



CITY OF TACOMA
Public Work Engineering Division

ADDENDUM NO. 2

DATE: 2/8/2021

REVISIONS TO:

Request for Bids Specification No. PW20-0023F
Streets Initiative Package #22

NOTICE TO ALL BIDDERS:

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

REVISIONS TO THE SUBMITTAL DEADLINE:

The submittal deadline remains the same.

REVISIONS TO THE GENERAL INFORMATION:

Q. Could the City of Tacoma please clarify who is responsible for the survey for the project?

A. This project will be contractor provided survey, the City will issue a replacement for Special provision 1-05.4 to clarify that all survey is to be provided by the contractor.

Q. Item Number R1-Roadway Surveying, per Lump Sum indicates that the Contractor is to provide a LS price for surveying. However, 1-05.4(1), Pg. 19, of the Special Provisions states that the Engineer will furnish to the Contractor one time principle lines etc... Is item R1 then supposed to only pay for Field References or complete survey?

A. This project will be contractor provided survey, the City will issue a replacement for Special provision 1-05.4 to clarify that all survey is to be provided by the contractor.

Q. Section 8-13.5, Pg 98, of the specials states the Contractor is supposed to included all survey in the unit price for Poured Monuments. If the Engineer is going to provide staking for the rest of project, I would consider revising this payment item to reflect the Engineer also providing offsets and DNR paperwork for the monuments as well. Hiring a survey company to provide staking for 5 monuments only for the project will be unnecessarily costly.

A. This project will be contractor provided survey, the City will issue a replacement for Special provision 1-05.4 to clarify that all survey is to be provided by the contractor. Please see attached 1-05.4 labeled Addendum #2.

Q. Bid item No. R30 is for 8 each Manhole 48 in. diam. Type 1, Bid item No. R31 is for 2 each Manhole 48 in. diam. Type 3. Yet on the plans all 10 Manhole 48 in. diam. Are called out as type 1 in the profile. In the construction notes you don't even have a call out for a Type 3 manhole.

A. The two type 3 manholes are labeled in the profile view. One on sheet C-10, the other is on sheet C-7 for which the City will issue a new plan sheet

Q. Also your Catch basin Type 1 amount may be off. I can only find 25 each not 26.

A. The City still finds 26 type 1 catch basins shown on the plans

Q. The two CB Type 1 on sheet C-5 in the intersection, & the two CB Type 1 on sheet C-7 also in the intersection, & the two CB Type 1 on sheet C-10 in the intersection are not labeled vaned grate or combination inlet like the rest of them are. And since there is a large price difference between the two different castings can you please clarify which types these are please.

A. The City will issue new plan sheets to address this issue.

REVISIONS TO THE PLANS:

Revision #1

Replace plan sheet C-5 in its entirety and replace with the following attached labeled Addendum #2.

Revision #2

Replace plan sheet C-6 in its entirety and replace with the following attached labeled Addendum #2.

Revision #3

Replace plan sheet C-7 in its entirety and replace with the following attached labeled Addendum #2.

Revision #4

Replace plan sheet C-10 in its entirety and replace with the following attached labeled Addendum #2.

Revision #5

Replace plan sheet C-13 in its entirety and replace with the following attached labeled Addendum #2.

REVISIONS TO THE SUBMITTAL PACKAGE:

Replace Table of Content page with the following Table of Content labeled Addendum #2

Add Subcontractor List to the submittal package labeled Addendum#2.

NOTE: Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the signature page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for

acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. PW20-0023F Addendum No. 2. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: Darius Thompson, Public Works Engineering

Addendum #2

1-05.4 Conformity With and Deviations from Plans and Stakes

(*****)

This section is supplemented with the following:

All surveying for this project shall be the responsibility of the Contractor.

Add the following two new sub-sections:

(April 1, 2013, WSDOT GSP)

Contractor Surveying – Roadway

Copies of the Contracting Agency provided primary survey control data are available for the bidder's inspection at the office of the Project Engineer.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of the roadbed, drainage, surfacing, paving, channelization and pavement marking, illumination and signals, guardrails and barriers, and signing. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments. All monuments noted on the plans "DO NOT DISTURB" shall be protected throughout the length of the project or be replaced at the Contractors expense.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.
2. Establish, the centerlines of all alignments, by placing hubs, stakes, or marks on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.
3. Establish clearing limits, placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a cut unless otherwise shown in the Plans.

Addendum #2

4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes. If Global Positioning Satellite (GPS) Machine Controls are used to provide grade control, then slope stakes may be omitted at the discretion of the Contractor.
5. Establish the horizontal and vertical location of all drainage features, placing offset stakes to all drainage structures and to pipes at a horizontal interval not greater than 25 feet.
6. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet. If GPS Machine Controls are used to provide grade control, then roadbed and surfacing stakes may be omitted at the discretion of the Contractor.
7. Establish intermediate elevation benchmarks as needed to check work throughout the project.
8. Provide references for paving pins at 25-foot intervals or provide simultaneous surveying to establish location and elevation of paving pins as they are being placed.
9. For all other types of construction included in this provision, (including but not limited to channelization and pavement marking, illumination and signals, guardrails and barriers, and signing) provide staking and layout as necessary to adequately locate, construct, and check the specific construction activity.
10. Contractor shall determine if changes are needed to the profiles or roadway sections shown in the Contract Plans in order to achieve proper smoothness and drainage where matching into existing features, such as a smooth transition from new pavement to existing pavement. The Contractor shall submit these changes to the Project Engineer for review and approval 10 days prior to the beginning of work.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with primary survey control information consisting of descriptions of two primary control points used for the horizontal and vertical control, and descriptions of two additional primary control points for every additional three miles of project length. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project. In addition, the Contracting Agency will supply horizontal coordinates for the beginning and ending points and for each Point of Intersection (PI) on each alignment included in the project.

The Contractor shall ensure a surveying accuracy within the following tolerances:

	<u>Vertical</u>	<u>Horizontal</u>
Slope stakes	□0.10 feet	□0.10 feet

Addendum #2

Subgrade grade stakes set
0.04 feet below grade

☐ 0.01 feet

☐ 0.5 feet
(parallel to alignment)
☐ 0.1 feet
(normal to alignment)

Stationing on roadway

N/A

☐ 0.1 feet

Alignment on roadway

N/A

☐ 0.04 feet

Surfacing grade stakes

☐ 0.01 feet

☐ 0.5 feet
(parallel to alignment)
☐ 0.1 feet
(normal to alignment)

Roadway paving pins for
surfacing or paving

☐ 0.01 feet

☐ 0.2 feet
(parallel to alignment)
☐ 0.1 feet (normal to alignment)

The Contracting Agency may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking by the Contractor.

When staking roadway alignment and stationing, the Contractor shall perform independent checks from different secondary control to ensure that the points staked are within the specified survey accuracy tolerances.

The Contractor shall calculate coordinates for the alignment. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the work. The Contracting Agency will require up to seven calendar days from the date the data is received.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

Stakes shall be marked in accordance with Standard Plan A10.10. When stakes are needed that are not described in the Plans, then those stakes shall be marked, at no additional cost to the Contracting Agency as ordered by the Engineer.

