

May 14, 2019

**SOLICITATION ADDENDUM NO. 1**  
**ITB 19-0018**  
**Raleigh Hills Asphalt Walking Path Replacement**

**THE FOLLOWING CHANGES/ADDITIONS TO THE ABOVE CITED SOLICITATION ARE ANNOUNCED:**

This Addendum modifies the Invitation to Bid (ITB) document(s) only to the extent indicated herein. All other areas not changed or otherwise modified by this Addendum shall remain in full force and effect. This Addendum is hereby made an integral part of the ITB document. Bidder must be responsive to any requirements of this Addendum as if the requirements were set forth in the ITB. Failure to do so may result in Bid rejection. See the ITB regarding requests for clarification or change and protests of this Addendum, and the deadlines for the foregoing.

This addendum is to be acknowledged in the space provided on the Bidder Certification form supplied in the solicitation document. Failure to acknowledge receipt of this addendum may be cause to reject your offer.

The closing date **REMAINS UNCHANGED: May 29, 2019 at 2:00 PM Pacific Time**

**CHANGES:**

1. SECTION II – STATEMENT OF WORK, paragraph 5, f, i changed as follows (changes *italicized*):
  - f. **Add-alternate #1:** Please provide separate pricing on Alternate #1, including all labor, equipment, and materials.
    - i. *Excavate for new track foot print per plan removing original 8063 SF.* Demolish, remove, and dispose of approximately 8063 SF of estimated 2.5" deep asphalt path and any compromised rock base. Remove rock base from areas where track location has moved. Cut out infiltrating tree roots that have affected the track condition.
2. Add Attachment M – Revised Drawings and Plans (see below).

**CLARIFICATIONS:**

Questions submitted via e-mail

Question: The bid schedule asks us to provide an alternative estimate including the installation of the LIDA facility but I did not see details about that work in the specs and drawings for the walking path.

Answer: Updated Drawings are attached, which include details to LIDA trench.



Question: Do you have an engineers estimate for this project?

Answer: \$135,000.00.

Question: The specification calls for 2" compacted asphalt, plus 1/2" Athletic Track Surface Material. Can you please specify what material you are referring to here? Are you maintaining responsibility for the procurement and installation of this 1/2" material or is this the contractor's responsibility.

Answer: The 1/2" track surface to finish. The 1/2" material will be done after the track is installed by another contractor. The District will handle procurement.

**-END of Addendum**

Justin Sweet  
Contract Specialist



TRACK REPLACEMENT RALEIGH HILLS ES
BEAVERTON, OREGON

GENERAL NOTES

- 1. CONSTRUCTION LAYOUT (ALL ACTUAL LINES AND GRADES) SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON COORDINATES, DIMENSIONS, BEARINGS, AND ELEVATIONS, AS SHOWN, ON THE PLANS.
- 2. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT. .
- 3. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED - DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES.
- 4. CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING MONUMENTATION DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT OF ANY MONUMENTS DAMAGED OR REMOVED DURING CONSTRUCTION. NEW MONUMENTS SHALL BE REESTABLISHED BY A LICENSED SURVEYOR.
- 5. SURVEY MAY NOT BE COMPLETE OR ACCURATE. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- 6. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND THE APPLICABLE REQUIREMENTS OF THE 2015 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2014 OREGON PLUMBING SPECIALTY CODE AND REQUIREMENTS OF THE CITY OF BEAVERTON.
- 7. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS. ALL PERMITS, LICENSES AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE EXECUTION AND COMPLETION OF WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
- 8. ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987). EXCAVATORS MUST NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND UTILITIES IN THE PROJECT AREA AT LEAST 48 BUSINESS-DAY HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS PRIOR TO COMMENCING AN EXCAVATION, SO UTILITIES MAY BE ACCURATELY LOCATED.
- 9. THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY ELEVATIONS, PIPE SIZE, AND MATERIAL TYPES OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF KPFF CONSULTING ENGINEERS, 72 HOURS PRIOR TO START OF CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
- 10. THE ENGINEER OR OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
- 11. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE CONTRACTOR SHALL ADHERE TO cws AND THE CITY OF BEAVERTON REQUIREMENTS FOR MINIMUM EROSION CONTROL MEASURES. THE ESC FACILITIES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
- 13. CONTRACTOR SHALL MAINTAIN ALL UTILITIES TO ADJACENT BUILDINGS AT ALL TIMES DURING CONSTRUCTION.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.

CONSTRUCTION NOTES

GENERAL

- 1. ACTUAL LINES AND GRADES SHALL BE STAKED BY A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OREGON, BASED ON DIMENSIONS, ELEVATIONS AND BEARINGS AS SHOWN ON THE PLANS.
- 2. SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER IS NOT PERMITTED.

DEMOLITION

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.
- 2. EXCEPT FOR MATERIALS INDICATED TO BE STOCKPILED OR TO REMAIN ON OWNER'S PROPERTY, CLEARED MATERIALS SHALL BECOME CONTRACTOR'S PROPERTY, REMOVED FROM THE SITE, AND DISPOSED OF PROPERLY.
- 3. ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
- 4. SAWCUT STRAIGHT MATCHLINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.

