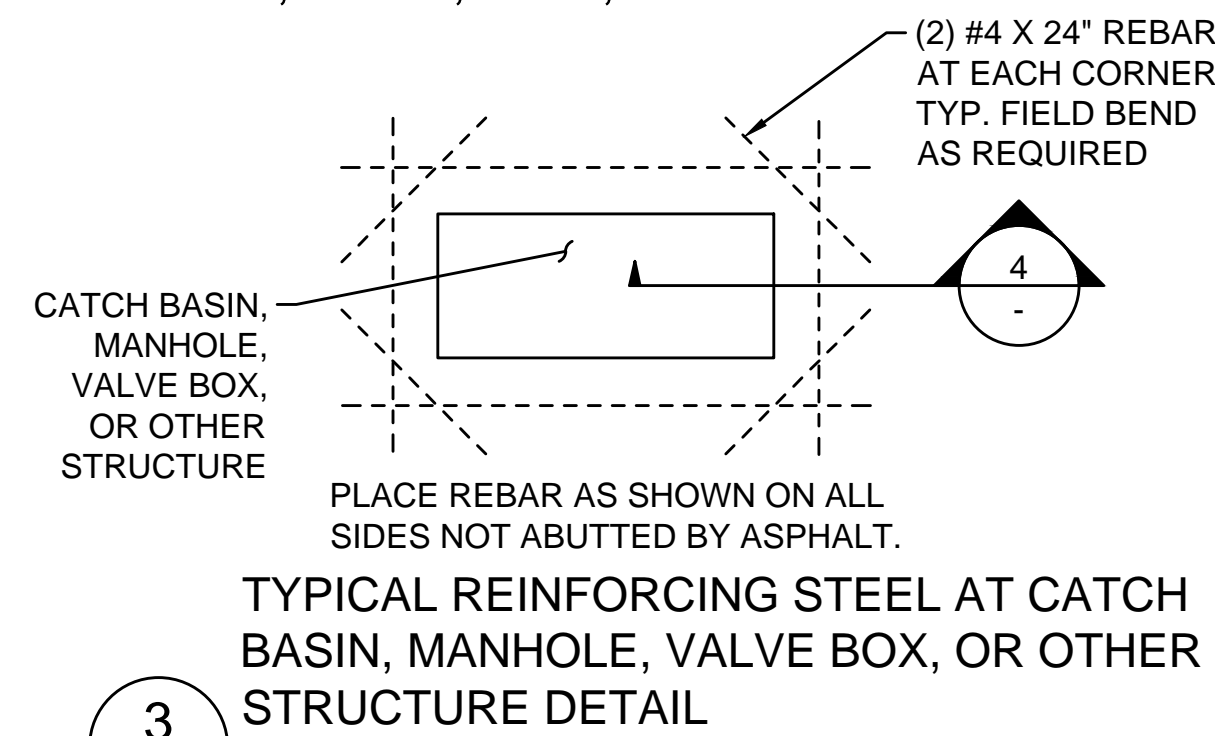


1 TYPICAL STRUCTURE ISOLATION COLLAR (TYPE 1)
CP-503 (NTS)

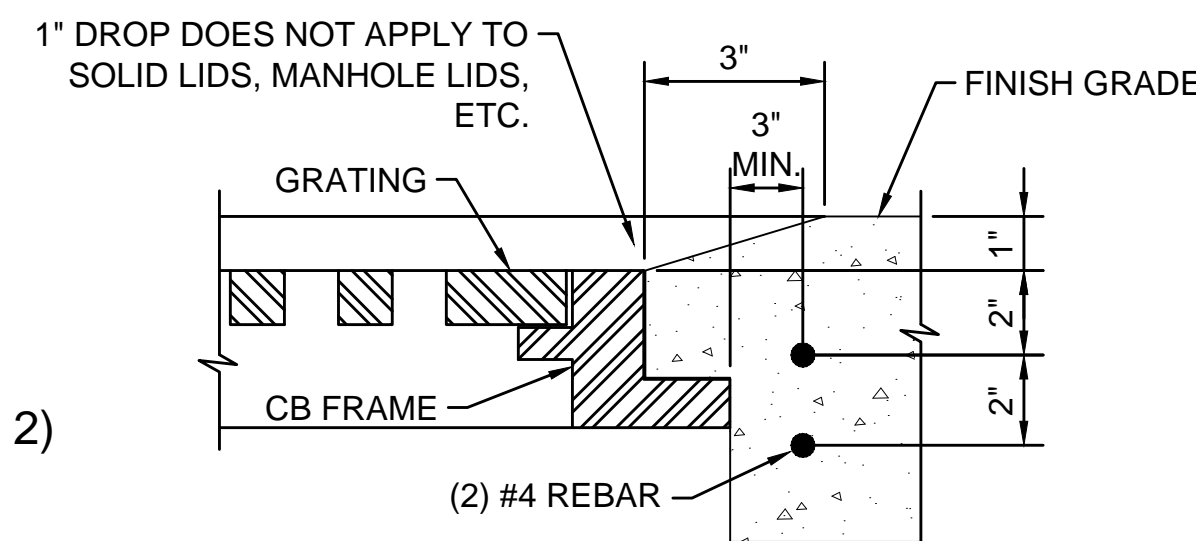


2 TYPICAL STRUCTURE ISOLATION COLLAR (TYPE 2)
CP-503 (NTS)

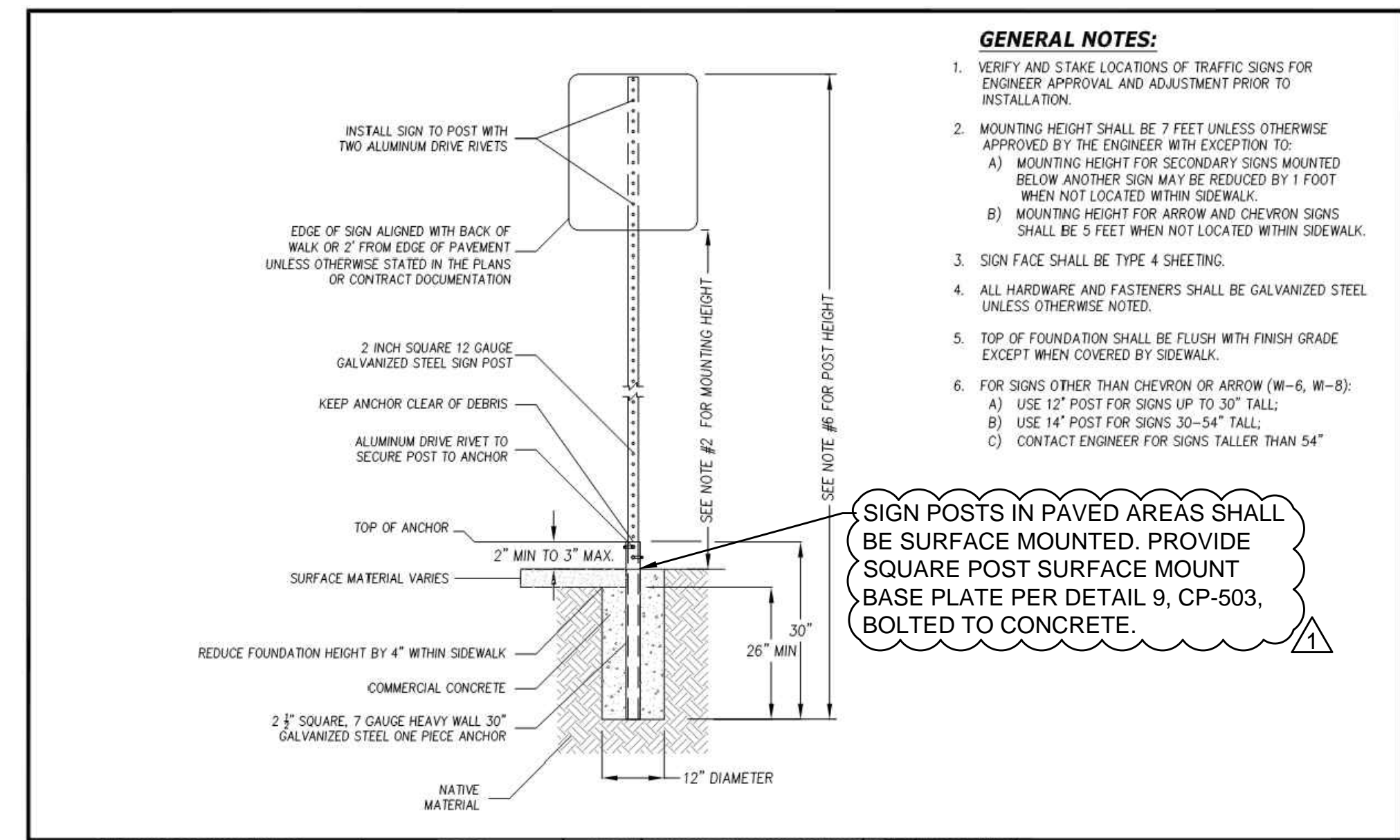
NOTE: DETAILS 1 THROUGH 4 ARE FOR STRUCTURES WITHIN CONCRETE PAVING ONLY



3 TYPICAL REINFORCING STEEL AT CATCH BASIN, MANHOLE, VALVE BOX, OR OTHER STRUCTURE DETAIL
CP-503 (NTS)



4 SECTION
CP-503 (NTS)



- GENERAL NOTES:**
- VERIFY AND STAKE LOCATIONS OF TRAFFIC SIGNS FOR ENGINEER APPROVAL AND ADJUSTMENT PRIOR TO INSTALLATION.
 - MOUNTING HEIGHT SHALL BE 7 FEET UNLESS OTHERWISE APPROVED BY THE ENGINEER WITH EXCEPTION TO:
 - MOUNTING HEIGHT FOR SECONDARY SIGNS MOUNTED BELOW ANOTHER SIGN MAY BE REDUCED BY 1 FOOT WHEN NOT LOCATED WITHIN SIDEWALK.
 - MOUNTING HEIGHT FOR ARROW AND CHEVRON SIGNS SHALL BE 5 FEET WHEN NOT LOCATED WITHIN SIDEWALK.
 - SIGN FACE SHALL BE TYPE 4 SHEETING.
 - ALL HARDWARE AND FASTENERS SHALL BE GALVANIZED STEEL UNLESS OTHERWISE NOTED.
 - TOP OF FOUNDATION SHALL BE FLUSH WITH FINISH GRADE EXCEPT WHEN COVERED BY SIDEWALK.
 - FOR SIGNS OTHER THAN CHEVRON OR ARROW (W-6, W-8):
 - USE 12\"/>

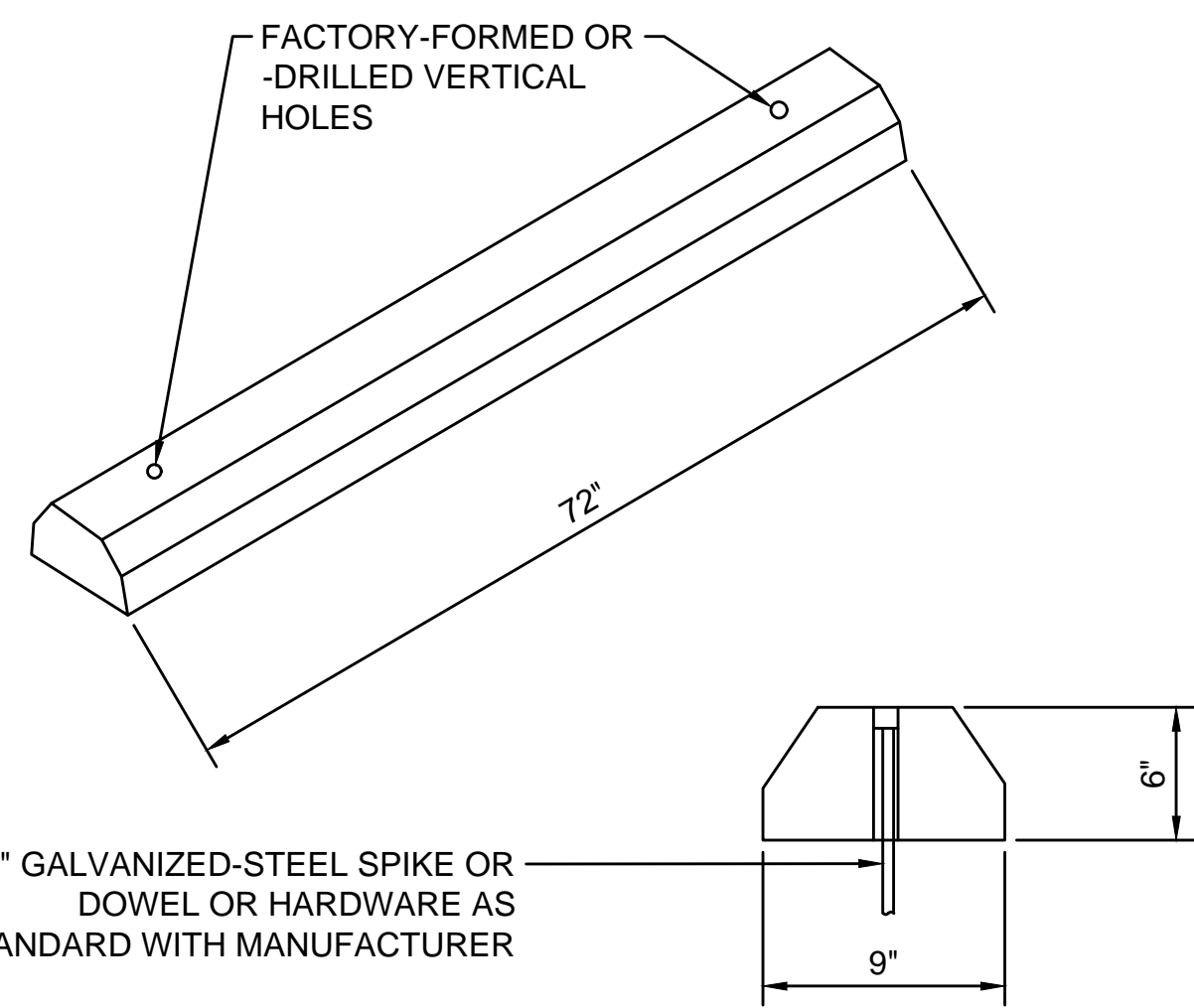
SIGN POSTS IN PAVED AREAS SHALL BE SURFACE MOUNTED. PROVIDE SQUARE POST SURFACE MOUNT BASE PLATE PER DETAIL 9, CP-503, BOLTED TO CONCRETE.

APPROVED FOR PUBLICATION	DATE	REVISION DESCRIPTION	BY	APPROVED
	10/01/15	ORIGINAL DRAWING	LC	DEW
	08/08/17	REVISED DRAWING	JH/OK	JC
	10/02/18	REVISED DRAWING	AD/JH	PAB
	01/16/19	REVISED DRAWING	AD	PAB