Payment

Payment will be made in accordance with Section 1-04.1 for the following bid item when included in the proposal:

"Roadway Surveying", per lump sum.

The lump sum contract price for "Roadway Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the Work specified, including any resurveying, correction of errors, replacement of missing or damaged stakes, and coordination efforts

BID SUBMITTAL PACKAGE

TABLE OF CONTENTS

REQUEST FOR BIDS

SPECIAL REMINDER TO ALL BIDDERS

SPECIAL NOTICE TO BIDDERS

FORMS TO BE RETURNED WITH BID SUBMITTAL:

- 1 Bid Proposal
- 2 Signature Sheet
- 3 Bid Bond
- 4 Certification of Compliance With Wage Payment Statutes
- 5 State Responsibility and Reciprocal Bid Preference Information
- 6 Subcontractor List
- 7 City of Tacoma – Equity in Contracting Goal Utilization Form
- 8 City of Tacoma – Equity In Contracting Utilization Form

SPECIAL NOTE

The Bid Proposal and Contract forms have been included in both the Specifications Book and the Bid Submittal Package. The forms in the Specifications Book are for informational purposes only and need not be completed or submitted with the Bid. All forms in the Bid Submittal Package must be completed and submitted with the bid.

Addendum#2

List of Subcontractor Categories of Work

Project Name _____

Subcontractor(s) that are proposed to perform the work of heating, ventilation and air conditioning, and/or plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW must be listed below. **This information must be submitted with the bid proposal or within one hour of the published bid submittal time via email to bids@cityoftacoma.org.**

Subcontractor(s) that are proposed to perform the work of structural steel installation and/or rebar installation must be listed below. **This information must be submitted with the bid proposal or within forty-eight hours of the published bid submittal time via email to bids@cityoftacoma.org.**

Failure to list subcontractors or naming more than one subcontractor to perform the same work will result in your bid being non-responsive. Contractors self-performing must list themselves below. The work to be performed is to be listed below the subcontractor(s) name. If no subcontractor is listed below, the bidder acknowledges that it does not intend to use any subcontractor to perform those items of work.

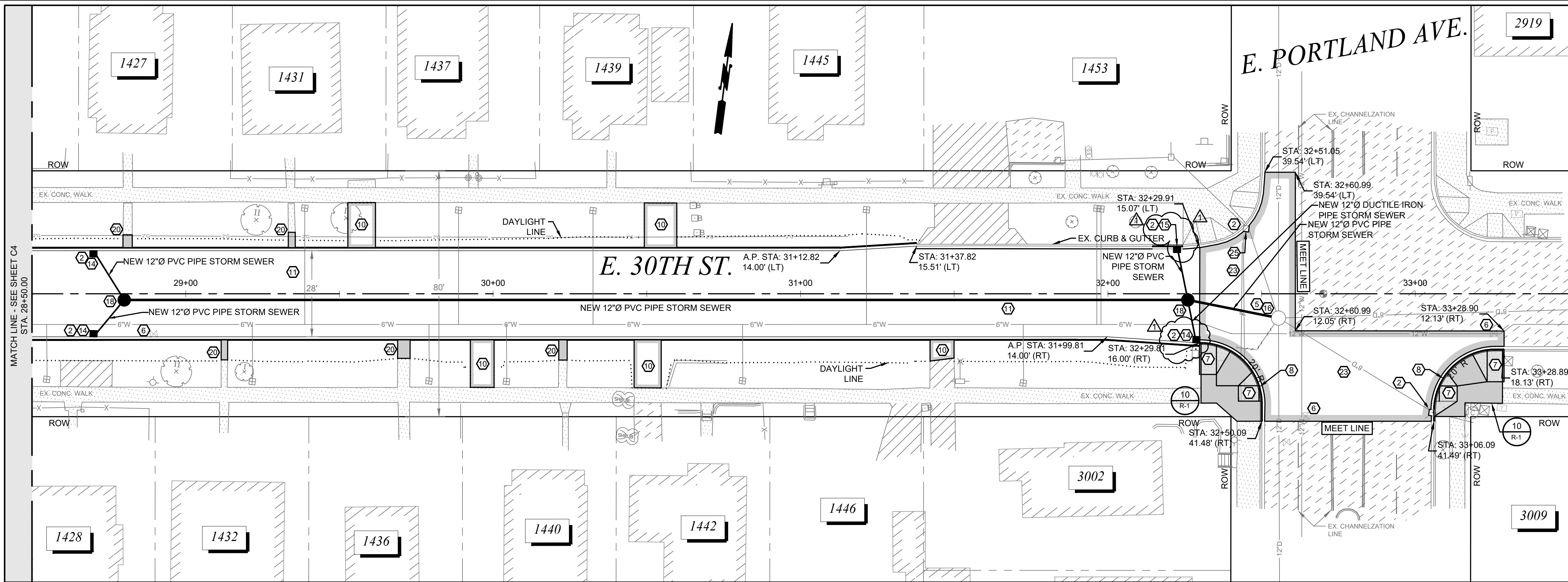
Subcontractor Name _____
Work to be Performed _____

