



DEVELOPMENT SERVICES DEPARTMENT  
ENVIRONMENTAL COORDINATOR  
450 110<sup>th</sup> Ave NE., P.O. BOX 90012  
BELLEVUE, WA 98009-9012

**OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS**

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

File No. 12-131899-GC  
Project Name/Address: NE 20<sup>th</sup> St. Rockery Replacement  
14701 NE 20<sup>th</sup> Street  
Planner: Reilly Pittman  
Phone Number: 425-452-4350

**Minimum Comment Period: January 10, 2013**

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map
- Plans
- Other:

**NE 20<sup>th</sup> St. Rockery Replacement  
File Number: 12-131899-GC**



City of Bellevue Submittal Requirements	<b>27a</b>
<b>ENVIRONMENTAL CHECKLIST</b>	
11/30/12	
<p>If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.</p>	
<b>BACKGROUND INFORMATION</b>	
Property Owner: <b>City of Bellevue</b>	<div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;"> <p>Received NOV 30 2012 Permit Processing</p> </div>
Proponent: <b>City of Bellevue Transportation Department</b>	
Contact Person: <b>Chris Masek</b> (If different from the owner. All questions and correspondence will be directed to the individual listed.)	
Address: <b>450 110<sup>th</sup> Avenue NE, 6<sup>th</sup> Floor West, Bellevue, WA 98009-9012</b>	
Phone: <b>425-452-4619</b>	
<p>Proposal Title: <b>NE 20 St Rockery Replacement (2-60)</b></p> <p>Proposal Location: <b>Project is located on the south side of NE 20 St located 625 ft west of the intersection of NE 20 St and 148 Ave NE. 14701 NE 20 Street (Site Address)</b> (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.</p>	
<p>Give an accurate, brief description of the proposal's scope and nature:</p> <ol style="list-style-type: none"> <li>1. General description: <b>Replace an existing defective rockery with a new engineered block wall.</b></li> <li>2. Acreage of site: <b>0.75 acres</b></li> <li>3. Number of dwelling units/buildings to be demolished: <b>Does not apply</b></li> <li>4. Number of dwelling units/buildings to be constructed: <b>Does not apply</b></li> <li>5. Square footage of buildings to be demolished: <b>Does not apply</b></li> <li>6. Square footage of buildings to be constructed: <b>Does not apply</b></li> <li>7. Quantity of earth movement (in cubic yards): <b>1250 c.y. (excavation), 1350 c.y. (fill)</b></li> <li>8. Proposed land use: <b>No change in land use. A wall is being replaced.</b></li> <li>9. Design features, including building height, number of stories and proposed exterior materials: <b>See Plan Set</b></li> <li>10. Other:</li> </ol>	

Estimated date of completion of the proposal or timing of phasing: **Summer 2013**

RP

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.

**Does not apply**

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.

**Clear and Grade Permit with SEPA  
Utility Extension Agreement  
Right of Way Use Permit**

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
- 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)?

**Existing Embankments above wall: 20% - 100%**  
**Proposed Embankments above wall: 20% - 33%**

- 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.

**Hydraulic Soil Group for the site is Type C soils. A geologic map of the area indicates that the site consists of fill material, glacier till, and advance glacial out wash materials.**

**RP**

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

**None.**

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

**There will be an estimated 1250 c.y. of material removed from the site to construct the new engineered wall system, and replace the sidewalk, curb and gutter below the wall.**

**There will be an estimated 1350 c.y. of fill material used at the site for backfilling the new engineered wall system and grading the new slope behind the proposed wall.**

**Fill material will be provided from a City of Bellevue approved source.**

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

**Yes, erosion could potentially occur during construction. Erosion BMP's will be employed and inspected during construction in accordance with City standards and the project Construction Stormwater Pollution Prevention Plan (CSWPPP)**

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

**No new additional asphalt surfaces will be added.**

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 (BMP's) as described in the State Department of Ecology's Storm water Management Manual for the Puget Sound Basin, and according to City of Bellevue clearing and grading requirements, and the project Construction Stormwater Pollution Prevention Plan (CSWPPP). The primary BMP to be used include silt fences, catch basin inserts, and plastic covering. BMP's will be in place prior to beginning any clearing activity.**

## 2. AIR

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.

**Sears Creek is located approximately 250 feet south and west of the project site. There are no other water bodies in the vicinity of the project.**

- (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.**

- (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. This type of work will be done on this project. No waste material will be discharged into the ground.**

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 Water will drain to Sears Creek which will ultimately end up in Lake Washington.**

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

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

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

**None.**

#### 4. Plants

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

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- 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.

