DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE
BELLEVUE, WA 98009-9012

DETERMINATION OF NON-SIGNIFICANCE

PROPONENT: COBT – 123rd Ave SE Sidewalk

LOCATION OF PROPOSAL: SE 20th Pl to SE 26th St

DESCRIPTION OF PROPOSAL: SEPA Threshold Determination to construct new curb and gutter and five foot wide sidewalk on the east side of 123rd Ave SE. The project includes storm water upgrades, water main replacement, new retaining wall, and an asphalt concrete overlay and with property restoration. The project includes approximately 1,110 cubic yards of total earth movement.

FILE NUMBERS: 15-118233 GD **PLANNER:** Matthews Jackson

The Environmental Coordinator of the City of Bellevue has determined that this proposal does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(C). This decision was made after the Bellevue Environmental Coordinator reviewed the completed environmental checklist and information filed with the Land Use Division of the Development Services Department. This information is available to the public on request.

☐ There is no comment period for this DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's office by 5:00 p.m. on _____.

☒ This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision. A written appeal must be filed in the City Clerk's Office by 5 p.m. on **6/4/2015**

☐ This DNS is issued under WAC 197-11-340(2) and is subject to a 14-day comment period from the date below. Comments must be submitted by 5 p.m. on _____. This DNS is also subject to appeal. A written appeal must be filed in the City Clerk's Office by 5:00 p.m. on _____.

This DNS may be withdrawn at any time if the proposal is modified so as to have significant adverse environmental impacts; if there is significant new information indicating a proposals probable significant adverse environmental impacts (unless a non-exempt license has been issued if the proposal is a private project): or if the DNS was procured by misrepresentation or lack of material disclosure.

Michael N. Paine for
Environmental Coordinator

10/8/2015
Date

OTHERS TO RECEIVE THIS DOCUMENT:

☐ State Department of Fish and Wildlife / Stewart.Reinbold@dfw.gov; Christa.Heller@dfw.wa.gov;
☐ State Department of Ecology, Shoreline Planner N.W. Region / Jobu461@ecy.wa.gov; sepaunit@ecy.wa.gov
☐ Army Corps of Engineers Susan.M.Powell@nws02.usace.army.mil
☒ Attorney General ecyolyef@atg.wa.gov
☐ Muckleshoot Indian Tribe Karen.Walter@muckleshoot.nsn.us; Fisheries.fileroom@muckleshoot.nsn.us

M.Jackson 10-5-15

BACKGROUND INFORMATION

Property Owner: City of Bellevue

Proponent: City of Bellevue Transportation Department

Contact Person: Mike Rodni
(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: 450 110th Ave. NE, Bellevue, WA 98009

Phone: (425) 452-4586

Proposal Title: 123rd Ave. SE Sidewalk, SE 20th Pl. - SE 26th St.

Proposal Location: 123rd Ave. SE, from SE 20th Pl. to SE 26th St.
(Street address and nearest cross street or intersection) Provide a legal description if available.

Please attach an 8 ½" x 11" vicinity map that accurately locates the proposal site.

Give an accurate, brief description of the proposal's scope and nature:

1. General description: Construct 5-foot wide sidewalk on the east side of the street, asphalt concrete overlay, storm drainage improvements, water main replacement and property restoration
2. Acreage of site: 3.0 acres
3. Number of dwelling units/buildings to be demolished: None
4. Number of dwelling units/buildings to be constructed: None
5. Square footage of buildings to be demolished: Does not apply
6. Square footage of buildings to be constructed: Does not apply
7. Quantity of earth movement (in cubic yards): 2910
8. Proposed land use: Add sidewalk on east side of 123rd Ave. SE, non-motorized transportation facility.
9. Design features, including building height, number of stories and proposed exterior materials:
   See project plans
10. Other

Estimated date of completion of the proposal or timing of phasing:

Fall, 2015

Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No.

List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

SEPA, Clear and Grade Permit, Right of Way Use Permit, Utilities Extension Agreement

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. List dates applied for and file numbers, if known.

Does not apply

List any government approvals or permits that will be needed for your proposal, if known. If permits have been applied for, list application date and file numbers, if known.

Does not apply

Please provide one or more of the following exhibits, if applicable to your proposal.
(Please check appropriate box(es) for exhibits submitted with your proposal):

☐ Land Use Reclassification (rezone) Map of existing and proposed zoning

☐ Preliminary Plat or Planned Unit Development
Preliminary plat map

☐ Clearing & Grading Permit
Plan of existing and proposed grading
Development plans

☑ Building Permit (or Design Review)
Site plan
Clearing & grading plan

☐ Shoreline Management Permit
Site plan

A. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site: ☐ Flat ☐ Rolling ☑ Hilly ☑ Steep slopes ☐ Mountains ☐ Other

b. What is the steepest slope on the site (approximate percent slope)? Embankment Slope 65%

c. What general types of soil are found on the site (for example, clay, sand, gravel, peat, and muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Glacial Till

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

None

MJ

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

There will be approximately 850 cubic yards of excavation necessary to construct the sidewalk and retaining wall.

There will be approximately 260 cubic yards of fill material (crushed rock) used to construct the sidewalk.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Yes, erosion could potentially occur. Erosion BMP's will be employed/inspected during construction.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Approximately 60%. This project will add approximately 4550 square feet of new impervious to a project site of approximately 131,000 square feet.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Erosion and sedimentation will be controlled through the implementation of best management practices as described in the State Department of Ecology's storm water management manual for puget sound basin, and according to City of Bellevue clearing and grading requirements, and will primarily include the catch basin inserts, and plastic covering. BMP's will be in place prior to beginning any clearing activity.

2. AIR

Impacts mitigated by application of clearing and grading code BCC 23.76.

a. What types of emissions to the air would result from the proposal (i.e. dust, automobile odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Minor dust and internal combustion engine emissions will be in the air during construction. No permanent emission sources will be created by this project.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

None.

c. Proposed measures to reduce or control emissions or other impacts to the air, if any:

Best management practices will be implemented during construction activities to reduce and control air emissions. These practices may include covering soil stockpiles, sweeping or washing street surfaces, minimizing exposed areas, and using construction machinery equipped with standard mufflers.

3. WATER

a. Surface

(1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

There are no surface bodies of water in the immediate vicinity of the site.

(2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If Yes, please describe and attach available plans.

No.

MJ

(3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None.

(4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

(5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No.

(6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground

(1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description.

No.

(2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

Does not apply.

c. Water Runoff (Including storm water)

(1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Rainfall on new impervious surfaces will be infiltrated into the ground. Excess runoff will ultimately drain to Lake Washington.

(2) Could waste materials enter ground or surface waters? If so, generally describe.

Yes, there is a possibility that fuel spills could occur from construction machinery and enter ground or surface waters.

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d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

None.

Impacts mitigated by application of clearing and grading code BCC 23.76.

4. Plants

a. Check or circle types of vegetation found on the site:

- [x] deciduous tree: alder, maple, aspen, other
- [x] evergreen tree: fir, cedar, pine, other
- [x] shrubs
- [x] grass
- [ ] pasture
- [ ] crop or grain
- [ ] wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
- [ ] water plants: water lily, eelgrass, milfoil, other
- [ ] other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

There will be removal of some trees, grass and shrubs.

c. List threatened or endangered species known to be on or near the site.

None known.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

The project will protect existing trees that are not slated for removal during construction.

5. ANIMALS

a. Check or circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

- [x] Birds: hawk, heron, eagle, songbirds, other:
- [ ] Mammals: deer, bear, elk, beaver, other:
- [ ] Fish: bass, salmon, trout, herring, shellfish, other:

MJ

b. List any threatened or endangered species known to be on or near the site.

None known.

c. Is the site part of a migration route? If so, explain.

Do not know.

d. Proposed measures to preserve or enhance wildlife, if any:

None.

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy need? Describe whether it will be used for heating, manufacturing, etc.

Fossil fuels will be consumed to operate construction equipment and maintenance vehicles. The completed project will require no energy.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

c. What kinds of energy conservation features are included in the plans of the proposal? List other proposed measures to reduce or control energy impacts, if any:

None.

7. Environmental Health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Potential environmental health hazards could include spills of fuel, oil, lubricants, and solvents used during construction. Spills pose a temporary threat to construction workers and nearby individuals if they become directly exposed, although the likelihood of nearby individuals being exposed is minimal during construction.

(1) Describe special emergency services that might be required.

None anticipated.

(2) Proposed measures to reduce or control environmental health hazards, if any.

Best Management Practices will be used during the construction of the project to minimize the potential for hazardous spills. Refueling will be performed away from storm conveyance facilities.

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b. Noise

(1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)?

Existing noise sources in the area primarily include vehicular traffic on 123rd Ave. SE and other local streets.

(2) What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example, traffic, construction, operation, other)? Indicate what hours noise would come from the site.

On a short term basis, noise will be generated from the construction equipment. Construction hours are typically 7:00 AM to 5:00 PM; however, hours are determined on a project-by-project basis.

(3) Proposed measures to reduce or control noise impacts, if any:

To control noise impacts to adjacent residences, the construction are limited to daytime hours and in accordance with City noise ordinances. Additionally, standard mufflers will be used on all construction equipment to reduce noise impacts.

Impacts mitigated by application of noise code BCC 9.18.

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties?

The project site is currently within City of Bellevue right-of-way, uses adjacent to the site are residential.

b. Has the site been used for agriculture? If so, describe.

No.

c. Describe any structures on the site.

None.

d. Will any structures be demolished? If so, what?

No.

e. What is the current zoning classification of the site?

R-3.5

f. What is the current comprehensive plan designation of the site?

Do not know. Single Family Medium Density

g. If applicable, what is the current shoreline master program designation of the site?

Do not know. N/A

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No.

I. Approximately how many people would reside or work in the completed project?

None.

j. Approximately how many people would the completed project displace?

None.

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k. Proposed measures to avoid or reduce displacement impacts, if any:

None.

i. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Do not know.

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None.

c. Proposed measures to reduce or control housing impacts, if any:

None.

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

Proposed wall will have a maximum height of 3 feet.

b. What views in the immediate vicinity would be altered or obstructed?

None.

c. Proposed measures to reduce or control aesthetic impacts, if any:

None.

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11. Light and Glare

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

c. What existing off-site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light or glare impacts, if any:

None.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

Woodridge Water Tower Park, Norwood Village Neighborhood Park

b. Would the proposed project displace any existing recreational uses? If so, describe.

No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None.

13. Historic and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No.

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.

None known.

c. Proposed measures to reduce or control impacts, if any:

If any archaeological artifact is uncovered or discovered during construction, the State Historical Preservation Officer will be notified immediately. No additional work would be performed on the site until all archaeological

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

See cover sheet on the attached plans.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

Yes. The bus stops within the project limits will be maintained.

c. How many parking spaces would be completed project have? How many would the project eliminate?

No parking spaces will be added. The project will eliminate parking on the east shoulder for the length of the

MJ

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

No additional trips added. This project constructs a non-motorized facility.

g. Proposed measures to reduce or control transportation impacts, if any:

None.

15. Public Services

a. Would the project result in an increased need for the public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No.

b. Proposed measures to reduce or control direct impacts on public services, if any:

None.

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

There is electricity, natural gas, water, refuse service, telephone, sanitary sewer.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

The existing storm drainage system will be replaced on the east side of the street only. The water main will be replaced from 123rd Place SE - SE 20th Place.

Signature

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature.....Date Submitted.....7/9/15.....

MJ

CITY OF BELLEVUE
TRANSPORTATION DEPARTMENT

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

90% SUBMITTAL

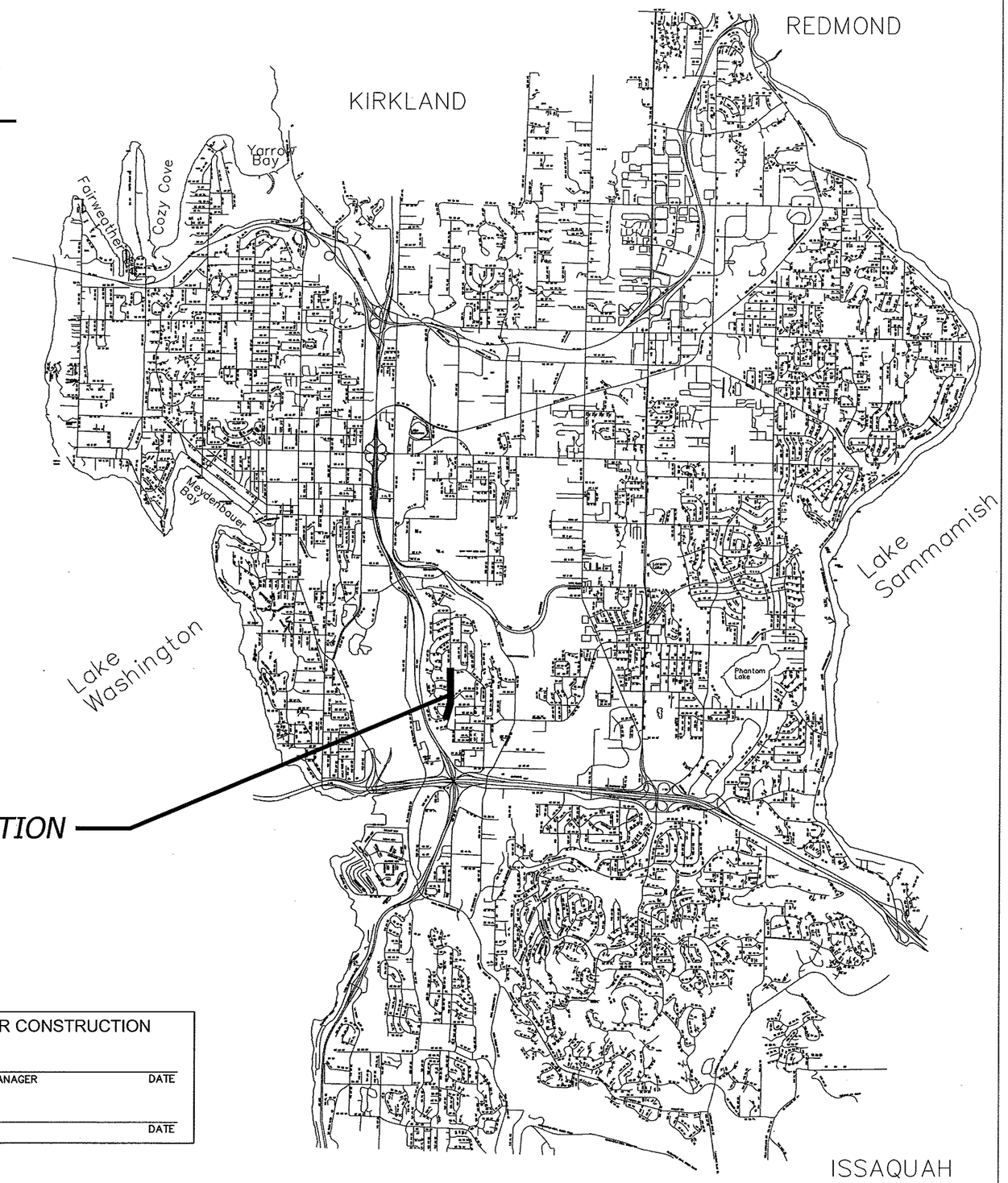
CITY MANAGER
BRAD MIYAKE

MAYOR
CLAUDIA BALDUCCI

DIRECTOR OF TRANSPORTATION
DAVE BERG

DEPUTY MAYOR
KEVIN WALLACE

CITY COUNCIL
JOHN CHELMINIAK
CONRAD LEE
JENNIFER ROBERTSON
LYNNE ROBINSON
JOHN STOKES



SCHEDULE OF DRAWINGS

SHEET	DRAWINGS
1	COVER SHEET
2	LEGEND AND GENERAL NOTES
3	TYPICAL ROADWAY SECTIONS
4–5	DETAILS
6–10	SITE PREPARATION AND TESC PLANS
11–15	ROADWAY AND PAVING PLANS
16	DRIVEWAY DETAILS
17–19	DRIVEWAY PROFILES
20	ADA RAMP DETAILS
21–25	UTILITY PLANS
26–30	ROADWAY AND DRAINAGE PROFILES
31–32	WATER MAIN PROFILE
33–37	CHANNELIZATION AND SIGNING PLANS
38	BLOCK WALL ELEVATIONS AND PROFILE
39	SURVEY CONTROL PLAN

APPROVED FOR CONSTRUCTION

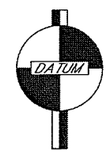
TRANSPORTATION DESIGN MANAGER DATE

PROJECT MANAGER DATE

C.I.P. NUMBER PW-W/B-76
BID NUMBER XXXX

CONSTRUCTION LEGEND

	EXISTING	PROPOSED
CONSTRUCTION NOTE		WOOD FENCE
SIGN NOTE		SIGN
DRAINAGE NOTE		UTILTY POLE
CHANNELIZATION NOTE		STORM DRAIN MANHOLE
SITE PREPARATION NOTE		POWER VAULT
WATER & SANITARY SEWER NOTE		CATCH BASIN
CURB RETURN DATA POINT		FIRE HYDRANT
CONSTRUCTION CENTERLINE		WATER METER
CITY OF BELLEVUE RIGHT-OF-WAY		WATER VALVE
PROPERTY LINE		GAS VALVE
CONSTRUCTION EASEMENT		SANITARY SEWER MANHOLE
PARCEL NUMBER		CABLE TELEVISION OR TELEPHONE RISER
CURB		DECIDUOUS TREE
BOULDERS		SHRUB
ELECTRICAL LINE		CONIFER TREE
STORM DRAIN		90 DEGREE BEND, M.J.
WATER LINE		45 DEGREE BEND, M.J.
SANITARY SEWER		22.5 DEGREE BEND, M.J.
GAS LINE		11.25 DEGREE BEND, M.J.
TELEPHONE LINE		VERTICAL BEND, FL.
CABLE TV LINE		VERTICAL BEND, M.J.
FIBER OPTIC CABLE		REDUCER, FL.
EXISTING CONCRETE TO BE REMOVED		REDUCER, M.J.
EXISTING ASPHALT TO BE REMOVED		REDUCER, M.J. x FL.
APPROX. CLEAR AND GRUBB LIMITS		REDUCER, M.J. x P.E.
APPROX. SAWCUT LINE		REDUCER, P.E. x M.J./FL. x M.J.
GRAVITY BLOCK WALL		TAPPING TEE & VALVE, FL. x M.J.
HMA DRIVEWAY		TEE, FL.
HMA PATCH BACK TO PROP. CURB & GUTTER		TEE, M.J.
2" GRIND AND OVERLAY		TEE, M.J. x FL.
NEW CONCRETE		BLOW-OFF VALVE (BO)
PAVING LIMIT		CAP/PLUG
		COUPLING



ELECTRICAL LEGEND

- CONDUIT
- VEHICLE SIGNAL HEAD
- LEFT TURN VEHICLE SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD
- OPTICOM SENSOR
- EXISTING TYPE I JUNCTION BOX
- EXISTING TYPE II JUNCTION BOX
- EXISTING TYPE 8 JUNCTION BOX
- PROPOSED TYPE I JUNCTION BOX
- PROPOSED TYPE II JUNCTION BOX
- PROPOSED TYPE 8 JUNCTION BOX
- EXISTING JUNCTION BOX
- INTERCONNECT TERMINATION CABINET
- EXISTING LUMINAIRE/POLE
- PROPOSED LUMINAIRE/POLE
- EXISTING SIGNAL POLE W/ LUMINAIRE
- PROPOSED SIGNAL POLE W/ LUMINAIRE
- SIGN ON MASTARM
- TENON
- EXISTING SIGNAL CONTROLLER CABINET
- PROPOSED SIGNAL CONTROLLER CABINET
- EXISTING SERVICE CABINET
- PROPOSED SERVICE CABINET
- SIGNAL POLE STANDARD NUMBER
- SIGNAL NOTE
- CONDUIT RUN NUMBER

SURVEY AND CENTERLINE CONTROL

NEWPORT WAY CENTERLINE:
STA 10+00 ESTABLISHED WITH 4.0362' OFFSET:
MONUMENT IN CASE H2617, V31
NORTHING 211019.89
EASTING 1.317557.534
INTERSECTION OF NEWPORT WAY AND 150 AVE SE.

NEWPORT WAY CENTERLINE:
STA 23+69.12 ESTABLISHED WITH 3.3824' OFFSET:
MONUMENT IN CASE H2943, V900
NORTHING 210779.355
EASTING 1318715.72
INTERSECTION NEWPORT WAY AND 152 AVE

SEE CENTERLINE CURVE AND BEARING DATA, SITE PREPARATION SHEETS.

GENERAL WATER NOTES

1. All work shall conform to the 2015 City of Bellevue Utility Engineering Standards and the Developer Extension Agreement.

2. All pipe shall be ductile iron class 52 unless otherwise shown.

3. All pipe and fittings not to be disinfected in place shall be swabbed with 1% available chlorine solution prior to installation.

4. The new water main shall be connected to the existing system only after new main is pressure tested, flushed, disinfected and satisfactory bacteriological sample results are obtained and received by the City Inspector. See Standard Detail W-9.

5. After disinfecting the water main, dispose of chlorinated water by discharging to the nearest operating sanitary sewer.

6. water main shut-off shall be coordinated with the Water Operations Division for preferred timing during flow control conditions. Water main shut-offs shall not be scheduled to take place on Fridays, or on the five days before nor one day after a City holiday, unless otherwise approved by the Utility.

7. The locations of all existing utilities shown hereon have been established by field survey or obtained from available records and should therefore be considered approximate only and not necessarily complete. It is the sole responsibility of the contractor to independently verify the accuracy of all utility locations shown, and to further discover and avoid any other utilities not shown hereon which may be affected by the implementation of this plan.

8. Deflect the water main above or below existing utilities as required to maintain 3 ft. minimum cover and 12 inch minimum vertical clearance between utilities unless otherwise specified.

9. Wrap all ductile iron pipe and adjacent valves and fittings with 8-mil. polyethylene conforming to AWWA C105.

10. The water main shall be installed only after the roadway subgrade is backfilled, graded and compacted in cut and fill areas.

11. Trench backfill and surface restoration of existing asphalt pavement shall be as required by the right-of-way use permit.

12. All fittings shall be blocked per Standard Details unless otherwise specified.

13. All services shall be 1" x 1" per Standard Details unless otherwise specified. Adaptors for 3/4"meters shall be used where applicable.

14. When working with asbestos cement pipe, the Contractor is required to maintain workers' exposure to asbestos material at or below the limit prescribed in WAC 296-62-07705.

15. Call 1-800-424-5555, or 811, 72 hours before construction for utility locations.

16. Uniform plumbing code requires the installation of privately owned and operated pressure reducing valves where the operating pressure exceeds 80 psi.

17. The Contractor shall use a vacuum street sweeper to remove dust and debris from pavement areas as directed by the Engineer. Flushing of streets shall not be permitted without prior City approval.

18. Before commencement of trenching, the Contractor shall provide catch basin inserts for all catch basins that will receive runoff from the project site. The Contractor shall periodically inspect the condition of all inserts and replace as necessary.

19. Abandonment of existing water services shall be accomplished as follows:
(See W5-29 Abandoning Facilities for other facility abandonment)

a. Remove existing service saddle from water main and replace with new stainless steel repair band, Romac SS2, Ford Service Saddle FC101, CC threaded saddle and a CC thread brass plug, or approved equal (will not be required when water main is to be abandoned).

b. Remove and dispose of existing setter and meter box.

c. Cap or crimp (if copper) existing service line to be abandoned in place, each end.

d. Return existing meter to City of Bellevue Utilities Inspector.

20. Where new utility line crosses below an existing AC main, the AC pipe shall be replaced with DI pipe to 3 feet past each side of the trench as shown on Standard Detail W-8. Wrap DI pipe and couplings with 8-mil polyethylene conforming to AWWA C105. Alternatively, where directed by the Engineer, the trench shall be backfilled with controlled density fill (CDF, aka flowable fill) from bottom of trench to the invert of the AC main.

21. Avoid crossing water or sewer mains at highly acute angles. The smallest angle measure between utilities should be 45 to 90 degrees.

22. Where water main crosses above or below sanitary sewer, one full length of water pipe shall be centered for maximum joint separation.

23. At points where existing thrust blocking is found, minimum clearance between the concrete blocking and other buried utilities or structures shall be 5 feet.

24. Workers must follow confined space regulations and procedures when entering or doing work in COB owned confined spaces. Completed Permit must be given to the Utilities inspector prior to entry.

25. Manholes, catch basins and vaults are considered to be permit-required confined spaces. Entry into these spaces shall be in accordance with Chapter 296-809 WAC.

26. When work is to occur in easements, the Contractor shall notify the easement grantor and Bellevue Utilities in writing a minimum of 48 hours in advance of beginning work (not including weekends or holidays). Failure to notify grantor and Bellevue Utilities will result in a Stop Work Order being posted until the matter is resolved to the satisfaction of Bellevue Utilities. A written release from the easement grantor shall be furnished to the Utilities Inspector prior to permit sign-off.

27. The Contractor shall restore the Right-of-Way and existing public utility easement(s) after construction to a condition equal or better than condition prior to entry. Contractor shall furnish a signed release from all affected property owners after restoration has been completed.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.

2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.

3. CONTRACTOR SHALL PROVIDE PROJECT SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

4. PEDESTRIAN ACCESS SHALL BE NOT BE IMPEDED. CLOSED TRENCHES, TEMPORARY PAVING SURFACES AND PEDESTRIAN ROUTES SHALL HAVE A STABLE, FIRM AND SLIP RESISTANT WALKING SURFACE MADE EVEN WITH THE SURROUNDING SURFACES. COMPACTED GRAVEL IS NOT CONSIDERED AN ACCEPTABLE WALKING SURFACE.

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.

2. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.

3. THE CONTRACTOR SHALL MAINTAIN 10 FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.

4. DRIVEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF BELLEVUE.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER	DATE
PROJECT MANAGER	DATE
	DATE

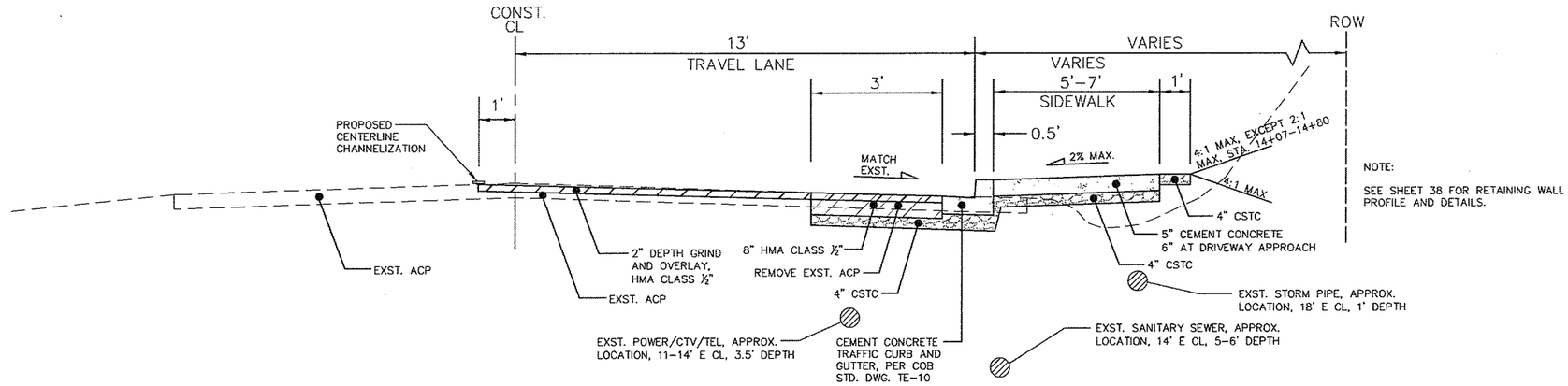
MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK
STATE OF WASHINGTON
45866
REGISTERED
PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

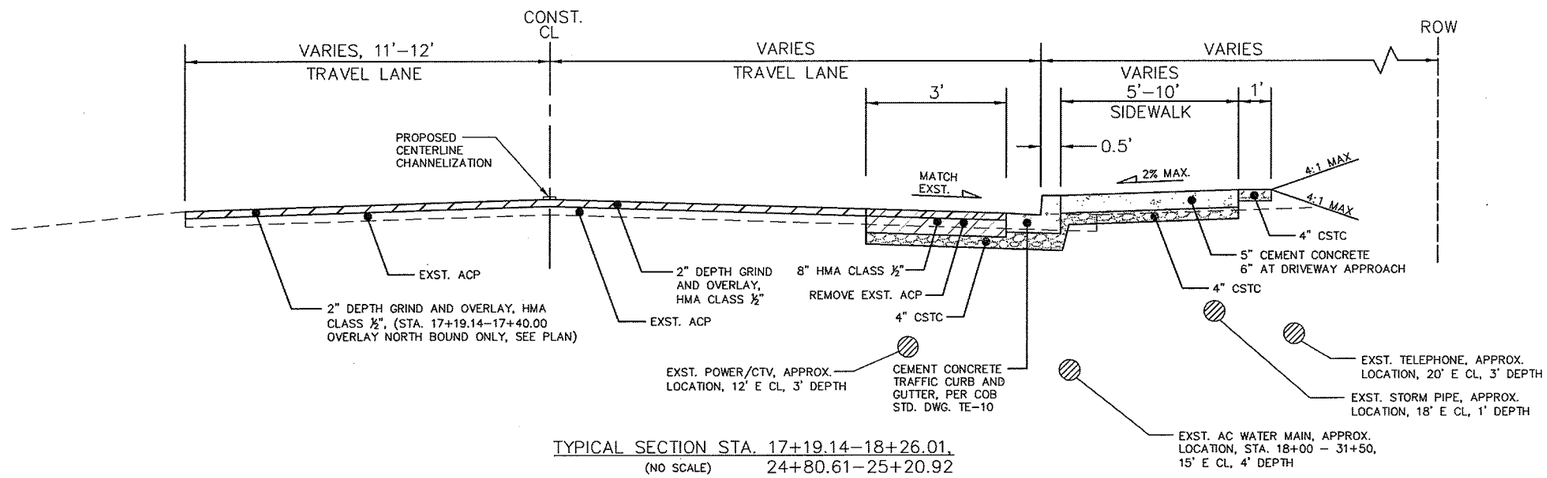
LEGEND AND GENERAL NOTES



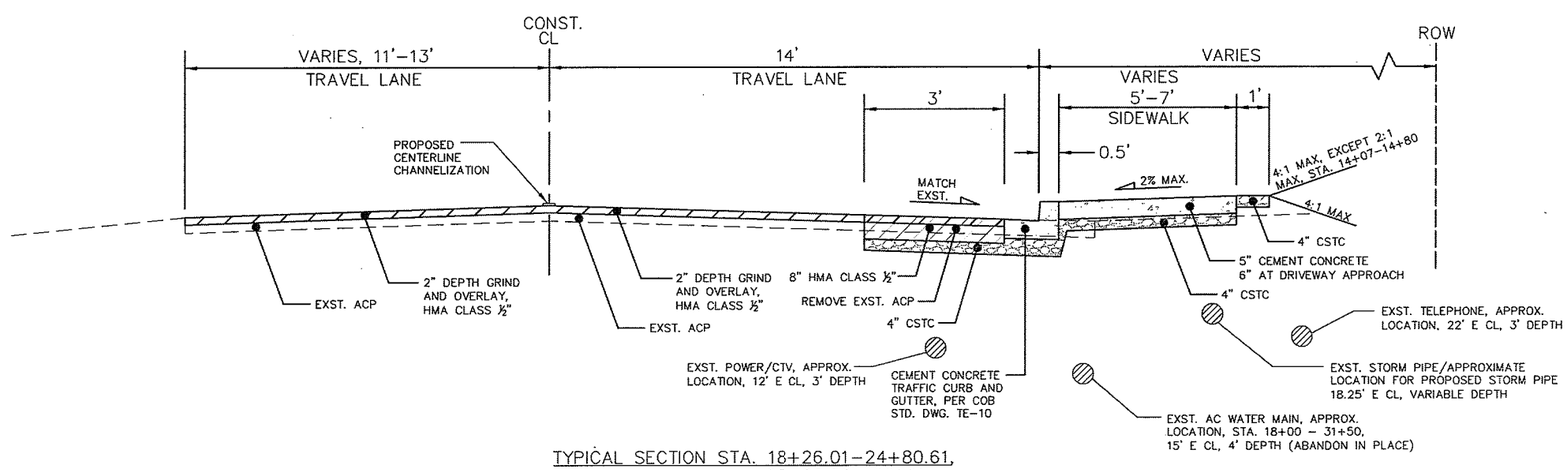
NOTE:

SEE SHEET 38 FOR RETAINING WALL PROFILE AND DETAILS.

