SEWER AND DRAINAGE NOTES UNLESS OTHERWISE NOTED:
1. PIPE LESS THAN 12" DIAMETER SHALL BE CONCRETE PER ASTM C114 CLASS 3.
2. DUCTILE IRON PIPE SHALL BE PER ANSI A21.51 CLASS 52 WITH PUSH-ON JOINTS. FITTINGS FOR DUCTILE IRON PIPE SHALL BE DUCTILE PER ANSI A21.10 OR ANSI A21.52 WITH PUSH-ON JOINTS.
3. BEDDING SHALL BE CLASS B FOR ALL PIPE EXCEPT DUCTILE IRON (DSP) LESS THAN 36" DIA. USE 6" BEDDING WHEN COVER IS MORE THAN 10' OVER SUBSIDENCE OR SETTLEMENT SHOULDER AREAS ON AVENUES. ALL OTHER DIP SHALL USE CLASS D BEDDING.
4. WHERE A NEW PIPE CLEAR AN EXISTING OR NEW UTILITY BY 9' OR LESS, POLYETHYLENE PLASTIC FOAM SHALL BE PLACED AS A CUSHION BETWEEN EACH UTILITY.
5. SIDE SEWER CONNECTIONS SHALL BE PLACED AT A MINIMUM SLOPE OF 5% AND A MAXIMUM SLOPE OF 10%/G. CATCH BASIN CONNECTIONS AND SERVICE DRAINS SHALL BE PLACED AT A MINIMUM SLOPE OF 5% AND A MAXIMUM SLOPE OF 5% INLET CONNECTIONS SHALL BE PLACED AT A MINIMUM SLOPE OF 5% AND A MAXIMUM SLOPE OF 5% FOR ALL TESTS. THE CENTER POINT OF THE INTERFACE SHALL BE INSTALLED NO LOWER THAN 0.5' AND NOT HIGHER THAN 4' ABOVE THE SPRINGLINE OF THE MAINLINE.
6. SERVICE DRAINS AND SIDE SEWERS SHALL BE CONNECTED/RECONNECTED AS APPROVED BY THE ENGINEER. SERVICE DRAINS AND SIDE SEWERS SHALL NOT BE BACKFLOWED UNTIL THE PIPE HAS BEEN INSPECTED AND APPROVED AND THE LOCATION AND DEPTH IS RECORDED BY THE ENGINEER.
7. JOISTS ON NEW PIPE SHALL BE PREASSEMBLED.
8. STONE BOUNDERY LOCATIONS ARE INDICATED ON THE SITE WORK MAP. TEST DATA IS INCLUDED IN THE SPECIFICATIONS.
9. THE CONTRACTOR SHALL PROVIDE SUPPORTS FOR POMER POLES NEAR ELEVATIONS PER PERIODIC DRAINAGE STANDARDS NO. 03-6.
10. PVC PIPE AND FITTINGS SHALL BE PER PIPE D 1785, SCH 40 WITH NON-REINFORCED GASKET JOINTS OR SOLENT WELDED JOINTS. PVC PIS ADN PSO PVC PIPE SHALL BE TESTED FOR EXCESSIVE DRAINAGE PERIODIC DRAINAGE STANDARDS PER SECTION 7-17-204) OF THE SPECIFICATIONS.
11. SUBSURFACE DRAIN (SSD) PIPE AND FITTINGS SHALL BE PVC PER PIPE D 1785, SCH 40 WITH SOLENT WELDED JOINTS. PIPE SHALL HAVE SLOTTED PERFORATIONS PER SLOT LOCATION PERIODIC DRAINAGE STANDARDS PER SECTION 7-17-205) OF THE SPECIFICATIONS.
12. STRUCTURAL STAINLESS ON PLAN VIEWS MEASURED FROM RIGHT-OF-WAY CENTERLINE TO CENTERLINE OF STRUCTURE.
13. DRAINAGE PROFILES ARE SHOWN THROUGH DRAINAGE FLOW LINE. RIGHT-OF-WAY CENTERLINE STATIONING SHOWN ON DRAINAGE PROFILES ARE APPROXIMATE AND FOR REFERENCE ONLY.