Public Works Department | 6000 Main Street SW 98499 | NOT TO SCALE

Steel Post Street Sign Support

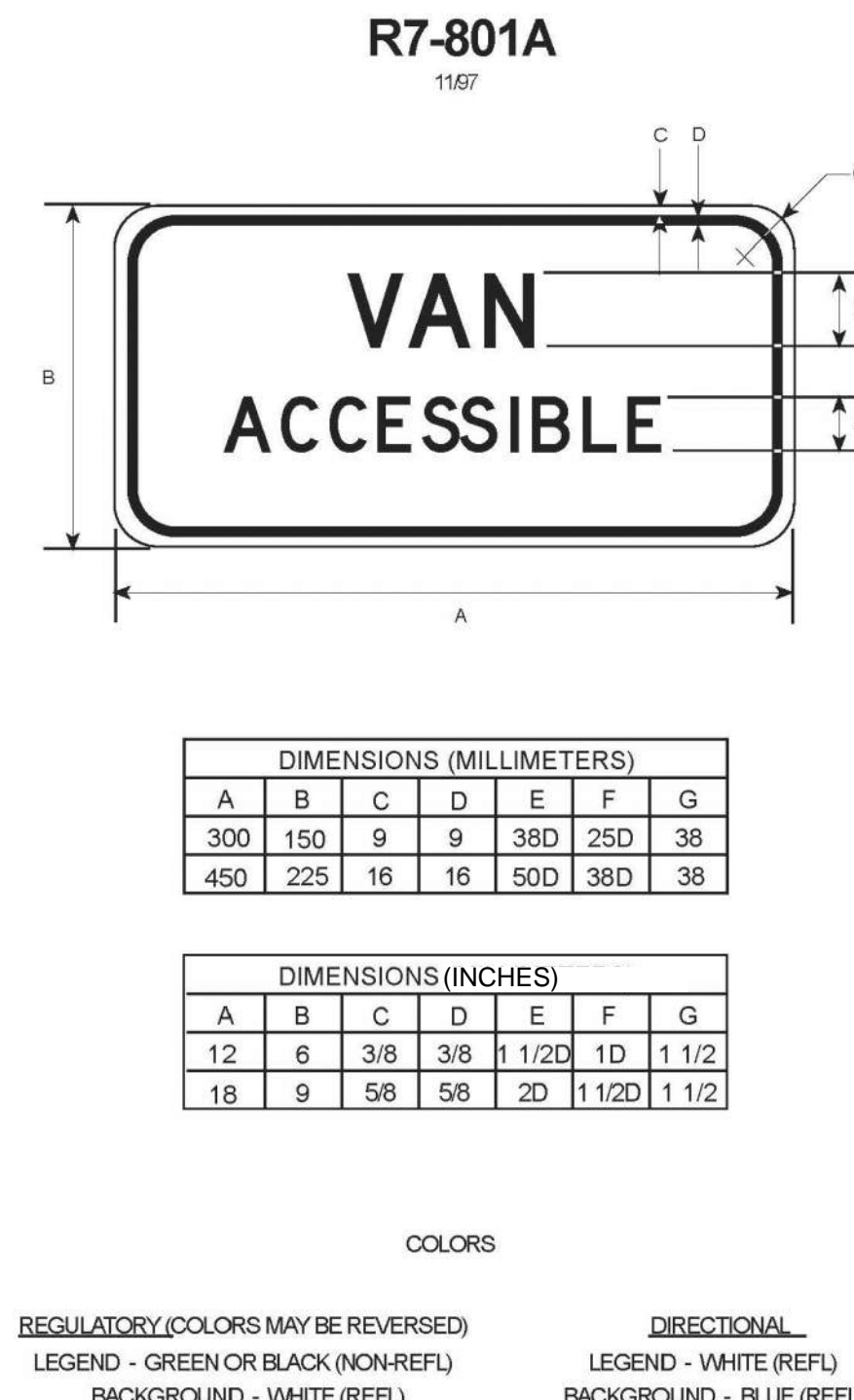
PS-05



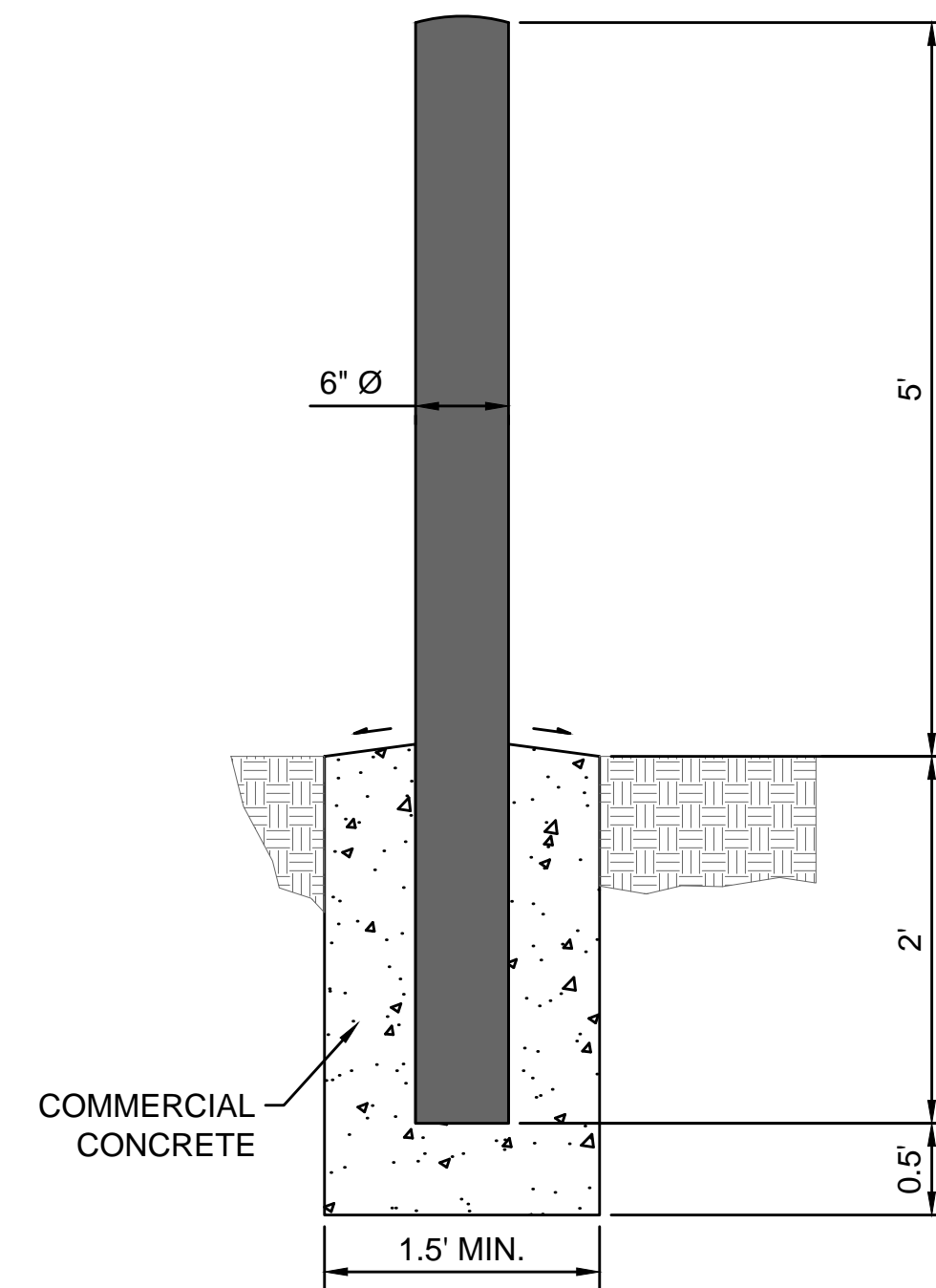
5 PRECAST CONCRETE WHEEL STOP DETAIL
CP-503 (NTS)



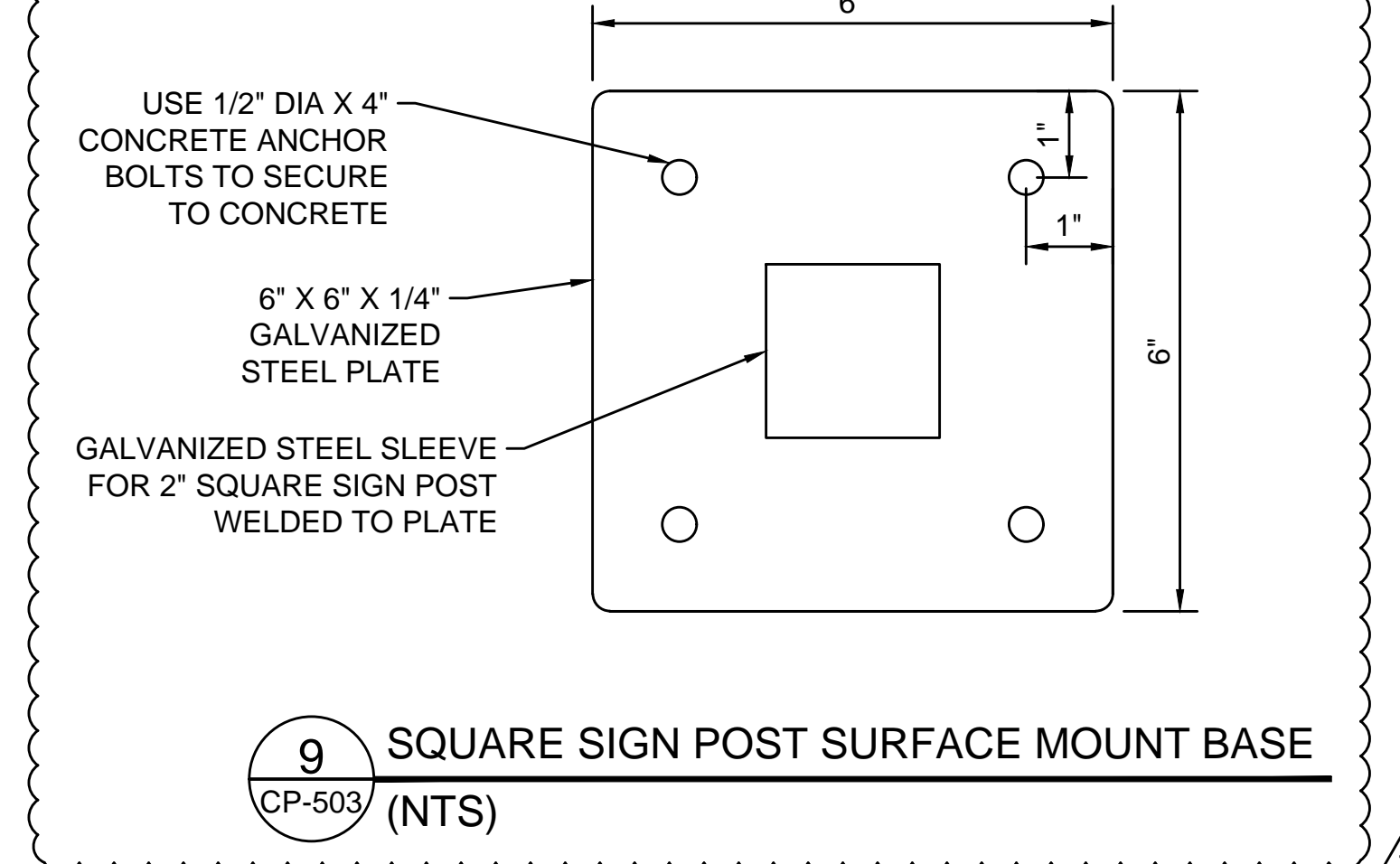
6 DISABLED PARKING SIGN
CP-503 (NTS)



7 VAN ACCESSIBLE SIGN
CP-503 (NTS)



8 BOLLARD
CP-503 (NTS)



9 SQUARE SIGN POST SURFACE MOUNT BASE
CP-503 (NTS)

- NOTES:**
- CENTER OF BOLLARDS SHALL BE 1' OFF EXISTING GENERATOR CONCRETE PAD.
 - THE BOLLARDS SHALL BE 6" IN DIAMETER (SCHEDULE 40 STEEL) POST AND FILLED WITH CONCRETE.
 - THE BOLLARDS SHALL BE COATED WITH ONE PRIME COAT AND TWO COATS OUTDOOR OIL BASED ENAMEL (YELLOW).

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CORRECTED BY: / DATE: /
VERIFIED BY: / DATE: /
08/14/20 | 12:56 PM | ARDOUREL
VHZSEATTLEU-DRIVER30909.00CADD & BIMSHEETS\TASK 03B NORTH PARKING LOT\SR30909-03B-CP-503.DWG

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Huitt-Zoliars, Inc. Seattle
818 Stewart Street, Suite 1120
Seattle, Washington, 98101
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DESIGNED BY: M. FEWINS	ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-CP-503.DWG

PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH

PAVING & SIGNING DETAILS

DRAWING No.: **CP-503**
SHEET No.: 26 OF 70

POST AND RAIL SPECIFICATIONS

POST	PIPE	ROLL FORMED	H-COLUMN
NON. SIZE (SCH. 40)	SECTION	WEIGHT (LB/RS)	WEIGHT (LB/RS)
END, CORNER, OR PULL POST	2 1/2" DIA.	(1)	5.10
LINE OR BRACE POST	2" DIA.	(2)	1.85

GENERAL NOTES:

- ALL CONCRETE POST BASES SHALL BE 10" MINIMUM DIAMETER.
- ALONG THE TOP AND BOTTOM, USING HOG RINGS, FASTEN THE CHAIN LINK FENCE FABRIC TO THE TENSION WIRE AND TENSION CABLE WITHIN THE LIMITS OF THE FIRST FULL FABRIC WEAVE.
- DETAILS ARE ILLUSTRATIVE AND SHALL NOT LIMIT HARDWARE DESIGN OR POST SELECTION OF ANY PARTICULAR FENCE TYPE.

Chain Link Fence Types 1 and 2 (1 of 2) MI-07

Chain Link Fence Types 1 and 2 (2 of 2) MI-07

- NOTES:**
- SEE DWG CP-510 FOR SLIDING GATE DETAILS.
 - TYPICAL FENCE NOTES:**
 - FENCING AND FABRIC SHALL BE 6' HIGH UNLESS OTHERWISE NOTED.
 - TOP SHALL BE FITTED WITH OUTWARD-FACING 3 STRAND BARB WIRE ARMS UNLESS OTHERWISE NOTED.
 - FENCING FABRIC AND POLES SHALL BE COATED IN BLACK VINYL.
 - FENCING SHALL HAVE TOP RAIL IN LIEU OF TENSION WIRE.

CNG TRENCH DETAIL
CP-504 NTS

RESTORE TO ORIGINAL OR SPECIFIED COVER

5'-0" TRENCH WIDTH

GRADE

5'-0" MIN. COVER

TRENCH WALL SLOPE PER OSHA REQUIREMENTS FOR SITE SOIL CONDITIONS

YELLOW GAS AND RED ELECTRICAL MARKER TAPE WITH TRACER 12" BELOW GRADE.

3" MIN SEPARATION

GAS - SIZE & TYPE AS INDICATED IN SCHEDULE (SEE CNG PLANS IN BUILDING PACKAGE)

ANODE LEAD WIRE ON A106C PIPE

ANODE: SIZE, TYPE AND INTERVAL AS REQUIRED BY SPECIFICATIONS

CONTRACTOR SHALL ENSURE THAT ANODE PLACEMENT DOES NOT INTERFERE WITH GAS SERVICE LINE 1 PER PIPE

ELECTRICAL CONDUIT SIZE AND NUMBER PER SCHEDULE (SEE CNG PLANS IN BUILDING PACKAGE)

GROUND GRID TO BE LOCATED IN BOTTOM OF TRENCH

12" MINIMUM SEPARATION BETWEEN ELECTRICAL & GAS

CNG TRENCH IS FOR REFERENCE ONLY. SEE CNG PLANS IN BUILDING PACKAGE FOR ADDITIONAL DETAIL

CNG TRENCHING IS NOT IN CONTRACT (NIC).

Chain Link Gate Types 1 and 2 (1 of 2) MI-08

Chain Link Gate Types 1 and 2 (2 of 2) MI-08

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CHECKED BY: / DATE: /
CORRECTED BY: / DATE: /
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08/14/20 11:26:56 PM | ARDOUREL
VHSSEATTLEU-DRIVER309309000CADD & BIMSHEETS\TASK 038 NORTH PARKING LOT\SR309309-03B-CP-504.DWG

ISSUED FOR BID

No.	DATE	BY	CHD	REVISION
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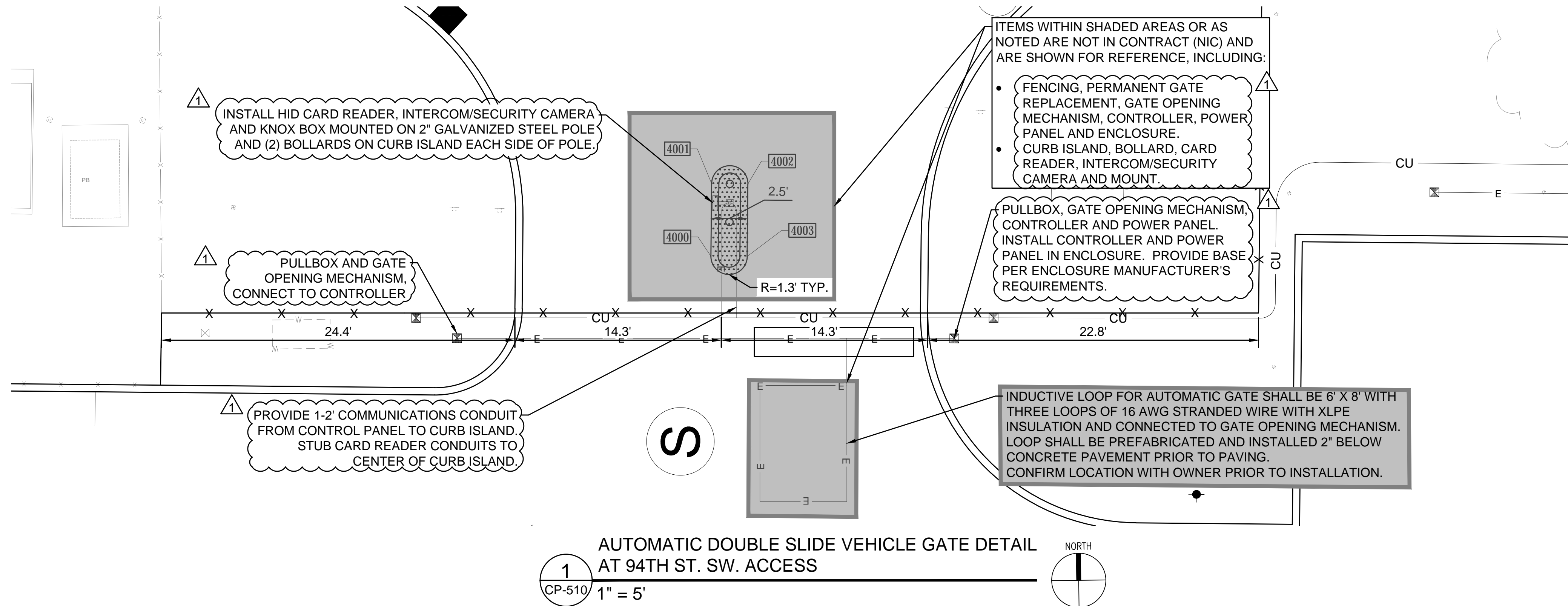


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DESIGNED BY: M. FEWINS	ISSUE DATE: 8/4/2020
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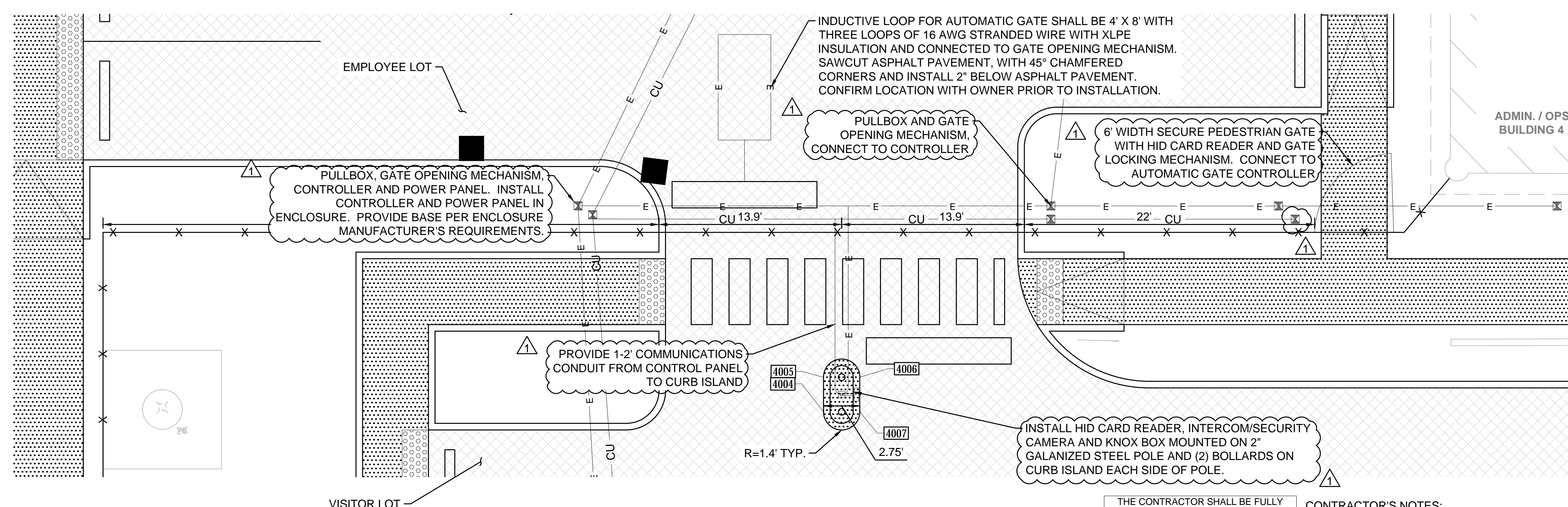
PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH
FENCING & GATE DETAILS