TYPICAL SECTION STA. 11+33.55–17+19.15,
(NO SCALE)



TYPICAL SECTION STA. 17+19.14–18+26.01,
(NO SCALE) 24+80.61–25+20.92



TYPICAL SECTION STA. 18+26.01–24+80.61,
(NO SCALE) 25+20.92–XXXXX

NO.	DATE	BY	APPR.	REVISIONS

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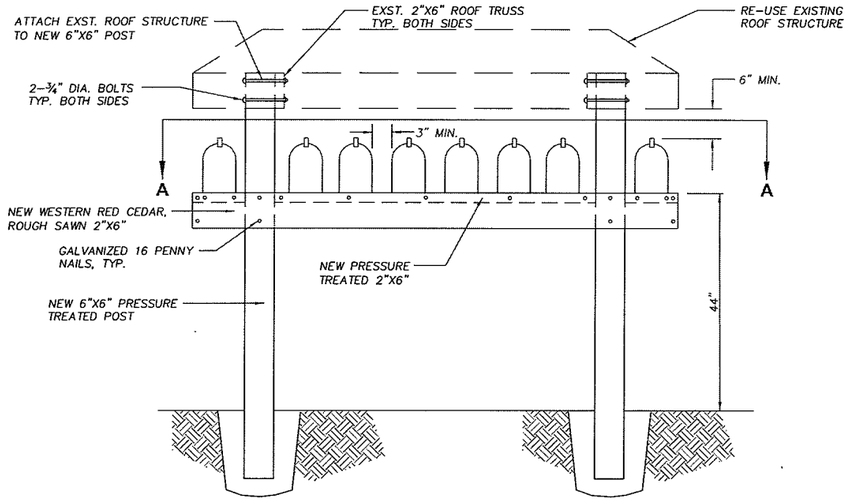
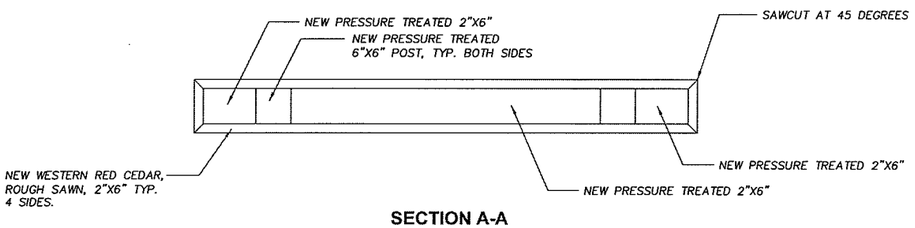
City of Bellevue
Transportation Department

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

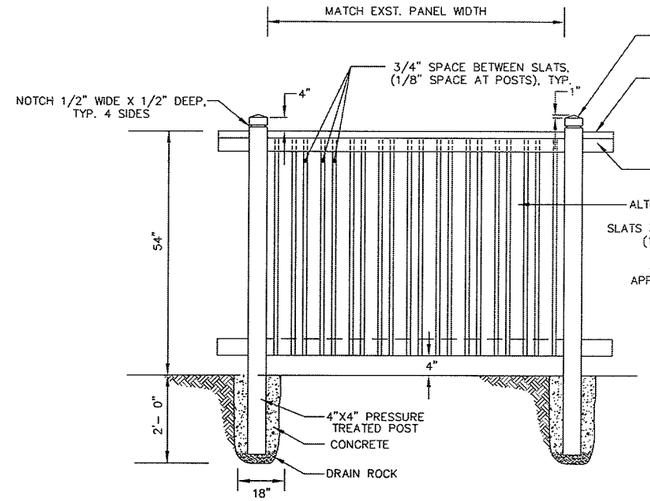
TYPICAL SECTIONS

SHT 3 OF 39

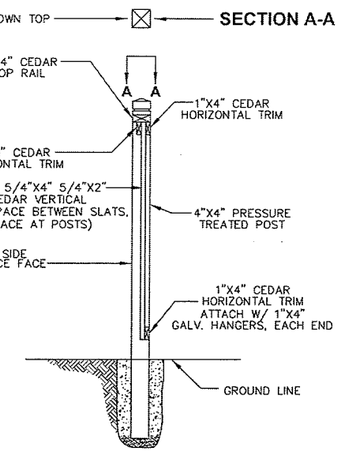




SECTION A-A



FENCE ELEVATION, STREET SIDE

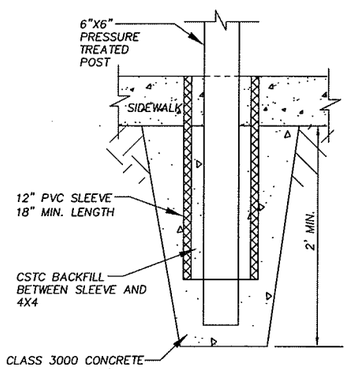


FENCE SECTION

FENCE NOTES

1. ALL WOOD TO BE WESTERN RED CEDAR WCLIB GRADE 117A OR APPROVED EQUAL UNLESS OTHERWISE NOTED.
2. FASTEN SLATS WITH 5d GALVANIZED COMMON NAILS, FASTEN ALL OTHER MATERIALS WITH 10d GALVANIZED COMMON NAILS UNLESS OTHERWISE NOTED.
3. APPEARANCE FACE TOWARDS STREET.
4. PROPERTY OWNER WILL PAINT FENCE.

WOOD FENCE DETAIL
NOT TO SCALE



NOTE:
RE-USE ROOF STRUCTURE, MAILBOXES AND ADDRESS SIGN FROM OLD MAILBOX STANDS. PAINT MAILBOX STAND TO MATCH EXISTING.

MAILBOX STAND DETAIL
NOT TO SCALE

NO.	DATE	BY	APPR.	REVISIONS

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PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

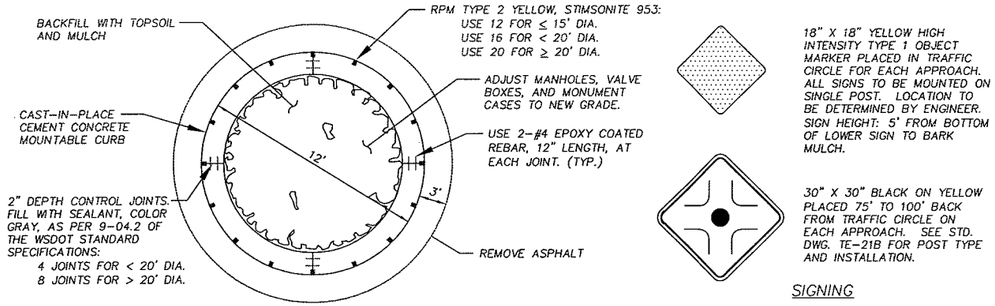
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

DETAILS

SHT 4 OF 39

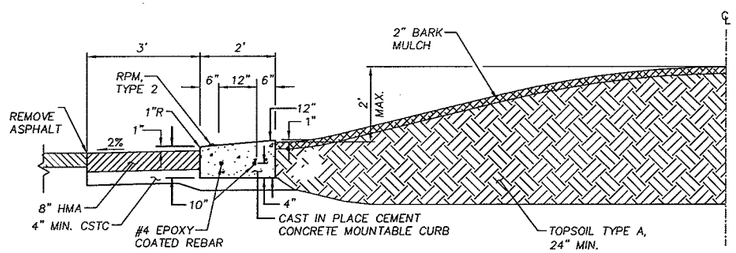


TYPICAL TRAFFIC CIRCLE

18" X 18" YELLOW HIGH INTENSITY TYPE 1 OBJECT MARKER PLACED IN TRAFFIC CIRCLE FOR EACH APPROACH. ALL SIGNS TO BE MOUNTED ON SINGLE POST. LOCATION TO BE DETERMINED BY ENGINEER. SIGN HEIGHT: 5' FROM BOTTOM OF LOWER SIGN TO BARK MULCH.

30" X 30" BLACK ON YELLOW PLACED 75' TO 100' BACK FROM TRAFFIC CIRCLE ON EACH APPROACH. SEE STD. DWG. TE-21B FOR POST TYPE AND INSTALLATION.

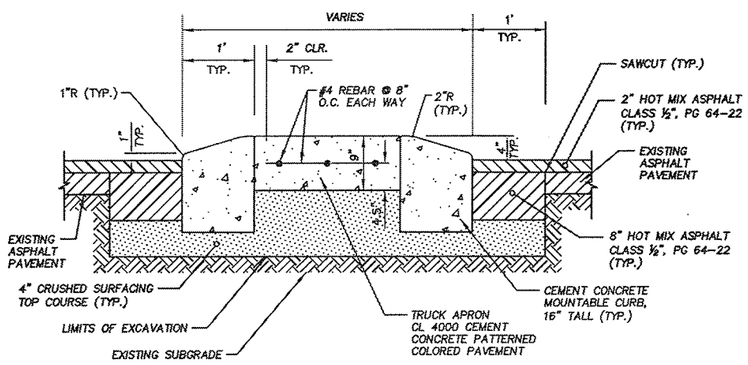
SIGNING



TYPICAL SECTION

TRAFFIC CIRCLE DETAIL

NOT TO SCALE



MOUNTABLE CURB MEDIAN DETAIL

NOT TO SCALE

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE

PROJECT MANAGER — DATE

DATE

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DESIGNED BY	DATE
MR	6/15
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CM	6/15
CHECKED BY	DATE

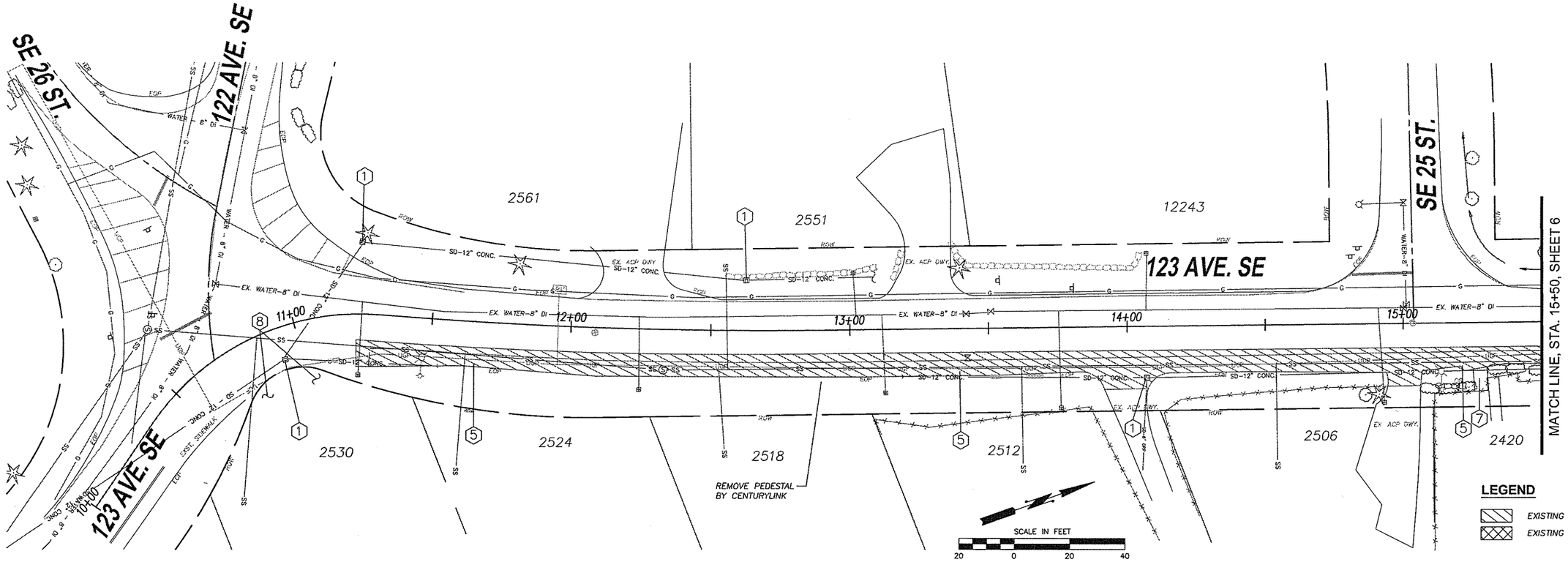
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

DETAILS

SHT 5 OF 39



LEGEND

- EXISTING ASPHALT TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED

TRAFFIC CONTROL NOTES

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SITE PREPARATION GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE INFORMATION CONTAINED WITHIN AS-BUILT DRAWINGS, FIELD LOCATES AND POTHOLING INFORMATION.
3. THE CONTRACTOR SHALL MAINTAIN 11 FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
4. ALL CONCRETE AND ASPHALT SURFACES TO BE REMOVED SHALL BE SAWCUT UNLESS ANOTHER METHOD OF REMOVAL IS DESIGNATED IN THE PLANS.
5. DRIVEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF BELLEVUE.
6. PROVIDE AND INSTALL SILT FENCE AS NEEDED PER COB CLEAR & GRADE BMP C233.
7. THE CONTRACTOR SHALL SUBMIT A FINAL TESC PLAN AND CSWPPP REFLECTING THE CONTRACTORS OPERATIONS PRIOR TO THE START OF CONSTRUCTION.
8. THE CONTRACTOR SHALL PROVIDE PROVIDE A TURBIDITY MONITORING PLAN AND MONITOR TURBIDITY THROUGHOUT THE PROJECT AS REQUIRED BY THE CITY OF BELLEVUE CLEAR AND GRADE PERMIT.
9. FOR STORM PIPE AND STRUCTURE REMOVAL. SEE SHEETS 16-20.

SITE PREPARATION AND EROSION CONTROL NOTES

1. PROVIDE AND INSTALL CATCH BASIN INLET PROTECTION PER COB CLEAR & GRADE BMP C220.
2. REMOVE EXISTING TREE AND GRIND STUMP.
3. REMOVE EXISTING CEMENT CONCRETE CURB AND GUTTER.
4. REMOVE EXISTING CEMENT CONCRETE PAVEMENT.
5. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT.
6. PROTECT EXISTING FENCE.
7. REMOVE EXISTING BRICK WALKWAY PER DIRECTION OF THE ENGINEER.
8. TRIM TREE BRANCHES FOR SIDEWALK CLEARANCE OR SIGHT DISTANCE PER DIRECTION OF THE ENGINEER.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE

PROJECT MANAGER — DATE

DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
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CM	6/15
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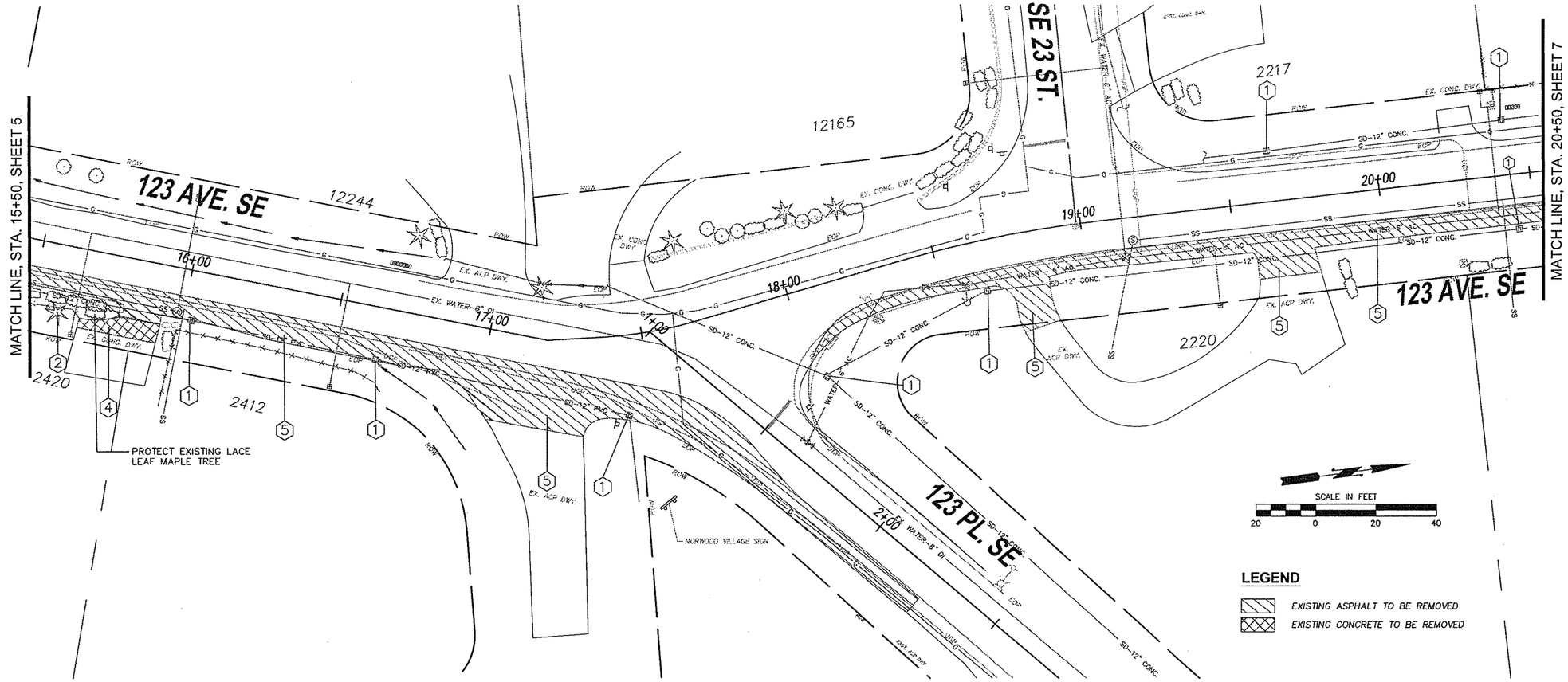
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

SITE PREPARATION & TESC PLAN
STA. 10+00 TO 15+50

SHT 6 OF 39



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5. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT.
6. PROTECT EXISTING FENCE.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

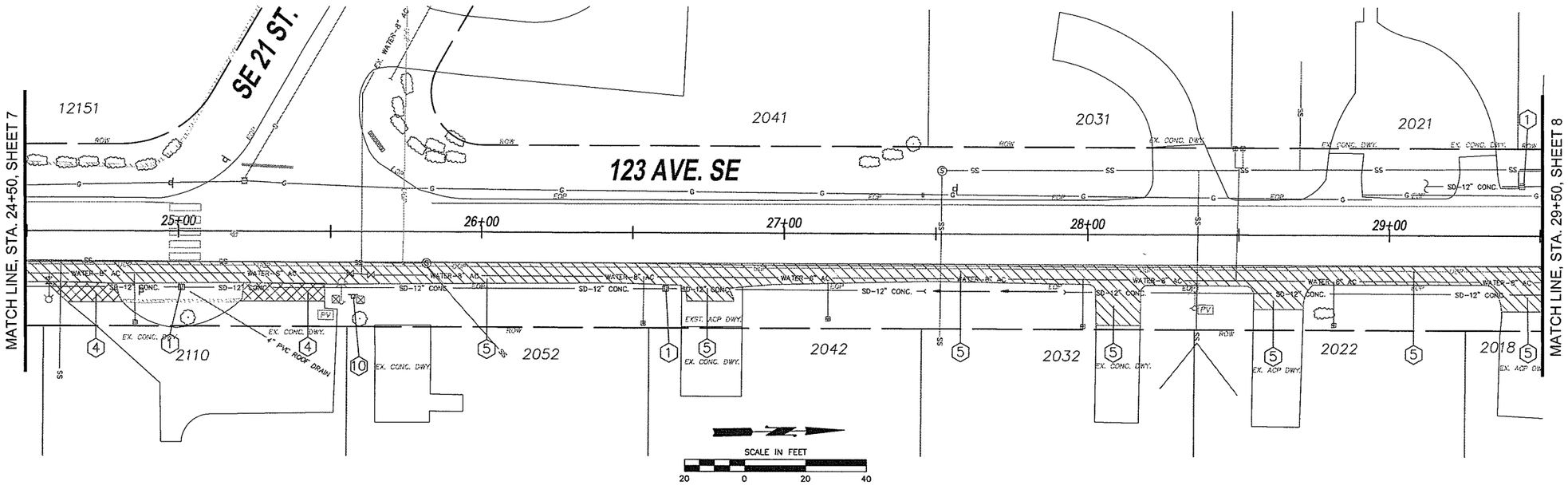
City of Bellevue
Transportation Department

CHRISTOPHER D. MASLEY — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

SITE PREPARATION & TESC PLAN
STA. 15+50 TO 20+50

SHT 7 OF 39



LEGEND

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5. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT.
6. PROTECT EXISTING FENCE.
10. PROTECT EXISTING FLASHING BEACON ASSEMBLY.

NO.	DATE	BY	APPR.	REVISIONS

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City of Bellevue
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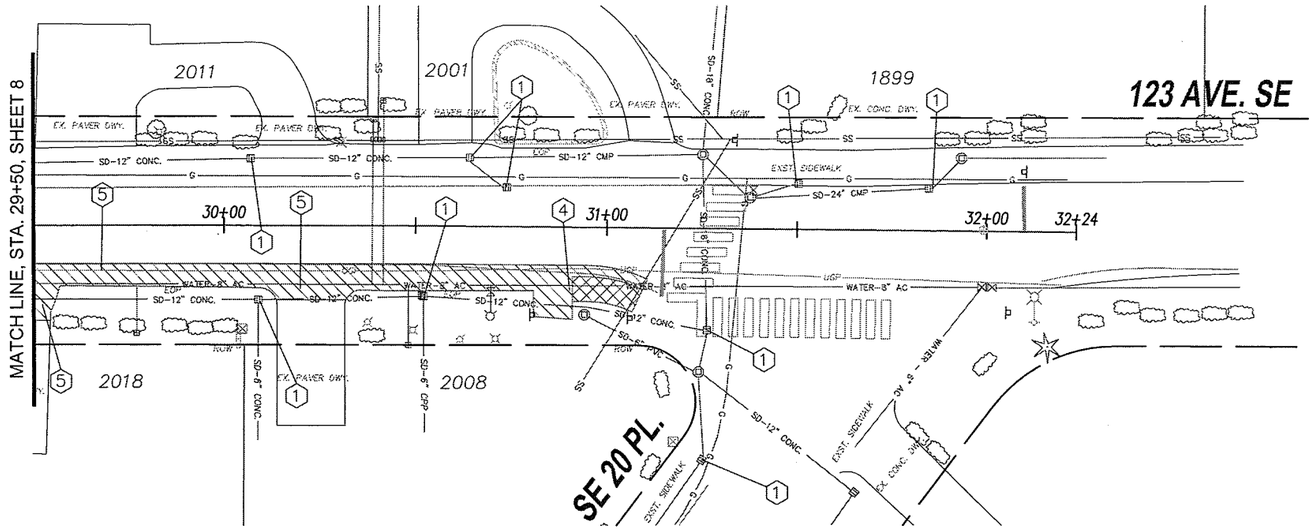
SITE PREPARATION & TESC PLAN
STA. 24+50 TO 29+50

SHT 9 OF 39



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NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
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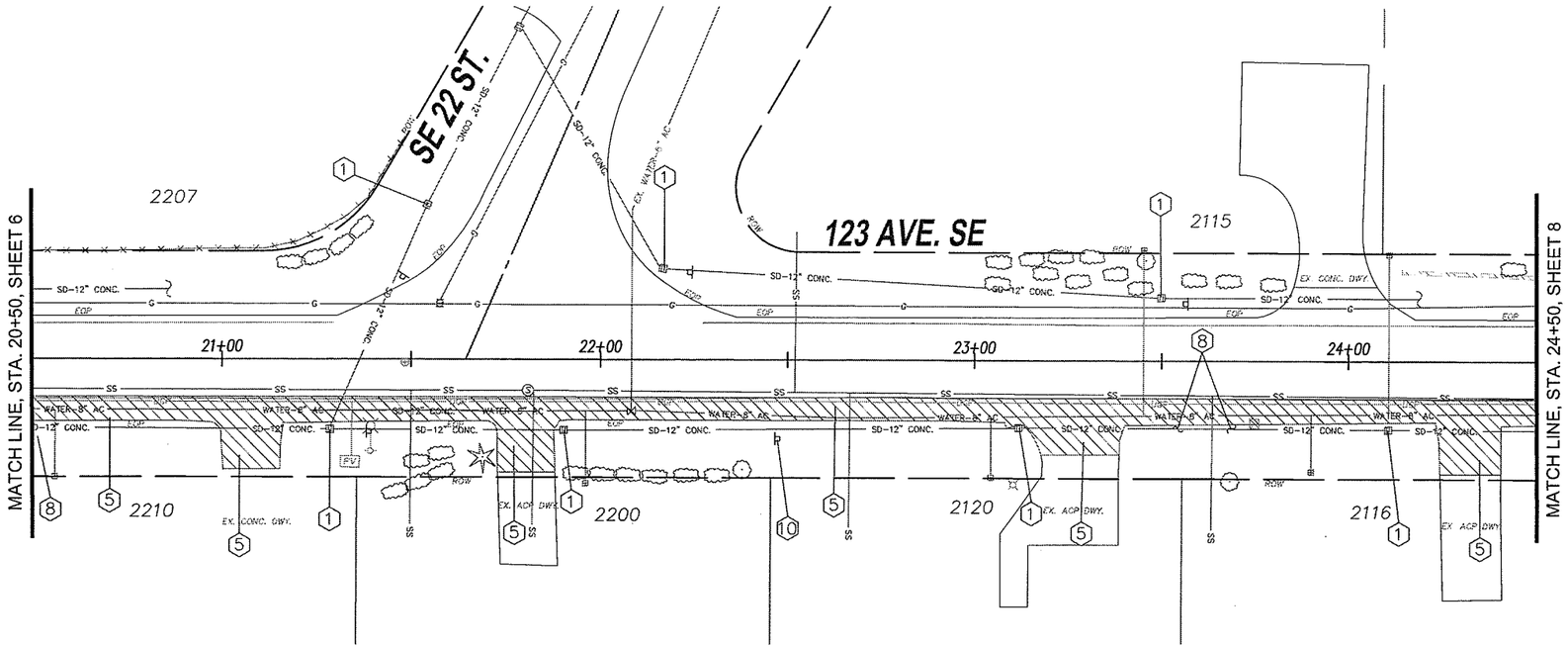
City of Bellevue
Transportation Department

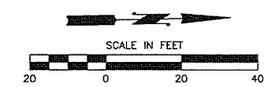
CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

SITE PREPARATION & TESC PLAN
STA. 29+50 TO END PROJECT

SHT 10 OF 39





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SITE PREPARATION GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE INFORMATION CONTAINED WITHIN AS-BUILT DRAWINGS, FIELD LOCATES AND POTHOLING INFORMATION.
3. THE CONTRACTOR SHALL MAINTAIN 11 FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
4. ALL CONCRETE AND ASPHALT SURFACES TO BE REMOVED SHALL BE SAWCUT UNLESS ANOTHER METHOD OF REMOVAL IS DESIGNATED IN THE PLANS.
5. DRIVEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED TO BY THE CITY OF BELLEVUE.
6. PROVIDE AND INSTALL SILT FENCE AS NEEDED PER COB CLEAR & GRADE BMP C233.
7. THE CONTRACTOR SHALL SUBMIT A FINAL TESC PLAN AND CSWPPP REFLECTING THE CONTRACTORS OPERATIONS PRIOR TO THE START OF CONSTRUCTION.
8. THE CONTRACTOR SHALL PROVIDE PROVIDE A TURBIDITY MONITORING PLAN AND MONITOR TURBIDITY THROUGHOUT THE PROJECT AS REQUIRED BY THE CITY OF BELLEVUE CLEAR AND GRADE PERMIT.
9. FOR STORM PIPE AND STRUCTURE REMOVAL. SEE SHEETS 16-20.