EROSION CONTROL NOTES UNLESS OTHERWISE NOTED:
1. TEMPORARY EROSION CONTROL & STORM DRAIN BYPASS PLAN SHALL BE SUBMITTED BY CONTRACTOR AS PART OF THE SWALE DRAINAGE POLLUTION PREVENTION PLAN FOR REVIEW AND APPROVAL AT PRECONSTRUCTION MEETINGS.

WATER NOTES UNLESS OTHERWISE NOTED:
1. WATER METER AND HYDRANT ADJUSTMENT OR RELOCATION SHALL BE BY SPU. WATER METER INSTALLATION SHALL OCCUR NO LATER THAN 333/7 DAYS PRIOR TO ESTABLISHMENT OF ROUGH GRADE WITHIN THE TWO-FOOT ROAD SHOULDER (SEE SITE PLAN). HYDRANT INSTALLATION SHALL OCCUR NO LATER THAN 180 DAYS PRIOR TO ESTABLISHMENT OF ROUGH GRADE WITHIN THE TWO-FOOT ROAD SHOULDER (SEE SITE PLAN). HYDRANT INSTALLATION SHALL OCCUR NO LATER THAN 180 DAYS PRIOR TO ESTABLISHMENT OF ROUGH GRADE WITHIN THE TWO-FOOT ROAD SHOULDER (SEE SITE PLAN).
2. SHEAR PLAS SHALL BE PLACED AROUND ALL EXISTING AND PROPOSED WATER HYDRANTS. SEE PAVEMENT NOTE. 9090090

DRAINAGE, GRADING, PAVING, WATER & T.E.S.C. NOTES

LANDSCAPING NOTES UNLESS OTHERWISE NOTED:
1. ALL TREE LOCATIONS ARE SUBJECT TO FIELD VERIFICATION BY THE ENGINEER PRIOR TO EXCAVATION OF THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ACCURATE PLACEMENT OF PLANTS, SHRUBS, DECIDUOUS, EVERGREEN, CLUMPS, SHRUBS, ETC. SEE VIEWS, SETS DISTANCES, AND CLEARANCES FROM STREET EDGE AND/OR UTILITIES.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO REQUEST FIELD MARKINGS OF PLANT MATERIALS TO BE REMOVED (48 HOUR NOTICE). ALL PLANT MATERIALS NOT DESIGNATED TO BE REMOVED SHALL BE RETAINED AND PROTECTED. PLANT MATERIAL DESTROYED AND/or IMPROPERLY DAMAGED DUE TO LACK OF DIRECTION AND/OR LACK OF PROPER CARE BY THE CONTRACTOR SHALL BE REPAID IN KIND AMOUNT EVALUATED TO ACHIEVE DAMAGE WITH VALUE DEDUCTED FROM THE CONTRACT.