DRAWING No.:	CP-504
SHEET No.:	27 OF 70



1
CP-510 1" = 5'
AUTOMATIC DOUBLE SLIDE VEHICLE GATE DETAIL
AT 94TH ST. SW. ACCESS

- LEGEND**
- E — ELECTRICAL CONDUITS
 - CU — COMMUNICATIONS CONDUITS SEE NOTE 6
 - ⊗ PULLBOX
- GATE NOTES:**
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL FOR THE AUTOMATIC DOUBLE SLIDE VEHICLE GATE AND ASSOCIATED APPURTENANCES. ITEMS TO BE SUBMITTED, INCLUDING SPECIFIC REQUIREMENTS, ARE AS FOLLOWS:
 - A. VEHICLE GATE SHALL BE BLACK VINYL COATED STEEL.
 - B. PEDESTRIAN GATE SHALL BE BLACK VINYL STEEL.
 - C. GATE OPENING MECHANISMS.
 - D. CONTROLLER.
 - E. POWER PANEL.
 - F. ENCLOSURE SHALL BE NEMA 4 RATED.
 - G. SAFETY STANDARDS AS REQUIRED BY UL 325 FOR A CLASS III GATE.
 - H. CARD READER SHALL BE HID.
 - I. INTERCOM/SECURITY CAMERA SHALL BE AXIS A8004-VE.
 - J. FIBER CABLE.
 - K. KNOX BOX SHALL CONFORM TO WEST PIERCE FIRE REQUIREMENTS. CONFIRM WITH WEST PIERCE FIRE MARSHAL PRIOR TO SUBMITTAL
 - L. MOUNTING POLE SHALL BE 2" STEEL WITH 90° ELBOW AND HOOD TO MOUNT CARD READER AND INTERCOM/SECURITY AT APPROXIMATELY 43" ABOVE SURROUNDING ROADWAY.
 2. 3 STRAND BARB WIRE SHALL TRANSITION TO VERTICAL POSTS ON GATE POSTS AND GATES.
 3. CONTRACTOR SHALL PULL FIBER CABLE FROM CONTROLLER TO IT SECURITY CABINET VIA COMMUNICATIONS CONDUIT PER NOTE 7, UE-111. COORDINATE WITH PIERCE TRANSIT IT AND SECURITY FOR ROUTING AND LOCATION OF BUILDING 4 TERMINUS.



2
CP-510 1" = 5'
AUTOMATIC DOUBLE SLIDE VEHICLE GATE DETAIL
AT EMPLOYEE LOT

PAVING POINT TABLE

#	NORTHING	EASTING	DESCRIPTION
4000	676743.53	1146794.25	FC, PT
4001	676748.53	1146794.35	FC, PC
4002	676748.48	1146796.85	FC, PT
4003	676743.48	1146796.75	FC, PC
4004	676228.62	1146745.97	FC, PT
4005	676231.24	1146746.03	FC, PC
4006	676231.18	1146748.78	FC, PT
4007	676228.56	1146748.72	FC, PC

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 08/14/20 | 12:57 PM | AARDOUREL
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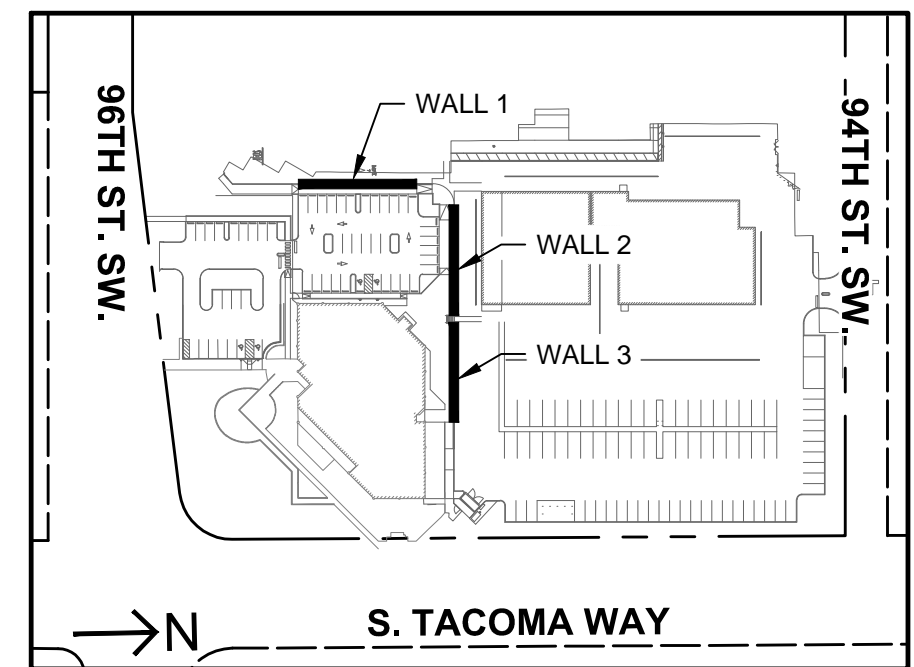
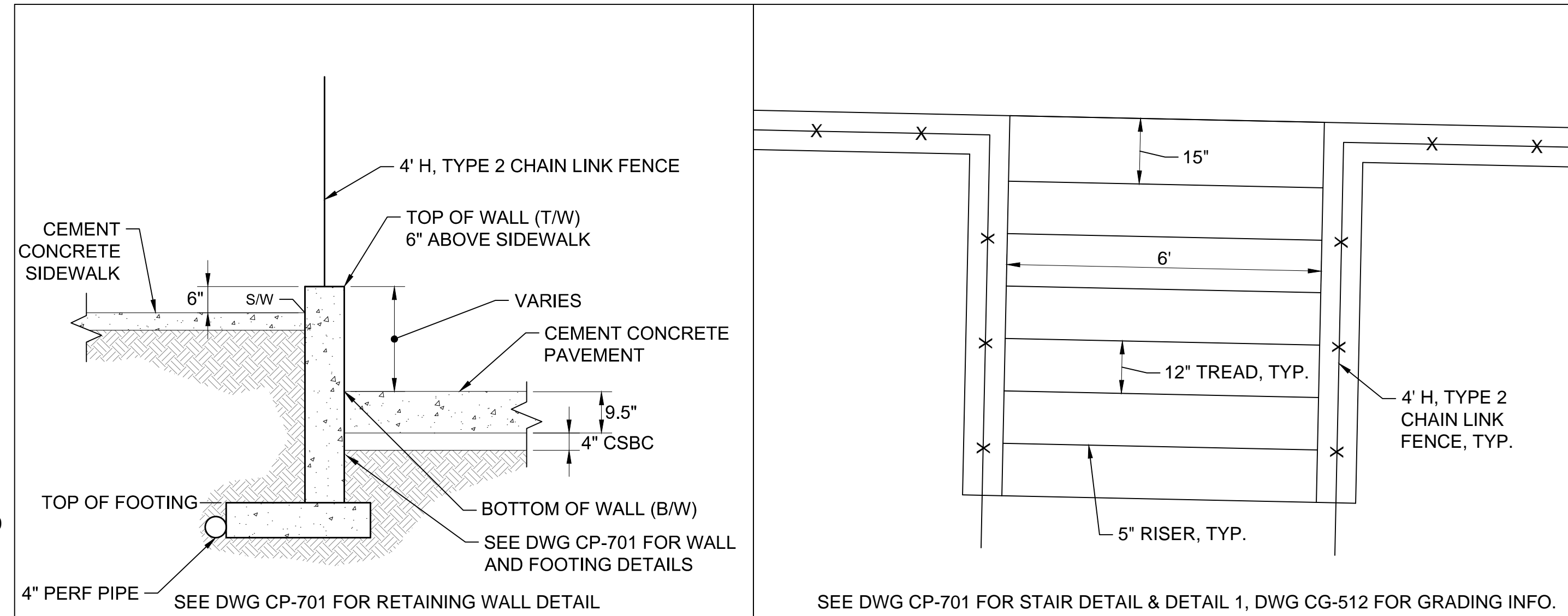
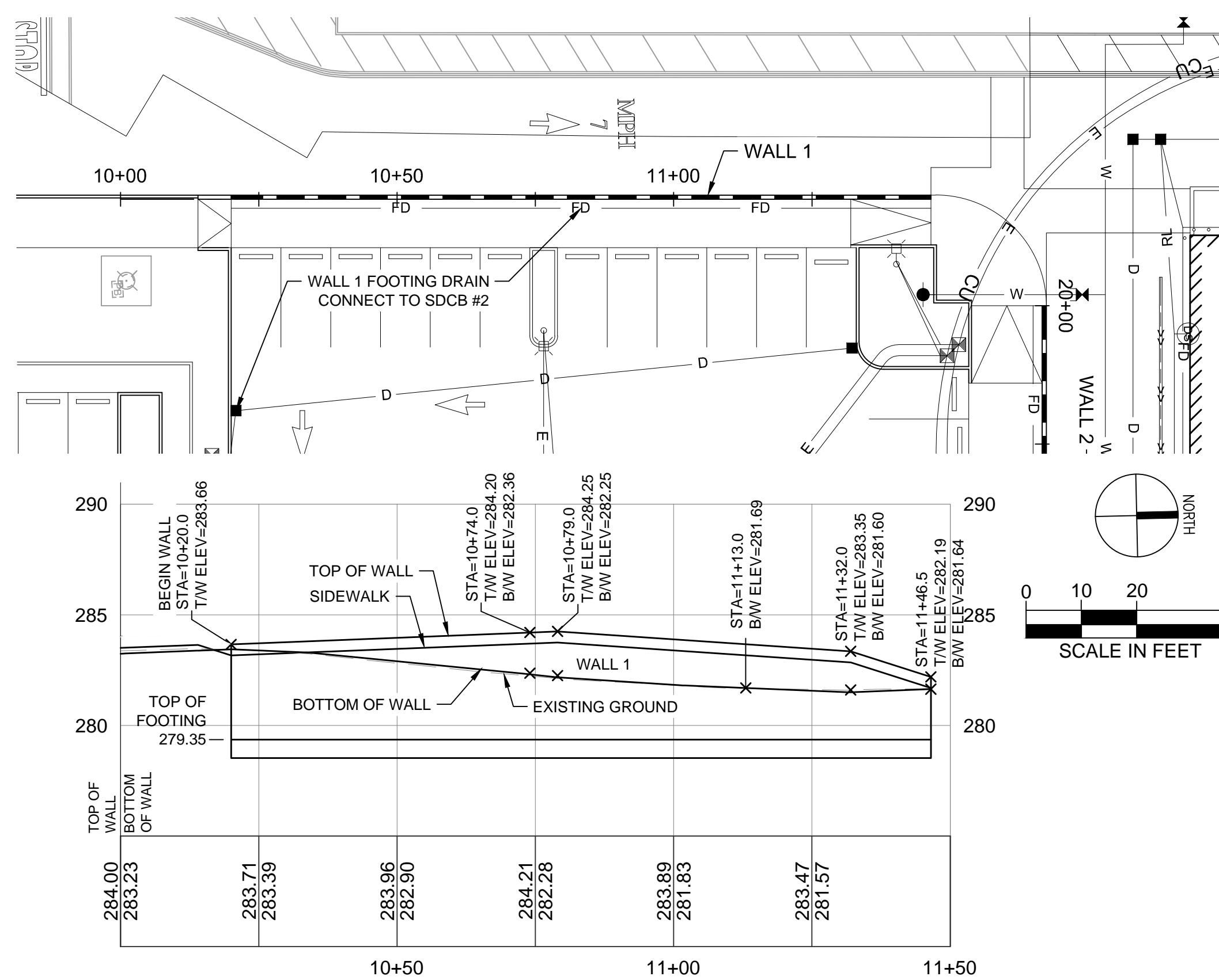
HUIT-ZOLIARS
Huit-Zoliars, Inc.
818 Stewart Street, Suite 1120
Seattle, Washington, 98101
Phone (206) 324-5500 Fax (206) 328-1880



DESIGNED BY: M. FEWINS	ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-CP-510.DWG

PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH		DRAWING No.: CP-510
SLIDING GATE DETAILS & LAYOUT PLAN		SHEET No.: 28 OF 70

SE 1/4 OF SEC. 36, T 20N, R 2E, W.M.

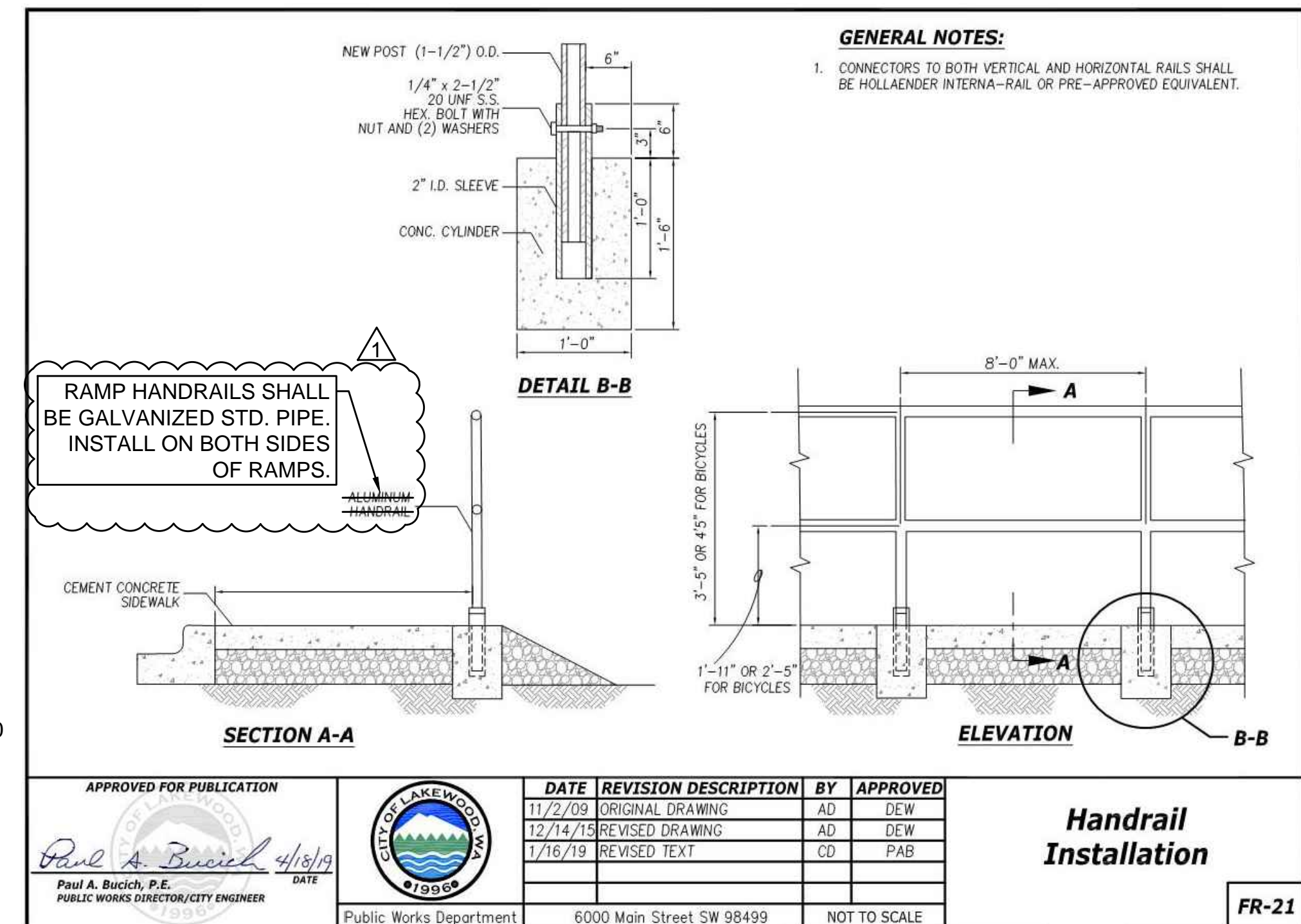
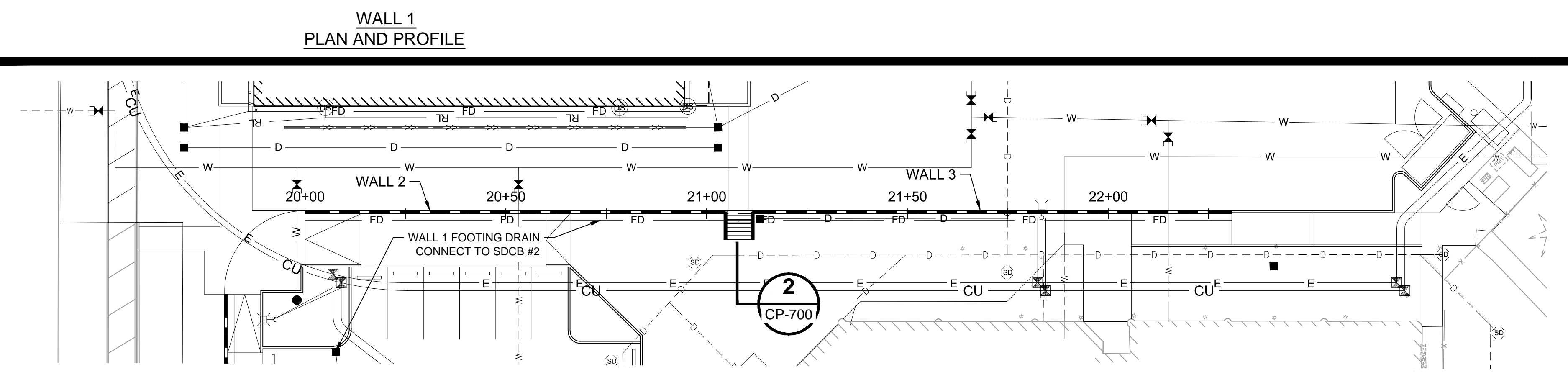


BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. S.W. AND SOUTH TACOMA WAY AND 100TH ST. S.W. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

HORIZONTAL DATUM:
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VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

- NOTES:**
- T/W = TOP OF WALL
 - B/W = BOTTOM OF WALL
 - S/W = SIDEWALK
- TOP OF WALL ELEVATIONS ASSUMED TO BE FLUSH WITH THE TOP OF CEMENT CONCRETE SIDEWALK ON HIGH SIDE OF WALL.
 - BOTTOM OF WALL IS THE ELEVATION OF TOP OF CEMENT CONCRETE PAVEMENT ON LOW SIDE OF WALL.



