EROSION AND SEDIMENT CONTROL NOTES

1. The approximate construction sequence shall be as follows:
   - Clear and grub construction areas.
   - Complete sanitary and storm drain work.
   - Complete other utility work.
   - Backfill.
CALL BEFORE YOU DIG: 1-800-424-5555

ENLARGED PAVING PLAN

TECH NOTES
A. PROVIDE INLET PROTECTION IN ACCORDANCE WITH G1.1, DETAIL 1.
B. PLACE COIR LOGS AROUND THE PERIMETER OF CATCH BASIN.
C. INSTALL: SEARROWS ON COLDS PITCH ASPHALT BEING ARRANGED PERIMETER TO PREVENT HYDRO PATH RUNOFF FROM EXISTING CONSTRUCTION AREA.
D. CONSTRUCTION TO SUBMIT PLAN TO TEMPORARILY DISCHARGE RUNOFF FROM EXISTING UPSTREAM STORMWATER PIPING IN EROSION AND WATER MANAGEMENT PLAN.
E. TEMPORARILY PLUG STORMWATER PIPE PRIOR TO DEMOLITION.
F. PLACE SANDING OVER TEMPORARY PLASTIC SHEETING TO PREVENT OFFSITE RUNOFF FROM ENTERING CONSTRUCTION SITE.

DEMO NOTES
1. SAWCUT PAVEMENT.
2. LIMITS OF 100% PAVEMENT REMOVAL.
3. CAP EXISTING UTILITY, SEE SPECIFICATIONS.
4. DEMO EXISTING LIGHT STANDARD.
5. DEMO APPROXIMATELY 60 LF OF CONDUIT, SEE ELECTRICAL SPEC.
6. DEMO APPROXIMATELY 4.5 LF OF 12" STORMWATER PIPE.
7. RELocate EXISTING ECO BLOCKS AS SHOWN, COORDINATE NEW ECO BLOCK LOCATION WITH OWNER.
8. DEMO APPROXIMATELY 50 LF OF EXISTING CURB.
9. PROJECT IN PLACE EXISTING STORMWATER DURING CONSTRUCTION.
10. CORE WALL OF EXISTING STRUCTURE TO ALLOW FOR BAY 4 DRAIN EXCHANGE.

CONSTRUCTION NOTES
1. PROTECT ALL EXISTING UTILITIES NOT NOTED FOR REMOVAL OR TO BE RelOCATED BY OTHER.
2. PROVIDE INLET PROTECTION AS NOTED ABOVE.
3. COORDINATE RELOCATION OF EXISTING MATERIAL STOCKPILES WITH OWNER PRIOR TO CONSTRUCTION.
4. SEE SHEET G1.1 FOR EROSION CONTROL GENERAL NOTES.

LEGEND
Sawcut Paving
Demo Existing Utility or Relocate Existing ECO Block
Pavement Demolition Extents
Clearing/Demolition Extents

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
1060 MAIN ST.
KIRKLAND, WA 98033

CITY OF KIRKLAND MAINTENANCE CENTER
STORM POLLUTION PREVENTION PLAN (SWPPP) UPGRADES
BAY 2 DEMOLITION & ESC PLAN

NO. REVISION BY REVIEW DATE

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TEC NOTES
1. PROVIDE INLET PROTECTION IN ACCORDANCE WITH G1.1, DETAIL 1
2. PLACE CORR LEAD AROUND THE PERIMETER OF EACH BASIN.
3. INSTALL DRAIN PIPE OR COLD PATCH RAINTAL BEING AROUND PERIMETER TO PREVENT RAINWATER RUNOFF FROM ENTERING CONSTRUCTION AREA.
4. CONTRACTOR TO SUBMIT PLAN TO TEMPORARILY DISCHARGE RUNOFF FROM EXISTING UPSTREAM STORMWATER PIPING IN EROSION AND WATER MANAGEMENT PLAN.
5. TEMPORARILY PLUG STORMWATER PIPES PRIOR TO DEMOLITION.
6. PLACE SAWSCUT OVER THERMOPLASTIC SHEETING TO PREVENT OFFSITE RUNOFF FROM ENTERING CONSTRUCTION SITE.

