



DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT
ENVIRONMENTAL COORDINATOR
450 110th 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. 08-133864-GC
Project Name/Address: NE 8th Sidewalk Project
Planner: Mark Cross
Phone Number: 425-452-6938

Minimum Comment Period: 14 days

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map included in checklist
- Plans
- Other:

ENVIRONMENTAL CHECKLIST

10/31/08

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). Assistance for the hearing impaired: Dial 711 (Telecommunications Relay Service).

BACKGROUND INFORMATION

Property Owner: *City of Bellevue*

Proponent: *City of Bellevue Transportation Department*

Contact Person: *Marina Arakelyan, PE*

(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: *450 110th Street NE, Bellevue, WA 98004*

Phone: *425-452-4632*

Proposal Title: *NE 8th Street Sidewalk Project*

Proposal Location: *NE 8th Street between 96th Avenue and Lake Washington Boulevard*
(Street address and nearest cross street or intersection) Provide a legal description if available.

Please attach an 8 1/2" x 11" vicinity map that accurately locates the proposal site. *See Figure 1 on page 3.*

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

1. General description: *The City of Bellevue proposes to extend sidewalks on the north side of NE 8th Street between Lake Washington Boulevard and 96th Avenue NE. This street is a major pedestrian route to downtown Bellevue and this project will link sidewalks constructed in 2004. The project includes a new 6-foot wide sidewalk, curb and gutter, landscape strips, ADA ramps, a three-foot striped shoulder, and preparation of a gateway treatment area at Lake Washington Boulevard. Modifications to the existing traffic signal at 92nd Avenue NE will include audible pedestrian push buttons and countdown signals at all approaches, a new luminaries, a new service cabinet, new street name signs and new induction loops. The removal of existing landscape will be replaced with new landscaping in a separate contract immediately following the roadway work. A cut retaining wall up to 11' high will be constructed in the eastern portion of the project. Several much shorter cut and fill walls or rockeries are to be constructed to avoid right-of-way impacts. Stormwater will be hooked up to the existing drainage system, and replacement of drainage pipes up to 12" in diameter added where necessary. Other utilities, including overhead power, telephone and cable will be relocated as necessary. A new crosswalk will be added at 95th Avenue NE. The street lights will be added where needed.*

2. Acreage of site: *Approximately 1.75 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: *None*

*Additional
12,130
square feet
of impervious
surface.*

- 6. Square footage of buildings to be constructed: *None*
- 7. Quantity of earth movement (in cubic yards): *Cut = 3,850 CY / Fill = 1380 CY* ✓
- 8. Proposed land use: *Concrete sidewalk and planter strip*
- 9. Design features, including building height, number of stories and proposed exterior materials: *N/A*
- 10. Other (see roadway plansheets)

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

Fall, 2009

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.

Geotechnical report, Cultural Resource Assessment, drainage report ✓

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.

None.

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.

*City of Bellevue Clearing and Grading permit #08-133864 CG; Applied on 10/7/08
City of Bellevue Right Of Way use permit*

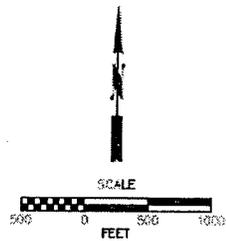
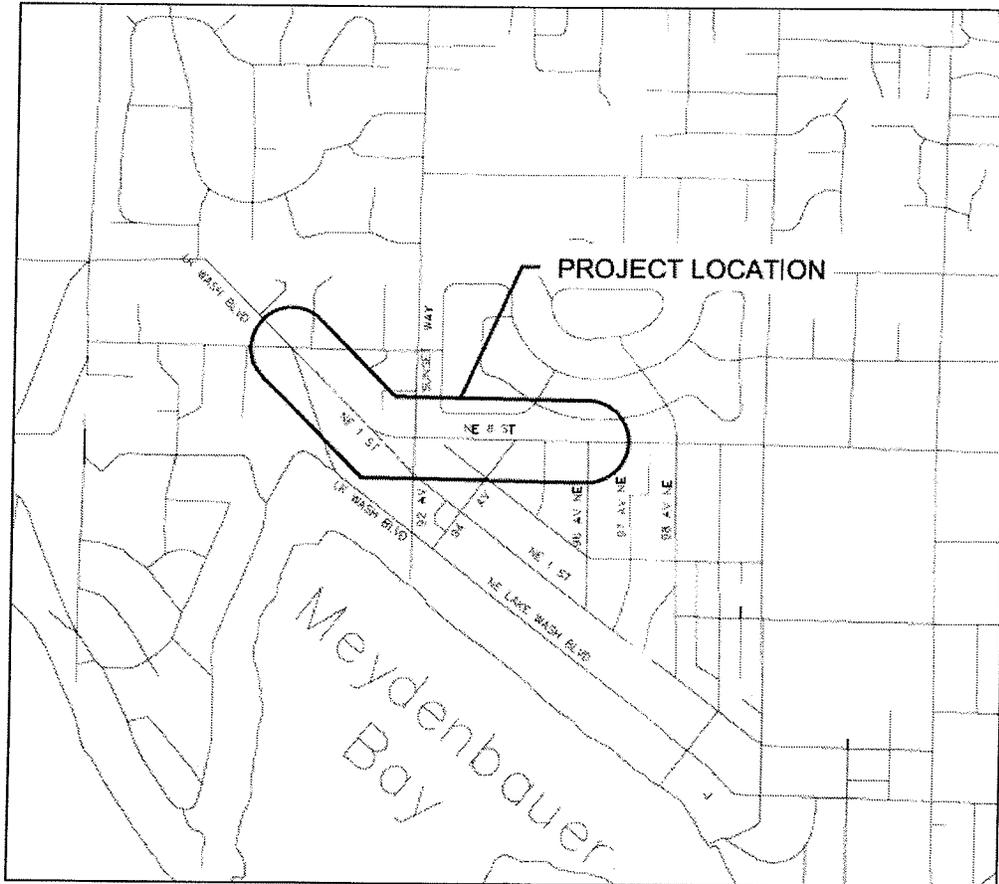
Please provide one or more of the following exhibits, if applicable to your proposal.
(Please check appropriate box(es) for exhibits submitted with your proposal):

- 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
Clearing & grading plan
- Shoreline Management Permit
Site plan

Figure 1: Vicinity Map

NE 8TH STREET SIDEWALK

LAKE WASHINGTON BLVD. TO 96TH AVENUE NE



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)?

Roadway slope - Most slopes are 0-15%.

Embankment - A sloped area located in the eastern portion of the project limits is greater than 40 percent and meets the City's definition of a critical area.

- 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.

The USDA classifies the soil in this area as AmC—Arents, Alderwood material, 6 percent to 15 percent slopes (gravelly sandy loam).

- 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.

Some cut and fill will be necessary. The overall cut will be 3,850 cubic yards. The material will be removed from the site to construct concrete curb, gutter, sidewalk, planter strip and retaining wall.

The overall fill will be 1,380 cubic yards to use it as a base material for the curb, gutter, roadway, sidewalk and gravity block wall.

Source of fill 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.

Some erosion potentially may occur during construction, though no major erosion or land sliding is expected. Erosion BMP's will be employed and inspected during construction in accordance with City standards.

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

Approximately 12,130 s.f. of new impervious surface will be added including asphalt (for roadway shoulder) or concrete (for sidewalk). A four-foot landscaping strip will be included where there is enough width in the right-of-way, and a gateway triangle where NE 1st meets Lake Washington Boulevard will be prepared for landscaping (curbs, topsoil and irrigation), a total of approximately 13 percent of the entire project area.

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 will primarily include the installation of silt fences, and temporary inlet protection. 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.

Dust can result from excavation during summer months; trucks will produce slightly elevated emissions; odor will be produced when the asphalt is laid in the roadway. Emissions are temporary; the finished project is not expected to increase emissions over time. In fact emissions may be reduced by the enhancement of pedestrian facilities (more people will walk when the sidewalks are completed and connect through from downtown to Lake Washington Boulevard.

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 is an un-named seasonal stream at the western end of the project area. The existing storm system drains the western portion of the road to this stream. The eastern portion drains directly to Lake Washington.

(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 work is proposed in any waters or within 200 feet of Lake Washington.

(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.

No waste materials will be discharged.

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 conveyed through existing storm drainage facilities which would drain the western end of the project into an unnamed seasonal stream and the eastern portion directly to 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:

Erosion control measures required by City of Bellevue codes and the 1992 DOE Stormwater Manual will be utilized to control run-off.

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: spruce, hemlock

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?

Grass, shrubs and approximately 39 trees will be removed.

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:

Vegetation will be preserved where possible. 39 trees that are removed will be replaced with approximately 48 trees within the landscaping strip provided adjacent to the new roadway in a landscape contract shortly after construction of the roadway improvements. At the intersection of Lake Washington Blvd/NE 1st St. groundcover will be installed at the corner of NE 10th St./NE 1st St., the nose of the reconstructed gateway island and at the east side of the right turn lane from Lake Washington Blvd. to NE 1st St. In addition, plantings and a gateway statement, possibly with a sign structure will be installed within

to be negotiated with owners.

plantings on private property

Impact of removing existing trees, shrubs and groundcover to be mitigated with street trees and mix of shrubs + ground cover in disturbed Right of Way.

the reconstructed island.