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No.	DATE	BY	CHD	REVISION
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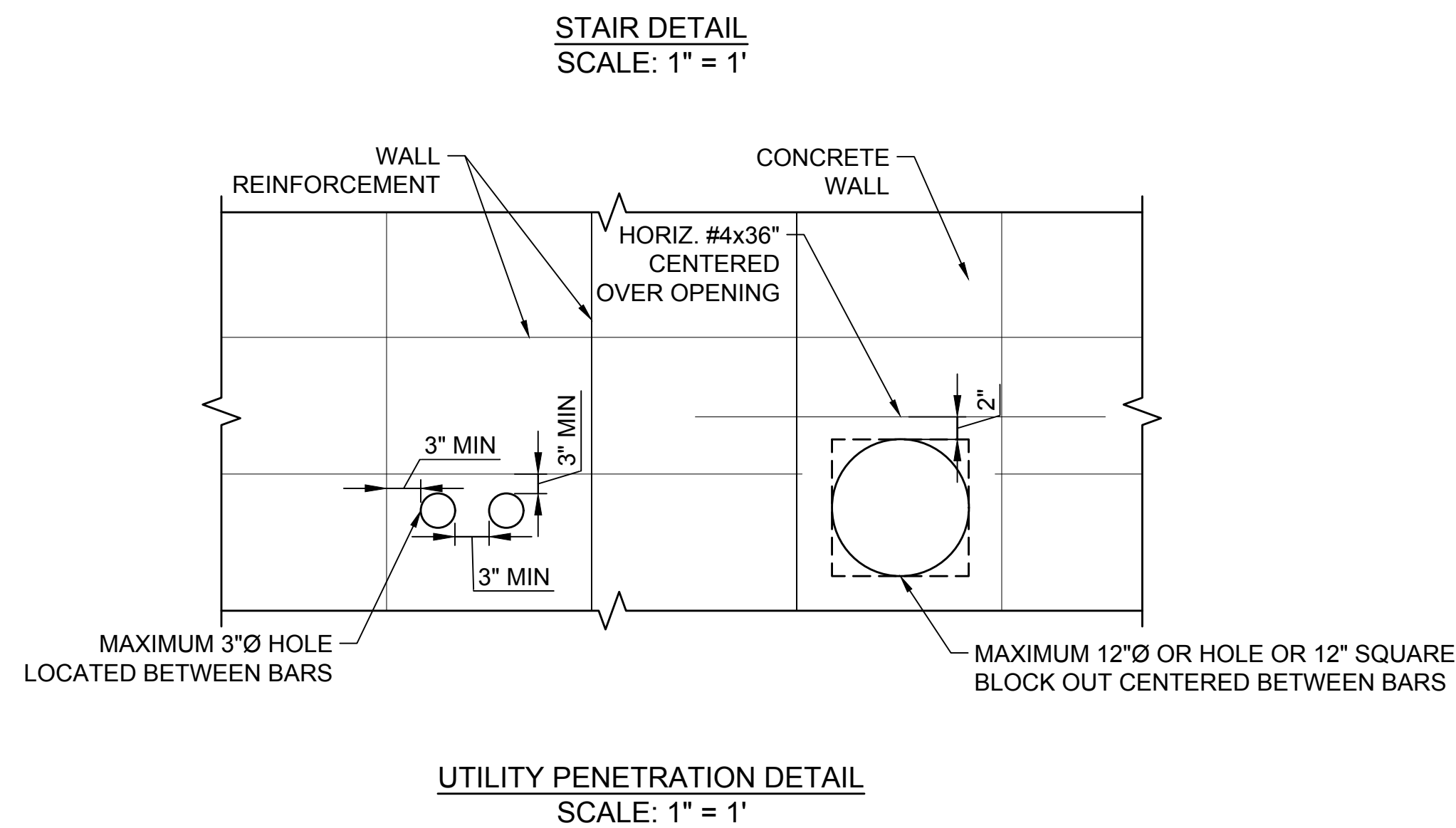
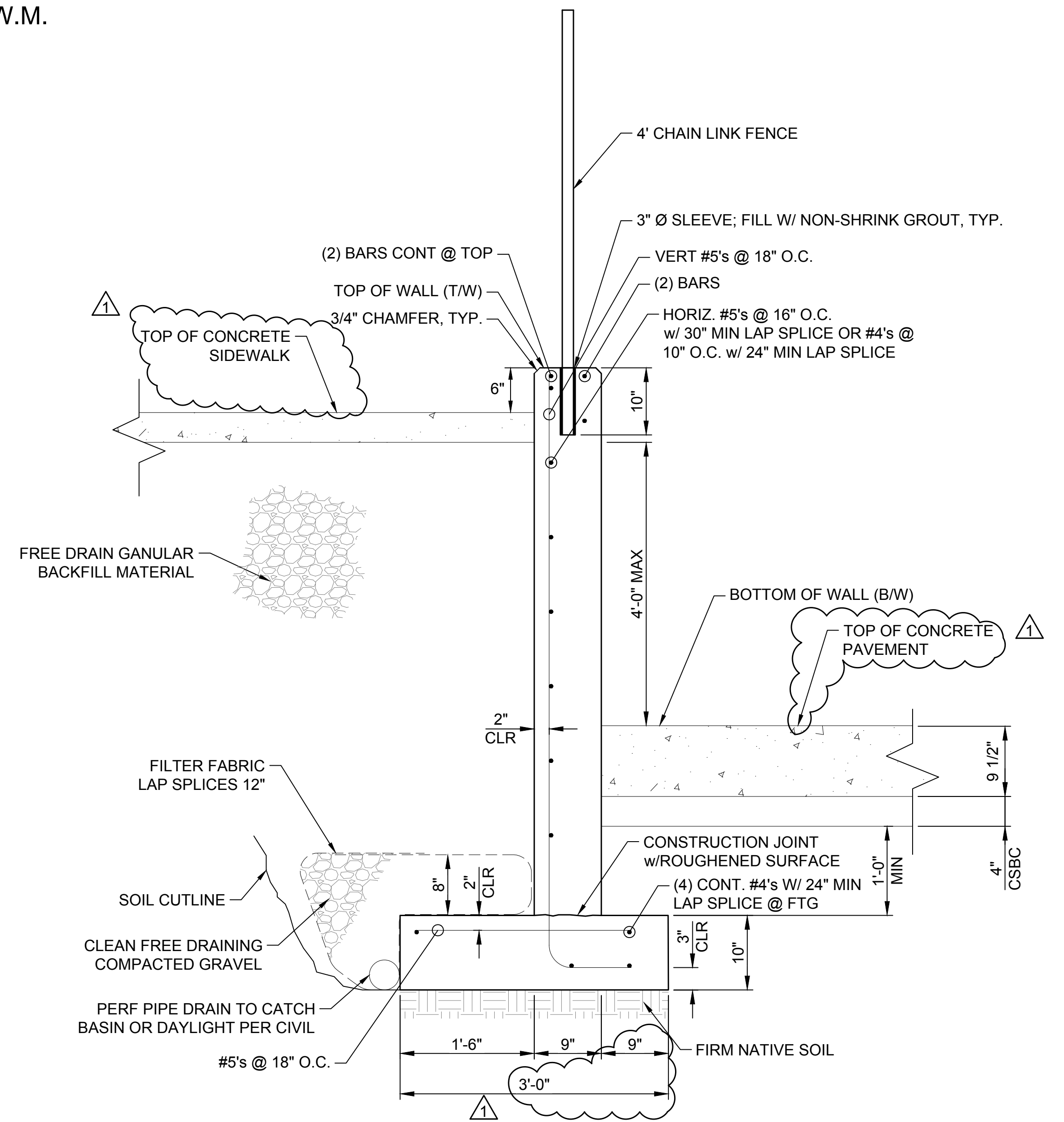
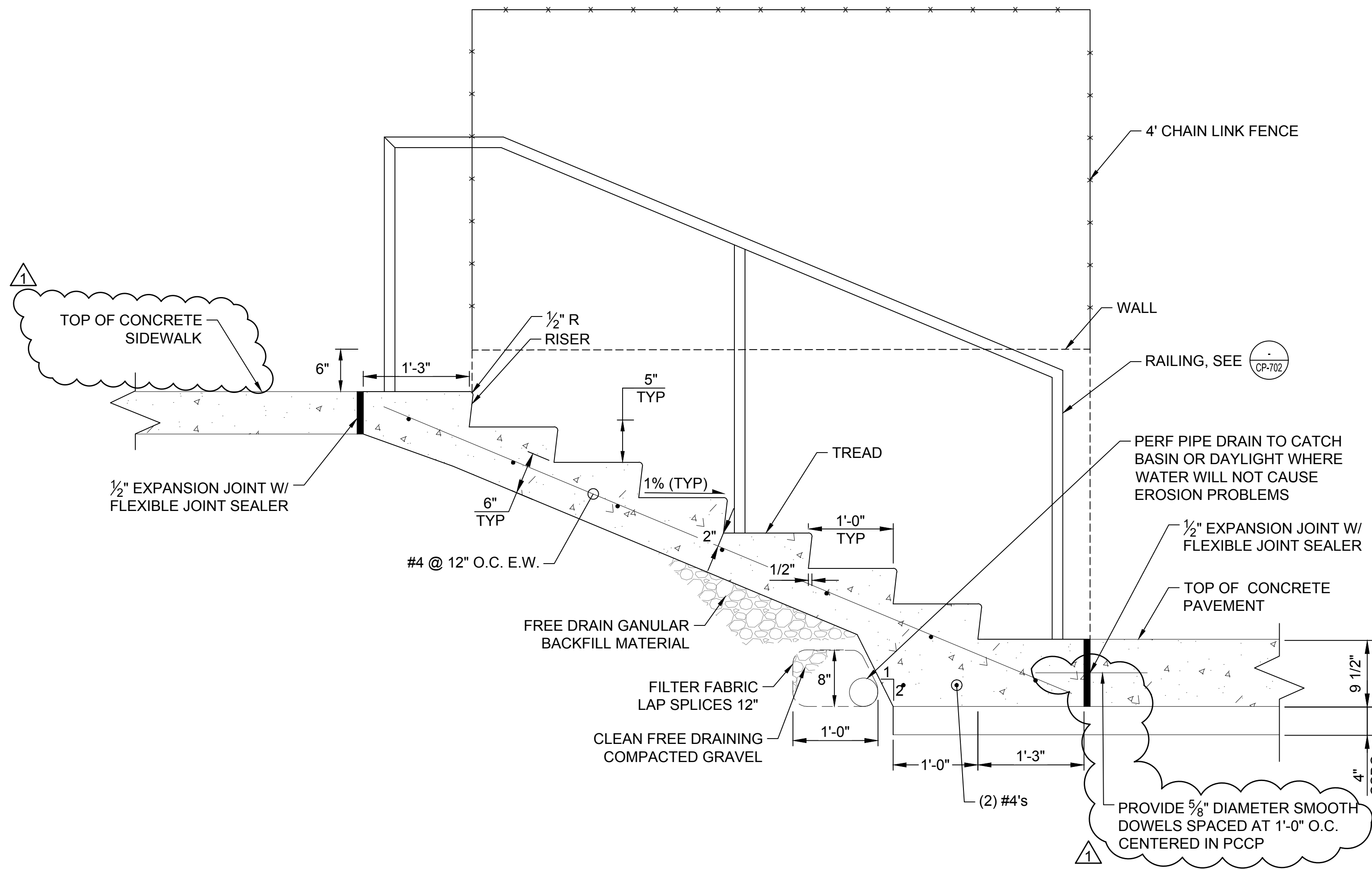
DESIGNED BY: M. FEWINS	ISSUE DATE: 8/4/2020
DRAWN BY: D. BAGLEY	JOB NO.: R309309.03
CHECKED BY: F. WALL	DRAWING FILE NO.: SR309309-03B-CP-700.DWG

PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH

RETAINING WALLS & STAIRS PLANS, PROFILES & DETAILS

DRAWING No.:
CP-700

SHEET No.:
29 OF 70



BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

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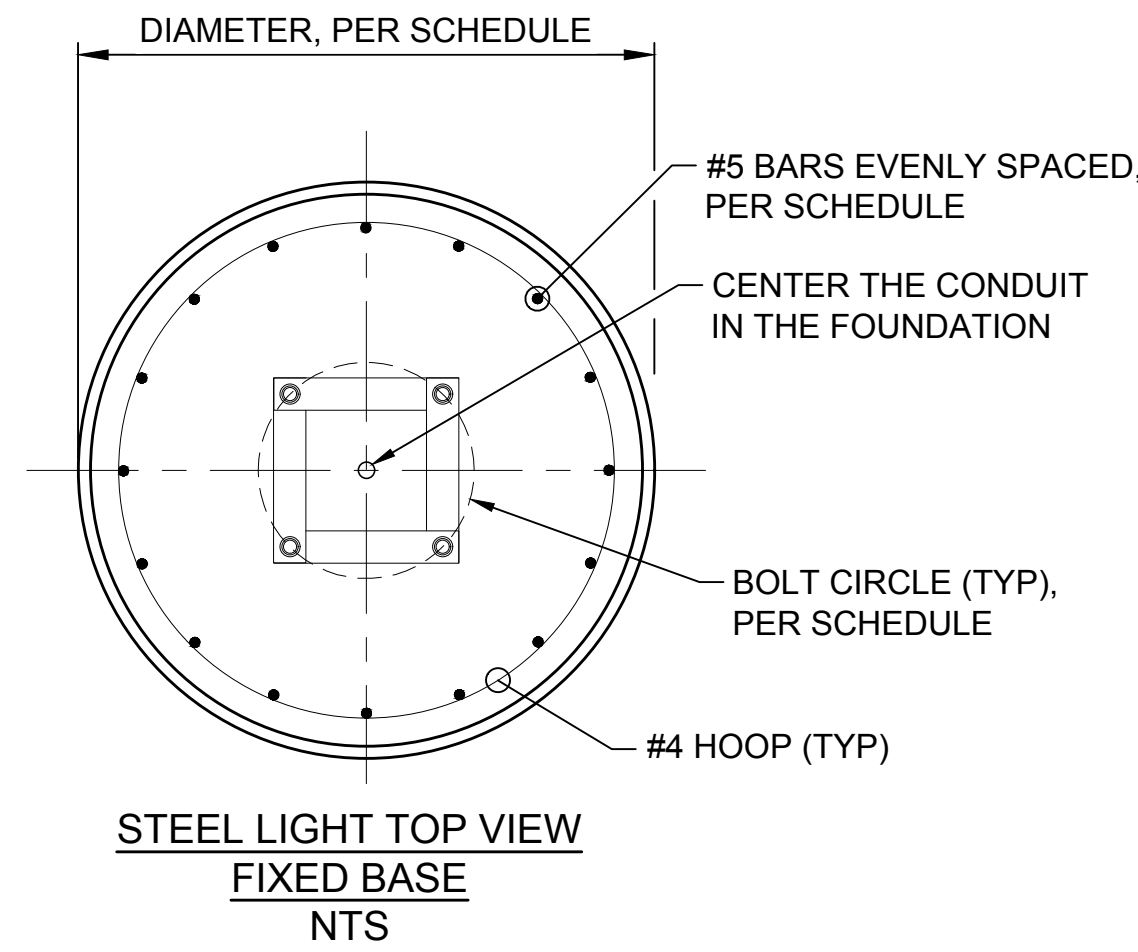


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DRAWN BY: MH	JOB NO.: R309309.03
CHECKED BY: JTM	DRAWING FILE NO.: DETAILS.DWG