DEMOLITION NOTES
1. SAWSCUT PAVEMENT.
2. LIMITS OF FULL DEPTH Pavement REMOVAL.
3. CAP EXISTING UTILITY, SEE SPECIFICATIONS.
4. DEMO EXISTING LIGHT STANDARD.
5. DEMO APPROXIMATELY 60 LF OF 8" EXISTING STORMWATER PIPE.
6. DEMO APPROXIMATELY 4.5 LF OF 12" STORMWATER PIPE.
7. PLACE COIR LOGS AROUND THE PERIMETER OF CATCH BASIN.
8. INSTALL SANDBAGS OR COLD PATCH ASPHALT BERM AROUND PERIMETER TO PREVENT RAINWATER RUNOFF FROM ENTERING CONSTRUCTION AREA.
9. CONTRACTOR TO TEMPORARILY DISCHARGE RUNOFF FROM EXISTING UPSTREAM STORMWATER PIPE IN EROSION AND WATER MANAGEMENT PLAN.
10. TEMPORARILY PLUG STORMWATER PIPES PRIOR TO DEMOLITION.
11. PLACE SAWSCUT OVER THERMOPLASTIC SHEETING TO PREVENT OFFSITE RUNOFF FROM ENTERING CONSTRUCTION SITE.

CONSTRUCTION NOTES
1. PROVIDE INLET PROTECTION AS NOTED ABOVE.
2. COORDINATE RELOCATION OF EXISTING MATERIAL STOCKPILES WITH OWNER PRIOR TO CONSTRUCTION.
3. SEE SHEET G1.1 FOR EROSION CONTROL GENERAL NOTES.

CONSTRUCTION NOTES
1. PROVIDE INLET PROTECTION AS NOTED ABOVE.
2. COORDINATE RELOCATION OF EXISTING MATERIAL STOCKPILES WITH OWNER PRIOR TO CONSTRUCTION.
3. DESIGNATE LOCATION OF REBAR WITHIN EXISTING REBAR USING NONDESTRUCTIVE METHODS PRIOR TO CORING.
4. CONTRACTOR TO MAINTAIN ACCESS FOR COK MAINTENANCE STAFF DURING CONSTRUCTION. CONTRACTOR TO COORDINATE WITH COK WHEN THIS IS NOT POSSIBLE.
5. APPROXIMATE SHORING EXTENTS. FINAL SHORING SYSTEM TO BE CONTRACTOR DESIGNED.
6. DEMOLISH 90± LF OF EX 8" DIAM PVC STORMWATER PIPE.
7. FILL EX STORMWATER PIPE WITH CDF PER SPECIFICATIONS.
8. DEMO APPROXIMATELY 10 LF OF 4" DIAM 150 PVC STORMWATER PIPE.
9. DEMO APPROXIMATELY 3.5 LF OF 8" DIAM 150 PVC STORMWATER PIPE.
10. DEMO APPROXIMATELY 32 LF OF 12" DIAM 150 PVC STORMWATER PIPE.

LEGEND
SAWSCUT PAVEMENT
DEMO EXISTING UTILITY OR RELOCATE EXISTING ECO BLOCKS
PAVEMENT DEMOLITION EXTENTS
CLEARING/GRUBBING EXTENTS