PAVING NOTES UNLESS OTHERWISE NOTED:
1. JOINTS BETWEEN EXISTING PAVEMENT AND NEW ASPHALT SHALL BE BUTT JOINTS.
2. EXISTING ASPHALT PAVING SHALL BE REMOVED ON A NEAT LINE ADJACENT TO NEW CONSTRUCTION.
3. IF SUBGRADE SOFT SPOTS ARE ENCOUNTERED, THE CONTRACTOR SHALL OBTAIN REQUIRED COMPACTION IN ACCORDANCE WITH SECTIONS 2-06.3 (2) AND 2-06.3 (5) OF THE STANDARD SPECIFICATIONS.
4. PAVEMENT RESTORATION FOR CONCRETE STREETS AND CONCRETE WALKS WHICH ARE NOT SHOWN ON THE PLANS SHALL BE IN ACCORDANCE WITH THE STREET AND SEWERMAINTENANCE PAVING OPENING AND RESTORATION RULES, THE CURRENT VERSION.
5. REPLACEMENT OF CASTINGS AND COVERS WILL BE PROVIDED BY THE OWNER OF THE UTILITIES. THE CONTRACTOR SHALL ADJUST ALL UTILITY CASTINGS AND WATER BOXES TO GRADE PRIOR TO THE INSTALLATION OF THE FINAL WEARING COURSE. CASTINGS AND WATER BOXES DAMAGED DUE TO THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL NOTIFY SOKODOREN BURNING AT 206-684-5370 FOUR (4) WORKING DAYS PRIOR TO SEAL, REMOVAL, REPLACEMENT OR REPLACEMENT. INSTALL SIGNS IN ACCORDANCE TO THE STANDARD PLANS.
7. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT (SHANE DOWD) AT 206-504-5041 FOUR (4) WORKING DAYS PRIOR TO PLANTING, THEY ARE TO BE PLANTED.
8. EXISTING INDOOR FIXTURES CASTINGS WITHIN THE CONSTRUCTION AREA SHALL BE ADDED OR REPLACED. CONTRACTOR SHALL CONTACT SPU SURVEY (BREND DODGE AT 206-684-5370) FOUR (4) WORKING DAYS PRIOR TO REMOVING INDOOR FIXTURES.
9. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT (SHANE DOWD) AT 206-504-5041 THREE (3) WORKING DAYS PRIOR TO REMOVING INDOOR FIXTURES. IF THE CONTRACTOR IS TO REPLACE CASTINGS TO ENSURE THAT THE MOUNTS ARE TIED OUT PRIOR TO REMOVAL.
10. INSTALL SHEAR BLOCKS AT ALL EXISTING & RELOCATED HYDRANTS WITHIN THE PROJECT LIMITS PER STANDARD PLANS 3106 & 3108.
11. OR 20' ON AVERAGES, CENTERLINE ALIGNED R=250'
12. CONCRETE STEPS WITH LESS THAN 4 RISERS, SEE STANDARD PLAN 441. CONCRETE STEPS WITH 4 OR MORE RISERS, SEE STANDARD PLAN 440. (HAND RAIL ON ONE SIDE ONLY)
13. CONTRACTOR SHALL NOTIFY ENGINEER AT LEAST 48 HOURS IN ADVANCE FOR CONSTRUCTION TESTING. IF, MOISTURE DENSITY CURVES ARE REQUIRED, 48 HOURS AFTER CONSTRUCTION TESTING AN OSMIUM OF IN-PLACE SAMPLES WILL BE REQUIRED TO FLOODPLANS SAMPLES. CONTRACTOR SHALL NOT PROCEED WITH SUBSEQUENT RELATED WORK INCLUSION IMMEDIATELY PRIOR TO CONSTRUCTION TESTING. CONTRACTOR SHALL NOT PROCEED WITH SUBSEQUENT RELATED WORK INCLUSION IMMEDIATELY PRIOR TO CONSTRUCTION TESTING. CONTRACTOR SHALL NOT PROCEED WITH SUBSEQUENT RELATED WORK INCLUSION IMMEDIATELY PRIOR TO CONSTRUCTION TESTING.
**TYPICAL CASCADE R/W X-SECTION**

(NW 107TH ST & N 107TH ST)

- **EX GROUND**
- **Rockey OR Soil-Wrap WALL**
  - MAX SLOPE: 1:4
- **Slope VAR**
  - 2% TO 4%
- **Curb & Gutter**
- **Asphalt Paving Will Only Occur On Limited Area. See Paving Plans.**

**TYPICAL SEA STREET R/W X-SECTION**

(1ST AVE NW, 2ND AVE NW, PALATINE AVE N & PHINNEY AVE N)

- **Curb & Gutter**
- **Asphalt Paving Will Only Occur On Limited Area. See Paving Plans.**

**TYPICAL RIGHT-OF-WAY CROSS SECTIONS**

- **2% Toward Street for 1st, 2nd & Palatine**
- **2% Toward Slate for Phinney**
1. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT EROSION, CONTROL SEDIMENTATION, AND SHALL BE PROHIBITED FROM DISCHARGE OF SEDIMENT-LOADED RUNOFF BEYOND THE CONSTRUCTION LIMITS OF THIS PROJECT. CONTRACT RESPONSIBILITY FOR PLANNING, DESIGN AND IMPLEMENTATION OF MEASURES TO MEET THESE REQUIREMENTS SHALL BE SPECIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND INCLUDE, AS A MINIMUM:

- SCHEDULING AND STAGING OF ALL CONSTRUCTION ACTIVITIES FOR MINIMUM EXPOSURE AND OPTIMUM COMPATIBILITY WITH SEASONAL AND SITE CONDITIONS.
- PROACTIVE INSTALLATION OF MEASURES TO PREVENT EROSION AND/OR MINIMIZE THE EFFECTS OF RUNOFF PRIOR TO COMMENCEMENT OF WORK WITHIN ANY GIVEN SITE AREA.
- DESIGN AND IMPLEMENTATION OF MEASURES TO MAXIMIZE REUSE OF MATERIALS AND COMPATIBILITY WITH PERMANENT SITE IMPROVEMENTS. RECYCLED WOOD CHIPS AND/OR COMPOSTED MULCH SHALL BE USED AS TEMPORARY EROSION AND SEDIMENT CONTROL TO COVER SOIL, SURFACES EXPOSED AND LEFT UNMANAGED IN EXCESS OF TWO DAYS (48 HOURS).
- WOOD CHIPS GENERATED FROM TREE REMOVAL AND SITE CLEARING AND GRADING ACTIVITY SHALL BE INSPECTED BY THE ENGINEER TO GUARD AGAINST SPREADING OF INVASIVE SPECIES PRIOR TO REUSE AS MUCH AS POSSIBLE.
- METHOD OF COLLECTION AND TREATMENT OF CONSTRUCTION RUNOFF THAT DOES NOT MEET STATE WATER QUALITY STANDARDS, IF DISCHARGED TO A STORM DRAIN OR KING COUNTY INDUSTRIAL WASTE STANDARDS, IF DISCHARGED TO THE SANITARY SEWER SYSTEM MAY INCLUDE, BUT ARE NOT LIMITED TO, THE USE OF TEMPORARY SEDIMENTATION CELLS, AS SPECIFIED ON THIS DRAWING, OR A SEDIMENTATION TANK Brought ON SITE.

2. AS A PROVISION OF THE STORMWATER NPDES PERMIT FOR THIS PROJECT, THE CONTRACTOR SHALL SUBMIT AT THE PRE-CONSTRUCTION MEETING A PLAN IN ACCORDANCE WITH ECOLOGY'S GUIDELINES AND PER SPECIFICATION (SECTION B-81), THE CONTRACTOR SHALL ALLOW A MINIMUM OF 10 WORKING DAYS FOR REVIEW AND APPROVAL BY THE ENGINEER. APPROVAL OF THE PLAN SHALL BE REQUIRED PRIOR TO CONSTRUCTION:

- THE CONTRACTOR SHALL PROVIDE PLANS TO THE ENGINEER FOR ALL PROJECT PROCEEDING TO SERVE AS THE BASIS FOR A STORMWATER MANAGEMENT PLAN (SWPPP) PREPARATION.
- PLANS SHALL INDICATE GEOGRAPHIC STAGING FOR WORK (TYPICALLY SOUTH TO NORTH) AND SHALL INCLUDE SEDIMENTATION MEASURES FOR STRANDING AND MAINTENANCE (CLEAN-OUT) OF CONSTRUCTED SAWDUST AREAS IF PROPOSED FOR USE TO SETTLE SEDIMENT. ANY SAWDUST USED AS A TEMPORARY SEDIMENTATION CELL SHALL HAVE THE TOP 2 INCHES OF BOTTOM SOIL REMOVED AND SHALL BE RESTORED PER SPECIFICATION.
- PLANS SHALL INCLUDE CONSTRUCTION LIMITS AND LIMITS OTHERWISE REQUIRED TO PROTECT EXISTING TREES, LANDSCAPING, OR OTHER EXISTING SITE FEATURES OF BENEFIT TO PREVENT EROSION AND/OR CONTROL SEDIMENTATION.
- THE CONTRACTOR'S SUBMITTAL SHALL INCLUDE DETAILS FOR EROSION PREVENTION AND SEDIMENTATION CONTROL MEASURES IDENTIFIED BY NUMBER.
- PLANS SHALL INCLUDE A SCHEDULE OF (NUMERATED) DETAILS WITH CORRESPONDING PLAN SYMBOLS, ESTIMATED TIMING FOR INSTALLATION, INSPECTION, MAINTENANCE AND REMOVAL OF MEASURES.
- PLANS SHALL INCLUDE TEMPORARY Bypass MEASURES TO MINIMIZE EXPOSURE OF NEWLY CONSTRUCTED SAWDUST TO EROSION AND SEDIMENTATION.
- PLANS SHALL INCLUDE MEASURES TO PROTECT WATER QUALITY BY PREVENTING STORMWATER RUNOFF FROM ENTERING THE SITE.