Subcontractor Name _____
Work to be Performed _____

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Work to be Performed _____

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Work to be Performed _____

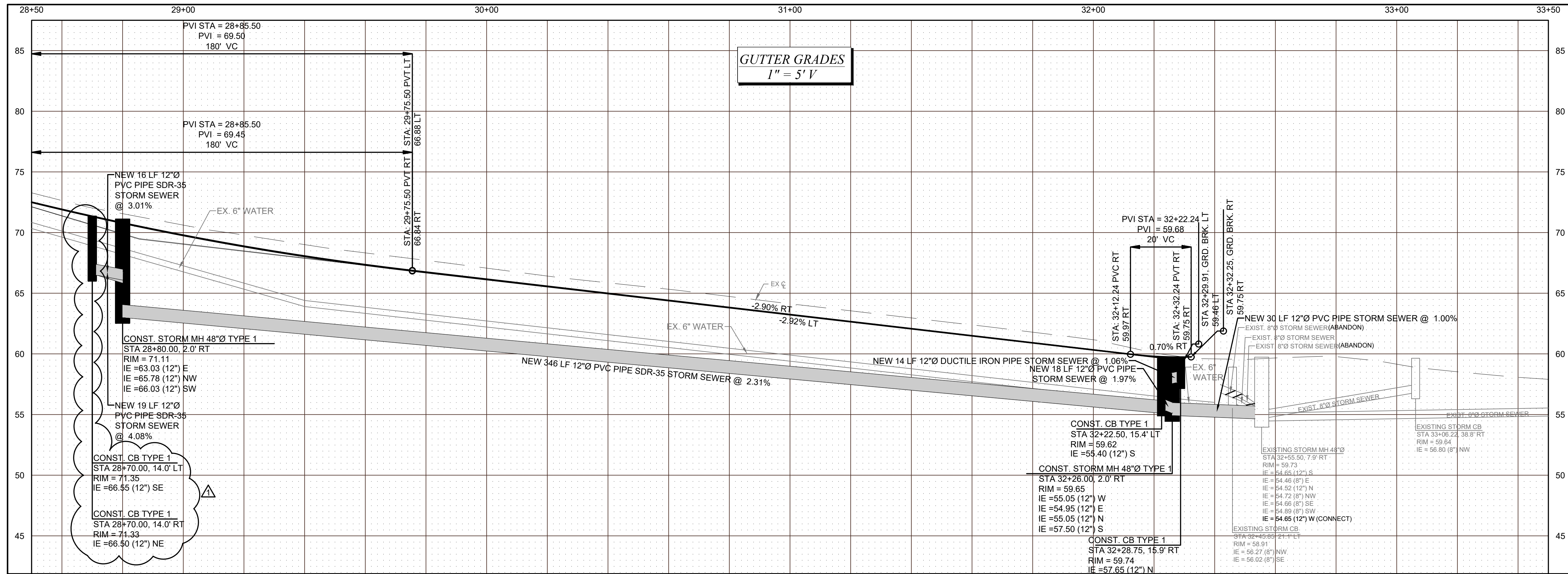
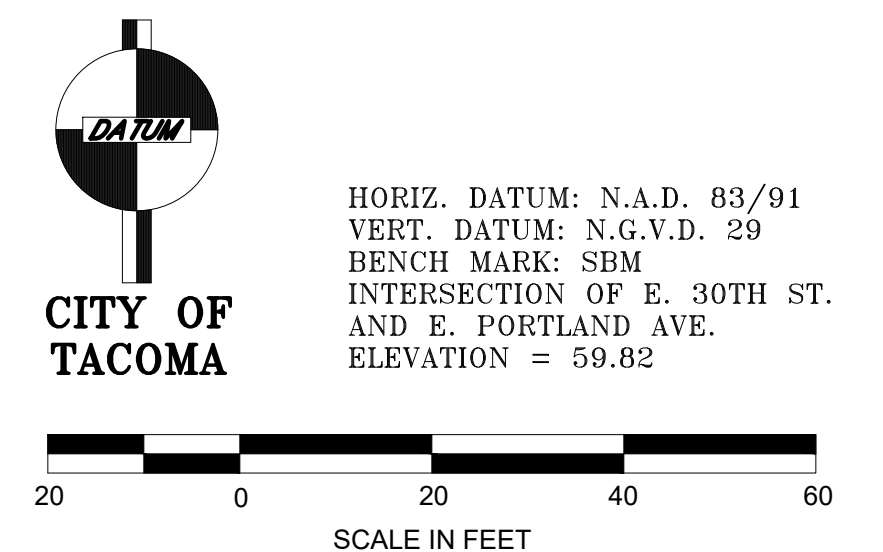


- CONSTRUCTION NOTES**
1. CONSTRUCT BRASS POURED MONUMENT PER CITY OF TACOMA STANDARD PLAN SU-01
 2. PROVIDE INLET PROTECTION TO PROPOSED CATCH BASIN PER SPECIFICATION 8-01 UNTIL END OF CONSTRUCTION ACTIVITIES
 3. TO BE ADJUSTED BY OTHERS
 4. TO BE RELOCATED BY OTHERS
 5. ADJUST TO GRADE PER SPECIFICATION 7-05
 6. ADJUST EXISTING VALVE PER CITY OF TACOMA STANDARD SU-37
 7. CONSTRUCT CEMENT CONCRETE CURB RAMP PER CITY OF TACOMA STANDARD PLAN SU-05 SERIES
 8. CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER CITY OF TACOMA STANDARD PLAN SU-03
 9. CONSTRUCT CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STANDARD PLAN SU-04
 10. GRADE FOR POSITIVE DRAINAGE AND PLACE 2 INCH HMA CL 1/2 INCH PG 58H-22 OVER 2 INCH CRUSHED SURFACING TOP COURSE
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UTILITY NOTE:


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CALL BEFORE YOU DIG

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CALL TWO BUSINESS DAYS BEFORE YOU DIG
(1-800-424-5555) OR VISIT ONLINE: www.callbeforeyoudig.org



NO

REVISION

Addendum #2

2/4/21

JDH

DATE

APPD

FINAL CONSTRUCTION CHECKED

DATE

DESIGNED

JDH

DRAWN

EJB

DRAWING NAME

E 30th N St-E Portland_CONS

SCALE


1" = 20'