UTILITIES

- 1. ADJUST ALL INCIDENTAL STRUCTURES, MANHOLES, VALVE BOXES, CATCH BASINS, FRAMES AND COVERS, ETC. TO FINISHED GRADE.
- 2. ALL WORK TO CONFORM TO THE 2014 OREGON PLUMBING SPECIALTY CODE

STORM

- 1. CONNECTIONS TO EXISTING STORM SEWERS SHALL CONFORM TO THE 2015 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 00490, "WORK ON EXISTING SEWERS AND STRUCTURES".
- 2. BEGIN LAYING STORM DRAIN SEWER PIPE AT THE LOW POINT OF THE SYSTEM, TRUE TO GRADE AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERT. THE CONTRACTOR SHALL ESTABLISH LINE AND GRADE FOR THE STORM SEWER PIPE USING A LASER.
- 3. ALL CATCH BASIN LEADERS SHALL HAVE A MINIMUM SLOPE OF 2 PERCENT UNLESS NOTED OTHERWISE IN THE PLANS.
- 4. ALL HORIZONTAL CONNECTIONS TO THE STORM SEWERS SHALL BE OF THE 'WYE' BRANCH TYPE.

EARTHWORKS

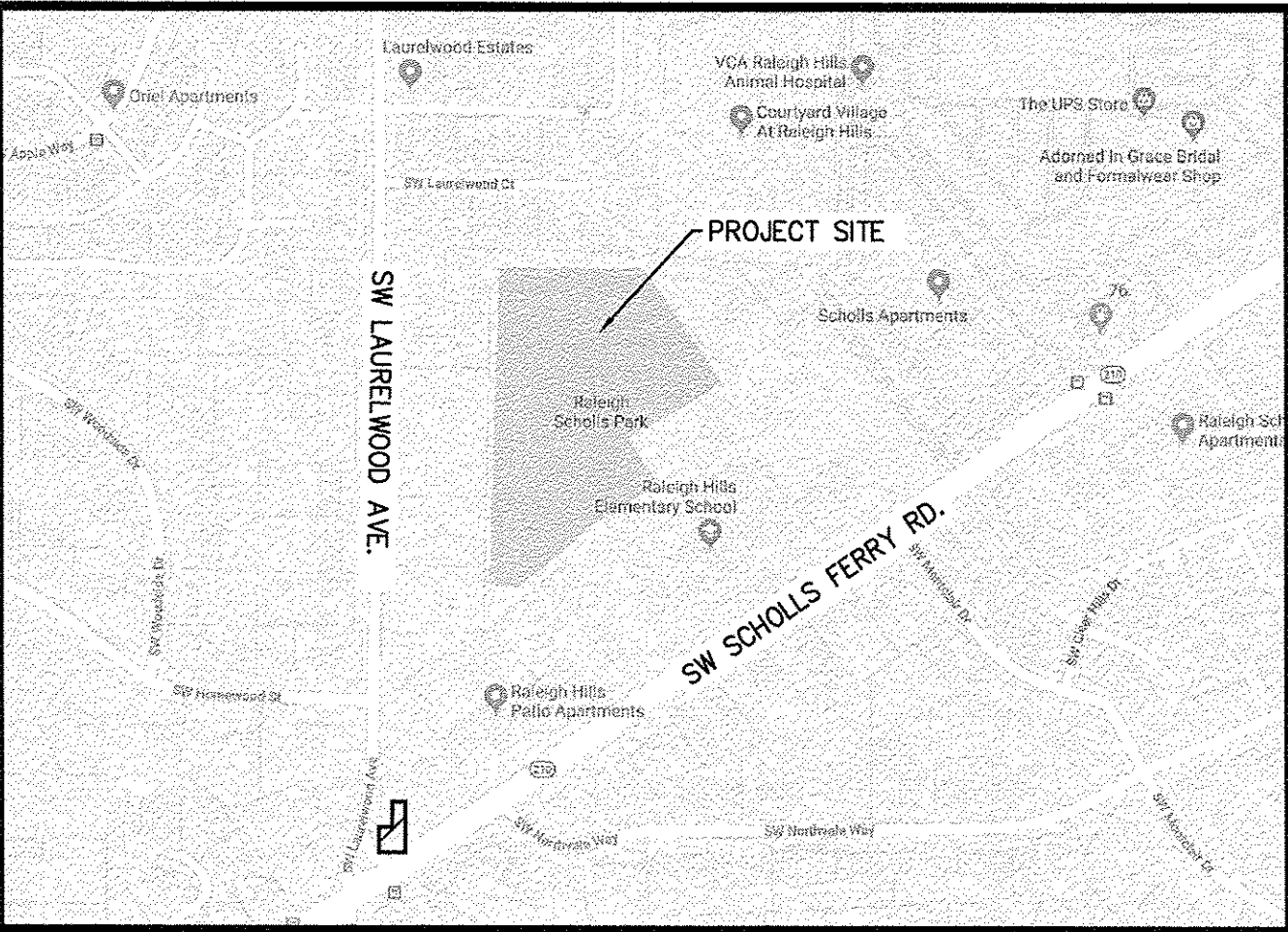
- 1. CONTRACTOR SHALL PREVENT SEDIMENTS AND SEDIMENT LADEN WATER FROM ENTERING THE STORM DRAINAGE SYSTEM.

