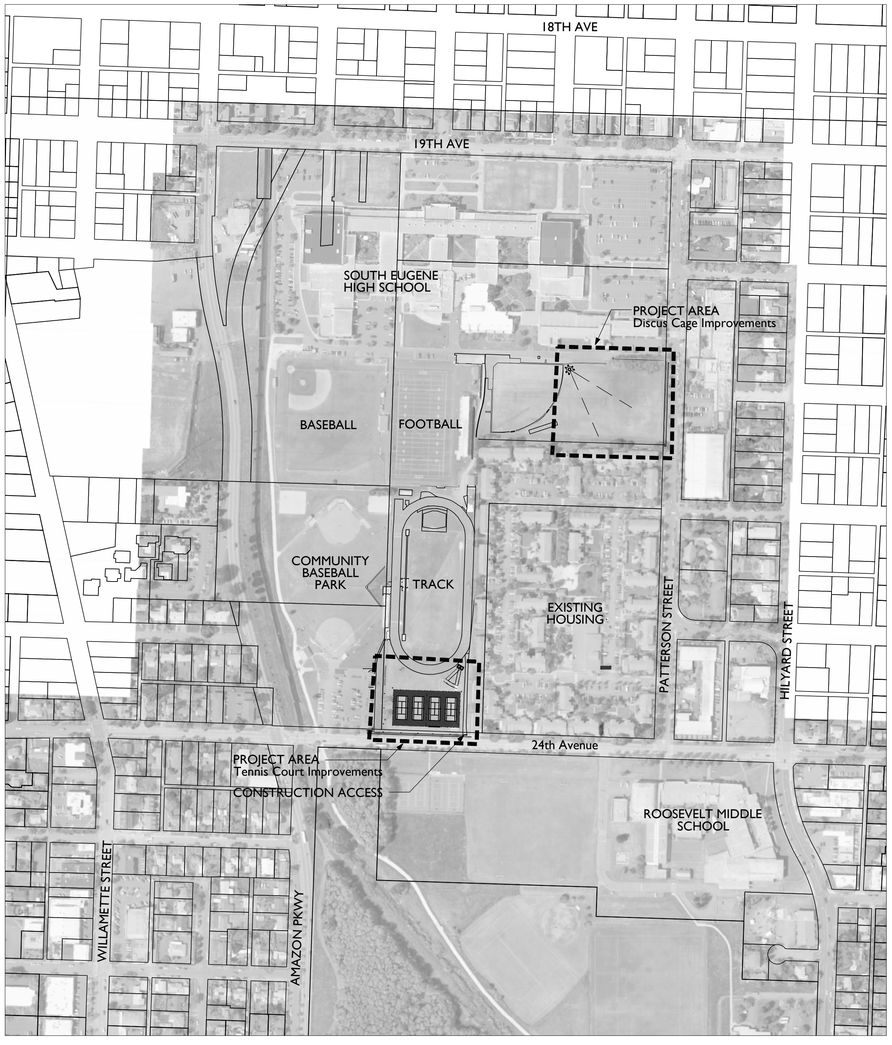
4J SOUTH EUGENE HIGH SCHOOL

TENNIS COURT RELOCATION



VICINITY & SITE MAP

NORTH

NOT TO SCALE

PROJECT TEAM

PROJECT MANAGER
Eugene School District 4J
715 West 4th Avenue
Eugene, OR 97402
P: 541.790.7417
F: 541.790.7420
Contact: Kirk Gebb

LANDSCAPE ARCHITECT
Cameron McCarthy Landscape Architecture & Planning
160 East Broadway
Eugene, OR 97401
P: 541.485.7385
F: 541.485.7389
Contact: Larry Gilbert, ASLA

STRUCTURAL ENGINEERING
KPFF Consulting Engineers
1201 Oak Street. St. 100
Eugene, OR 97401
P: 541.684.4902
Contact: Mark Tobin, S.E.

CIVIL ENGINEER
KPFF Consulting Engineers
1201 Oak Street. St. 100
Eugene, OR 97401
P: 541.684.4902
Contact: Matt Keenan, P.E.

SURVEY
Baker & Associates, Surveyors
1347 Market Street
Springfield, OR 97477
P: 541.343.7243
Contact: Daniel W. Baker

DRAWING INDEX

PROJECT INFORMATION

PROJECT ADDRESS: 400 E. 19th Ave.
Eugene, OR 97401

ASSESSOR'S MAP & TAX LOT: 18-03-05-22-06000

ZONING: PL-Public Land

CAMERON McCARTHY
LANDSCAPE ARCHITECTURE & PLANNING
160 East Broadway ▪ Eugene Oregon 97401
v 541.485.7385 f 541.485.7389
www.cameronmccarthy.com

4J - SOUTH EUGENE HIGH SCHOOL
TENNIS COURT RELOCATION

4J South Eugene High School
400 East 19th Ave
Eugene, Oregon 97401

STAMP

REGISTERED LANDSCAPE ARCHITECT
285
LARRY K. GILBERT
OREGON

Designed:	LG
Drawn By:	KK
Checked:	LG
Project #:	
Date:	09/03/2014

Rev. #:	Date:

100% CONSTRUCTION DOCUMENTS

SHEET TITLE

COVER

SHEET #

GO

SOUTH EUGENE HIGH SCHOOL
SOUTHEAST SOCCER FIELD AND TRACK

DECEMBER 17, 2012
REVISED: MARCH 18, 2013
REVISED: JULY 18, 2014

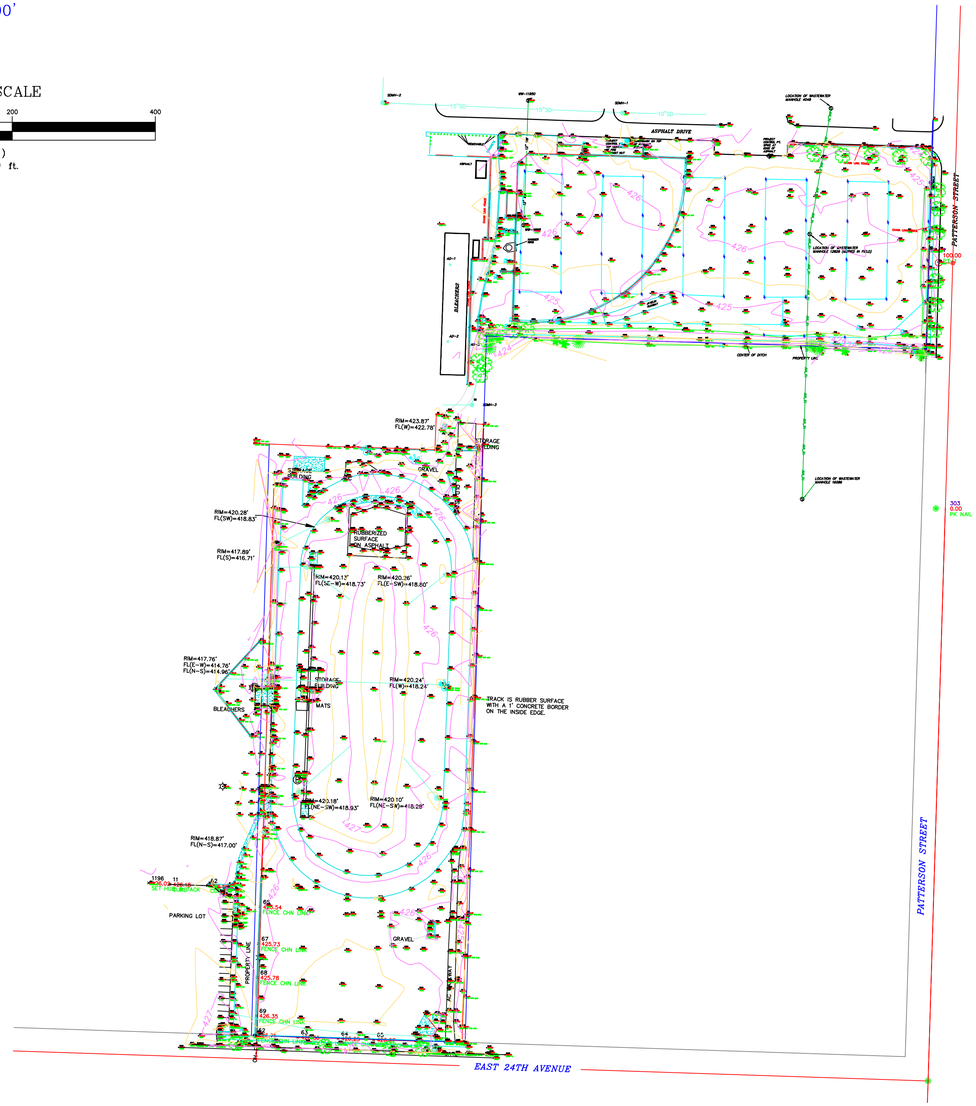
SCALE 1"=100'

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

SOUTH EUGENE HIGH SCHOOL



STORM MANHOLE AND AREA DRAINS

SDMH-1
RIM=424.49'
15"FL(W)=419.87'
10"FL(E)=419.95'

SDMH-2
RIM=423.74'
10"FL(N)=419.20'
15"FL(E)=419.30'
15"FL(W)=419.14'

FL OF 18" STORM AT AMAZON CHANNEL = 417.0' OUTFALL IS 4 FEET SOUTH OF CROSSWALK

SDMH-3
RIM=425.21'
15"FL(W)=419.87'
10"FL(E)=419.95'

AD-1
RIM=424.37'
15"FL(W)=419.87'

AD-2
RIM=424.38'
15"FL(W)=419.87'

AD-3
RIM=420.97'
10"FL(S)=418.54'

AD-4
RIM=424.47'
10"FL(N)=423.08'

WASTEWATER MANHOLES

WW-4268
RIM=425.50'
12"FL(N)=417.18'
PIPE TO SOUTH CAPPED

WW-11950
RIM=425.18'
12"FL(N)=416.70'
12"FL(W)=416.76'

WW-12829
RIM=425.68'
12"FL IN(S)=417.34'
12"FL OUT(N)=417.33'

WW-11950
RIM=425.48'

WW-16086
RIM=424.27'

LEGEND

- SANITARY MANHOLE
- STORM MANHOLE
- AREA DRAIN
- CATCH BASIN
- SPRINKLER
- WV WATER VALVE
- BOLLARD
- UTILITY VAULT
- CEDAR
- FIR
- DECIDUOUS

BASIS OF BEARING: CENTERLINE OF PATTERSON STREET BETWEEN 22ND AND 24TH AVENUES

NOTES:

ELEVATIONS ARE BASED ON CITY OF EUGENE BENCHMARK SE 0462 BRASS CAP SW CORNER 18TH AND PATTERSON ELEV. 421.31'

THE EXISTENCE OR LOCATION OF ANY UNDERGROUND UTILITIES, PIPES, AND/OR STRUCTURES SHOWN ON THIS SITE SURVEY WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THE CONTRACTOR SHALL ASCERTAIN THE TRUE LOCATION OF ANY UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES SHOWN OR NOT SHOWN HEREON.

THE ORIGINAL SURVEY WAS MADE IN APRIL, 2007 AND WAS COMPLETED PRIOR TO CHANGES THAT WERE MADE ALONG THE ASPHALT DRIVE ON THE NORTH SIDE OF THE SOCCER FIELD. THIS SURVEY WAS MADE IN DECEMBER, 2012 TO LOCATE THE SPRINKLER HEADS WITHIN THE SOCCER FIELD AREA AND ALSO LOCATE THE BLEACHERS AND ASPHALT AREA TO THE WEST OF THE SOCCER FIELD.