SITE PREPARATION AND EROSION CONTROL NOTES

(1) PROVIDE AND INSTALL CATCH BASIN INLET PROTECTION PER COB CLEAR & GRADE BMP C220.
(2) REMOVE EXISTING TREE AND GRIND STUMP.
(3) REMOVE EXISTING CEMENT CONCRETE CURB AND GUTTER.
(4) REMOVE EXISTING CEMENT CONCRETE PAVEMENT.
(5) REMOVE EXISTING ASPHALT CONCRETE PAVEMENT.
(6) PROTECT EXISTING FENCE.
(8) TRIM TREE BRANCHES FOR SIDEWALK CLEARANCE OR SIGHT DISTANCE PER DIRECTION OF THE ENGINEER.
(10) PROTECT EXISTING FLASHING BEACON ASSEMBLY.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

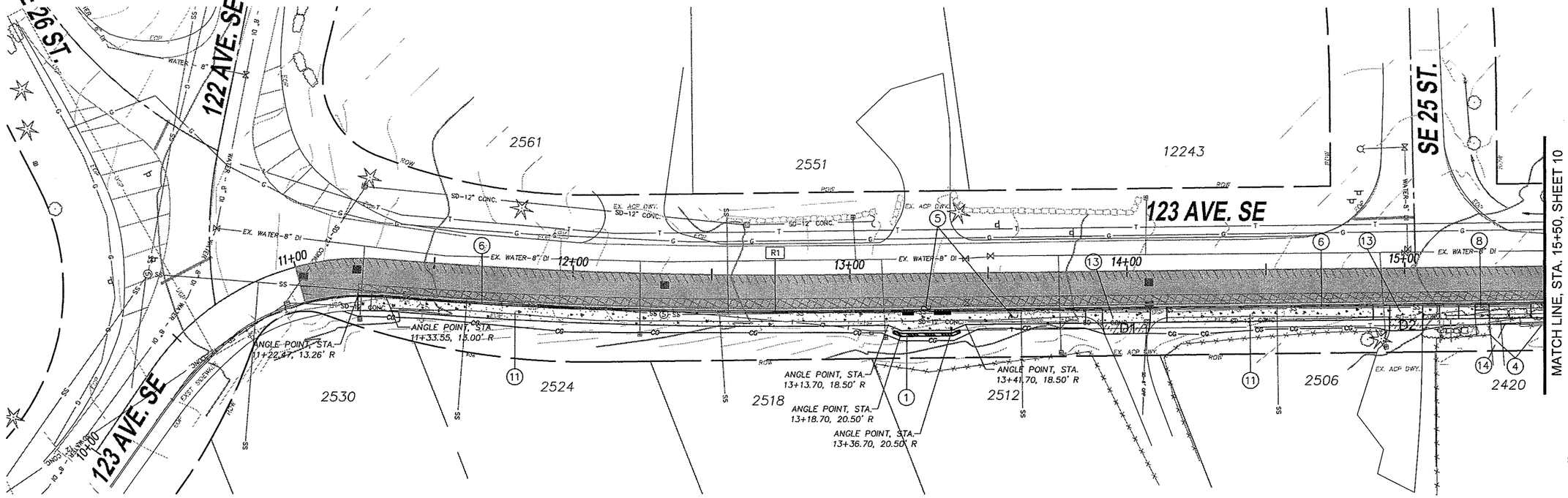
City of Bellevue
Transportation Department

CHRISTOPHER D. MASICK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

SITE PREPARATION & TESC PLAN
STA. 20+50 TO 24+50

SHT 8 OF 39



GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. FOR ADDITIONAL CLARITY OF EXISTING UTILITY LOCATIONS, SEE TYPICAL SECTIONS ON SHEET 3.
3. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.
4. THE CONTRACTOR SHALL MAINTAIN 11' FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
6. FOR UTILITY PLANS (STORM, WATER AND SEWER), SEE SHEETS 21-25.

TRAFFIC CONTROL NOTES

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3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

CONSTRUCTION NOTES

1. CONSTRUCT GRAVITY BLOCK WALL PER DETAILS AND PROFILE, SHEET 38.
2. ADJUST JUNCTION BOX TO GRADE.
3. ADJUST MONUMENT CASE AND COVER TO FINISHED GRADE PER COB STD. DWG. NO. DEV-12.
4. REMOVE AND RELOCATE FENCE PER DIRECTION OF THE ENGINEER.
5. RELOCATE MAILBOX STRUCTURES AND MAILBOXES PER DETAILS ON SHEET 4.
6. CONSTRUCT CEMENT CONCRETE CURB AND GUTTER PER COB STD DWG NO. TE-10. PATCH BACK TO EXISTING PAVEMENT WITH 8" HMA Cl. 1/2" PG 64-22.
7. CONSTRUCT CEMENT CONCRETE SIDEWALK RAMP TYPE 1A PER COB STD. DWG. NO. TE-12A & TE-12B AND DETAILS SHEET 20.
8. CONSTRUCT CEMENT CONCRETE SIDEWALK RAMP TYPE 2A PER COB STD. DWG. NO. TE-12A & TE-12C AND DETAILS SHEET 20.
9. PRUNE TREE ROOTS PER DIRECTION OF THE ENGINEER.
10. INSTALL ROOT BARRIER PER DIRECTION OF THE ENGINEER.
11. CONSTRUCT CONCRETE SIDEWALK, 5" DEPTH, OVER 4" CSTC PER TYPICAL SECTION DETAILS, SHEET 3.
12. CONSTRUCT CEMENT CONCRETE BUS STOP PAD 3' WIDE, 10' LONG, 5" DEPTH CEMENT CONCRETE.
13. CONSTRUCT CONCRETE DRIVEWAY APPROACH TYPE 1 AND DRIVEWAY. FOR DRIVEWAY SCHEDULE, DETAILS AND PROFILES SEE SHEETS 16-19.
14. CONSTRUCT CEMENT CONCRETE WALKWAY, 5" DEPTH, OVER 4" CSTC PER DIRECTION OF THE ENGINEER.
15. GRIND EXISTING PAVEMENT TO A DEPTH OF 2". OVERLAY WITH 2" HMA Cl. 1/2" PG 64-22.
16. CONSTRUCT 4.5' WOOD FENCE PER DETAIL, SHEET 4.
17. NOT USED THIS SHEET.
18. RELOCATE EXISTING POLE AND LUMINAIRE BY PUGET SOUND ENERGY.
19. INSTALL NEW STREET LIGHT POLE AND LUMINAIRE BY PUGET SOUND ENERGY.
20. INSTALL TOPSOIL TYPE A, 4" DEPTH.
21. INSTALL BARK MULCH OR LAWN SEED TO BEST MATCH EXISTING CONDITIONS.
22. CONSTRUCT 12' DIAMETER TRAFFIC CIRCLE, PER DETAILS ON SHEET 5. CENTER OF CIRCLE = STA. 25+52.02, 2.50' L.
23. CONSTRUCT RAISED MEDIAN/CURB EXTENSION PER DETAIL ON SHEET 5.

LEGEND

- APPROX. CLEAR AND GRUBB LIMITS
- GRAVITY BLOCK WALL
- HMA DRIVEWAY
- HMA PATCH BACK TO PROP. CURB & GUTTER
- 2" GRIND AND OVERLAY
- NEW CONCRETE
- PAVING LIMIT

CURVE DATA

Curve No.	PC Station/Offset	PT Station/Offset	Radius	Length	Delta	Tangent
R1	11+33.55, 13.00' R	12+88.47, 13.00' R	1,663.00	156.14'	5d22'47"	156.09'

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE

PROJECT MANAGER — DATE

DATE

MR 6/15 DESIGNED BY DATE
MR 6/15 DRAWN BY DATE
CM 6/15 CHECKED BY DATE

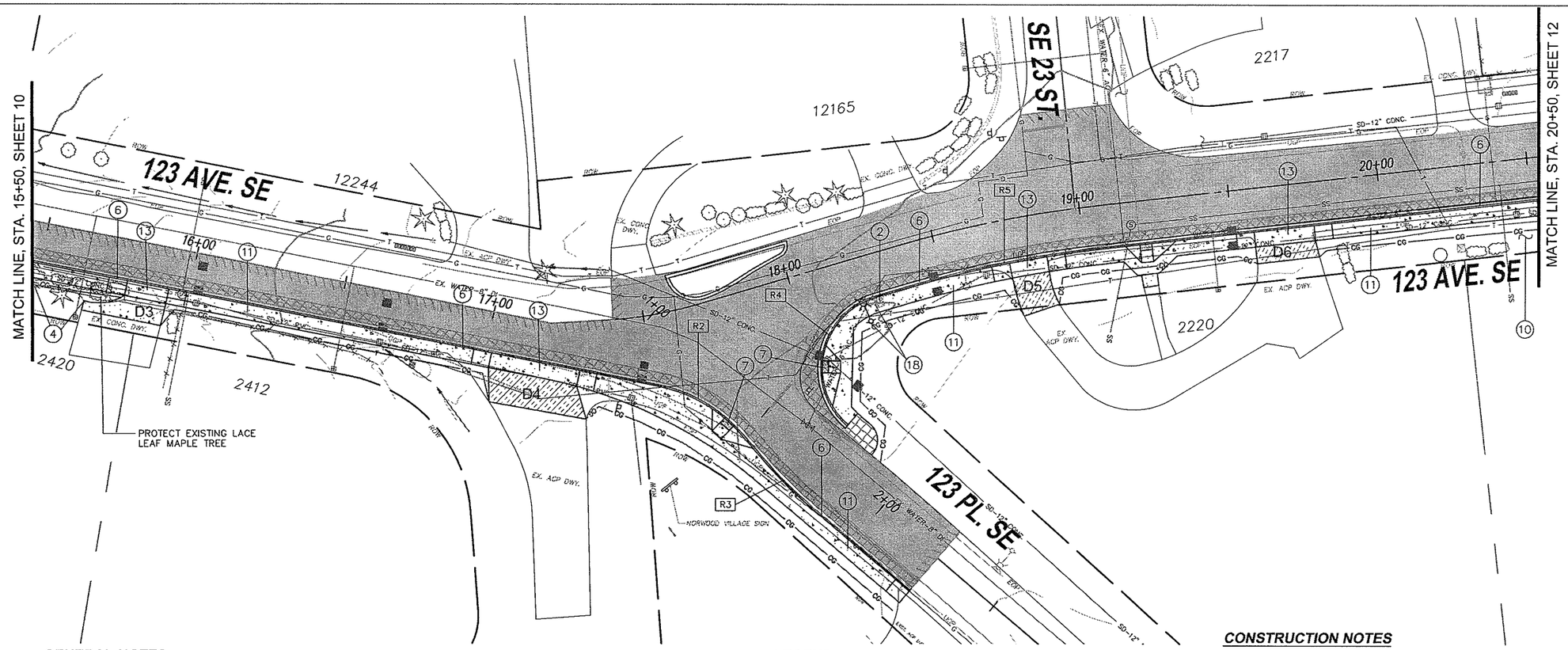
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

ROADWAY & PAVING PLAN
STA. 10+00 TO 15+50

SHT 11 OF 39



GENERAL NOTES

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5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
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TRAFFIC CONTROL NOTES

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LEGEND

- APPROX. CLEAR AND GRUBB LIMITS
- GRAVITY BLOCK WALL
- HMA DRIVEWAY
- HMA PATCH BACK TO PROP. CURB & GUTTER
- 2" GRIND AND OVERLAY
- NEW CONCRETE
- PAVING LIMIT

CURVE DATA

Curve No.	PC Station/Offset	PT Station/Offset	Radius	Length	Delta	Tangent
R2	17+51.57, 23.25' R	17+70.88, 45.31' R	50.00	32.81'	37d35'49"	32.22'
R3	17+75.82, 56.04' R	17+86.91, 75.96' R	150.00	22.82'	8d43'1"	22.80'
R4	18+05.15, 52.78' R	18+26.01, 14.00' R	25.00	53.87'	123d27'2"	44.03'
R5	18+36.59, 14.00' R	19+06.65, 14.00' R	386.00	67.61'	10d2'7"	67.52'

CONSTRUCTION NOTES

1. CONSTRUCT GRAVITY BLOCK WALL PER DETAILS AND PROFILES, SHEET 38.
2. ADJUST JUNCTION BOX TO GRADE.
3. ADJUST MONUMENT CASE AND COVER TO FINISHED GRADE PER COB STD. DWG. NO. DEV-12.
4. REMOVE AND RELOCATE FENCE PER DIRECTION OF THE ENGINEER.
5. RELOCATE MAILBOX STRUCTURES AND MAILBOXES PER DETAILS ON SHEET 4.
6. CONSTRUCT CEMENT CONCRETE CURB AND GUTTER PER COB STD DWG NO. TE-10. PATCH BACK TO EXISTING PAVEMENT WITH 8" HMA Cl. 1/2" PG 64-22.
7. CONSTRUCT CEMENT CONCRETE SIDEWALK RAMP TYPE 1A PER COB STD. DWG. NO. TE-12A & TE-12B AND DETAILS SHEET 20.
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19. INSTALL NEW STREET LIGHT POLE AND LUMINAIRE BY PUGET SOUND ENERGY.
20. INSTALL TOPSOIL TYPE A, 4" DEPTH.
21. INSTALL BARK MULCH OR LAWN SEED TO BEST MATCH EXISTING CONDITIONS.
22. CONSTRUCT 12' DIAMETER TRAFFIC CIRCLE, PER DETAILS ON SHEET 5. CENTER OF CIRCLE = STA. 25+52.02, 2.50' L.
23. CONSTRUCT RAISED MEDIAN/CURB EXTENSION PER DETAIL ON SHEET 5.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
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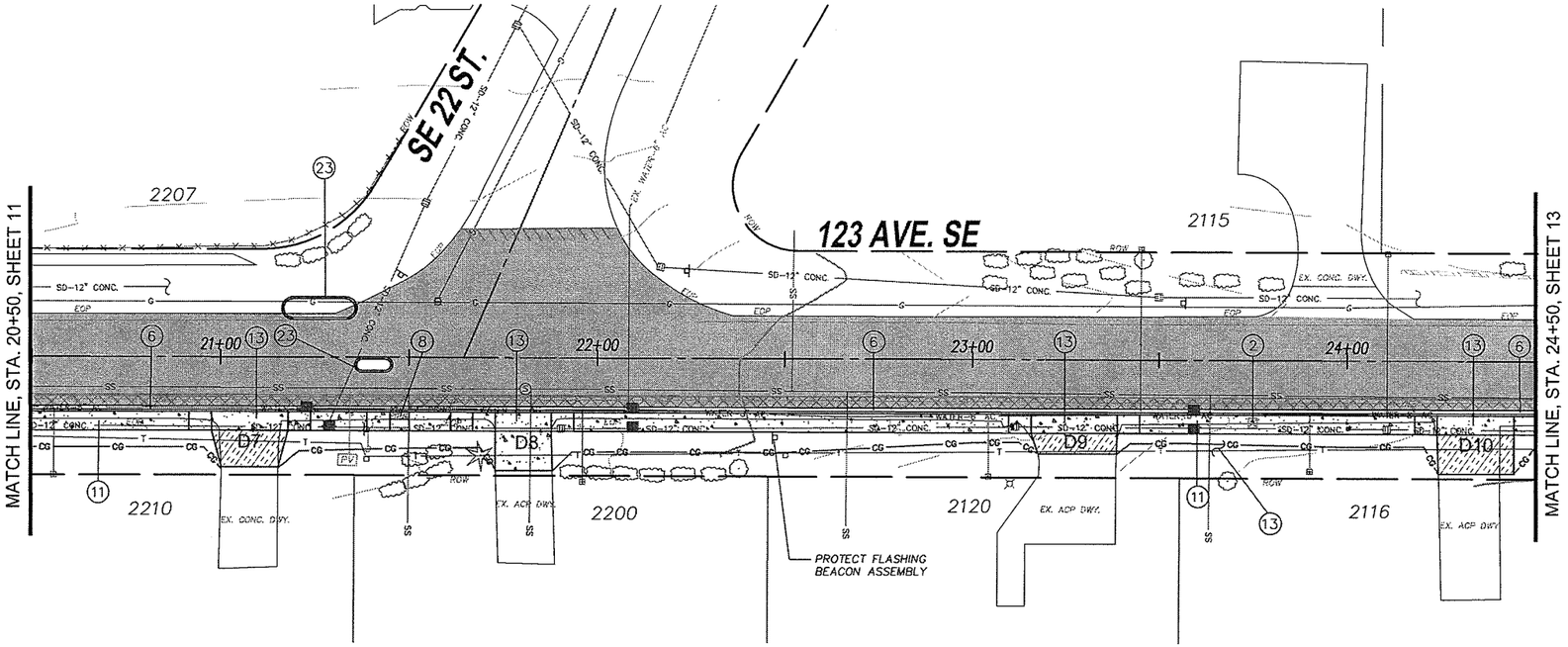
City of Bellevue
Transportation Department

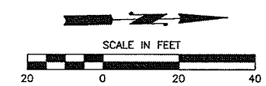
CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

ROADWAY & PAVING PLAN
STA. 15+50 TO 20+50

SHT 12 OF 39





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ROADWAY & PAVING PLAN
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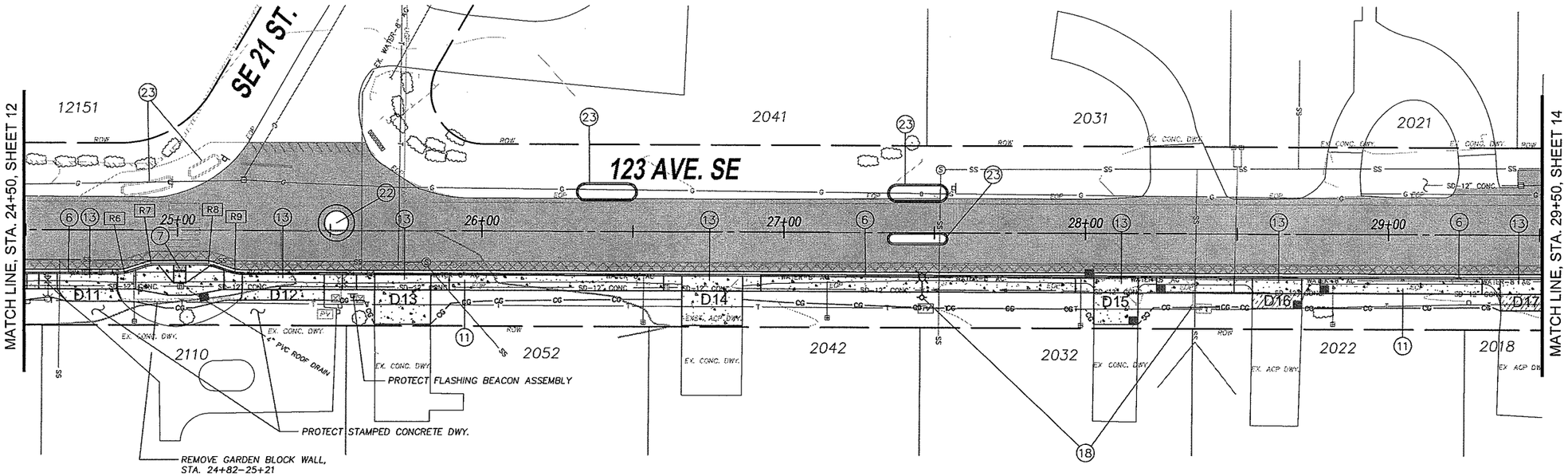
SHT 13 OF 39



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- HMA DRIVEWAY
- HMA PATCH BACK TO PROP. CURB & GUTTER
- 2" GRIND AND OVERLAY
- NEW CONCRETE
- PAVING LIMIT

CURVE DATA

Curve No.	PC Station/Offset	PT Station/Offset	Radius	Length	Delta	Tangent
R6	24+80.61, 14.00' R	24+83.77, 13.49' R	10.00	3.22'	18d26'6"	3.20'
R7	24+89.70, 11.51' R	24+92.86, 11.00' R	10.00	3.22'	18d26'6"	3.20'
R8	25+08.67, 11.00' R	25+11.84, 11.51' R	10.00	3.22'	18d26'6"	3.20'
R9	25+17.76, 13.49' R	25+20.92, 14.00' R	10.00	3.22'	18d26'6"	3.20'

NO.	DATE	BY	APPR.	REVISIONS

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PROJECT MANAGER — DATE
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MR 6/15 DESIGNED BY DATE
MR 6/15 DRAWN BY DATE
CM 6/15 CHECKED BY DATE

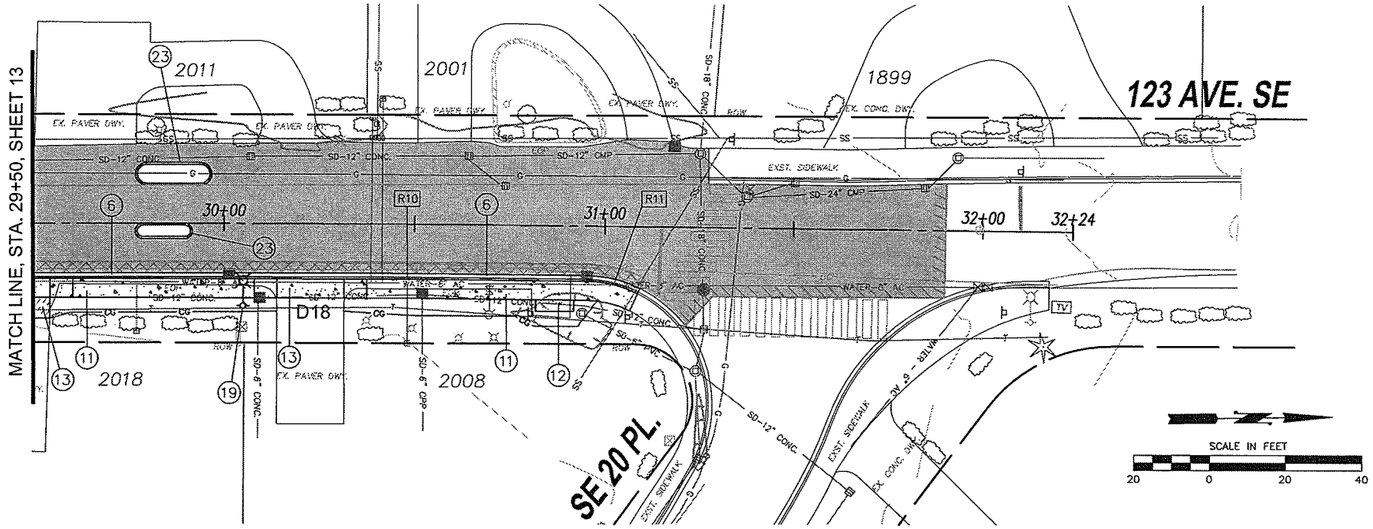
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

ROADWAY & PAVING PLAN
STA. 24+50 TO 29+50

SHT 14 OF 39



GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. FOR ADDITIONAL CLARITY OF EXISTING UTILITY LOCATIONS, SEE TYPICAL SECTIONS ON SHEET 3.
3. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.
4. THE CONTRACTOR SHALL MAINTAIN 11' FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
6. FOR UTILITY PLANS (STORM, WATER AND SEWER), SEE SHEETS 21-25.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.
3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

CONSTRUCTION NOTES

1. CONSTRUCT GRAVITY BLOCK WALL PER DETAILS AND PROFILES, SHEET 13.
2. ADJUST JUNCTION BOX TO GRADE.
3. ADJUST MONUMENT CASE AND COVER TO FINISHED GRADE PER COB STD. DWG. NO. DEV-12.
4. REMOVE AND RELOCATE FENCE PER DIRECTION OF THE ENGINEER.
5. RELOCATE MAILBOX STRUCTURES AND MAILBOXES PER DETAILS ON SHEET 4.
6. CONSTRUCT CEMENT CONCRETE CURB AND GUTTER PER COB STD DWG NO. TE-10. PATCH BACK TO EXISTING PAVEMENT WITH 8" HMA Cl. 1/2" PG 64-22.
7. CONSTRUCT CEMENT CONCRETE SIDEWALK RAMP TYPE 1A PER COB STD. DWG. NO. TE-12A & TE-12B AND DETAILS SHEET 20.
8. CONSTRUCT CEMENT CONCRETE SIDEWALK RAMP TYPE 2A PER COB STD. DWG. NO. TE-12A & TE-12C AND DETAILS SHEET 20.
9. PRUNE TREE ROOTS PER DIRECTION OF THE ENGINEER.
10. INSTALL ROOT BARRIER PER DIRECTION OF THE ENGINEER.
11. CONSTRUCT CONCRETE SIDEWALK, 5" DEPTH, OVER 4" CSTC PER TYPICAL SECTION DETAILS, SHEET 3.
12. CONSTRUCT CEMENT CONCRETE BUS STOP PAD 3' WIDE, 10' LONG, 5" DEPTH CEMENT CONCRETE.
13. CONSTRUCT CONCRETE DRIVEWAY APPROACH TYPE 1 AND DRIVEWAY. FOR DRIVEWAY SCHEDULE, DETAILS AND PROFILES SEE SHEETS 16-19.
14. CONSTRUCT CEMENT CONCRETE WALKWAY, 5" DEPTH, OVER 4" CSTC PER DIRECTION OF THE ENGINEER.
15. GRIND EXISTING PAVEMENT TO A DEPTH OF 2". OVERLAY WITH 2" HMA Cl. 1/2" PG 64-22.
16. CONSTRUCT 6' WOOD FENCE PER DETAIL, SHEET 4.
17. NOT USED THIS SHEET.
18. RELOCATE EXISTING POLE AND LUMINAIRE BY PUGET SOUND ENERGY.
19. INSTALL NEW STREET LIGHT POLE AND LUMINAIRE BY PUGET SOUND ENERGY.
20. INSTALL TOPSOIL TYPE A, 4" DEPTH.
21. INSTALL BARK MULCH OR LAWN SEED TO BEST MATCH EXISTING CONDITIONS.
22. CONSTRUCT 12' DIAMETER TRAFFIC CIRCLE, PER DETAILS ON SHEET 5. CENTER OF CIRCLE = STA. 25+52.02, 2.50' L.
23. CONSTRUCT RAISED MEDIAN/CURB EXTENSION PER DETAIL ON SHEET 5.