MATERIAL NOTES

- 1. GENERAL: MATERIALS SHALL BE NEW. THE USE OF MANUFACTURER'S NAMES, MODELS, AND NUMBERS IS INTENDED TO ESTABLISH STYLE, QUALITY, APPEARANCE, AND USEFULNESS. PROPOSED SUBSTITUTIONS WILL REQUIRE WRITTEN APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.
- 2. STORM SEWER PIPING SHALL BE PVC CONFORMING TO THE PROJECT SPECIFICATIONS; AS INDICATED IN THE PLANS.

ABBREVIATIONS

AC	ASPHALT CONCRETE	OVH/OH	OVERHEAD
AD	AREA DRAIN	P/L	PROPERTY LINE
APPROX	APPROXIMATE	PC	POINT OF CURVATURE
BLDG	BUILDING	PCC	POINT OF COMPOUND CURVATURE
BOW	BACK OF WALK	PCR	POINT OF CURB RETURN
BS	BOTTOM OF STAIR	PED	PEDESTRIAN
BW	BOTTOM OF WALL	PIV	POST INDICATOR VALVE
CB	CATCH BASIN	PM	PARKING METER
CL	CENTERLINE	PCC	POINT ON CURVE
CMP	CORRUGATED METAL PIPE	PP	POWER POLE
CMU	CONCRETE MASONRY UNIT	PRC	POINT OF REVERSE CURVATURE
CO	CLEANOUT	PT	POINT OF TANGENT
CONC.	CONCRETE	PVC	POLYVINYL CHLORIDE
COTG	CLEANOUT TO GRADE	PVT	PRIVATE
CP	CONTROL POINT	RD	ROOF DRAIN
Δ	DELTA	R.O.W	RIGHT-OF-WAY
D/W	DRIVEWAY	S	SLOPE (FT/FT)
DIA.,Ø	DIAMETER	SD	STORM DRAIN
DIP	DUCTILE IRON PIPE	SDMH	STORM DRAIN MANHOLE
E	EASTING	SHT	SHEET
EXIST./EX	EXISTING	SS	SANITARY SEWER
FDC	FIRE DEPARTMENT CONNECTION	SSMH	SANITARY SEWER MANHOLE
FF	FINISH FLOOR ELEVATION	ST	STREET
FG	FINISH GRADE	STA	STATION
FH	FIRE HYDRANT	STD	STANDARD
FND	FOUNDATION	S/W	SIDEWALK
G	GUTTER	TC	TOP OF CURB
GB	GRADE BREAK	TG	TOP OF GROUND
GL	GAS LINE	TP	TOP OF PAVEMENT
GV	GATE VALVE	TRANS.	TRANSFORMER
H	HEIGHT	TS	TOP OF STAIR
HCP	HANDICAP PARKING SPACE	TW	TOP OF WALL
HP	HIGH POINT		TOP OF WALK
ID	INSIDE DIAMETER	TYP	TYPICAL
IE	INVERT ELEVATION	UG	UNDERGROUND
INV	INVERT	UGE	UNDERGROUND ELECTRIC
IRR	IRRIGATION	W	WATER
LP	LIGHT POLE	W/	WITH
MH	MANHOLE	WCR	WHEEL CHAIR RAMP
MIN	MINIMUM	WM	WATER METER
N	NORTHING	WV	WATER VALVE
O.D	OUTSIDE DIAMETER		



VICINITY MAP

SCALE: NTS

PROJECT CONTACTS

OWNER:
BEAVERTON SCHOOL DISTRICT
2180 SW 170TH AVE
BEAVERTON, OREGON 97003
TEL: 503-356-4430
CONTACT: KARI MCGATHA

CIVIL ENGINEER:
KPFF CONSULTING ENGINEERS
111 SW FIFTH AVENUE, SUITE 2500
PORTLAND, OREGON 97204
TEL: 503-227-3251
CONTACT: DAAN DOMMELS

NOTICE TO EXCAVATORS:
ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503)-232-1987).

POTENTIAL UNDERGROUND FACILITY OWNERS

Dig Safely.

Call the Oregon One-Call Center
1-800-332-2344

EMERGENCY TELEPHONE NUMBERS

NW NATURAL GAS
M-F 7am-6pm 503-226-4211 Ext.4313
AFTER HOURS 503-226-4211
PGE 503-464-7777
QWEST 1-800-573-1311
CITY BUREAU OF MAINTENANCE 503-823-1700
CITY WATER 503-823-4874
VERIZON 1-800-483-1000

SHEET INDEX

SHEET NO.	SHEET TITLE	SHEET DESCRIPTION
1	C0.0	COVER SHEET
2	C1.0	EXISTING CONDITIONS PLAN
3	C1.1	DEMOLITION PLAN
4	C2.0	SITE PLAN
5	C3.0	GRADING PLAN
6	C4.0	EROSION AND SEDIMENT CONTROL PLAN
7	C4.1	EROSION AND SEDIMENT CONTROL DETAILS



JOB No.: 1800476
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DRAWN BY: DDO
CHECKED BY: XXX
PLOT DATE: 5/3/19 2:34pm
PLOTTED BY: DDommels
DWG NAME:
TAB NAME: C0.0

5225 SW SCHOLLS FERRY ROAD, PORTLAND, OR 97225
RALEIGH HILLS ELEMENTARY SCHOOL
TRACK REPLACEMENT

COVER SHEET

SHEET NO.