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4J - SOUTH EUGENE HIGH SCHOOL TENNIS COURT RELOCATION

4J South Eugene High School
400 East 19th Ave
Eugene, Oregon 97401

REGISTERED PROFESSIONAL LAND SURVEYOR
Daniel W. Baker
OREGON
JULY 16, 1982
DANIEL W. BAKER
1978
EXPIRES 12/31/15

Designed	
Drawn By	SEAN BOWEN
Checked	DAN BAKER
Projected	
Date	AUGUST 22, 2014

Rev. #	Desc

95% CONSTRUCTION DOCUMENTS

SHEET TITLE
DESIGN SURVEY

SHEET #
G1.0

EROSION AND SEDIMENT CONTROL PLANS

SOUTH EUGENE HIGH SCHOOL TENNIS COURT RELOCATION

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE EUGENE EROSION PREVENTION PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE EUGENE EROSION PREVENTION PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE EUGENE EROSION PREVENTION PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

CITY OF EUGENE CSMP GENERAL NOTES

1. PRIOR TO ANY GROUND DISTURBANCE ON THE SITE ONE INSPECTION WITH EROSION PREVENTION STAFF IS REQUIRED.
2. THE CONSTRUCTION SITE MANAGEMENT PLAN DOES NOT AUTHORIZE CONSTRUCTION ACTIVITIES. GRADING, BUILDING, PEPI, AND OTHER PERMITS MAY BE REQUIRED. ALL OTHER NECESSARY APPROVALS SHALL BE OBTAINED.
3. ISSUANCE OF AN EROSION PREVENTION PERMIT APPROVES PROTECTION MEASURES, NOT CONSTRUCTION OR GROUND DISTURBING ACTIVITIES. IT DOES NOT RELIEVE THE PERMIT HOLDER AND/OR THE CONTRACTOR FROM OTHER PERMITTING REQUIREMENTS.
4. CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF THE CITY AMENDED OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION AND CITY STANDARD DRAWINGS * (*REQUIRED FOR PUBLIC IMPROVEMENT PROJECTS ONLY).
5. EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER NATURAL RESOURCE PROTECTION FENCING AND BARRIERS, SHOWN ON THE CSMP ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION, MEASURES SHALL BE UPGRADED, AS NEEDED OR AS DIRECTED BY THE CITY INSPECTOR.
6. IMPLEMENTATION OF THE CSMP, INCLUDING CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF EROSION AND SEDIMENT CONTROL MEASURES AND PROTECTION FENCING, IS THE RESPONSIBILITY OF THE PERMIT HOLDER AND/OR THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND VEGETATION/LANDSCAPING IS ESTABLISHED AND APPROVED.
7. BOUNDARIES OF THE CLEARING AND GRADING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING CONSTRUCTION, NO DISTURBANCE BEYOND THE FLAGGED CLEARING AND GRADING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE PERMIT HOLDER AND/OR THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION. IN ADDITION, WETLAND AND RIPARIAN AREAS SHALL BE IDENTIFIED AND PROTECTED WITH APPROPRIATE FENCING AS NOTED ON CSMP PRIOR TO CONSTRUCTION AND SHALL NOT BE DISTURBED UNLESS THE PROPER PERMITS ARE OBTAINED.
8. EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS CSMP MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DOES NOT ENTER THE STORMWATER SYSTEM, ROADWAYS, ADJACENT PROPERTY OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. WHEN DESIGNING AND IMPLEMENTING MEASURES, THE PERMIT HOLDER AND/OR THE CONTRACTOR SHALL CONSIDER THE SEASONAL VARIATION OF RAINFALL, TEMPERATURE, AND OTHER CLIMATIC FACTORS RELATIVE TO THE TIMING OF LAND DISTURBANCE ACTIVITIES.
9. EROSION AND SEDIMENT CONTROL MEASURES ON ACTIVE SITES SHALL BE INSPECTED AND MAINTAINED DAILY AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD. ANY REQUIRED REPAIRS OR ADJUSTMENTS SHALL BE MADE IMMEDIATELY. THE EROSION AND SEDIMENT CONTROL MEASURES ON INACTIVE SITES SHALL BE INSPECTED A MINIMUM OF ONCE EVERY MONTH AND/OR WITHIN 48 HOURS FOLLOWING STORM EVENTS. ADDITIONALLY, SITES COVERED UNDER DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ) PERMITS (1200-C, 1200-CN) MUST COMPLY WITH THOSE PERMIT MONITORING AND RECORD-KEEPING REQUIREMENTS.
10. DURING THE WET WEATHER SEASON (OCTOBER 15 TO APRIL 30), ALL EXPOSED SOIL AND STOCKPILE AREAS SHALL BE COVERED, OR OTHERWISE PROTECTED BY A FACILITY (OR COMBINATION OF FACILITIES) THAT RESULT IN NO STORMWATER RUNOFF LEAVING THE SITE DURING A 5-YEAR STORM EVENT. FOR DEVELOPMENT SITES OVER 40 ACRES, THE DESIGN STORM SHALL BE A 10-YEAR STORM EVENT CONSISTENT WITH AN APPROVED CSMP.
11. ALL ADJACENT PROPERTIES, WATER FEATURES, AND RELATED NATURAL RESOURCES ARE TO BE KEPT FREE OF DEPOSITS OR DISCHARGES OF SOIL, SEDIMENT OR CONSTRUCTION-RELATED MATERIAL FROM THE CONSTRUCTION SITE.
12. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION HAS BEEN ESTABLISHED AND THE SITE IS PERMANENTLY STABILIZED. ANY MEASURES THAT ARE DAMAGED OR DESTROYED SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
13. STABILIZE ALL DISTURBED AREAS WITHIN 50 FEET OF WATERWAYS, WETLANDS OR OTHER SENSITIVE AREAS WITHIN 7 DAYS OF EXPOSURE.
14. STREETS ADJACENT TO CONSTRUCTION ENTRANCES AND ALONG HAUL ROUTES SHALL BE SWEPT AS NEEDED OR WHEN DIRECTED BY THE CITY INSPECTOR TO ENSURE PUBLIC RIGHTS-OF-WAY ARE KEPT CLEAN AND FREE OF DEBRIS.
15. WHEN TRUCKING SATURATED SOILS TO OR FROM THE SITE, EITHER WATER-TIGHT TRUCKS SHALL BE USED OR LOADS SHALL BE DRAINED PRIOR TO TRANSPORT UNTIL DRIPPING HAS BEEN REDUCED TO NO MORE THAN ONE GALLON PER HOUR. SEDIMENT LADEN WATER WILL NOT BE ALLOWED TO ENTER THE STORMWATER SYSTEM.
16. EXTRACTED GROUND WATER FROM EXCAVATED TRENCHES SHALL BE DISPOSED OF IN A SUITABLE MANNER WITHOUT DISCHARGING SEDIMENT TO ADJACENT PROPERTIES, THE CITY'S STORMWATER SYSTEM, WATER FEATURES, OR RELATED NATURAL RESOURCES. DEWATERING SYSTEMS SHALL BE DESIGNED AND OPERATED SO AS TO PREVENT REMOVAL OF THE NATURAL SOILS AND SO THAT THE GROUNDWATER LEVEL OUTSIDE THE EXCAVATION IS NOT REDUCED TO THE EXTENT THAT WOULD DAMAGE OR ENDANGER ADJACENT STRUCTURES OR PROPERTY. APPROVAL OF THE DEWATERING SYSTEM DOES NOT GUARANTEE THAT IT WILL MEET THE OUTCOMES OR BE ACCEPTABLE FOR USE IN ALL SITUATIONS. MODIFICATIONS TO THE SYSTEM WILL BE REQUIRED IF THE OUTCOMES CANNOT BE MET. AT NO TIME WILL SEDIMENT LADEN WATER BE ALLOWED TO LEAVE THE CONSTRUCTION SITE.
17. A SUPPLY OF MATERIALS NECESSARY TO MEET THE OUTCOMES AND IMPLEMENT THE CSMP OR OTHER EROSION PRACTICES UNDER ALL WEATHER CONDITIONS SHALL BE MAINTAINED AT ALL TIMES ON THE CONSTRUCTION SITE.
18. NO HAZARDOUS SUBSTANCES, SUCH AS PAINTS, THINNERS, FUELS AND OTHER CHEMICALS SHALL BE RELEASED ONTO THE SITE, ADJACENT PROPERTIES, OR INTO WATER FEATURES, THE CITY'S STORMWATER SYSTEM, OR RELATED NATURAL RESOURCES.
19. NO DISCHARGE INTO THE CITY'S STORMWATER SYSTEM OR RELATED NATURAL RESOURCES OF CONSTRUCTION RELATED CONTAMINANTS RESULTING FROM ACTIVITIES SUCH AS, BUT NOT LIMITED TO, CONCRETE SAWING, CLEANING OR WASHING OF EQUIPMENT, TOOLS, OR VEHICLES, SHALL OCCUR.
20. ALL WORK PERFORMED BY UTILITY COMPANIES FOR THIS PROJECT, INCLUDING PLACEMENT OF APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES, FINISHED GRADING, SEEDING, MULCHING AND CLEAN UP IS GOVERNED BY THE CONDITIONS AND REQUIREMENTS OF THIS CSMP. COMPLIANCE WITH THESE REQUIREMENTS IS THE RESPONSIBILITY OF THE PERMIT HOLDER.

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS

GRASSY FIELDS

DEVELOPED CONDITIONS

FENCED TENNIS COURTS, SIDEWALKS, AND SHOT PUT AND DISCUS RINGS.

NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

* DEMOLITION/CLEARING (SEPTEMBER 2014)
* MASS GRADING (SEPTEMBER 2014)
* UTILITIES (SEPTEMBER 2014)
* PAVING (OCTOBER 2014)
* FINAL STABILIZATION (OCTOBER 2014)

TOTAL SITE AREA = 42,300 SF = 0.97 ACRES

TOTAL DISTURBED AREA = 40,000 SF = 0.92 ACRES

SITE SOIL CLASSIFICATION:

THE PROJECT COVERS A LARGE AREA CONSISTING OF ONE SOIL TYPE THAT IS CLASSIFIED AS HYDROLOGIC SOIL GROUP D. THE EROSION POTENTIAL FOR THE SOIL TYPE IS LOW.

RECEIVING WATER BODIES:

AMAZON CREEK

ATTENTION EXCAVATORS

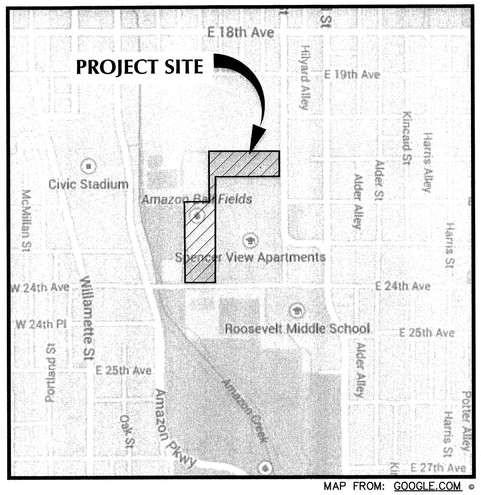
OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

PROJECT CONTACTS

DEVELOPER/OWNER:
EUGENE SCHOOL DISTRICT 4J
200 N. MONROE ST.
EUGENE, OR 97402
TEL: 541-790-7700

CIVIL ENGINEER:
KPFF CONSULTING ENGINEERS
1201 OAK STREET, SUITE 100
EUGENE, OREGON 97401
TEL: 541-684-4902
CONTACT: MATT KEENAN, PE

ARCHITECT:
CAMERON McCARTHY
160 E. BROADWAY
EUGENE, OR 97401
TEL: 541-485-7385
CONTACT:



MAP FROM: GOOGLE.COM ©

VICINITY MAP

SCALE: NTS

FLOOD NOTE

THE PROJECT SITE IS WITHIN FLOOD ZONE X, WHICH IS THE AREA DETERMINED TO BE OUTSIDE OF THE 500-YEAR FLOODPLAIN, AND FLOOD ZONE AE FLOODWAY, WHICH IS DETERMINED TO BE INSIDE THE 100-YEAR FLOODPLAIN, PER FEMA FLOOD ZONE MAP 41039C1137 F. NO DEVELOPMENT WILL OCCUR WITHIN THE FLOOD ZONE AE FLOODWAY.

PERMITEE'S SITE INSPECTOR

NAME: TBD
COMPANY/AGENCY: TBD
PHONE:
FAX:
E-MAIL:
DESCRIPTION OF EXPERIENCE: TO BE PROVIDED BY CONTRACTOR.

SHEET INDEX

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4J - SOUTH EUGENE HIGH SCHOOL
TENNIS COURT RELOCATION

4J South Eugene High School
400 East 19th Ave
Eugene, Oregon 97401

STAMP

REGISTERED PROFESSIONAL ENGINEER 56481 OREGON JULY 19, 2002 MATTHEW M. KEENAN 9/10/14

EXPIRATION DATE: 6/30/15

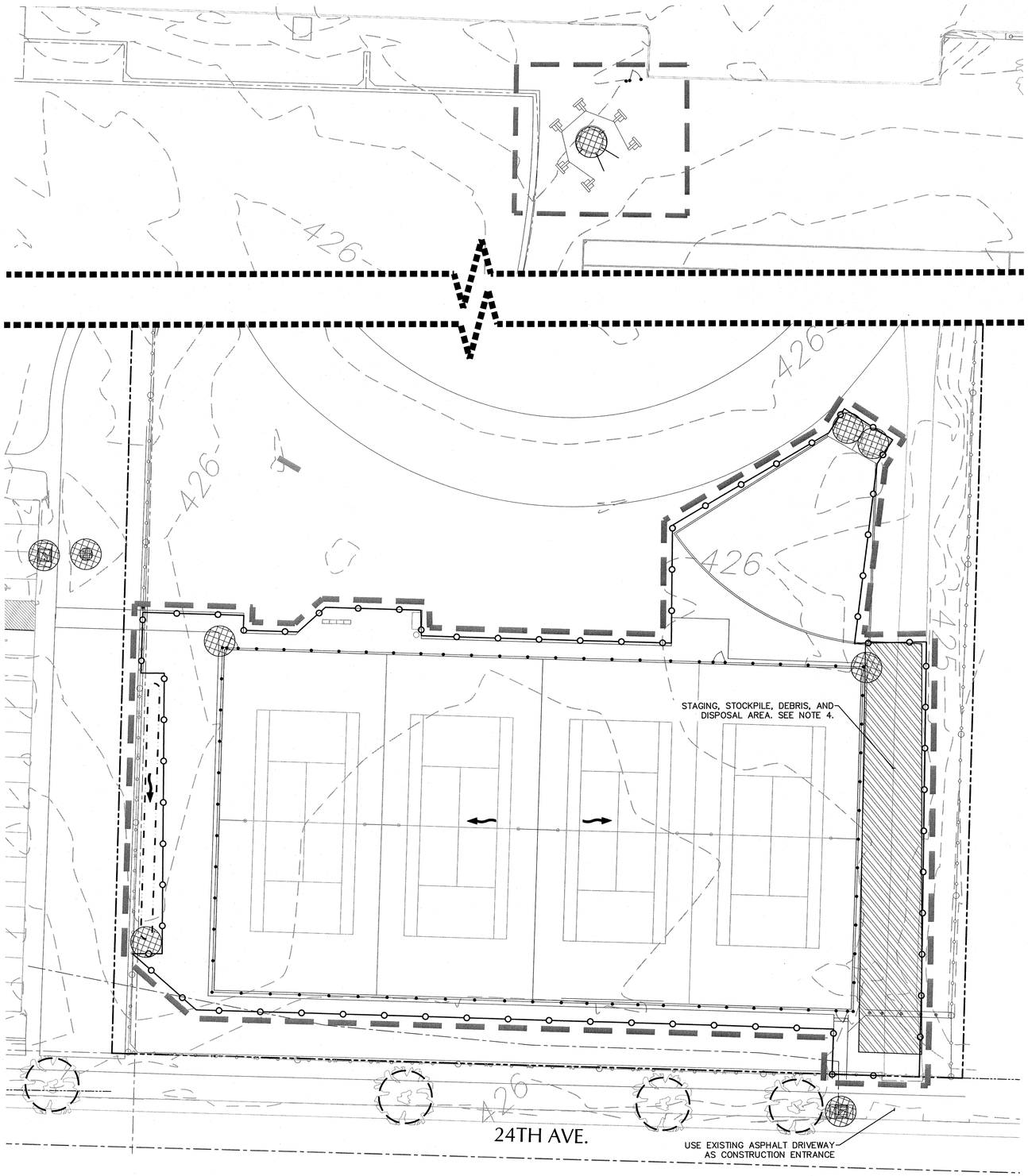
Designed:	AB
Drawn By:	AB/TK
Checked:	MK
Project #:	314823
Date:	09/03/2014