LEGEND

- APPROX. CLEAR AND GRUBB LIMITS
- GRAVITY BLOCK WALL
- HMA DRIVEWAY
- HMA PATCH BACK TO PROP. CURB & GUTTER
- 2" GRIND AND OVERLAY
- NEW CONCRETE
- PAVING LIMIT

CURVE DATA

Curve No.	PC Station/Offset	PT Station/Offset	Radius	Length	Delta	Tangent
R10	30+44.32, 14.00' R	30+52.08, 14.00' R	986.00	7.65'	0d26'40"	7.65'
R11	30+95.24, 14.00' R	31+09.22, 17.11' R	33.00	14.44'	25d4'31"	14.33'

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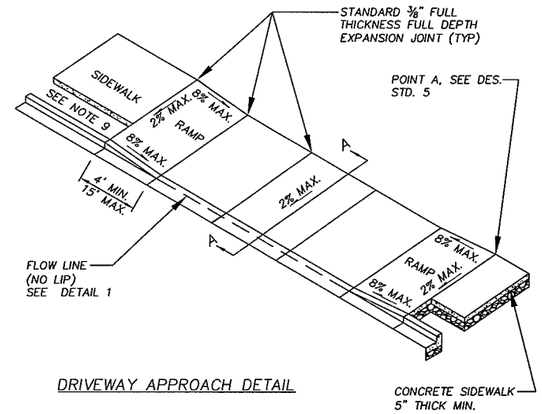
ROADWAY & PAVING PLAN
STA. 29+50 TO END PROJECT

DRIVEWAY SCHEDULE

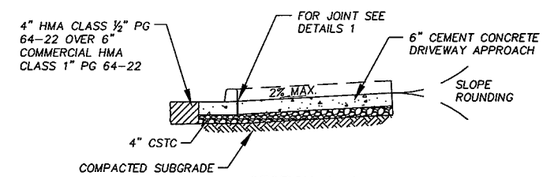
Driveway ID	Station	Approach Width @ Throat	Driveway Material	Elevation @ Gutter
D1	13+99.62	17.5'	Asphalt	261.58'
D2	15+00.40	11.9'	Asphalt	269.27'
D3	15+86.09	14.0'	Concrete	275.96'
D4	17+16.85	29.7'	Asphalt	286.99'
D5	18+80.31	12.5'	Asphalt	291.18'
D6	19+67.21	20.0'	Asphalt	293.14'
D7	21+07.89	20.3'	Asphalt	295.15'
D8	21+80.33	14.9'	Concrete	297.25'
D9	23+27.41	23.0'	Asphalt	304.28'
D10	24+34.27	20.3'	Asphalt	308.15'
D11	24+70.33	19.8'	Concrete	308.96'
D12	25+34.69	26.8'	Concrete	309.97'
D13	25+73.99	18.5'	Concrete	310.31'
D14	26+76.15	20.3'	Concrete	308.24'
D15	28+10.19	14.7'	Concrete	304.32'
D16	28+63.27	16.4'	Asphalt	302.98'
D17	29+45.73	17.4'	Asphalt	301.75'
D18	30+22.77	17.7'	Pavers	270.62'



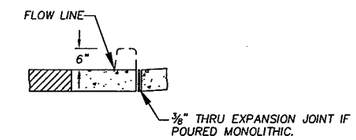
DRIVEWAY APPROACH DETAIL

NOTES

1. DRIVEWAYS SHALL BE ACCESSIBLE AT ALL TIMES.
2. ALL JOINTS SHALL BE CLEANED AND EDGED.
3. CONCRETE SHALL BE A CLASS 4000 P.C.C. MIX WITH A COMPRESSIVE STRENGTH OF 3000 PSI WITHIN 3 DAYS (CURB, GUTTER, DRIVEWAY APPROACH, RAMPS AND ALL OTHER ITEMS SPECIFIED BY THE ENGINEER).
4. CONCRETE PAVEMENT SHALL BE BRUSHED TRANSVERSELY WITH A FIBER OR WIRE BRUSH OF A TYPE APPROVED BY THE ENGINEER.
5. ⅜" THRU EXPANSION JOINTS SHALL BE PLACED AT BACK, SIDES AND FRONT. MAXIMUM EXPANSION JOINT SPACING IS 14' CENTER TO CENTER.



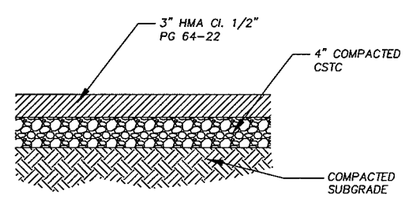
SECTION A–A



DETAIL 1

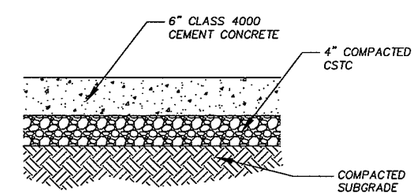
DRIVEWAY APPROACH DETAIL

NOT TO SCALE



TYPICAL ASPHALT DRIVEWAY SECTION

NOT TO SCALE



TYPICAL CONCRETE DRIVEWAY SECTION

NOT TO SCALE

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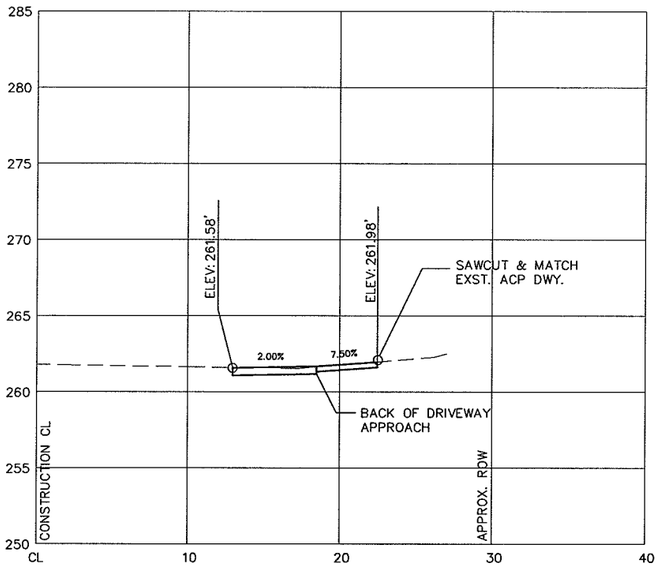
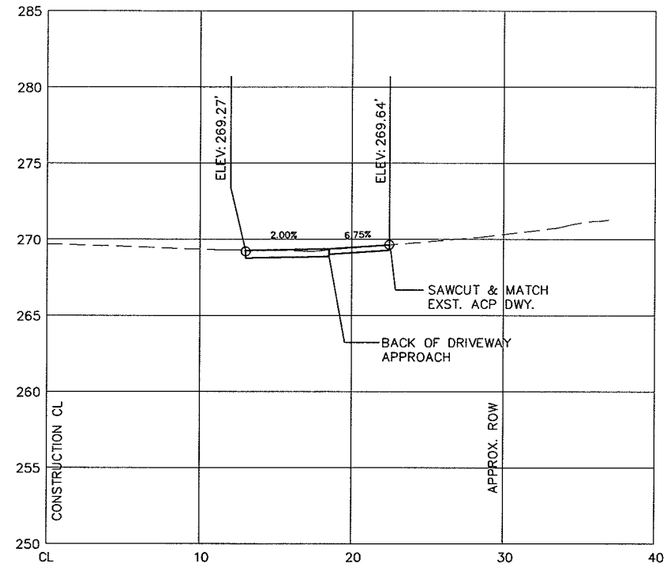
ADA RAMP DETAILS

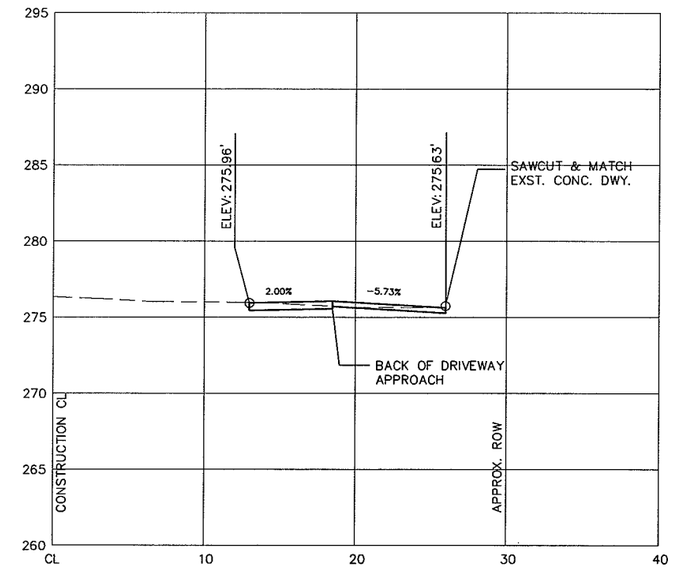
SHT 16 OF 39



DRIVEWAY PROFILE D1
STA. 13+99.62

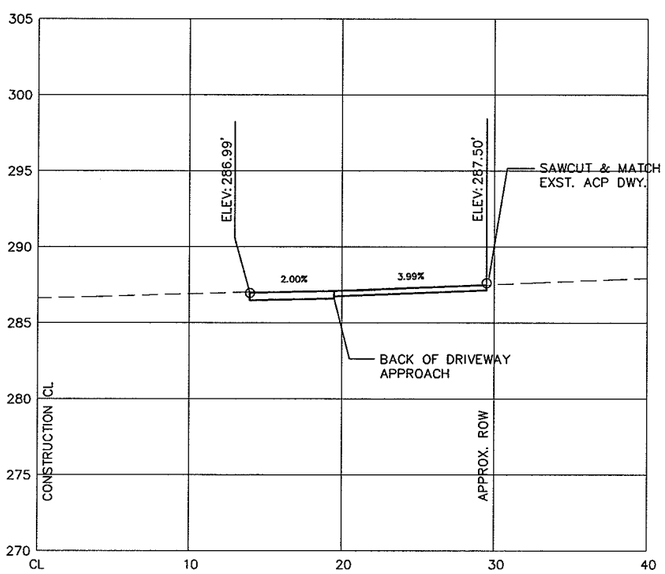


DRIVEWAY PROFILE D2
STA. 15+00.40

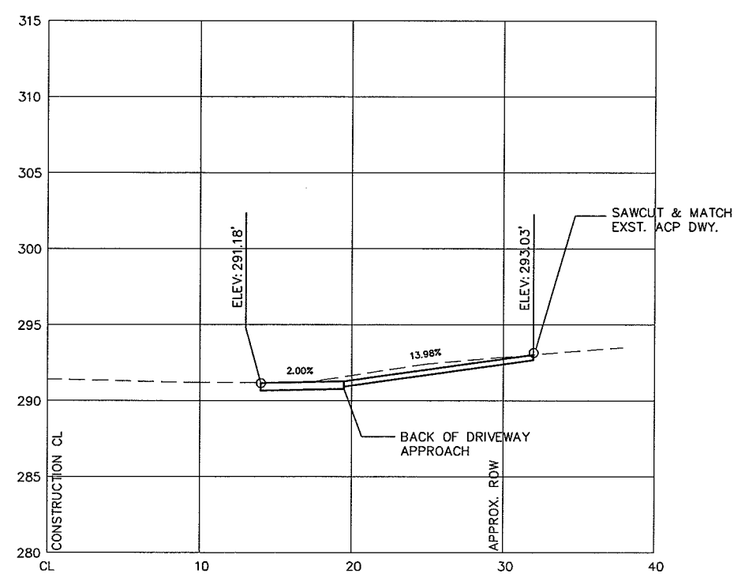


DRIVEWAY PROFILE D3
STA. 15+86.09

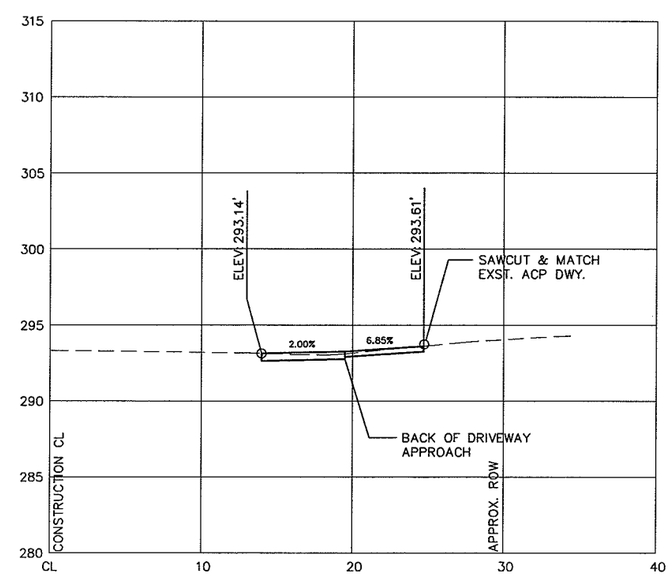
HORIZONTAL/VERTICAL SCALE IN FEET



DRIVEWAY PROFILE D4
STA. 17+16.85



DRIVEWAY PROFILE D5
STA. 18+80.31



DRIVEWAY PROFILE D6
STA. 19+67.21

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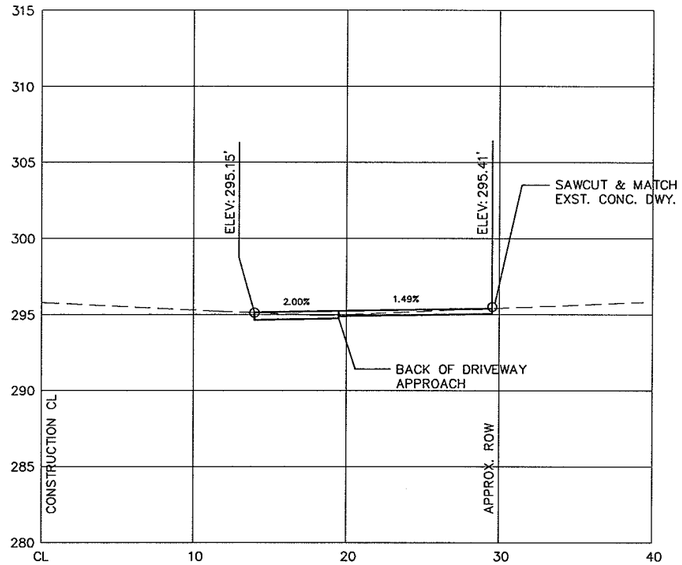
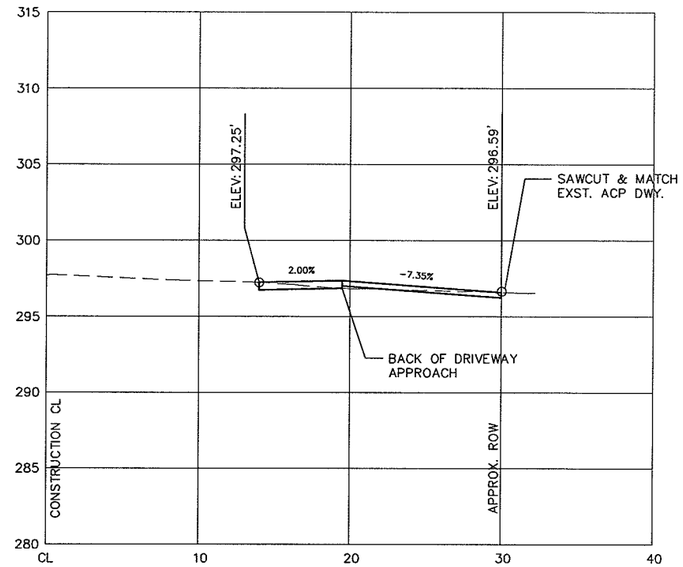
TRANSPORTATION DEPARTMENT OVERLAYS

DRIVEWAY PROFILES

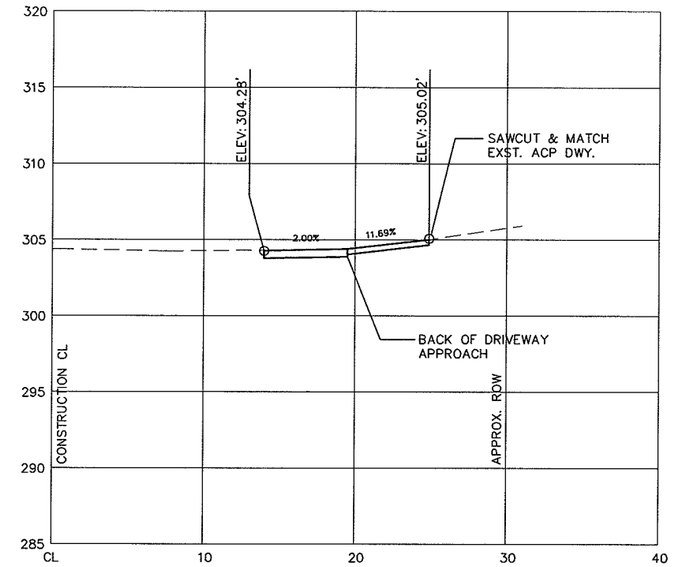
SHT 17 OF 39



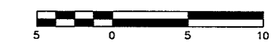
DRIVEWAY PROFILE D7
STA. 21+07.89



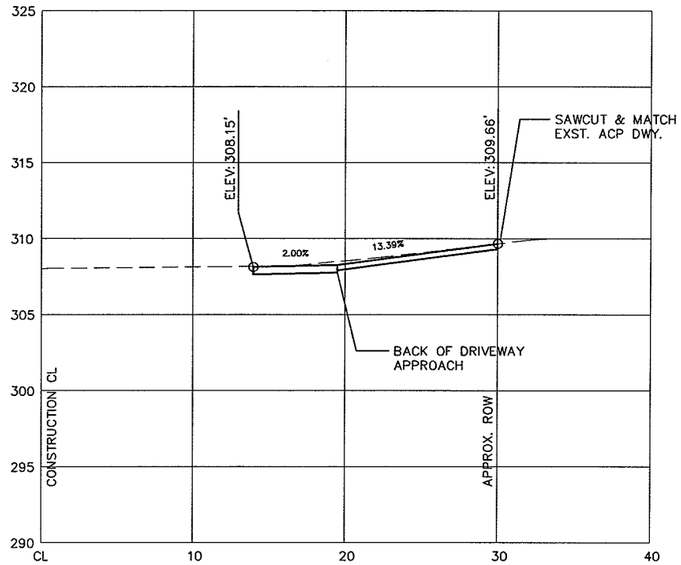
DRIVEWAY PROFILE D8
STA. 21+80.33



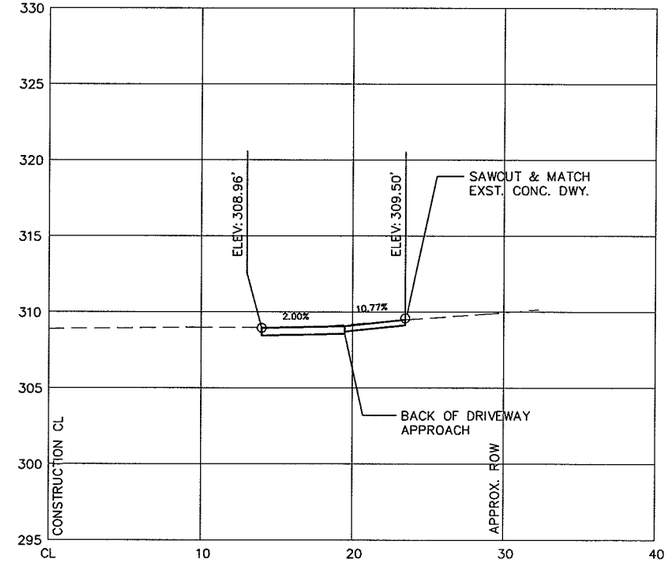
DRIVEWAY PROFILE D9
STA. 23+27.41



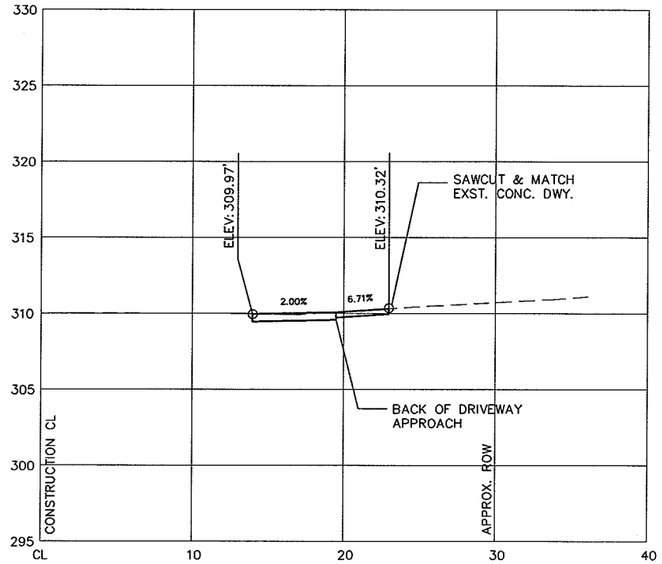
HORIZONTAL/VERTICAL SCALE IN FEET



DRIVEWAY PROFILE D10
STA. 24+34.27



DRIVEWAY PROFILE D11
STA. 24+70.33



DRIVEWAY PROFILE D12
STA. 25+34.69

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City of Bellevue
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CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45656 — REGISTERED PROFESSIONAL ENGINEER

TRANSPORTATION DEPARTMENT OVERLAYS

DRIVEWAY PROFILES

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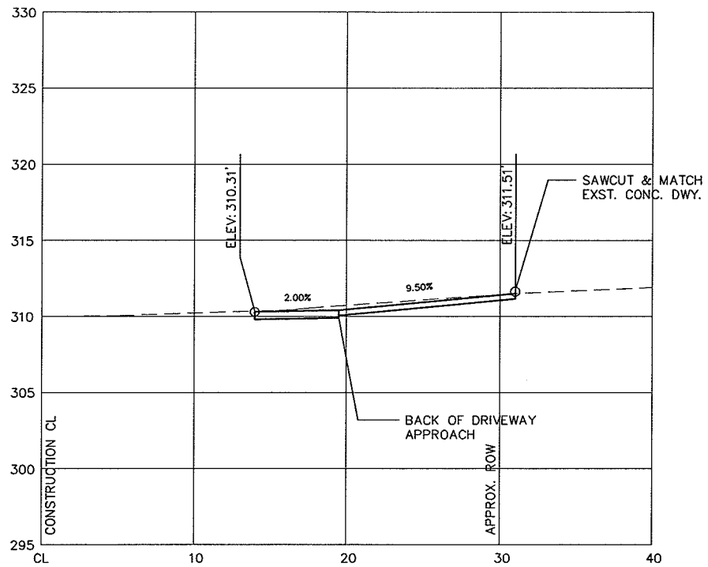
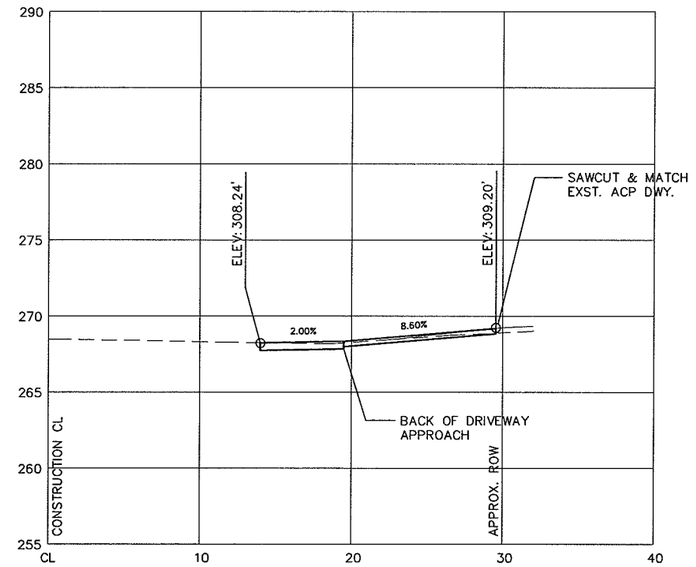


DRIVEWAY PROFILE D13
STA. 25+73.99



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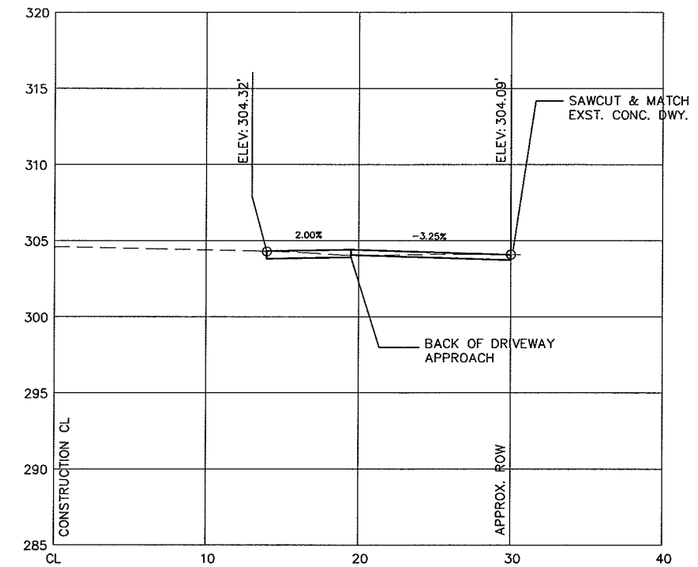
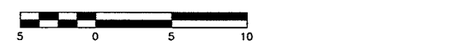
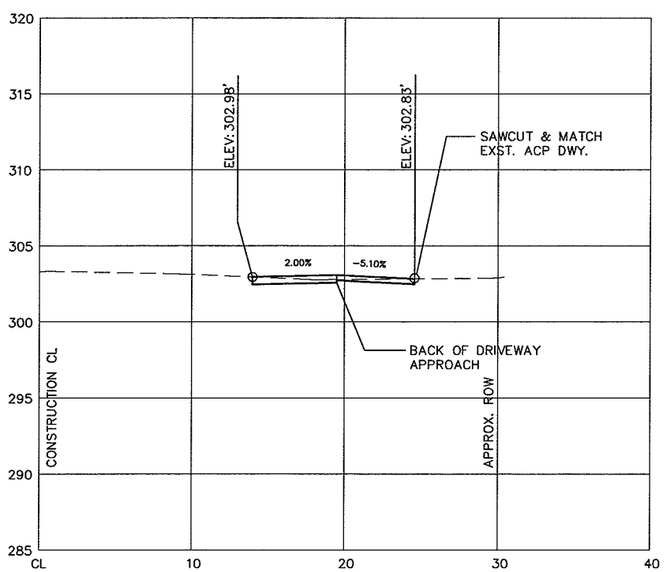
STA. 26+76.15



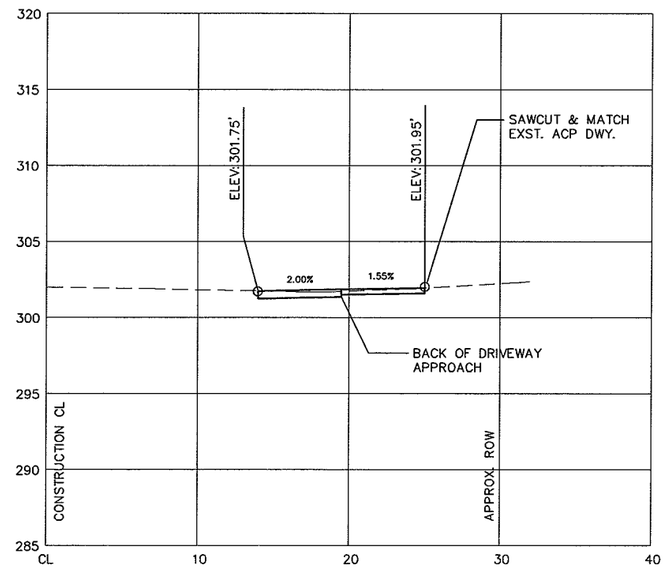
DRIVEWAY PROFILE D15
STA. 28+10.19



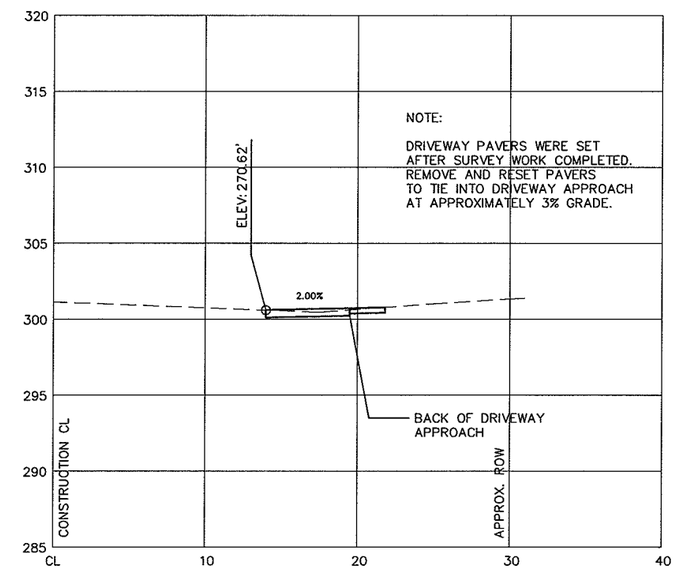
HORIZONTAL/VERTICAL SCALE IN FEET



DRIVEWAY PROFILE D16
STA. 28+63.27



DRIVEWAY PROFILE D17
STA. 29+45.73



DRIVEWAY PROFILE D18
STA. 30+22.77

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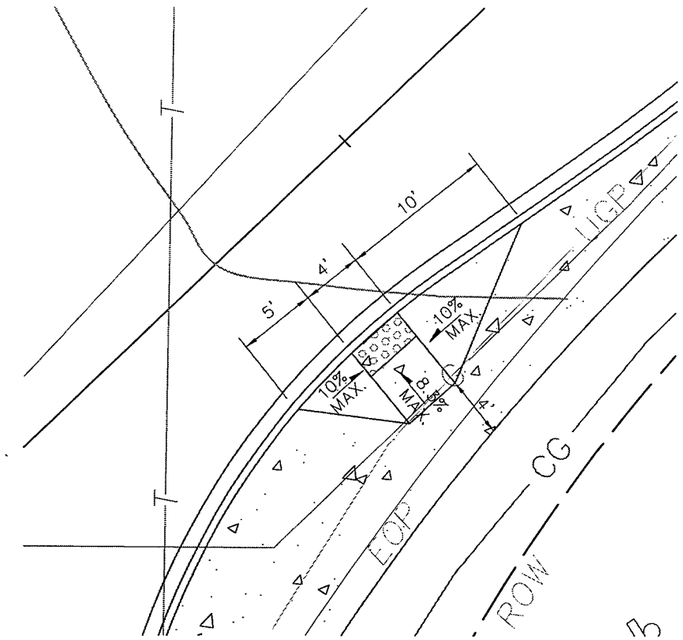
CHRISTOPHER A. MASEK
STATE OF WASHINGTON
45856
REGISTERED
PROFESSIONAL ENGINEER