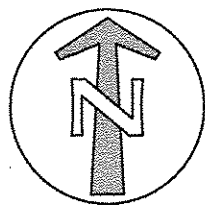
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SHEET 1 OF XX
RECORD NO. XXXXX-XX



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REVISION	DATE	DESCRIPTION	BY



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TAB NAME: C1.0

5225 SW SCHOLLS FERRY ROAD, PORTLAND, OR 97225

RALEIGH HILLS ELEMENTARY SCHOOL  
TRACK REPLACEMENT

EXISTING CONDITIONS PLAN

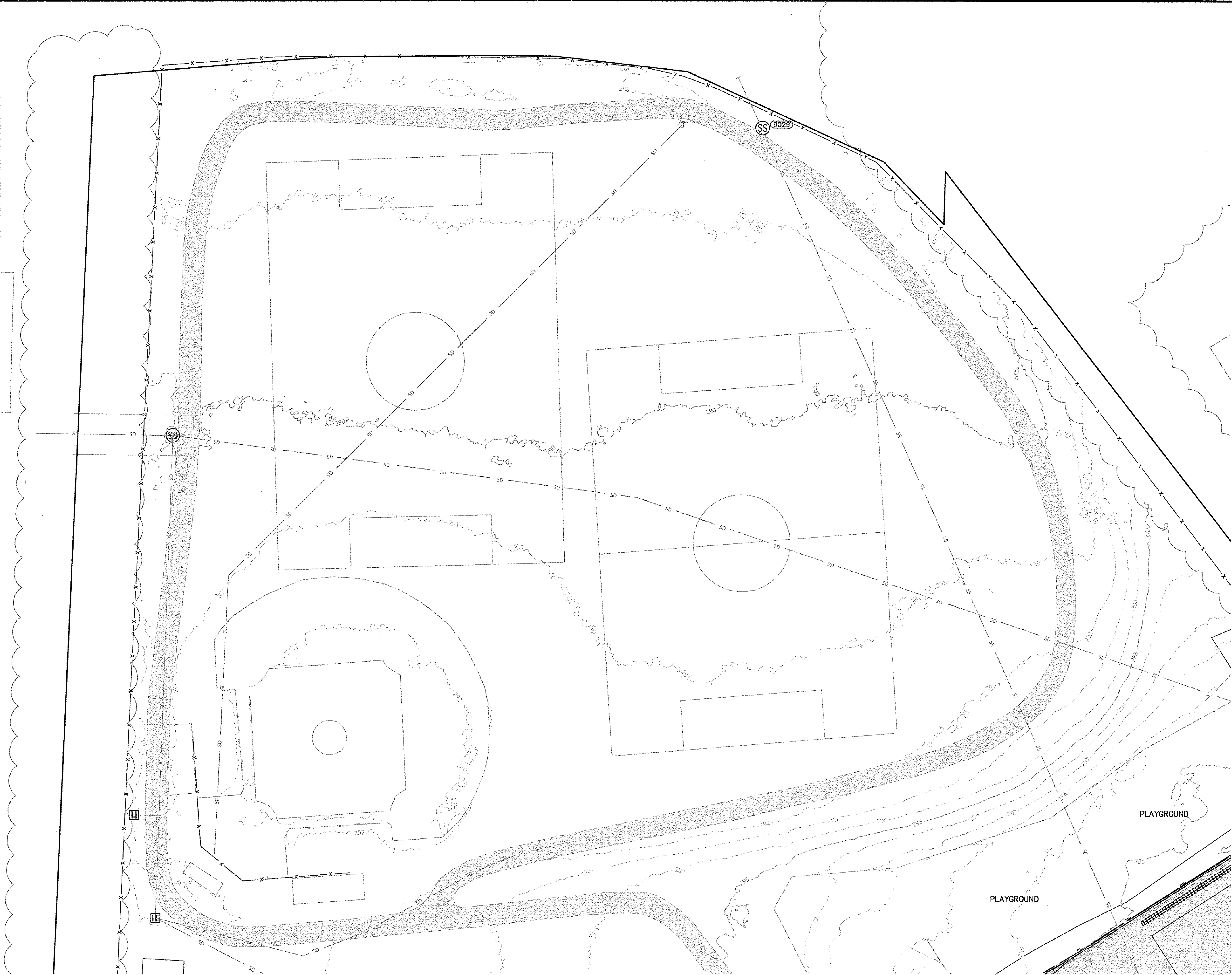
SHEET NO.

C1.0

SHEET 1 OF XX  
RECORD NO. XXXXX-XX

SHEET NOTES

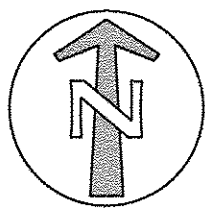
- EXISTING CONDITIONS BASED ON DRONE INFORMATION AND SURVEY INFORMATION PROVIDED BY THE BEAVERTON SCHOOL DISTRICT. ACTUAL FIELD CONDITIONS MIGHT DIFFER.