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BAY 2 DRAINAGE PLAN

STORM DRAINAGE CONSTRUCTION NOTES

1. CONTRACTOR IS TO ENSURE ALL INSTALLED STORMWATER PIPES ARE CLEAN OF SEDIMENT AND DEBRIS PRIOR TO CONSTRUCTION COMPLETION.
2. DRAINAGE INFORMATION SHOWN ON THIS SHEET IS FOR ILLUSTRATIVE PURPOSES ONLY. SEE C2.0, 2.1, AND 2.2 FOR DETAILED GRADING PLANS.
3. IN THE EVENT EXISTING PIPE DIAMETER, INVERT, AND/OR MATERIAL IS INCONSISTENT WITH DESCRIBED IN THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE DEMOLITION OF EXISTING PIPE.
4. CONTRACTOR TO CONNECT RAINWATER LEADERS FROM NEW BUILDINGS TO NEW STORMWATER FEATURES. UPON DESIGN OF PREFABRICATED STRUCTURAL CONSTRUCTION, CONTRACTOR TO SUBMIT PROPOSED RAINWATER LEADER ROUTING FROM STRUCTURE TO STORMWATER SYSTEM CONNECTION POINTS FOR ENGINEER'S APPROVAL. A MINIMUM OF 1 CLEANOUT IS TO BE PROVIDED ON EACH PIPE RUN EXCEPT FOR SHEET 1.3, DETAIL 3.

LEGEND

- Type 2 Catch Basin
- Storm Drain
- Cleanout
- Containment Berm Externs
- Drainage Direction
- Outer Flow Path (Bay 4 only)

STORM DRAINAGE NOTES

- CONNECT TO EXISTING TYPE 1 CATCH BASIN, IE=141.66
- CONNECT TO EXISTING TYPE 1 CATCH BASIN, IE=145.25
- ADD CATCH BASIN RISER AS NEEDED TO FACILITATE NEW PIPE INVERT
- CONNECT TO EXISTING MANHOLE, IE=141.74

SCALE IN FEET

N.A.V.D. 88

FILE     ENGR    REVIEW    SCALE    DATE
MHD     SK    SHOWN          09/01/2020

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT

CITY OF KIRKLAND MAINTENANCE CENTER
STORM POLLUTION PREVENTION PLAN (SWPPP) UPGRADES
BAY 2 DRAINAGE PLAN

BAY 2 DRAINAGE PLAN

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BAY 4 DRAINAGE PLAN

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STORM DRAINAGE NOTES

1. Catch basin type 2 shown per sheet C2.1, detail 1
2. Install 15 ft of 8" dia. 50, 39, 39, slope at 2.00%
3. Penetrate existing catch basin wall per S4.1, detail 11 & 15-
   EXISTING OIL WATER SEPARATOR
4. Penetrate existing sewer vault wall per S4.1, detail 11 & 15-
   EXISTING WATER QUALITY VAULT
5. Penetrate existing decant facility wall per S4.1, detail 11 & 15-
   EXISTING DECANT FACILITY
6. Penetrate existing berm extents and the existing catch basin structure.
   Where it will be discontinued to existing oil water separator 2E and then to
   the existing sidewalk.
7. Penetrate existing catch basin extents and the existing water vault structure.
   Where it will be discontinued to existing storm water sewer vault 2E and then to
   the existing sidewalk.
8. Penetrate existing berm extents and the existing catch basin structure.
   Where it will be discontinued to existing storm water sewer vault 2E and then to
   the existing sidewalk.
9. Penetrate existing berm extents and the existing catch basin structure.
   Where it will be discontinued to existing storm water sewer vault 2E and then to
   the existing sidewalk.
10. Penetrate existing berm extents and the existing catch basin structure.
    Where it will be discontinued to existing storm water sewer vault 2E and then to
    the existing sidewalk.

STORM DRAINAGE CONSTRUCTION NOTES

1. Contractor is to ensure all installed storm lines are clear of
   sediment and debris prior to construction completion.
2. Drainage information shown on this sheet is for illustrative
   purposes only. See C2.0, 2.1, and 2.2 for detailed grading plans.
3. In the event existing pipe diameter, invert, and/or material is
   inconsistent with described in the plans, the contractor shall
   notify the engineer prior to demolition of existing pipe.
4. Contractor to connect rainwater leaders from new buildings to
   new stormwater facilities. Upon design of pre-fabricated
   structures, contractor to submit proposed rainwater leader
   routing from exterior to interior to design engineer for review.
   Minimum one cleanout per sheet C2.1, detail 1.