**Do not know.**

RP

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

**The project will replace the disturbed landscaping (trees, shrubs, etc.) in kind**

## 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:

Birds: hawk, heron, eagle, songbirds, other:

Mammals: deer, bear, elk, beaver, other:

Fish: bass, salmon, trout, herring, shellfish, other:

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

**Do not know.**

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.

RP

**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.**

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 existing vehicular traffic on NE 20 St.**

- (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 businesses, the construction hours 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.**

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 and easements. Uses adjacent to the site are commercial and retail.**

- 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?

**BR-CR – Commercial**

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

**Do not know.** BR-CR

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

**Do not know.**

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

**Yes, critical slopes.** Steep slope critical areas are adjacent to the west of the site on private property.

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.**

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?

**The proposed wall will be a maximum height of 13.5 ft tall.**

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.**

#### 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?

**None.**

- 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.**

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

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

**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.**

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

**No spaces will be added. The project will not remove any existing parking spaces.**

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 maintenance project on an existing wall.**

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, Cable TV, Fiber Optics, Sanitary Sewer, and Storm Drainage on at least part of this site.**

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.

**Storm Drainage system will be modified to accommodate the underdrain pipe behind the proposed wall.**

**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.

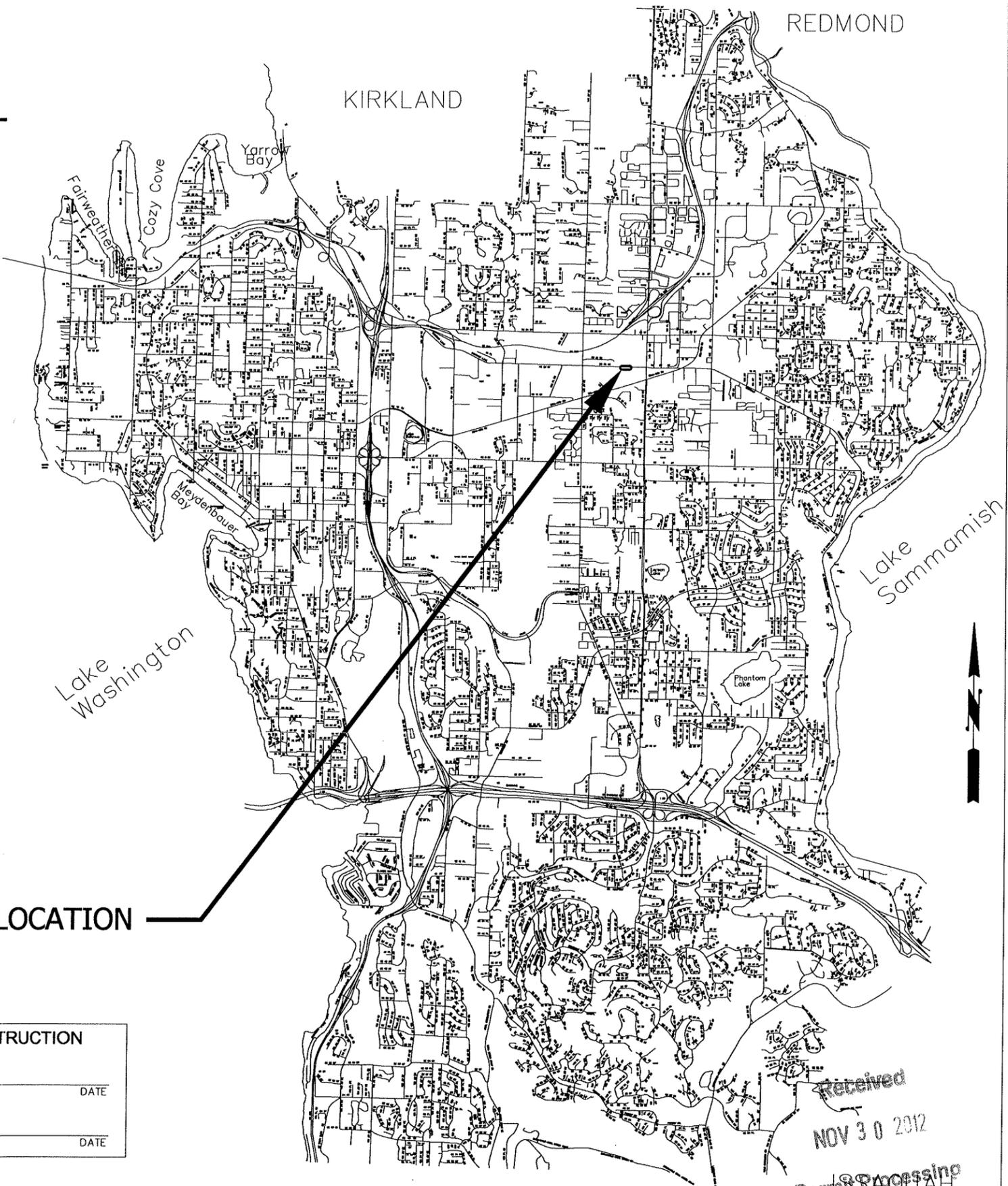
Signature.....