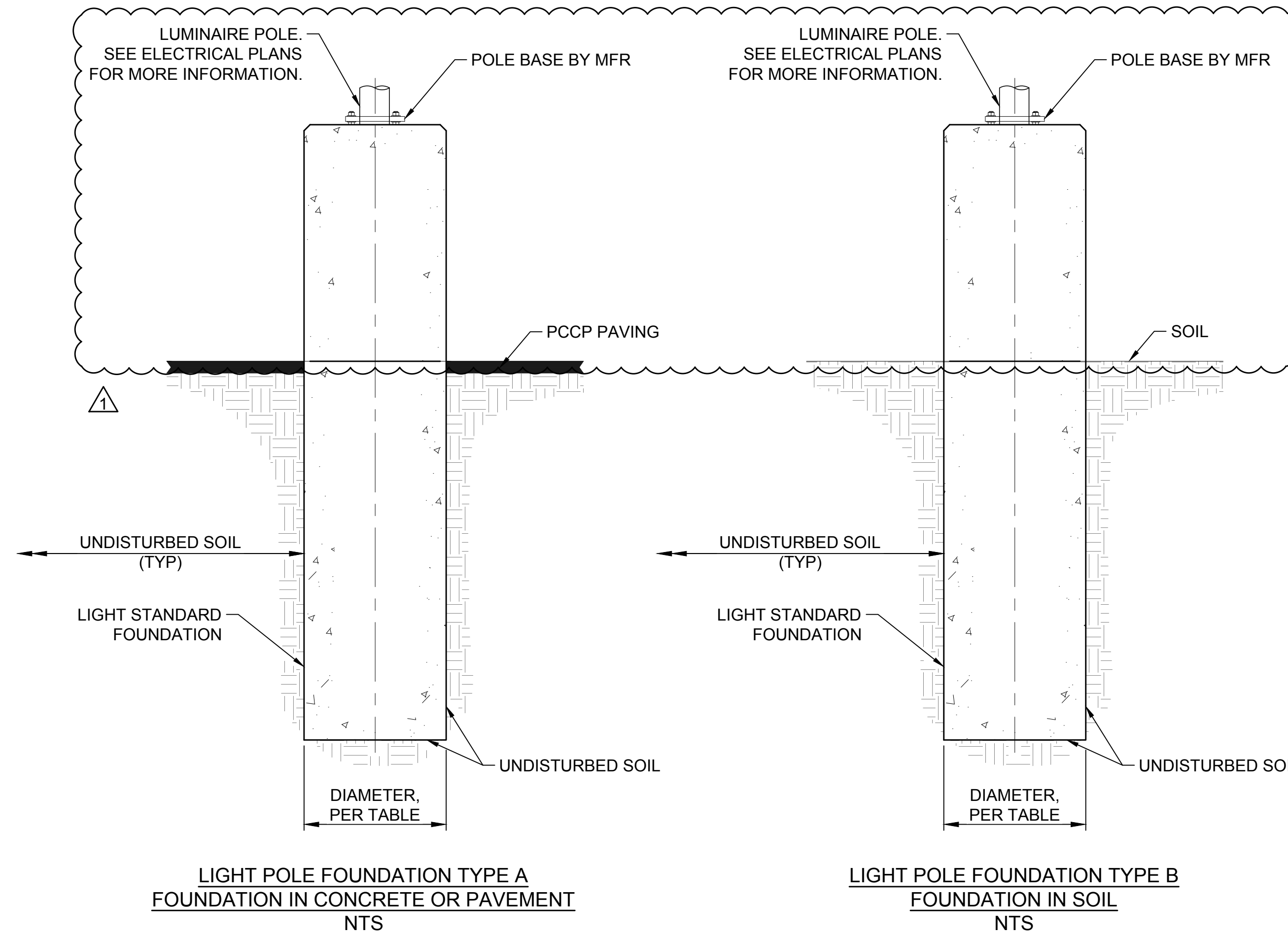
PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH

RETAINING WALL & STAIRS DETAILS

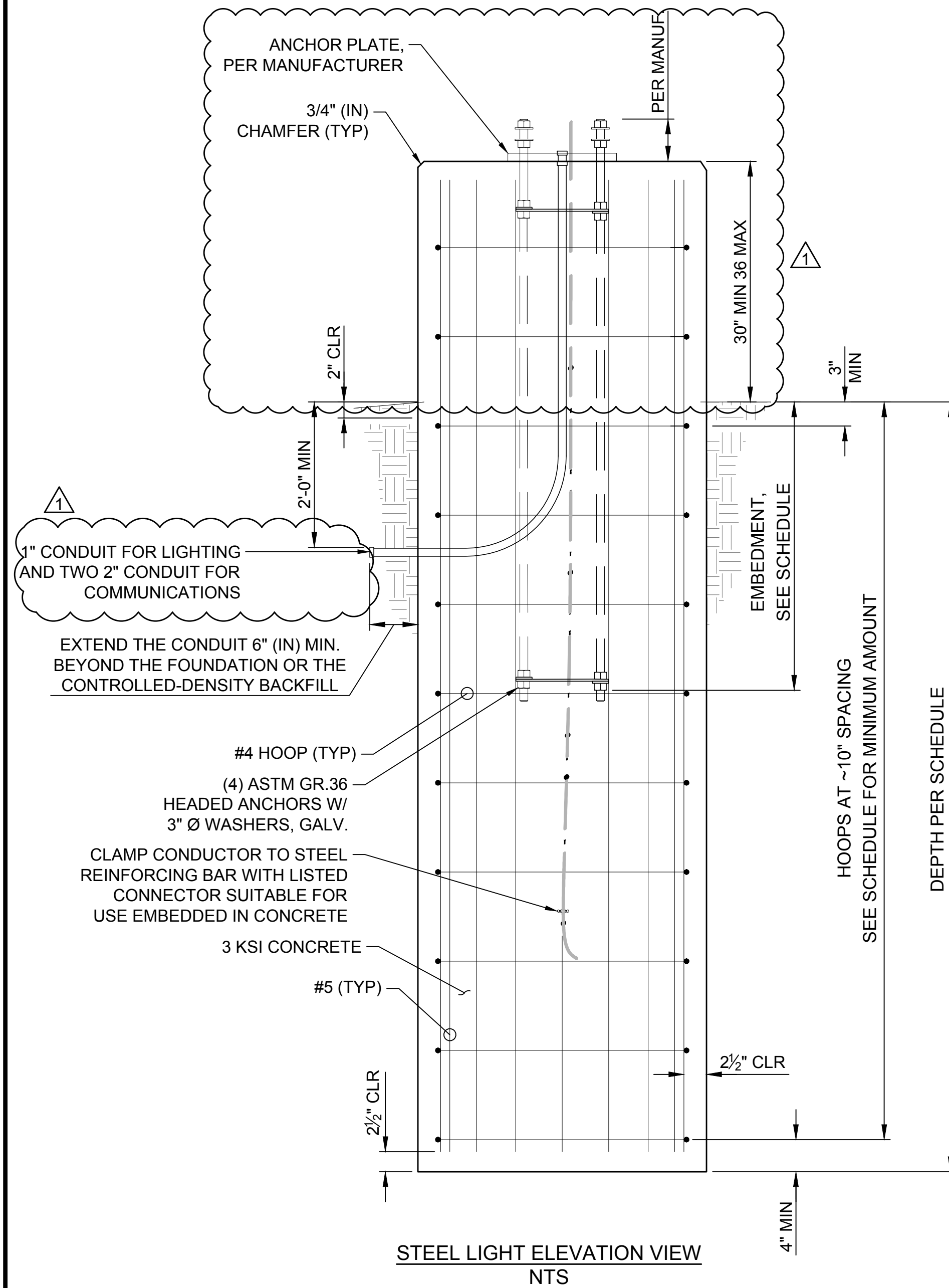
DRAWING No.:	CP-701
SHEET No.:	30 OF 70



LIGHTING POLE BASE SCHEDULE						
POLE LENGTH	FOUNDATION TYPE	DIAMETER	DEPTH	# OF BARS	MIN. # OF HOOPS	BOLT CIRCLE
UP TO 25'	A AND B	30"	3'-6"	14	5	0'-10"
UP TO 50'	A	36"	4'-3"	16	5	1'-1 1/2"
UP TO 50'	B	36"	5'-6"	16	7	1'-1 1/2"
UP TO 80'	A AND B	36"	9'-0"	16	11	1'-10 1/2"



ANCHOR BOLT SCHEDULE		
POLE LENGTH	DIAMETER	EMBEDMENT
UP TO 25 FT.	1"	2'-0" MIN; 2'-6" MAX
UP TO 50 FT.	1"	2'-6" MIN; 3'-0" MAX
RELOCATED 80 FT.	2"	1'-9"



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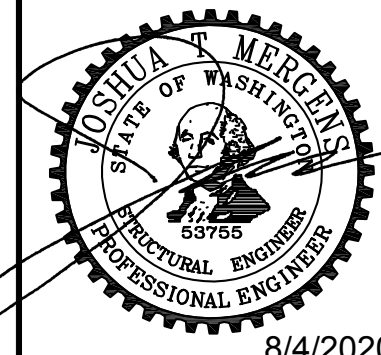
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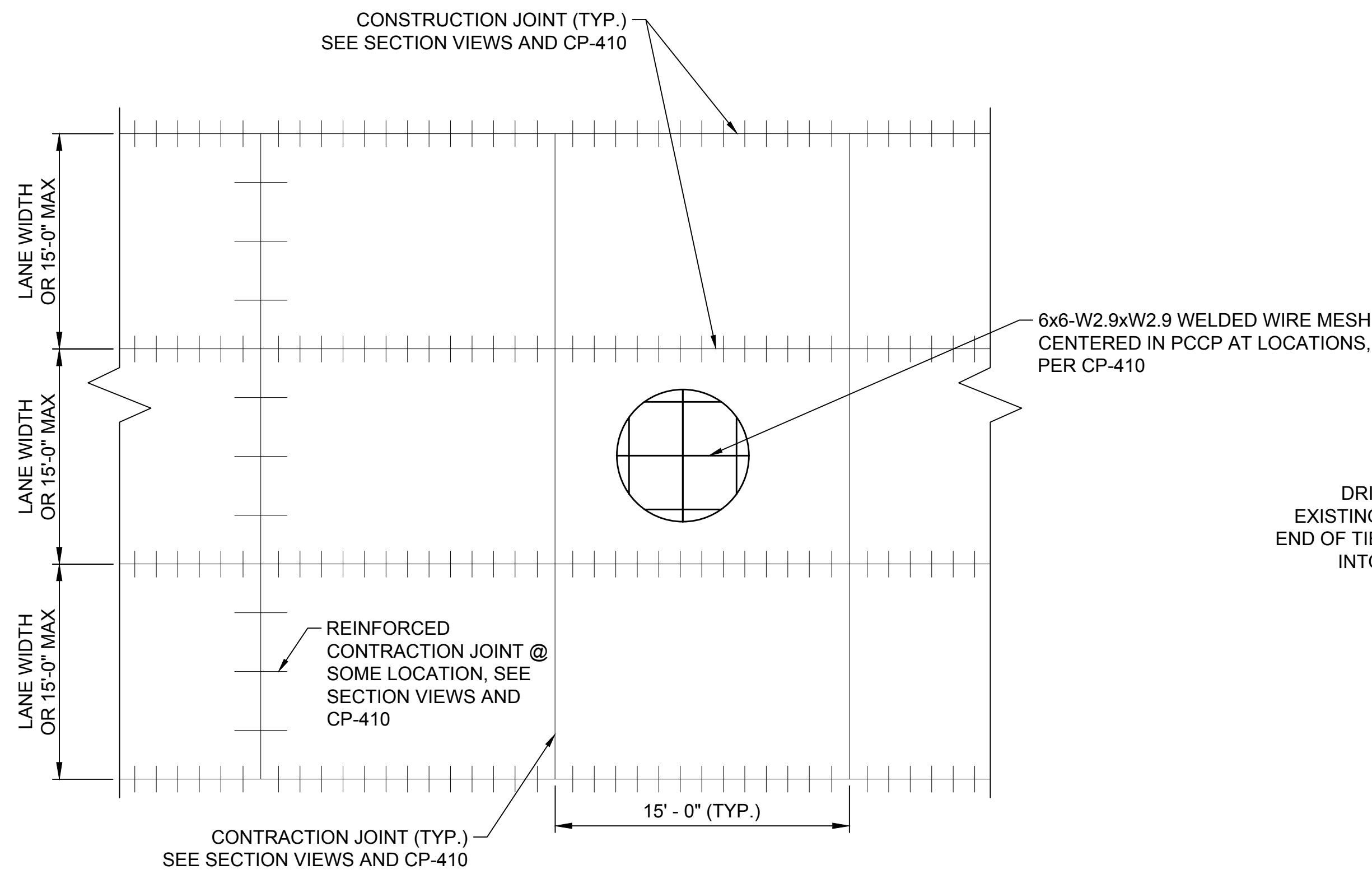


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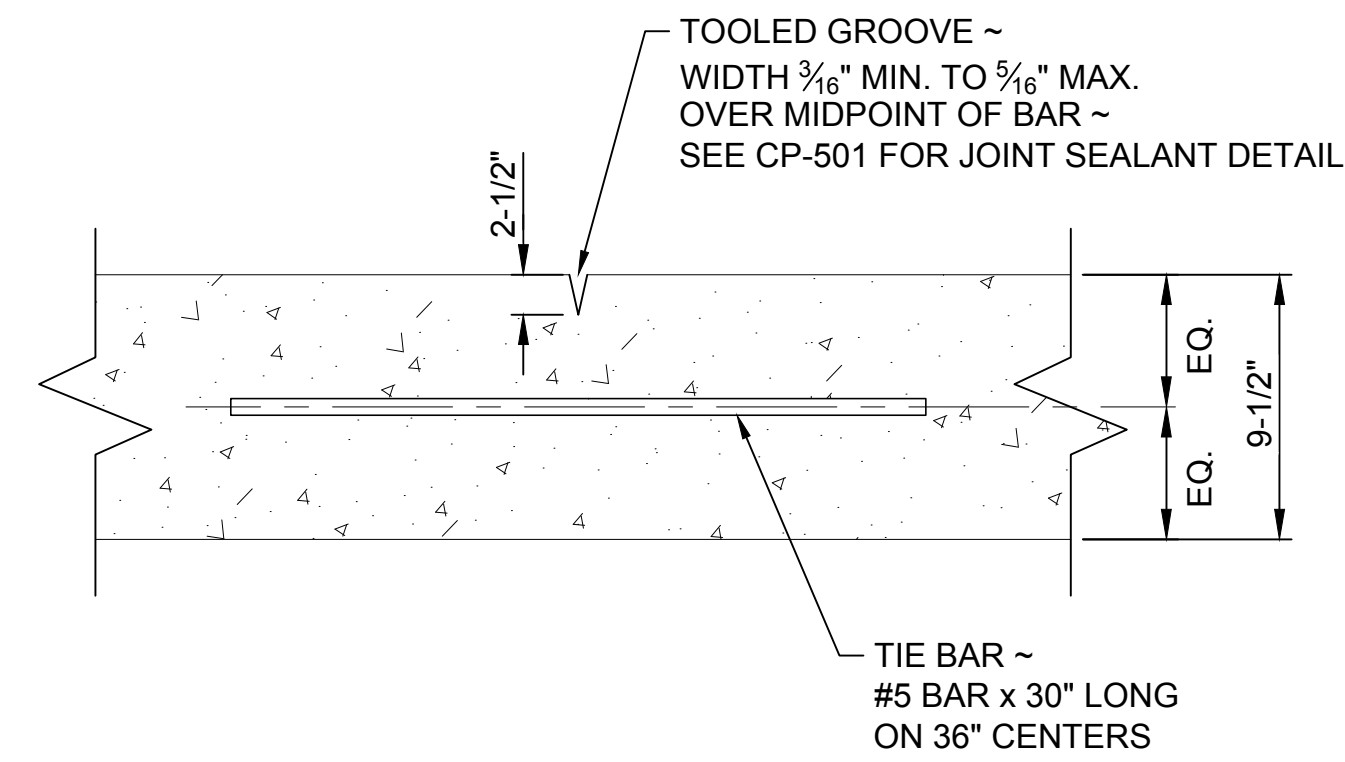
PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH

DRAWING No.:	CP-703
SHEET No.:	32 OF 70

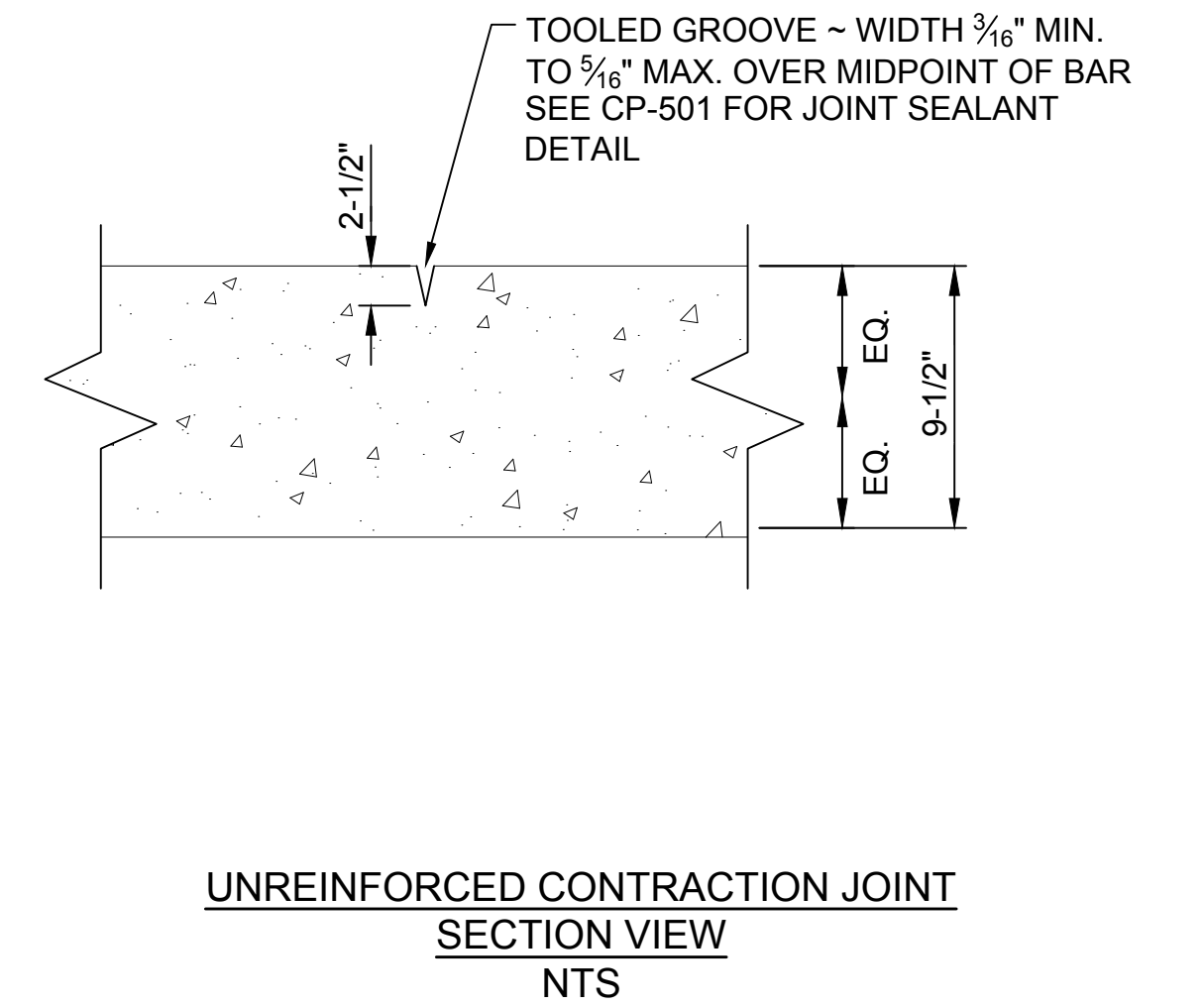
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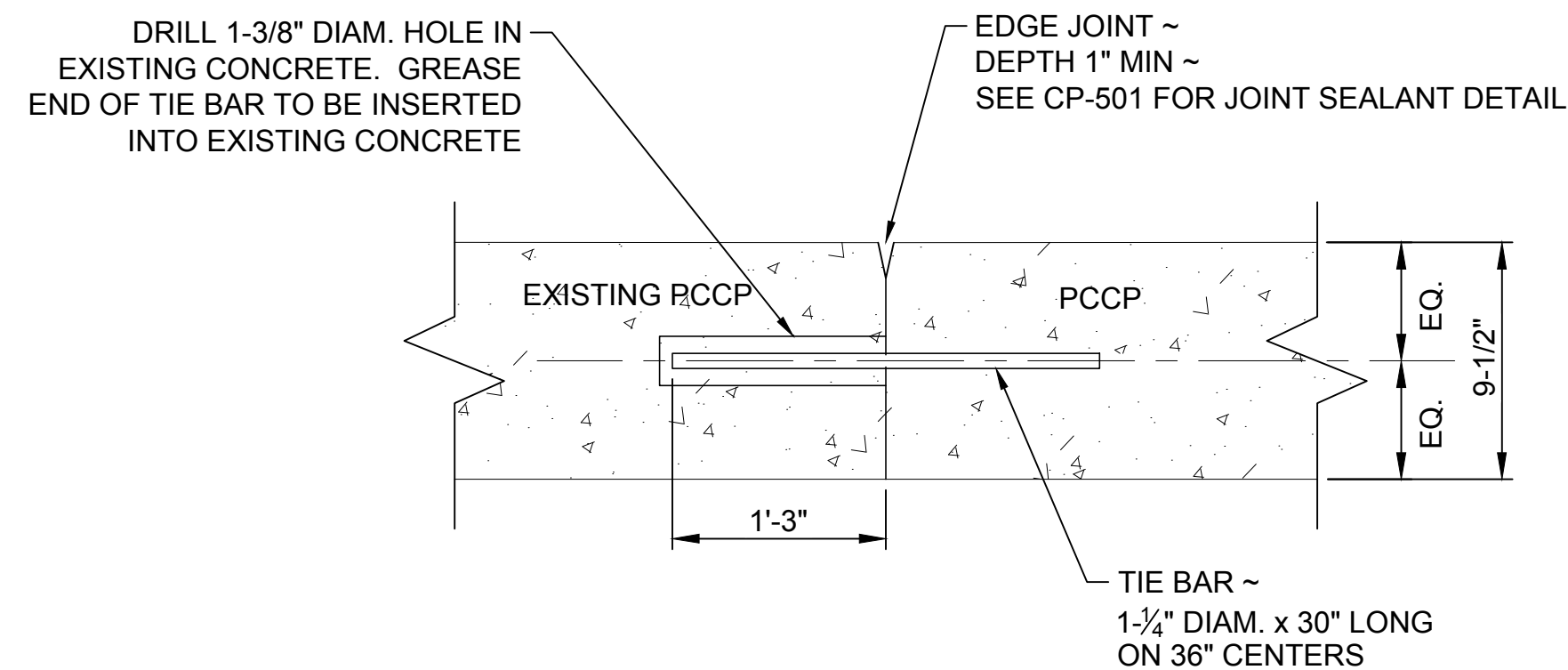
TYPICAL CEMENT CONCRETE PAVEMENT JOINT REINFORCEMENT PLAN VIEW
NTS



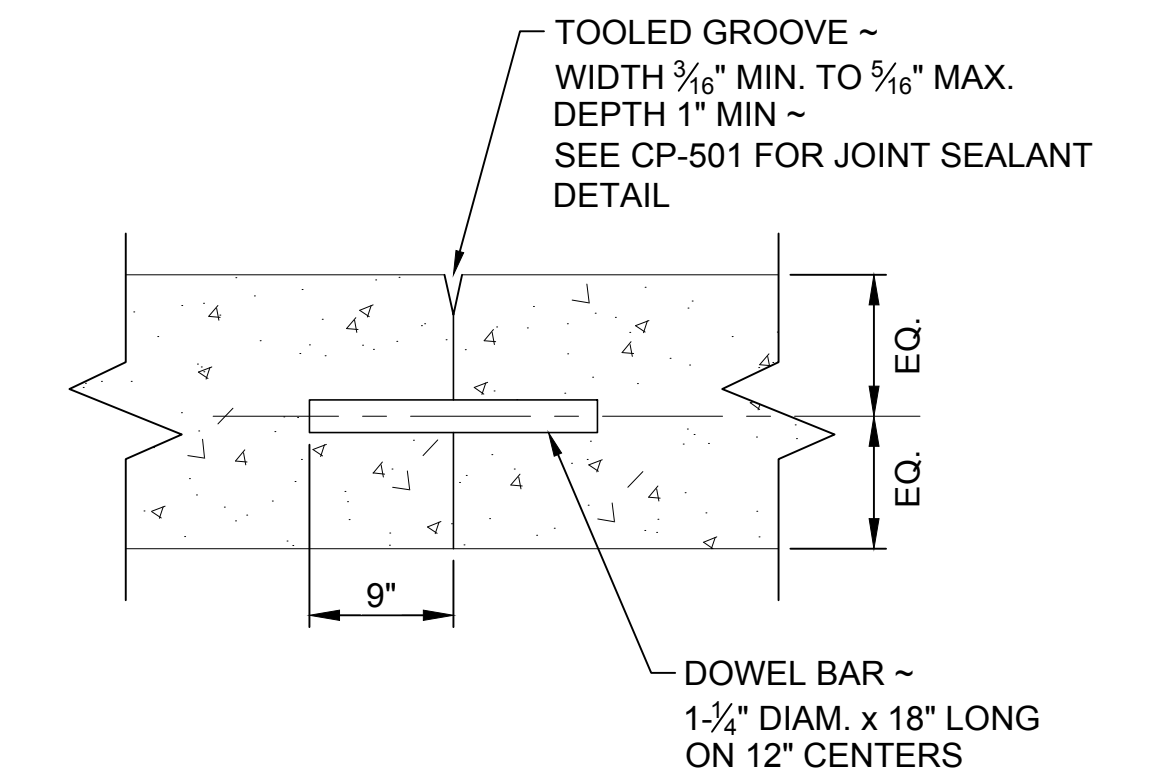
REINFORCED CONTRACTION JOINT
SECTION VIEW
SCALE: 1" = 1'



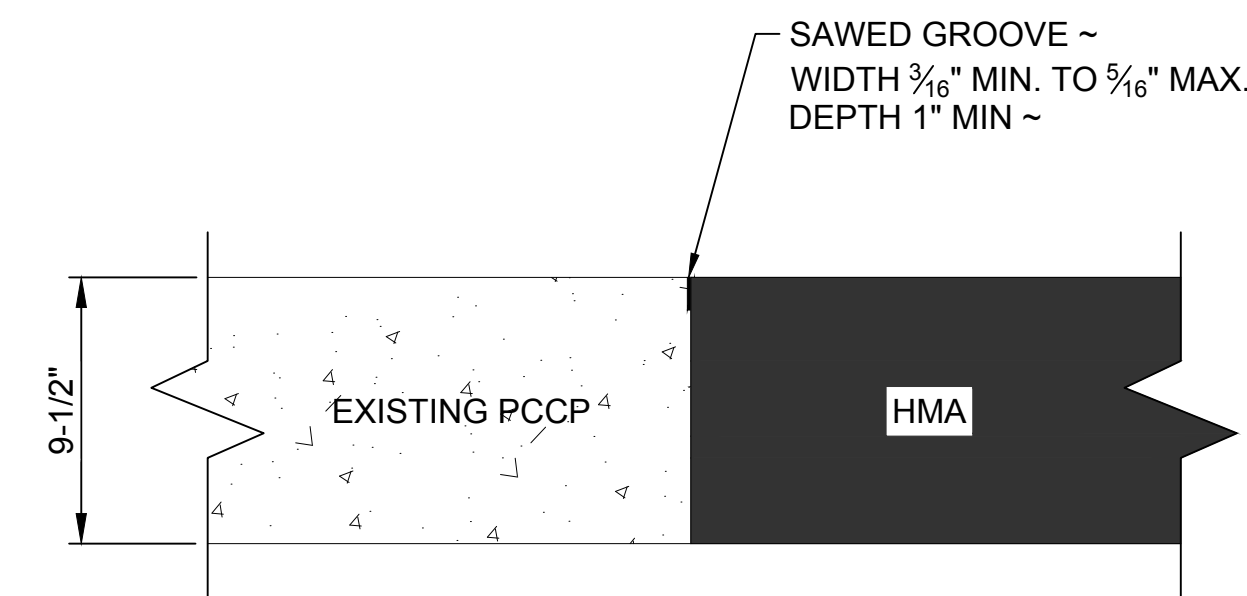
UNREINFORCED CONTRACTION JOINT
SECTION VIEW
NTS



NEW PCCP TO EXISTING PCCP
CONSTRUCTION JOINT SECTION VIEW
SCALE: 1" = 1'



CONSTRUCTION JOINT
SECTION VIEW
NTS



PCCP TO HMA
JOINT SECTION VIEW
SCALE: 1" = 1'

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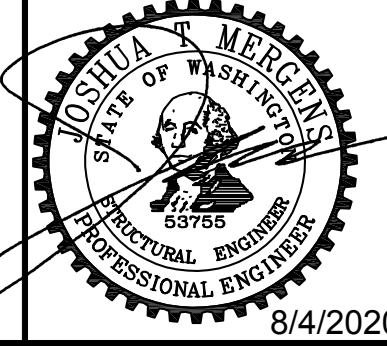
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PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH

CEMENT CONCRETE PAVEMENT JOINTS
DETAILS

DRAWING No.: **CP-705**
SHEET No.: 34 OF 70

STRUCTURAL NOTES

1.0 GENERAL NOTES

THESE STRUCTURAL NOTES SUPPLEMENT THE DRAWINGS. ANY DISCREPANCY FOUND AMONG THE DRAWINGS, THESE NOTES, AND THE SITE CONDITIONS SHALL BE REPORTED TO THE ENGINEER OF RECORD (EOR), WHO SHALL CORRECT SUCH DISCREPANCY IN WRITING. ANY WORK DONE BY THE CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE CONTRACTOR'S RISK. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE DIMENSIONS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL BRACING AND SHORING DURING CONSTRUCTION.

1.1 BIDDERS WARRANTY

BY THE ACT OF SUBMITTING A BID FOR THE PROPOSED CONTRACT, THE CONTRACTOR WARRANTS THAT:

- A. THE CONTRACTOR AND ALL SUBCONTRACTORS THEY INTEND TO USE HAVE CAREFULLY AND THOROUGHLY REVIEWED THE DRAWINGS AND STRUCTURAL NOTES AND HAVE FOUND THEM COMPLETE AND FREE FROM AMBIGUITIES AND SUFFICIENT FOR THE PURPOSE INTENDED; FURTHER THAT,
- B. THE CONTRACTOR HAS CAREFULLY EXAMINED THE SITE OF THE WORK AND THAT FROM THEIR OWN INVESTIGATIONS, THEY HAVE SATISFIED THEMSELVES AS TO THE NATURE AND LOCATION OF THE WORK, AS TO THE CHARACTER, QUALITY, QUANTITIES OF MATERIAL AND DIFFICULTIES TO BE ENCOUNTERED, AS TO THE EXTENT OF EQUIPMENT AND OTHER FACILITIES NEEDED FOR THE PERFORMANCE OF THE WORK AND AS TO THE GENERAL AND LOCAL CONDITIONS, AND OTHER ITEMS WHICH MAY IN ANY WAY AFFECT THE WORK OR ITS PERFORMANCE, FURTHER THAT,
- C. THE CONTRACTOR AND ALL WORKMEN THEY INTEND TO USE ARE SKILLED AND EXPERIENCED IN THE TYPE OF CONSTRUCTION REPRESENTED BY THE DRAWINGS AND DOCUMENTS BID UPON; FURTHER THAT,
- D. NEITHER THE CONTRACTOR NOR ANY OF THEIR EMPLOYEES, AGENTS, INTENDED SUPPLIERS, OR SUBCONTRACTORS HAVE RELIED UPON ANY VERBAL REPRESENTATIONS ALLEGEDLY AUTHORIZED OR UNAUTHORIZED FROM THE OWNER OR HIS EMPLOYEES OR AGENTS, INCLUDING THE ARCHITECT OR ENGINEERS, IN ASSEMBLING THE BID FIGURES; FURTHER THAT,
- E. THE BID FIGURE IS BASED SOLELY UPON THE CONSTRUCTION CONTRACT DOCUMENTS AND PROPERLY ISSUED WRITTEN ADDENDA AND NOT UPON ANY OTHER WRITTEN OR VERBAL REPRESENTATIONS.

1.2 CODES

- A. ALL METHODS, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2015 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE LOCAL GOVERNING AUTHORITY.
- B. ALL REFERENCE TO OTHER CODES, ACI, ASTM ETC., SHALL BE THE EDITION REFERENCED IN THE 2015 IBC AS AMENDED AND ADOPTED BY THE LOCAL GOVERNING AUTHORITY.

1.3 DESIGN LOADS

A. DEAD LOADS:

LOCATION	DEAD LOAD
CONCRETE	150 PCF
STRUCTURAL STEEL	490 PCF

B. LIVE LOADS:

SURCHARGE DUE TO BUS LOADING = 250 PSF
 SURCHARGE DUE TO SIDEWALKS = 120 PSF

D. LATERAL LOADS:

(1) WIND: $V_{ult} = 110$ MPH ~ 3 SECOND GUST
 $V_{des} = 85$ MPH ~ 3 SECOND GUST
 RISK CATEGORY II
 EXPOSURE: C

(2) SEISMIC: RISK CATEGORY II

SEISMIC IMPORTANCE FACTOR, $I_e = 1.0$
 $S_s = 1.294$
 $S_1 = 0.509$
 SEISMIC SITE CLASS D
 $S_{ps} = 0.862$
 $S_{p1} = 0.509$
 SEISMIC DESIGN CATEGORY D

1.4 SOIL DATA

SOIL PROPERTIES ARE FROM THE GEOTECHNICAL REPORT PREPARED BY HART CROWSER, INC., REPORT NUMBER 19417-01

ACTIVE PRESSURE = 35 PSF
 PASSIVE PRESSURE = 450 PSF
 COEFFICIENT OF STATIC FRICTION = 0.6
 ALLOWABLE SOIL PRESSURE 4000 PSF, ALLOW 33-13% INCREASE FOR LOADS FROM WIND OR SEISMIC ORIGIN.

1.5 INSPECTION

SPECIAL INSPECTION IS REQUIRED FOR ALL CONCRETE.

1.6 SHOP DRAWINGS

THE ENGINEER OF RECORD SHALL REVIEW SHOP DRAWINGS FOR DESIGN INTENT ONLY. DIMENSIONS AND QUANTITIES ARE NOT GUARANTEED BY THE ENGINEER OF RECORD, THEREFORE, THEY MUST BE VERIFIED BY THE GENERAL CONTRACTOR. DRAWINGS FOR COMPONENTS DESIGNED PRIMARILY BY OTHERS SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO CURSORY REVIEW BY THE ENGINEER OF RECORD FOR LOADS IMPOSED ON THE BASIS STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. SUBMIT A REPRODUCIBLE AND ONE COPY OF THE SHOP DRAWINGS TO THE ARCHITECT OR ENGINEER. THE REPRODUCIBLE WILL BE REVIEWED AND RETURNED. ALLOW 10 WORKING DAYS FOR REVIEW. SHOP DRAWINGS SHALL BE SUBMITTED FOR THE FOLLOWING:

- A. REINFORCING STEEL
- B. STRUCTURAL STEEL

SHOP DRAWINGS MUST BE REVIEWED AND STAMPED BY THE CONTRACTOR PRIOR TO SUBMISSION AND REVIEW BY THE ENGINEER.

1.7 REQUIRED SUBMITTALS

- A. CERTIFICATES OF COMPLIANCE FROM FABRICATORS OF PREFABRICATED STEEL MEMBERS AT COMPLETION OF FABRICATION.

2.0 SITE WORK

2.1 EXCAVATION

EXCAVATE FOOTINGS DOWN TO DEPTH ON DRAWINGS OR TO FIRM UNDISTURBED MATERIAL. AREAS OVER-EXCAVATED SHALL BE BACKFILLED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT. SUITABLE SUBGRADE FOR FOUNDATION BEARING SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER.

2.2 BACKFILL AND COMPACTION

BACKFILL AGAINST WALLS SHALL NOT BE PLACED UNTIL AFTER THE REMOVAL OF ALL FORMS, SCREEDS, OTHER WOOD DEBRIS AND MATERIAL SUBJECT TO ROT OR CORROSION. USE ONLY MATERIALS APPROVED FOR BACKFILL. IN AREAS UNDER SLABS OR FOOTINGS, MATERIAL OTHER THAN PEA GRAVEL SHOULD BE GRANULAR IN NATURE, PLACED IN 6 INCH LIFTS AND COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASHTO COMPACTION TEST PROCEDURE T-180. THE FILL SHOULD BE LIMITED TO CLEAN, GRANULAR MATERIAL. PEA GRAVEL FILL WHERE SPECIFIED ON DRAWINGS SHALL HAVE A MAXIMUM PARTICLE SIZE OF 3/8" DIAMETER.