LEGEND

- CATCH BASIN
- CLEANOUT
- CONTAINMENT BERM EXTENTS
- DRAINAGE DIRECTION
- GUTTER FLOW PATH (BAY 4 ONLY)
- TYPE 1 CATCH BASIN
- TYPE 2 CATCH BASIN

SCALE IN FEET
0 5 10 15

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CITY OF KIRKLAND MAINTENANCE CENTER
STORM POLLUTION PREVENTION PLAN (SWPPP) UPGRADES
STORMWATER DETAILS

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C456 (ASTM C456) UNLESS OTHERWISE NOTED IN THE STANDARD SPECIFICATIONS.

2. CATCH BASIN FRAMES AND GRATES OR COVERS SHALL BE IN ACCORDANCE WITH SPECS. 7.3.D OF THE STANDARD SPECIFICATIONS. MANUFACTURER SPECIFICATIONS SHALL BE FURNISHED TO ASSURE NON-ROCKING FRAME AND GRATE.

3. CREATING AVOIDING STEEL CONCRETE SHALL HAVE A MIN. YIELD STRENGTH OF 60,000 PSI AND BE PLACED IN THE UPPER HALF OF THE BASE WITH A MIN. CLEARANCE.

4. MIN. SOIL BEARING VALUE SHALL EQUAL 3,300 POUNDS PER SQUARE FOOT.

5. FOR DETAILS SHOWING LADDER STEPS, HANDRAILS AND TOP OF PIPE, SEE SHEET CK-R.12.

6. ALL PIPE JUXTAPOSED STEEL CONCRETE SHALL USE A CONFIRMED RUBBER GASKET AND GROUTING (RING AND BUTT) TO MEET ASTM C-443 SPECIFICATIONS.

7. LOCKING BOLTS FOR COVER SHALL BE 1/4" - 1/1 NC STAINLESS STEEL TYPE 304 SOCKET (ALLEN) HEAD BOLTS, 2 INCHES LONG.

8. INSTALL TRUSS WIRE 2" MIN. FROM GROUND TO CENTER OF PIPE FOR CATCH BASES UNDER 48" DIAM.

9. PIPE SIZE TO MATCH RAINWATER SURFACE RESTORATION. SAFETY REQUIRED PAVEMENT RESTORATION. SEE PLAN NO. CK-R.02 FOR CATCH BASES.

10. CATCH BASIN FRAMES AND GRATES OR COVERS SHALL BE PLACED IN THE UPPER HALF OF THE BASE WITH A MIN. CLEARANCE.

1. CLEANOUT DETAIL

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
152 EAGLE AVENUE - MCKINLEY P L - SEATTLE, WA 98101

M.0. C. C. 1

FILE: SK SHEET: C1.3 DATED: 09/01/2020

SCALE: NTS

NOTES:

1. MAXIMUM WIDTH OF TRENCH AT TOP OF PIPE * 70% FOR PIPE UP TO AND INCLUDING 12" NOMINAL DIAMETER.

2. NOT USED.

3. INSTALL TRUSS WIRE 2" BELOW SURFACE.

4. INSTALL TRUSS WIRE 2" SUPERLACE FIP UP TO AND INCLUDING 12" NOMINAL DIAMETER.

5. INSTALL TRUSS WIRE 2" MIN. FROM GROUND TO CENTER OF PIPE FOR CATCH BASES UNDER 48" DIAM.

6. PIPE SIZE TO MATCH RAINWATER SURFACE RESTORATION. SAFETY REQUIRED PAVEMENT RESTORATION. SEE PLAN NO. CK-R.02 FOR CATCH BASES.
GENERAL NOTES
1. SEE SHEET 2.2 FOR BAY 1A WALLS
2. SEE SHEET 2.4 FOR BAY 4 WALLS
3. SEE SHEET 2.5 FOR BAY 2 WALLS
4. SEE SHEET 2.4 FOR EXAMPLE GRADING SECTIONS

