

SOUTHRIDGE HIGH SCHOOL SOFTBALL DRAINAGE

PREPARED FOR BEAVERTON SCHOOL DISTRICT

SITE INFORMATION

LOCATION

SECTION, TOWNSHIP, RANGE

9625 SW 125TH AVE BEAVERTON, OR 97008

SE 1/4 OF SE 1/4 SECTION 28, T1S, R1W, W.M., WASHINGTON COUNTY, OR

TAX LOT(S)

1S128DD 300

PROJECT TEAM

OWNER / APPLICANT CIVIL ENGINEER

BEAVERTON SCHOOL DISTRICT 16550 SW MERLO ROAD BEAVERTON, OR 97003 CONTACT: PATRICK O'HARROW PHONE: (503) 319-8289

3J CONSULTING, INC. 9600 SW NIMBUS AVENUE, SUITE 100 BEAVERTON, OR 97008 CONTACT: JIM SCHMITT, PE PHONE: (503) 946-9365

EMAIL: patrick_o'harrow@beaverton.k12.or.us EMAIL: jim.schmitt@3j-consulting.com

LEGEND

STORM DRAIN COLLECTOR PIPE STORM DRAIN LATERAL PIPE PROPOSED TRENCH

PROPOSED CLEANOUT

STORM DRAIN KEY NOTES

- 1) CONNECT EXISTING DRAINAGE SYSTEM OUTLET TO PROPOSED STORM LINE
- INSTALL 2" ROUND PERFORATED HDPE DRAIN LATERAL PIPE WITH WIDE SLOT HOLES AND NO SOCK. SEE TRENCH DETAIL 1. SHEET C4. INSTALL TRACER WIRE ALONG THE ENTIRE LEWIGH.
 INSTALL 4" DUAL WALL PERFORATED HDPE PIPE WITH NO SOCK. SEE TRENCH DETAIL 5. SHEET C4. INSTALL TRACER WIRE ALONG THE ENTIRE LENGTH.
- (4) CONNECT PROPOSED FIELD DRAINAGE SYSTEM OUTLET TO PROPOSED STORM LINE
- (5) CONNECT EXISTING DUGOUT ROOF DRAIN DOWNSPOUT TO PROPOSED STORM LINE
- 6 CONTRACTOR TO REPAIR ALL IRRIGATION DAMAGED RESULTING FROM DRAINAGE SYSTEM INSTALLATION

PUBLISH DATE 5/4/2022 ISSUED FOR BID SET

REVISIONS

COMPOSITE SITE PLAN
SOUTHRIDGE HIGH SCHOOL
SOFTBALL DRAINAGE
BEAVERTON SCHOOL DISTRICT
BEAVERTON, OREGON

GENERAL NOTE
INFORMATION SHOWN IS BASED ON AERIAL AND
AS-BUILT DATA ONLY AND IS MEANT ONLY FOR
REFERENCE. CONTRACTOR IS RESPONSIBLE TO
VERIFY EXISTING SITE CONDITIONS





ROJECT INFORMATION

3J PROJECT # | 22760 TAX LOT(S) | 1S128DD 300 LAND USE # | N/A DESIGNED BY I JMF CHECKED BY | JJS



STRUCTURE

TABLE EXCO-01 EXISTING CLEANOUT RIM: 249.10 12" IE IN (W): 242.92 10" IE IN (S): 242.92 12" IE IN (E): 242.92

STORM DRAIN KEY NOTES

- OCNNECT TO EXISTING STORM LINE. CONTRACTOR TO POTHOLE EXISTING STORM PIPE AT CONNECTION LOCATIONS PRIOR TO THE START OF CONSTRUCTION. NOTITY ENGINEER OF ANY CONFLICTS OR DIFFERENCES.

 CONSTRUCT ASTM D3034 PVC (SDR 35) STORM SEWER TO A LIGNMENT AS SHOWN; SIZE, MINIMUM SLOPE, AND LENGTH AS NOTED. SEE PIPE TRENCH DETAIL 5 ON SHEET C4. CONTRACTOR TO MAINTAIN A MINIMUM OF 18" OF COVER OVER INSTALLED STORM MAIN LINE.
- 3 CONSTRUCT STORM CLEANOUT PER DETAIL 3 ON SHEET C4. ADJUST RIM TO MATCH EXISTING GRADE.

CONSTRUCTION KEY NOTES

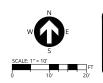
- REMOVE EXISTING ASPHALT AND REPLACE TO THE MINIMUM SPECIFICATIONS PER DETAIL 4 ON SHEET C4
 REMOVE EXISTING CURB AND REPLACE PER DETAIL 2 ON SHEET C4. PAINT TO MATCH EXISTING.