Comment [MA1]: Add more about gateways and both corners of the intersection.

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.

None known.

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

The Puget Sound is part of the Pacific Northwest flyway.

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

None necessary.

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.

Some electricity serves the street lights and signals, though this is not expected to increase significantly over current usage.

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 necessary.

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.

Typical possibility of oil spills, lubricants, and solvents from trucks or cars used 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. ✓

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 traffic on NE 8th 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, construction and truck equipment will add temporary noise during typical construction hours (7 a.m. to 6 p.m. weekdays). However, hours are determined on a project-by-project basis.

Any work outside normal construction hours must be submitted in writing. Construction hours per COB code 9.18.

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

To control noise impacts to adjacent residents, 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 site is currently used as a public right-of-way. Adjacent properties are single family residences.

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

No.

c. Describe any structures on the site.

Utility poles, fences and rockery wall.

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

Existing rockery wall will be removed and replaced with gravity wall. Some fences will be removed and replaced. Utility poles will be relocated.

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

Residential 3.5 dwelling units per acre (R-3.5)

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

Single Family (SF)

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

Not applicable.

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

Yes, there are critical areas within the project limits — these primarily include slopes on the north side of the right-of-way on the east end of the project. The area of this slope is approximately 4,000 square feet. This sloped area will be replaced and substantially reduced with the construction of the new gravity wall.

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 necessary.

Mitigation includes planting approx 48 trees plus ground cover + shrubs.

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

None necessary. The project is consistent with the comprehensive plan and the City's goals to provide pedestrian linkages to the downtown.

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 necessary.

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?

There are no buildings within the right-of-way. The tallest structures are light poles. Where the sloped areas exist, the project will include a retaining wall, with textured surface and covered with Boston ivy, up to 11+/- feet in height. There will be minimal area (one to two feet) between the top edge of the wall and the R/W line that will be backfilled and flattened out for native plantings. The area behind the R/W line (on private property) that is disturbed for construction of the wall will be restored to the existing condition.



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

None.

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

The use of Boston Ivy plantings will be used to improve the retaining wall's aesthetic qualities. A gateway treatment, with plantings and possibly a sign structure denoting entry into the City, is proposed in the reconstructed island at the intersection of Lake Washington Blvd./NE 1st St./NE 10th St.



11. Light and Glare

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

Light poles and car headlights would produce the main sources of light during evening and night hours.

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

No intensive glare is anticipated.

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:

Shields may be installed on light poles to minimize light intrusion on adjacent residences as necessary or as requested by the property owners.

12. Recreation

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

Lake Washington and several public parks are in the vicinity. Downtown also has several cultural and shopping opportunities. ✓

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 necessary. The project will improve pedestrian access to Lake Washington and downtown parks (including nearby Bellevue Downtown Park) and other downtown shopping and cultural amenities. ✓

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.

None.

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

None found. See the Cultural Resource Assessment report submitted with this checklist.

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 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.

NE 8th Street runs east-west and is classified as a minor arterial (City of Bellevue Arterial Classification Map plotted 12/21/2005). It is intersected by local residential streets, including: 92nd Avenue NE (a north-south collector arterial); 96th Avenue NE; 95th Avenue NE; 94th Avenue NE and 91st Lane NE. NE 8th St. will retain its existing access.

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

Yes, the area is served by several King County Metro Transit routes.

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

There are no parking spaces within the project area with the exception of one driveway access at the curve on NE 1st St. This space will be eliminated as the property's main access is from the back of the lot through an access driveway.

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, only retaining walls and driveway aprons will be installed to accommodate the improvements.

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.

There are no additional vehicular trips created by these improvements.

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

The City has discussed traffic concerns with the neighborhoods on the north leg of 92nd Avenue NE regarding traffic concerns. The traffic calming along that street is being considered but will be a stand alone project. It is assumed that any measures proposed for 92nd Avenue will not affect the project on NE 8th Street.

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.

The Project is not expected to adversely affect existing public services.

16. Utilities

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

- 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.

Existing power distribution and telephone poles on the north side of NE 8th St. east of the curve will be relocated. Transmission poles on the north side of NE 8th St., west of the curve, are currently being maintained. Water meter and valve boxes will be adjusted as required. Fire hydrants will be relocated or adjusted as required. Puget Sound Energy (PSE) is the power supplier. Qwest is telephone provider. Comcast provides cable services. The City operates the water, sewer and storm systems. There are minimal gas facilities in the area.

Signature

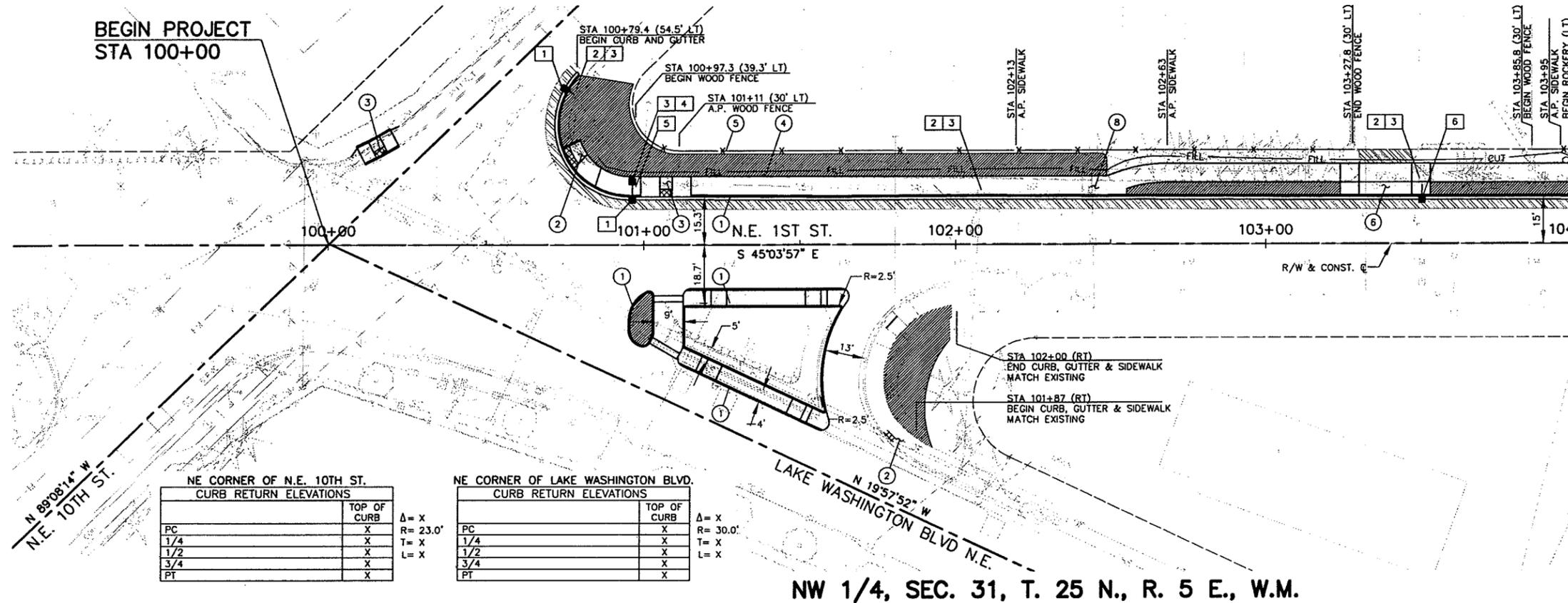
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature.....*Marabely*.....
Date Submitted.....*10/31/08*.....

*Reviewed by
Mark Cross
11/4/08*

SW 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

BEGIN PROJECT
STA 100+00



NE CORNER OF N.E. 10TH ST.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-----------|
| FC | X | R = 23.0' |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

NE CORNER OF LAKE WASHINGTON BLVD.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-----------|
| FC | X | R = 30.0' |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

NW 1/4, SEC. 31, T. 25 N., R. 5 E., W.M.