Rev. #:	Date:

100% CONSTRUCTION DOCUMENTS

SHEET TITLE
EROSION AND SEDIMENT CONTROL COVER SHEET & NOTES

SHEET #
EC1.0

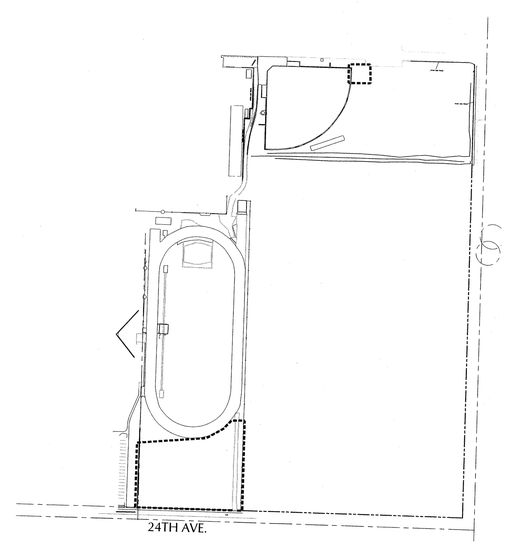


SHEET LEGEND

- 425 — EXISTING CONTOUR
- LIMITS OF DISTURBANCE
- MATERIAL AND EQUIPMENT STORAGE AND STAGING. SEE NOTE 4.
- TREE PROTECTION FENCE — 3/EC3.0
- INLET PROTECTION — 1/EC3.0
- SEDIMENT BARRIER WITH CONSTRUCTION FENCE OR SEDIMENT FENCE. — 2/EC3.0
- PROPOSED FLOW ARROW

SHEET NOTES

1. TREES AND TREE PROTECTION FENCING ARE NOT SHOWN TO ACTUAL SCALE. CONTRACTOR TO EXTEND TREE PROTECTION TO CRITICAL ROOT ZONE PER DETAIL 2 ON EC3.0.
2. INSTALL INLET PROTECTION ON ALL INLETS WITHIN 200' OF THE LIMITS OF DISTURBANCE. — 1/EC3.0
3. DURING THE WET WEATHER SEASON (OCTOBER 15 TO APRIL 30), ALL EXPOSED SOIL AND STOCKPILE AREAS SHALL BE COVERED. STABILIZE ALL EXPOSED SOILS WITH SEEDING, MULCH, MATS, OR PLASTIC SHEETING WITH ANCHORS. SEE NOTE 10 OF CITY OF EUGENE CSMP GENERAL NOTES ON EC1.0 AND THE WET WEATHER STANDARDS BMP FACT SHEET PROVIDED BY THE CITY OF EUGENE.
4. CONTAMINANTS, CHEMICALS AND HAZARDOUS MATERIALS SHALL BE HYDRAULICALLY ISOLATED FROM STORM RUNOFF THROUGH PLASTIC SHEETING AND BERMS. CONTRACTOR SHALL PREPARE HAZARDOUS MATERIAL SPILL CONTAINMENT PLAN FOR APPROVAL BY CITY OF EUGENE INSPECTOR. ALL HAZARDOUS MATERIAL, CONSTRUCTION DEBRIS AND GARBAGE SHALL BE DISPOSED OF APPROPRIATELY AT A LANDFILL. DISPOSAL MUST MEET ALL CITY OF EUGENE REQUIREMENTS.



SITE PLAN

SCALE: 1" = 200'

SCALE 1 INCH = 20 FEET
20 0 20 40

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4J - SOUTH EUGENE HIGH SCHOOL TENNIS COURT RELOCATION

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STAMP
REGISTERED PROFESSIONAL ENGINEER
56481
OREGON
JULY 19, 2002
MATTHEW M. KEENAN
9/26/14
EXPIRATION DATE: 6/30/15

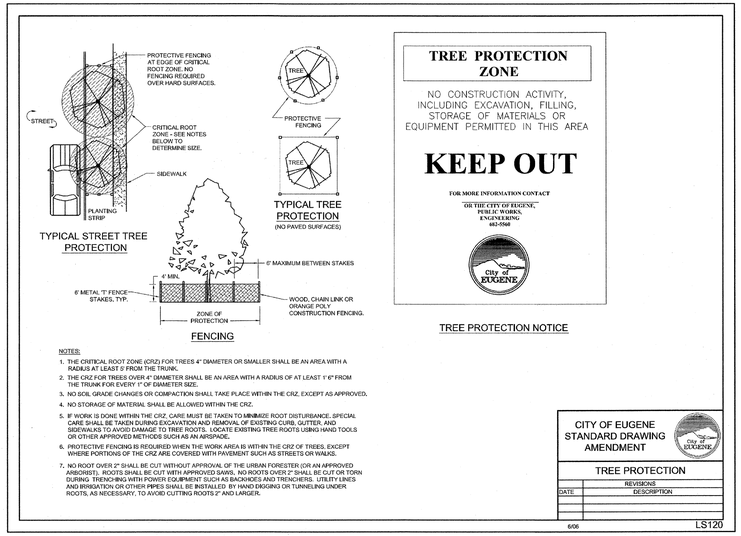
Designed:	AB
Drawn By:	AB/TK
Checked:	MK
Project #:	314823
Date:	09/03/2014

Rev. #:	Date:

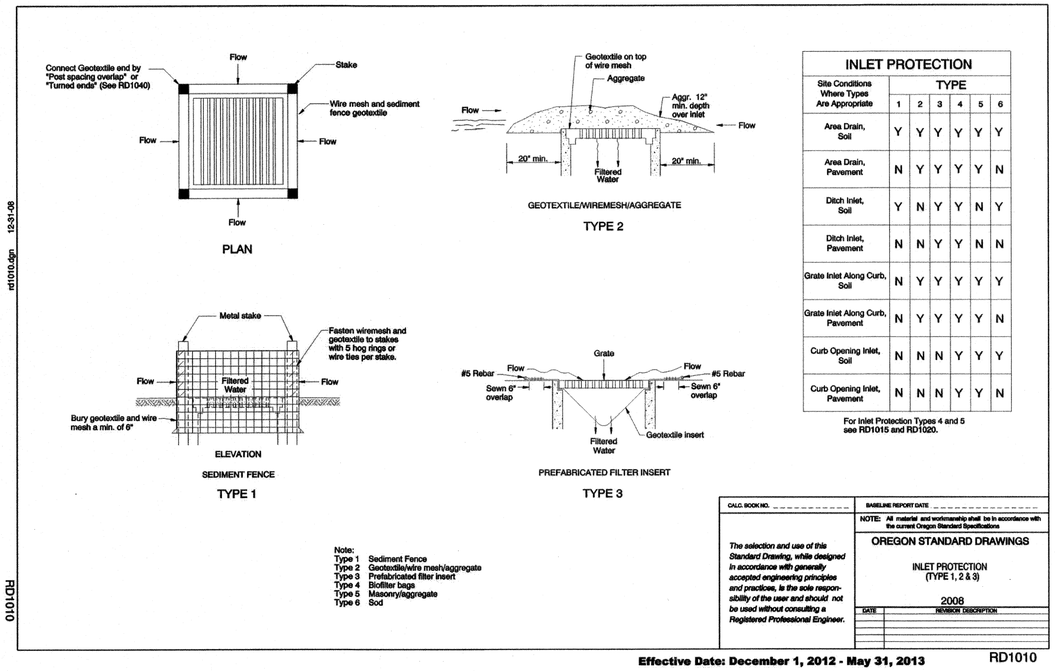
100% CONSTRUCTION DOCUMENTS

SHEET TITLE
EROSION AND SEDIMENT CONTROL PLAN

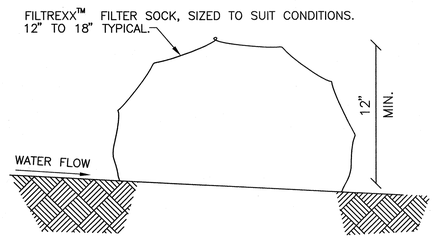
SHEET #
EC2.0



3 TREE PROTECTION FENCE
SCALE: NTS



1 INLET SEDIMENT PROTECTION
SCALE: NTS



2 COMPOST FILTER SOCK
SCALE: NTS

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STAMP
REGISTERED PROFESSIONAL ENGINEER 56481 OREGON JULY 19, 2002 MATTHEW M. KEENAN
9/24/14
EXPIRATION DATE: 6/30/15

Designed:	AB
Drawn By:	AB/TK
Checked:	MK
Project #:	314823
Date:	09/03/2014

Rev. #:	Date:

100% CONSTRUCTION DOCUMENTS

SHEET TITLE
EROSION AND SEDIMENT CONTROL PLAN DETAILS

SHEET #
EC3.0

SEPTEMBER 3, 2014 - 100% CD SET

GENERAL NOTES

1. SURVEY PROVIDED BY BAKER AND ASSOCIATES, SURVEYORS, DATED JULY 18, 2014. ELEVATIONS ARE BASED ON CITY OF EUGENE VERTICAL DATUM ESTABLISHED PER BENCH MARK NO. SE 0462 LOCATED ON THE SOUTHWEST CORNER OF 18TH AND PATTERSON WITH AN ELEVATION OF 421.31.
2. 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.
3. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE HORIZONTAL POSITION PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
4. PROJECT CONTROL SHALL BE FIELD VERIFIED AND CHECKED FOR RELATIVE VERTICAL POSITION BASED ON THE BENCHMARK STATED HEREON, PRIOR TO BEGINNING CONSTRUCTION LAYOUT.
5. WHEN DIMENSIONS AND COORDINATE LOCATIONS ARE REPRESENTED – DIMENSIONS SHALL HOLD OVER COORDINATE LOCATION. NOTIFY THE CIVIL ENGINEER OF RECORD IMMEDIATELY UPON DISCOVERY.
6. BUILDING SETBACK DIMENSIONS FROM PROPERTY LINES SHALL HOLD OVER ALL OTHER CALLOUTS. PROPERTY LINES AND ASSOCIATED BUILDING SETBACKS SHALL BE VERIFIED PRIOR TO CONSTRUCTION LAYOUT.
7. 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.
8. SOME SITE DEMOLITION AND UTILITY RELOCATION HAS BEEN PERFORMED. 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.
9. CONTRACTOR TO REFERENCE SOILS REPORT BY FOUNDATION ENGINEERING, INC. DATED JULY 16, 2014 FOR THE SITE SOILS CONDITIONS.
10. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS, THE PROJECT SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF THE 2008 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE 2008 OREGON PLUMBING SPECIALTY CODE AND REQUIREMENTS OF THE CITY OF EUGENE.
11. 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.
12. 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.
13. 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.
14. 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.
15. TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. THE CONTRACTOR SHALL ADHERE TO CITY OF EUGENE 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.
16. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ROADWAYS, KEEPING THEM CLEAN AND FREE OF CONSTRUCTION MATERIALS AND DEBRIS, AND PROVIDING DUST CONTROL AS REQUIRED.
17. TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO CITY OF EUGENE FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION.
18. CONTRACTOR SHALL MAINTAIN ALL UTILITIES TO BUILDING AT ALL TIMES DURING CONSTRUCTION.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL WORK WITH THE OWNER.
20. NOTIFY CITY INSPECTOR 72 HOURS BEFORE STARTING WORK. A PRECONSTRUCTION MEETING WITH THE OWNER, THE OWNER'S ENGINEER, CONTRACTOR AND THE CITY REPRESENTATIVE SHALL BE REQUIRED.

CONSTRUCTION NOTES

GENERAL

1. 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.
2. SPECIAL INSPECTION REQUIRED FOR ALL COMPACTION TESTING.

