



REFER TO HAWTHORNE PARK UPGRADES - PUBLIC IMPROVEMENTS PLAN SET FOR ALL INFORMATION ON WORK WITHIN THE PUBLIC RIGHT-OF-WAY TYPICAL.

INSPECTION TESTING AND FREQUENCY TABLE		NOTE 1
<b>STREETS, PARKING LOTS, FILLS, ETC.</b>		
SUBGRADE: 1 TEST PER 4,000 sq ft PER LIFT (4 TESTS MIN)		NOTE 2 AND 3
ENGINEERING FILL: 1 TEST PER 4,000 sq ft PER LIFT (4 TESTS MIN)		NOTE 2 AND 4
BASE ROCK: 1 TEST PER 4,000 sq ft PER LIFT (4 TESTS MIN)		NOTE 2 AND 3
ASPHALT: 1 TEST PER 4,000 sq ft PER LIFT (4 TESTS MIN)		NOTE 2
<b>UTILITY TRENCHING</b>		
TRENCH BACKFILL: 1 TEST PER 200 LINEAL FEET PER LIFT (4 TESTS MIN)		NOTE 2
TRENCH ASPHALT RESTORATION: 1 TEST PER 300 LINEAL FEET PER LIFT (4 TESTS MIN)		NOTE 2
<b>SITE CONCRETE</b>		
SUMP: AIR AND CYLINDERS FOR ALL SITE CONCRETE AND PAVEMENTS UNLESS OTHERWISE SPECIFIED. ONE SET OF CYLINDERS PER 100 CUBIC YARDS (OR PORTION THEREOF) OF CONCRETE POURED PER DAY. SUMP AND AIR TESTS REQUIRED ON SAME LONG AS CYLINDERS.		NOTE 2
BUILDING PERMIT INSPECTION AND SPECIAL INSPECTIONS FOR STRUCTURAL CONCRETE, MASONRY, EPOXY ANCHORS, ETC. AS REQUIRED BY PROJECT STRUCTURAL ENGINEER AND CURRENT BUILDING CODES.		NOTE 2
<b>RETAINING WALLS</b>		
BUILDING PERMIT INSPECTION AND SPECIAL INSPECTION, AS WELL AS COMPACTION TESTING ON BACKFILL, AS REQUIRED BY PROJECT ENGINEER AND CURRENT BUILDING CODES.		NOTE 2 AND 4

INSPECTION TESTING AND FREQUENCY SPECIAL NOTES	
NOTE 1:	CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ANY AND ALL TESTING, INSPECTIONS, AND SPECIAL INSPECTIONS AS REQUIRED BY PROJECT ENGINEER, CURRENT BUILDING CODES OR JURISDICTIONS HAVING AUTHORITY. ALL TESTING MUST BE COMPLETED AND APPROVED PRIOR TO SUBSEQUENT WORK. ADDITIONAL OR FREQUENT TESTS MAY BE REQUIRED BY AGENCY, BUILDING OFFICIAL, OR ENGINEER.
NOTE 2:	TESTING MUST BE PERFORMED BY AN APPROVED INDEPENDENT TESTING LABORATORY RETAINED BY THE OWNER.
NOTE 3:	IN ADDITION TO IN PLACE DENSITY TESTING, THE SUB-GRADE AND BASE ROCK SHALL BE PROOF-ROLLED WITH A LOADED DUMP TRUCK OR HEAVY NON-VIBRATORY ROLLER. SOILS SHALL BE REMOVED AND RE-COMPACTED OR REPLACED WITH APPROVED IMPORTED STRUCTURAL FILL IF THEY DO NOT DEMONSTRATE A FIRM UNHELDING CONDITION. BASE ROCK PROOF ROLL SHALL TAKE PLACE WITHIN 24 HOURS PRIOR TO PAVING AND SHALL BE WITNESSED BY THE ENGINEER OR GOVERNING AGENCY (LOCATION DEPENDENT).
NOTE 4:	THE APPROVED INDEPENDENT TESTING LABORATORY SHALL PROVIDE CERTIFICATION (STAMPED BY AN ENGINEER LICENSED IN THE STATE OF OREGON) THAT THE SUB-GRADE HAS BEEN PREPARED AND ALL ENGINEERED FILLS WERE PLACED IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND DOCUMENTS.