PAVING NOTES
- RESTORE ASPHALT PAVEMENT PER C2.3, DETAIL 1.
- SEE SPOT ELEVATIONS IN PLAN VIEW.
- ELEVATED BERM TO PROVIDE CONTAMINATION OF Runoff FROM MATERIAL BASES.
- ENSURE EXISTING HEIGHTS ARE DISTURBED BY BAY 1A CONSTRUCTION WITH NATIVE MATERIAL.
- STABILIZE DISTURBED AREA WITH 2" DEEP MULCH PER WSDOT 9-14.4(3). SEE 2.1.1 FOR EXTENTS.
- GRADE BREAK SEE SPOT ELEVATION.
- AREA WAS UNABLE TO BE SURVEYED DUE TO EXISTING STOCKPILE. TO ENSURE AND PROPOSED GRADES IN THIS AREA ARE ACCURATE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCONTINUITIES, LARGE GRADE BREAKS OR ISOLATED LOW SPOTS. THE CONTRACTOR SHALL VERIFY EXISTING GRADES AND VERIFY THAT THE PROPOSED GRADES IN THIS AREA WILL NOT RESULT IN ANY SLOPE BREAKS. USE CONSTRUCTION BASE WITH 2" DEEP MULCH PER WSDOT 9-14.4(3). SEE 2.1.1 FOR EXTENTS.
- CONSTRUCTION BASE SEE SPOT ELEVATION.
- RESTORE EXISTING ECO BLOCK WALL.
- CONTRACTOR TO PROVIDE CONCRETE OPEN JOINT AT ALL CONCRETE PAVEMENT TO ACCOMMODATE THE RAINWATER LEADER CONNECTIONS.
- CONTRACTOR TO PROVIDE CONCRETE JOINTING PLAN FOR ENGINEER'S APPROVAL. JOINTING PLAN TO BE SUBMITTED TO THE ENGINEER OF ANY BASE COURSE MATERIAL.
- CONSTRUCTION WITH NATIVE MATERIAL. STABILIZE DISTURBED AREA WITH 2" DEEP MULCH PER WSDOT 9-14.4(3). SEE D1.1 FOR EXTENTS.
- PAVEMENT RESTORATION AT BAY 4 IS ANTICIPATED TO BE COMPLETED WITH RAINWATER LEADER CONNECTIONS TO THE EXISTING STORM WATER SYSTEM NOT SHOWN.
- RESTORE ASPHALT PAVEMENT PER C2.3, DETAIL 1.
- SEE DEMO SHEETS FOR SAWCUT LIMITS.
- SLOPE SIDE OF BERM AT 1:1 TO MATCH GRADE AS SHOWN.
- RESTORE EXISTING ECO BLOCK WALL.

PAVEMENT NOTE SAWCUT CONCRETE PAVEMENT SEE C2.3, DETAIL 4.
PAVEMENT REHABILITATION DETAIL

1. Seal edges between existing and replaced asphalt in accordance with WSDOT standard specifications section 5-05.3 (8). 
2. Restore ac pavement, base course and/or subgrade as required by foundation and utility installation and construction, see demolition plan. 
3. See demolition plans for extent of asphalt removal. 
4. See grading plans for pavement elevation and slope.