CONSTRUCTION NOTES

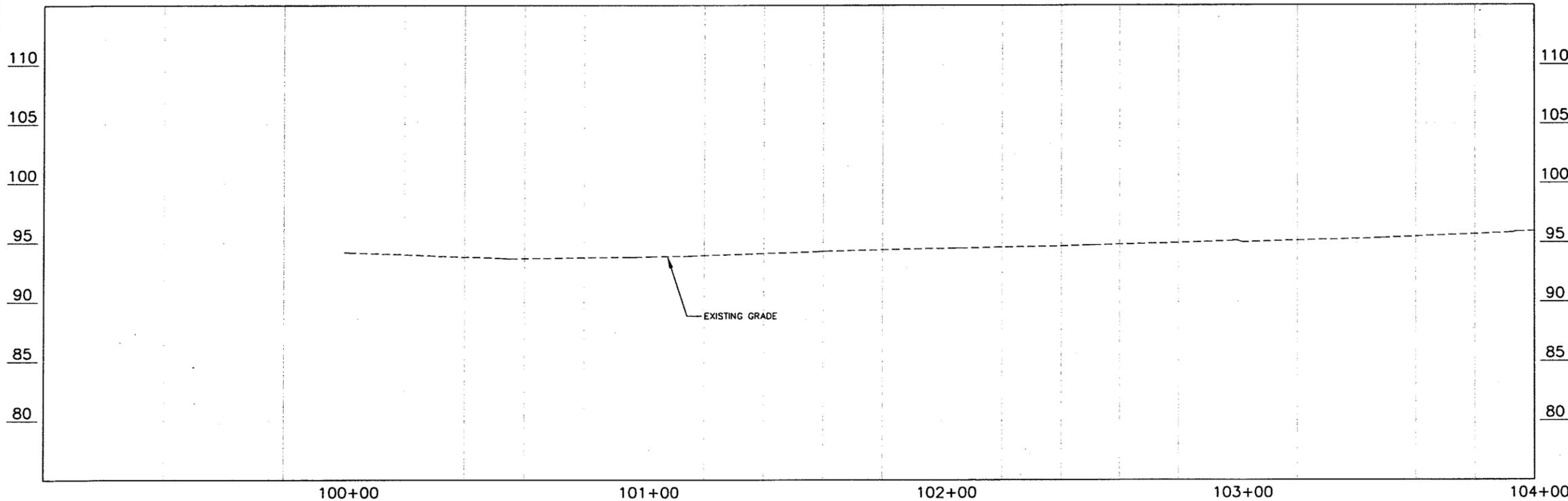
- 1 CONSTRUCT CURB AND GUTTER PER C.O.B. STD. DWG. NO. TE-10 (H=6").
- 2 CONSTRUCT SIDEWALK RAMP PER DETAIL A, SHEET MD1.
- 3 CONSTRUCT SIDEWALK RAMP TYPE 2 PER C.O.B. STD. DWG. NO. TE-13.
- 4 CONSTRUCT 6' WIDE SIDEWALK PER C.O.B. STD. DWG. NO. TE-11.
- 5 CONSTRUCT 6' TALL WOOD FENCE ON R.O.W. LINE PER DETAIL B, SHEET MD1, TO LIMITS AS DIRECTED BY THE ENGINEER.
- 6 CONSTRUCT DRIVEWAY AND APPROACH PER C.O.B. STD. DWG. NO. DEV-7A.
- 7 NOT USED THIS SHEET.
- 8 CONSTRUCT SIDEWALK AROUND OBSTACLE PER DETAIL SHEET MD2.
- 9 THRU 18 NOT USED THIS SHEET.

DRAINAGE NOTES

- 1 INSTALL CONCRETE INLET PER C.O.B. STD. DWG. NO. D-1.
- 2 ADJUST CB GRATE TO MEET PROPOSED GRADE PER C.O.B. STD. DWG. NO. D-23.
- 3 REPLACE GRATE WITH SOLID LID.
- 4 REPLACE EXISTING STRUCTURE WITH CB TYPE 2 (48" DIA. MIN) AND CONNECT TO EXISTING PIPE.
- 5 UTILITY CONFLICT, POTHOLE INFORMATION TO BE OBTAINED.
- 6 INSTALL CB TYPE 1 PER C.O.B. STD. DWG. NO. D-2.
- 7 OFFSET GRATE OPENING TO ALLOW GUTTER FLOW ENTRANCE.

LEGEND

- (X) CONSTRUCTION NOTE
- [X] DRAINAGE NOTE
- [Hatched Box] NEW HMA



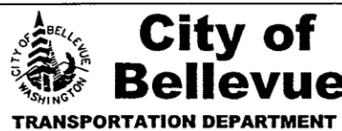
RECEIVED
 PERMITTING DIVISION
 OCT 15 2008
 60% SUBMITTING



| NO. | DATE | BY | APPR. | REVISIONS |
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Approved By

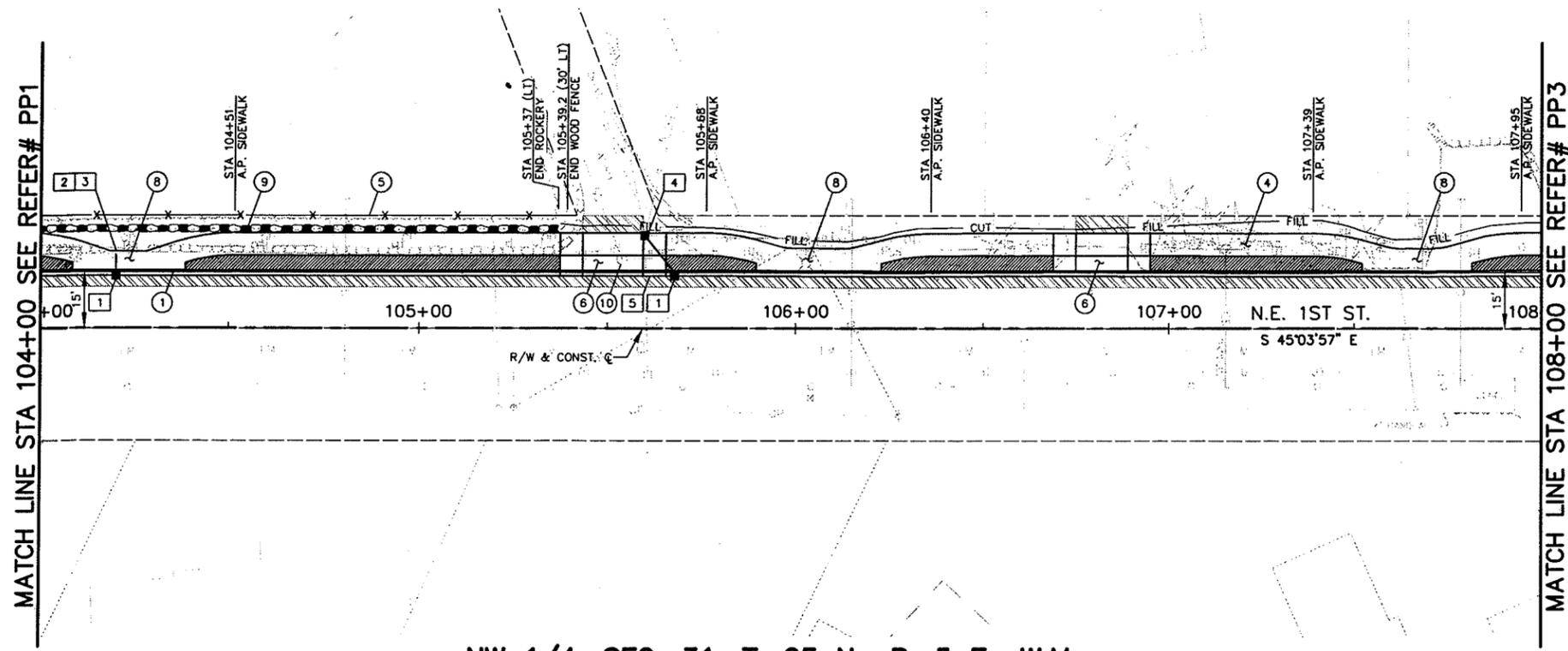
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|---|-----------------------------|------|---|----|-------------|---------|
| X | TRAFFIC ENGINEERING MANAGER | DATE | X | MH | DESIGNED BY | 8/19/08 |
| X | PROJECT MANAGER | DATE | X | TR | DRAWN BY | 8/19/08 |
| | | | | KA | CHECKED BY | 8/19/08 |



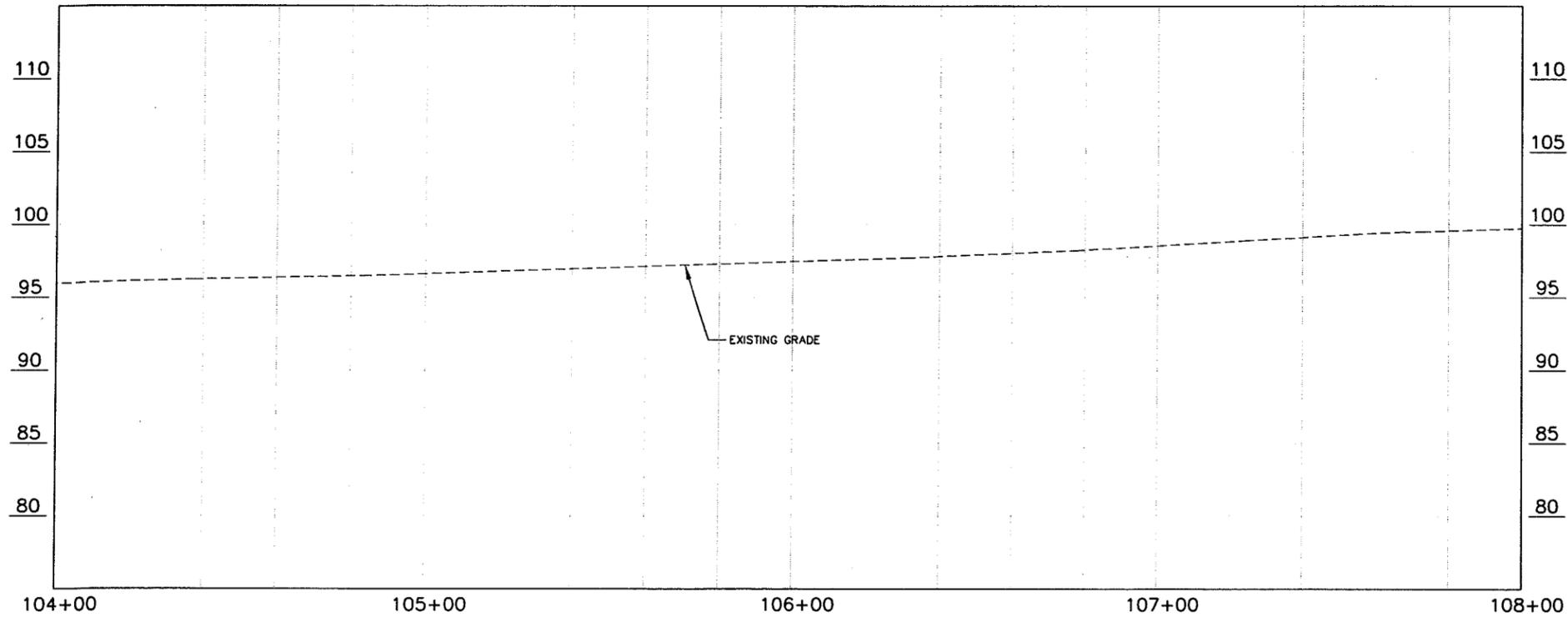
NE 8TH STREET
LAKE WASHINGTON BLVD
TO 96TH AVE NE

