

CENTENNIAL PARK, PHASE III

WOODBURN, OREGON

LOCATION MAP



ABBREVIATIONS

AB	ANCHOR BOLT	COL	COLUMN	FD	FLOOR DRAIN	HVAC	HEATING, VENTILATION AND AIR CONDITIONING	OF	OUTSIDE FACE	STA PT	STATION POINT
AC	ASPHALTIC CONCRETE	CONC	CONCRETE	FDC	FIRE DEPARTMENT CONNECTION			OFOC	OUTSIDE FACE OF CURB	STD	STANDARD
ADJ	ADJACENT	CONN	CONNECTION	FIN FLR	FINISH FLOOR	ISF	INSIDE FACE	OHD	OVER HEAD DOOR	SUSP	SUSPENDED
AFF	ABOVE FINISH FLOOR	CONST	CONSTRUCTION	FIN GR	FINISH GRADE	IE	INVERT ELEVATION	OPNG	OPENING		
ALT	ALTERNATE	CONT	CONTINUOUS	FLR	FLOOR	INSUL	INSULATION	OPP	OPPOSITE	T/	TOP OF
ALUM	ALUMINUM	CORR	CORRUGATED(ION)	FOB	FACE OF BRICK	INT	INTERIOR	O/S	OUTSIDE	THK	THICK(NESS)
ANOD	ANODIZED	CSP	CONCRETE SEWER PIPE	FOC	FACE OF CONCRETE			OTS	OPEN TO STRUCTURE ABOVE	T/RF	TOP OF ROOF
APPROX	APPROXIMATE	CNTR	CENTER	FOF	FACE OF FINISH	JST	JOIST			TS	TUBE STEEL
ARCH	ARCHITECT(URAL)			FOM	FACE OF MULLION	JNT	JOINT	PL	PLATE	TU	TILT-UP
		DBL	DOUBLE	FOS	FACE OF STUD	LL	LIVE LOAD	PLAM	PLASTIC LAMINATE	TYP	TYPICAL
B/	BOTTOM OF	DF	DRINKING FOUNTAIN	FOT	FACE OF TRIM			PLYWD	PLYWOOD		
BD	BOARD	DIA	DIAMETER	FOW	FACE OF WALL	MATL	MATERIAL	PVC	POLY VINYL CHLORIDE	UL	UNDER WRITERS LABORATORIES
BTWN	BETWEEN	DIM	DIMENSION	FND	FOUNDATION	MAX	MAXIMUM	PVMT	PAVEMENT	U/S	UNDERSIDE
BLDG	BUILDING	DL	DEAD LOAD	FOIC	FURNISH BY OWNER INSTALL BY CONTRACTOR	MECH	MECHANICAL	PT	PRESSURE TREATED		
BLK	BLOCK	DN	DOWN			MFG	MANUFACTURED	PTD	PAINTED		
BLKG	BLOCKING	DR	DOOR	FT	FEET/FOOT	MGR	MANUFACTURING			R	RADIUS
BM	BENCH MARK	DS	DOWNSPOUT	FTG	FOOTING	MH	MANUFACTURER	RD	ROOF DRAIN	REF	REFERENCE
BOTT	BOTTOM	DWG	DRAWING			MIN	MAN HOLE	REF	REFERENCE	REQ	REINFORCING
BRG PL	BEARING PLATE			GA	GAUGE	MISC	MISCELLANEOUS	REIN	REINFORCING	REQ	REQUIRED
		EIFS	EXTERIOR INSULATION FINISH SYSTEM	GALV	GALVANIZED	MK	MARK	REV	REVISION	RM	ROOM
CB	CATCH BASIN			GEN	GENERAL	MO	MASONRY OPENING	RO	ROUGH OPENING	ROW	RIGHT OF WAY
CI	CAST IRON	ELEV	ELEVATION	GR	GRADE	MTL	METAL	SHTG	SHEATHING		
CJ	CONTROL JOINT	ELECT	ELECTRICAL	GYP BD	GYP SUM BOARD			SIM	SIMILAR		
CL	CENTER LINE	EQ	EQUAL	GWB	GYP SUM WALL BOARD	NIC	NOT IN CONTRACT NUMBER	SPEC	SPECIFICATION		
CLG	CEILING	EXIST	EXISTING	HB	HOSE BIBB	NO	NOMINAL	SQ	SQUARE		
CLR	CLEAR	EXP JT	EXPANSION JOINT	HC	HOLLOW CORE	NTS	NOT TO SCALE	SS	STAINLESS STEEL		
CMP	CORRUGATED METAL PIPE	EXT	EXTERIOR	HDR	HEADER	O/A	OVERALL				
CMU	CONCRETE MASONRY UNIT	F/STUD	FACE OF STUD	HDW	HARDWARE	OC	ON CENTER				
CO	CLEAN OUT			HM	HOLLOW METAL	OD	OUTSIDE DIAMETER				