NOTES:

6" GRANULAR FILL
4" CSBC
3" HMA PG 58-22 CL.1/2"

CONCRETE TO ASPHALT SUBGRADE TRANSITION SECTION

NOTES:

1. Seal edges between concrete and asphalt in accordance with WSDOT standard specifications section 5-05.3 (8). 

SCALE: NTS
NOTES:
1. PAVEMENT SURFACE HAS BEEN SIMPLIFIED FOR CLARITY SEE C2.3 FOR SURFACE DETAILS
2. THE SECTIONS SHOWN HERE ARE ILLUSTRATIVE ONLY, THE INFORMATION IN THE PLAN VIEW SHALL SUPERCEDE DETAILS SHOWN.
3. A SIMILAR SECTION FOR BAY 4 CAN BE FOUND ON SHEET C1.4
4. UTILITIES NOT SHOWN FOR CLARITY

1. PAVEMENT SUBGRADE HAS BEEN SIMPLIFIED FOR CLARITY SEE C2.3 FOR SURFACE DETAILS
2. THE SECTIONS SHOWN HERE ARE ILLUSTRATIVE ONLY, THE INFORMATION IN THE PLAN VIEW SHALL SUPERCEDE DETAILS SHOWN.
3. A SIMILAR SECTION FOR BAY 4 CAN BE FOUND ON SHEET C1.4
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2. THE SECTIONS SHOWN HERE ARE ILLUSTRATIVE ONLY, THE INFORMATION IN THE PLAN VIEW SHALL SUPERCEDE DETAILS SHOWN.
3. A SIMILAR SECTION FOR BAY 4 CAN BE FOUND ON SHEET C1.4
4. UTILITIES NOT SHOWN FOR CLARITY
CONCRETE

CONCRETE MIXTURES SHALL CONFORM TO THE REQUIREMENTS OF ACI 318-19. CONCRETE MIXTURES SHALL CONFORM TO THE MOST STRINGENT REQUIREMENTS FOR EXPOSURE CLASSES SPECIFIED IN THE TABLES RECORDED IN THE DRAWING. CONCRETE MIXTURES MAY BE RECORDED IN THE TABLES AS A PRECAST CONCRETE MIXTURE OR A CAST-IN-PLACE CONCRETE MIXTURE.

CONCRETE MIXTURES MAY BE RECORDED IN THE TABLES AS A PRECAST CONCRETE MIXTURE OR A CAST-IN-PLACE CONCRETE MIXTURE.

GENERAL NOTES

CONCRETE MIXTURES SHALL CONFORM TO THE REQUIREMENTS OF ACI 318-19. CONCRETE MIXTURES MAY BE RECORDED IN THE TABLES AS A PRECAST CONCRETE MIXTURE OR A CAST-IN-PLACE CONCRETE MIXTURE.

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null
### TABLE 2C - REQUIRED STRUCTURAL INSPECTIONS FOR SPECIAL CASES

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<th>CODE ON STANDARD REFERENCE</th>
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### TABLE 3 - REQUIRED STRUCTURAL TESTING

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### CONCRETE

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<th>CODE OR REFERENCE FOR SPECIAL INSPECTION REQUIREMENTS ASSOCIATED WITH THE SPECIFIED SYSTEM/MATERIAL</th>
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<td>SAMPLES</td>
<td>ACI 318</td>
<td>ASTM C 172</td>
<td>100 SAMPLES FOR EACH 100 CY OR LESS RAW MATERIALS, ONE SAMPLE PER DAY</td>
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<td>CONCRETE STRENGTH, UNI</td>
<td>ACI 318, ACI 318.3</td>
<td>ASTM C 90</td>
<td>10 CUBS PER SAMPLE FOR EACH CEMENT TYPE AND EACH ADHESIVE OR SURFACE</td>
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<td>CONCRETE SLUMP</td>
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<td>ASTM C 183</td>
<td>ONE TEST PER SAMPLE AT POINT OF PLACEMENT</td>
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<td>ACI 318</td>
<td>ASTM C 311</td>
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<td>CONCRETE TEMPERATURE</td>
<td>ACI 318</td>
<td>ASTM C 594</td>
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### STATEMENT OF SPECIAL INSPECTIONS AND TESTING

1. SPECIAL INSPECTORS SHALL COMPLY TO CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE REFERENCE CODES AND STANDARDS LISTED IN NOTE 2. REFER TO TABLES 2 AND 4 FOR TESTING REQUIREMENTS.