**PROPOSED NORTH IMPROVEMENTS PLAN**

1  
C2.0  
1" = 20'

- KEYED NOTES:**
- CONSTRUCT SIDEWALK AREA AS SHOWN WITH CONCRETE PAVING SIMILAR TO DETAILS 10 AND 11 ON SHEET C3.1. COORDINATE LAYOUT WITH LANDSCAPE ARCHITECT AND ENGINEER AT T.O.C. AS REQUIRED. SCORE PER PLAN.
  - NEW PERMANENT PEDESTRIAN CONCRETE WALKING PATH. CONSTRUCT 4" THICK CONCRETE SIDEWALK (4" x 3000 PSI, 5% AIR, 4" SLUMP (REINFORCED IN J.O.I.) OVER 12" MIN. LAYER OF 3/4" MINUS ODOT SPEC OVER ACF 180 WOVEN GEOTEXTILE SUPPORT FABRIC (OR APPROVED EQUAL). SEE DETAILS 10 AND 11 ON SHEET C3.1 FOR ADDITIONAL INFORMATION. TAPER GRADE FROM EDGE OF WALKWAY AT 5% TO CATCH EXISTING.
  - CONSTRUCT PARALLEL SIDEWALK RAMP PER ODOT DETAIL R075S.
  - NEW PERMANENT PEDESTRIAN ASPHALT WALKING PATH. CONSTRUCT 2" OF ODOT 12" SPEC MIN. LEVEL 2 ASPHALT W/ 70-25 BINDER OVER 2" MIN. LAYER OF 3/4" MINUS ODOT SPEC OVER ACF 180 WOVEN GEOTEXTILE SUPPORT FABRIC (OR APPROVED EQUAL). SEE DETAIL 8 ON SHEET C3.1 FOR ADDITIONAL INFORMATION. TAPER GRADE FROM EDGE OF WALKWAY AT 5% TO CATCH EXISTING.
  - NOT USED.
  - CONNECTION TO EXISTING ASPHALT SHALL BE FLUSH AND FREE OF ABRUPT CHANGES IN HEIGHT. SAND SEAL AND TACK ASPHALT EDGES WHEN PLACING NEW ASPHALT ADJACENT TO EXISTING ASPHALT.
  - NOT USED.
  - NEW DESIGN-BUILD CONTRACTOR (VITUS CONSTRUCTION, INC.) PROVIDED AND INSTALLED RESTROOM BUILDING AND PHASE 3 SPLASH PAD PUMP HOUSE.
  - CONSTRUCT TYPE 'B' CURB CUT PER DETAIL 1 ON SHEET C3.1. NOT USED.
  - PROVIDE TYPE 'B' CURB CUT AT LOCATIONS INDICATED (10 TOTAL) PER DETAIL 1 ON SHEET C3.1.
  - PROVIDE 18" WIDE W/ LAST DRAIN BASIN W/ 24" MIN SETTLEMENT SUMP AND POLLUTION CONTROL DISCHARGE SHOUT WITH MATCHING STANDARD RISE SEPARATE. SEE DETAIL 5 ON SHEET C3.1 FOR ADDITIONAL INFORMATION.
  - NEW CLEANOUT RISER TO GRADE WITH ENGINEER APPROVED CAST IRON COVER WITH WORDS 'STORM MARKED ON TOP'. SEE DETAIL 3 ON SHEET C3.1 FOR ADDITIONAL INFORMATION TYP.
  - CONSTRUCT STORMWATER DETENTION SWALE TO GRADES AND CONTOURS SHOWN. COORDINATE WITH ENGINEER AT T.O.C. SEE LANDSCAPE PLANS FOR FINISHING REQUIREMENTS TYP.
  - PROVIDE "Mined Drain, INC." MODEL # DM3D-G PIPE END CAP OR ENGINEER APPROVED EQUAL (1 TOTAL). DRESS SURROUNDING EMBANKMENT TO MATCH SLOPE.
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  - APPROXIMATE LOCATION OF NEW PRE-CAST CONCRETE DETENTION CONTROL STRUCTURE. SEE DETAIL 3 ON SHEET C3.0 FOR ADDITIONAL INFORMATION TYP.
  - CONNECT TO EXISTING MANHOLE AT ELEVATION SHOWN (MATCHING TOP OF SPIRE). CORRECT/INSTALL EXISTING MANHOLE AND PROVIDE WATER-TIGHT NON-SHRINK GROUT TO SEAL ALL Voids TYPICAL. COORDINATE WITH CITY INSPECTOR AT T.O.C. AS REQUIRED.
  - PROVIDE AND INSTALL 150" OF 12" HDPE STORM TO INVERT ELEVATIONS SHOWN FOR FUTURE PHASE 3 IMPROVEMENTS. PROVIDE A WATER-TIGHT END CAP AND APPROVED MARKING TO GRADE.
  - APPROXIMATE LOCATION OF ROOF DOWNSPOUT (2 TOTAL). VERIFY LOCATION WITH BUILDING PLANS AND COORDINATE AS REQUIRED. CONNECT PER DETAIL 4 ON SHEET C3.1.
  - EXISTING STORM DRAIN MANHOLE RIM ELEVATION TO THE SITE. CONTRACTOR SHALL EXPOSE MANHOLE CONFIGURATION AND REPORT BACK TO ENGINEER FOR DIRECTIVE ON LOWERING. FOR REDUNDANCY/REPAIR PURPOSES, ASSUME REMOVAL AND REPLACEMENT OF THE EXISTING 36" DIAMETER CULVERT.
  - REFER TO LANDSCAPE PLANS FOR FINISHING REQUIREMENTS WITHIN LANDSCAPE PLANTERS TYP. ENGINEER SHALL INSPECT ALL FINISHED GRADE LANDSCAPE AREAS PRIOR TO RECEIVING FINAL SURFACE TREATMENT.
  - 120" x 24" ASTM D1785 50# 40 PVC DOMESTIC WATER SERVICE LINE W/ SOLVENT JOINTS FROM METERS TO BUILDING. ALL INSTALLATION SHALL CONFORM W/ CURRENT U.P.C. REQUIREMENTS. REFER TO CURRENT MWC STANDARDS FOR FURTHER INFORMATION.
  - NEW CLEANOUT RISER TO GRADE WITH ENGINEER APPROVED CAST IRON COVER WITH WORDS 'SANITARY MARKED ON TOP'. SEE DETAIL 3 ON SHEET C3.1 FOR ADDITIONAL INFORMATION TYP.
- THROUGHOUT DEMOLITION AND CONSTRUCTION PROCESS, CONTRACTOR SHALL COORDINATE THE LOCATION OF THE IRIGATION MAINLINE AND PROTECT AS REQUIRED. COORDINATE WITH LANDSCAPE PLANS AND LANDSCAPE ARCHITECT (1 THROUGHOUT) ALL LANDSCAPE FINISHES.

**VITUS CONSTRUCTION, INC.**  
HAWTHORNE PARK  
PHASE 2

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PROJECT NO: M-2010-14  
DRAWN: JIM  
CHECKED: OSS  
DATE: 12/19/14  
EXPIRES: 6-30-16

**C2.0**

100% CONSTRUCTION DOCUMENTS