TEAM MEMBERS

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 Contact: Jim Row

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 Phone: 206 667-0555
 Contact: Chris Fote

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NFPA 101 LIFE SAFETY CODE, THE FACILITIES STANDARDS FOR THE PUBLIC BUILDING SERVICE (PBS-PQ100.1) AND LOCAL GOVERNING CODES; WHICHEVER IS MORE RESTRICTIVE
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD AND CONTACT ARCHITECT IF DISCREPANCIES ARE DISCOVERED, PRIOR TO PROCEEDING.
- THE DRAWINGS LOCATE PRODUCTS, SURFACES, AND MATERIALS AND THE NOTES ESSENTIALLY CONVEY DESIGN INTENT. THE PROJECT INTENT IS TO PROVIDE FOR A COMPLETE, WORKING MODEL.

PROJECT INFORMATION

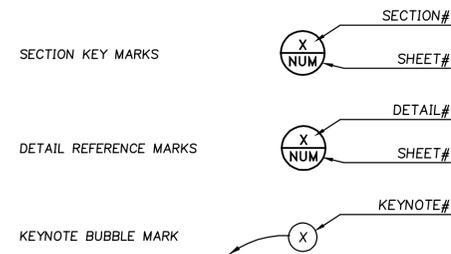
COMPREHENSIVE PLAN DESIGNATION: OPEN SPACE AND PARKS

ZONING DISTRICT: P/SP: PUBLIC AND SEMI-PUBLIC

LEGAL DESCRIPTIONS (FROM MARION COUNTY ASSESSOR)

1) NON-PLATTED, 24.75 ACRES.

SYMBOL LEGEND



INDEX OF DRAWINGS

T1.0 TITLE SHEET

SURVEY

- 1 OF 5 SURVEY / EXISTING CONDITIONS PLAN
- 2 OF 5 SURVEY / EXISTING CONDITIONS PLAN
- 3 OF 5 SURVEY / EXISTING CONDITIONS PLAN
- 4 OF 5 SURVEY / EXISTING CONDITIONS PLAN
- 5 OF 5 SURVEY / EXISTING CONDITIONS PLAN

DEMOLITION + TREE PROTECTION

D1.1 DEMOLITION/TREE PROTECTION PLAN

EROSION + SEDIMENT CONTROL PLANS

- EC1.0 EROSION AND SEDIMENT CONTROL COVER SHEET
- EC2.0 EROSION AND SEDIMENT CONTROL PLAN
- EC3.0 GRADING AND UTILITY CONSTRUCTION EROSION AND SEDIMENT CONTROL COVER
- EC4.0 EROSION AND SEDIMENT CONTROL DETAILS

CIVIL DRAWINGS

- C2.1 OVERALL SITE PLAN
- C2.2 BASEBALL FIELD PLAN
- C2.3 BASEBALL FIELD GRADING AND UTILITY PLAN - ALTERNATE A2
- C2.4 NORTH BASEBALL FIELD GRADING AND UTILITY PLAN
- C2.5 PICNIC AREA, STORAGE AND BASKETBALL PLAN
- C8.1 DETAIL SHEET