CHECKED

DCS

PROJECT NAME

PROP3-PKG22



Chris Larson

ENGINEERING DIVISION MANAGER

CITY OF TACOMA

DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION PLAN

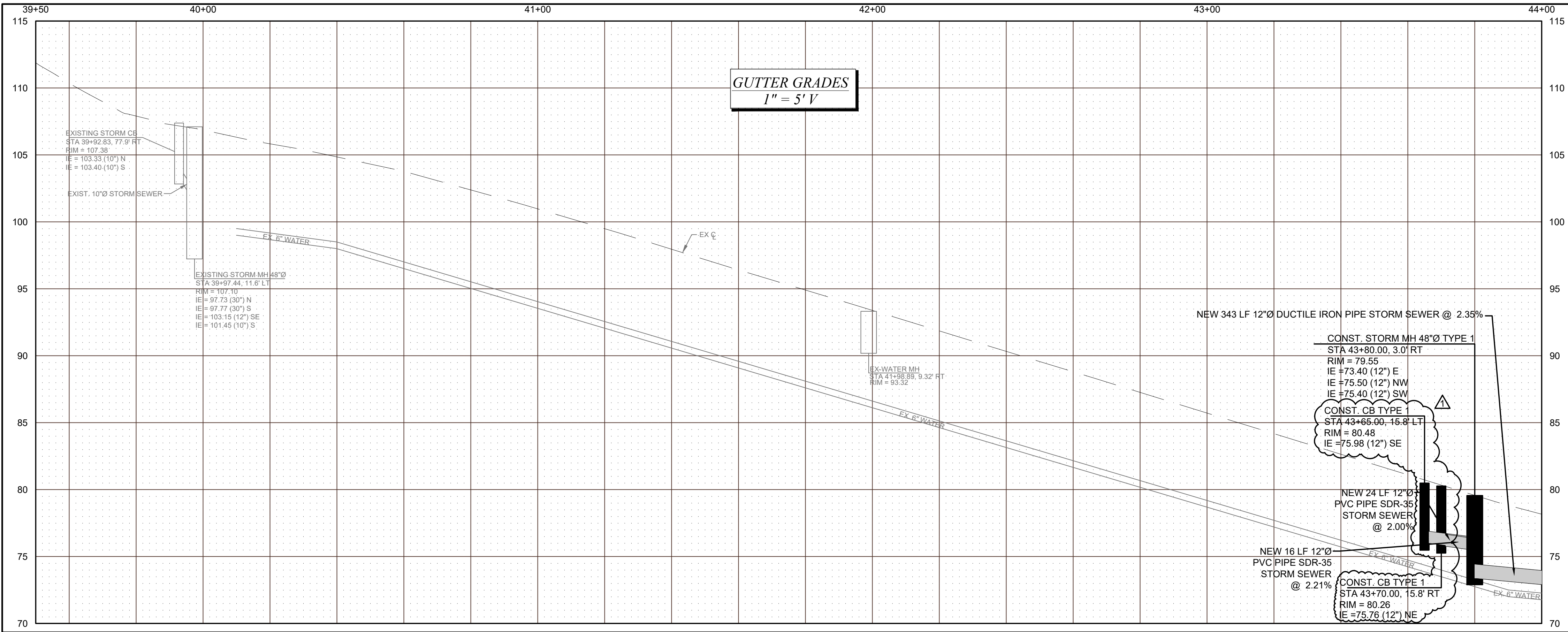
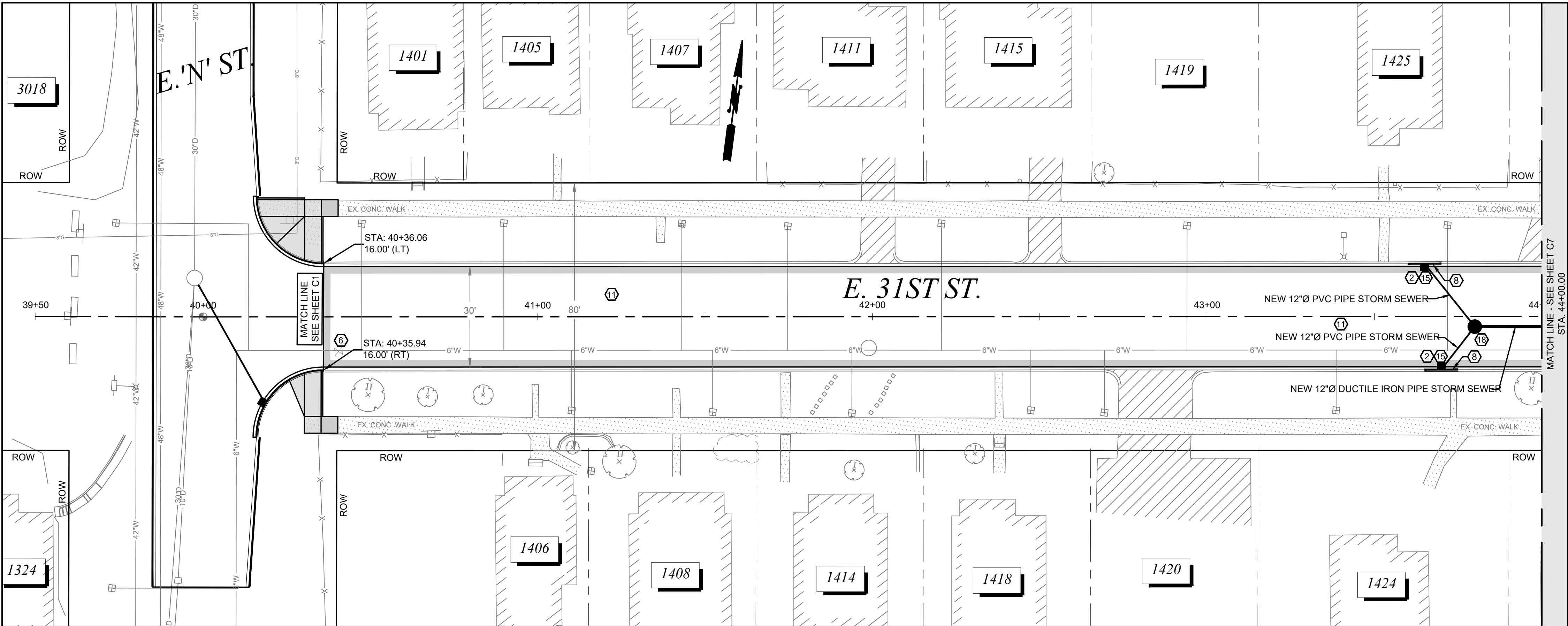
STREET INITIATIVE PKG 22

E 30TH ST FROM E 'N' ST TO E PORTLAND AVE

PWK-00434-22

SHEET NO.

SHEET C-5 OF C-18

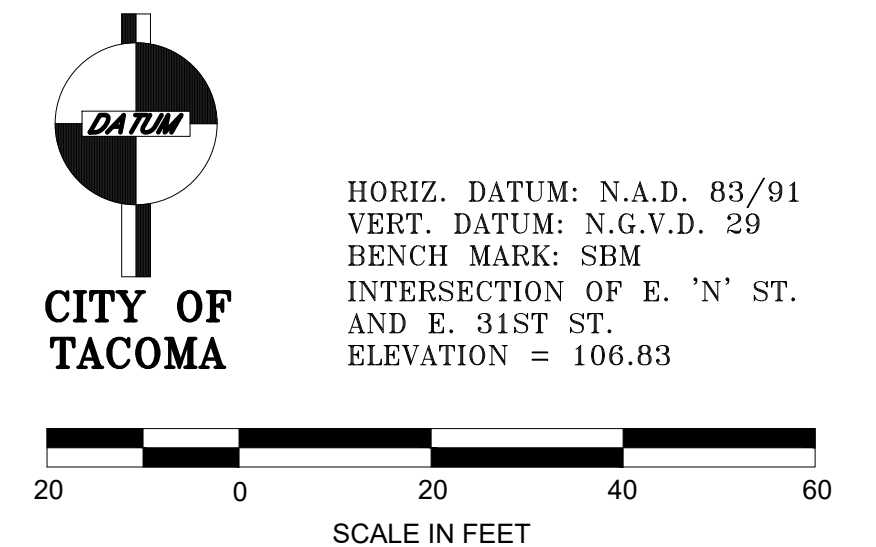


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Addendum #2	
NO	REVISION

2/4/21

JDH

FINAL CONSTRUCTION CHECKED		DATE	SCALE
		JAN. 2021	1" = 20'
DESIGNED	CHECKED	DATE	PROJECT NAME
JDH	DCS		PROP3-PKG22
DRAWN	PROJECT NAME	DRAWING NAME	
EJB	PROP3-PKG22	E 31st N St-Portland_CONST	
FIELD BOOKS			