PLAN AND PROFILE
B.O.P. TO STA 104+00
PP1 SHT X OF X

SW 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.



NW 1/4, SEC. 31, T. 25 N., R. 5 E., W.M.



CONSTRUCTION NOTES

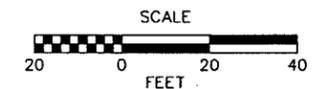
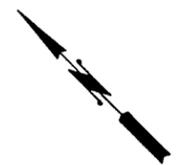
- ① CONSTRUCT CURB AND GUTTER PER C.O.B. STD. DWG. NO. TE-10 (H=6").
- ② NOT USED THIS SHEET.
- ③ NOT USED THIS SHEET.
- ④ CONSTRUCT 6' WIDE SIDEWALK PER C.O.B. STD. DWG. NO. TE-11.
- ⑤ CONSTRUCT 6' TALL WOOD FENCE ON R.O.W. LINE PER DETAIL B, SHEET MD1, TO LIMITS AS DIRECTED BY THE ENGINEER.
- ⑥ CONSTRUCT DRIVEWAY AND APPROACH PER C.O.B. STD. DWG. NO. DEV-7A.
- ⑦ NOT USED THIS SHEET.
- ⑧ CONSTRUCT SIDEWALK AROUND OBSTACLE PER DETAIL SHEET MD2.
- ⑨ CONSTRUCT ROCKERY PER C.O.B. STD. DWG. NO. EC-17.
- ⑩ ADJUST MANHOLE TO GRADE PER C.O.B. STD. DWG. NO. D-23.
- ⑪ THRU ⑱ NOT USED THIS SHEET.

DRAINAGE NOTES

- ① INSTALL CONCRETE INLET PER C.O.B. STD. DWG. NO. D-1.
- ② ADJUST CB GRATE TO MEET PROPOSED GRADE PER C.O.B. STD. DWG. NO. D-23.
- ③ REPLACE GRATE WITH SOLID LID.
- ④ REPLACE EXISTING STRUCTURE WITH CB TYPE 2 (48" DIA. MIN) AND CONNECT TO EXISTING PIPE.
- ⑤ UTILITY CONFLICT, POTHOLE INFORMATION TO BE OBTAINED.
- ⑥ INSTALL CB TYPE 1 PER C.O.B. STD. DWG. NO. D-2.
- ⑦ OFFSET GRATE OPENING TO ALLOW GUTTER FLOW ENTRANCE.

LEGEND

- ⊗ CONSTRUCTION NOTE
- ⊠ DRAINAGE NOTE
- ▨ NEW HMA



60% SUBMITTAL

| NO. | DATE | BY | APPR. | REVISIONS |
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Approved By

X TRAFFIC ENGINEERING MANAGER DATE 8/19/08
 X PROJECT MANAGER DATE 8/19/08

MH DESIGNED BY 8/19/08 DATE
 TR DRAWN BY 8/19/08 DATE
 KA CHECKED BY 8/19/08 DATE



NE 8TH STREET
 LAKE WASHINGTON BLVD
 TO 96TH AVE NE

PLAN AND PROFILE
 STA 104+00 TO STA 108+00
 PP2 SHT X OF X

SW 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

SW CORNER OF 92ND AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-----------|
| PC | X | R = 25.0' |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

SE CORNER OF 92ND AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-----------|
| PC | X | R = 20.0' |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

CONSTRUCTION NOTES

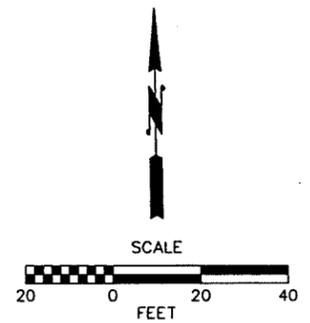
- 1 CONSTRUCT CURB AND GUTTER PER C.O.B. STD. DWG. NO. TE-10 (H=6").
- 2 NOT USED THIS SHEET.
- 3 NOT USED THIS SHEET.
- 4 CONSTRUCT 6' WIDE SIDEWALK PER C.O.B. STD. DWG. NO. TE-11.
- 5 CONSTRUCT 6' TALL WOOD FENCE ON R.O.W. LINE PER DETAIL B, SHEET MD1, TO LIMITS AS DIRECTED BY THE ENGINEER.
- 6 THRU 9 NOT USED THIS SHEET.
- 10 ADJUST MANHOLE TO GRADE PER C.O.B. STD. DWG. NO. D-23.
- 11 CONSTRUCT SIDEWALK RAMP PER DETAIL B, SHEET MD1.
- 12 THRU 16 NOT USED THIS SHEET.
- 17 CONSTRUCT MODIFIED CEMENT CONCRETE SIDEWALK RAMP PER DETAIL SHEET MD1.
- 18 CONSTRUCT SIDEWALK RAMP PER DETAIL C, SHEET MD2.

DRAINAGE NOTES

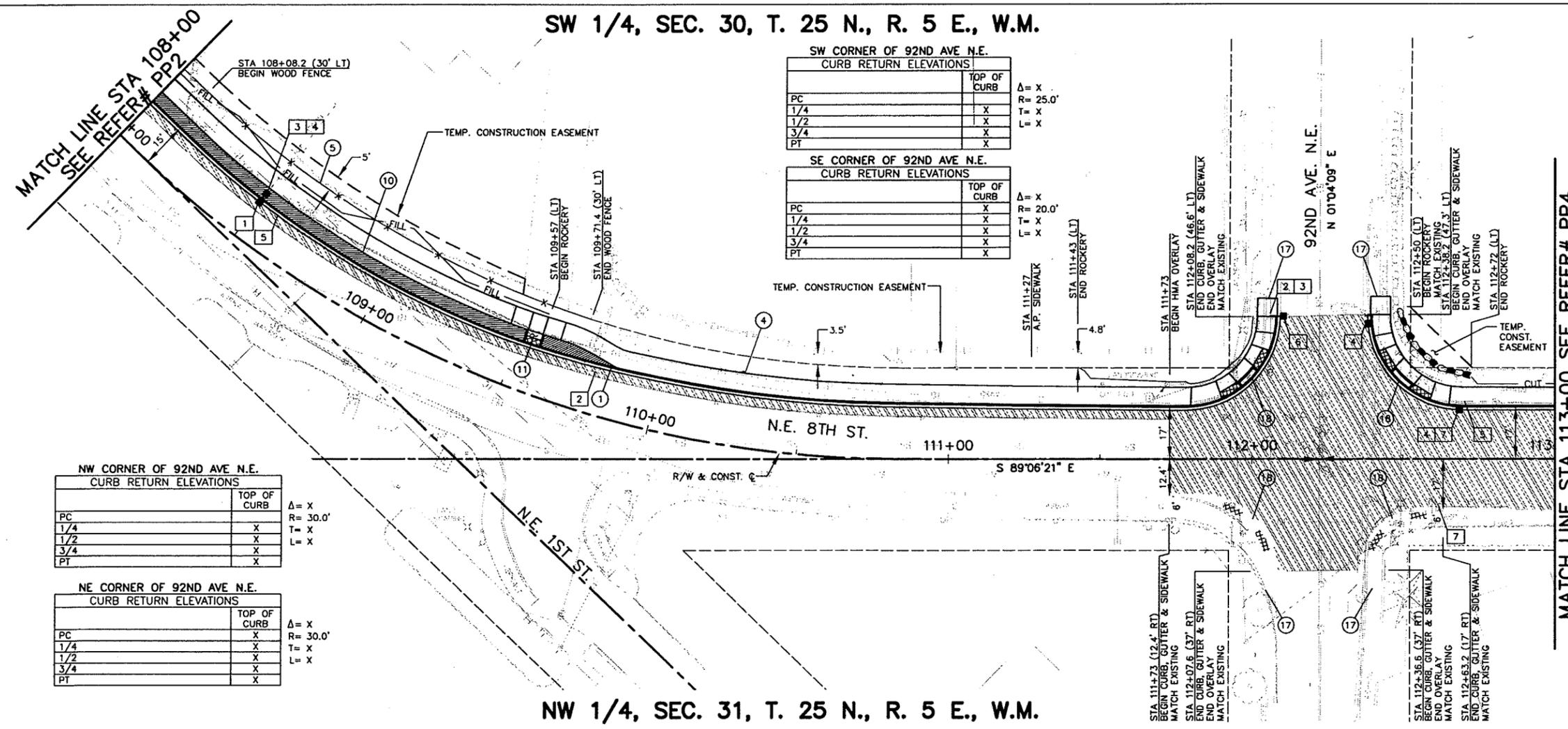
- 1 INSTALL CONCRETE INLET PER C.O.B. STD. DWG. NO. D-1.
- 2 ADJUST CB GRATE TO MEET PROPOSED GRADE PER C.O.B. STD. DWG. NO. D-23.
- 3 REPLACE GRATE WITH SOLID LID.
- 4 REPLACE EXISTING STRUCTURE WITH CB TYPE 2 (48" DIA. MIN) AND CONNECT TO EXISTING PIPE.
- 5 UTILITY CONFLICT, POT HOLE INFORMATION TO BE OBTAINED.
- 6 INSTALL CB TYPE 1 PER C.O.B. STD. DWG. NO. D-2.
- 7 OFFSET GRATE OPENING TO ALLOW GUTTER FLOW ENTRANCE.