LANDSCAPE DRAWINGS

- L2.0 OVERALL SITE PLAN
- L2.1 MATERIALS AND LAYOUT PLAN 'A'
- L2.2 MATERIALS AND LAYOUT PLAN 'B'
- L2.3 MATERIALS AND LAYOUT PLAN 'C'
- L2.4 MATERIALS AND LAYOUT PLAN 'D'
- L2.5 MATERIALS AND LAYOUT PLAN 'E'
- L3.1 PLAN ENLARGEMENTS - LAYOUT PLAN
- L3.2 PLAN ENLARGEMENTS - LAYOUT PLAN
- L3.3 PLAN ENLARGEMENTS - LAYOUT PLAN
- L4.0 IRRIGATION PLAN - EXISTING CONDITIONS
- L4.1 IRRIGATION PLAN
- L4.2 IRRIGATION PLAN
- L5.1 PLANTING PLAN
- L5.2 PLANTING PLAN
- L5.3 PLANTING PLAN
- L5.4 PLANTING PLAN
- L5.5 PLANTING PLAN
- L8.1 SITE DETAILS
- L8.2 SITE DETAILS
- L8.3 IRRIGATION AND PLANTING DETAILS

ELECTRICAL DRAWINGS

- E1.1 ELECTRICAL SITE PLAN
- E1.2 ELECTRICAL SITE PLAN
- E1.3 ELECTRICAL SITE PLAN
- E1.4 ELECTRICAL SITE PLAN
- E1.5 ELECTRICAL SITE PLAN
- E2.1 ELECTRICAL DETAILS
- E2.2 ELECTRICAL DETAILS

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 Seattle WA 206.749.9993

Project
**CENTENNIAL PARK
 PHASE III**



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REVISIONS:

REVISION NO.	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

SHEET TITLE:
TITLE SHEET

DRAWN BY: TMK

CHECKED BY: DKJ

SHEET:

T1.0

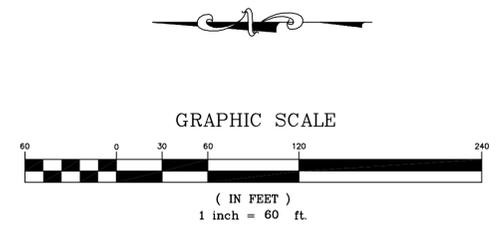
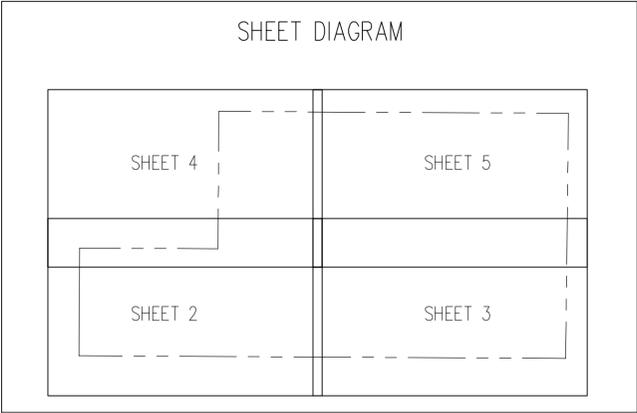
JOB NO. **2080437.00**

100% SET - MARCH 8, 2009

LEGEND

DECIDUOUS TREE		STORM SEWER CLEAN OUT	
CONIFEROUS TREE		STORM SEWER CATCH BASIN	
FIRE HYDRANT		ELECTRIC METER	
WATER VALVE		POWER JUNCTION BOX	
HOSE BIB		POWER OUTLET	
WATER METER		STREET LIGHT	
SANITARY SEWER CLEAN OUT		TRANSFORMER	
FLAG POLE		POWER VAULT	
SIGN		TELEPHONE RISER	
		FOUND PROPERTY CORNER MONUMENT	