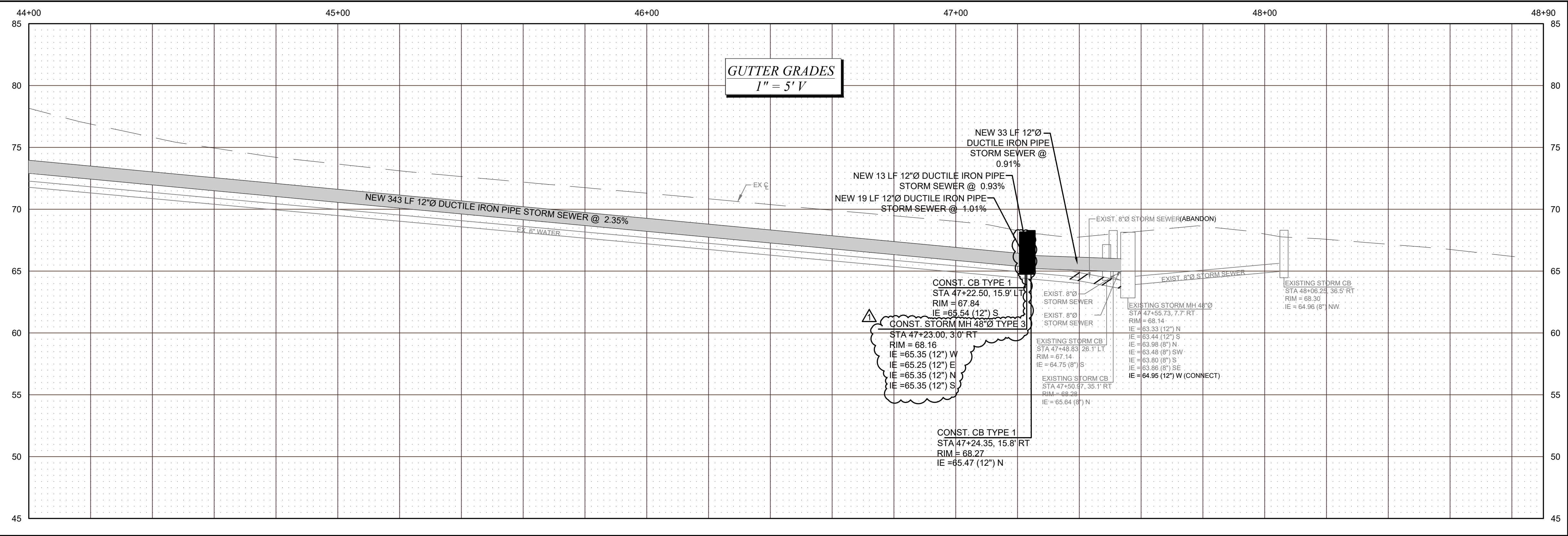
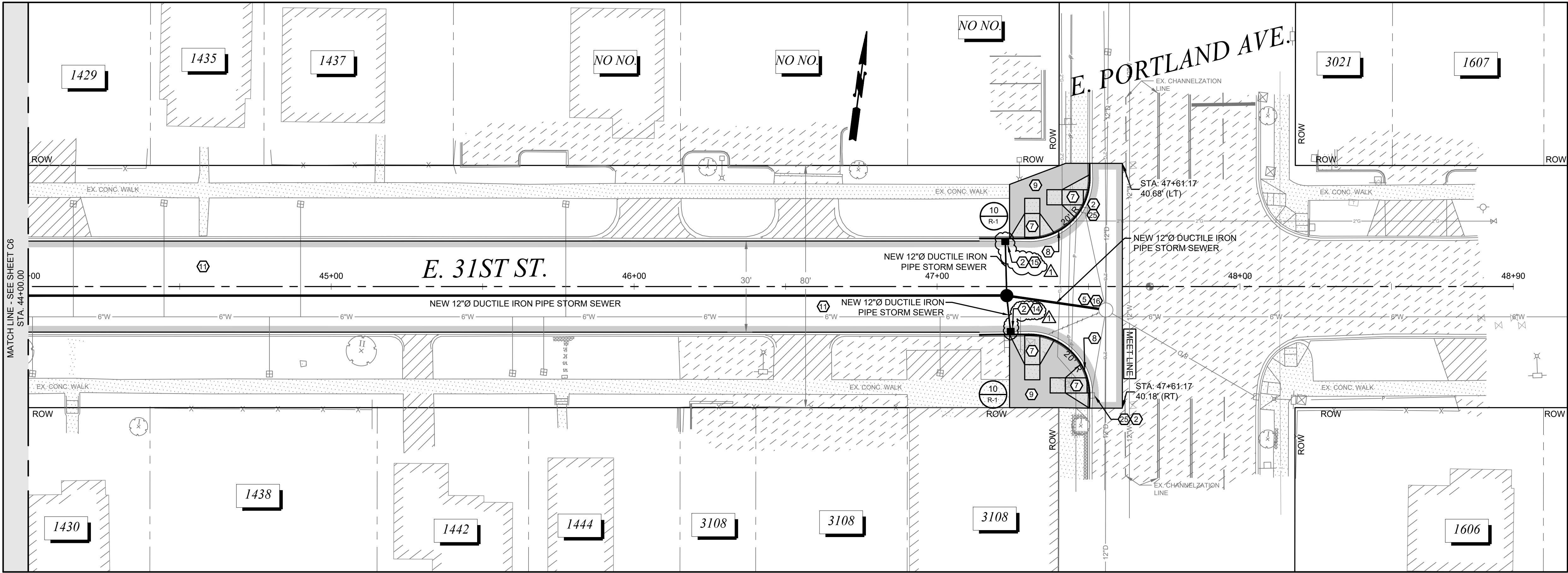


Chris Larson
ENGINEERING DIVISION MANAGER

CITY OF TACOMA
DEPARTMENT OF PUBLIC WORKS

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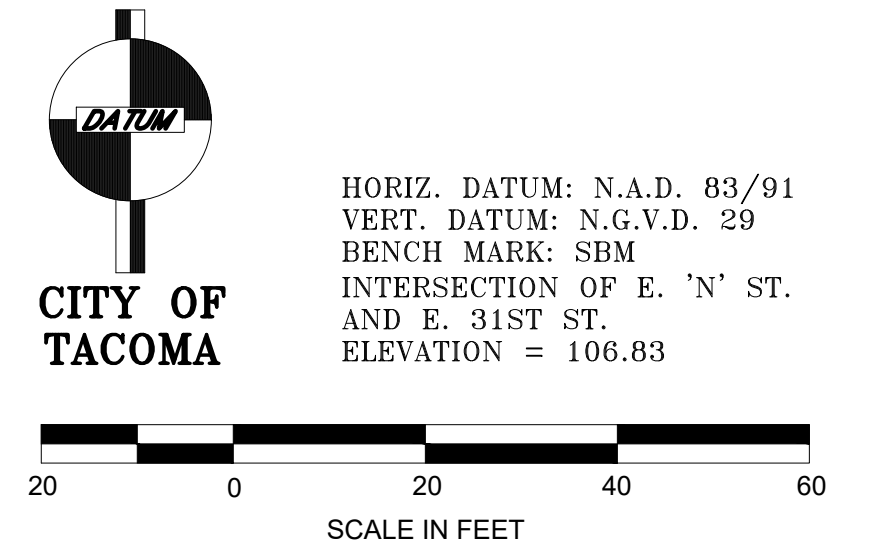


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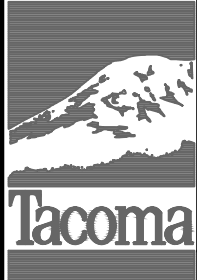
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2/4/21 JDH