TRANSPORTATION DEPARTMENT OVERLAYS

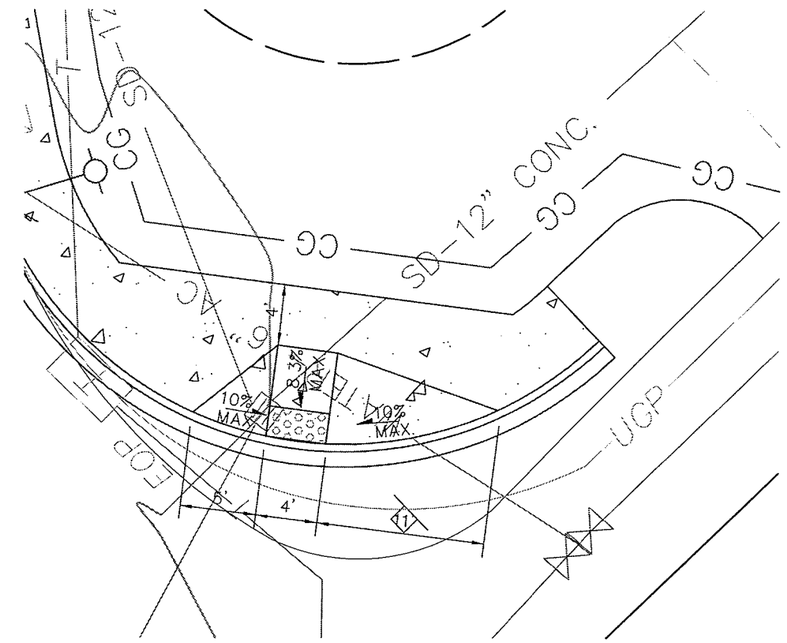
DRIVEWAY PROFILES

SHT 19 OF 39

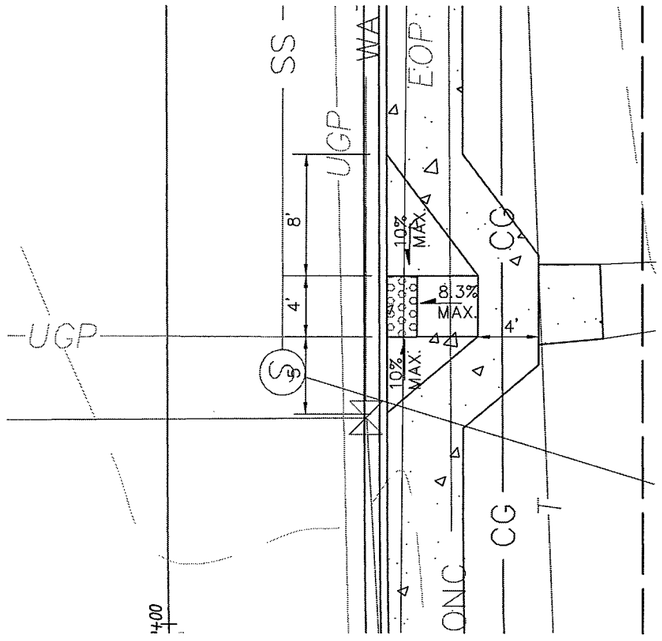
STA. 15+28, TYPE 2A RAMP DETAIL



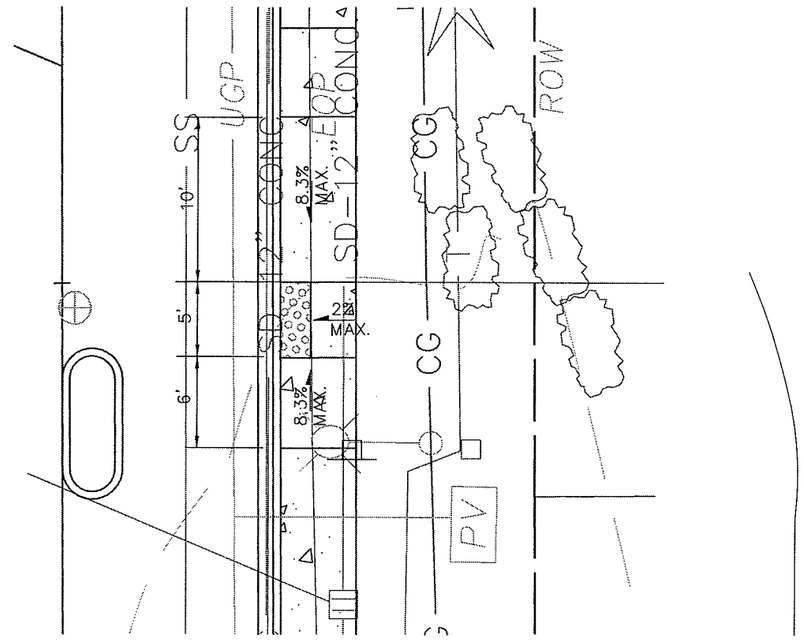
STA. 17+68, TYPE 1A RAMP DETAIL



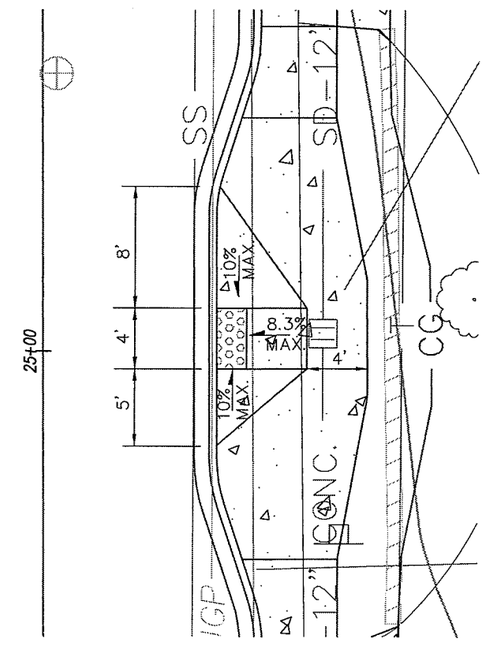
STA. 18+03, TYPE 1A RAMP DETAIL



STA. 19+21, TYPE 2A RAMP DETAIL



STA. 21+47, TYPE 2A RAMP DETAIL



STA. 25+01, TYPE 1A RAMP DETAIL

SCALE IN FEET

5 0 5 10

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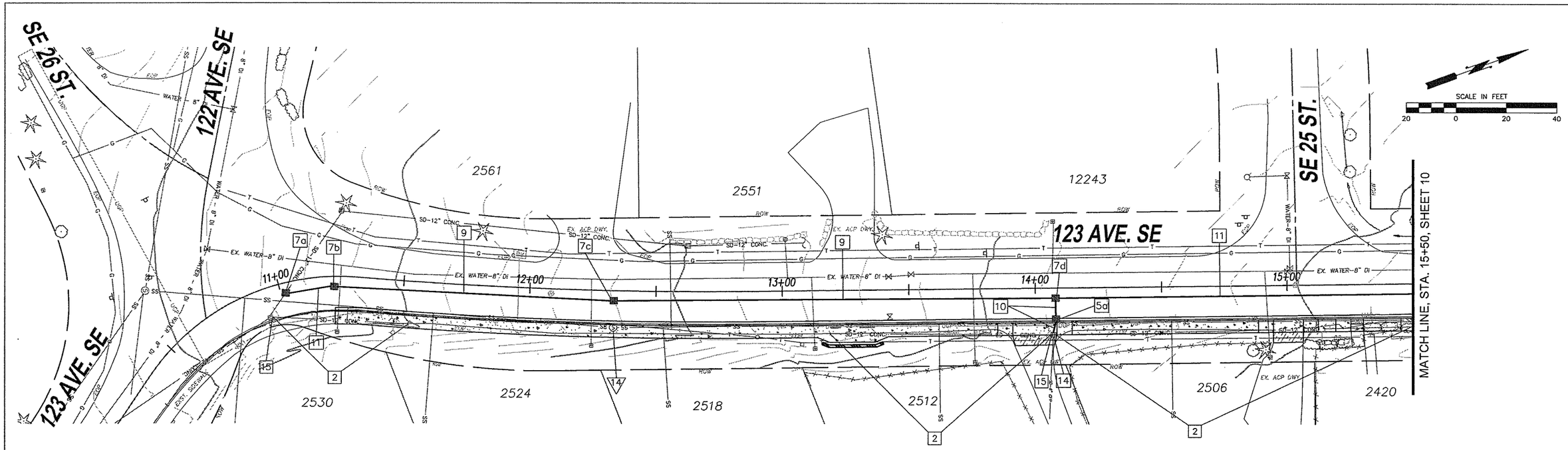
ADA RAMP DETAILS

SHT 20 OF 39



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4. THE CONTRACTOR SHALL MAINTAIN 11' FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
6. FOR ROADWAY AND PAVING PLANS, SEE SHEETS 11-15.
7. FOR UTILITY TRENCH RESTORATION, IN ROADWAY, USE HMA CLASS ½" 8" DEPTH.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.
3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

WATER GENERAL NOTES

SEE SHEET 3 FOR WATER GENERAL NOTES.

DRAINAGE NOTES

1. REMOVE EXISTING CATCH BASIN, FRAME, AND COVER.
2. REMOVE EXISTING STORM SEWER PIPE.
3. NOT USED THIS SHEET.
5. PROVIDE AND INSTALL CATCH BASIN TYPE I WITH A LOCKING FRAME AND VANED GRATE PER COB STD. DWG. NO. D-2, D-6, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.
   a. STA.14+08.05, 12.25' R
      RIM EL=262.27
      IE IN=258.77 8" PVC (E)
      IE OUT=258.56 8" PVC (W)
7. PROVIDE AND INSTALL CATCH BASIN TYPE I-L WITH A LOCKING RING AND ROUND COVER PER COB STD. DWG. NO. D-3, D-22. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-15, D-23.
   a. STA.11+02.02, 4.0' R
      RIM EL=234.96
      IE IN=232.14 12" DIP (NE)
      IE IN=232.04 12" EX. CONC (NW)
      IE OUT=232.04 12" EX. CONC (SE)
   b. STA. 11+22.07, 4.0' R
      RIM EL=237.15
      IE IN=233.02 12" PVC (N)
      IE OUT=232.92 12" DIP (SW)
   c. STA. 12+33.25, 4.0' R
      RIM EL=247.98
      IE IN=243.84 12" PVC (N)
      IE OUT=243.74 12" PVC (S)
   d. STA. 14+07.93, 4.0' R
      RIM EL=262.40
      IE IN=2559.69 12" DIP (N)
      IE IN=258.40 8" PVC (E)
      IE OUT=258.07 12" PVC (S)
9. PROVIDE AND INSTALL 12" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
10. PROVIDE AND INSTALL 8" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
11. PROVIDE AND INSTALL 12" DUCTILE IRON STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
12. PROVIDE AND INSTALL 8" DUCTILE IRON STORM SEWER PIPE PER COB STD. DWG. NO. D-25 & D-46.
14. ADJUST EXST. CATCH BASIN TO FINISHED GRADE WITH A LOCKING FRAME AND SOLID COVER PER COB STD. DWG. NO. D-2, D-8, D-9, D-23.
15. PLUG EXISTING CB.

WATER AND SANITARY SEWER NOTES

14. RESECTION SANITARY SEWER MANHOLE & ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. S-9. ROTATE FLAT TOP MANHOLE COVER SO THAT MANHOLE LID IS LOCATED ENTIRELY WITHIN SIDEWALK. REMOVE EXISTING LADDER, INSTALL NEW LADDER ON EAST SIDE OF MANHOLE/RISER PER DIRECTION OF THE ENGINEER.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

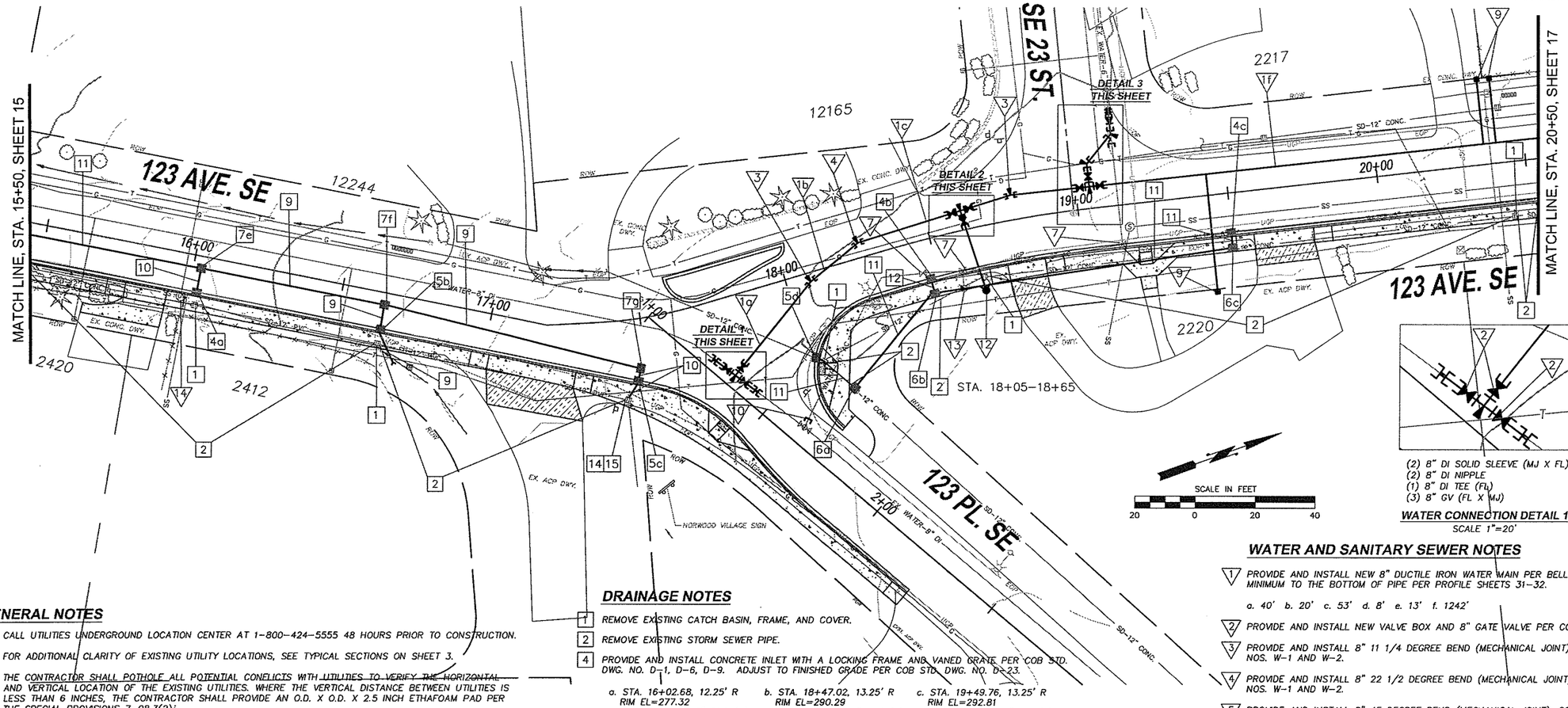
City of Bellevue
Transportation Department

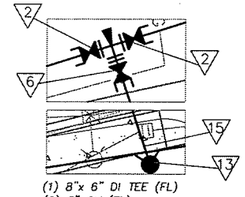
CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

UTILITY PLAN
STA. 10+00 TO 15+50

SHT 21 OF 39



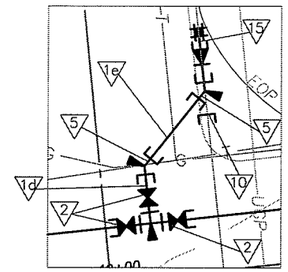


(1) 8"x 6" DI TEE (FL)
(2) 8" GV (FL)
(1) 6" GV (FL x MJ)
(1) 5-1/4" M.V.O. FIRE HYDRANT ASSEMBLY PER STAND DETAIL W-13
(1) CONCRETE BLOCK

WATER CONNECTION DETAIL 2
SCALE 1"=20'

(2) 8" DI SOLID SLEEVE (MJ X FL)
(2) 8" DI NIPPLE
(1) 8" DI TEE (FL)
(3) 8" GV (FL X MJ)

WATER CONNECTION DETAIL 1
SCALE 1"=20'



(1) 8" DI TEE (FL)
(2) 8" GV (FL X MJ)
(1) 8" GV (FL)
(1) 8"X6" REDUCER, DI (FL X MJ)
(1) 6" ADAPTER, DI (FL X MJ)

WATER CONNECTION DETAIL 3
SCALE 1"=20'

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. FOR ADDITIONAL CLARITY OF EXISTING UTILITY LOCATIONS, SEE TYPICAL SECTIONS ON SHEET 3.
3. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.
4. THE CONTRACTOR SHALL MAINTAIN 11' FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
6. FOR ROADWAY AND PAVING PLANS, SEE SHEETS 11-15.
7. FOR UTILITY TRENCH RESTORATION, IN ROADWAY, USE HMA CLASS ½" 8" DEPTH.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.
3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

GENERAL WATER NOTES

SEE SHEET 3 FOR WATER GENERAL NOTES.

DRAINAGE NOTES

1. REMOVE EXISTING CATCH BASIN, FRAME, AND COVER.
2. REMOVE EXISTING STORM SEWER PIPE.
4. PROVIDE AND INSTALL CONCRETE INLET WITH A LOCKING FRAME AND VANED GRATE PER COB STD. DWG. NO. D-1, D-6, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.
   - a. STA. 16+02.68, 12.25' R, RIM EL=277.32, IE OUT=274.65 8" PVC (W)
   - b. STA. 18+47.02, 13.25' R, RIM EL=290.29, IE OUT=288.60 8" PVC (E)
   - c. STA. 19+49.76, 13.25' R, RIM EL=292.81, IE OUT=290.27 8" DIP (E)
5. PROVIDE AND INSTALL CATCH BASIN TYPE I WITH A LOCKING FRAME AND VANED GRATE PER COB STD. DWG. NO. D-2, D-6, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.
   - b. STA. 16+64.97, 12.25' R, RIM EL=283.24, IE IN=281.20 12" PVC (E), IE OUT=280.24 12" PVC (W)
   - c. STA. 17+46.17, 24.23' R, RIM EL=288.39, IE IN=285.37 8" PVC (E), IE OUT=285.37 8" PVC (W)
   - d. STA. 18+02.93, 27.72' R, RIM EL=290.02, IE IN=287.98 12" DIP (NE), IE OUT=288.00 12" EX. CONC (SW)
6. PROVIDE AND INSTALL CATCH BASIN TYPE I WITH A LOCKING RING AND SOLID COVER PER COB STD. DWG. NO. D-2, D-8, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.
   - a. STA. 18+12.27, 40.96' R, RIM EL=290.95, IE IN=288.14 12" DIP (NW), IE IN=288.14 12" EX. CONC (NE), IE OUT=288.14 12" DIP (SW)
   - b. STA. 18+47.02, 18.25' R, RIM EL=290.85, IE IN=288.55 12" DIP (N), IE OUT=288.55 12" DIP (SE)
   - c. STA. 19+49.76, 18.25' R, RIM EL=293.37, IE IN=290.22 8" DIP (W), IE OUT=289.55 12" DIP (S)
7. PROVIDE AND INSTALL CATCH BASIN TYPE I-L WITH A LOCKING RING AND ROUND COVER PER COB STD. DWG. NO. D-3, D-22. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-15, D-23.
   - e. STA. 16+02.67, 4.0' R, RIM EL=277.68, IE IN=273.50 12" PVC (N), IE IN=274.49 8" PVC (E), IE OUT=273.13 12" PVC (S)
   - f. STA. 16+64.72, 4.0' R, RIM EL=283.46, IE IN=279.34 12" PVC (N), IE IN=280.08 12" PVC (E), IE OUT=279.05 12" PVC (S)
   - g. STA. 17+47.81, 17.44' R, RIM EL=288.34, IE IN=285.29 8" PVC (E), IE OUT=284.15 12" PVC (S)
9. PROVIDE AND INSTALL 12" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
10. PROVIDE AND INSTALL 8" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
11. PROVIDE AND INSTALL 12" DUCTILE IRON STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
12. PROVIDE AND INSTALL 8" DUCTILE IRON STORM SEWER PIPE PER COB STD. DWG. NO. D-25 & D-46.
14. ADJUST EXST. CATCH BASIN TO FINISHED GRADE WITH A LOCKING FRAME AND SOLID COVER PER COB STD. DWG. NO. D-2, D-8, D-9, D-23.
15. PLUG EXISTING CB.

WATER AND SANITARY SEWER NOTES

1. PROVIDE AND INSTALL NEW 8" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE PER PROFILE SHEETS 31-32.
   a. 40' b. 20' c. 53' d. 8' e. 13' f. 1242'
2. PROVIDE AND INSTALL NEW VALVE BOX AND 8" GATE VALVE PER COB STD. DWG. NO W-11.
3. PROVIDE AND INSTALL 8" 11 1/4 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
4. PROVIDE AND INSTALL 8" 22 1/2 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
5. PROVIDE AND INSTALL 8" 45 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
6. PROVIDE AND INSTALL NEW VALVE BOX AND 6" GATE VALVE PER COB STD. DWG. NO W-11.
7. REMOVE EXISTING 6" OR 8" GATE VALVE.
8. REMOVE EXISTING 6" OR 8" GATE VALVES AND 6 OR 8" AC MAIN PIPE AS NEEDED AND AND CONNECT NEW 8" DI WATER MAIN TO EXISTING MAIN WITH TO NEW TEE WITH THREE 8" GATE VALVES PER COB STD. DWG. NO W-11.
9. LOCATE AND EXPOSE EXISTING WATER SERVICE LINE AND DETERMINE TYPE AND SIZE OF PIPE. IF 1" DIA., OR LARGER, COPPER PIPE IN GOOD CONDITION, RECONNECT EXISTING COPPER SERVICE LINE TO NEW DI WATER MAIN WITH TYPE K COPPER PIPE (MATCH EXISTING DIA.), PER STANDARD DETAILS. IF EXISTING NON-COPPER WATER SERVICE LINE, OR IF LESS THAN 1" DIA. OR IN POOR CONDITION, REPLACE WITH 1" TYPE K COPPER SERVICE LINE (MATCH EXISTING SIZE, BUT NOT LESS THAN 1" DIA.), PER STANDARD DETAILS. CRIMP OR CAP EXISTING SERVICE LINE AND ABANDON IN PLACE. IF EXISTING PIPE SERVES MORE THAN ONE WATER SERVICE, INSTALL A NEW COPPER SERVICE PIPE FOR EACH WATER SERVICE. REMOVE AND DISPOSE OF EXISTING SETTER. FURNISH AND INSTALL NEW 1-INCH SETTER PER STANDARD DETAIL NO. W-23, ITEM E OR W-24, ITEM D, WITH ADAPTERS FOR 3/4" WATER METER. CONNECT SETTER TO WATER SERVICE LINE AND CUSTOMER SERVICE LINE. AS DIRECTED BY THE CITY, RE-INSTALL EXISTING WATER METER OR INSTALL NEW 3/4" OR 1" METER SUPPLIED BY THE CITY AND RETURN EXISTING METER TO THE CITY. REMOVE AND DISPOSE OF EXISTING WATER METER BOX, FURNISH AND INSTALL NEW CARSON INDUSTRIES PLASTIC MODEL 1527-18 BCFXL BOX. NEW METER BOX SHALL BE OLYMPIC FOUNDRY SM30 IN SIDEWALKS OR AREAS WITH VEHICULAR TRAFFIC. NEW METER BOXES SHALL BE LOCATED IN PUBLIC RIGHT OF WAY.
10. ABANDON EXISTING 6" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 6" END CAP COUPLING (ROMAC EC-501).
11. ABANDON EXISTING 8" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 8" END CAP COUPLING (ROMAC EC-501).
12. PROVIDE AND INSTALL NEW HYDRANT WITH NEW CONNECTION TO WATER MAIN PER CPB STD. DWG W-13. ADJUST HYDRANT TO FINISHED GRADE.
13. REMOVE EXISTING HYDRANT
14. RESECTION SANITARY SEWER MANHOLE & ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. S-9. ROTATE FLAT TOP MANHOLE COVER SO THAT MANHOLE LID IS LOCATED ENTIRELY WITHIN SIDEWALK. REMOVE EXISTING LADDER, INSTALL NEW LADDER ON EAST SIDE OF MANHOLE/RISER PER DIRECTION OF THE ENGINEER.
15. PROVIDE AND INSTALL NEW 6" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

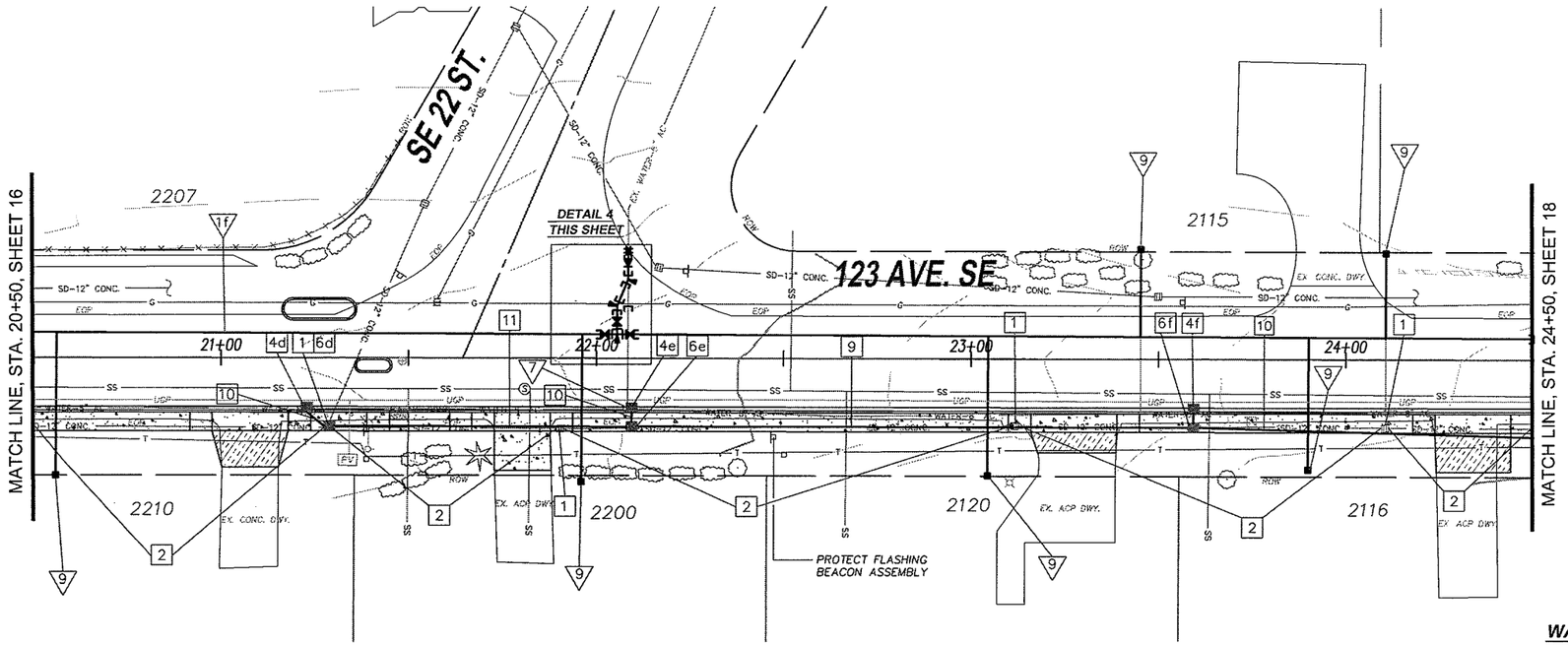
City of Bellevue
Transportation Department

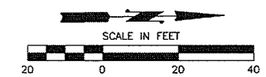
CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

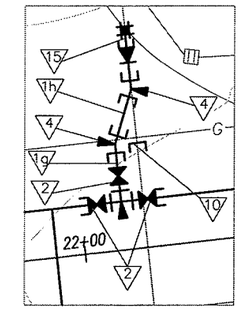
123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

UTILITY PLAN
STA. 15+50 TO 20+50

SHT 22 OF 39







(1) 8" DI TEE (FL)
(2) 8" GV (FL X MJ)
(1) 8" GV (FL)
(1) 8"X 6" REDUCER, DI (FL X MJ)
(1) 6" ADAPTER, DI (FL X MJ)

WATER CONNECTION DETAIL 4
SCALE 1"=20'

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. FOR ADDITIONAL CLARITY OF EXISTING UTILITY LOCATIONS, SEE TYPICAL SECTIONS ON SHEET 3.
3. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.
4. THE CONTRACTOR SHALL MAINTAIN 11' FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
6. FOR ROADWAY AND PAVING PLANS, SEE SHEETS 11-15.
7. FOR UTILITY TRENCH RESTORATION, IN ROADWAY, USE HMA CLASS ½" 8" DEPTH.