RIGHT-OF-WAY LINE	
PROPERTY LINE	
CENTERLINE	
DITCH	
CURB	
FENCE LINE	
POWER LINE	



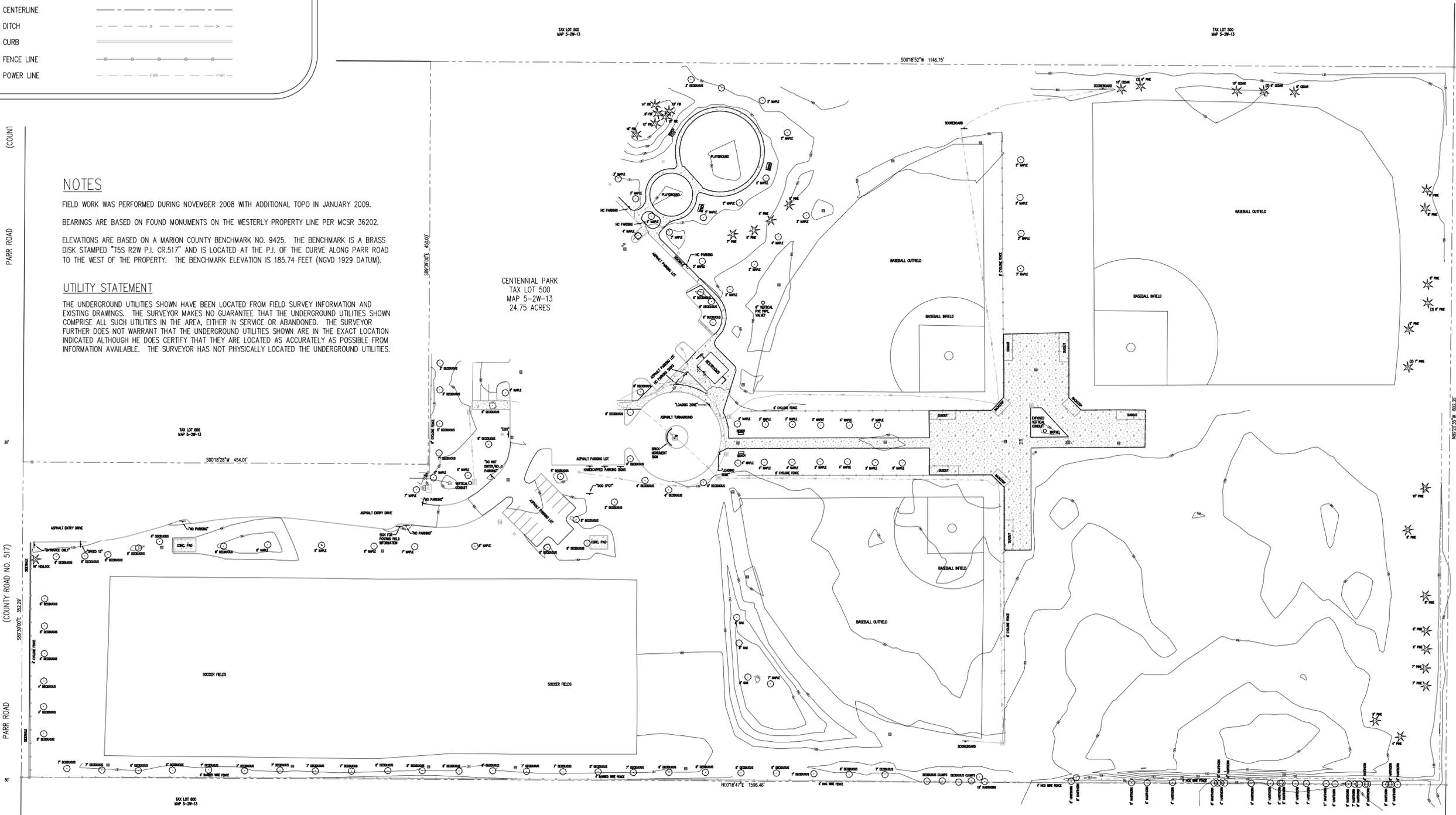
NOTES

FIELD WORK WAS PERFORMED DURING NOVEMBER 2008 WITH ADDITIONAL TOPO IN JANUARY 2009.
 BEARINGS ARE BASED ON FOUND MONUMENTS ON THE WESTERLY PROPERTY LINE PER MCSR 36202.
 ELEVATIONS ARE BASED ON A MARION COUNTY BENCHMARK NO. 9425. THE BENCHMARK IS A BRASS DISK STAMPED "T5S R2W P.1. CR.517" AND IS LOCATED AT THE P.I. OF THE CURVE ALONG PARR ROAD TO THE WEST OF THE PROPERTY. THE BENCHMARK ELEVATION IS 185.74 FEET (NGVD 1929 DATUM).