Date Submitted..... 11/30/12



# CITY OF BELLEVUE TRANSPORTATION DEPARTMENT

## NE 20 STREET ROCKERY REPLACEMENT (2-60)



**CITY MANAGER**  
STEVE SARKOZY

**DEPUTY MAYOR**  
JENNIFER ROBERTSON

**MAYOR**  
CONRAD LEE

**CITY COUNCIL**  
CLAUDIA BALDUCCI  
JOHN CHELMINIAK  
DON DAVIDSON  
JOHN STOKES  
KEVIN WALLACE

**DIRECTOR OF TRANSPORTATION**  
DAVID BERG

### SCHEDULE OF DRAWINGS

SHEET	DRAWINGS
1	COVER SHEET
2	GENERAL NOTES AND LEGEND
3	WALL PROFILES AND DETAILS
4	CIVIL PLAN

**60% DESIGN**

**PROJECT LOCATION**

**C.I.P. NUMBER PW-M-19  
BID NUMBER 13002**

<b>APPROVED FOR CONSTRUCTION</b>	
TRANSPORTATION DESIGN MANAGER	DATE
PROJECT MANAGER	DATE

Received  
NOV 30 2012  
Perrin SAQUAH

**CONSTRUCTION LEGEND**

	EXISTING	PROPOSED	
(X) CONSTRUCTION NOTE			WOOD FENCE
(SXX) SIGN NOTE	---x---x---x	---x---x---x	SIGN
(X) CHANNELIZATION NOTE	+	+	UTILITY POLE
(X) DRAINAGE NOTE	○	●	STORM DRAIN MANHOLE
(RX) CURB RETURN DATA POINT	⊕	⊕	POWER VAULT
---+--- CONSTRUCTION CENTERLINE	[P]	[P]	CATCH BASIN
---+--- CITY OF BELLEVUE RIGHT-OF-WAY	⊞	⊞	FIRE HYDRANT
---+--- PROPERTY LINE	⊞	⊞	WATER METER
---+--- CONSTRUCTION EASEMENT	⊞	⊞	WATER VALVE
[1234] PARCEL NUMBER	⊞	⊞	GAS VALVE
---C--- APPROX. CUT LINE	⊞	⊞	SANITARY SEWER MANHOLE
---F--- APPROX. FILL LINE	○	●	CABLE TELEVISION OR TELEPHONE RISER
---G--- APPROX. CLEAR AND GRUB LIMITS	○	○	DECIDUOUS TREE
---+--- CURB	⊞	⊞	SHRUB
⊞⊞⊞⊞ ROCK WALL	⊞	⊞	CONIFER TREE
---P--- ELECTRICAL LINE			
---SD--- STORM DRAIN			
---W--- WATER LINE			
---SS--- SANITARY SEWER			
---G--- GAS LINE			
---T--- TELEPHONE LINE			
---W--- CABLE TV LINE			
---FO--- FIBER OPTIC CABLE			
[Hatched] NEW WALL			
[Dotted] CONCRETE SIDEWALK			
[Diagonal] 10" HMA PATCH BACK			

**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 AS STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THE PROJECT. IT IS ANTICIPATED WORK HOURS FOR CONSTRUCTION ACTIVITIES THAT DO NOT IMPED TRAFFIC SHALL BE MONDAY THROUGH FRIDAY 9:00 AM TO 3:30 PM AND SATURDAY 9 AM TO 6 PM.
3. A SIGNED PEDESTRIAN DETOUR SHALL BE PROVIDED BY THE CONTRACTOR DURING CONSTRUCTION.
4. CONTRACTOR SHALL SUBMIT PROJECT SPECIFIC TRAFFIC CONTROL PLAN FOR APPROVAL BY THE CITY AT LEAST 10 DAYS PRIOR TO START OF CONSTRUCTION..

**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 2.5 INCH ETHAFOAM PAD PER THE SPECIAL PROVISIONS 7-08.3(2);
3. THE CONTRACTOR SHALL MAINTAIN 11 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.