LEGEND

- (X) CONSTRUCTION NOTE
- [X] DRAINAGE NOTE
- [Hatched Box] NEW HMA



60% SUBMITTAL



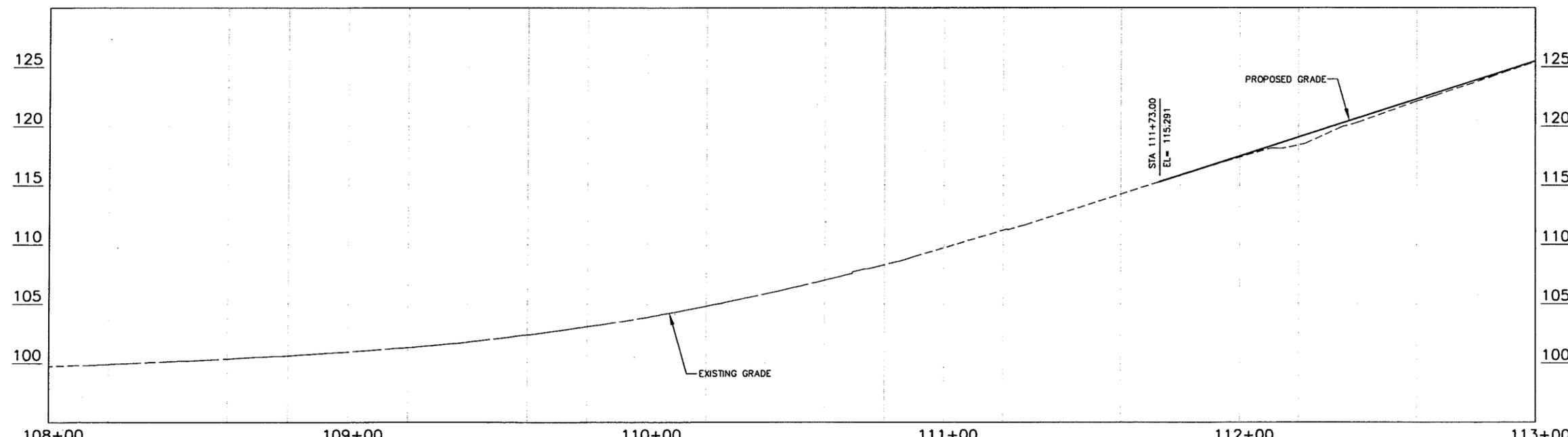
NW CORNER OF 92ND AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-----------|
| PC | X | R = 30.0' |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

NE CORNER OF 92ND AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-----------|
| PC | X | R = 30.0' |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

NW 1/4, SEC. 31, T. 25 N., R. 5 E., W.M.

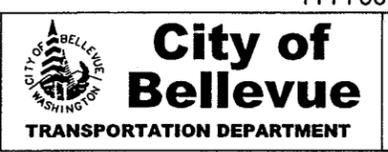


| NO. | DATE | BY | APPR. | REVISIONS |
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Approved By

X TRAFFIC ENGINEERING MANAGER DATE 8/19/08
 X PROJECT MANAGER DATE 8/19/08

MH DESIGNED BY 8/19/08 DATE
 TR DRAWN BY 8/19/08 DATE
 KA CHECKED BY 8/19/08 DATE



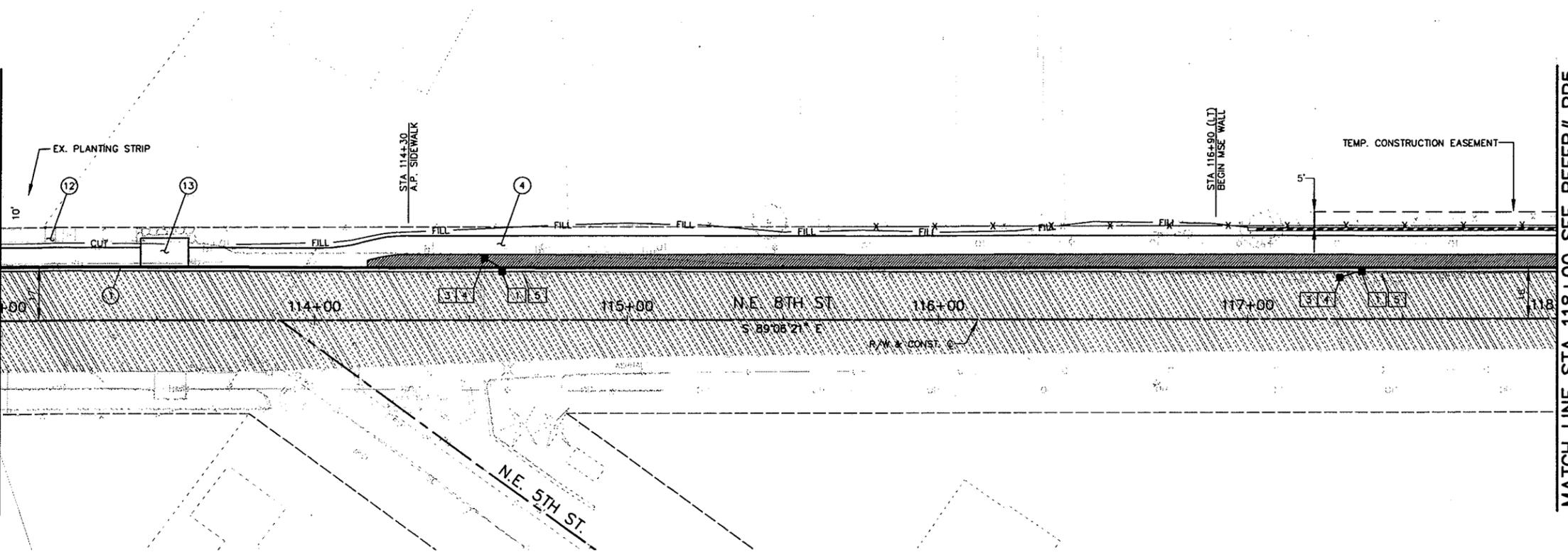
NE 8TH STREET
LAKE WASHINGTON BLVD
TO 96TH AVE NE