UTILITY STATEMENT

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

CENTENNIAL PARK
 TAX LOT 500
 MAP 5-2W-13
 24.75 ACRES



Project
**CENTENNIAL PARK
 PHASE III**



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REVISIONS:

REVISION SHEET	REVISIONS THIS SHEET	REVISION CLOSING DATE	DELTA

SHEET TITLE:
**SURVEY -
 EXISTING
 CONDITIONS**

DRAWN BY: SFF
 CHECKED BY: CHF
 SHEET:

1 OF 5

JOB NO. **2080437.00**

100% SET - MARCH 8, 2009

THE SURVEY INFORMATION SHOWN AS A BACKGROUND SCREEN ON THIS SHEET IS SHOWN FOR REFERENCE ONLY AND IS BASED ON A SURVEY BY: NORTHWEST SURVEYING, INC DATE: 01/13/09

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TAX LOT 100
 MAP 5-2B-13

TAX LOT 100
 MAP 5-2B-13

TAX LOT 100
 MAP 5-2B-13

TAX LOT 500
 MAP 5-2B-13

TAX LOT 500
 MAP 5-2B-13

NAD83 50° 15' 30" W 802.35'

TAX LOT 500
 MAP 5-2B-13

S001°52' W 1146.75'

TAX LOT 500
 MAP 5-2B-13

COUNTY ROAD NO. 517

PARR ROAD

PARR ROAD

PARR ROAD

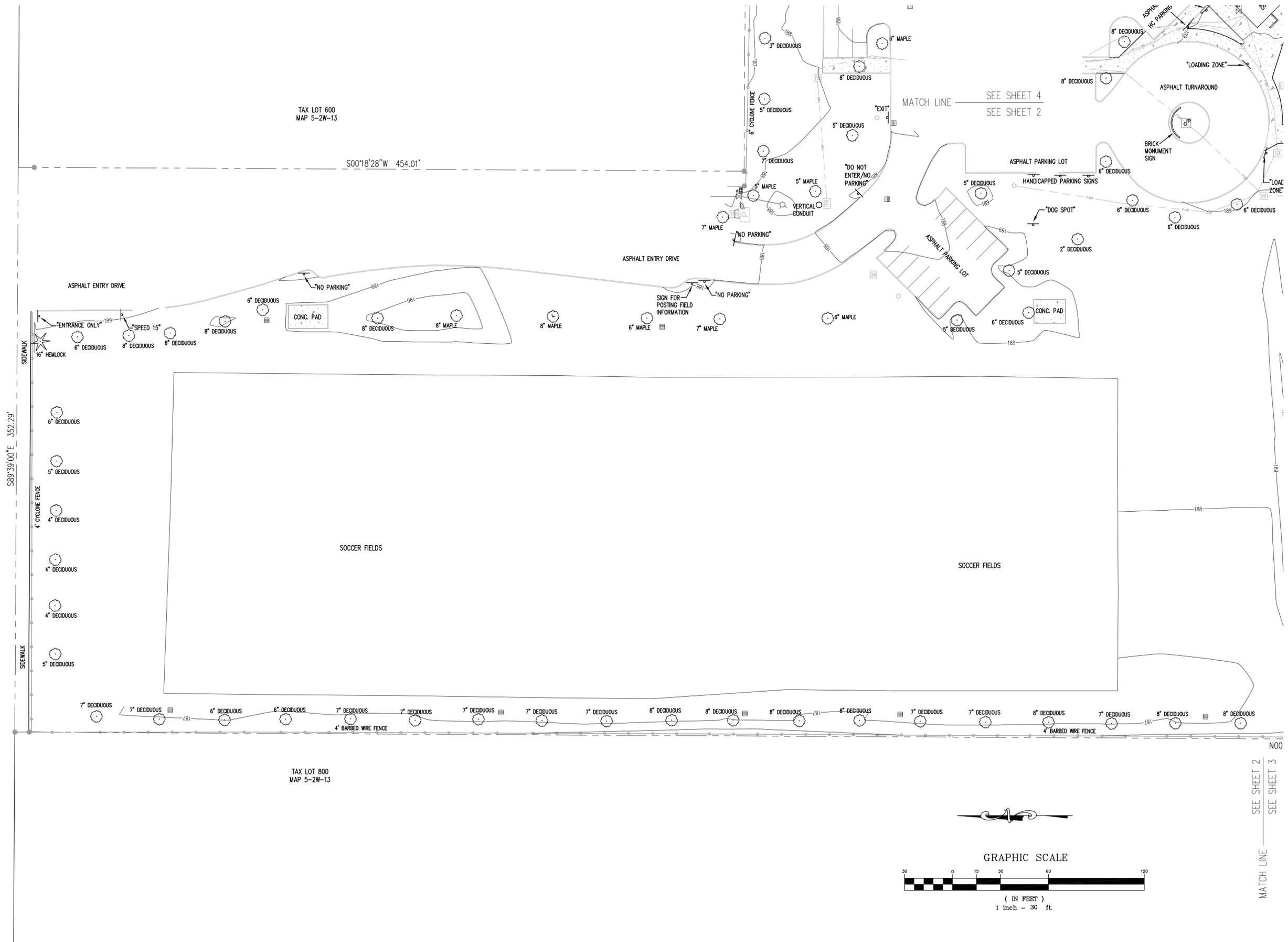
PARR ROAD

PARR ROAD

PARR ROAD

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PARR ROAD (COUNTY ROAD NO. 517)