TRAFFIC CONTROL NOTES

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2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.
3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

GENERAL WATER NOTES

SEE SHEET 3 FOR WATER GENERAL NOTES.

DRAINAGE NOTES

1. REMOVE EXISTING CATCH BASIN, FRAME, AND COVER.
2. REMOVE EXISTING STORM SEWER PIPE.
3. NOT USED THIS SHEET.
4. PROVIDE AND INSTALL CONCRETE INLET WITH A LOCKING FRAME AND VANED GRATE PER COB STD. DWG. NO. D-1, D-6, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.

d. STA. 21+22.98, 13.25' R	e. STA. 22+09.45, 13.25' R	f. STA. 23+59.41, 13.25' R
RIM EL=295.48	RIM EL=298.51	RIM EL=305.78
IE OUT=294.11 8" DIP (NE)	IE OUT=296.00 8" PVC (E)	IE OUT=303.27 8" PVC (E)

6. PROVIDE AND INSTALL CATCH BASIN TYPE I WITH A LOCKING RING AND SOLID COVER PER COB STD. DWG. NO. D-2, D-8, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.

d. STA. 21+28.99, 18.25' R	e. STA. 22+09.45, 18.25' R	f. STA. 23+59.41, 18.25' R
RIM EL=296.21	RIM EL=299.07	RIM EL=306.34
IE IN=293.70 12" DIP (N)	IE IN=295.90 8" PVC (W)	IE IN=303.17 8" PVC (W)
IE IN=294.03 8" DIP (SW)	IE IN=295.57 12" PVC (N)	IE IN=FIELD DETERMINED (N)
IE OUT=293.70 12" EX. CONC (NW)	IE OUT=295.57 12" DIP (S)	IE OUT=302.84 12" PVC (S)

9. PROVIDE AND INSTALL 12" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
10. PROVIDE AND INSTALL 8" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
11. PROVIDE AND INSTALL 12" DUCTILE IRON STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
12. PROVIDE AND INSTALL 8" DUCTILE IRON STORM SEWER PIPE PER COB STD. DWG. NO. D-25 & D-46.

WATER AND SANITARY SEWER NOTES

1. PROVIDE AND INSTALL NEW 8" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE PER PROFILE SHEETS 31-32.

   f. 1242' g. 8' h. 8'
2. PROVIDE AND INSTALL NEW VALVE BOX AND 8" GATE VALVE PER COB STD. DWG. NO W-11.
3. PROVIDE AND INSTALL 8" 11 1/4 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
4. PROVIDE AND INSTALL 8" 22 1/2 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
5. PROVIDE AND INSTALL 8" 45 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
6. PROVIDE AND INSTALL NEW VALVE BOX AND 6" GATE VALVE PER COB STD. DWG. NO W-11.
7. REMOVE EXISTING 6" OR 8" GATE VALVE.
8. REMOVE EXISTING 6" OR 8" GATE VALVES AND 6 OR 8" AC MAIN PIPE AS NEEDED AND AND CONNECT NEW 8" DI WATER MAIN TO EXISTING MAIN WITH TO NEW TEE WITH THREE 8" GATE VALVES PER COB STD. DWG. NO W-11.
9. LOCATE AND EXPOSE EXISTING WATER SERVICE LINE AND DETERMINE TYPE AND SIZE OF PIPE. IF 1" DIA., OR LARGER, COPPER PIPE IN GOOD CONDITION, RECONNECT EXISTING COPPER SERVICE LINE TO NEW DI WATER MAIN WITH TYPE K COPPER PIPE (MATCH EXISTING DIA.), PER STANDARD DETAILS. IF EXISTING NON-COPPER WATER SERVICE LINE, OR IF LESS THAN 1" DIA. OR IN POOR CONDITION, REPLACE WITH 1" TYPE K COPPER SERVICE LINE (MATCH EXISTING SIZE, BUT NOT LESS THAN 1" DIA.), PER STANDARD DETAILS. CRIMP OR CAP EXISTING SERVICE LINE AND ABANDON IN PLACE. IF EXISTING PIPE SERVES MORE THAN ONE WATER SERVICE, INSTALL A NEW COPPER SERVICE PIPE FOR EACH WATER SERVICE. REMOVE AND DISPOSE OF EXISTING SETTER. FURNISH AND INSTALL NEW 1-INCH SETTER PER STANDARD DETAIL NO. W-23, ITEM E OR W-24, ITEM D, WITH ADAPTERS FOR 3/4" WATER METER. CONNECT SETTER TO WATER SERVICE LINE AND CUSTOMER SERVICE LINE. AS DIRECTED BY THE CITY, RE-INSTALL EXISTING WATER METER OR INSTALL NEW 3/4" OR 1" METER SUPPLIED BY THE CITY AND RETURN EXISTING METER TO THE CITY. REMOVE AND DISPOSE OF EXISTING WATER METER BOX, FURNISH AND INSTALL NEW CARSON INDUSTRIES PLASTIC MODEL 1527-18 BCFXL BOX. NEW METER BOX SHALL BE OLYMPIC FOUNDRY SM30 IN SIDEWALKS OR AREAS WITH VEHICULAR TRAFFIC. NEW METER BOXES SHALL BE LOCATED IN PUBLIC RIGHT OF WAY.
10. ABANDON EXISTING 6" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 6" END CAP COUPLING (ROMAC EC-501).
11. ABANDON EXISTING 8" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 8" END CAP COUPLING (ROMAC EC-501).
12. PROVIDE AND INSTALL NEW HYDRANT WITH NEW CONNECTION TO WATER MAIN PER CPB STD. DWG W-13. ADJUST HYDRANT TO FINISHED GRADE.
13. REMOVE EXISTING HYDRANT
14. RESECTION SANITARY SEWER MANHOLE & ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. S-9. ROTATE FLAT TOP MANHOLE COVER SO THAT MANHOLE LID IS LOCATED ENTIRELY WITHIN SIDEWALK. REMOVE EXISTING LADDER, INSTALL NEW LADDER ON EAST SIDE OF MANHOLE/RISER PER DIRECTION OF THE ENGINEER.
15. PROVIDE AND INSTALL 3 LF NEW 6" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

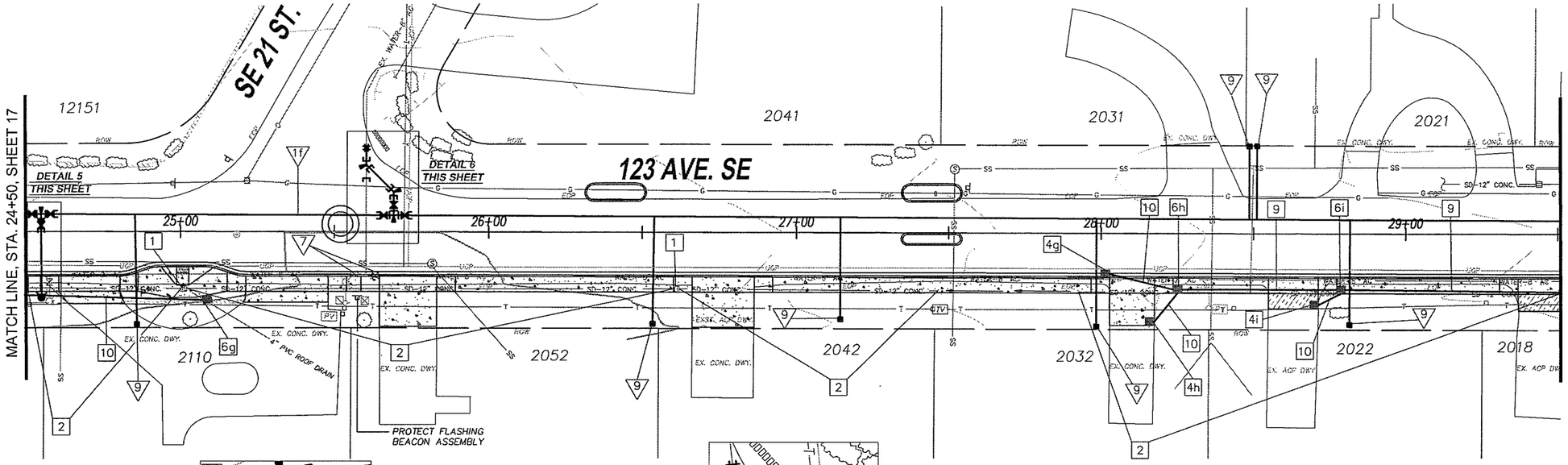
City of Bellevue
Transportation Department

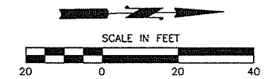
CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45858 — REGISTERED PROFESSIONAL ENGINEER

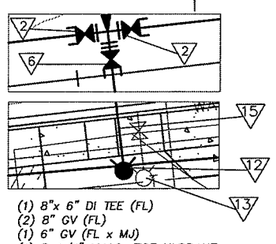
123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

UTILITY PLAN
STA. 20+50 TO 24+50

SHT 23 OF 39

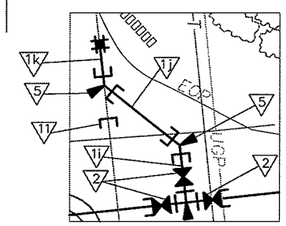






(1) 8"x 6" DI TEE (FL)
(2) 8" GV (FL)
(1) 6" GV (FL x MJ)
(1) 5-1/4" M.V.O. FIRE HYDRANT ASSEMBLY PER STAND DETAIL W-13
(1) CONCRETE BLOCK

WATER CONNECTION DETAIL 5
SCALE 1"=20'



(1) 8" DI TEE (FL)
(2) 8" GV (FL X MJ)
(1) 8" GV (FL)

WATER CONNECTION DETAIL 6
SCALE 1"=20'

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. FOR ADDITIONAL CLARITY OF EXISTING UTILITY LOCATIONS, SEE TYPICAL SECTIONS ON SHEET 3.
3. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.
4. THE CONTRACTOR SHALL MAINTAIN 11' FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
6. FOR ROADWAY AND PAVING PLANS, SEE SHEETS 11-15.
7. FOR UTILITY TRENCH RESTORATION, IN ROADWAY, USE HMA CLASS ½" 8" DEPTH.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.
3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

GENERAL WATER NOTES

SEE SHEET 3 FOR WATER GENERAL NOTES.

DRAINAGE NOTES

1. REMOVE EXISTING CATCH BASIN, FRAME, AND COVER.
2. REMOVE EXISTING STORM SEWER PIPE.
4. PROVIDE AND INSTALL CONCRETE INLET WITH A LOCKING FRAME AND VANED GRATE PER COB STD. DWG. NO. D-1, D-6, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.
   - g. STA. 28+01.41, 13.25' R RIM EL=304.56 IE OUT=301.81 8" PVC (NE)
   - h. DETERMINE LOCATION AND INVERT ELEVATIONS IN FIELD
   - i. DETERMINE LOCATION AND INVERT ELEVATIONS IN FIELD
6. PROVIDE AND INSTALL CATCH BASIN TYPE I WITH A LOCKING RING AND SOLID COVER PER COB STD. DWG. NO. D-2, D-8, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.
   - g. DETERMINE LOCATION AND INVERT ELEVATIONS IN FIELD. CONNECT TO EX. 4" PVC, CONNECT 8" PVC FROM CB 6g TO CB 6f.
   - h. STA. 28+24.99, 18.25 RT RIM EL=304.50 IE IN=301.33 8" PVC (SW) IE OUT=301.00 12" PVC (N)
   - i. STA. 28+78.87, 18.25 RT RIM EL=303.33 IE IN=299.83 12" PVC (S) IE OUT=299.83 12" PVC (N)
9. PROVIDE AND INSTALL 12" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
10. PROVIDE AND INSTALL 8" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
11. PROVIDE AND INSTALL 12" DUCTILE IRON STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.
12. PROVIDE AND INSTALL 8" DUCTILE IRON STORM SEWER PIPE PER COB STD. DWG. NO. D-25 & D-46.

WATER AND SANITARY SEWER NOTES

1. PROVIDE AND INSTALL NEW 8" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE PER PROFILE SHEETS 31-32.

   f. 1242' i. 8' j. 13' k. 6'
2. PROVIDE AND INSTALL NEW VALVE BOX AND 8" GATE VALVE PER COB STD. DWG. NO W-11.
3. PROVIDE AND INSTALL 8" 11 1/4 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
4. PROVIDE AND INSTALL 8" 22 1/2 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
5. PROVIDE AND INSTALL 8" 45 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.
6. PROVIDE AND INSTALL NEW VALVE BOX AND 6" GATE VALVE PER COB STD. DWG. NO W-11.
7. REMOVE EXISTING 6" OR 8" GATE VALVE.
8. REMOVE EXISTING 6" OR 8" GATE VALVES AND 6 OR 8" AC MAIN PIPE AS NEEDED AND AND CONNECT NEW 8" DI WATER MAIN TO EXISTING MAIN WITH TO NEW TEE WITH THREE 8" GATE VALVES PER COB STD. DWG. NO W-11.
9. LOCATE AND EXPOSE EXISTING WATER SERVICE LINE AND DETERMINE TYPE AND SIZE OF PIPE. IF 1" DIA., OR LARGER, COPPER PIPE IN GOOD CONDITION, RECONNECT EXISTING COPPER SERVICE LINE TO NEW DI WATER MAIN WITH TYPE K COPPER PIPE (MATCH EXISTING DIA.), PER STANDARD DETAILS. IF EXISTING NON-COPPER WATER SERVICE LINE, OR IF LESS THAN 1" DIA. OR IN POOR CONDITION, REPLACE WITH 1" TYPE K COPPER SERVICE LINE (MATCH EXISTING SIZE, BUT NOT LESS THAN 1" DIA.), PER STANDARD DETAILS. CRIMP OR CAP EXISTING SERVICE LINE AND ABANDON IN PLACE. IF EXISTING PIPE SERVES MORE THAN ONE WATER SERVICE, INSTALL A NEW COPPER SERVICE PIPE FOR EACH WATER SERVICE. REMOVE AND DISPOSE OF EXISTING SETTER. FURNISH AND INSTALL NEW 1-INCH SETTER PER STANDARD DETAIL NO. W-23, ITEM E OR W-24, ITEM D, WITH ADAPTERS FOR 3/4" WATER METER. CONNECT SETTER TO WATER SERVICE LINE AND CUSTOMER SERVICE LINE. AS DIRECTED BY THE CITY, RE-INSTALL EXISTING WATER METER OR INSTALL NEW 3/4" OR 1" METER SUPPLIED BY THE CITY AND RETURN EXISTING METER TO THE CITY. REMOVE AND DISPOSE OF EXISTING WATER METER BOX, FURNISH AND INSTALL NEW CARSON INDUSTRIES PLASTIC MODEL 1527-18 BCFXL BOX. NEW METER BOX SHALL BE OLYMPIC FOUNDRY SM30 IN SIDEWALKS OR AREAS WITH VEHICULAR TRAFFIC. NEW METER BOXES SHALL BE LOCATED IN PUBLIC RIGHT OF WAY.
10. ABANDON EXISTING 6" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 6" END CAP COUPLING (ROMAC EC-501).
11. ABANDON EXISTING 8" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 8" END CAP COUPLING (ROMAC EC-501).
12. PROVIDE AND INSTALL NEW HYDRANT WITH NEW CONNECTION TO WATER MAIN PER CPB STD. DWG W-13. ADJUST HYDRANT TO FINISHED GRADE.
13. REMOVE EXISTING HYDRANT
14. RESECTION SANITARY SEWER MANHOLE & ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. S-9. ROTATE FLAT TOP MANHOLE COVER SO THAT MANHOLE LID IS LOCATED ENTIRELY WITHIN SIDEWALK. REMOVE EXISTING LADDER, INSTALL NEW LADDER ON EAST SIDE OF MANHOLE/RISER PER DIRECTION OF THE ENGINEER.
15. PROVIDE AND INSTALL NEW 6" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER	DATE	MR DESIGNED BY	6/15 DATE
PROJECT MANAGER	DATE	MR DRAWN BY	6/15 DATE
	DATE	CM CHECKED BY	6/15 DATE

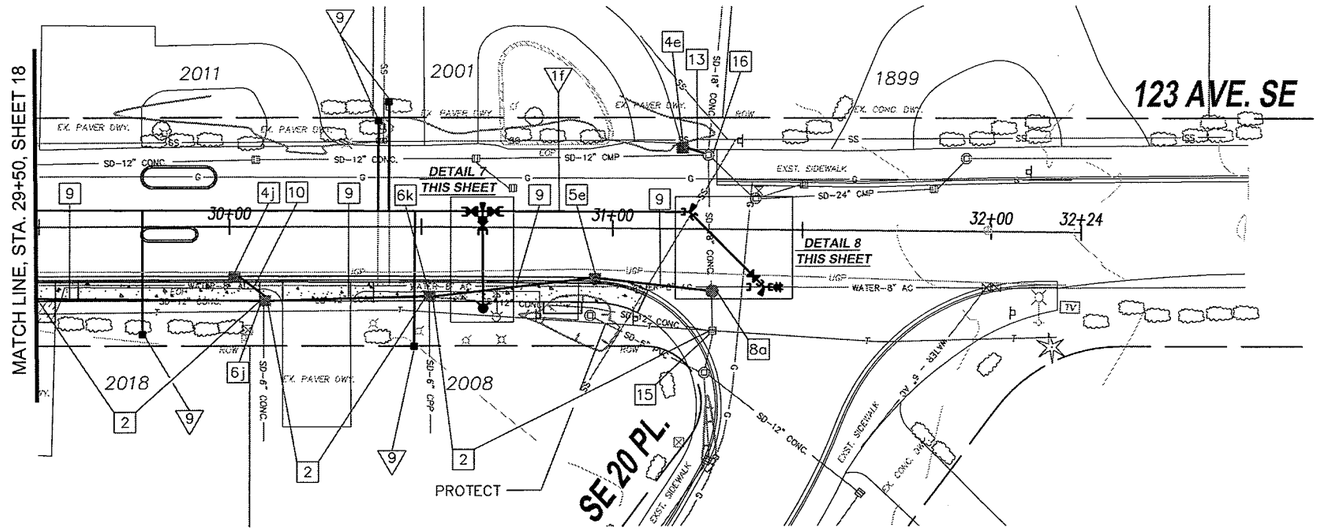
City of Bellevue
Transportation Department

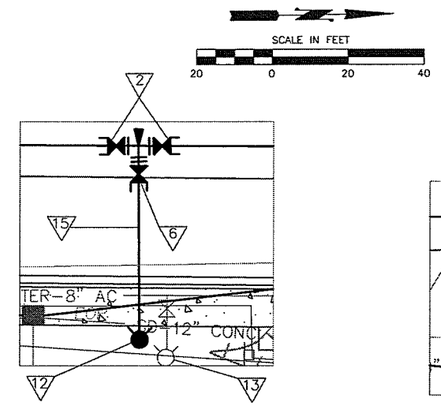
CHRISTOPHER D. LASSIK, STATE OF WASHINGTON, 45856, REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

UTILITY PLAN
STA. 24+50 TO 29+50

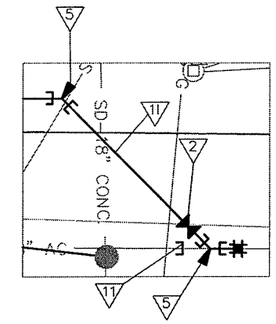
SHT 24 OF 39





(1) 8"x 6" DI TEE (FL)
(2) 8" GV (FL)
(1) 6" GV (FL x MJ)
(1) 5-1/4" M.V.O. FIRE HYDRANT ASSEMBLY PER STAND DETAIL W-13
(1) CONCRETE BLOCK

WATER CONNECTION DETAIL 7
SCALE 1"=20'



(1) 8" GV (FL)
(1) 8" ADAPTER, DI (FL X MJ)

WATER CONNECTION DETAIL 8
SCALE 1"=20'

GENERAL NOTES

1. CALL UTILITIES UNDERGROUND LOCATION CENTER AT 1-800-424-5555 48 HOURS PRIOR TO CONSTRUCTION.
2. FOR ADDITIONAL CLARITY OF EXISTING UTILITY LOCATIONS, SEE TYPICAL SECTIONS ON SHEET 3.
3. THE CONTRACTOR SHALL POTHOLE ALL POTENTIAL CONFLICTS WITH UTILITIES TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING UTILITIES. WHERE THE VERTICAL DISTANCE BETWEEN UTILITIES IS LESS THAN 6 INCHES, THE CONTRACTOR SHALL PROVIDE AN O.D. X O.D. X 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2)j.
4. THE CONTRACTOR SHALL MAINTAIN 11' FOOT MINIMUM TRAVEL LANES DURING CONSTRUCTION EXCEPT DURING FINAL PAVEMENT RESTORATION.
5. FOR SIGNING AND CHANNELIZATION PLANS, SEE SHEETS 33-37.
6. FOR ROADWAY AND PAVING PLANS, SEE SHEETS 11-15.
7. FOR UTILITY TRENCH RESTORATION, IN ROADWAY, USE HMA CLASS ½" 8" DEPTH.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.
3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

GENERAL WATER NOTES

SEE SHEET 3 FOR WATER GENERAL NOTES.

DRAINAGE NOTES

1 REMOVE EXISTING CATCH BASIN, FRAME, AND COVER.

2 REMOVE EXISTING STORM SEWER PIPE.

4 PROVIDE AND INSTALL CONCRETE INLET WITH A LOCKING FRAME AND VANED GRATE PER COB STD. DWG. NO. D-1, D-6, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.

j. STA. 30+01.35, 13.25' R
RIM EL=300.99
IE OUT=298.45 8" PVC (NE)

5 PROVIDE AND INSTALL CATCH BASIN TYPE I WITH A LOCKING FRAME AND VANED GRATE PER COB STD. DWG. NO. D-2, D-6, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.

e. STA. 30+95.54, 13.25' R
RIM EL=300.40
IE IN=296.40 12" PVC (S)
IE OUT=296.40 12" PVC (N)

6 PROVIDE AND INSTALL CATCH BASIN TYPE I WITH A LOCKING RING AND SOLID COVER PER COB STD. DWG. NO. D-2, D-8, D-9. ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. D-23.

j. STA. 30+09.34, 19.50 RT
RIM EL=301.42
IE IN=298.25 8" PVC (SW)
IE IN=299.49 EX. 6" CONC. (E)
IE OUT=297.92 12" PVC (N)

k. STA. 30+52.26, 18.25' RT
RIM EL=301.20
IE IN=297.45 12" PVC (S)
IE IN=298.44 EX. 6" CONC. (E)
IE OUT=297.45 12" PVC (N)

8 PROVIDE AND INSTALL CATCH BASIN TYPE II, 48" DIAMETER WITH A LOCKING RING AND ROUND COVER PER BELLEVUE STD. DWG. NO. D-4, D-5, & D-22. ADJUST TO FINISHED GRADE PER BELLEVUE STD. DWG. NO. D-23

a. STA. 31+26.85, 16.27' R
RIM EL=300.66
IE IN=295.38 12" PVC (S)
IE IN=291.01 18" EX. CONC (VERIFY) (E)
IE OUT=291.01 18" EX. CONC (VERIFY) (W)

9 PROVIDE AND INSTALL 12" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.

10 PROVIDE AND INSTALL 8" PVC DR-25 STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.

11 PROVIDE AND INSTALL 12" DUCTILE IRON STORM SEWER PIPE PER COB STD DWG. NO. D-25 & D-46.

12 PROVIDE AND INSTALL 8" DUCTILE IRON STORM SEWER PIPE PER COB STD. DWG. NO. D-25 & D-46.

14 ADJUST EXST. CATCH BASIN TO FINISHED GRADE WITH A LOCKING FRAME AND SOLID COVER PER COB STD. DWG. NO. D-2, D-8, D-9, D-23.

15 PLUG EXISTING CB.

16 ADJUST EXISTING CATCH BASIN TO FINISHED GRADE WITH LOCKING RING AND ROUND SOLID COVER PER BELLEVUE STD. DWG. D-22 & D-23. CONNECT 8" DI PIPE TO SOUTH, IE=297.98'

WATER AND SANITARY SEWER NOTES

1 PROVIDE AND INSTALL NEW 8" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE PER PROFILE SHEETS 31-32.

f. 1242' l. 28'

2 PROVIDE AND INSTALL NEW VALVE BOX AND 8" GATE VALVE PER COB STD. DWG. NO W-11.

3 PROVIDE AND INSTALL 8" 11 1/4 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.

4 PROVIDE AND INSTALL 8" 22 1/2 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.

5 PROVIDE AND INSTALL 8" 45 DEGREE BEND (MECHANICAL JOINT), CONCRETE BLOCK PER COB STD. DWG. NOS. W-1 AND W-2.

6 PROVIDE AND INSTALL NEW VALVE BOX AND 6" GATE VALVE PER COB STD. DWG. NO W-11.

7 REMOVE EXISTING 6" OR 8" GATE VALVE.

8 REMOVE EXISTING 6" OR 8" GATE VALVES AND 6 OR 8" AC MAIN PIPE AS NEEDED AND AND CONNECT NEW 8" DI WATER MAIN TO EXISTING MAIN WITH TO NEW TEE WITH THREE 8" GATE VALVES PER COB STD. DWG. NO W-11.

9 LOCATE AND EXPOSE EXISTING WATER SERVICE LINE AND DETERMINE TYPE AND SIZE OF PIPE. IF 1" DIA., OR LARGER, COPPER PIPE IN GOOD CONDITION, RECONNECT EXISTING COPPER SERVICE LINE TO NEW DI WATER MAIN WITH TYPE K COPPER PIPE (MATCH EXISTING DIA.), PER STANDARD DETAILS. IF EXISTING NON-COPPER WATER SERVICE LINE, OR IF LESS THAN 1" DIA. OR IN POOR CONDITION, REPLACE WITH 1" TYPE K COPPER SERVICE LINE (MATCH EXISTING SIZE, BUT NOT LESS THAN 1" DIA.), PER STANDARD DETAILS. CRIMP OR CAP EXISTING SERVICE LINE AND ABANDON IN PLACE. IF EXISTING PIPE SERVES MORE THAN ONE WATER SERVICE, INSTALL A NEW COPPER SERVICE PIPE FOR EACH WATER SERVICE. REMOVE AND DISPOSE OF EXISTING SETTER. FURNISH AND INSTALL NEW 1-INCH SETTER PER STANDARD DETAIL NO. W-23, ITEM E OR W-24, ITEM D, WITH ADAPTERS FOR 3/4" WATER METER. CONNECT SETTER TO WATER SERVICE LINE AND CUSTOMER SERVICE LINE. AS DIRECTED BY THE CITY, RE-INSTALL EXISTING WATER METER OR INSTALL NEW 3/4" OR 1" METER SUPPLIED BY THE CITY AND RETURN EXISTING METER TO THE CITY. REMOVE AND DISPOSE OF EXISTING WATER METER BOX, FURNISH AND INSTALL NEW CARSON INDUSTRIES PLASTIC MODEL 1527-18 BCFXL BOX. NEW METER BOX SHALL BE OLYMPIC FOUNDRY SM30 IN SIDEWALKS OR AREAS WITH VEHICULAR TRAFFIC. NEW METER BOXES SHALL BE LOCATED IN PUBLIC RIGHT OF WAY.

10 ABANDON EXISTING 6" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 6" END CAP COUPLING (ROMAC EC-501).

11 ABANDON EXISTING 8" AC WATER MAIN BY THE END OF EACH MAIN WITH ONE 8" END CAP COUPLING (ROMAC EC-501).

12 PROVIDE AND INSTALL NEW HYDRANT WITH NEW CONNECTION TO WATER MAIN PER CPB STD. DWG W-13. ADJUST HYDRANT TO FINISHED GRADE.

13 REMOVE EXISTING HYDRANT

14 RESECTION SANITARY SEWER MANHOLE & ADJUST TO FINISHED GRADE PER COB STD. DWG. NO. S-9. ROTATE FLAT TOP MANHOLE COVER SO THAT MANHOLE LID IS LOCATED ENTIRELY WITHIN SIDEWALK. REMOVE EXISTING LADDER, INSTALL NEW LADDER ON EAST SIDE OF MANHOLE/RISER PER DIRECTION OF THE ENGINEER.

15 PROVIDE AND INSTALL NEW 6" DUCTILE IRON WATER MAIN PER BELLEVUE STD DWG NO W-6 AT DEPTH OF 36" MINIMUM TO THE BOTTOM OF PIPE.