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Plotted: 5/3/19 at 2:45pm By: DDomms

REVISION	DATE	DESCRIPTION	BY



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DRAWN BY:	DDO
CHECKED BY:	XXX
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PLOTTED BY:	DDommels
DWG NAME:	
TAB NAME:	C1.1

5225 SW SCHOLLS FERRY ROAD, PORTLAND, OR 97225

RALEIGH HILLS ELEMENTARY SCHOOL  
TRACK REPLACEMENT

DEMOLITION PLAN

SHEET NO.	C1.1
SHEET 1 OF XX	
RECORD NO.	XXXXX-XX

### DEMOLITION NOTES

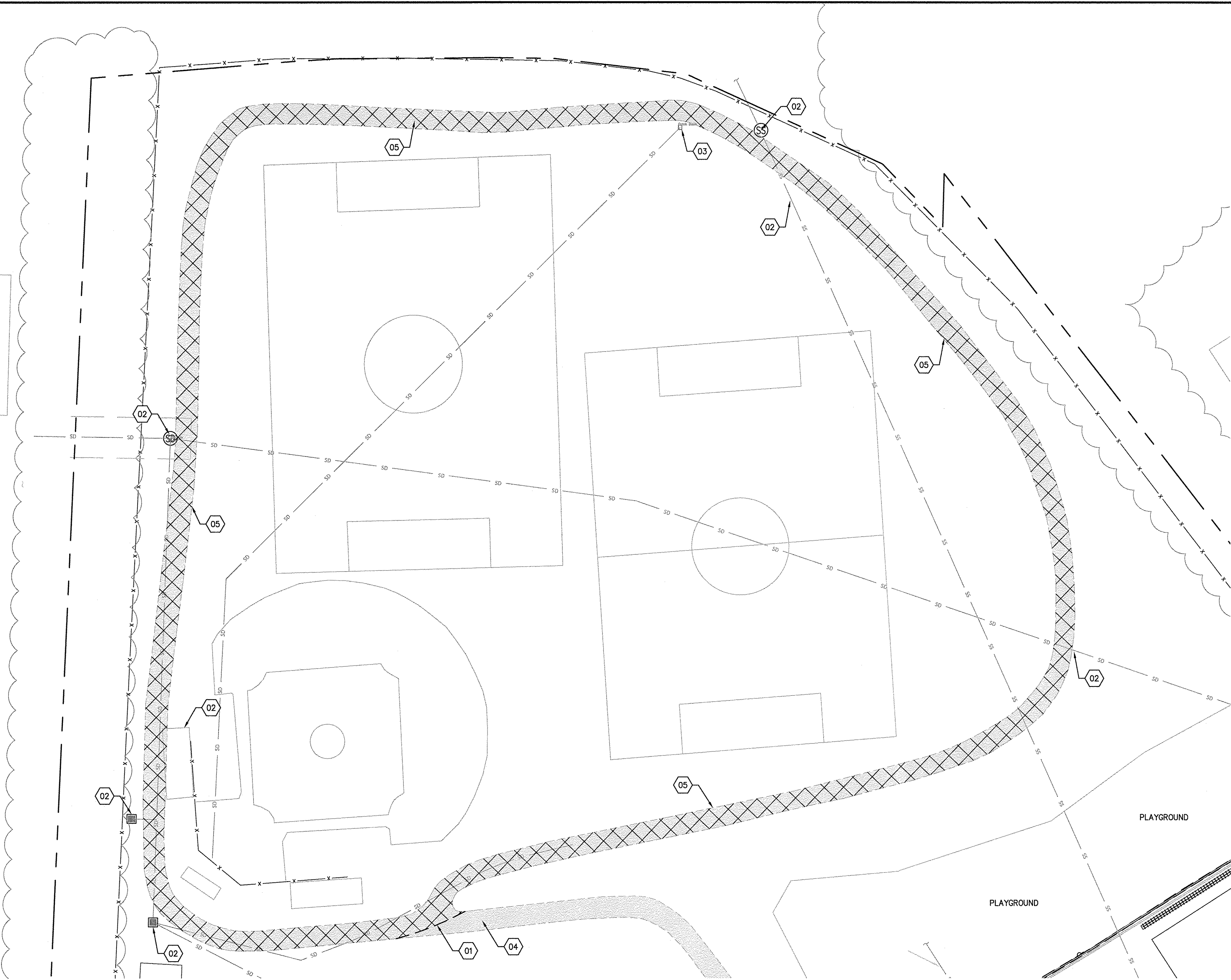
1. REFERENCE SHEET C1.0 FOR EXISTING CONDITIONS PLANS.
2. CONTRACTOR TO WALK THE SITE WITH THE OWNER PRIOR TO DEMOLITION TO VERIFY DEMOLITION LIMITS, SALVAGE ITEMS, AND IDENTIFY ITEMS TO REMAIN.
3. FIELD VERIFY EXISTING SERVICES TO EXISTING NEIGHBORING BUILDINGS, COORDINATE UTILITY DISRUPTIONS WITH OWNER.
4. SAWCUT STRAIGHT LINES TO CREATE A BUTT JOINT BETWEEN THE EXISTING AND NEW PAVEMENT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, AND OTHER SITE ELEMENTS WITHIN THE SITE AREA IDENTIFIED IN THE PLANS.
6. ALL LANDSCAPING AND PAVEMENT BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
7. ALL NECESSARY PERMITS MUST BE OBTAINED PRIOR TO ANY WORK.