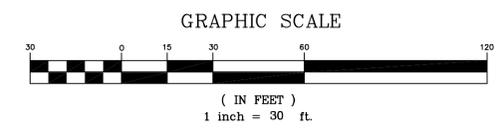
30' 30' 30' 30'

TAX LOT 600
MAP 5-2W-13

TAX LOT 800
MAP 5-2W-13

MATCH LINE
SEE SHEET 4
SEE SHEET 2

MATCH LINE
SEE SHEET 2
SEE SHEET 3



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Project
**CENTENNIAL PARK
PHASE III**

WOODBURN
Incorporated 1889

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SHEET TITLE:
**SURVEY -
EXISTING
CONDITIONS**

DRAWN BY: SFF
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SHEET:

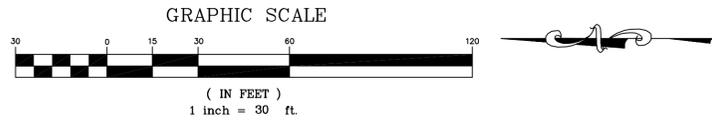
2 OF 5

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208043700\CIVIL\ORIGINALS\486 TOPO_22X34.DWG: SHEET 2 TMR 04/09/09 09:27 1:30.00



TAX LOT 500
MAP 5-2W-13

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Project
**CENTENNIAL PARK
PHASE III**



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SHEET TITLE:
**SURVEY -
EXISTING
CONDITIONS**

DRAWN BY: SFF
 CHECKED BY: CHF
 SHEET:

4 OF 5

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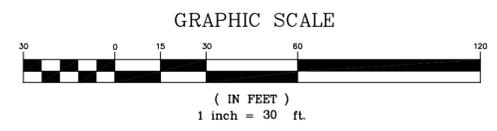
(COUNTY ROAD NO. 517)