**SURVEY AND CENTERLINE CONTROL**



NE 20 ST CENTERLINE:  
 STA 10+00.00 ESTABLISHED WITH 0' OFFSET:  
 MONUMENT H2729  
 NORTING 231853.142  
 EASTING 1314850.050  
 INTERSECTION OF 140 AVE NE AND NE 20 ST.  
 AND A BEARING OF S88° 13' 52.14"E TO THE  
 INTERSECTION OF NE 20 ST AND 148 AVE NE

NO.	DATE	BY	APPR.	REVISIONS

Approved By	
TRANSPORTATION DESIGN MANAGER	DATE
PROJECT MANAGER	DATE

C. Mosek 11/12  
 DESIGNED BY DATE  
 C. Mosek 11/12  
 DRAWN BY DATE  
 C. Mosek 11/12  
 CHECKED BY DATE

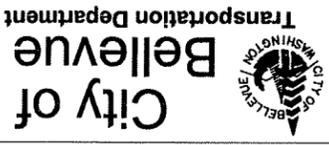


**NE 20 STREET ROCKERY REPLACEMENT (2-60)**

Received  
 NOV 30 2012  
 GENERAL NOTES & LEGEND  
 Permit Processing

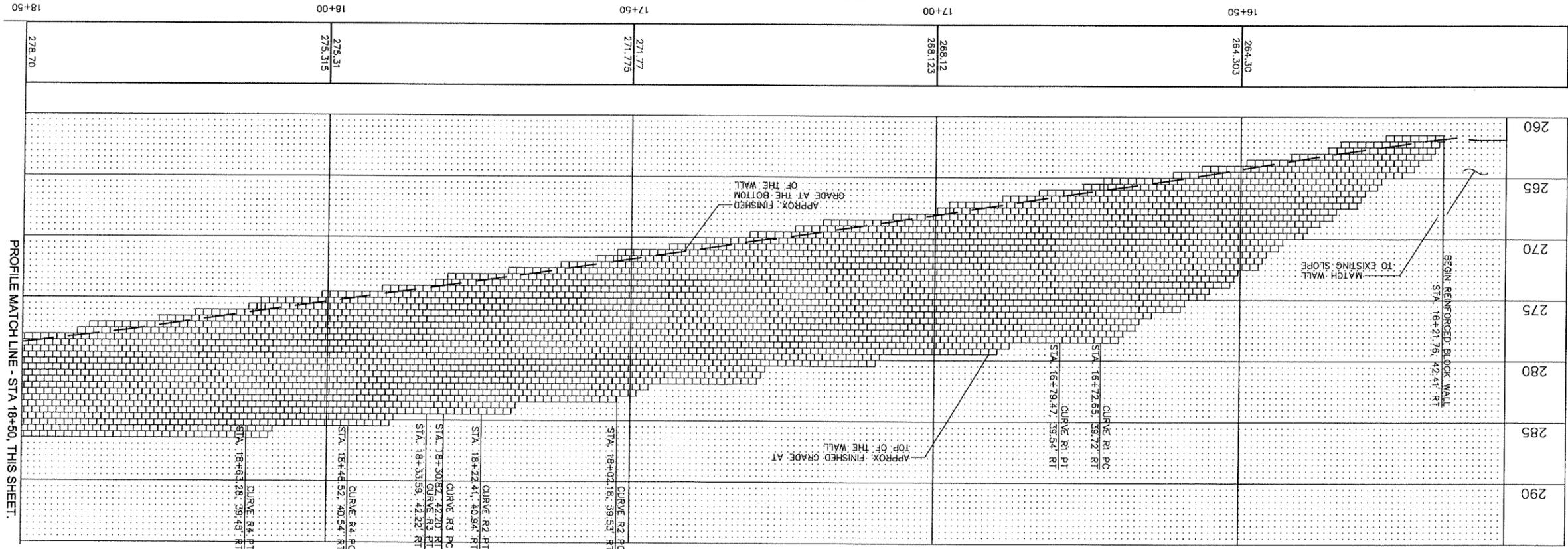
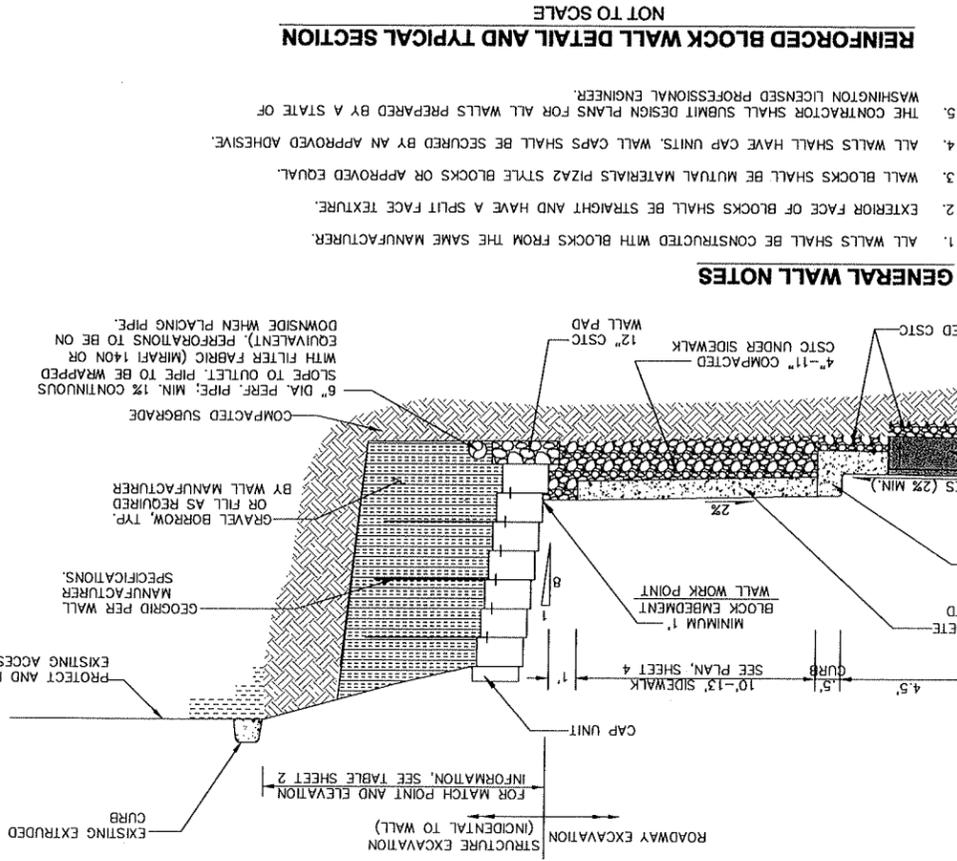
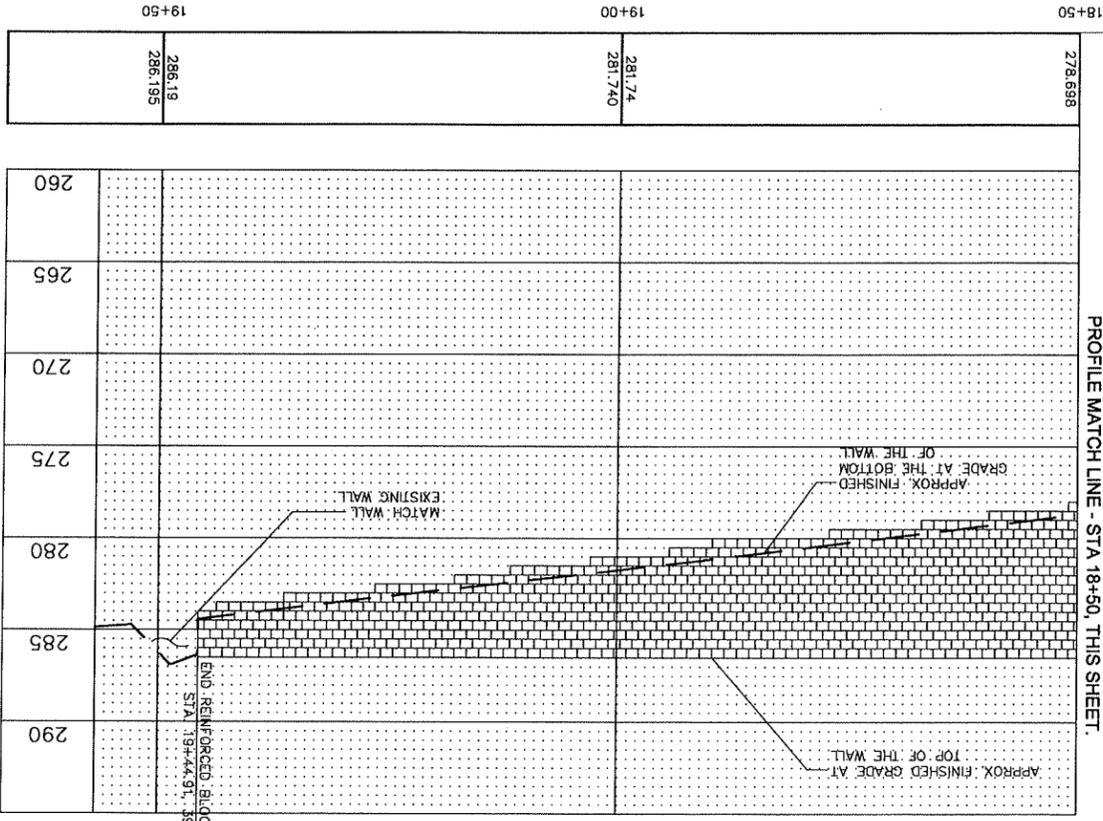
NO.	DATE	BY	APPR.	REVISIONS