3.0 STRUCTURAL CONCRETE

3.1 GENERAL

ALL CONCRETE SHALL BE HARD ROCK CONCRETE MEETING REQUIREMENTS FOR "ULTIMATE STRENGTH TYPE CONCRETE", PER ACI-301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS". PROPORTIONING OF INGREDIENT FOR EACH CONCRETE MIX SHALL BE BY METHOD 2 OR THE ALTERNATE PROCEDURE (306) WINTER CONCRETING AND ACI-605 (305) FOR HOT WEATHER CONCRETING. USE INTERIOR MECHANICAL VIBRATORS WITH 7000 RPM MINIMUM FREQUENCY. DO NOT OVER-VIBRATE. CONCRETE SHALL BE PLACED

MONOLITHICALLY BETWEEN CONSTRUCTION OR CONTROL JOINTS. PROTECT ALL FRESHLY PLACED CONCRETE FROM PREMATURE DRYING EXCESSIVE HOT OR COLD TEMPERATURE FOR SEVEN DAYS AFTER POURING. PROVIDE ARCHITECT/ENGINEER WITH PROPOSED CONSTRUCTION OR CONTROL JOINT LOCATIONS FOR HIS APPROVAL. WATER/CEMENT RATION FOR ALL MIXED DESIGNS SHALL BE LESS THAN OR EQUAL TO 0.40.

3.2 STRENGTH

	EXPOSURE	REQUIREMENTS		
		PSI @ 28 DAYS	ASTM C150 CEMENT RESTRICTION	MAX CL ION CONTENT
VERTICALLY FORMED WALLS	F3, S0, W0, C2	3000	NONE	0.15
FOOTINGS	F0, S0, W0, C1	3000	NONE	0.30

SEE ACI 318-14 TABLE 19.3.2.1 REQUIREMENTS FOR CONCRETE BY EXPOSURE CLASS.

CEMENT CONCRETE PAVEMENT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI, MIX DESIGN SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 5-05.

3.3 MATERIALS

- A. CEMENT MUST CONFORM TO ASTM 150, TYPE I OR TYPE I-II.
- B. COARSE AND FINE AGGREGATE TO CONFORM TO ASTM C33

3.4 WATER REDUCING ADMIXTURES

- A. WATER REDUCING ADMIXTURE: MUST CONFORM TO ASTM C494. ADMIXTURES SHALL BE INCORPORATED INTO ALL CONCRETE IN EXACT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. SYNERGIZED PERFORMANCE SYSTEMS: CONCRETE USING ADMIXTURES TO PRODUCE FLOWABLE CONCRETE MAY BE USED WITH ENGINEER'S APPROVAL. DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- C. AIR ENTRAINMENT: CONFORMED TO ASTM C260 AND ASTM C494, ENTRAIN 5% PLUS/MINUS 1% BY VOLUME IN ALL EXPOSED CONCRETE.
- D. NO OTHER ADMIXTURES PERMITTED UNLESS APPROVED BY THE ENGINEER.

3.5 REINFORCING STEEL

- DETAIL, FABRICATE, AND PLACE PER ACI-315 AND ACI-318 SUPPORT REINFORCEMENT WITH APPROVED CHAIRS, SPACERS, OR TIES.
- A. DEFORMED BAR REINFORCEMENT: ASTM A-615-GR 60
 - B. WELDED DEFORMED BAR REINFORCEMENT: ASTM A706 GR 60 OR ASTM A615 GR 40
 - C. WELDED WIRE FABRIC: ASTM A-185 & ASTM A-2
 - D. DEFORMED BAR ANCHORS: ASTM A-496

3.6 GROUT FOR BEARING PLATE

SHALL BE MASTERFLOW 713 FOR STATIC LOADS AND EMBECO 636 FOR DYNAMIC LOADS. BOTH GROUTS SHALL BE MANUFACTURED BY MASTER BUILDERS. "APPROVED EQUAL" GROUTS MUST BE NON-BLEEDING, NON-GAS GENERATING, NON-EXPANSIVE GROUTS.

5.0 METALS

5.1 WELDING

- A. ALL WELDING SHALL BE IN ACCORDANCE WITH THE "STRUCTURAL WELDING CODE", AWS D1.1.
- B. ALL WELDING SHALL BE BY CERTIFIED WELDERS, USING E70 ELECTRODES.
- C. NO WELDING OF REINFORCING STEEL SHALL BE ALLOWED EXCEPT WHERE SHOWN. ALL WELDING OF REINFORCEMENT SHALL BE PER AWS D12.1.

5.2 STRUCTURAL STEEL

- A. ALL DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE AISC, "MANUAL OF STEEL CONSTRUCTION", LATEST EDITION.
- B. STEEL PIPES SHALL BE OF SIZE AS SHOWN AND PER ASTM A-53, TYPE S, GRADE B ($F_y = 35$ KSI).
- D. TUBE COLUMNS SHALL BE OF SIZE AS SHOWN AND PER ASTM A-500, GRADE B ($F_y = 46$ KSI).
- E. BOLTS SHALL BE ASTM A-307 OR ASTM F1554 GR. 36.
- G. METAL PROTECTION: ALL STEEL EXPOSED TO WEATHER, MOISTURE, SOIL, OR AS NOTED SHALL BE GALVANIZED PER ASTM A-123 WITH 1.25 OZ. OF ZINC SPELTER PER SQUARE FOOT OF SURFACE AREA. ALL OTHER STEEL SURFACES TO BE SHOP PAINTED AFTER FABRICATION.

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No.	DATE	BY	CHD	REVISION
1	8/17/2020			BID ADDENDUM



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DESIGNED BY: RJN	ISSUE DATE: 8/4/2020
DRAWN BY: MH	JOB NO.: R309309.03
CHECKED BY: JTM	DRAWING FILE NO.: DETAILS.DWG

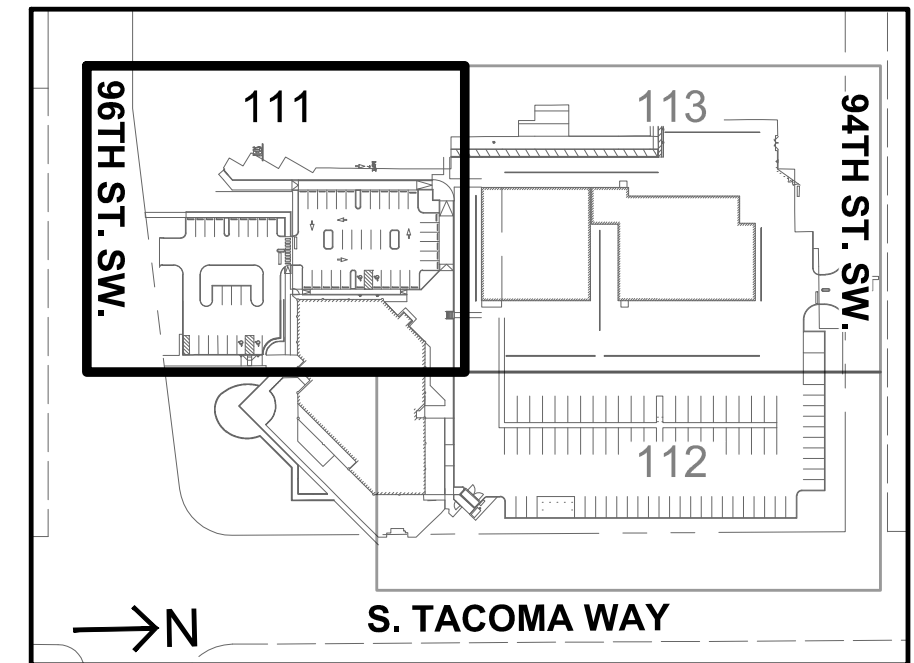
PIERCE TRANSIT MAINTENANCE BASE
 BUILDING 4 PARKING AND FUEL AND WASH

DRAWING No.: **CP-706**
 SHEET No.: 35 OF 70

STRUCTURAL NOTES

ELECTRICAL AND CONDUCTOR SCHEDULE

#	CONDUIT SIZE	CONDUIT LENGTH	UNGROUND CONDUCTORS	GROUND	NOTES
1	EX	50 LF	(6) #8 AWG	#8 AWG	LIGHTING
2	1"	70 LF	(6) #8 AWG	#8 AWG	LIGHTING
3	1"	80 LF	(2) #8 AWG	#8 AWG	LIGHTING
4	1"	50 LF	(2) #8 AWG	#8 AWG	LIGHTING
5	1"	70 LF	(6) #8 AWG	#8 AWG	LIGHTING
6	1"	40 LF	(2) #8 AWG	#8 AWG	LIGHTING
7	1"	30 LF	(2) #8 AWG	#8 AWG	LIGHTING
8	1"	40 LF	(2) #8 AWG	#8 AWG	LIGHTING
9	1"	40 LF	(2) #8 AWG	#8 AWG	LIGHTING
10	1"	60 LF	(2) #8 AWG	#8 AWG	LIGHTING
11	1"	70 LF	(6) #8 AWG	#8 AWG	LIGHTING
12	1"	110 LF	(2) #8 AWG, (2) #10 AWG	#8 AWG	LIGHTING



LEGEND

- E ELECTRICAL CONDUITS
- CU COMMUNICATIONS CONDUITS SEE NOTE 6
- G NATURAL GAS LINE
- Light Pole Symbol LIGHT POLE
- Pullbox Symbol PULLBOX
- Conduit Run Designation Symbol ELECTRICAL CONDUIT RUN DESIGNATION, SEE TABLE FOR MORE INFO
- Luminaire Symbol LUMINAIRE, SEE TABLE FOR MORE INFO
- Natural Gas Meter Symbol NATURAL GAS METER

NOTE:
SITE POWER, LIGHTING, COMMUNICATION, FUEL, AND GAS SHOWN FOR SCHEMATIC DESIGN PURPOSES ONLY.

NOTES:

- SEE DWG GI-002 FOR LEGENDS, GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- SEE DWG GI-004 FOR COL STANDARD NOTES.
- EACH LIGHTING CIRCUIT IS TO BE PROVIDED WITH TWO HOT + GROUND. ALL WIRE SHALL BE THHW CU OR EQUIVALENT.
- PROVIDE IN-LINE FUSES AT EACH LIGHT POLE BASE, (MERSEN FEB-21-21 OR EQUIVALENT).
- INSTALL NEW POLE BASES AT NEW LIGHT POLE LOCATIONS.
- COMMUNICATIONS LINES SHOWN SHALL BE 2-2" EMPTY CONDUITS AND COMMUNICATION PULLBOXES SHALL BE 4'X4' UNLESS OTHERWISE SPECIFIED. ROUTE COMMUNICATION CONDUITS TO AND THROUGH ALL LIGHT POLE FOUNDATIONS.
- PROVIDE ADDITIONAL 2" COMMUNICATIONS CONDUIT FROM EACH AUTOMATIC GATE TO PROPOSED BUILDING 4 COMMUNICATIONS PULLBOX ON UE-111. CONDUIT TO FOLLOW ROUTING FOR PROPOSED EMPTY 2-2" CONDUITS AND CONNECT TO PROPOSED COMMUNICATION PULLBOXES ALONG ROUTE.
- GAS SERVICE CONDUIT DEPTH SHALL BE 24" TO 36". TRENCH WIDTH SHALL BE MIN 12" WIDE AND CONFORM TO PSE GUIDELINES. END CONDUIT APPROXIMATELY 4 LF FROM METER LOCATION AND CONNECTION TO EXISTING GAS MAIN IN 94TH ST. SW. COORDINATE TIMING OF 4' X 4' WORK PIT IN 94TH ST. SW. ROW WITH PSE.

ELECTRICAL AND CONDUCTOR SCHEDULE

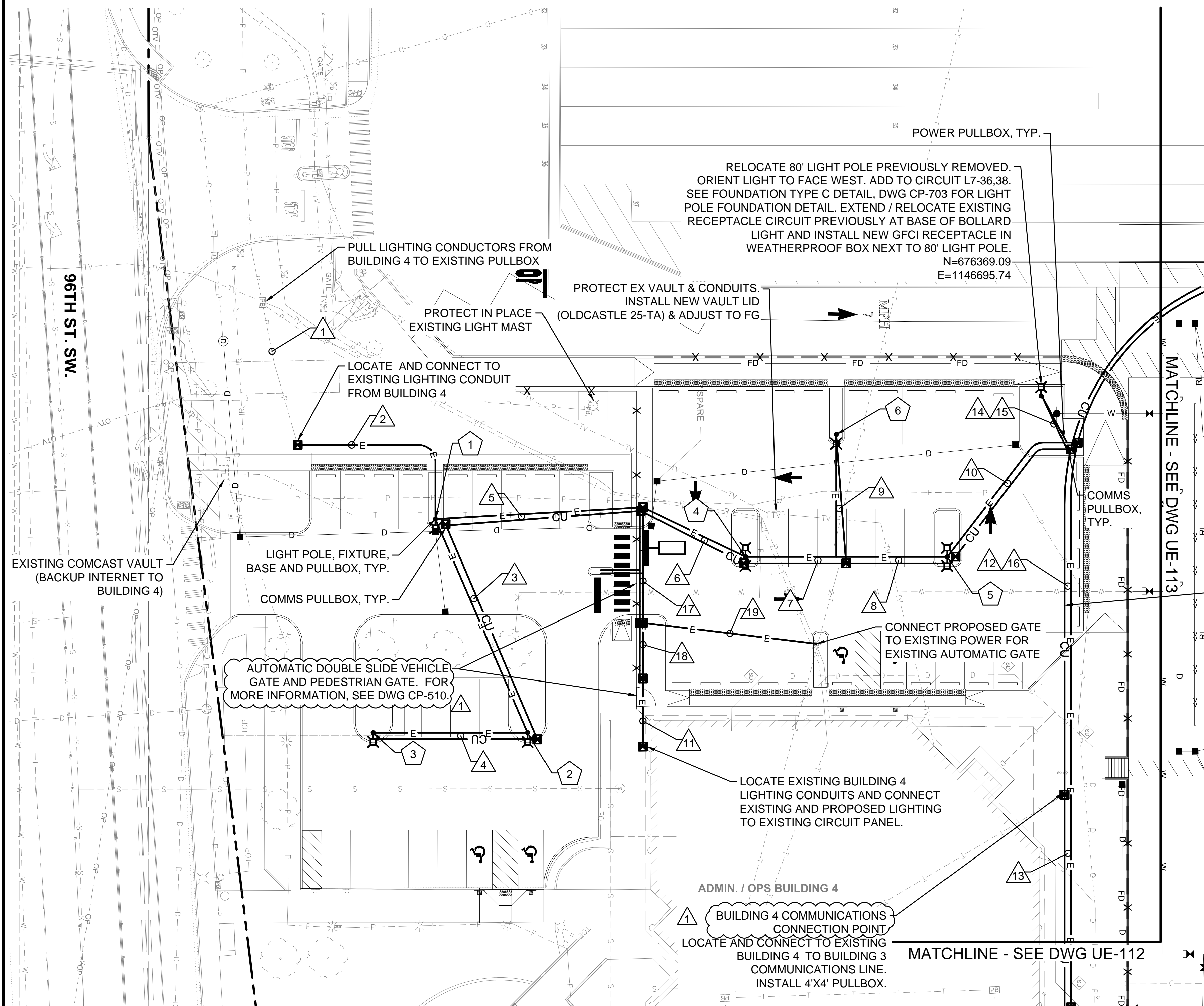
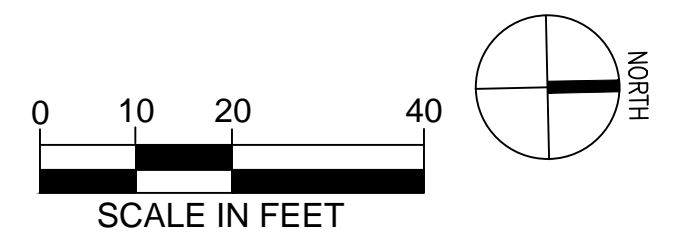
#	CONDUIT SIZE	CONDUIT LENGTH	PHASE/NEUTRAL CONDUCTORS	GROUND	NOTES
13	1"	70 LF	(2) #8, (2) #10	#8	LIGHTING
14	1"	20 LF	(2) #10	#10	LIGHTING
15	1"	20 LF	(2) #10	#10	OUTDOOR RECEPTACLES
16	1"	110 LF	(2) #10	#10	OUTDOOR RECEPTACLES
17	1"	40 LF	(2) #10	#10	GATE OPERATOR
18	1"	20 LF	(2) #10	#10	GATE OPERATOR
19	1"	60 LF	(2) #10	#10	GATE OPERATOR

BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

HORIZONTAL DATUM:
WASHINGTON STATE PLANE SOUTH COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983, ADJUSTED IN 1991(NAD 83/91).

VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988(NAVD 88).

THE LOCATIONS OF THE EXISTING SURFACE UTILITIES & TOPOGRAPHIC FEATURES WERE COMPILED FROM FIELD SURVEY PERFORMED BY HZ DATED 3/18/19. AVAILABLE RECORD DOCUMENTS PROVIDED BY PIERCE TRANSIT AND SITE VERIFICATION. UTILITIES SHOWN ARE BASED UPON SURFACE FEATURES & UNDERGROUND UTILITY PAINT MARKS (BY OTHERS). NO POT-HOLING WAS PERFORMED. HZ MAKES NO WARRANTY AS TO THE ACCURACY OF THE UNDERGROUND UTILITY LOCATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN AREAS TO BE IMPACTED BY CONSTRUCTION ACTIVITIES.