PARR ROAD

CENTENNIAL PARK
TAX LOT 500
MAP 5-2W-13
24.75 ACRES

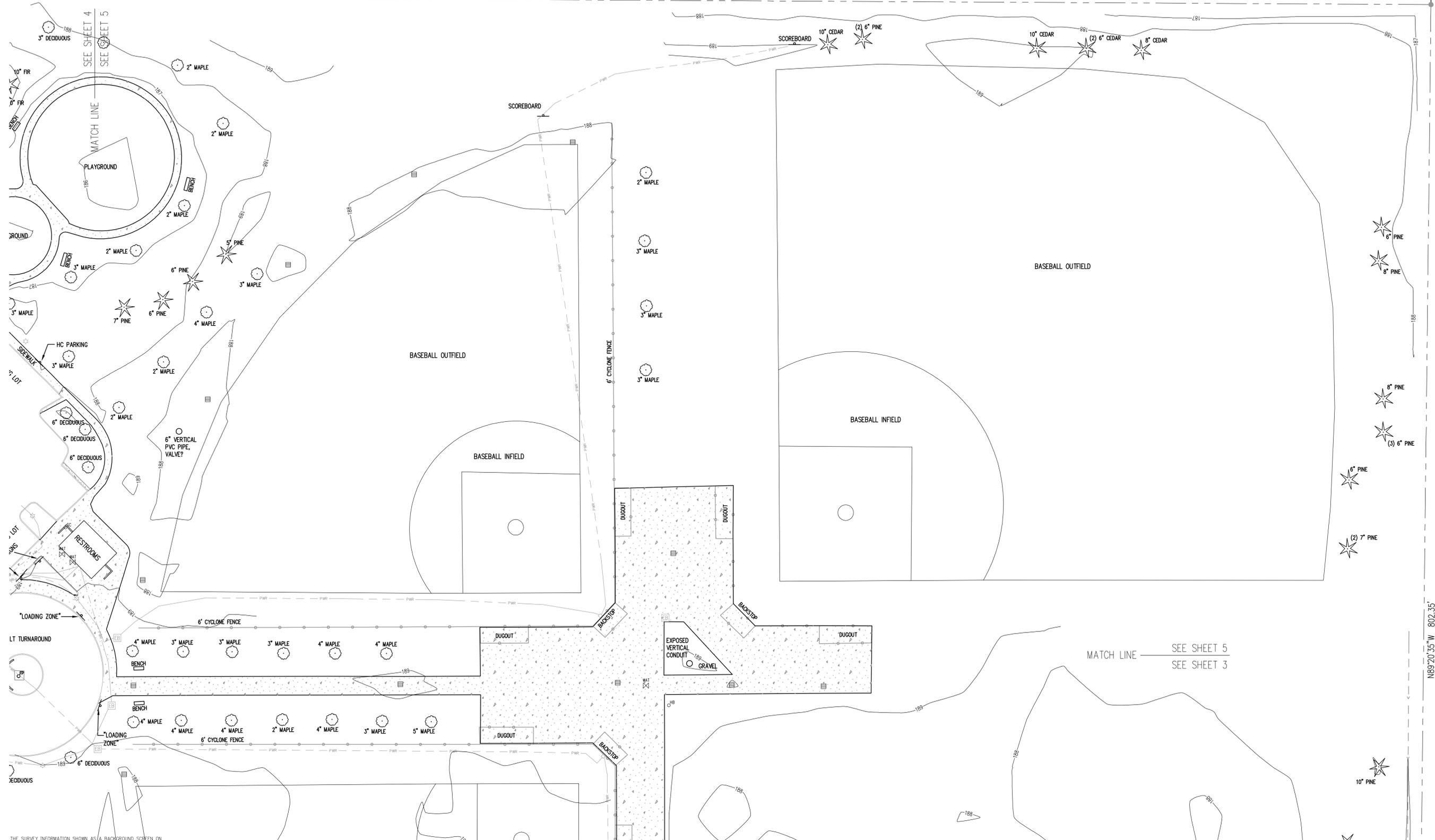
TAX LOT 600
MAP 5-2W-13

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TAX LOT 500
MAP 5-2W-13

S00°18'52"W 1146.75'



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Project
CENTENNIAL PARK PHASE II