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

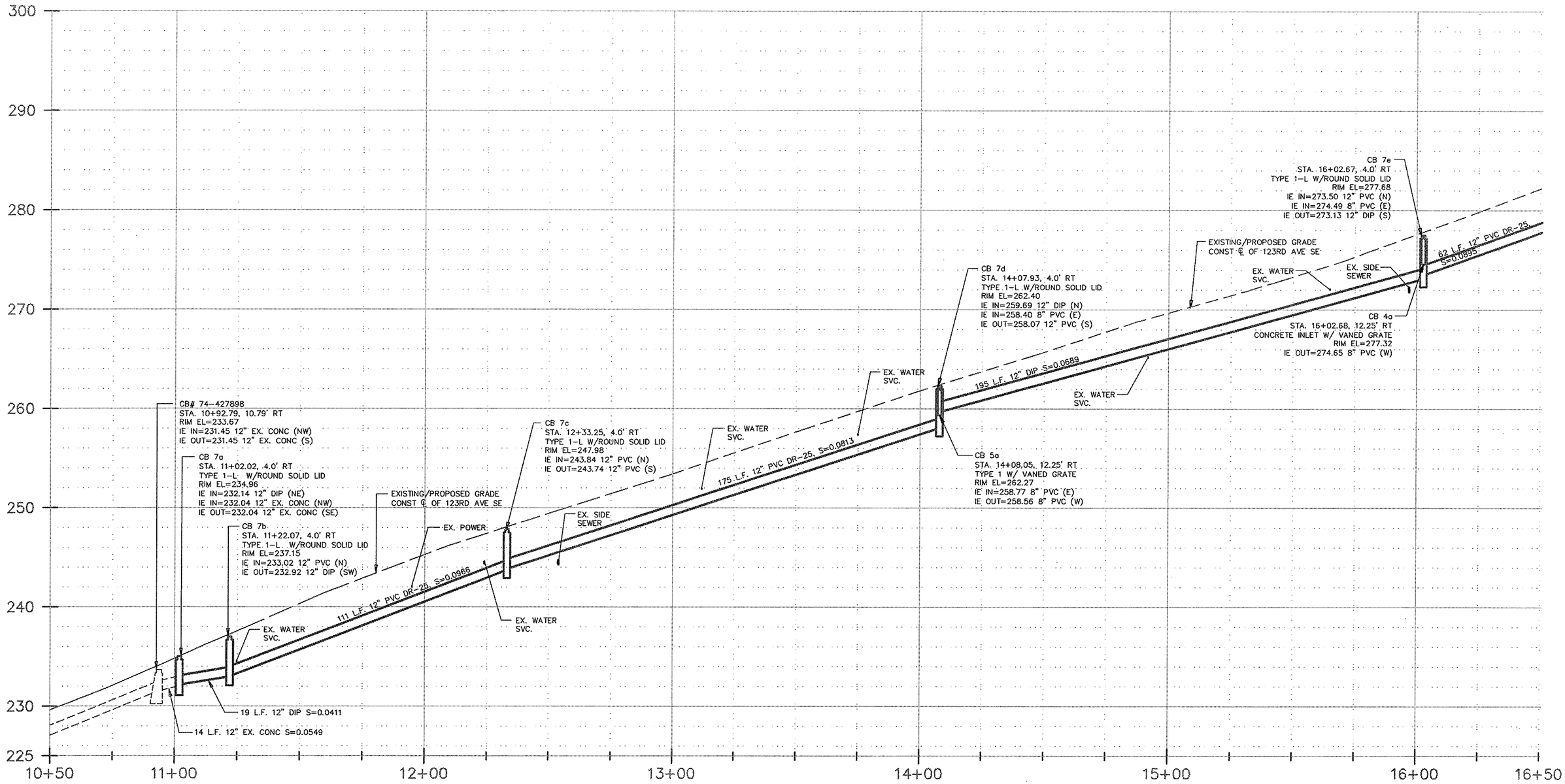
MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

City of Bellevue
Transportation Department

CHRISTOPHER D. MASLEY — STATE OF WASHINGTON — 45656 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

UTILITY PLAN
STA. 29+50 TO END PROJECT



5 0 5 10
VERTICAL SCALE IN FEET

20 0 20 40
HORIZONTAL SCALE IN FEET

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CHECKED BY	DATE

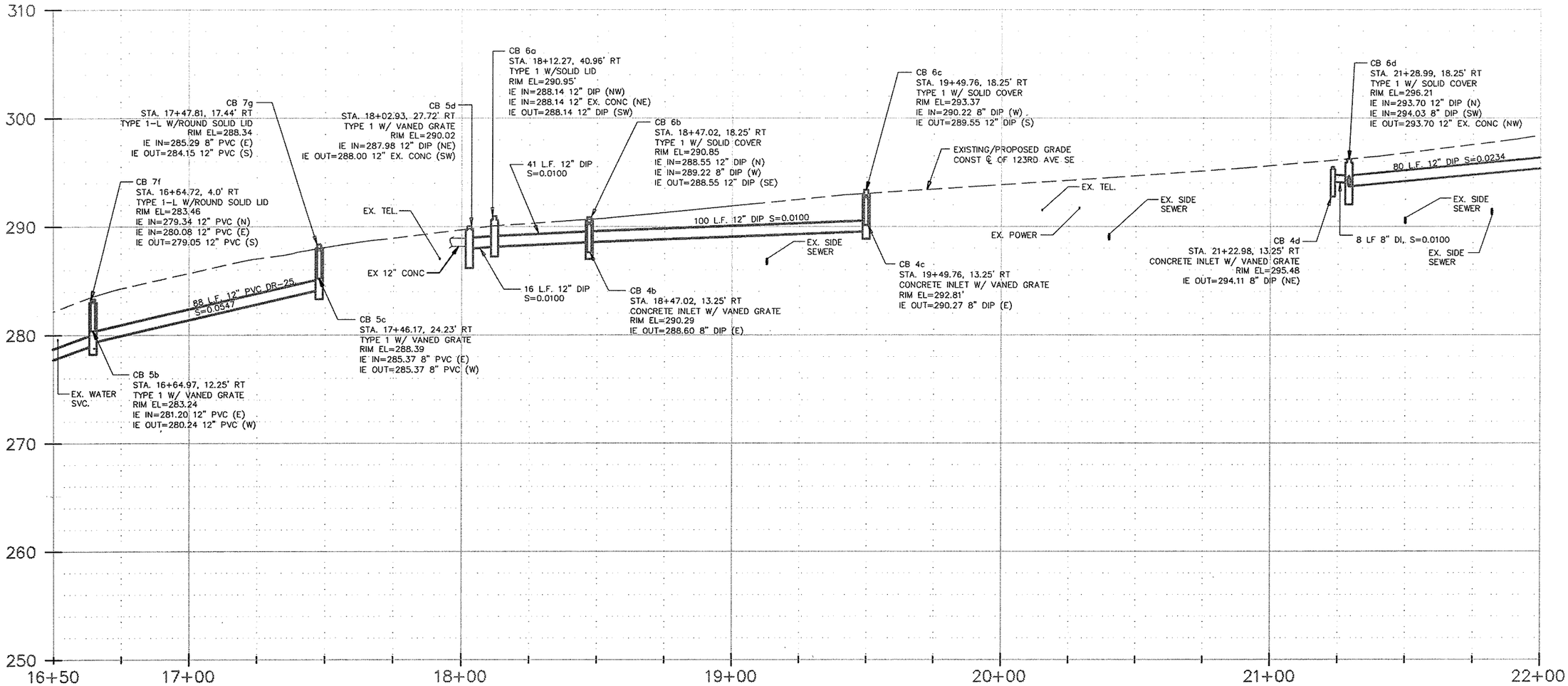
City of Bellevue
Transportation Department

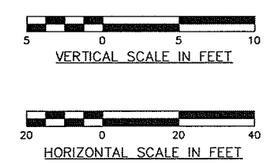
CHRISTOPHER D. MASEK
STATE OF WASHINGTON
45854
REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

ROADWAY AND DRAINAGE PROFILE
123rd AVE. SE
STA. 10+50 TO 16+50

SHT 26 OF 39





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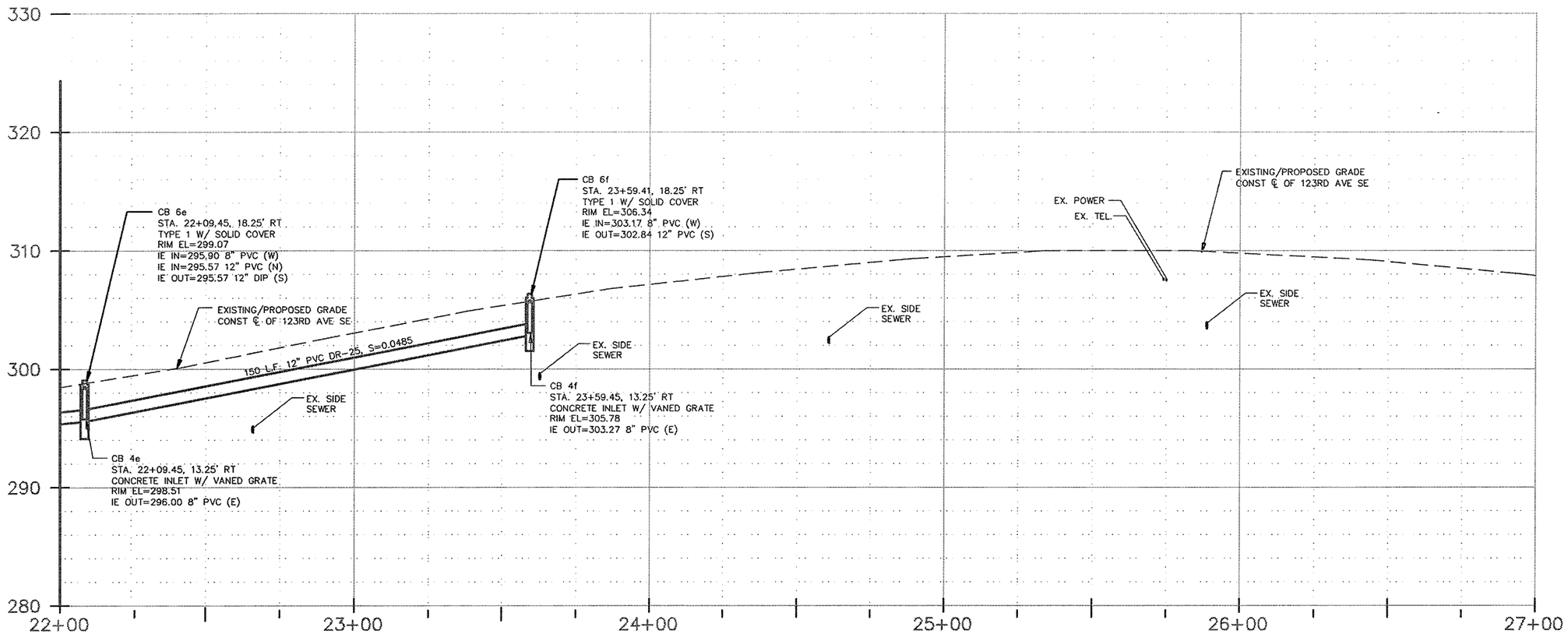
City of Bellevue
Transportation Department

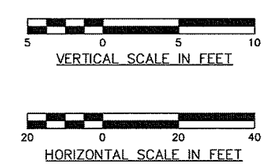
CHRISTOPHER D. MASTA — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

ROADWAY AND DRAINAGE PROFILE
123rd AVE. SE
STA. 16+50 TO 22+00

SHT 27 OF 39





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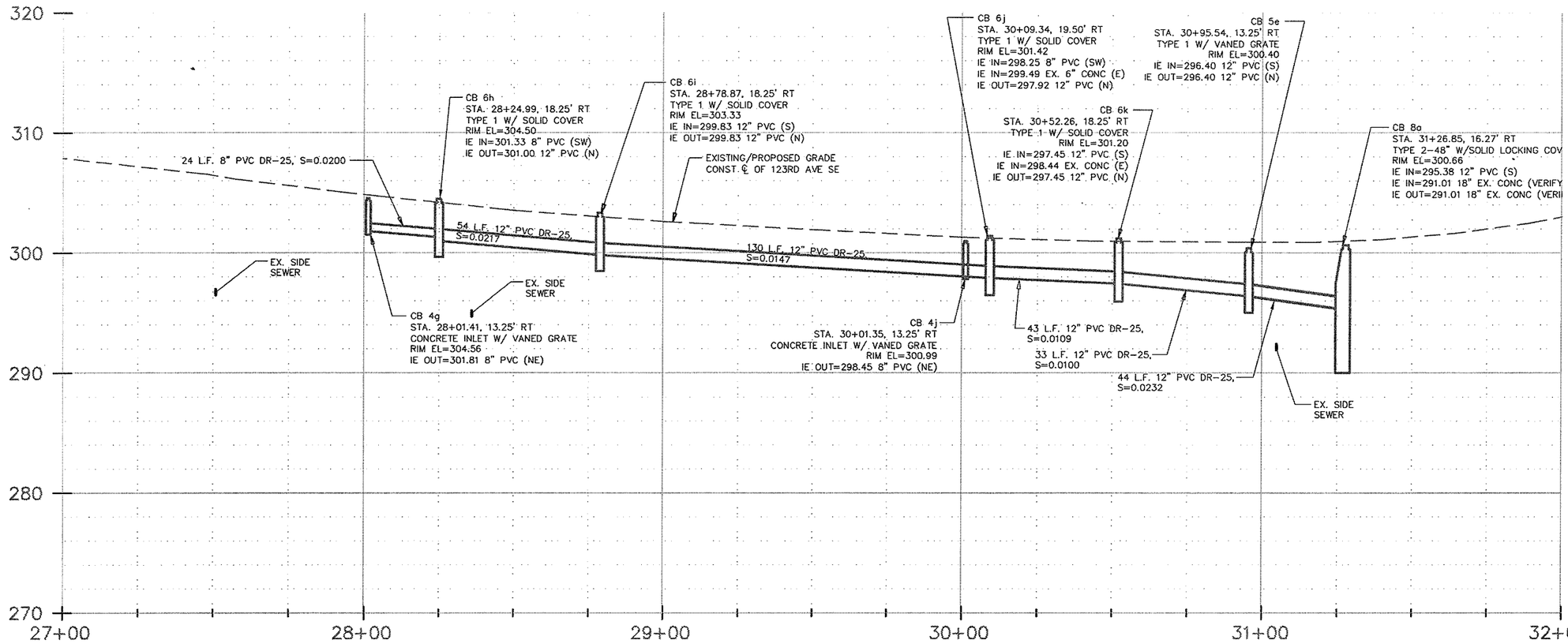
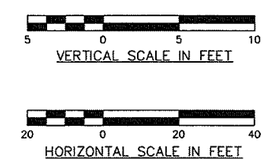
ROADWAY AND DRAINAGE PROFILE
123rd AVE. SE
STA. 22+00 TO 27+00

SHT 28 OF 39





NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE

PROJECT MANAGER — DATE

DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

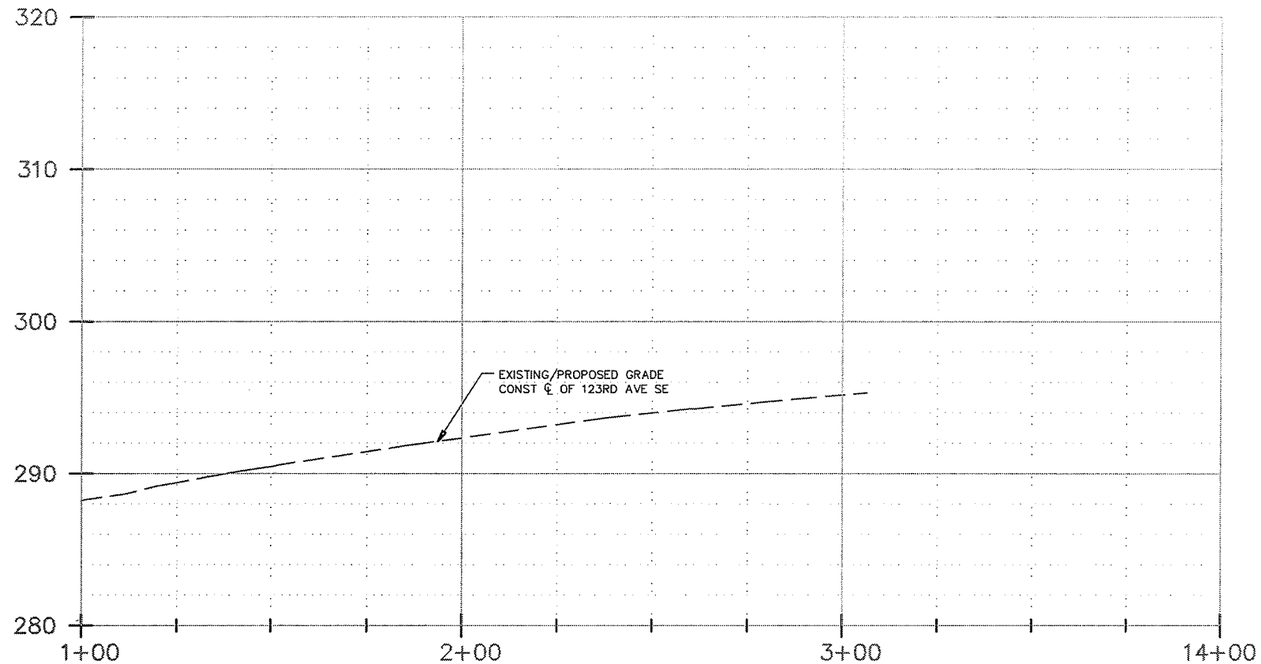
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK
STATE OF WASHINGTON
45856
REGISTERED
PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

ROADWAY AND DRAINAGE PROFILE
123rd AVE. SE
STA. 27+00 TO END PROJECT

SHT 29 OF 39



VERTICAL SCALE IN FEET

HORIZONTAL SCALE IN FEET

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER DATE

PROJECT MANAGER DATE

DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

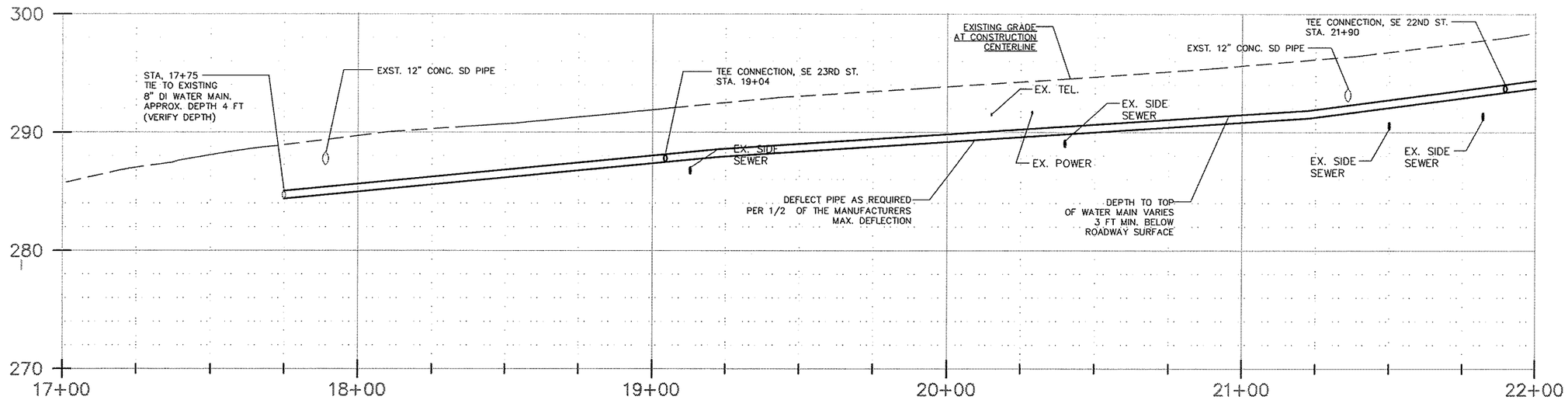
City of Bellevue
Transportation Department

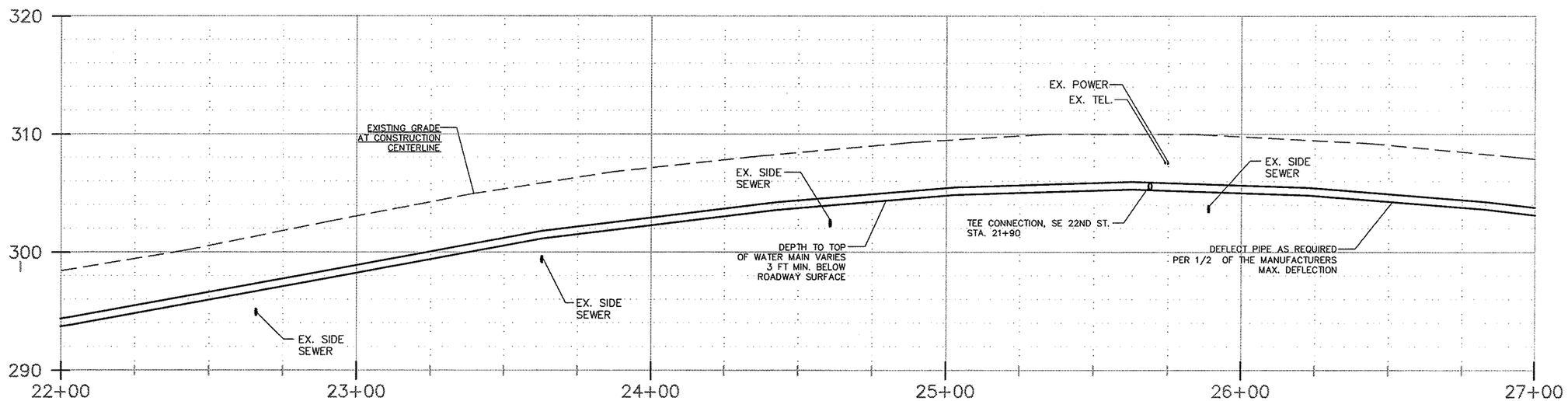
CHRISTOPHER D. MASEK
STATE OF WASHINGTON
45856
REGISTERED
PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

ROADWAY AND DRAINAGE PROFILE
123rd PLACE SE
STA. 1+00 TO END

SHT 30 OF 39





GENERAL WATER NOTES

1. ALL WORK SHALL CONFORM TO THE CURRENT VERSION OF THE CITY OF BELLEVUE UTILITY STANDARDS.
2. ALL PIPE SHALL BE DUCTILE IRON CLASS 52 UNLESS OTHERWISE SHOWN.
3. NEW WATER MAINS SHALL BE TESTED, FLUSHED AND DISINFECTED BEFORE CONNECTING THE NEW WATER MAIN TO THE EXISTING WATER MAIN.
4. ENGINEER SHALL BE PRESENT WHEN WATER SERVICES ARE EXPOSED.
5. BLOCKING FOR NEW WATER MAIN SHALL BE NO LESS THAN 5 FEET FROM THE OLD 6" AC WATER MAIN TRENCH.

5 0 5 10
VERTICAL SCALE IN FEET

20 0 20 40
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

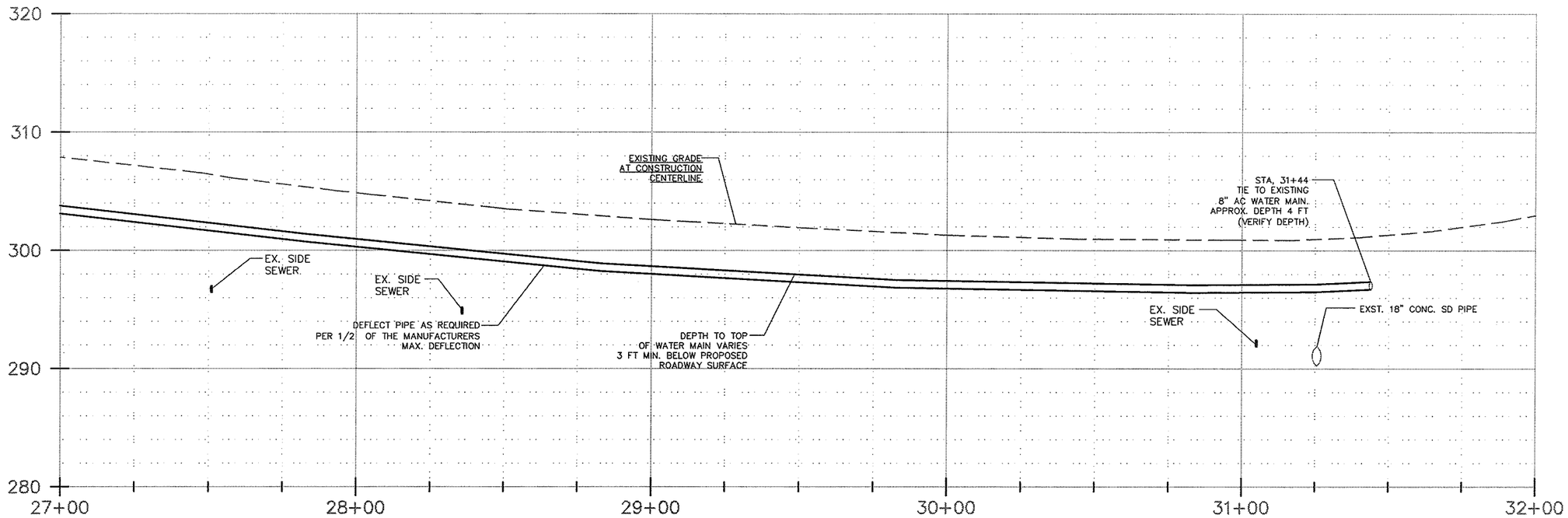
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK
STATE OF WASHINGTON
45856
REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

WATER MAIN PROFILE
123rd AVE. SE
STA. 17+00 TO 27+00

SHT 31 OF 39



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5 0 5 10
VERTICAL SCALE IN FEET

20 0 20 40
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

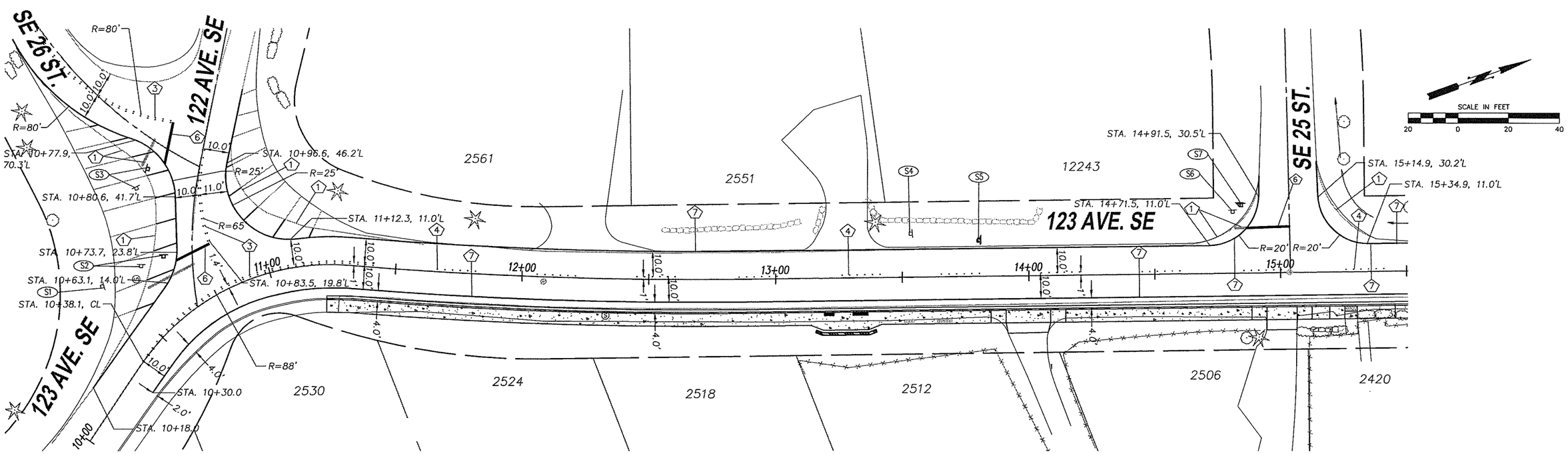
City of Bellevue
Transportation Department

CHRISTOPHER D. MASEK — STATE OF WASHINGTON — 45856 — REGISTERED PROFESSIONAL ENGINEER

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

WATER MAIN PROFILE
123rd AVE. SE
STA. 27+00 TO END OF PROJECT

SHT 32 OF 39



SIGN NOTES

1. FOR SIGN INSTALLATION DETAILS, SEE CITY OF BELLEVUE STANDARD DRAWINGS TE-21 AND TE-23A.
2. ALL REMOVED SIGNS SHALL REMAIN THE PROPERTY OF THE CITY OF BELLEVUE.

TRAFFIC CONTROL NOTES

1. TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
2. THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES OR ACTIVITIES THAT IMPEDE OR MAY POTENTIALLY IMPEDE TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN FOR EACH SPECIFIC ACTIVITY. THE WORK HOURS SHALL BE STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THIS PROJECT. THE HOURS FOR CONSTRUCTION ACTIVITY IN THE RIGHT OF WAY THAT IMPEDES TRAFFIC SHALL BE MONDAY THROUGH FRIDAY, 7:00AM TO 4:00PM.
3. CONTRACTOR SHALL PROVIDE SITE SPECIFIC TRAFFIC CONTROL PLAN AT LEAST 10 DAYS PRIOR TO CONSTRUCTION.