<b>Approved By</b>	
TRANSPORTATION DESIGN MANAGER	DATE
PROJECT MANAGER	DATE
C. Mosak	11/12
DESIGNED BY	DATE
C. Mosak	11/12
DRAWN BY	DATE
C. Mosak	11/12
CHECKED BY	DATE
C. Mosak	11/12



# NE 20 STREET ROCKERY REPLACEMENT (2-60)

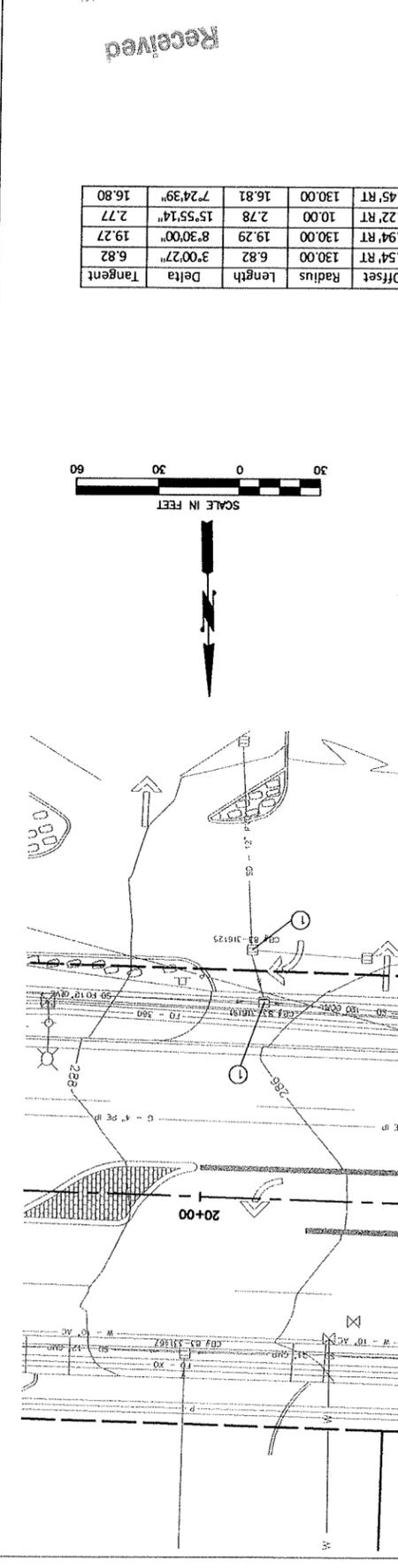
WALL PROFILE AND DETAILS  
 NOV 30 2012  
 Permit Processing  
 SH 3 OF 4



**REINFORCED WALL - APPROXIMATE QUANTITIES**

MAX HEIGHT	13.6 FT
TOTAL WALL SF	3000 SF
PAYMENT SF	2800 SF

Received



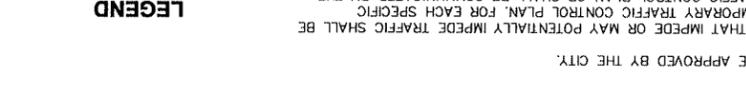
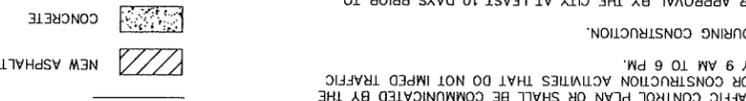
# NE 20 STREET ROCKERY REPLACEMENT (2-60)

### GRADING AND MATCH POINT TABLE

Station	Match Point Elev	Slope Match	Point Offset	Back of Sidewalk	Back of Offset	Offset	Finished Elev of Proposed Wall	Height of Wall (ft)
16+20	269.78	57.53	262.09	40.69	265.00	2.91		
16+40	274.79	56.92	263.59	40.44	270.00	6.41		
16+60	280.99	56.3	265.23	39.39	276.00	10.77		
16+80	283.16	55.68	266.69	38.54	278.25	11.56		
17+00	283.83	54.91	268.22	38.54	279.25	11.03		
17+20	285.06	54.86	269.73	38.54	280.50	10.77		
17+40	286.26	54.81	271.15	38.53	281.75	10.6		
17+60	287.7	54.79	272.6	38.52	283.00	10.4		
17+80	289.04	54.8	274.04	38.52	284.50	10.46		
18+00	289.88	54.85	275.41	38.52	285.50	10.09		
18+20	290.69	54.89	276.84	39.6	286.50	9.66		
18+40	290.84	56.31	278.2	40.38	286.50	8.3		
18+60	290.15	56.13	279.42	38.49	286.50	7.08		
18+80	289.45	55.94	280.66	38.43	286.50	5.84		
19+00	288.88	55.8	281.84	38.42	286.50	4.66		
19+20	288.23	55.75	282.99	38.41	286.50	3.51		
19+40	287.49	55.32	284.19	38.27	286.50	2.31		