PLAN AND PROFILE
STA 108+00 TO STA 113+00
PP3 SHT X OF X

SE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

MATCH LINE STA 113+00 SEE REFER# PP3

MATCH LINE STA 118+00 SEE REFER# PP5



NE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

CONSTRUCTION NOTES

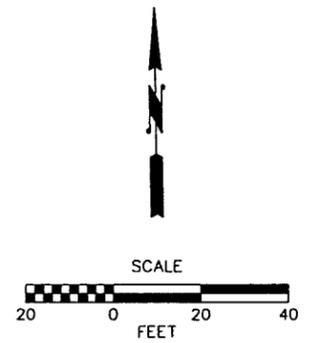
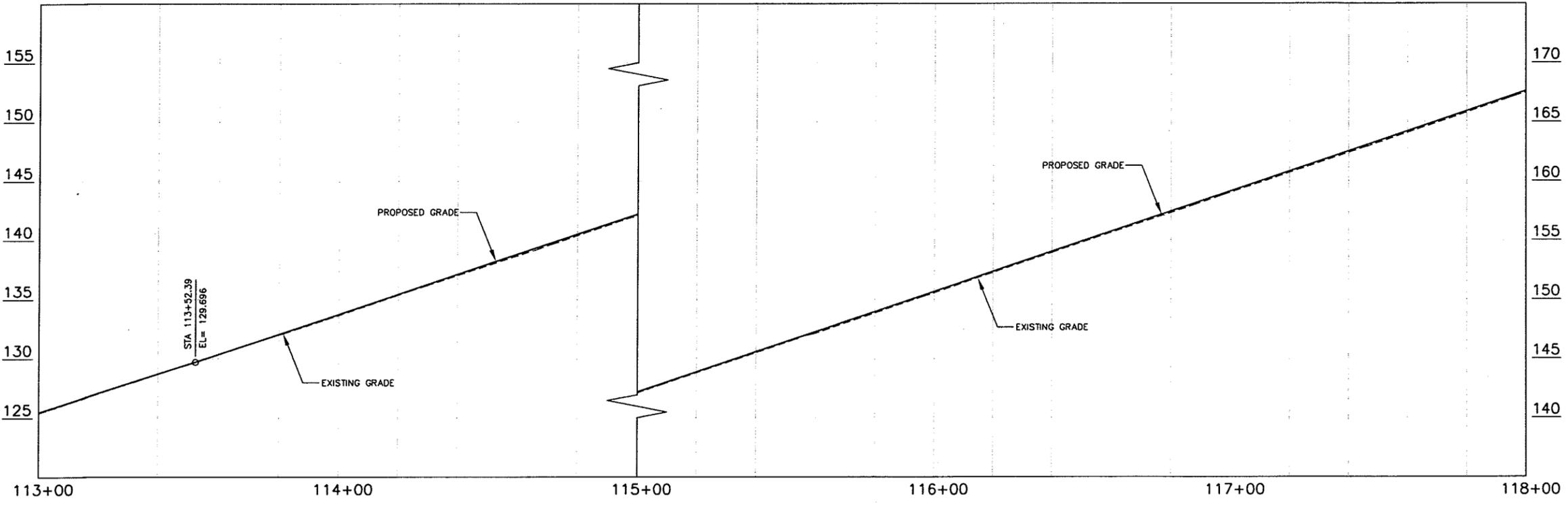
- ① CONSTRUCT CURB AND GUTTER PER C.O.B. STD. DWG. NO. TE-10 (H=6").
- ② NOT USED THIS SHEET.
- ③ NOT USED THIS SHEET.
- ④ CONSTRUCT 6' WIDE SIDEWALK PER C.O.B. STD. DWG. NO. TE-11.
- ⑤ THRU ⑪ NOT USED THIS SHEET.
- ⑫ EXTEND 5" CEMENT CONCRETE SIDEWALK TO STAIRS. MATCH BOTTOM STAIR ELEVATION AND WIDTH.
- ⑬ CONSTRUCT 8' X 10' BUS STOP PAD.
- ⑭ THRU ⑱ NOT USED THIS SHEET.

DRAINAGE NOTES

- ① INSTALL CONCRETE INLET PER C.O.B. STD. DWG. NO. D-1.
- ② ADJUST CB GRATE TO MEET PROPOSED GRADE PER C.O.B. STD. DWG. NO. D-23.
- ③ REPLACE GRATE WITH SOLID LID.
- ④ REPLACE EXISTING STRUCTURE WITH CB TYPE 2 (48" DIA. MIN) AND CONNECT TO EXISTING PIPE.
- ⑤ UTILITY CONFLICT, POT HOLE INFORMATION TO BE OBTAINED.
- ⑥ INSTALL CB TYPE 1 PER C.O.B. STD. DWG. NO. D-2.
- ⑦ OFFSET GRATE OPENING TO ALLOW GUTTER FLOW ENTRANCE.

LEGEND

- ⊗ CONSTRUCTION NOTE
- ⊠ DRAINAGE NOTE
- ▨ NEW HMA

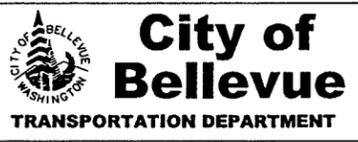


60% SUBMITTAL

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Approved By

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| X | TRAFFIC ENGINEERING MANAGER | DATE | X | MH | DESIGNED BY | 8/19/08 |
| X | PROJECT MANAGER | DATE | X | TR | DRAWN BY | 8/19/08 |
| | | | | KA | CHECKED BY | 8/19/08 |



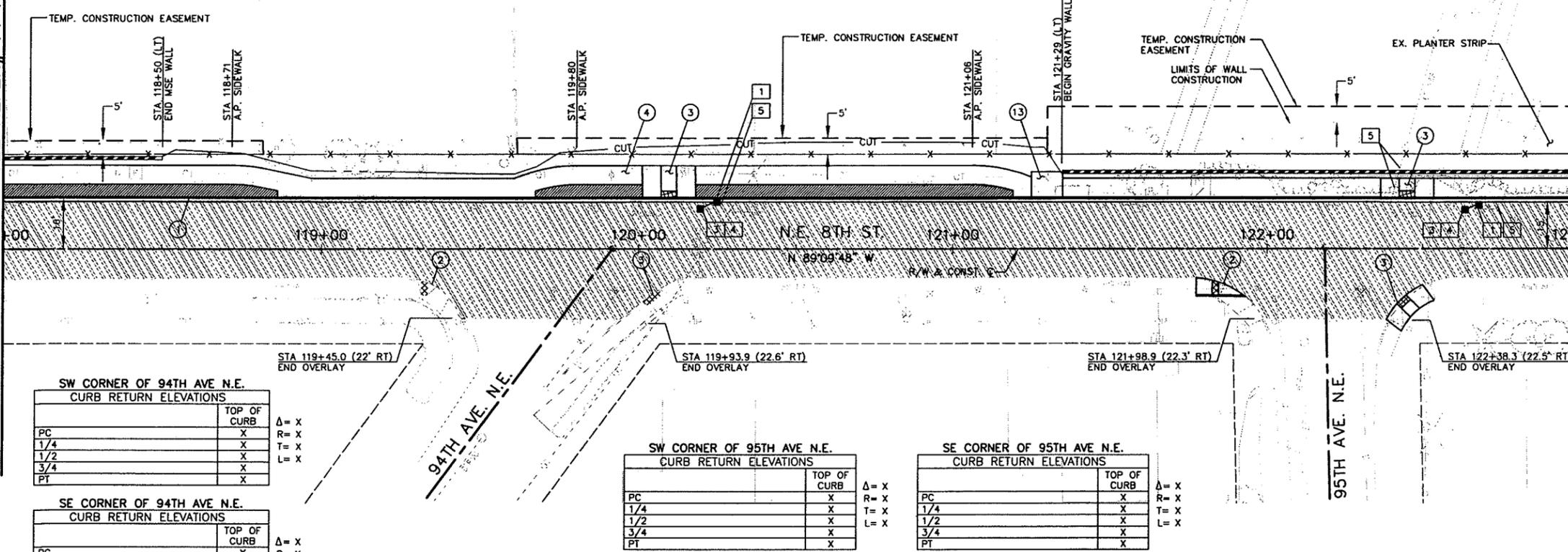
NE 8TH STREET
LAKE WASHINGTON BLVD
TO 96TH AVE NE

PLAN AND PROFILE
STA 113+00 TO STA 118+00
PP4 SHT X OF X

SE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

MATCH LINE STA 118+00 SEE REFER# PP4

MATCH LINE STA 123+00 SEE REFER# PP6



CONSTRUCTION NOTES

- ① CONSTRUCT CURB AND GUTTER PER C.O.B. STD. DWG. NO. TE-10 (H=6").
- ② CONSTRUCT SIDEWALK RAMP PER DETAIL A, SHEET MO1.
- ③ CONSTRUCT SIDEWALK RAMP TYPE 2 PER C.O.B. STD. DWG. NO. TE-13.
- ④ CONSTRUCT 6' WIDE SIDEWALK PER C.O.B. STD. DWG. NO. TE-11.
- ⑤ THRU ⑫ NOT USED THIS SHEET.
- ⑬ CONSTRUCT 8' X 10' BUS STOP PAD.
- ⑭ THRU ⑱ NOT USED THIS SHEET.

DRAINAGE NOTES

- ① INSTALL CONCRETE INLET PER C.O.B. STD. DWG. NO. D-1.
- ② ADJUST CB GRATE TO MEET PROPOSED GRADE PER C.O.B. STD. DWG. NO. D-23.
- ③ REPLACE GRATE WITH SOLID LID.
- ④ REPLACE EXISTING STRUCTURE WITH CB TYPE 2 (48" DIA. MIN) AND CONNECT TO EXISTING PIPE.
- ⑤ UTILITY CONFLICT, POT HOLE INFORMATION TO BE OBTAINED.
- ⑥ INSTALL CB TYPE 1 PER C.O.B. STD. DWG. NO. D-2.
- ⑦ OFFSET GRATE OPENING TO ALLOW GUTTER FLOW ENTRANCE.