### DEMOLITION KEY NOTES

- 01 SAW CUT AT EXISTING PATHWAY TO REMAIN
- 02 PROTECT EXISTING UTILITY AND OR STRUCTURE
- 03 RELOCATE EXISTING CATCH BASIN/AREA DRAIN
- 04 PROTECT EXISTING PATHWAY TO REMAIN
- 05 REMOVE EXISTING TRACK

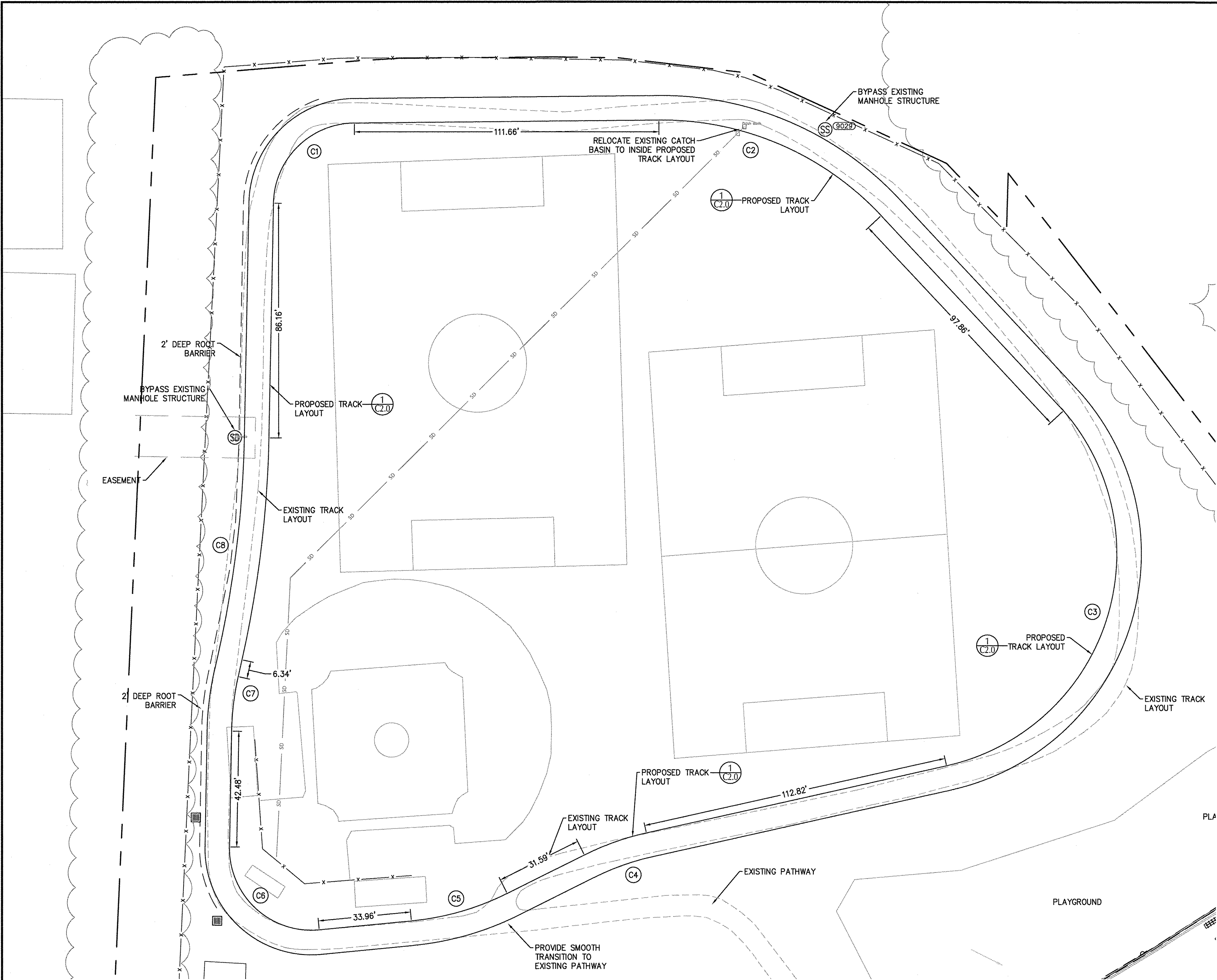
### LEGEND

	PROPERTY LINE
	SAWCUT LINE
	REMOVE EXISTING TRACK





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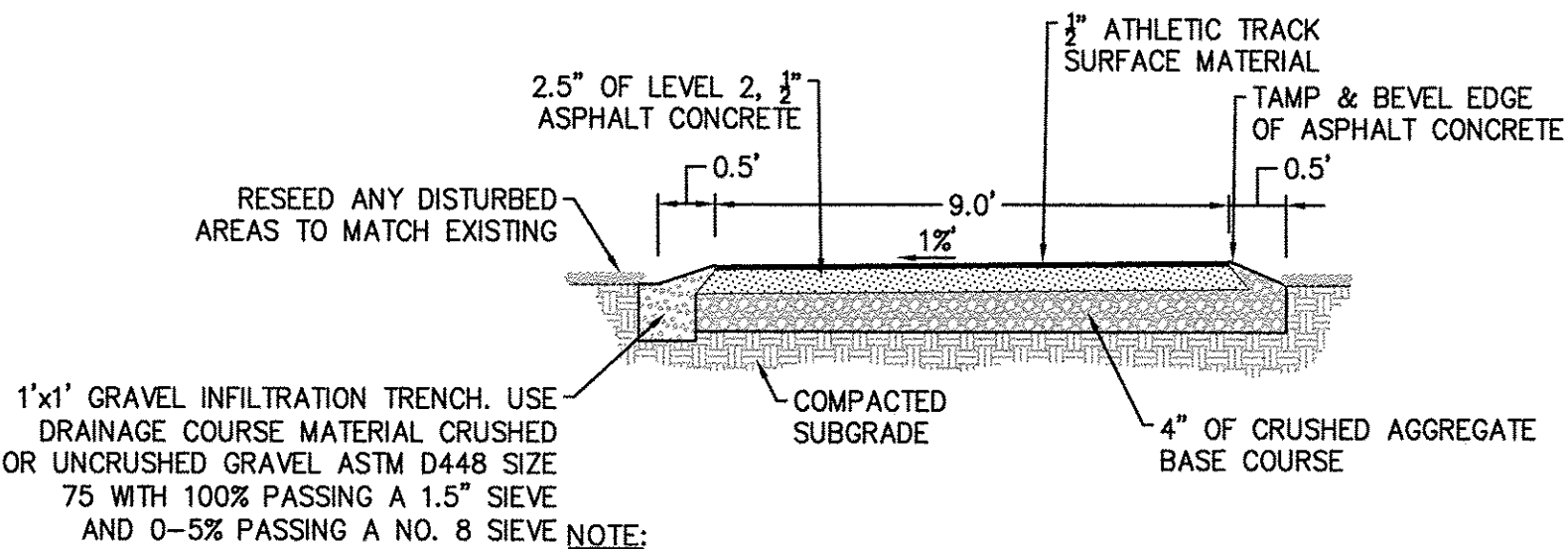


IMPROVEMENTS

1. REPLACE EXISTING 8 FEET WIDE ASPHALT PAVED TRACK WITH A NEW 9 FEET WIDE ASPHALT PAVED TRACK WITH ATHLETIC TRACK SURFACE.
- EXISTING TRACK SURFACE : 8063 sqft  
PROPOSED TRACK SURFACE : 9610 sqft

CURB RADIUS TABLE

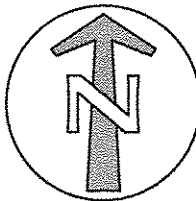
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C1	670494.96	7622563.78	46.24'	30.00'	88°18'30"	41.80'	670524.35	7622593.49
C2	670525.41	7622705.15	91.23'	110.00'	47°31'10"	88.64'	670490.47	7622786.61
C3	670418.93	7622853.38	165.16'	80.00'	118°17'00"	137.35'	670288.45	7622810.47