3. GENERAL PROVISIONS APPLICABLE TO ALL PROJECT AREAS SHALL BE LISTED ON THE CONTRACTOR'S SUBMITTAL, INCLUDING BUT NOT LIMITED TO:

- MEASURES FOR PROTECTION OF STOCKPILED MATERIALS REQUIRED WHENEVER MATERIAL IS NOT IN USE FOR A PERIOD OF 8 HRS.
- SURFACE CLEANING FOR ALL PAVED AREAS IMPACTED BY THE CONTRACT WORK OUTSIDE THE CONTRACT LIMITS BEFORE THE END OF THE WORKDAY.

- THE CONTRACTOR SHALL HAVE A VACUUM TRUCK AVAILABLE TO CLEAN OUT THE SEDIMENTATION STRUCTURES AFTER HEAVY STORMS AND AS NECESSARY TO PREVENT THE MOVEMENT OF ACCUMULATED SEDIMENT DOWNSPOUT.
- THE TRAFFIC CONTROL PLAN SHALL ADDRESS ROUTING AROUND TEMPORARY SEDIMENTATION PUMPING/EROSION/SEDIMENT CONTROL SYSTEMS.

CASCADE TESC PLAN (TYP) INFORMATIONAL ONLY

BROADVIEW GREEN GRID
4TH AVE NW TO PINHEY AV N

City of Seattle
Public Utilities
Chuck Clarke, Director
APPROVED: 02-19-2015
C300329
06-08-15
777-580
WILLIAM B. BOWEN
Superintendent

Compactor Work

APPROVED:
DATE:
SHEET: 4 OF 50

4TH AVE NW

SEATTLE, WASHINGTON

00

DIRECTOR, CONTRACTING SERVICES

NAME OF SPONSOR AND DATE REVISION OF DRAWING

PAGE NUMBER

SCALE 3' = 1'-0"
NOTES
UNLESS OTHERWISE NOTED:

1. WATER METER AND HYDRANT ADJUSTMENT OR RELOCATION SHALL BE BY SPU WATER, FOR WATER METER CONTACT DAN ENNSCO, (206) 233-7184, 10 DAYS PRIOR TO ESTABLISHMENT OF THE ROUGH GRADE WITHIN THE TWO-FOOT ROAD SHOULDER (SEE SPEC). FOR HYDRANT CONTACT PAT LEH (206) 688-1318, 15 DAYS PRIOR TO CONSTRUCTION.

2. TREE PROTECTION PER STD PLAN #13 & #144, DO NOT PLACE FENCING ON PRIVATE PROPERTY, ANY GRADING WITHIN CRITICAL ROOT ZONE SHALL BE UNDER THE DIRECTION OF ENGINEER.

3. ALL VEGETATION AND IMPROVEMENTS ON PRIVATE PROPERTY SHALL BE PROTECTED. IF DAMAGED BY CONTRACTOR, CONTRACTOR SHALL REPLACE OR REPAIR AS NEEDED TO RETURN TO BETTER CONDITION, AND AS DIRECTED BY ENGINEER.

4. MAIL BOXES ON N 107TH SHALL BE RELOCATED TO 3 FEET FROM EDGE OF PAVEMENT.
LANDSCAPING NOTES
UNLESS OTHERWISE NOTED:

1. TREE LOCATIONS ARE SUBJECT TO FIELD VERIFICATION BY THE LANDSCAPE ARCHITECT TO ENSURE UTILITY CLEARANCE, SUITABLE DISTANCE, COMPATIBILITY WITH VIEW, SLOPE ETC.

2. PROJECT INCLUDES 1, 2, AND 3 MAN ROOF PLACEMENT TO BE FIELD-DIRECTED AT THE TIME OF CONSTRUCTION TO REINFORCE/STABILIZE SLOPES AND BLEND LANDSCAPED AREA WITH ROOF TOP INSTALLATION.

3. INSTALLATION OF GRASS OR GROUND COVER SUBJECT TO CONFIRMATION BY ADJACENT PROPERTY OWNER. THE CONTRACTOR SHALL ALLOW 5 WORKING DAYS NOTICE TO COORDINATE FIELD MARKING BY THE ENGINEER.