FINAL CONSTRUCTION CHECKED

DATE JAN. 2021

DESIGNED JDH

CHECKED DCS

DRAWN EJB

PROJECT NAME PROP3-PKG22

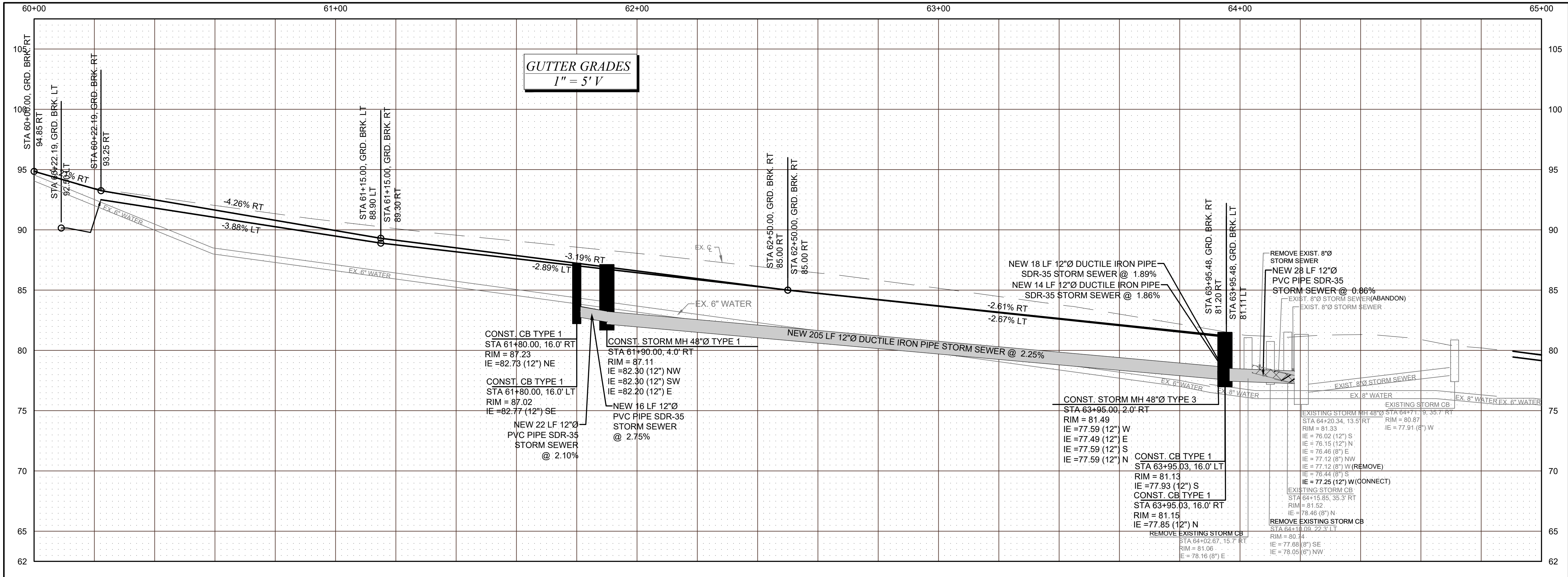
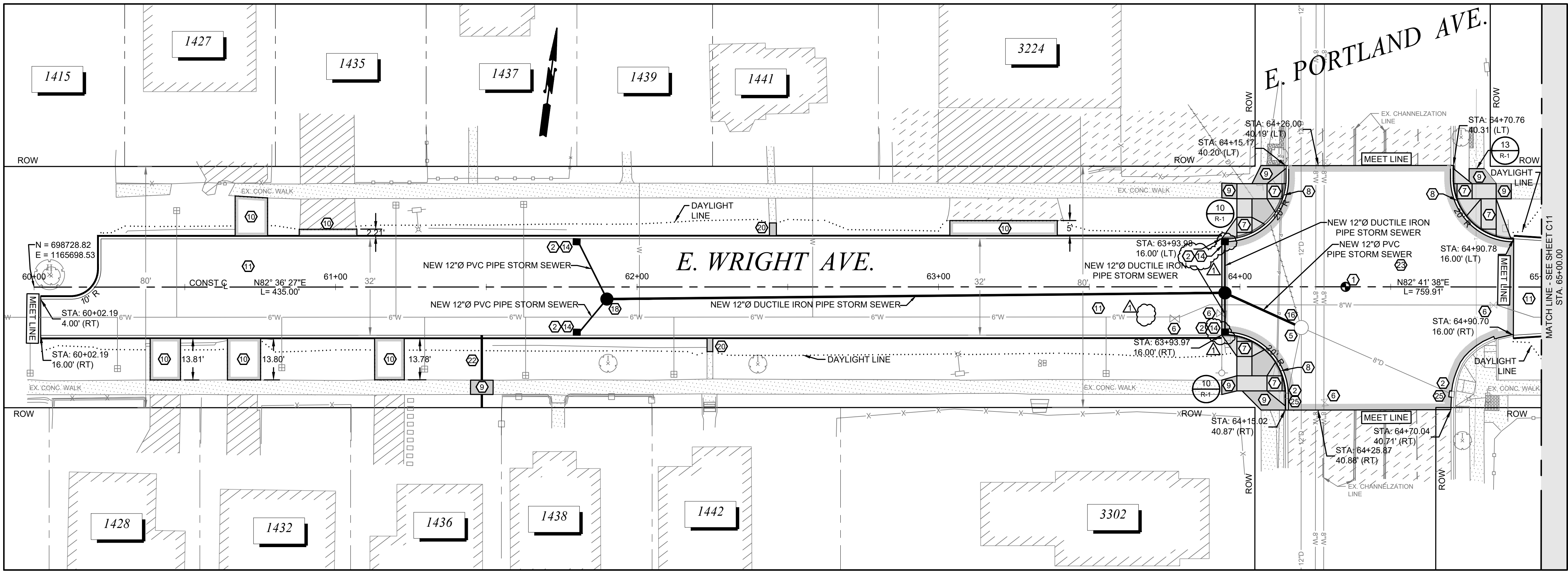
DRAWING NAME E 31st N St-Portland_CONST