LEGEND

- ⊗ CONSTRUCTION NOTE
- ⊠ DRAINAGE NOTE
- ▨ NEW HMA

SW CORNER OF 94TH AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-------|
| PC | X | R = X |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

SE CORNER OF 94TH AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-------|
| PC | X | R = X |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

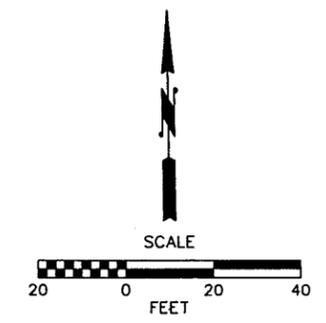
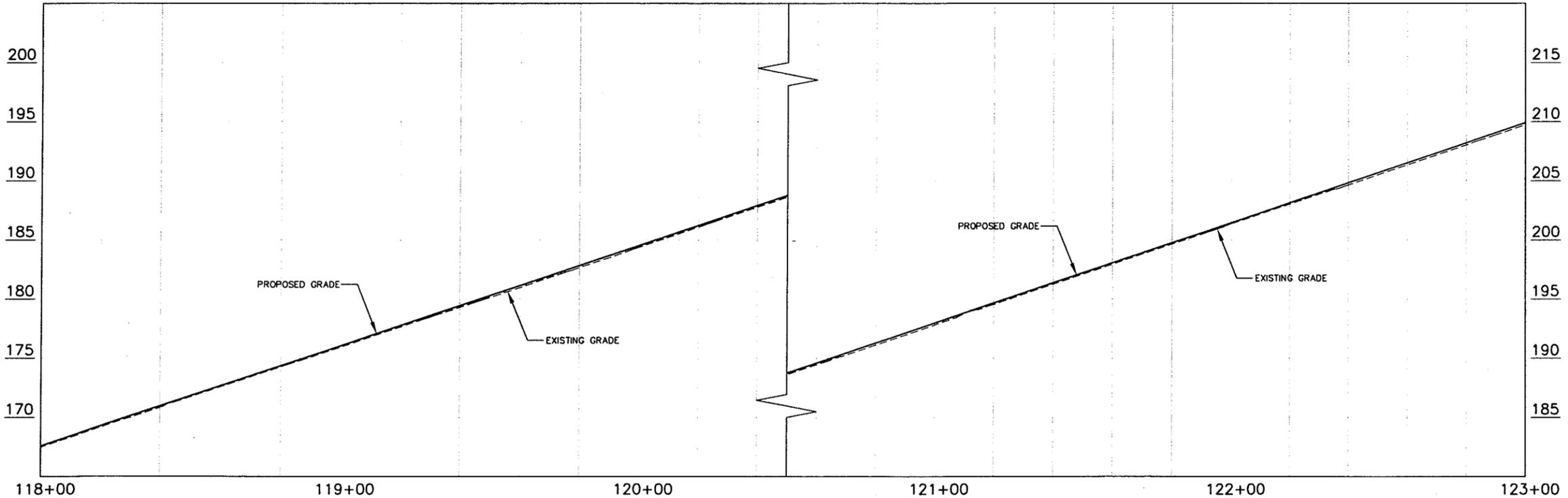
SW CORNER OF 95TH AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-------|
| PC | X | R = X |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

SE CORNER OF 95TH AVE N.E.
CURB RETURN ELEVATIONS

| | TOP OF CURB | Δ = X |
|-----|-------------|-------|
| PC | X | R = X |
| 1/4 | X | T = X |
| 1/2 | X | L = X |
| 3/4 | X | |
| PT | X | |

NE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.



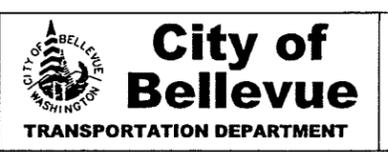
60% SUBMITTAL

| NO. | DATE | BY | APPR. | REVISIONS |
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Approved By

X TRAFFIC ENGINEERING MANAGER DATE X
X PROJECT MANAGER DATE X

MH DESIGNED BY 8/19/08 DATE
TR DRAWN BY 8/19/08 DATE
KA CHECKED BY 8/19/08 DATE



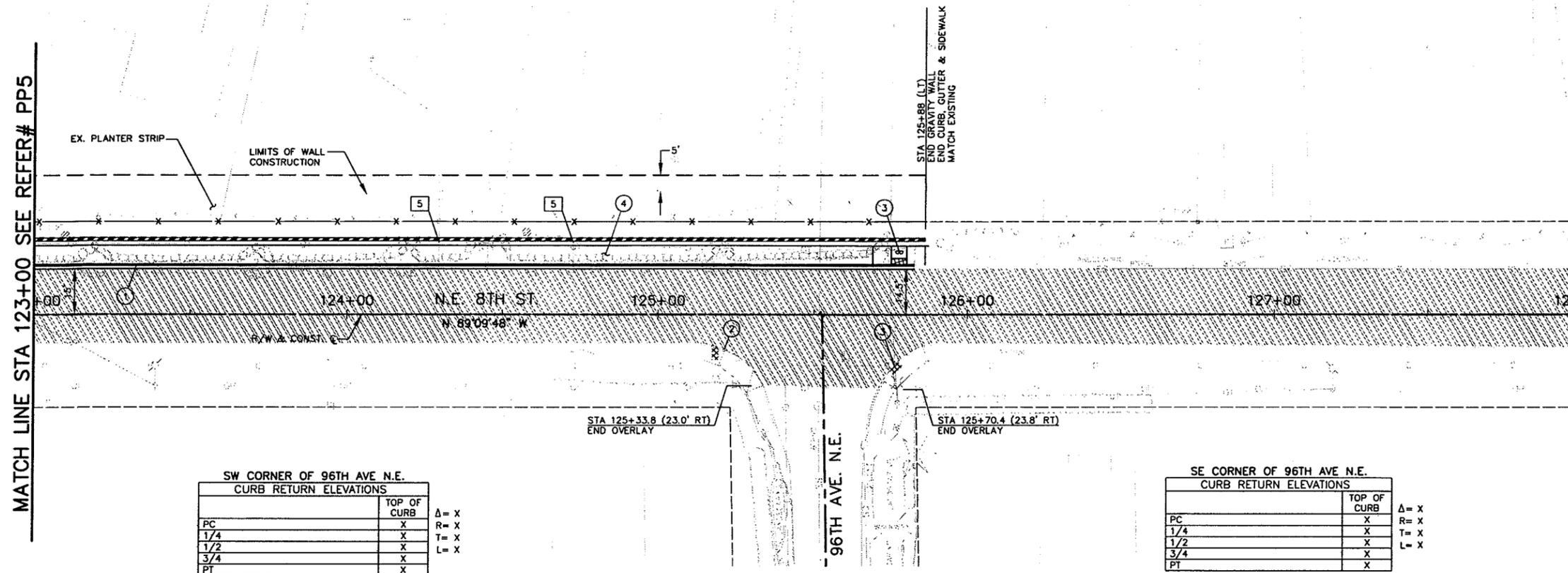
NE 8TH STREET
LAKE WASHINGTON BLVD
TO 96TH AVE NE

PLAN AND PROFILE
STA 118+00 TO STA 123+00
PP5 SHT X OF X

SE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

MATCH LINE STA 123+00 SEE REFER# PP5

MATCH LINE STA 128+00 SEE REFER# PP7



CONSTRUCTION NOTES

- ① CONSTRUCT CURB AND GUTTER PER C.O.B. STD. DWG. NO. TE-10 (H=6").
- ② CONSTRUCT SIDEWALK RAMP PER DETAIL A, SHEET MD1.
- ③ CONSTRUCT SIDEWALK RAMP TYPE 2 PER C.O.B. STD. DWG. NO. TE-13.
- ④ CONSTRUCT 6' WIDE SIDEWALK PER C.O.B. STD. DWG. NO. TE-11.
- ⑤ THRU ⑬ NOT USED THIS SHEET.

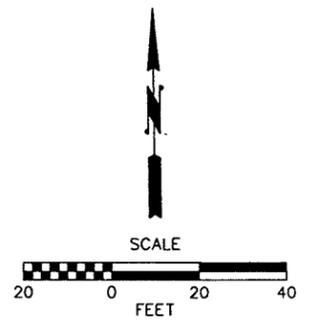
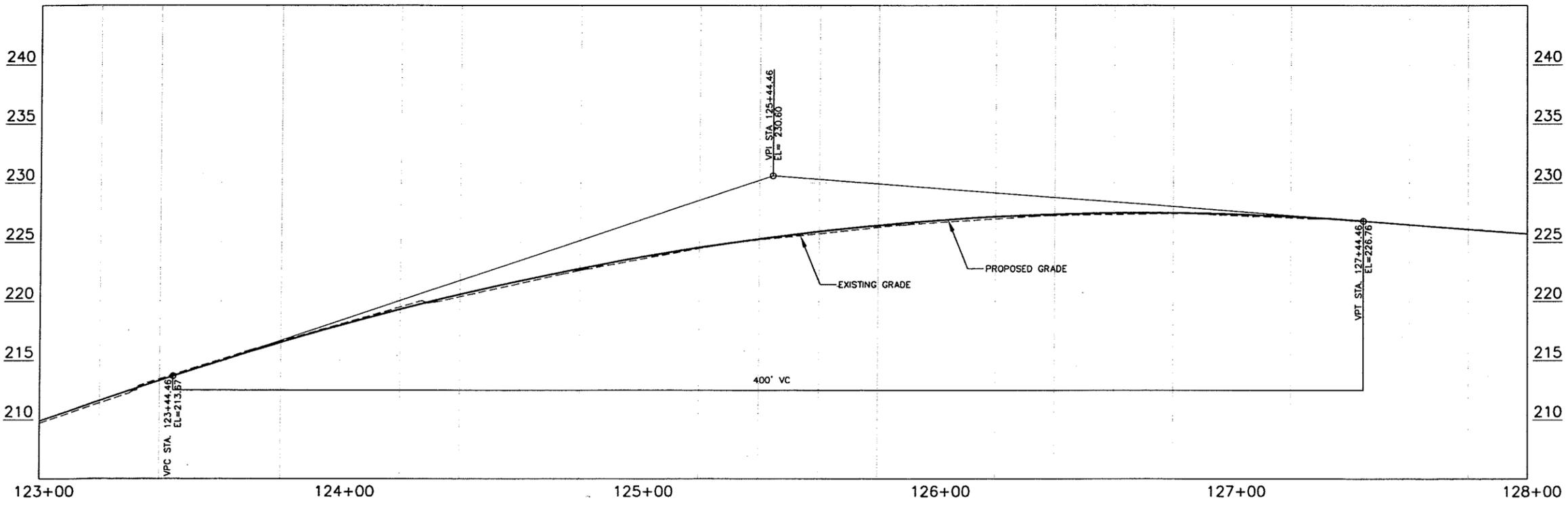
DRAINAGE NOTES