2. NON-CODE-REQUIRED AND STANDARD ARE AS FOLLOWS:

3. SPECIAL INSPECTORS SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR AND NOTED IN THE INSPECTION REPORTS. ISSUES ARISING FROM THE SPECIAL INSPECTION SHALL BE CORRECTED IMMEDIATELY.

4. THE SPECIAL INSPECTOR SHALL PERFORM INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, ARCHITECT, CONTRACTOR, AND OWNER. THE TESTING AND INSPECTION AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION IS CORRECTLY PERFORMED AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.
ROOF FRAMING PLAN NOTES:
R1. PMB Supplier to design and provide framing to brace interior and exterior walls.
R2. Canopy to provide 20'-0" min CLR between pavement and B/STL. See civil drawings for governing finished grade elevation. PMB Supplier to verify.
R3. Indicates steel moment frame per PMB Supplier.
R4. Indicates rod bracing per PMB Supplier.

GENERAL PLAN NOTES:
G1. Reference Drawings:
S0.X - Structural Notes, Special Inspection Symbols, and Abbreviations
S4.X - Concrete Details

FOUNDATION PLAN NOTES:
F1. Indicates footing type. See schedule on S4.1.
F2. Indicates bottom of footing elevation.
F3. PMB Civil for plumbing plan.

BAY 1-B CANOPY - FOUNDATION PLAN

BAY 1-B CANOPY - ROOF PLAN
**General Plan Notes:**

G1. Reference Drawings:
-  S0.X - Structural Notes, Special Inspection
-  S4.X - Concrete Details

**Foundation Plan Notes:**

F1. Indicates footing type, see schedule on 12/S4.1.

F2. Indicates bottom of footing elevation, see civil for pavement plan.

**Roof Framing Plan Notes:**

R1. PMB Supplier to design and provide framing to brace interior and exterior walls.

R2. Canopy to provide 20'-0" min clr between pavement and b/stl. See civil drawings for governing finished grade elevation. PMB Supplier to verify.

R3. Indicates steel moment frame per PMB Supplier.

R4. Indicates rod bracing per PMB Supplier.

**Exterior Wall Below by Metal Building Supplier, 6'-0" B/stl EL = 169'-6".**

**Printed:**

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<tr>
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<td>Bay 2 Canopy - Roof Plan</td>
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<td>02/13/2020</td>
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<td>Bay 2 Canopy - Partial Plan</td>
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**Contact:**

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**Revision No.**

09/01/2020
### FOOTING SCHEDULE

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### DEVELOPMENT AND SPLICE LENGTH SCHEDULE

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### TYPICAL CONCRETE WALL DETAILS

**Notes:**

- **1.** Place half of added bars #7 @ 8" OC top trans beyond the opening.
- **2.** Use length in ( ) when bar cover is 5-1/2" or noted otherwise.
- **3.** A top bar is a horizontal bar with more than 12" of fresh concrete cast above it.
- **4.** Provide collar around perp to support dirt out of black section.

**Dimensions:**

- Dimensions for Circumferential reinforcement at openings shall match bar size. Quantity and spacing of reinforcing determined by engineer. Place half of required and on each side of openings. At minimum provide 14" for each wall. Each side at opening.

**Notes:**

- **2.** Use length in ( ) when bar cover is & or noted otherwise.
- **3.** A top bar is a horizontal bar with more than 12" of fresh concrete cast above it.
- **4.** Provide collar around perp to support dirt out of black section.

**Steel:**

- #6 @ 10" OC top trans
- #5 @ 16" OC bot trans
- #5 @ 16" OC top trans
- #5 @ 16" OC bot trans
- #6 @ 16" OC top trans
- #6 @ 16" OC bot trans
- #7 @ 16" OC top trans
- #7 @ 16" OC bot trans
- #8 @ 16" OC top trans
- #8 @ 16" OC bot trans

**Concrete:**

- 30° hooks
- 90° hooks

**Wall Opening:**

- Small Opening ± 2'-0"