02/07/2021

CITY OF TACOMA
DEPARTMENT OF PUBLIC WORKS
Chris Larson
ENGINEERING DIVISION MANAGER

CONSTRUCTION PLAN
STREET INITIATIVE PKG 22
E 31ST ST FROM E 'N' ST TO E PORTLAND AVE

PWK-00434-22
SHEET NO.
SHEET C-7 OF C-18

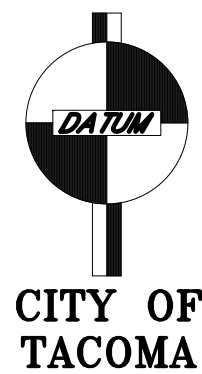


- ### CONSTRUCTION NOTES
1. CONSTRUCT BRASS POURED MONUMENT PER CITY OF TACOMA STANDARD PLAN SU-01
 2. PROVIDE INLET PROTECTION TO PROPOSED CATCH BASIN PER SPECIFICATION 8-01 UNTIL END OF CONSTRUCTION ACTIVITIES
 3. TO BE ADJUSTED BY OTHERS
 4. TO BE RELOCATED BY OTHERS
 5. ADJUST TO GRADE PER SPECIFICATION 7-05
 6. ADJUST EXISTING VALVE PER CITY OF TACOMA STANDARD SU-37
 7. CONSTRUCT CEMENT CONCRETE CURB RAMP PER CITY OF TACOMA STANDARD PLAN SU-05 SERIES
 8. CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER CITY OF TACOMA STANDARD PLAN SU-03
 9. CONSTRUCT CEMENT CONCRETE SIDEWALK PER CITY OF TACOMA STANDARD PLAN SU-04
 10. GRADE FOR POSITIVE DRAINAGE AND PLACE 2 INCH HMA CL 1/2 INCH PG 58H-22 OVER 2 INCH CRUSHED SURFACING TOP COURSE
 11. CONSTRUCT HMA CL. 1/2" PG 58H-22 PAVEMENT. REFER TO CROSS SECTION FOR MATERIAL AND DEPTHS.
 12. GRADE FOR POSITIVE DRAINAGE AND PLACE 2 INCH CRUSHED SURFACING TOP COURSE
 13. GRADE POSITIVE DRAINAGE AND PLACE 2" HMA CL. 3/8" PG 58H-22 OVER 2" CRUSHED SURFACING TOP COURSE FOR APPROACH
 14. CONSTRUCT CATCH BASIN TYPE I WITH VANED GRATE
 15. CONSTRUCT CATCH BASIN TYPE I WITH COMBINATION INLET
 16. CONNECT NEW PIPE TO EXISTING STRUCTURE
 17. CONSTRUCT CATCH BASIN TYPE II WITH VANED GRATE
 18. CONSTRUCT MANHOLE TYPE I
 19. RECONNECT EXISTING PIPE TO NEW STRUCTURE
 20. CONSTRUCT 4 INCH CONCRETE GARDEN WALK TO BACK OF CURB
 21. RELOCATE EXISTING MAILBOX PER SPECIFICATION 8-18
 22. CONSTRUCT STORM PIPE THROUGH ASPHALT WEDGE CURB, CONNECT TO EX. DRAIN PIPE
 23. OVERLAY 2 INCH HMA CL. 1/2" PG 58H-22. SEE TYPICAL ROADWAY RESTORATION FOR NEW CURB AND GUTTER, SHEET RS-1
 24. ADJUST TO GRADE PER SPECIFICATION 7-05, REUSE EXISTING RIM AND COVER/GRATE
 25. ADJUST TO GRADE PER SPECIFICATION 7-05, REUSE EXISTING RIM, INSTALL NEW VANED GRATE

- ### GENERAL NOTES:
1. ALL APPROACHES SHALL BE GRADED AND PLACED TO ENSURE POSITIVE DRAINAGE.
 2. ADJUSTING STRUCTURES SUCH AS MANHOLES AND VALVE CHAMBERS SHALL BE DONE PER C.O.T. STANDARD DETAIL SU-25 AND SU-37.
 3. WHEN REMOVING AN APPROACH THE LIMITS SHALL BE FROM THE EDGE OF THE APPROACH TO A MINIMUM OF 2' BEHIND THE NEW EDGE OF PAVEMENT.

UTILITY NOTE:

UTILITIES SHOWN ARE FROM SUB-CONSULTANT SURVEY AND CITY OF TACOMA GIS INFORMATION AND MAY NOT BE REPRESENTATIVE OF ACTUAL LOCATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THROUGH UTILITY LOCATE SERVICES, UTILITY AS-BUILT DRAWINGS, RECORD DRAWINGS AND POT-HOLING THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES. ALL MEANS AND METHODS TO RESEARCH AND VERIFY EXISTING UTILITY LOCATIONS SHALL BE INCIDENTAL TO THE ASSOCIATED WORK.



HORIZ. DATUM: N.A.D. 83/91
VERT. DATUM: N.G.V.D. 29
BENCH MARK: SBM
INTERSECTION OF E. WRIGHT AVE.
AND E. PORTLAND AVE.
ELEVATION = 81.34

20 0 20 40 60
SCALE IN FEET

CALL BEFORE YOU DIG
EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY PER BEST AVAILABLE INFO, AND MAY BE INCOMPLETE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, POT-HOLING AND AVOIDING ALL EXISTING UTILITIES.

CALL TWO BUSINESS DAYS BEFORE YOU DIG
(1-800-424-5555) OR VISIT ONLINE: www.callbeforeyoudig.org



Addendum #2

NO REVISION

2/4/21 JDH

FINAL CONSTRUCTION CHECKED

BY

DATE

FIELD BOOKS

DATE

DESIGNED

DRAWN

DRAWING NAME

1" = 20'

CHECKED

PROJECT NAME

PROJECT NAME



Chris Larson
ENGINEERING DIVISION MANAGER

CITY OF TACOMA
DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION PLAN
STREET INITIATIVE PKG 22
E WRIGHT AVE FROM WEST END TO EAST END

PWK-00434-22

SHEET NO.