DEMOLITION

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND DISPOSAL OF EXISTING AC, CURBS, SIDEWALKS 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. ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND DELIVERED STORED AT THE PROJECT SITE AS DIRECTED BY THE OWNER.
4. ALL LANDSCAPING, PAVEMENT, CURBS AND SIDEWALKS, BEYOND THE IDENTIFIED SITE AREA, DAMAGED DURING THE CONSTRUCTION SHALL BE REPLACED TO THEIR ORIGINAL CONDITION OR BETTER.
5. CONCRETE SIDEWALKS SHOWN FOR DEMOLITION SHALL BE REMOVED TO THE NEAREST EXISTING CONSTRUCTION JOINT.
6. 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. CONTRACTOR SHALL ADJUST ALL EXISTING AND/OR NEW FLEXIBLE UTILITIES (WATER, TV, TELEPHONE, ELEC., ETC.) TO CLEAR ANY EXISTING OR NEW GRAVITY DRAIN UTILITIES (STORM DRAIN, SANITARY SEWER, ETC.) IF CONFLICT OCCURS. DO NOT ADJUST NATURAL GAS WITHOUT CONTACTING NORTHWEST NATURAL GAS.
3. CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY COMPANIES FOR THE INSTALLATION OF OR ADJUSTMENT TO GAS, ELECTRICAL, POWER AND TELEPHONE SERVICE.
4. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS CONTRACTOR SHALL SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH AND SUBMIT TO ENGINEER AND OWNER.

STORM AND SANITARY

1. CONNECTIONS TO EXISTING STORM AND SANITARY SEWERS SHALL CONFORM TO THE 2008 OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION, SECTION 00490, "WORK ON EXISTING SEWERS AND STRUCTURES".
2. BEGIN LAYING STORM DRAIN AND SANITARY 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 AND SANITARY SEWER PIPE USING A LASER.
3. ACTUAL LINES AND GRADES SHALL BE STAKED BY A QUALIFIED SURVEYOR, BASED ON COORDINATES, DIMENSIONS AND BEARINGS INDICATED ON THE PLANS. CONTRACTOR SHALL RETAIN A SURVEYOR LICENSED IN THE STATE OF OREGON.
4. ALL ROOF DRAIN AND CATCH BASIN LEADERS SHALL HAVE A MINIMUM SLOPE OF 2 PERCENT UNLESS NOTED OTHERWISE IN THE PLANS.

EARTHWORKS

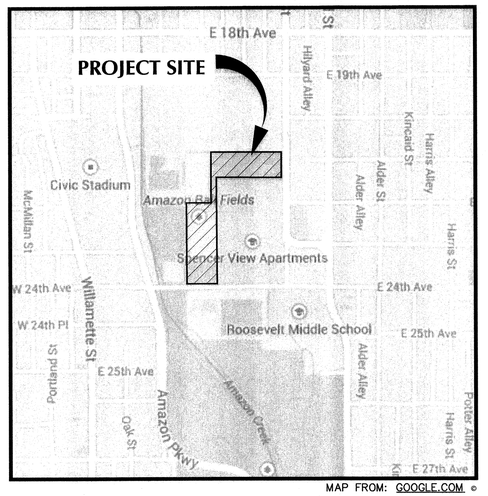
1. CONTRACTOR SHALL PREVENT SEDIMENTS AND SEDIMENT LADEN WATER FROM ENTERING THE STORM DRAINAGE SYSTEM.
2. TRENCH BEDDING AND BACKFILL SHALL BE AS SHOWN ON THE PIPE BEDDING AND BACKFILL DETAIL, THE PROJECT SPECIFICATIONS AND AS REQUIRED IN THE SOILS REPORT. FLOODING OR JETTING THE BACKFILLED TRENCHES WITH WATER WILL NOT BE PERMITTED.

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 ARCHITECT PRIOR TO INSTALLATION.

ABBREVIATIONS

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



MAP FROM: GOOGLE.COM ©

VICINITY MAP

SCALE: NTS

NOTICE TO EXCAVATORS:
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(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

CIVIL SHEET INDEX

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Eugene, Oregon 97401
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Fax: (541) 684–4909

4J - SOUTH EUGENE HIGH SCHOOL TENNIS COURT RELOCATION

4J South Eugene High School
400 East 19th Ave
Eugene, Oregon 97401

STAMP
REGISTERED PROFESSIONAL ENGINEER
56481
OREGON
JUL. 19, 2005
MATTHEW M. KEENAN
8/29/14

EXPIRATION DATE: 6/30/15

Designed:	AB
Drawn By:	AB/TK
Checked:	MK
Project #:	314823
Date:	09/03/2014

Rev. #:	Date:

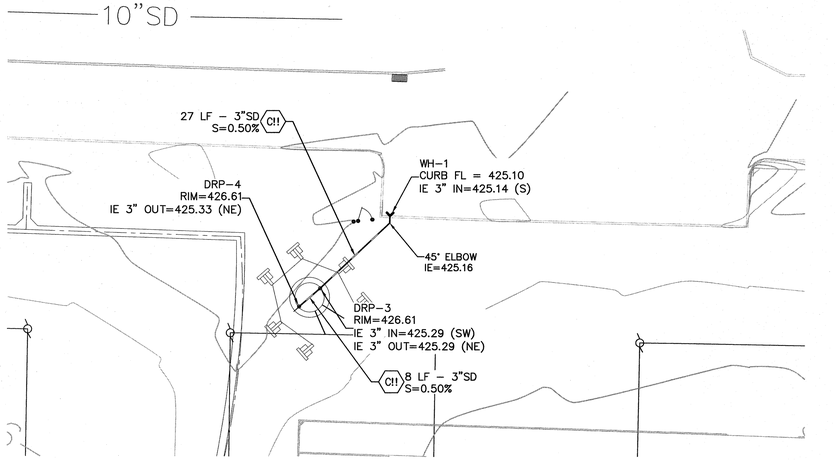
100% CONSTRUCTION DOCUMENTS

SHEET TITLE

COVER SHEET

SHEET #

C1.0



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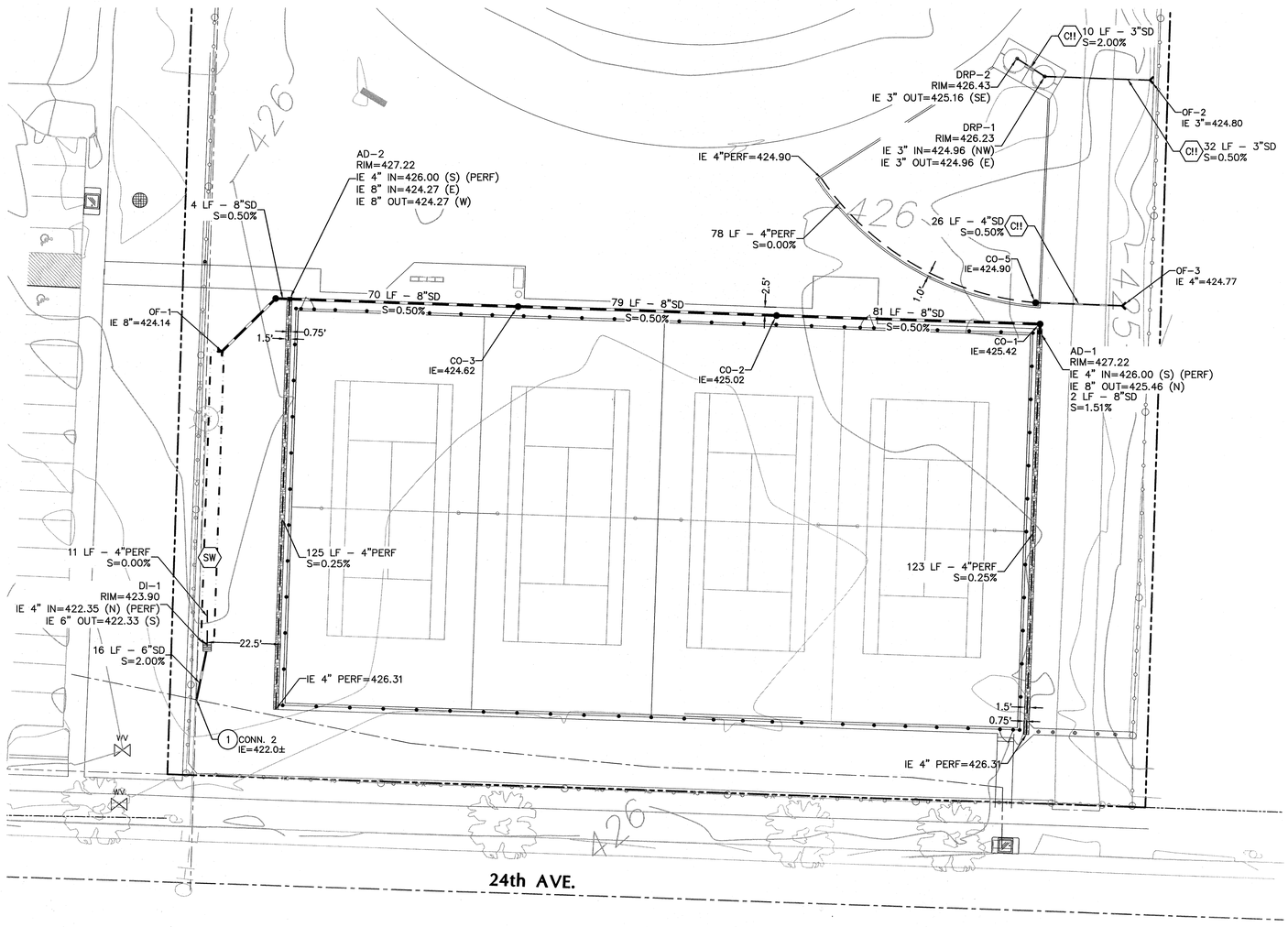

TENNIS COURTS

SHEET NOTES

1. PIPE BEDDING AND BACKFILL FOR ALL UTILITIES SHALL BE DONE PER DETAIL 1/C3.0.
2. STRUCTURES AND PIPES LOCATED TO CENTER OF STRUCTURE OR PIPE. ALL UTILITY STRUCTURES LOCATED FROM FACE OF CONCRETE.

(X) KEY NOTES

1. CONNECT TO EXISTING 12" CITY OF EUGENE STORM MAIN. PROPOSED PIPE IE AS NOTED. SOME CITY AS–BUILT PLANS SHOW EXISTING STORM LINE FURTHER SOUTH, WITHIN RIGHT–OF–WAY. POTHOLE PRIOR TO CONSTRUCTION AND REPORT EXACT LOCATION AND ELEVATION TO ENGINEER.

UTILITY LABEL LEGEND

STRUCTURE LABEL

- UTILITY TYPE (SD=STORM DRAINAGE)
- STRUCTURE TYPE CALLOUT
- ID NUMBER (WHERE APPLICABLE)

XX XX–XX
X+XX.X RT X.X' ← LOCATION (WHERE APPLICABLE)
RIM=
IE IN = XX.X
IE OUT = XX.X ← STRUCTURE INFO (WHERE APPLICABLE)

PIPE LABEL

- UTILITY LENGTH
- UTILITY SIZE
- UTILITY TYPE

XXLF – XX" XX
S=X.XX% ← SLOPE (WHERE APPLICABLE)

STRUCTURE TYPE

CALLOUT	DESCRIPTION	DETAIL REF.
AD	AREA DRAIN	2/C3.0
CO	CLEANOUT TO GRADE	4/C3.0
DI	DITCH INLET	5/C3.0
DRP	DRAIN PIPE INLET	6/C3.0
SDMH	48" DIA. STORM DRAIN MH	
OF	OUTFALL	8/C3.0
WH	CURB WEEP HOLE	9/C3.0

SHEET LEGEND

- SW — GRASSY SWALE. SLOPE AT 0.50%. — 10/C3.0
- C1! — PIPE HAS LESS THAN 1' OF COVER. USE DUCTILE IRON PIPE.
- FRENCH DRAIN WITH PERFORATED PIPE — 3/C3.0
- EXTENTS OF SWALE BOTTOM. SEE LANDSCAPE PLANS.

SCALE 1 INCH = 20 FEET
20 0 20 40

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400 East 19th Ave
Eugene, Oregon 97401

STAMP
REGISTERED PROFESSIONAL ENGINEER 56481 OREGON JUL. 19, 2005 MATTHEW M. KEENAN
9/29/14
EXPIRATION DATE: 6/30/15

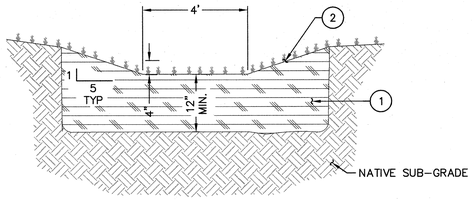
Designed:	AB
Drawn By:	AB/TK
Checked:	MK
Project #:	314823
Date:	09/03/2014

Rev. #:	Date:

100% CONSTRUCTION DOCUMENTS

SHEET TITLE
UTILITY PLAN

SHEET #
C2.0

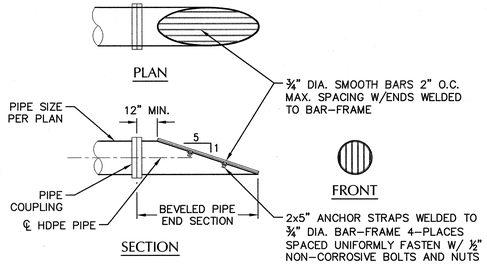


SWALE SECTION

(X) KEY NOTES

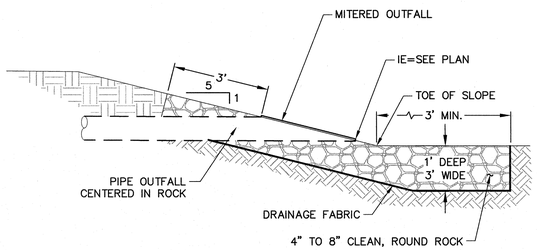
1. 12" GROWING MEDIUM, SEE SPECS. SUBMIT 2 GALLON SAMPLE TO ENGINEER PRIOR TO INSTALLATION.
2. GRASSY PLANTINGS. SEE LANDSCAPE PLANS.