C4	670254.96	7622702.35	22.03'	91.00'	13°52'20"	21.98'	670247.59	7622681.65
C5	670241.54	7622649.36	36.73'	100.00'	21°02'30"	36.52'	670231.47	7622614.26
C6	670228.22	7622580.45	50.56'	30.00'	96°33'20"	44.78'	670258.65	7622547.58
C7	670301.12	7622548.39	20.23'	100.00'	11°35'20"	20.19'	670321.17	7622550.80
C8	670329.32	7622543.41	80.37'	400.00'	11°30'40"	80.24'	670408.98	7622553.06



- NOTE:
- CROSS-SECTION SHOWN IS FOR REFERENCE ONLY. COORDINATE FINAL TRACK SECTION WITH ATHLETIC TRACK MANUFACTURER.
  - TRACK CROSS SLOPE TO BE 2.0% MAXIMUM CONSTRUCTED

1 ATHLETIC TRACK CROSS-SECTION  
SCALE: NTS

REVISION	DATE	DESCRIPTION	BY



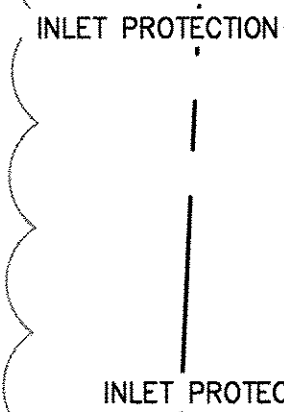
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CHECKED BY:	XXX
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PLOTTED BY:	DDommels
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TAB NAME:	C2.0

5225 SW SCHOLLS FERRY ROAD, PORTLAND, OR 97225	SHEET NO.
RALEIGH HILLS ELEMENTARY SCHOOL TRACK REPLACEMENT	C2.0
SITE PLAN	SHEET 1 OF XX
	RECORD NO. XXXXX-XX









1. CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION / SEDIMENTATION CONTROL DURING CONSTRUCTION (ANY TIME OF THE YEAR), PER THE "EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL: DATED DEC. 2000 AND CLEAN WATER SERVICES DESIGN AND CONSTRUCTION STANDARDS, R&O 07-20, CHAPTER 6.
2. APPROVAL OF THIS EROSION / SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETA)
3. THE IMPLEMENTATION OF THESE ESC PLANS AND CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE CITY OF BEAVERTON AND VEGETATION / LANDSCAPING IS ESTABLISHED. THE DEVELOPER SHALL BE RESPONSIBLE FOR MAINTENANCE OF ESC AFTER THE PROJECT IS APPROVED AND UNTIL THE LOTS ARE SOLD.
4. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT / CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION.
5. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE.
7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT / CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
8. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE EVERY TWO WEEKS OR WITHIN 24 HOURS FOLLOWING A STORM EVENT.
9. REMOVAL OF TRAPPED SEDIMENT IN A SEDIMENT BASIN OR SEDIMENT TRAP MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY (50) PERCENT AND AT COMPLETION OF PROJECT.
10. STABILIZED GRAVEL ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
11. STORM DRAIN INLETS, BASINS AND AREA DRAINS SHALL BE PROTECTED UNTIL PAVEMENT SURFACES ARE COMPLETED AND / OR VEGETATION IS RE-ESTABLISHED.
12. PAVEMENT SURFACES AND VEGETATION ARE TO BE PLACED AS RAPIDLY AS POSSIBLE.
13. SEEDING SHALL BE PERFORMED NO LATER THAN SEPTEMBER 1ST FOR EACH PHASE OF CONSTRUCTION.
14. IF THERE ARE EXPOSED SOILS, OR SOILS ARE NOT FULLY ESTABLISHED FROM OCTOBER 1ST THROUGH MAY 31ST, THE WET WEATHER EROSION CONTROL MEASURES WILL BE IN EFFECT. SEE CHAPTER 6 OF THE EROSION PREVENTION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL FOR REQUIREMENTS.
15. ESC MEASURES SHALL BE REMOVED BY THE DEVELOPER / OWNER WHEN VEGETATION IS FULLY ESTABLISHED.
16. NOTIFY CITY OF BEAVERTON CONSTRUCTION INSPECTOR 24 HOURS PRIOR TO ANY WORK ON THIS SITE.
17. FOR ADDITIONAL EROSION CONTROL AND EARTHWORK NOTES, SEE SHEET C3.1.

PROPERTY LINE

SEDIMENT FENCE

LIMITS OF WORK

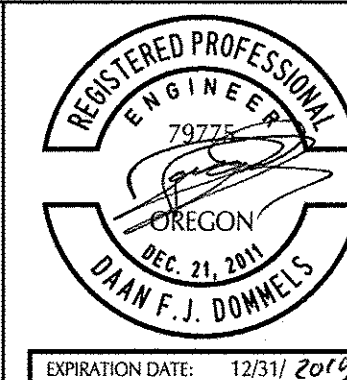
EX. CONTOUR MINOR

EX. CONTOUR MAJOR

PROP. CONTOUR MINOR

PROP. CONTOUR MAJOR

INLET PROTECTION



5225 SW SCHOLLS FERRY ROAD, PORTLAND, OR 97225

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RALEIGH HILLS ELEMENTARY SCHOOL  
TRACK REPLACEMENT

SHEET NO.

## C4.0

SHEET	1	OF	XX
RECORD NO.			
XXXXXX-XX			



1. DUE TO THE REMOTENESS OF TEH SITE AND TEH INVASIVENESS OF A CONSTRUCTION ENTRANCE COMPARED TO TEH ACTUAL SITE IMPROVEMENTS A CONSTRUCTION ENTRANCE IS NOT IMPLEMENTED. HOWEVER THE CONTRACTOR IS RESPONSIBLE FOR CLEANING ANY ACCESS DEBRIS AND OF SOIL ON THE CONSTRUCTION EQUIPMENT TO PREVENT TRACKING OF SEDIMENT ACROSS THE SCHOOL SITE AND OR PUBLIC RIGHT OF WAY.
2. FUEL STORAGE AND FUELING ARE NOT ALLOWED.
3. THERE IS NO ANTICIPATED STOCKPILING ONSITE.

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.
3. ALL ESC MEASURES DOWNSLOPE MUST BE IN PLACE PRIOR TO GRADING ACTIVITIES. INTEGRATE EROSION CONTROL MEASURES TO UPSLOPE AREAS AS PROJECT PROGRESSES.

1. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, FREEZING TEMPERATURES OR FROST, AND OTHER HAZARDS CREATED BY EARTHWORK OPERATIONS. PROVIDE PROTECTIVE INSULATING MATERIALS AS NECESSARY.
2. PREVENT SURFACE WATER AND GROUNDWATER FROM ENTERING THE EXCAVATION, FROM ponding ON PREPARED SUBGRADES, AND FROM FLOODING PROJECT SITE AND SURROUNDING AREAS.
3. PROTECT SUBGRADES FROM SOFTENING, UNDERMINING, WASHOUT, AND DAMAGE FROM RAIN OR WATER ACCUMULATION.
4. REMOVE SURPLUS SATISFACTORY SOIL AND WASTE MATERIAL, TRASH, AND DEBRIS AND LEGALLY DISPOSE OF IT OFF OWNER'S PROPERTY.
5. IMPLEMENT REQUIRED EROSION AND SEDIMENT CONTROL MEASURES PER THIS PLAN.