LANDSCAPING LEGEND

PLANTING AREA
ENGINEERED SEED
INSTALLATION (SEE SHEET 3)
CONSTRUCTION @ THIS SCALES

TREE SYMBOL LEGEND

FRAXINUS QUINCAERP "RAINWOOD" RAINWOOD ASH CALIFORNIA
CEDRIS DEODARA "JAPAN BALSAM KATTSURA TREE"
ACER TRUNCATUM "KEITHFORM" NORWAY SUGAR MAPLE
ACER TRUNCATUM "WARREND" PACIFIC SUGAR MAPLE
CORNUS PLATIFOLIA "TODD'S WHITE WONDER" HYBRID DOORWAY
MAGNOLIA "GALAXY" GALAXY MAGNOLIA
AMELanchier GRANDIFLORA "AUTUMN BRILLIANCE" AUTUMN BRILLIANCE SERVICEBERRY
MAGNOLIA X LOEBNERE "BALLERINA" BALLERINA MAGNOLIA

SOREN ALPIMENTA EUROPEAN MOUNTAIN ASH PINE
SOREN ALPIMENTA KOREAN MOUNTAIN ASH
PINE TIBETIANA JAPANESE BLACK PINE
PINE MIGRA BAVARIAN PINE
CRANBERIES (ORTUS HENKI) DRESS covid-19
CORIOLUS MAJORA "PURPLE"
NOTICE:

CONTRACTOR SHALL VERIFY DEPTH OF ECD (ELECTRICAL CONDUIT) AND REPORT TO ENGINEER PRIOR TO BEGINNING CONSTRUCTION.

PHINNEY AVE N
DRAINAGE PROFILE, WEST SIDE

BROADVIEW GREEN GRID
4TH AVE NW TO PHINNEY AVE N
NOTES
UNLESS OTHERWISE NOTED:

1. WATER METER AND HYDRANT ADJUSTMENT OR RELOCATION SHALL BE BY DPU WATER. FOR WATER METER CONTACT, DAN ENNICO, (206) 233-7184, 10 DAYS PRIOR TO ESTABLISHMENT OF THE ROUGH GRADE WITHIN THE TWO-FOOT ROAD SHOULDER (SEE SPEC). FOR HYDRANT CONTACT, PAT LEE (206) 684-1378, 15 DAYS PRIOR TO CONSTRUCTION.

2. TREE PROTECTION PER STD PLAN #133 & #134. DO NOT PLACE FENCING ON PRIVATE PROPERTY. ANY GRADING WITHIN CRITICAL ROOT ZONE SHALL BE UNDER THE DIRECTION OF ENGINEER.

3. ALL VEGETATION AND IMPROVEMENTS ON PRIVATE PROPERTY SHALL BE PROTECTED IF DAMAGED BY CONTRACTOR, CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION, AND AS DIRECTED BY ENGINEER.

4. MAIL BOXES SHALL BE RELOCATED TO SUITABLE LOCATION, SEE DETAILS.

LEGEND
- CLEAR AND GRUB LIMITS
- REMOVE ASPH PAVING
- REMOVE CONC WALL
- REMOVE CONC FENCE
- REMOVE CONC DWV

MATCH LINE - STA. 76+20, SEE BELOW

1ST AVE NW

REMOVAL AND PROTECTION PLAN

BROADVIEW GREEN GRID
4TH AVE NW TO PHINNEY AVE N
LANDSCAPING NOTES
UNLESS OTHERWISE NOTED:

1. TREE LOCATIONS ARE SUBJECT TO FIELD VERIFICATION BY THE LANDSCAPE ARCHITECT TO ENSURE UTILITY CLEARANCE, SHORT DISTANCE, COMPATIBILITY WITH VIEWS, ETC. CONTRACTOR SHALL FIELD STAKE TREE LOCATIONS PER PLAN (W/ 3" OD WOOD STAKES) AND SHALL NOTIFY ENGINEER TO ALLOW 5 WORKING DAYS TO COORDINATE VERIFICATION.

2. PROJECT INCLUDES 1, 2, AND 5-MAN ROCK PLACEMENT TO BE FIELD-DIRECTED AT THE TIME OF CONSTRUCTION TO REINFORCE STABILIZE SLOPES AND BLEND LANDSCAPED AREA WITH MOWERY INSTALLATION.