LUMINAIRE SCHEDULE

X	NORTHING	EASTING	FIXTURE TYPE	WATTS	HEIGHT	NOTES	FOUNDATION DETAIL
1	676180.07	1146729.94	LITHONIA RSX1-P3-30K-R4-HVOLT-SPA	109	25'	FIXTURE QTY. 1, ADD TO CKT L7-31,33	TYPE B, DWG CP-703
2	676207.35	1146797.02	LITHONIA RSX1-P3-30K-R4-HVOLT-SPA	109	25'	FIXTURE QTY. 1, ADD TO CKT L7-31,33	TYPE B, DWG CP-703
3	676159.36	1146796.00	LITHONIA RSX1-P3-30K-R4-HVOLT-SPA	109	25'	FIXTURE QTY. 1, ADD TO CKT L7-31,33	TYPE B, DWG CP-703
4	676276.14	1146743.78	LITHONIA RSX1-P3-30K-R4-HVOLT-SPA	219	25'	FIXTURE QTY. 2, ADD TO CKT L7-35,37	TYPE B, DWG CP-703
5	676338.81	1146745.11	LITHONIA RSX1-P3-30K-R4-HVOLT-SPA	219	25'	FIXTURE QTY. 2, ADD TO CKT L7-35,37	TYPE B, DWG CP-703
6	676305.10	1146706.38	LITHONIA RSX1-P3-30K-R4-HVOLT-SPA	109	25'	FIXTURE QTY. 1, ADD TO CKT L7-35,37	TYPE B, DWG CP-703

**NORTHING & EASTING ARE TO CENTER OF LIGHT POLE

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES AND SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE: **811** A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION

CONTRACTOR'S NOTES:
CONTRACTOR SHALL RECORD ANY FIELD DEVIATION FROM ENGINEERING PLAN. THESE RECORDS SHALL BE KEPT ON CONSTRUCTION DRAWINGS AND TURNED OVER TO ENGINEER UPON COMPLETION OF PROJECT.

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No.	DATE	BY	CHD	REVISION
1	8/17/2020			BID ADDENDUM



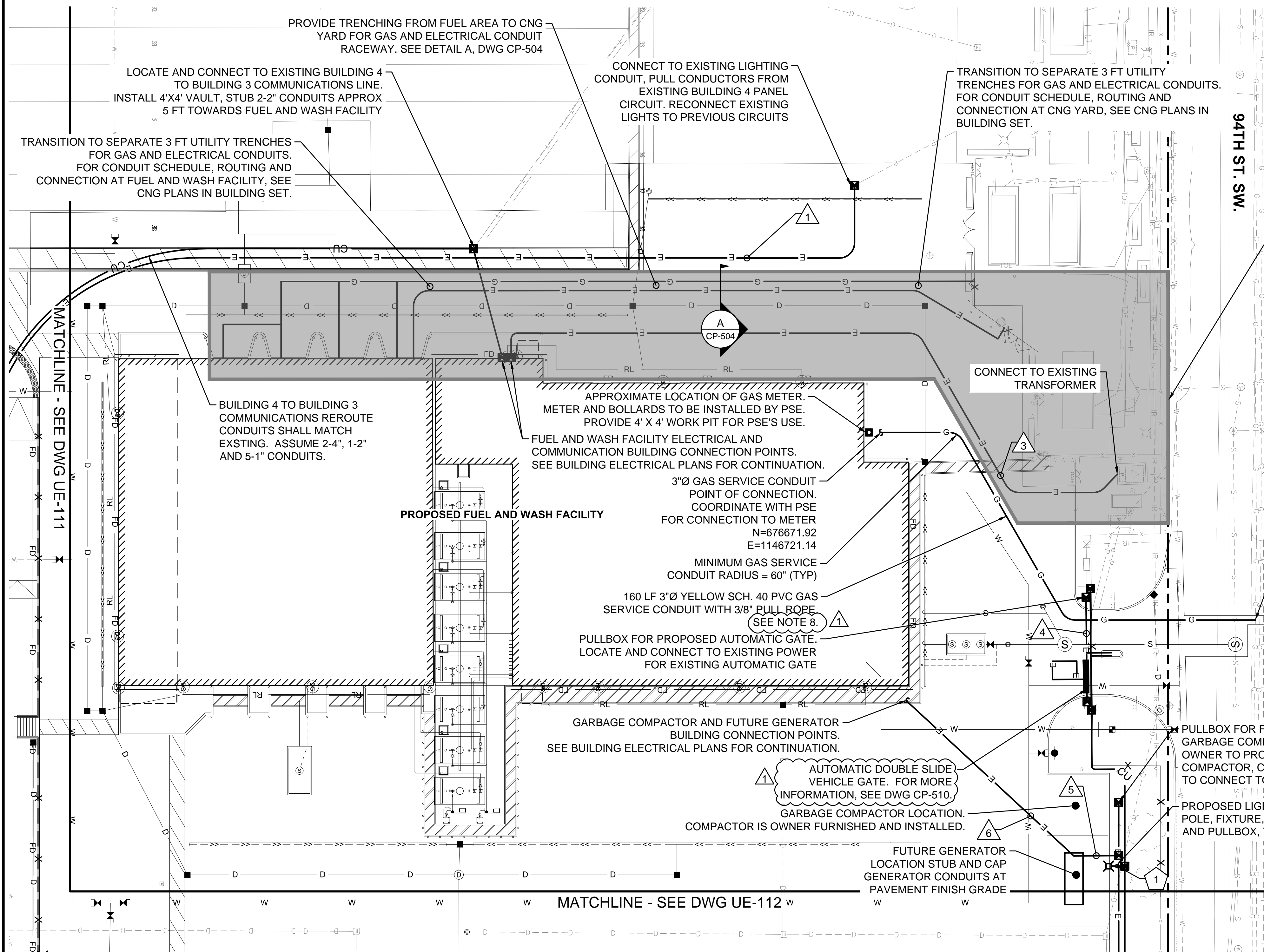
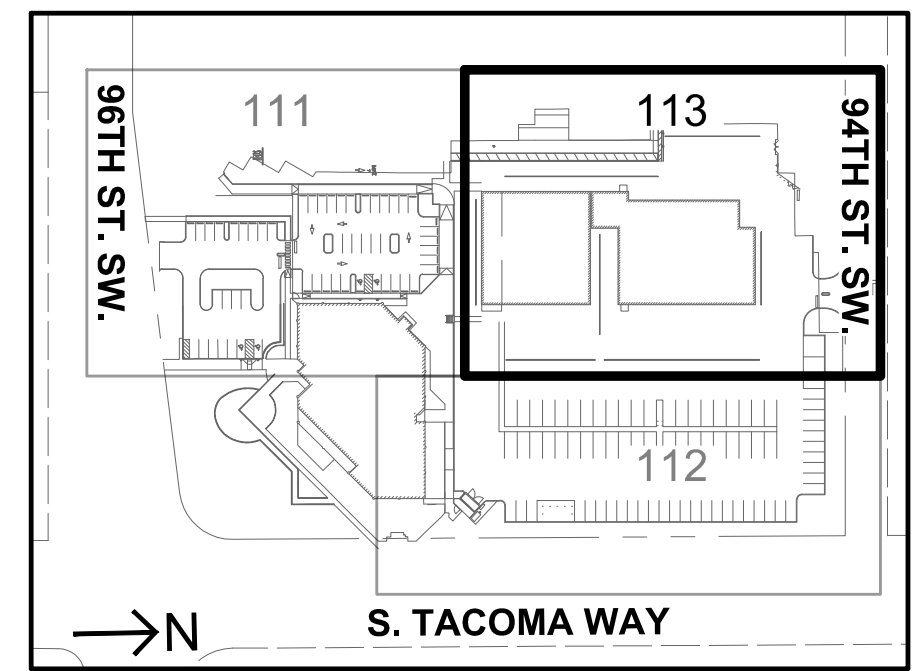
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DESIGNED BY: S. PARMA	ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: J. ROBERTS	DRAWING FILE NO.: SR309309-03B-UE-111.DWG

PIERCE TRANSIT MAINTENANCE BASE
BUILDING 4 PARKING AND FUEL AND WASH
SITE POWER, LIGHTING, COMMUNICATIONS & GAS PLAN

DRAWING No.:	UE-111
SHEET No.:	61 OF 70



SITE ELECTRICAL AND COMMUNICATIONS ITEMS WITHIN SHADED AREA ARE NOT IN CONTRACT (NIC) AND ARE SHOWN FOR REFERENCE, INCLUDING:

- FUEL AND WASH FACILITY ELECTRICAL CONNECTION & CONDUITS (ELECTRICAL CONDUIT RUN #3)
- FUEL AND WASH FACILITY COMMUNICATIONS CONNECTION & CONDUITS
- CNG YARD GAS AND ELECTRICAL CONDUITS

LEGEND

—E—	ELECTRICAL CONDUITS
—CU—	COMMUNICATIONS CONDUITS SEE NOTE 6
—G—	NATURAL GAS LINE
⊕	LIGHT POLE
⊞	PULLBOX
#	ELECTRICAL CONDUIT RUN DESIGNATION, SEE TABLE FOR MORE INFO
X	LUMINAIRE, SEE TABLE FOR MORE INFO
⊞	NATURAL GAS METER

- NOTES:**
- SEE DWG GI-002 FOR LEGENDS, GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
 - SEE DWG GI-004 FOR COL STANDARD NOTES.
 - EACH LIGHTING CIRCUIT IS TO BE PROVIDED WITH TWO HOT + GROUND. ALL WIRE SHALL BE THHW CU OR EQUIVALENT.
 - PROVIDE IN-LINE FUSES AT EACH LIGHT POLE BASE, (MERSEN FEB-21-21 OR EQUIVALENT).
 - INSTALL NEW POLE BASES AT NEW LIGHT POLE LOCATIONS.
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 - PROVIDE ADDITIONAL 2" COMMUNICATIONS CONDUIT FROM EACH AUTOMATIC GATE TO PROPOSED BUILDING 4 COMMUNICATIONS PULLBOX ON UE-111. CONDUIT TO FOLLOW ROUTING FOR PROPOSED EMPTY 2-2" CONDUITS AND CONNECT TO PROPOSED COMMUNICATION PULLBOXES ALONG ROUTE.
 - GAS SERVICE CONDUIT DEPTH SHALL BE 24" TO 36". TRENCH WIDTH SHALL BE MIN 12" WIDE AND CONFORM TO PSE GUIDELINES. END CONDUIT APPROXIMATELY 4 LF FROM METER LOCATION AND CONNECTION TO EXISTING GAS MAIN IN 94TH ST. SW. COORDINATE TIMING OF 4' X 4' WORK PIT IN 94TH ST. SW. ROW WITH PSE.
 - CONNECT TO EX GAS MAIN (BY PSE). CONTRACTOR TO PROVIDE 4' X 4' WORK PIT. (SEE NOTE 9.)

ELECTRICAL AND CONDUCTOR SCHEDULE

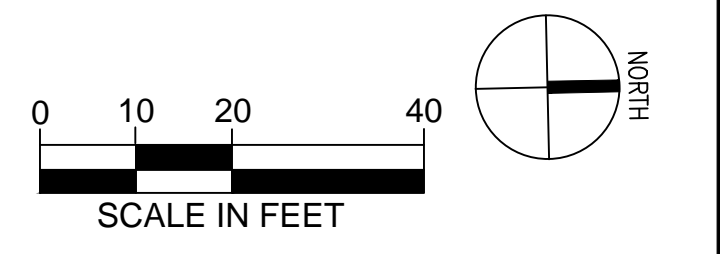
#	CONDUIT SIZE	CONDUIT LENGTH	PHASE/NEUTRAL CONDUCTORS	GROUND	NOTES
1	1"	505 LF	(2) #8, (2) #10	#8	LIGHTING
2			NOT USED		
3	(4) 4"	230 LF	SEE BUILDING ELECTRICAL PLANS		FUEL AND WASH FACILITY
4	1"	20 LF	(2) #10	#10	GATE OPERATORS
5	1"	115 LF	SEE BUILDING ELECTRICAL PLANS		TRASH COMPACTOR
6	(1) 3" (2) 1" (1) 2"	80 LF	SEE BUILDING ELECTRICAL PLANS		FUTURE GENERATOR

BASIS OF BEARING:
NORTH 01°23'47" EAST ALONG THE CENTERLINE OF SOUTH TACOMA WAY BETWEEN THE FOUND MONUMENTS AT THE INTERSECTION OF SOUTH TACOMA WAY AND 96TH ST. SW. AND SOUTH TACOMA WAY AND 100TH ST. SW. ALSO BEING CONTROL POINTS NUMBER 1 AND 2.

HORIZONTAL DATUM:
WASHINGTON STATE PLANE SOUTH COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983, ADJUSTED IN 1991 (NAD 83/91).

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THE LOCATIONS OF THE EXISTING SURFACE UTILITIES & TOPOGRAPHIC FEATURES WERE COMPILED FROM FIELD SURVEY PERFORMED BY HZ DATED 3/18/19. AVAILABLE RECORD DOCUMENTS PROVIDED BY PIERCE TRANSIT AND SITE VERIFICATION. UTILITIES SHOWN ARE BASED UPON SURFACE FEATURES & UNDERGROUND UTILITY PAINT MARKS (BY OTHERS). NO POT-HOLING WAS PERFORMED. HZ MAKES NO WARRANTY AS TO THE ACCURACY OF THE UNDERGROUND UTILITY LOCATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN AREAS TO BE IMPACTED BY CONSTRUCTION ACTIVITIES.



THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES AND SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE: **811** A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION

CONTRACTOR'S NOTES:
CONTRACTOR SHALL RECORD ANY FIELD DEVIATION FROM ENGINEERING PLAN. THESE RECORDS SHALL BE KEPT ON CONSTRUCTION DRAWINGS AND TURNED OVER TO ENGINEER UPON COMPLETION OF PROJECT.

LUMINAIRE SCHEDULE

X	NORTHING	EASTING	FIXTURE TYPE	WATTS	HEIGHT	NOTES	FOUNDATION DETAIL
1	676746.41	1146865.14	LITHONIA RSX3-LED-P3-40K-R4-HVOLT-SPA	267	45'	FIXTURE QTY. 1, ADD TO CKT L7-32,34	TYPE B, DWG CP-703

**NORTHING & EASTING ARE TO CENTER OF LIGHT POLE

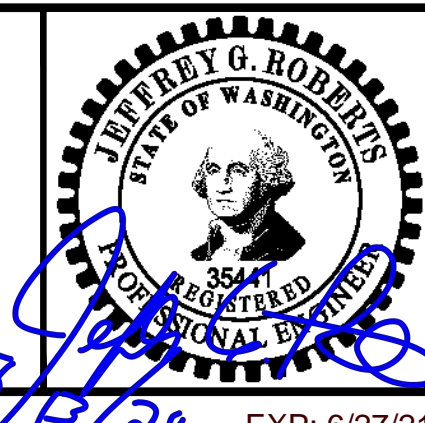
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No.	DATE	BY	CHD	REVISION
1	8/17/2020			BID ADDENDUM



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DESIGNED BY: S. PARMA	ISSUE DATE: 8/4/2020
DRAWN BY: G. WHITLOCK	JOB NO.: R309309.03
CHECKED BY: J. ROBERTS	DRAWING FILE NO.: SR309309-03B-UE-113.DWG

PIERCE TRANSIT MAINTENANCE BASE BUILDING 4 PARKING AND FUEL AND WASH		DRAWING No.: UE-113
SITE POWER, LIGHTING, COMMUNICATIONS & GAS PLAN		SHEET No.: 63 OF 70

Project Name: Maintenance and Operations Base Improvements
Project No.: PT-04-18 (HZ R309309.00)
Date: August 14, 2020
Subject: Building 4 Parking and Fuel and Wash Addendum #1 Design Revisions

This memorandum serves to provide an overview of design revisions included Addendum #1 dated 8/14/2020. The revisions listed below were implemented and clouded in the Issued for Bid Set dated 7/28/2020. Unless otherwise noted below, drawings with revisions are issued in full attached to this addendum.

#	DWG/Spec	Description	Comment
Specifications			
1	32 13 13	Revise Section 2.3.C. "Concrete joints shall be sealed with Hot Joint Sealant unless otherwise specified."	Specification Section not reissued.
General			
1	GI-001	Revise CD-113 drawing title. "EROSION CONTROL, DEMOLITION & TEMPORARY GATE PLAN"	
Demolition			
1	CD-113	Revise drawing title. "EROSION CONTROL, DEMOLITION & TEMPORARY GATE PLAN"	
2	CD-113	Revise and add Temporary Automatic Gate Notes.	
3	CD-114 & CD-115	Add "Construction Entrance Note".	
4	CD-115	Add "TRUCKS ENTERING AND LEAVING ROADWAY" signs.	
Paving			
1	CP-111	Clarify handrails on both sides of ramps.	
2	CP-400	Revise curbs at 94 th St. SW entrance from dowelled curb to traffic barrier curb.	
3	CP-400	Revise temporary automatic gate callout.	
4	CP-410	Revise entire sheet.	Joint plan shows locations for each type of joint. Joint plan shows location for welded wire mesh reinforcement.

#	DWG/Spec	Description	Comment
5	CP-501	Revise Light Duty Pavement Section B.	
6	CP-501	Add joint sealant details.	
7	CP-503	Add Detail 9 and add surface mount base plate note to Detail PS-05.	
8	CP-503	Revise bollards to be schedule 40 steel.	
9	CP-504	Add "TYPICAL FENCE NOTES".	
10	CP-504	Detail A – CNG TRENCH DETAIL is Not In Contract (NIC)	
11	CP-510	Clarify gate equipment and appurtenances.	
12	CP-700	Revise ramp handrails to be galvanized.	
13	CP-701	Add reinforcement at bottom of stairs.	
14	CP-701	Revise width of wall footing.	
15	CP-703	Revise light pole base details and note number of conduits in pole bases.	
16	CP-705	Revise entire sheet.	Revise concrete paving reinforcement details.
17	CP-706	Revise concrete strength for vertically formed walls.	
Electrical			
1	UE-111 & UE-113	Add note #7, re-number notes #8 and #9.	
2	UE-111	Add callout for Building 4 communications connection point.	
3	UE-111	Add gate reference callout.	
4	UE-113	Add gate reference callout.	