### CURVE DATA

Curve No.	PC Station/Offset	PT Station/Offset	Radius	Length	Delta	Tangent
R1	16+72.65, 39.72' RT	16+79.47, 39.54' RT	130.00	6.82	3°00'27"	6.82
R2	18+02.18, 39.53' RT	18+22.41, 40.94' RT	130.00	19.29	8°30'00"	19.27
R3	18+30.82, 42.20' RT	18+33.59, 42.22' RT	10.00	2.78	15°55'14"	2.77
R4	18+46.52, 40.54' RT	18+63.28, 39.45' RT	130.00	16.81	7°24'39"	16.80



### TRAFFIC CONTROL NOTES

- TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE CITY.
- THE HOURS FOR CONSTRUCTION ACTIVITY, LANE CLOSURES, OR ACTIVITIES THAT IMPEDS OR MAY POTENTIALLY IMPEDS TRAFFIC SHALL BE ESTABLISHED THROUGH THE APPROVAL PROCESS FOR EACH INDIVIDUAL TEMPORARY TRAFFIC CONTROL PLAN. FOR EACH SPECIFIC ACTIVITY, THE WORK HOURS SHALL BE AS STATED ON THE TEMPORARY TRAFFIC CONTROL PLAN OR SHALL BE COMMUNICATED BY THE INSPECTOR ASSIGNED TO THE PROJECT. IT IS ANTICIPATED WORK HOURS FOR CONSTRUCTION ACTIVITIES THAT DO NOT IMPED TRAFFIC SHALL BE MONDAY THROUGH FRIDAY 9:00 AM TO 3:30 PM AND SATURDAY 9 AM TO 6 PM.
- A SIGNED PEDESTRIAN DETOUR SHALL BE PROVIDED BY THE CONTRACTOR DURING CONSTRUCTION.
- CONTRACTOR SHALL SUBMIT PROJECT SPECIFIC TRAFFIC CONTROL PLAN FOR APPROVAL BY THE CITY AT LEAST 10 DAYS PRIOR TO START OF CONSTRUCTION.