10 TYP. GRASSY SWALE
SCALE: NTS

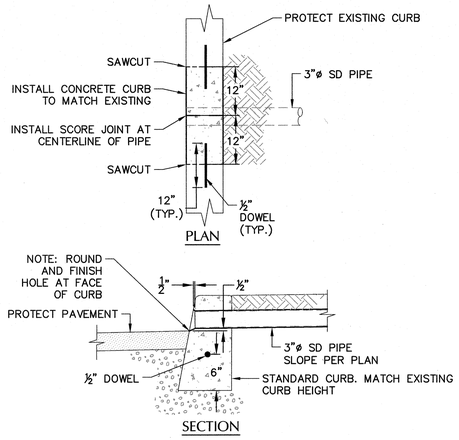


NOTES:
1. ALL TRASH RACK PARTS AND CONNECTORS MUST BE ALUMINUM, OR ASPHALT COATED GALVANIZED STEEL (TREATMENT 1 OR BETTER).
2. WELD AT ALL JOINTS.
3. SHOP DRAWINGS REQUIRED.

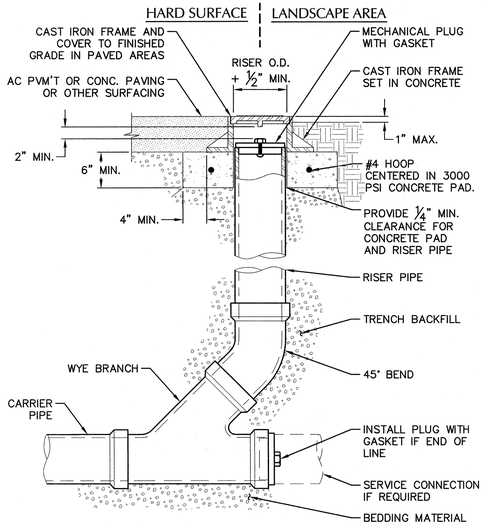
7 MITERED OUTFALL W/ TRASH RACK (5:1)
SCALE: NTS



8 TYPICAL OUTFALL WITH ROCK PROTECTION
SCALE: NTS

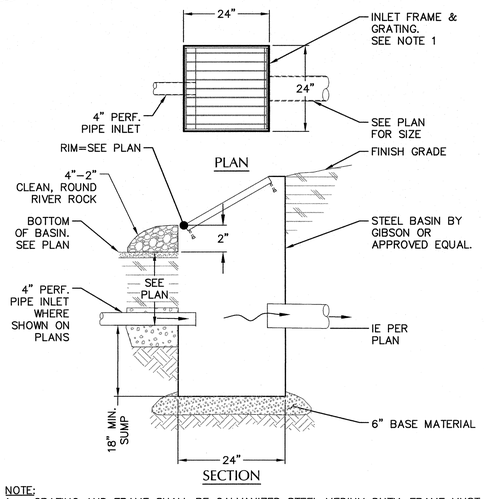


9 WEEP HOLE AT CURB FACE
SCALE: NTS



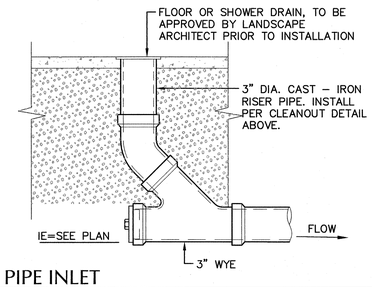
NOTES:
1. CAST IRON FRAME AND COVER SHALL MEET H-20 LOAD REQUIREMENT.
2. FOR CARRIER PIPE SIZE 6"Ø AND LESS, PROVIDE RISER PIPE SIZE TO MATCH CARRIER PIPE.
3. FOR CARRIER PIPE SIZE 8"Ø AND LARGER, RISER PIPE SHALL BE 6"Ø.
4. RISER PIPE MATERIAL TO MATCH CARRIER PIPE MATERIAL.

4 STANDARD CLEANOUT (COTG)
SCALE: NTS

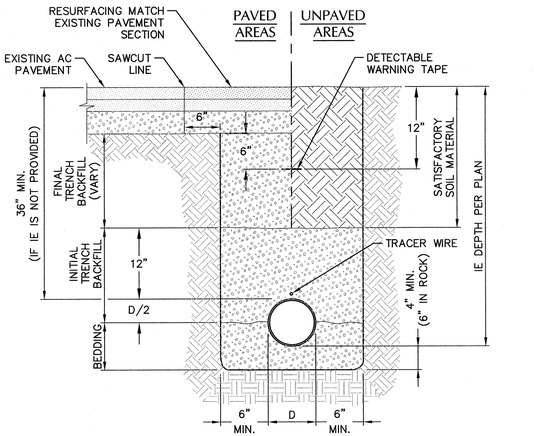


NOTE:
1. GRATING AND FRAME SHALL BE GALVANIZED STEEL MEDIUM DUTY. FRAME MUST MATCH AND BE INSTALLED FLUSH WITH SIDE SLOPE.

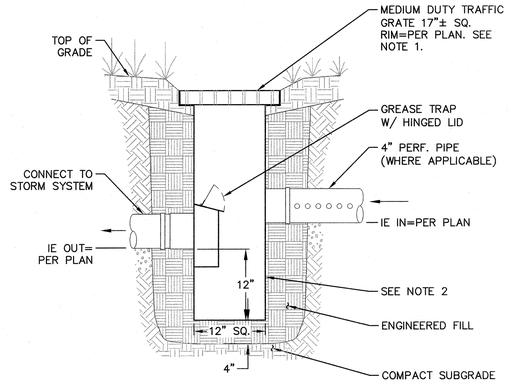
5 DITCH INLET
SCALE: NTS



6 DRAIN PIPE INLET
SCALE: NTS

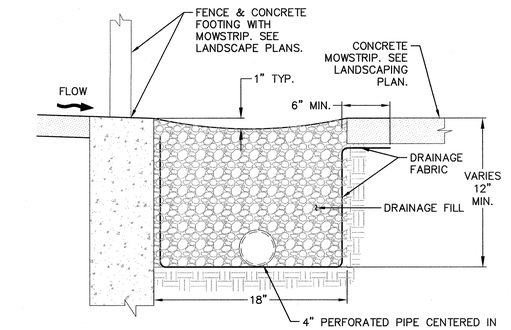


1 TYPICAL PIPE BEDDING AND BACKFILL
SCALE: NTS



NOTES:
1. RIM TO BE SET 2" BELOW ADJACENT GRADE IN FRENCH DRAINS. PROVIDE 1' TAPER FROM PROPOSED GRADE TO RIM ELEVATION.
2. AS MANUFACTURED BY GIBSON STEEL BASINS OR APPROVED EQUAL.

2 TRAPPED AREA DRAIN - FLOW-THROUGH TYPE
SCALE: NTS



3 FRENCH DRAIN
SCALE: NTS

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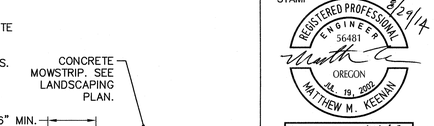

EXPIRATION DATE: 6/30/15

Designed:	AB
Drawn By:	AB/TK
Checked:	MK
Project #:	314823
Date:	09/03/2014

Rev. #:	Date:

100% CONSTRUCTION DOCUMENTS

SHEET TITLE

CIVIL DETAILS

SHEET #

C3.0

File: O:\cp\2014\314823-South-Eugene-HS-Tennis-Courts\CAD\PLOT\4823-03DT.dwg TAB:C3.0
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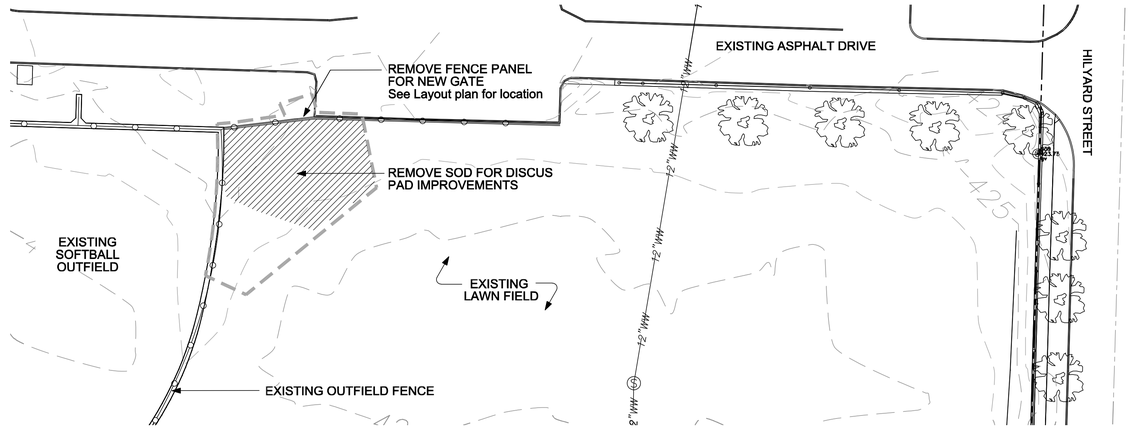
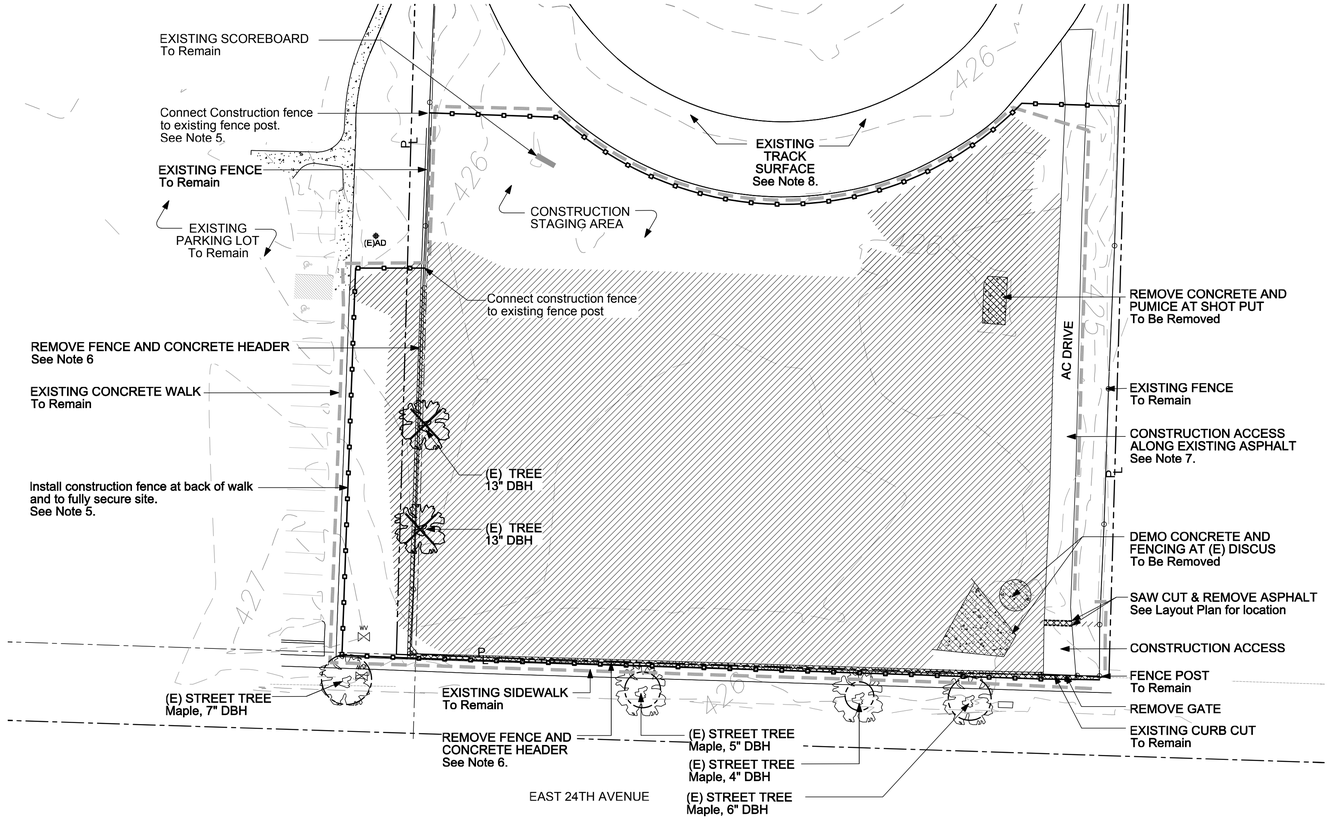


DISCUS CAGE IMPROVEMENTS

NTS 1



TENNIS COURT IMPROVEMENTS

NTS 2

Demolition and Tree Protection Plan

GENERAL NOTES

1. All survey information provided by:
   Baker and Associates, Surveyors
   1347 Market Street
   Springfield, Oregon 97477
   P: (541) 343-7243
   Dated: July 18, 2014
   Contact: Daniel Baker
2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.
3. Protect existing site elements from damage during construction.
4. Coordinate construction access with Owner. Repair lawns, fencing or other site features to pre-construction conditions.
5. **Construction Fence** - Install fence during initial mobilization at the site and maintain until substantial completion. Fence is 6-foot chain link and secured with rigid metal, plastic, or wood posts 6' min. length and adequate strength to support fencing and resist wind and moderate live loads.
6. Coordinate with Owner's representative location and extent of fence removal. At each location remove existing fence material and footings. There is an existing concrete header, approximately 2 feet wide, along the public sidewalk which is to be removed. During removal of fence and footings do not damage public sidewalk.
7. Construction Access at existing asphalt drive at E. 24th Ave. Any construction related damage to asphalt shall be repaired at Contractor's expense in a manner approved by Owner's Representative.
8. Track and field north of the project site may be used by the Owner and Public throughout construction. No work, storage or impacts to track and field are to occur.