- ① INSTALL CONCRETE INLET PER C.O.B. STD. DWG. NO. D-1.
- ② ADJUST CB GRATE TO MEET PROPOSED GRADE PER C.O.B. STD. DWG. NO. D-23.
- ③ REPLACE GRATE WITH SOLID LID.
- ④ REPLACE EXISTING STRUCTURE WITH CB TYPE 2 (48" DIA. MIN) AND CONNECT TO EXISTING PIPE.
- ⑤ UTILITY CONFLICT, POTHOLE INFORMATION TO BE OBTAINED.
- ⑥ INSTALL CB TYPE 1 PER C.O.B. STD. DWG. NO. D-2.
- ⑦ OFFSET GRATE OPENING TO ALLOW GUTTER FLOW ENTRANCE.

LEGEND

- ⊗ CONSTRUCTION NOTE
- ⊠ DRAINAGE NOTE
- ▨ NEW HMA

NE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

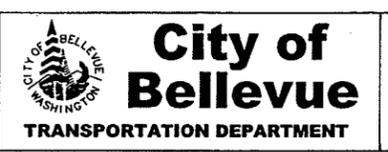


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Approved By
 X TRAFFIC ENGINEERING MANAGER
 X PROJECT MANAGER

MH 8/19/08
 TR 8/19/08
 KA 8/19/08



NE 8TH STREET
LAKE WASHINGTON BLVD
TO 96TH AVE NE

PLAN AND PROFILE
STA 123+00 TO STA 128+00
PP6 SHT X OF X

SE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.

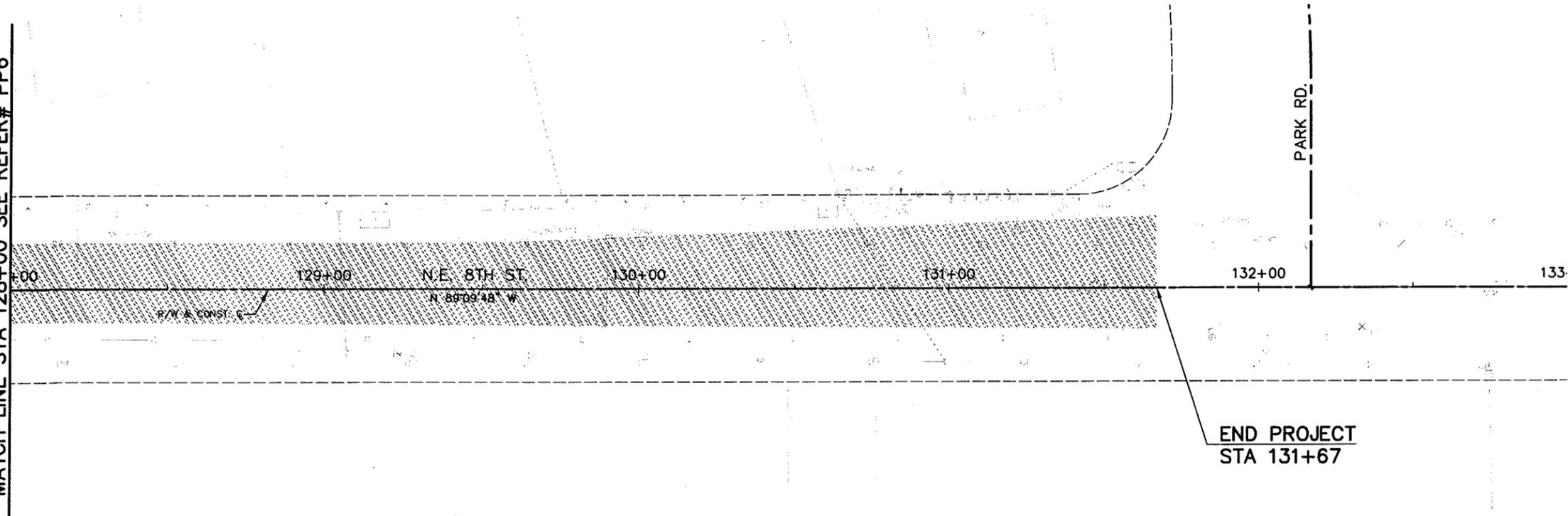
CONSTRUCTION NOTES

① THRU ⑱ NOT USED THIS SHEET.

LEGEND

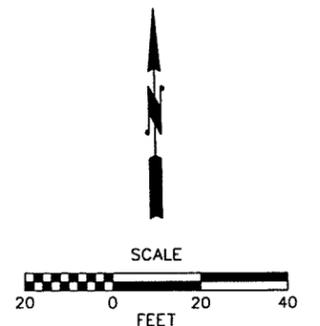
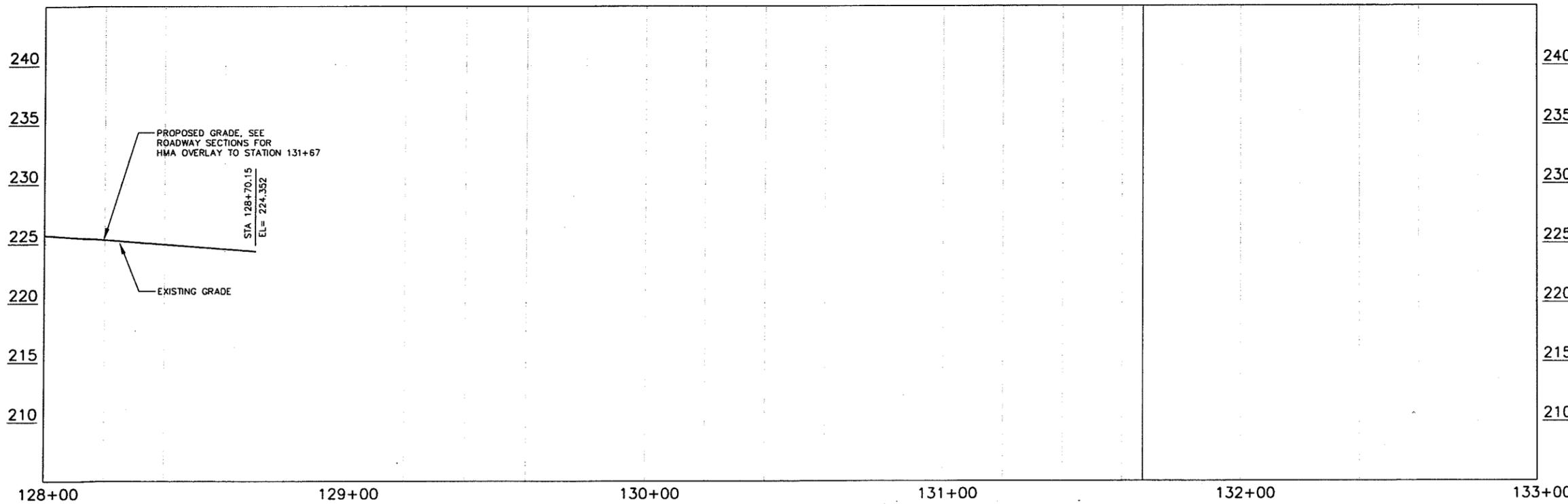
- ⊗ CONSTRUCTION NOTE
- ⊠ DRAINAGE NOTE
-  NEW HMA AREA

MATCH LINE STA 128+00 SEE REFER# PP6



END PROJECT
STA 131+67

NE 1/4, SEC. 30, T. 25 N., R. 5 E., W.M.



60% SUBMITTAL

| NO. | DATE | BY | APPR. | REVISIONS |
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Approved By

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|-------------------------------------|-----------------------------|-------------------------------------|------|
| <input checked="" type="checkbox"/> | TRAFFIC ENGINEERING MANAGER | <input checked="" type="checkbox"/> | DATE |
| <input checked="" type="checkbox"/> | PROJECT MANAGER | <input checked="" type="checkbox"/> | DATE |

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|-------------------------------------|----|-------------|---------|------|
| <input checked="" type="checkbox"/> | MH | DESIGNED BY | 8/19/08 | DATE |
| <input checked="" type="checkbox"/> | TR | DRAWN BY | 8/19/08 | DATE |
| <input checked="" type="checkbox"/> | KA | CHECKED BY | 8/19/08 | DATE |



NE 8TH STREET
LAKE WASHINGTON BLVD
TO 96TH AVE NE

PLAN AND PROFILE
STA 128+00 TO E.O.P.
PP7 SHT X OF X