SHEET C-10 OF C-18

CONSTRUCTION NOTES

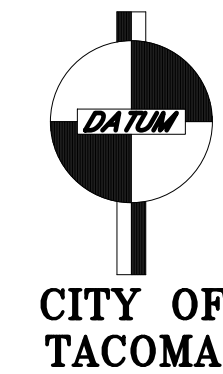
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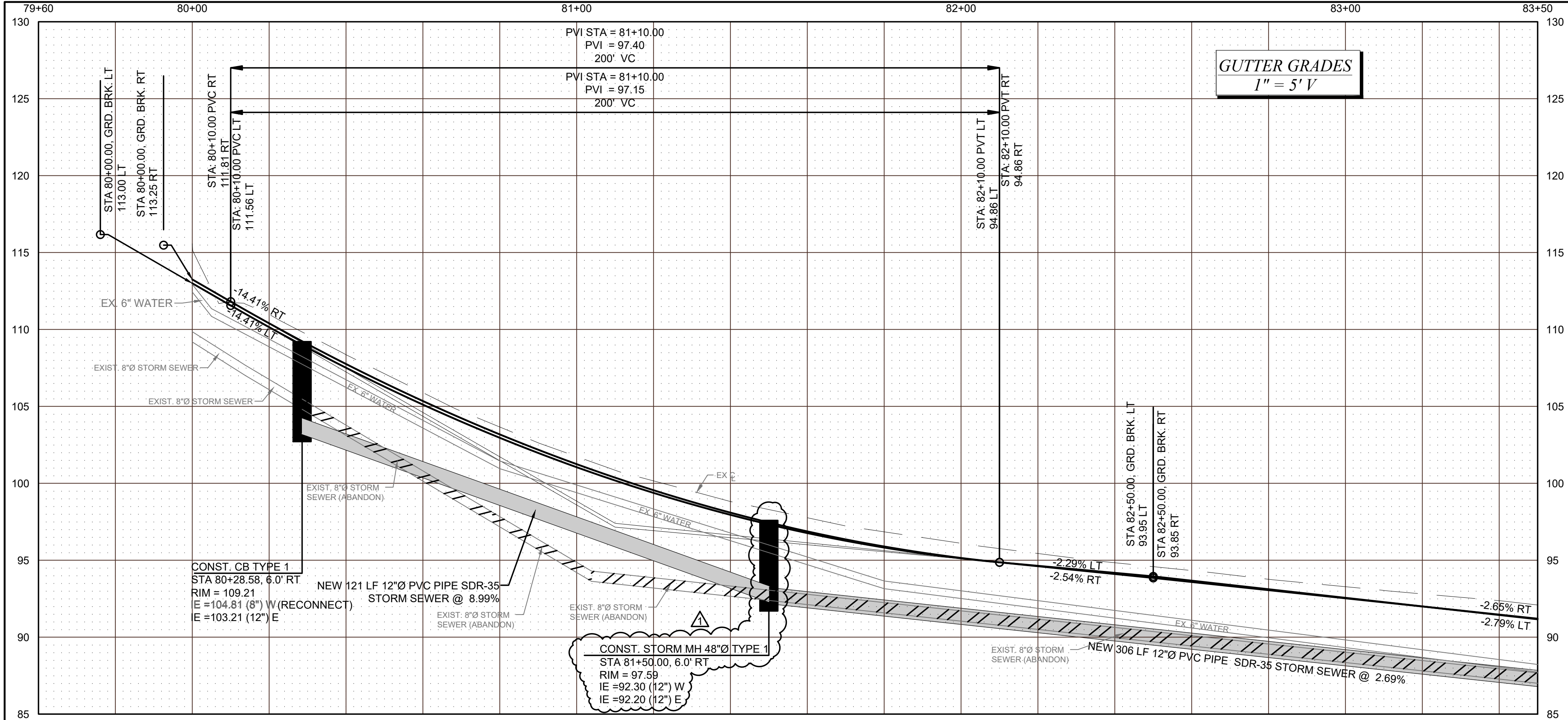
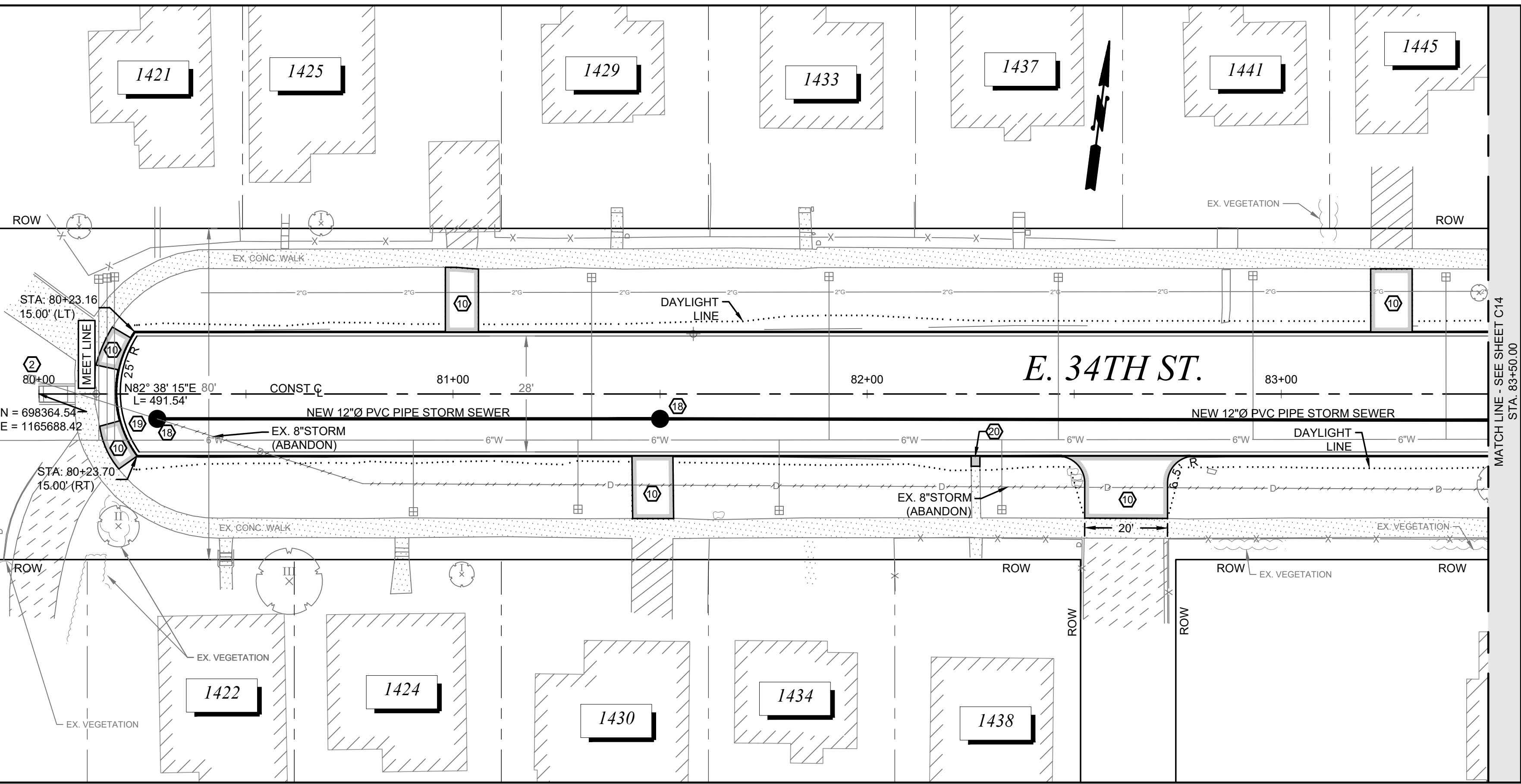
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HORIZ. DATUM: N.A.D. 83/91
VERT. DATUM: N.G.V.D. 29
BENCH MARK: SBM
INTERSECTION OF E. 34TH ST.
AND E. PORTLAND AVE.
ELEVATION = 88.55



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Addendum #2

2/4/21

JDH

FINAL
CONSTRUCTION
CHECKED

DATE
JAN. 2021

SCALE
1" = 20'

BY

DESIGNED
JDH

CHECKED
DCS

DATE

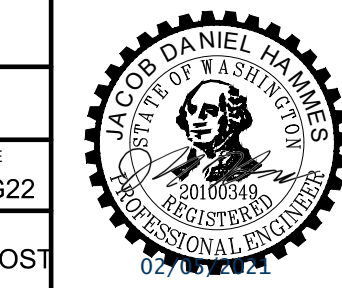
DRAWN
EJB

PROJECT NAME
PROP3-PKG22

FIELD BOOKS

DRAWING NAME
E_34th_Portland-WestEnd_COS

DATE



CITY OF TACOMA DEPARTMENT OF PUBLIC WORKS		
<div>Chris Larson</div> <div>ENGINEERING DIVISION MANAGER</div>	CONSTRUCTION PLAN	PWK-00434
	STREET INITIATIVE PKG 22	SHEET NO.
	E 34TH ST FROM WEST END TO E PORTLAND AVE	SHEET C-13 OF C-18