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- CONSTRUCTION FENCE
  See Note 5.
- (E) TREES TO REMAIN
  Protect. See Specifications.
  CRITICAL ROOT ZONE
  Radius of 1'-6" for every 1" diameter size.
- (E) TREE TO REMOVE
- DEMO EXISTING HARDSCAPES
  Remove existing paving to allow for new improvements. Saw cut edges in paving. See Civil for additional work.
- DEMO EXISTING LAWN/LANDSCAPE
  Strip and remove sod to a 3" depth.
- EXISTING CHAINLINK FENCE
  To Remain
- EXISTING CHAINLINK FENCE
  To Be Removed.
  See Note 6.

0' 15' 30' 60' NORTH

SCALE 1" = 30'-0"

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TENNIS COURT RELOCATION

4J South Eugene High School
400 East 19th Ave
Eugene, Oregon 97401

STAMP
REGISTERED 285 LANDSCAPE ARCHITECT
LARRY K GILBERT
OREGON

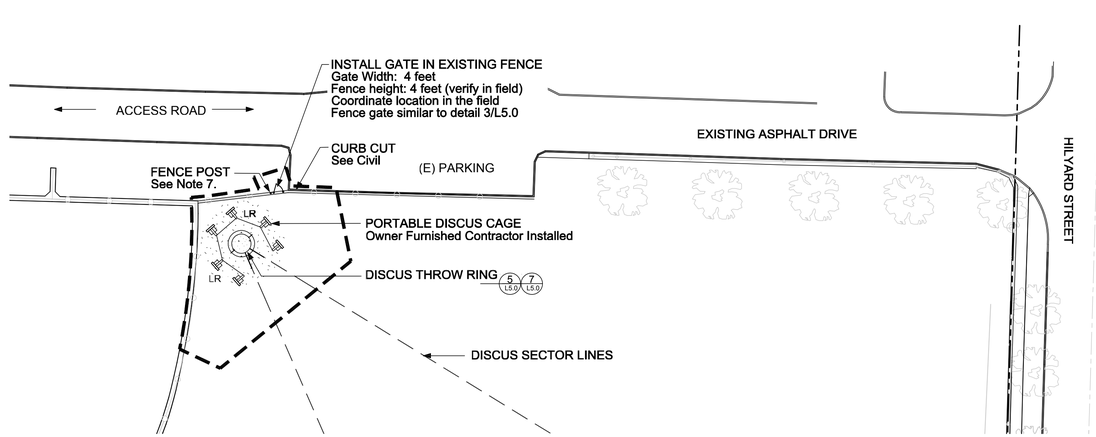
Designed:	LG
Drawn By:	KK
Checked:	LG
Project #:	
Date:	09/03/2014

Rev. #:	Date:

100% CONSTRUCTION DOCUMENTS

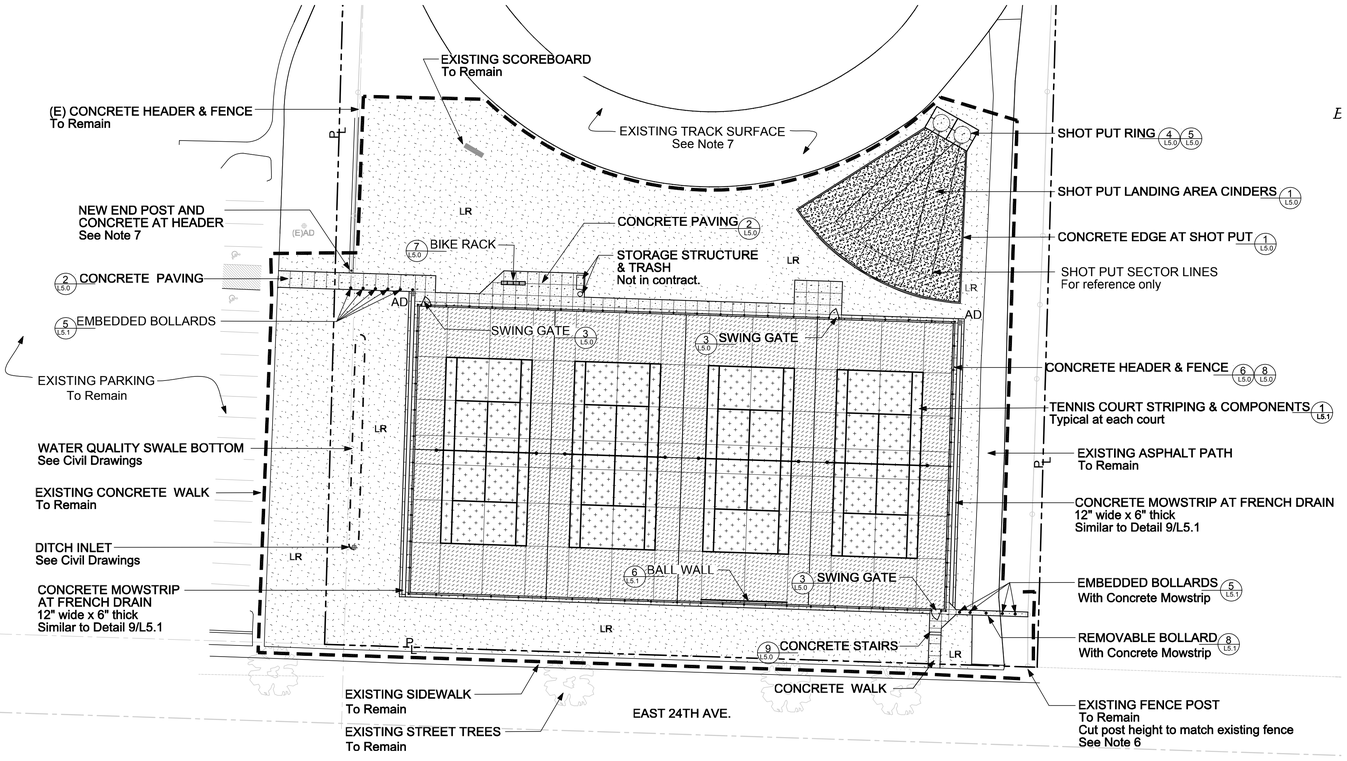
SHEET TITLE
DEMOLITION & TREE PROTECTION PLAN

SHEET #
L1.0



DISCUS CAGE IMPROVEMENTS

NTS 1



TENNIS COURT IMPROVEMENTS

NTS 2

NOTES

1. All survey information provided by:
   Baker and Associates, Surveyors
   1347 Market Street
   Springfield, Oregon 97477
   P: (541) 343-7243
   Dated: July 18, 2014
   Contact: Daniel Baker
2. Protect existing building, yards, and fences from drainage and debris. Repair damage occurring during work.
3. Provide private locates to verify exact locations and routing of existing underground utilities prior to starting excavation. Repair damage to known existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.
4. Accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled. Obtain Owner Representative's approval prior to installing related work.
5. Barricade and protect trunks, limbs, roots and root zones beyond dripline of existing trees and plant materials to remain as directed by Owner's Representative. Cut no limbs or roots larger than 2" in diameter without approval of Owner's Representative.
6. Install new end post at terminus of fences to remain. Install new concrete at header as necessary for installation of fence post footing. Modify and re-install chainlink fabric at existing fence.
7. Track and field north of the project site may be used by the Owner and Public throughout construction. No work, storage or impacts to track and field are to occur.

LEGEND

- PROPERTY LINE (P L)
- PROJECT LIMIT LINE (APPROXIMATE)
- NEW FENCE WITH MOW STRIP
- EXISTING FENCE To Remain
- AD — AREA DRAIN See Civil Drawings
- (E) — EXISTING
- (E) TREES TO REMAIN Protect. See Specifications.
- LR — LAWN REPAIR See Specifications
- CONCRETE PAVING 2 L5.0
- SHOT PUT LANDING AREA CINDERS 9 L5.0 See Specifications
- WATER QUALITY SWALE BOTTOM See Civil
- COLOR A / COLOR B — TENNIS COURT SURFACE 2 L5.0 Over Concrete See Layout Plan for jointing See Specifications for Schedule of Colors

Site Plan

SCALE 1" = 30'-0"

0' 15' 30' 60' NORTH

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TENNIS COURT RELOCATION

4J South Eugene High School
400 East 19th Ave
Eugene, Oregon 97401

STAMP
REGISTERED 285 LARRY K. GILBERT OREGON LANDSCAPE ARCHITECT

Designed:	LG
Drawn By:	KK
Checked:	LG
Project #:	
Date:	09/03/2014

Rev. #:	Date:

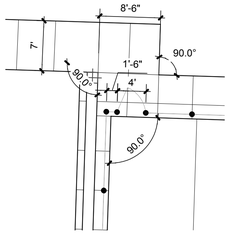
100% CONSTRUCTION DOCUMENTS

SHEET TITLE

SITE PLAN

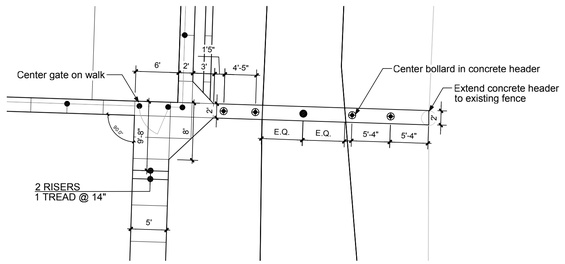
SHEET #

L2.0



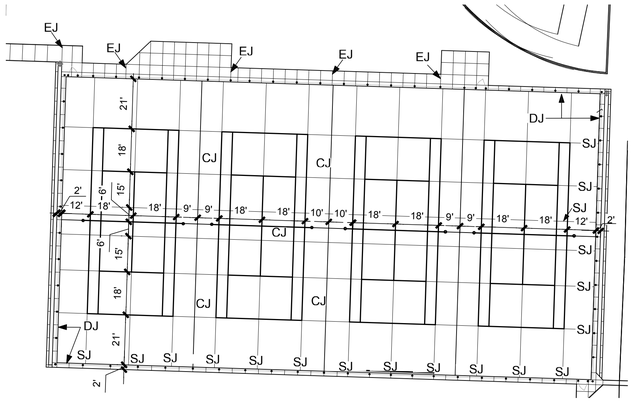
LAYOUT ENLARGEMENT 3

0' 5' 10' 20'



LAYOUT ENLARGEMENT 4

0' 5' 10' 20'



CJ = COLD CONTACT JOINT:
- #4'S @ 1' o.c.
- Minimum embed 12".
- Exposied if drilled.

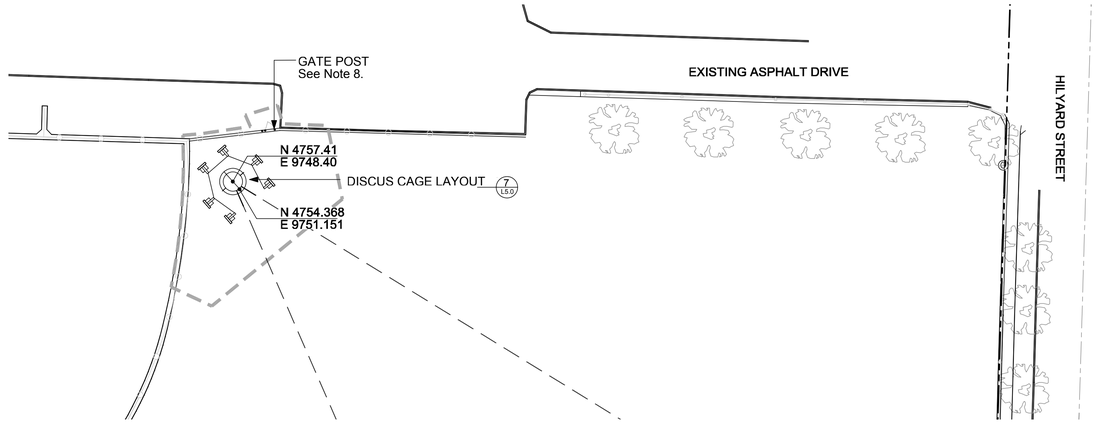
SJ = SAWN JOINT:
- 1/8" max width contraction joint at court perimeter.
- Depth = 1/3 min. depth of slab