3. INSTALLATION OF GRASS ALONG STREET EASEL WILL BE FIELD DIRECTED. THE CONTRACTOR SHALL ALLOW 5 WORKING DAYS NOTICE TO COORDINATE FIELD WORKING BY THE ENGINEER.

LANDSCAPING LEGEND
PLANTING AREA
PREPARATION - SEE DETAILS
ENGINEERED SOIL INSTALLATION ON SOIL
SEE HINT 4.5

TREE SYMBOL LEGEND
BY THEMES

1ST AVE NW

AMERICAN WATER HUNTER
ASCLEPIAS FIDELIS OX LIP
MAGNOLIA "GALAXY" GALAXY MAGNOLIA
NAUBARA GRANDIFLORA AUTUMN BRILLIANCE
NAUBARA GRANDIFLORA AUTUMN BRILLIANCE SERVICIOERY (ED)
MAGNOLIA X LOEBNER TAILLEURS BALLERINA BALLERINA MAGNOLIA

1ST AVE NW
LANDSCAPING PLAN

BROADVIEW GREEN GRID
4TH AVE NW TO PHINNEY AVE NW

City of Seattle
Chuck Clark, Director

Seattle Public Utilities
Cherie O. Blander, General Manager

Chapter Book

APPROVED FOR ADVERTISING
DEPARTMENT OF PLANNING AND COMMUNITY SERVICES
SEATTLE, WASHINGTON

2017

DIRECTOR, CONTRACTING SERVICES

NAME OR DETAILS AND DATE REVIEW

INSTRUCTIONS AND GUIDELINES

APPROVED

INSTRUCTIONS AS WRITTEN

INSPECTION REQUIRED

REDRAWN AS SYLEZ

BOSUN'S SWING

OCTOBER 28, 2017

777-580

C300329

C300329

PAGE 36 OF 59
LEGEND

- REMOVE ASPH
- SAWCUT/REMOVE
- CLEAR AND GRUB LIMTS

NOTES

UNLESS OTHERWISE NOTED:
1. TREE PROTECTION PER STD PLAN #133 & #134; DO NOT PLACE FENCING ON PRIVATE PROPERTY.
ANY GRADING WITHIN CRITICAL ROOT ZONE SHALL BE UNDER THE DIRECTION OF ENGINEER.
2. ALL VEGETATION AND IMPROVEMENTS ON PRIVATE PROPERTY SHALL BE PROTECTED.
IF DAMAGED BY CONTRACTOR, CONTRACTOR SHALL RESTORE TO EQUAL OR BETTER CONDITION, AS DIRECTED BY ENGINEER.

FOR DRAINAGE PLAN SEE SHT 4B

SECTION A-A

SCALE: 1" = 1'-0"

NOTE:
- SAWCUT SLOPE GRADING SHALL BE 3:1 UNLESS OTHERWISE INDICATED ON PLANS AFTER ROUGH GRADING COMPLETED.

X-SECTION (TYP) A7

SCALE: 1" = 1'-0"

4TH AVE NW TO PHINNEY AVE N

NW 110TH ST

REMOVAL & PROTECTION PLAN

BROADVIEW GREEN GRID

City of Seattle

Director, Contracting Services

30th AVE NW TO PHINNEY AVE N

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Chuck Clarke, Director

4TH AVE NW TO PHINNEY AVE N

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY

City of Seattle

Public Utilities

Chad Hedges, Director

PH: 206-684-3200

1001 QUEEN ANNE WAY
ROCK FACING, MODIFIED

MINIMUM ROCK SIZES

<table>
<thead>
<tr>
<th>SIZE (IN.)</th>
<th>SIZE (TOP IN.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0&quot;</td>
<td>1.0&quot;</td>
</tr>
<tr>
<td>3.0&quot;</td>
<td>2.0&quot;</td>
</tr>
<tr>
<td>4.0&quot;</td>
<td>3.0&quot;</td>
</tr>
</tbody>
</table>

NOTE:
1. FACE OF REINFORCED SOIL WALL SHALL BE PLANTED WITH SHRUBS AND GROUND COVERS, BY OTHERS.
NOTE:
1. FOR MAILBOX CLUSTER LOCATION SEE PAVING PLAN SHEETS.
2. WOOD POSTS SHALL BE PRESSURE TREATED FOR OR HAMMOCK.