CHANNELIZATION NOTES

1. REMOVE EXISTING CHANNELIZATION.
2. NOT USED.
3. PROVIDE AND INSTALL YELLOW DOUBLE CENTERLINE USING TYPE 1 AND TYPE 2 RPMS PER COB STD. DWG. NO. TE-4A AND TE-5.
4. PROVIDE AND INSTALL YELLOW BROKEN CENTERLINE USING TYPE 1 AND TYPE 2 RPMS PER COB STD. DWG. NO. TE-4A AND TE-5.
5. INSTALL PLASTIC PIANO KEY CROSSWALK MARKING PER COB STD. DWG. NO. TE-7A
6. INSTALL 12" WIDE PLASTIC STOP BAR.
7. INSTALL 4" WIDE WHITE PAINT LINE.

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	NEW/EX.	DESIGNATION	SIZE	COLOR	DESCRIPTION	REMARKS
S1	10+49	31' L	EX.	W16-5P			ARROW	PROTECT
S2	10+61	26' L	EX.	R1-1			STOP SIGN	RELOCATE TO 10+68.6, 24.0' L, NEW POST
S3	10+73	52' L	EX.	R1-1			STOP SIGN	RELOCATE TO 10+77.8, 56.5' L, NEW POST
S4	13+53	17' L	EX.				METRO BUS STOP	PROTECT
S5	13+80	14' L	EX.	W1-5			CURVE WARNING	INSTALL EXST. SIGN ON NEW POST, SAME LOCATION
S6	14+81	24' L	EX.				SNS	REMOVE POST, COMBINE SNS WITH STOP SIGN @ 14+84, 27' L
S7	14+84	27' L	EX.	R1-1			STOP SIGN	INSTALL EXST. SIGN WITH S6 (SNS) ON NEW POST, SAME LOCATION

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

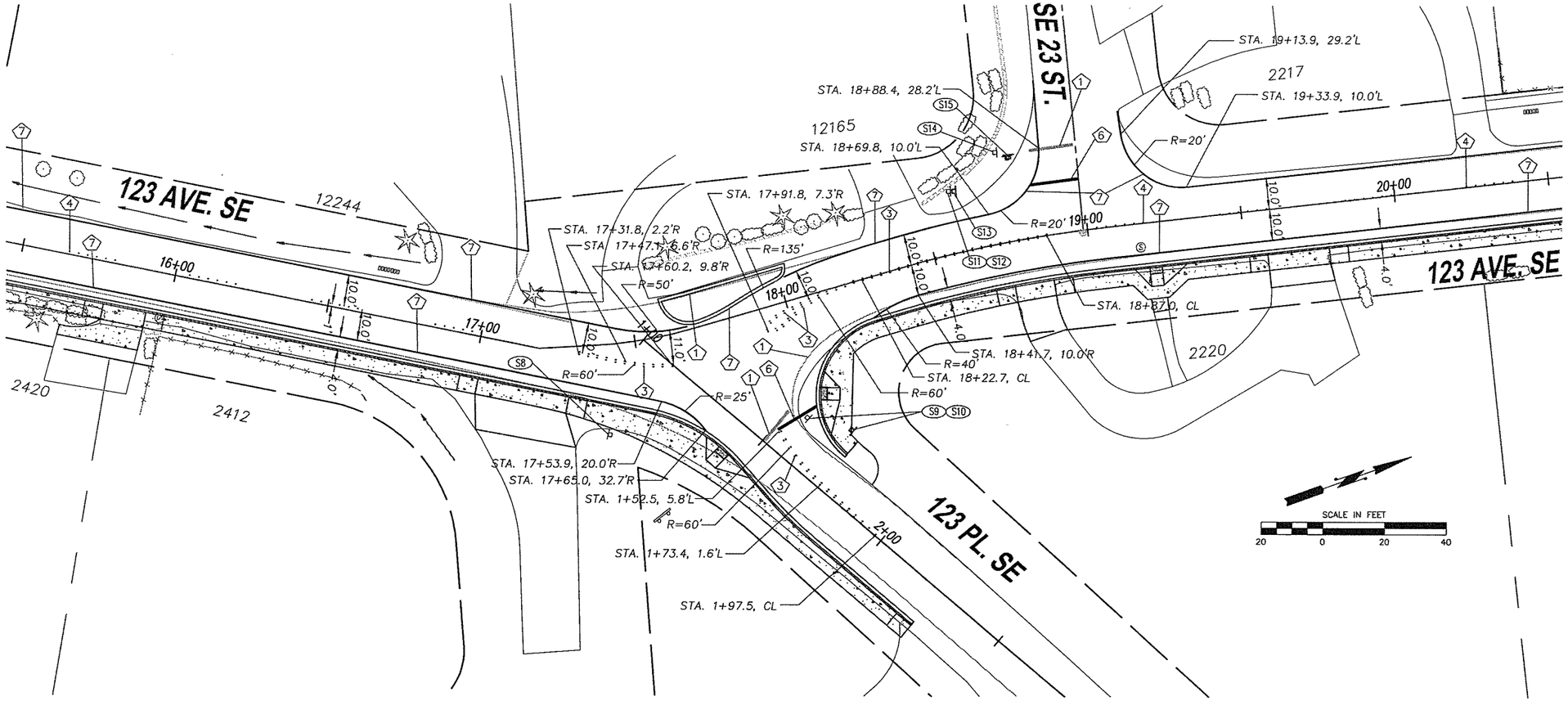
MR 6/15 — DESIGNED BY — DATE
MR 6/15 — DRAWN BY — DATE
CM 6/15 — CHECKED BY — DATE

City of Bellevue
Transportation Department

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

CHANNELIZATION & SIGNING PLAN
STA. 10+00 TO 15+50

SHT 33 OF 39



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6. INSTALL 12" WIDE PLASTIC STOP BAR.
7. INSTALL 4" WIDE WHITE PAINT LINE.

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	NEW/EX.	DESIGNATION	SIZE	COLOR	DESCRIPTION	REMARKS
S8	17+40	29' R	EX.				METRO BUS STOP	PROTECT
S9	17+96	38' R	EX.	R1-1			STOP SIGN	RELOCATE TO 18+08, 46' R, NEW POST
S10	17+96	38' R	EX.				SNS	RELOCATE TO 18+08, 46' R, NEW POST
S11	18+59	20' L	EX.	W1-1R			CURVE WARNING	REMOVE SIGN AND POST
S12	18+59	20' L	EX.				20 MPH	REMOVE SIGN AND POST
S13	18+61	20' L	NEW	W1-4	30"X30"	YELLOW	REVERSE CURVE WARNING	NEW SIGN AND POST
S14	18+75	29' L	EX.				SNS	REMOVE POST, COMBINE SNS WITH STOP SIGN (S15) @ 18+79, 27' L
S15	18+79	27' L	EX.	R1-1			STOP SIGN	INSTALL EXST. SIGN WITH S14 (SNS) ON NEW POST, SAME LOCATION

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

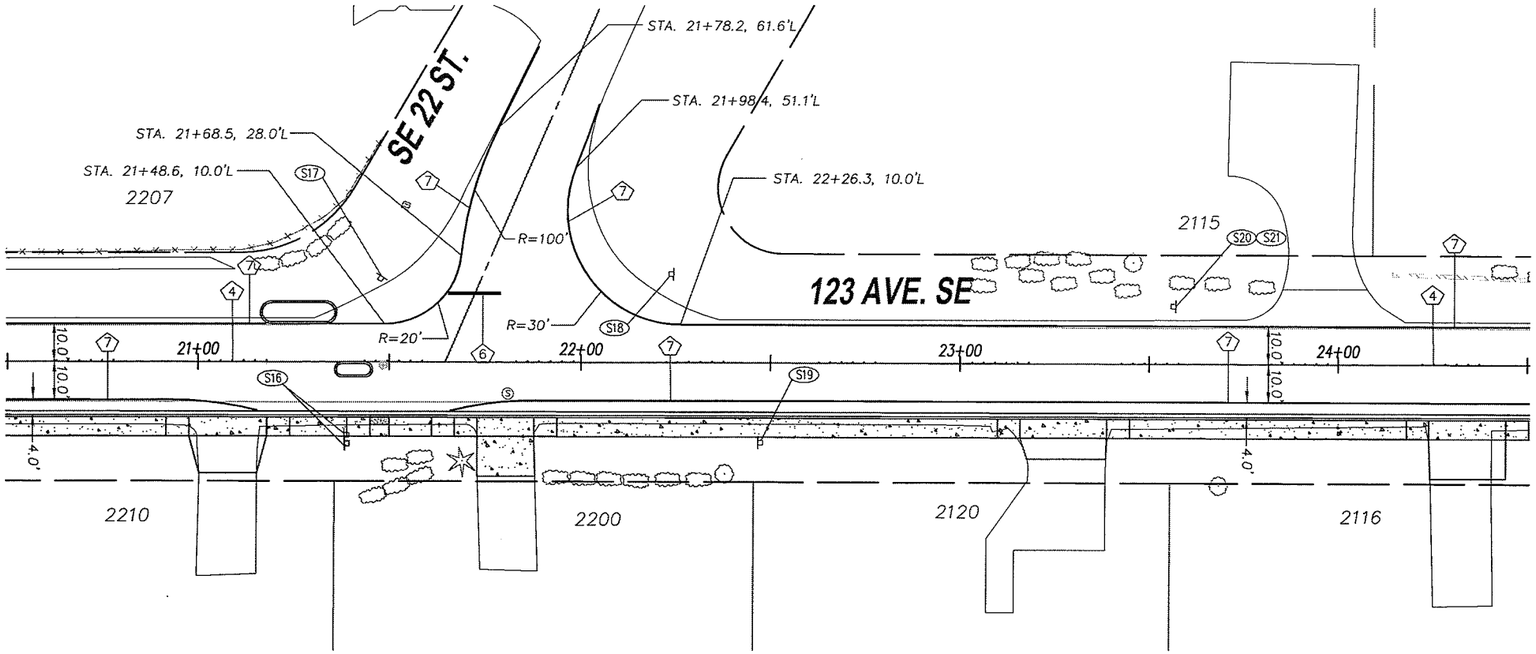
MR 6/15 DESIGNED BY DATE
MR 6/15 DRAWN BY DATE
CM 6/15 CHECKED BY DATE

City of Bellevue
Transportation Department

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

CHANNELIZATION & SIGNING PLAN
STA. 15+50 TO 20+50

SHT 34 OF 39



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SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	NEW/EX.	DESIGNATION	SIZE	COLOR	DESCRIPTION	REMARKS
S16	21+39	19' R	EX.	S1-1			SCHOOL PEDESTRIAN	RELOCATE TO 18+08, 21' R, NEW POST
S17	21+48	22' L	EX.	R1-1			STOP SIGN	PROTECT
S18	22+24	23' L	EX.				SNS	PROTECT
S19	22+47	21' R	EX.	S5-1			SCHOOL SPEED LIMIT 20 WHEN FLASH	PROTECT
S20	23+56	15' L	EX.	S5-2			END SCHOOL ZONE	PROTECT
S21	23+56	15' L	EX.	R2-1			SPEED LIMIT 25	PROTECT

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

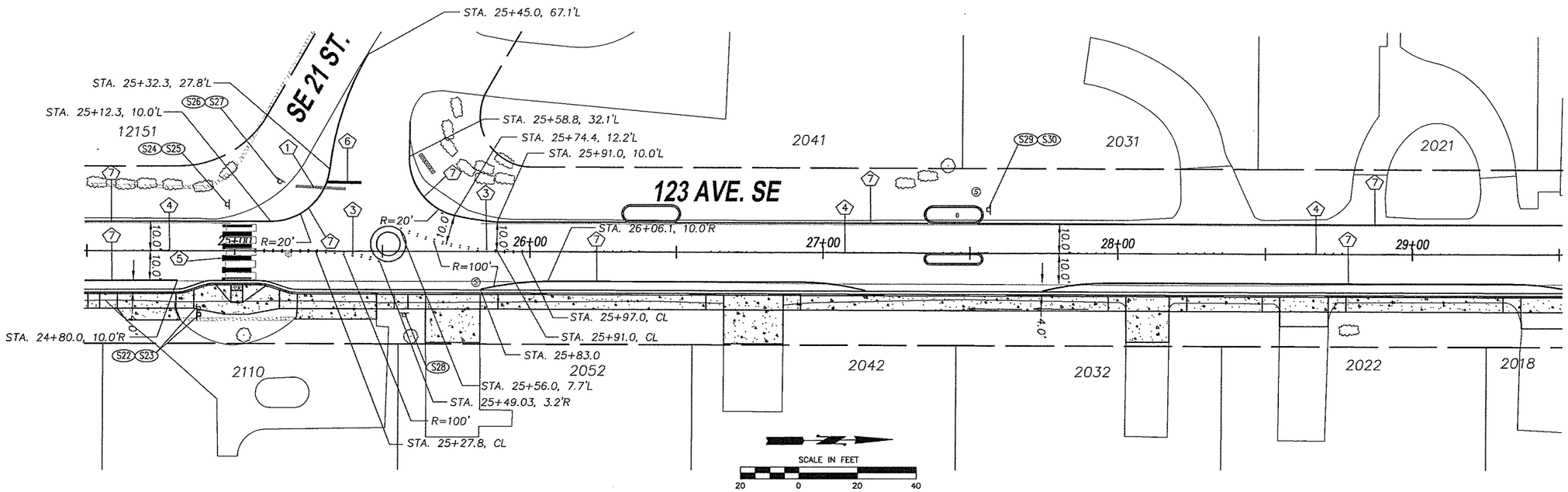
MR 6/15 DESIGNED BY DATE
MR 6/15 DRAWN BY DATE
CM 6/15 CHECKED BY DATE

City of Bellevue
Transportation Department

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

CHANNELIZATION & SIGNING PLAN
STA. 20+50 TO 24+50

SHT 35 OF 39



SIGN NOTES

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SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	NEW/EX.	DESIGNATION	SIZE	COLOR	DESCRIPTION	REMARKS
S22	24+88	19' R	EX.	S1-1			SCHOOL PEDESTRIAN	RELOCATE TO 24+88, 21' R, NEW POST
S23	24+88	19' R	EX.	W16-7P			ARROW	RELOCATE TO 24+88, 21' R, NEW POST
S24	24+97	16' L	EX.	S1-1			SCHOOL PEDESTRIAN	PROTECT
S25	24+97	16' L	EX.	W16-7P			ARROW	PROTECT
S26	25+15	23' L	EX.	R1-1			STOP SIGN	PROTECT
S27	25+15	23' L	EX.				SNS	PROTECT
S28	25+57	22' R	EX.	S5-1			SCHOOL SPEED LIMIT 20 WHEN FLASH	PROTECT
S29	27+56	15' L	EX.	S1-1			SCHOOL PEDESTRIAN	PROTECT
S30	27+56	15" L	EX.	W16-9P			AHEAD	PROTECT

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

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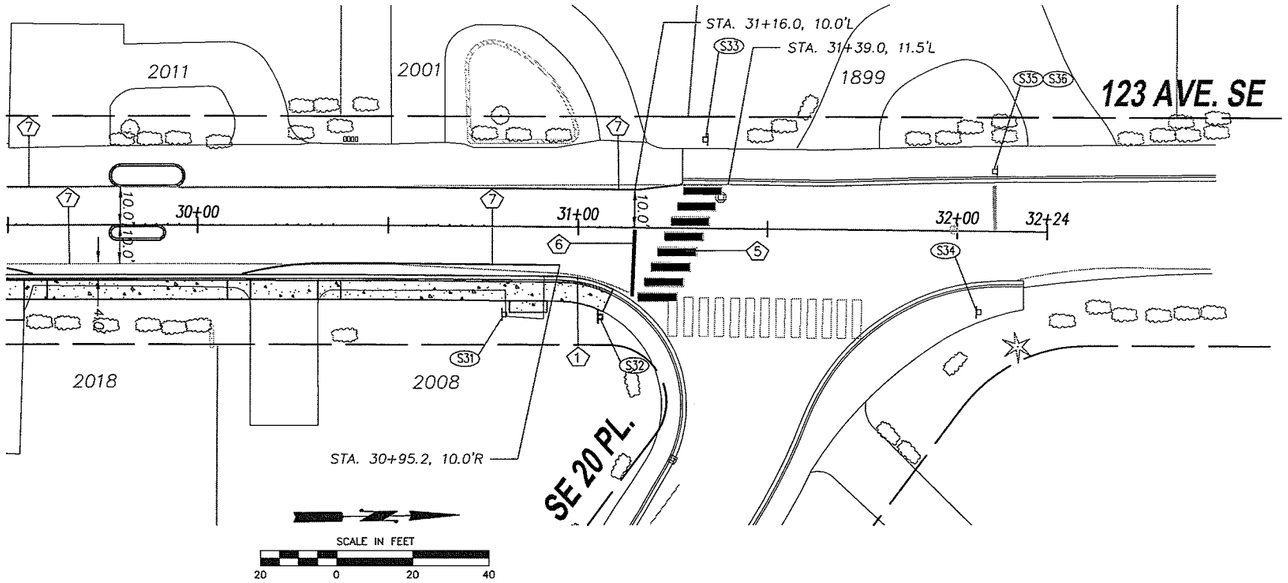
MR 6/15 DRAWN BY DATE
CM 6/15 CHECKED BY DATE

City of Bellevue
Transportation Department

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

CHANNELIZATION & SIGNING PLAN
STA. 24+50 TO 29+50

SHT 36 OF 39



SIGN NOTES

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7. INSTALL 4" WIDE WHITE PAINT LINE.

SIGN SCHEDULE

S31	30+81	23' R	EX.				METRO BUS STOP	PROTECT
S32	31+06	24' R	EX.	R1-1			STOP SIGN	NEW POST, SAME LOCATION
S33	31+33	23' L	EX.				SNS	PROTECT
S34	32+06	21' R	EX.	R1-1			STOP SIGN	PROTECT
S35	32+10	16' L	EX.	R1-1			STOP SIGN	PROTECT
S36	32+10	16' L	EX.	R1-3P			ALL WAY	PROTECT

NO.	DATE	BY	APPR.	REVISIONS

Approved By

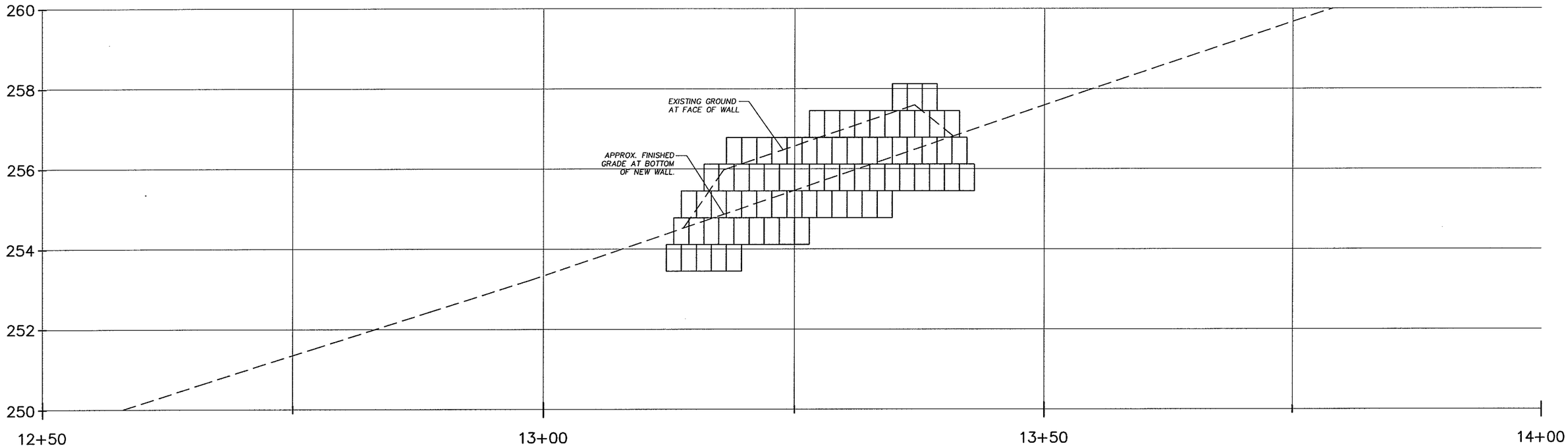
TRANSPORTATION DESIGN MANAGER — DATE
PROJECT MANAGER — DATE
DATE

MR — DESIGNED BY — 6/15 DATE
MR — DRAWN BY — 6/15 DATE
CM — CHECKED BY — 6/15 DATE

City of Bellevue
Transportation Department

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

CHANNELIZATION & SIGNING PLAN
STA. 29+50 TO END PROJECT



GRAVITY WALL BLOCK PROFILE

1.25 0 1.25 2.5

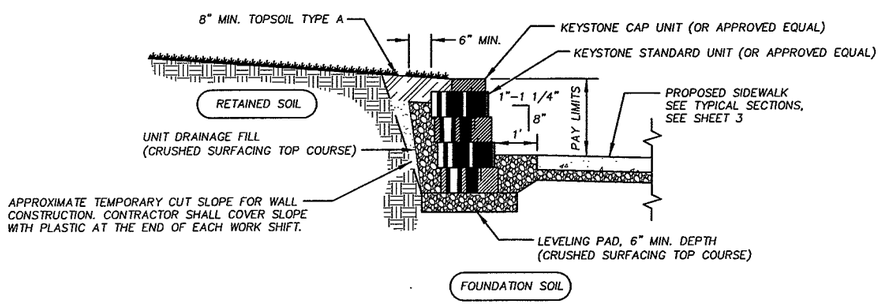
VERTICAL SCALE IN FEET

5 0 5 10

HORIZONTAL SCALE IN FEET

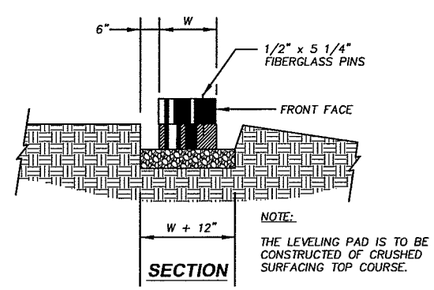
GENERAL GRAVITY BLOCK WALL NOTES

1. ALL WALLS SHALL BE CONSTRUCTED WITH BLOCKS FROM THE SAME MANUFACTURER.
2. WALL BLOCKS SHALL BE KEYSTONE STANDARD OR APPROVED EQUAL.
3. WALL BLOCKS SHALL BE INSTALLED WITHIN THE CITY'S RIGHT OF WAY.
4. ALL WALLS SHALL HAVE CAP UNITS. WALL CAPS SHALL BE SECURED IN ACCORDANCE
5. WITH THE MANUFACTURERS RECOMMENDATIONS.



GRAVITY BLOCK WALL TYPICAL SECTION

NOT TO SCALE

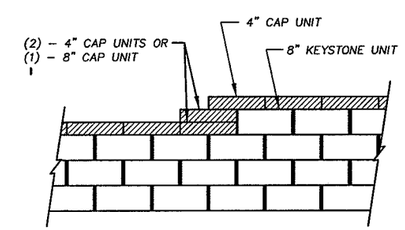


NOTE:

THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED SURFACING TOP COURSE.

LEVELING PAD DETAIL

NOT TO SCALE

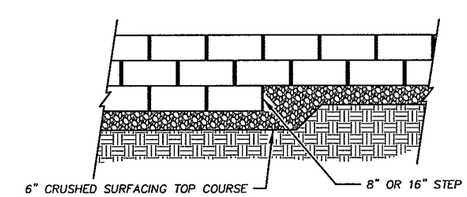


NOTE:

SECURE ALL CAP UNITS WITH KEYSTONE KAPSEAL OR APPROVED EQUAL.

TOP OF WALL STEPS

NOT TO SCALE



ELEVATION

NOT TO SCALE

NO.	DATE	BY	APPR.	REVISIONS

Approved By

TRANSPORTATION DESIGN MANAGER — DATE

PROJECT MANAGER — DATE

DATE

MR	6/15
DESIGNED BY	DATE
MR	6/15
DRAWN BY	DATE
CM	6/15
CHECKED BY	DATE

City of Bellevue
Transportation Department

123rd AVE. SE SIDEWALK
SE 20th PL. - SE 26th ST.

BLOCK WALL DETAILS AND PROFILE

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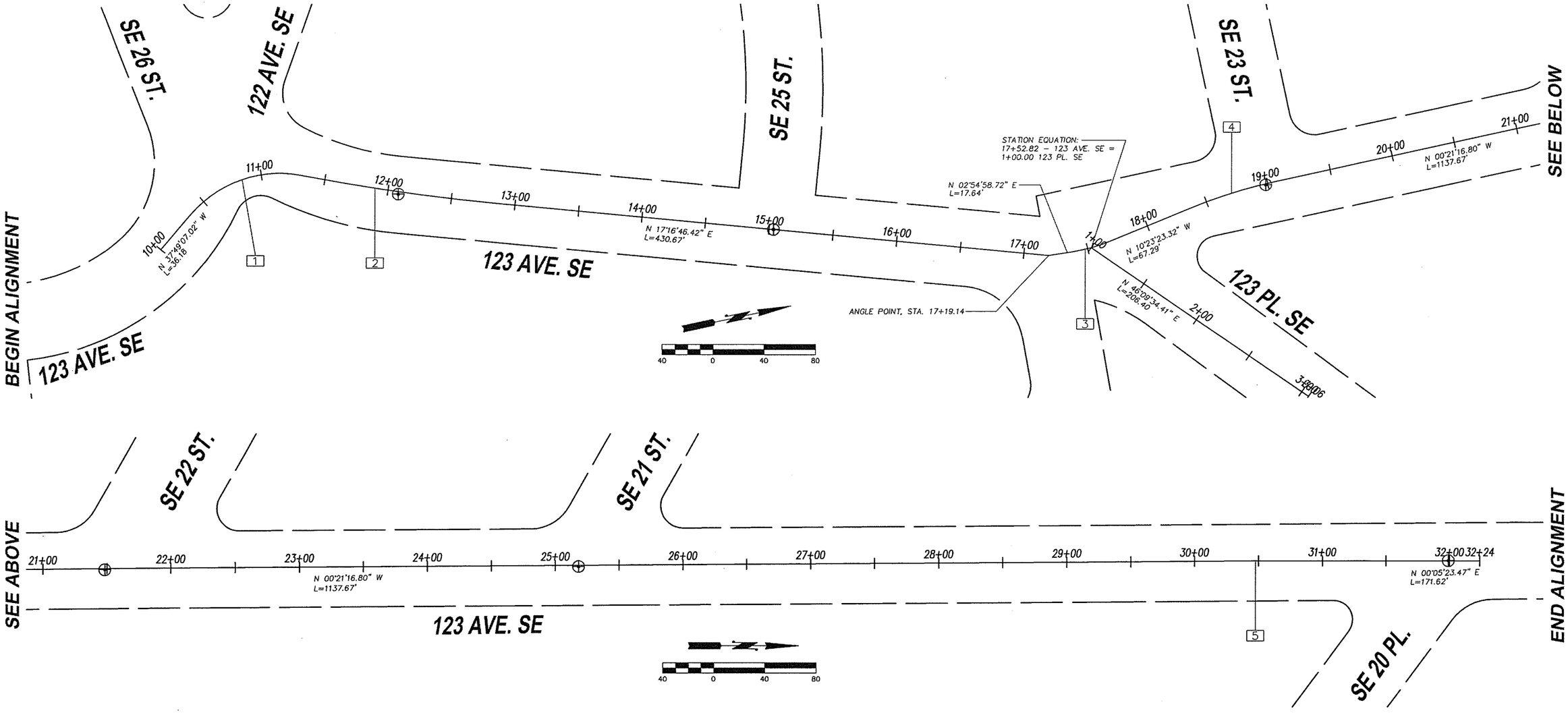

CONSTRUCTION CENTERLINE ALIGNMENTS, 123 AVE. SE AND 123 PL. SE

SURVEY AND CENTERLINE CONTROL

DATUM

COB Control Pt# 3620 (Rebar & Cap)	Sta 10+57.53	37.649 Lt	El = 228.39 Ft
COB Control Pt# 3740 (Mon in Case)	Sta 12+08.67	2.067 Rt	----------
COB Control Pt# 3619 (Mon in Case)	Sta 15+03.02	0.452 Lt	El = 268.40 Ft
COB Control Pt# 3618 (Rebar & Cap)	Sta 17+47.89	30.914 Rt	El = 288.49 Ft
COB Control Pt# 3617 (Mon in Case)	Sta 21+47.99	1.190 Rt	El = 295.89 Ft
COB Control Pt# 3616 (Rebar & Cap)	Sta 25+92.05	11.526 Lt	El = 309.40 Ft
COB Control Pt# 2339 (Mon in Case)	Sta 31+98.90	0.154 Rt	El = 301.89 Ft

NOTE: For (Mon in Case) Elevations are from TOP OF MON – IN CASE

CONSTRUCTION CENTERLINE CURVE DATA

Curve No.	PC Station	PT Station	Radius	Length	Delta	Tangent
1	10+36.18	11+31.30	90.0'	95.12'	60d33'21"	90.76'
2	11+31.30	12+88.47	1650.0'	157.17'	5d27'28"	157.11'
3	17+36.79	17+69.30	140.0'	32.51'	13d18'22"	32.44'
4	18+36.59	19+06.65	400.00'	70.06'	10d2'7"	69.97'
5	30+44.32	30+52.08	1000.00'	7.76'	0d26'40"	7.76'

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SURVEY CONTROL PLAN

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