DJ = SAWN DUMMY JOINT:
- 1/8" max width.
- Depth = 1/3 min. depth of slab

EJ = EXPANSION JOINT: See Specifications

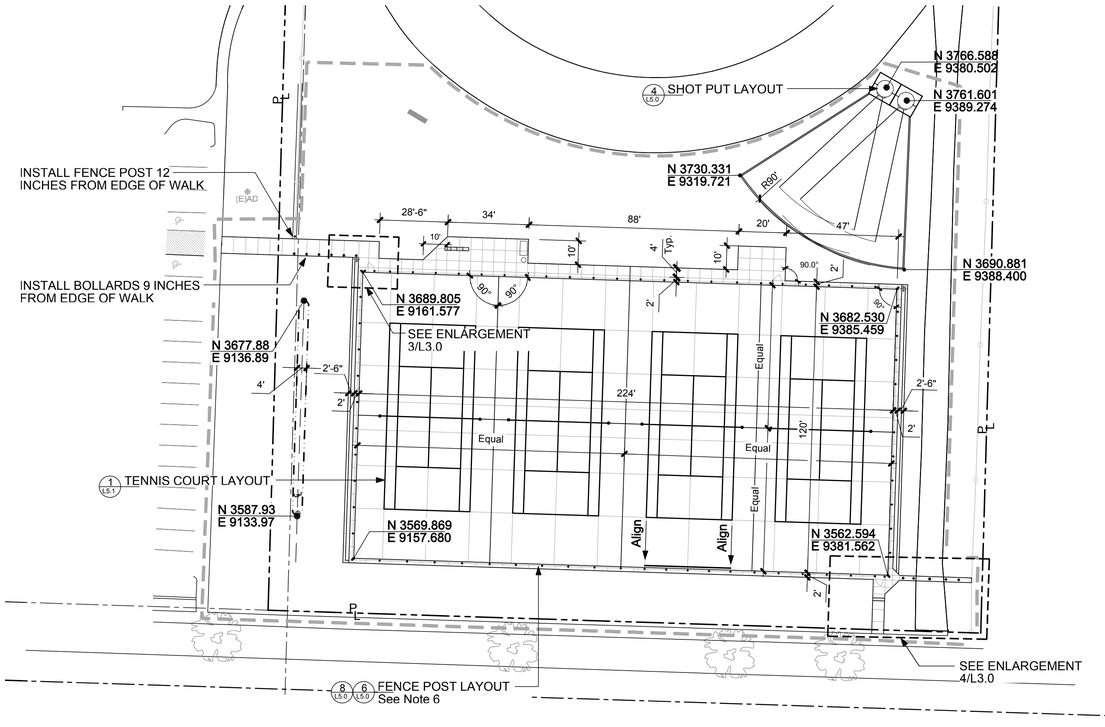
TENNIS COURT JOINTING PLAN 5

0' 15' 30' 60'



DISCUS CAGE IMPROVEMENTS 1

NTS



TENNIS COURT IMPROVEMENTS 2

NTS

Layout Plan

SCALE 1" = 30'-0"

0' 15' 30' 60' NORTH

GENERAL LAYOUT NOTES

1. All survey information provided by:
   Baker and Associates, Surveyors
   1347 Market Street
   Springfield, Oregon 97477
   P: (541) 343-7243
   Dated: July 18, 2014
   Contact: Daniel Baker
2. Cease layout work and notify Owner's Representative of any discrepancies in Project Benchmarks, Control Points, coordinates, dimensions, degrees, locations, stakes, etc. Obtain approval prior to executing any layout work different from that shown or specified.
3. All concrete paving joints not specifically dimensioned shall be equally spaced between shown or noted limits.
4. All coordinates and dimensions are at face of element (curb, walk, building, or wall) unless noted otherwise.
5. Refer to National Federation of State High School Associations (NFHS) Court and Field Diagram Guide for field event layout.
6. See detail 7/L5.0 for alignment of fence post in concrete. Locate fencepost corners and gate posts per layout dimensions; all other posts should be spaced equally between these points. Post spacing to be between 10-12 ft.
7. Sawn joints to align with tennis court markings where shown.
8. Coordinate location of gate in existing fence with Owner's Representative.
9. Coordinates for tennis courts are shown from dummy joints at the outside edge of court; 2 ft. concrete edge is in addition. See detail 7/L5.0.
10. Refer to Survey for control points. All coordinate points shown are in relation to Survey control points.

LEGEND

P_L	PROPERTY LINE
	LIMIT OF WORK
41'	DIMENSION
41'	DIMENSION FROM EXISTING ELEMENT
ALIGN	ALIGN WITH EXISTING ADJACENT ELEMENTS
EQ. EQ.	DIMENSION FROM CENTERLINE EQ. = Equal Spacing within string of dimension.
N 7018.52 E 4935.81	NORTHING/EASTING COORDINATE
P.O.B.	POINT OF BEGINNING

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Eugene, Oregon 97401

STAMP

REGISTERED 285 LANDSCAPE ARCHITECT OREGON LARRY K. GILBERT

Designed:	LG
Drawn By:	KK
Checked:	LG
Project #:	
Date:	09/03/2014

Rev. #:	Date:

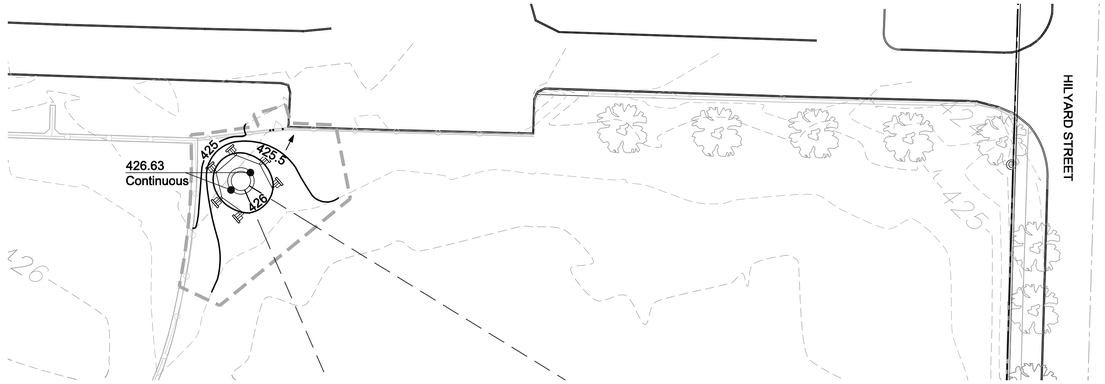
100% CONSTRUCTION DOCUMENTS

SHEET TITLE

LAYOUT PLAN

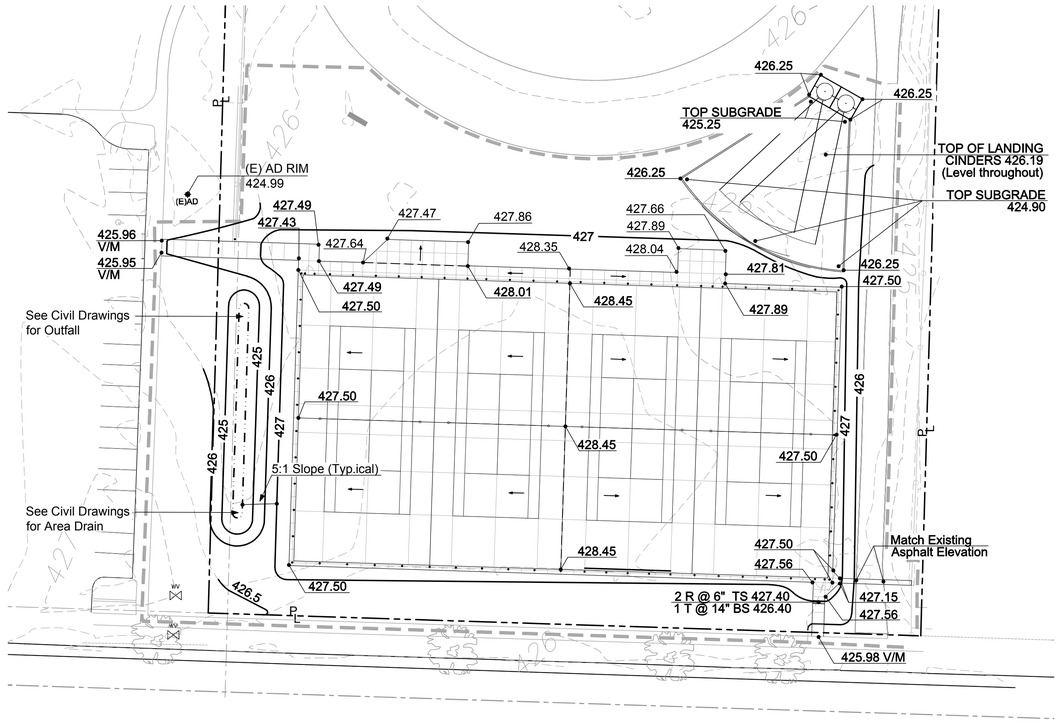
SHEET #

L3.0



DISCUS CAGE IMPROVEMENTS

NTS 1



TENNIS COURT IMPROVEMENTS

NTS 2

Grading Plan

GENERAL GRADING NOTES

1. All survey information provided by:
   Baker and Associates, Surveyors
   1347 Market Street
   Springfield, Oregon 97477
   P: (541) 343-7243
   Dated: July 18, 2014
   Contact: Daniel Baker
2. Install new utilities and adjust existing utilities so that rim elevations are flush with finish grades at pavement or lawn.
3. Verify existing elevations where new work abuts existing to remain. Notify Owner's Representative of any discrepancies prior to any construction.
4. Blend all new elevations back to existing grade to create a uniform slope. Maximum slope, 4:1.
5. Construct smooth transitions between new paving improvements and existing paving to remain.
6. Refer to Survey for control points. All elevations shown are relative to the attached survey control points.

LEGEND

- PROPERTY LINE
- PROJECT LIMIT LINE (APPROXIMATE)
- 425 — EXISTING CONTOURS 0.5' Intervals Shown
- 425 — PROPOSED CONTOUR
- 427.00 — SPOT ELEVATION
- (E) AD RIM 427.00 — EXISTING AREA DRAIN RIM ELEVATION
- 427.00 v/m — VERIFY/MATCH EXISTING ELEVATION See Note 3
- TS 427.00 BS 426.40 — TOP / BOTTOM OF STAIR ELEVATION
- BREAK IN PLANE Arrow Indicates Direction of Flow

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STAMP
REGISTERED 285 LANDSCAPE ARCHITECT
LARRY K GILBERT
OREGON

Designed:	LG
Drawn By:	KK
Checked:	LG
Project #:	
Date:	09/03/2014

Rev. #:	Date:

100% CONSTRUCTION DOCUMENTS

SHEET TITLE

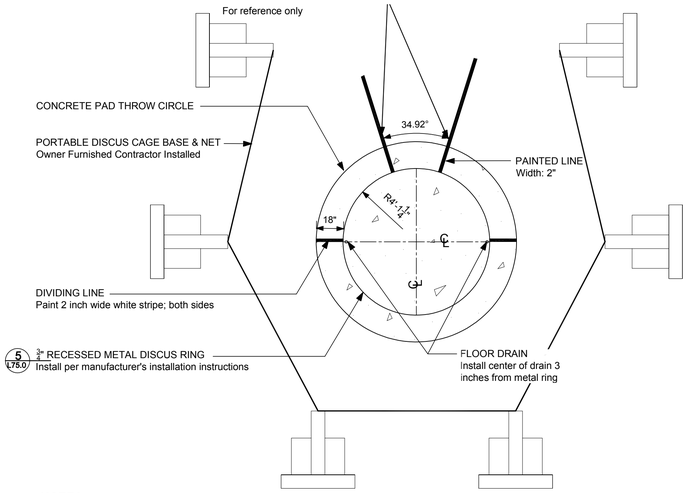
GRADING PLAN

SHEET #

L4.0

SCALE 1" = 30'-0"

0' 15' 30' 60' NORTH

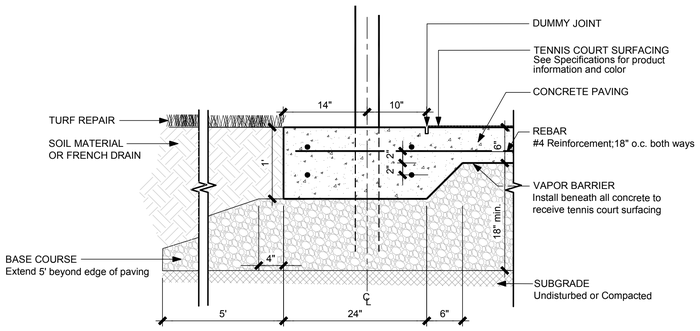


NOTES:

1. Construct $\frac{1}{2}$ inch radius at edge of paving.
2. See specifications for concrete finish at throw circles.
3. Install discus cage per manufacturer's installation instructions.

DISCUS CAGE LAYOUT AND POLE SECTION

NTS 7

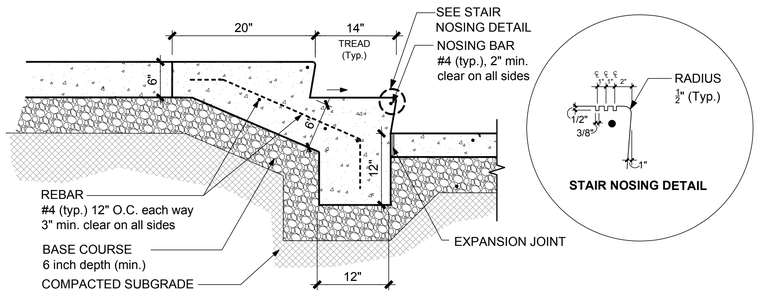


NOTES

1. Construct $\frac{1}{2}$ inch radius at edge of paving.
2. Install vapor barrier beneath all concrete with tennis court surfacing.