### CONSTRUCTION NOTES

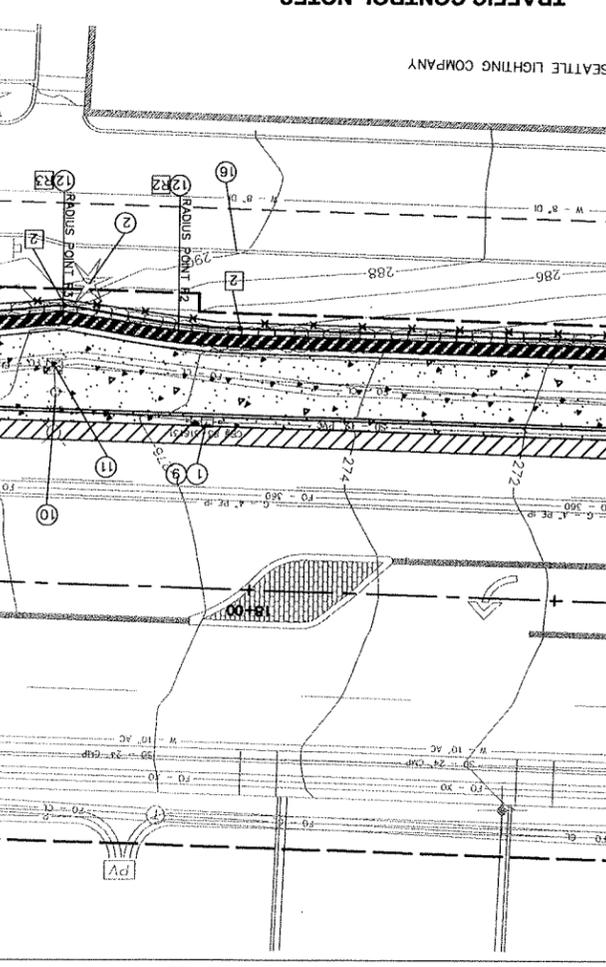
- PROVIDE AND INSTALL CATCH BASIN INLET PROTECTION PER COB STD. DWG. NO. EC-6.
- REMOVE EXISTING TREE AND STUMP AS DIRECTED BY THE ENGINEER.
- REMOVE EXISTING ASPHALT CONCRETE PAVEMENT AS DIRECTED BY THE ENGINEER.
- REMOVE EXISTING CEMENT CONCRETE CURB AND GUTTER AS DIRECTED BY THE ENGINEER.
- REMOVE EXISTING CEMENT CONCRETE SIDEWALK AS DIRECTED BY THE ENGINEER.
- RETAINING WALL PER GRADE TABLE THIS SHEET, AND DETAILS & PROFILE, SHEET 3.
- EXISTING TELEPHONE MANHOLE LID TO BE ADJUSTED BY OTHERS (CENTURY LINK).
- EXISTING POWER MANHOLE LID TO BE ADJUSTED BY OTHERS (PSE).
- ADJUST EXISTING MANHOLE OR CATCH BASIN TO FINISHED GRADE PER BELLEVUE STD. DWG. NO. D-23.
- DISCONNECT AND REMOVE STREET LIGHT STANDARD FOR THE DURATION OF CONSTRUCTION. PROTECT FOUNDATION AND POLE DURING CONSTRUCTION. RE-INSTALL STREET LIGHT STANDARD AND RECONNECT AFTER CONSTRUCTION IS COMPLETE.
- ADJUST JUNCTION BOX TO FINISHED GRADE.
- CONSTRUCT REINFORCED BLOCK WALL PER GRADING TABLE, THIS SHEET AND PROFILE, SHEET 3.
- RE-GRADE BEHIND NEW WALL PER GRADING TABLE, THIS SHEET.
- CONSTRUCT 24" CEMENT CONCRETE TRAFFIC CURB AND GUTTER AND PATCH BACK WITH HMA CL A PG 64-22 PER BELLEVUE STD DWG NO. TE-10 AND TYPICAL SIDEWALK SECTION, SHEET 3.
- CONSTRUCT CEMENT CONCRETE SIDEWALK, 5" DEPTH, OVER 4"-11" COMPACTED CSTC PER TYPICAL SIDEWALK SECTION DETAIL, SHEET 3.
- CONSTRUCT 6 FT CHAIN LINK FENCE TYPE 3 WITH COATING PER WSDOT STD. PLAN NO. L-2010-02.
- REPLACE CONCRETE CEMENT EXTRUDED CURB PER BELLEVUE STD. DWG. NO. TE-10 AS DIRECTED BY THE ENGINEER.

### DRAINAGE NOTES

- PROVIDE AND INSTALL GATCH BASIN TYPE 1 WITH A LOCKING FRAME AND SOLID COVER PER BELLEVUE STD. DWG. NO. D-2. D-8 & D-9. ADJUST TO FINISHED GRADE PER BELLEVUE STD. DWG. NO. D-23.
- PROVIDE AND INSTALL 6" PERFORATED UNDERDRAIN PIPE AND CLEANOUTS BEHIND WALL PER BELLEVUE STD. DWG NO. D-52 AND REINFORCED BLOCK WALL DETAIL, SHEET 3.
- PROVIDE AND INSTALL 8" PVC PIPE STORM SEWER PIPE PER BELLEVUE STD. DWG. NO. D-25 AND D-46. PLACE PIPE WITH A MIN. SLOPE 2%

### APPROVED BY

DATE	DESIGNED BY	DATE
11/12	C. Masek	11/12
DATE	DRAWN BY	DATE
11/12	C. Masek	11/12
DATE	CHECKED BY	DATE
11/12	C. Masek	11/12



### GRADING AND MATCH POINT TABLE

Station	Match Point Elev	Slope Match	Point Offset	Back of Sidewalk	Back of Offset	Offset	Finished Elev of Proposed Wall	Height of Wall (ft)
16+20	269.78	57.53	262.09	40.69	265.00	2.91		
16+40	274.79	56.92	263.59	40.44	270.00	6.41		
16+60	280.99	56.3	265.23	39.39	276.00	10.77		
16+80	283.16	55.68	266.69	38.54	278.25	11.56		
17+00	283.83	54.91	268.22	38.54	279.25	11.03		
17+20	285.06	54.86	269.73	38.54	280.50	10.77		
17+40	286.26	54.81	271.15	38.53	281.75	10.6		
17+60	287.7	54.79	272.6	38.52	283.00	10.4		
17+80	289.04	54.8	274.04	38.52	284.50	10.46		
18+00	289.88	54.85	275.41	38.52	285.50	10.09		
18+20	290.69	54.89	276.84	39.6	286.50	9.66		
18+40	290.84	56.31	278.2	40.38	286.50	8.3		
18+60	290.15	56.13	279.42	38.49	286.50	7.08		
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