LEGEND



PROPOSED TRENCH PROPOSED CLEANOUT EXISTING CLEANOUT EXISTING CATCH BASIN

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SOUTHRIDGE HIGH SCHOOL
SOFTBALL DRAINAGE
BEAVERTON SCHOOL DISTRICT UTILITY CONNECTION

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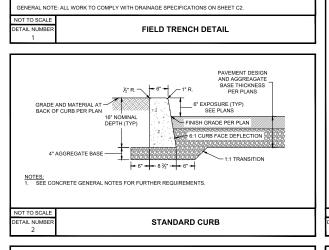
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C3

ASPHALT (TWO EQUAL LIFTS) - LEVEL 2
ASPHALT PAVING PER THE 2018 OREGON STANDARD
SPECIFICATIONS FOR CONSTRUCTION, SECTION 00745
COMPACT TO 91%, OF SPECIFIC GRAVITY PER ASTM D
2011
CRUSHED ROCK LEVELING COURSE (34" - 0")
COMPACT TO 92% OF MAX DENSITY PER ASTM D-1557
CRUSHED ROCK BASE (1-1/2" - 0")
COMPACT TO 93% OF MAX DENSITY PER ASTM D-1557
SUBGRADE GEOTEXTILE (NON-MOVEN)
PER THE 2018 OREGON STANDARD SPECIFICATIONS FOR
CONSTRUCTION, SECTION 02320.20, TRABLE 02320-4
EXISTING SUBGRADE
COMPACT TO 96% OF MAX DENSITY PER ASTM D-1557,
OR AS DIRECT BY GEOTECHNICAL ENGINEER

NOT TO SCALE
DETAIL NUMBER
MID DUTY ASPHALT PAVEMENT SECTION



(MIN.)

(MIN.)

MINIMUM OF 1" DEEP

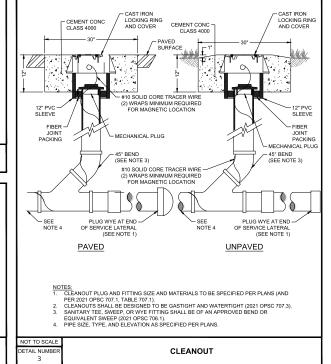
SPECIFICATIONS SEE SHEET C2 SECTION 2.4 & 4.5.

PIPE TYPE AND SIZE PER

FOR SOIL BLEND

PLAN

FINISHED GRADE -



CLASS B

1-1/2" MAX SIZE 90% MAX DRY DENSITY

COMPACTION ASTM D1557 BELOW 4' OF

SURFACE

SURFACE PER PLAN

CRUSHED ROCK -1-1/2" MAX SIZE 95% MAX DRY DENSITY COMPACTION PER ASTM D1557 WITHIN 4' OF

SURFACE

CRUSHED ROCK

PIPE ZONE 1-1/2" MAX SIZE

PIPE BEDDING 1-1/2" MAX SIZE

TRENCH WIDTH MINIMUM: 6" -BEYOND PIPE O.D.

NOT TO SCALE

DETAIL NUMBE

UNDISTURBED EARTH

CLASS A

RUSHED ROCK A NATIVE MATERIAL

NOTES:

1. IF REQUIRED, TRENCH STABILIZATION SHALL BE SPECIFIED SEPARATELY AND PLACED PRIOR TO

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PLACEMENT OF BEDDING MATERIAL.
 ALL COMPACTION REQUIREMENTS PER ASTM 1557 AND 0898.
 STORM, LINES IN CLASS & TERNOH WITH LESS THAN 1'0F COVER SHALL HAVE CDF BACKFILL FROM TOP
OF PIPE ZONE TO SUBGRADE. CDF BACKFILL TO BE ASTM C150, 100-200PSI.
 COMPACTION TEST FREQUENCY REQUIRED PER OSSC 00495 OR PER GEOTECHNICAL
RECOMMENDATIONS.
 DECREASE MAXIMUM LIFT THICKNESS TO AID COMPACTION.

PIPE TRENCH

MOUND EXCESS NATIVE

MATERIAL OVER TRENCH

UNDISTURBED EARTH

1/2 PIPE OUTSIDE

1/2 PIPE OUTSIDE DIAMETER PLUS 3*

(6" MINIMUM)

TO ALLOW FOR SETTLEMENT 12" NATIVE TOP

SOIL IF TOP SOIL EXISTED PRIOR TO EXCAVATION



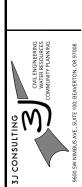
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SHEET NUMBER C4