TENNIS COURT PROFILE AND THICKENED EDGE

NTS 8

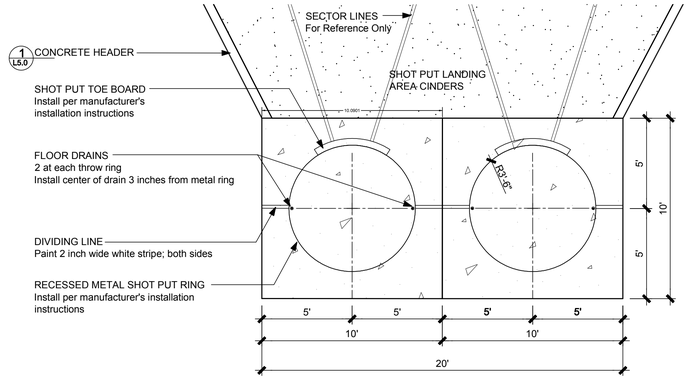


NOTES

1. See Grading Plan for stair riser/tread relationship.
2. Construct stair nosing to confrom with ADA Standard '4.93' Nosing.
3. Provide positive drainage at each stair tread. 1.75% maximum slope.

STAIR PROFILE

NTS 9

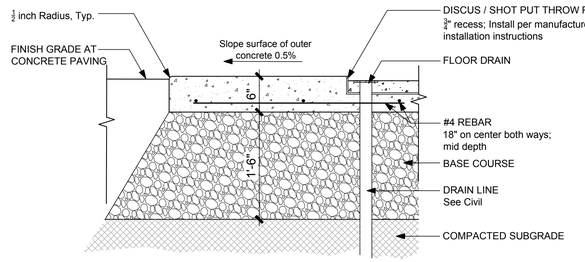


NOTES

1. Construct $\frac{1}{2}$ inch radius at edge of paving.
2. See specifications for concrete finish at throw circles.

SHOT PUT RING - PLAN

NTS 4

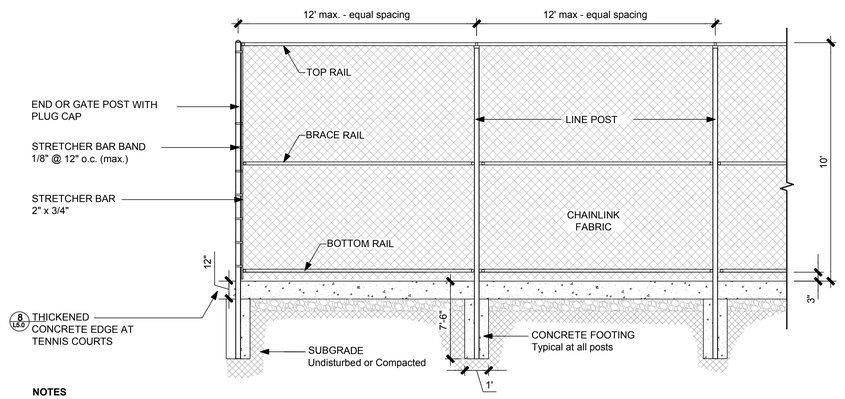


NOTES

1. FLOOR DRAIN
   Product: Model FD-2201-2209-PV3 by Zurn, or approved.
2. Refer to Specifications for concrete finish at throw circles.
3. Install throw circle rings and toe boards per manufacturer's installation instructions.

THROW RING SECTION
At Discus & Shot Put

NTS 5

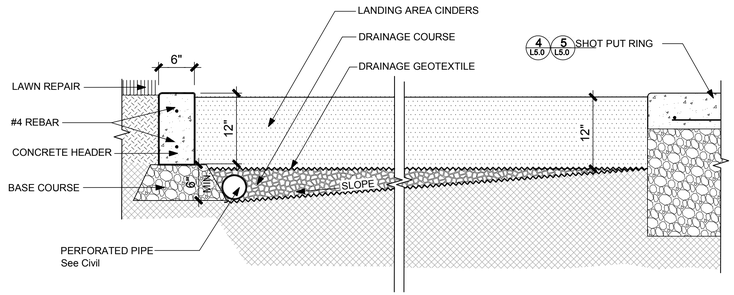


NOTES

1. Coordinate layout and installation with concrete work. Locate fence posts at concrete score joints as shown on plans where applicable.
2. Submit Shop Drawings for fence as specified.
3. See Specifications for finishes and materials.
4. Install bottom rail 3 inches above finished grade. Install chain link fabric 1 inch above finished grade.

CHAINLINK FENCE AT TENNIS COURT

NTS 6

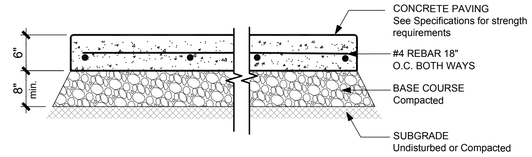


NOTES

1. Construct $\frac{1}{2}$ inch radius at edge of paving.
2. Hold soil $\frac{1}{2}$ inch below top of concrete header at shot put landing area.

SHOT PUT LANDING AREA SECTION

NTS 1

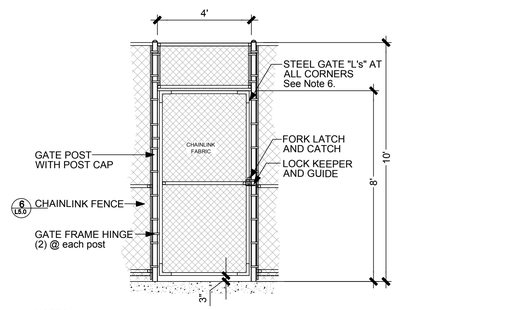


NOTES

1. See specifications for concrete finish.
2. Construct $\frac{1}{2}$ inch radius at edge of paving.

CONCRETE WALK

NTS 2



NOTES

1. Coordinate layout and installation with concrete work. Locate fence posts at concrete score joints as shown on plans where applicable.
2. Submit Shop Drawings for fence, gate, and assemblies as specified.
3. See Specifications for finishes and materials.
4. Confirm gate swing is not impeded by surrounding grades or site elements prior to fabrication.
5. Install Bottom Rail 3 inches above finish grade. Install Chain Link Fabric 1 inch above finish grade.
6. All steel gate corner "L's" to be welded.

SWING GATE

NTS 3

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STAMP
REGISTERED
285
LAURY K GILBERT
OREGON
LANDSCAPE ARCHITECT

Designed:	LG
Drawn By:	KK
Checked:	LG
Project #:	
Date:	09/03/2014

Rev. #:	Date:

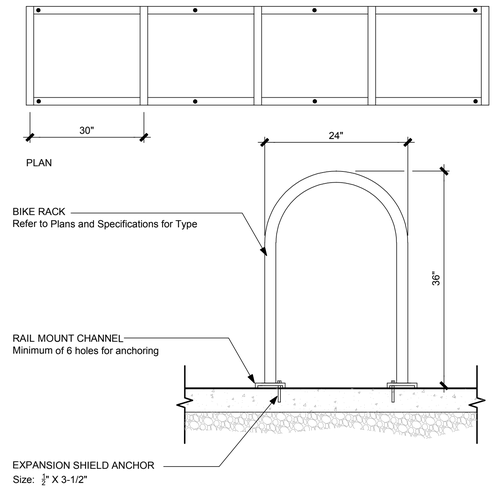
100% CONSTRUCTION DOCUMENTS

SHEET TITLE

SITE DETAILS

SHEET #

L5.0

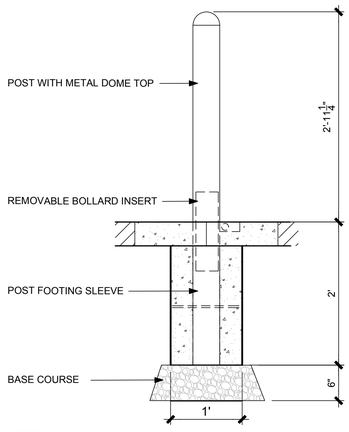


NOTES

1. Refer to manufacturer's information for installation instructions.

BIKE RACK

NTS 7

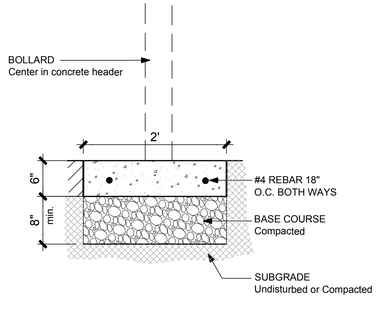


NOTES

1. Install per manufacturer's installation instructions.
2. Center bollard in concreete mowstrip.

BOLLARD - REMOVABLE

NTS 8

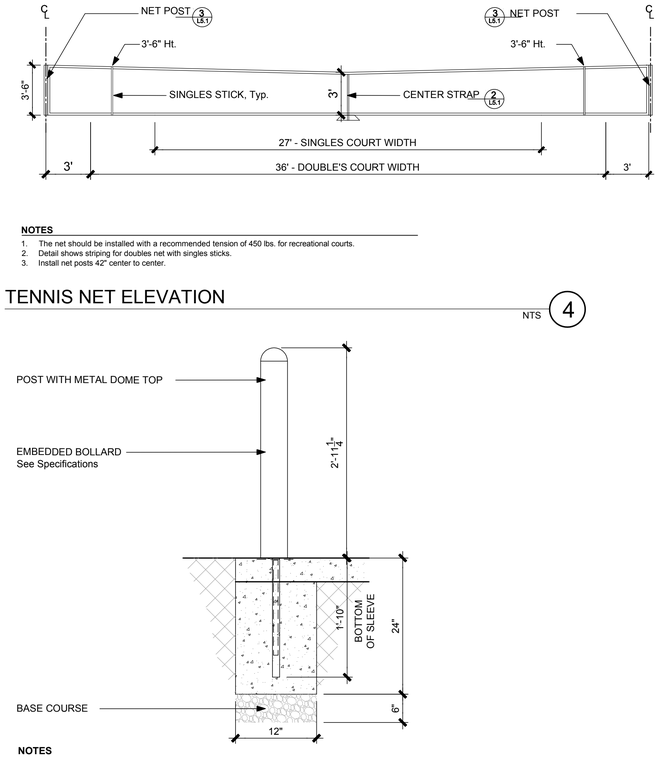


NOTES

1. Construct 1/2 inch radius at edge of paving.
2. Where concrete header in adjacent to asphalt paving saw cut clean edge of asphalt.

CONCRETE HEADER

NTS 9



NOTES

1. The net should be installed with a recommended tension of 450 lbs. for recreational courts.
2. Detail shows striping for doubles net with singles sticks.
3. Install net posts 42" center to center.

TENNIS NET ELEVATION

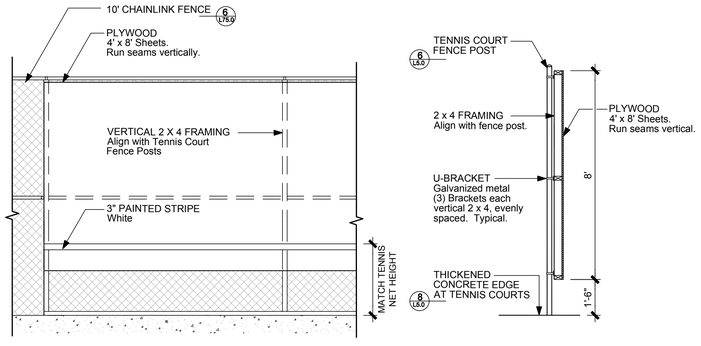
NTS 4

NOTES

1. Install per manufacturer's installation instructions.

BOLLARD - EMBEDDED

NTS 5

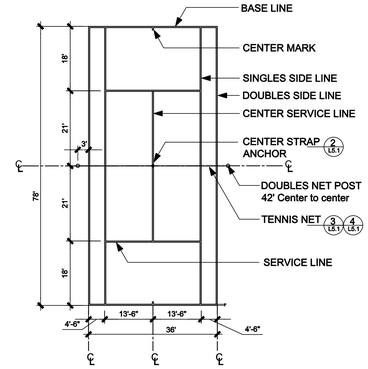


NOTES

1. Prime and paint all exposed wood gray to match court surface.

BALL WALL

NTS 6

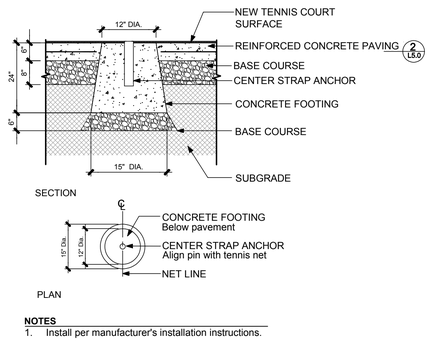


NOTES

1. All dimensions are to the outside edge of lines.
2. All playing lines are 2 inches in width, except the base line which is 3 inches in width.

TENNIS COURT LAYOUT

NTS 1

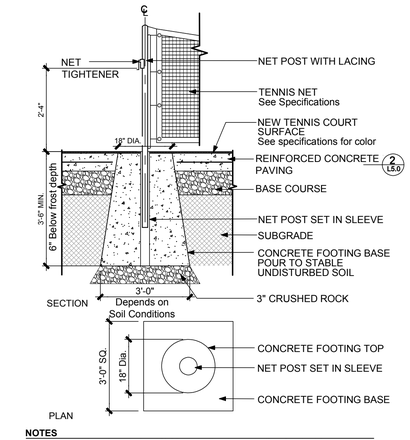


NOTES

1. Install per manufacturer's installation instructions.

TENNIS NET CENTER STRAP ANCHOR

NTS 2



NOTES

1. Net post locations to be 42'-0" centerline to centerline for doubles court.
2. Install new post per manufacturer's installation instructions.

TENNIS NET POST FOOTING

NTS 3

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100% CONSTRUCTION DOCUMENTS

SHEET TITLE

SITE DETAILS

SHEET #

L5.1