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SHEET TITLE:
SURVEY - EXISTING CONDITIONS

DRAWN BY: SFF
 CHECKED BY: CHF
 SHEET:

5 OF 5

JOB NO. 2080437.00

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KEY NOTES

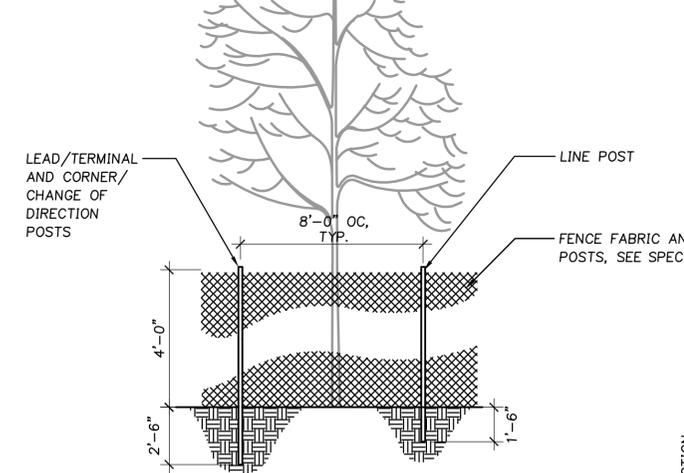
ITEM	NOTE	REFERENCE
1	TREE(S) & STUMPS TO BE REMOVED	N/A
2	TREE(S) TO BE PROTECTED	1/D1.1 & SPECS.
3	SCRUB VEGETATION AT FENCE LINE TO BE FULLY REMOVED	N/A
4	CLEAR & GRADE PER CIVIL PLANS. STOCKPILE TOPSOIL ON-SITE FOR REUSE	N/A
5	NOT USED	N/A
6	DEMO AND REMOVE EXISTING CONCRETE AND SUB-BASE.	N/A
7	FULLY REMOVE EXISTING CONCRETE PAD GRAVEL BASE	N/A
8	REMOVE EXISTING EXTRUDED CURB FOR ADDITION OF THE CURB AND SIDEWALK	N/A
9	REMOVE AND PROTECT EXISTING BENCH SEE L2.1 AND L2.5 FOR NEW LOCATIONS.	N/A
10	DEMO HOSE BIB AND CAP EXISTING POTABLE LINE	N/A
11	DEMO EXISTING STORAGE BUILDING	N/A
12	REMOVE EXISTING FENCE AND ROLLING GATE. ROLLING GATE TO BE RELOCATED TO LOCATION ON L2.1	N/A
13	REMOVE EXISTING FENCE TO ACCOMMODATE PROPOSED OPENING. SEE SHEETS L2.1 AND L2.5	N/A
14	REMOVE EXISTING FENCE AT BALL FIELDS	N/A
15	TREE(S) & STUMPS TO BE REMOVED ONLY AS RESULT OF ALTERNATE A1. TREE(S) TO BE PROTECTED OTHERWISE.	N/A

DEMOLITION/TREE PROTECTION NOTES

1. PROTECT ALL EXISTING IMPROVEMENTS TO REMAIN FROM CONSTRUCTION DAMAGE. REPAIR OF DAMAGE TO AREAS NOT ASSOCIATED WITH THIS WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.
2. CONTRACTOR SHALL OBTAIN NECESSARY CITY OF WOODBURN TREE REMOVAL PERMIT FOR THOSE DEFINED AS SIGNIFICANT BY THE CITY OF WOODBURN.
3. TREE PROTECTION FENCE TO BE PLACED AT THE DRIPLINE OF EXISTING TREES TO BE PROTECTED. THEY SHALL BE FENCED PER DETAIL ON THIS SHEET AND SPECIFICATION SECTION 00 15 33. REFER TO SECTION 00 15 33 FOR COMPLETE TREE PROTECTION INFORMATION.
4. ALL REMOVED HARDSCAPE ELEMENTS SHALL HAULED AND DISPOSED OF LEGALLY OFF-SITE UNLESS OTHERWISE NOTED.

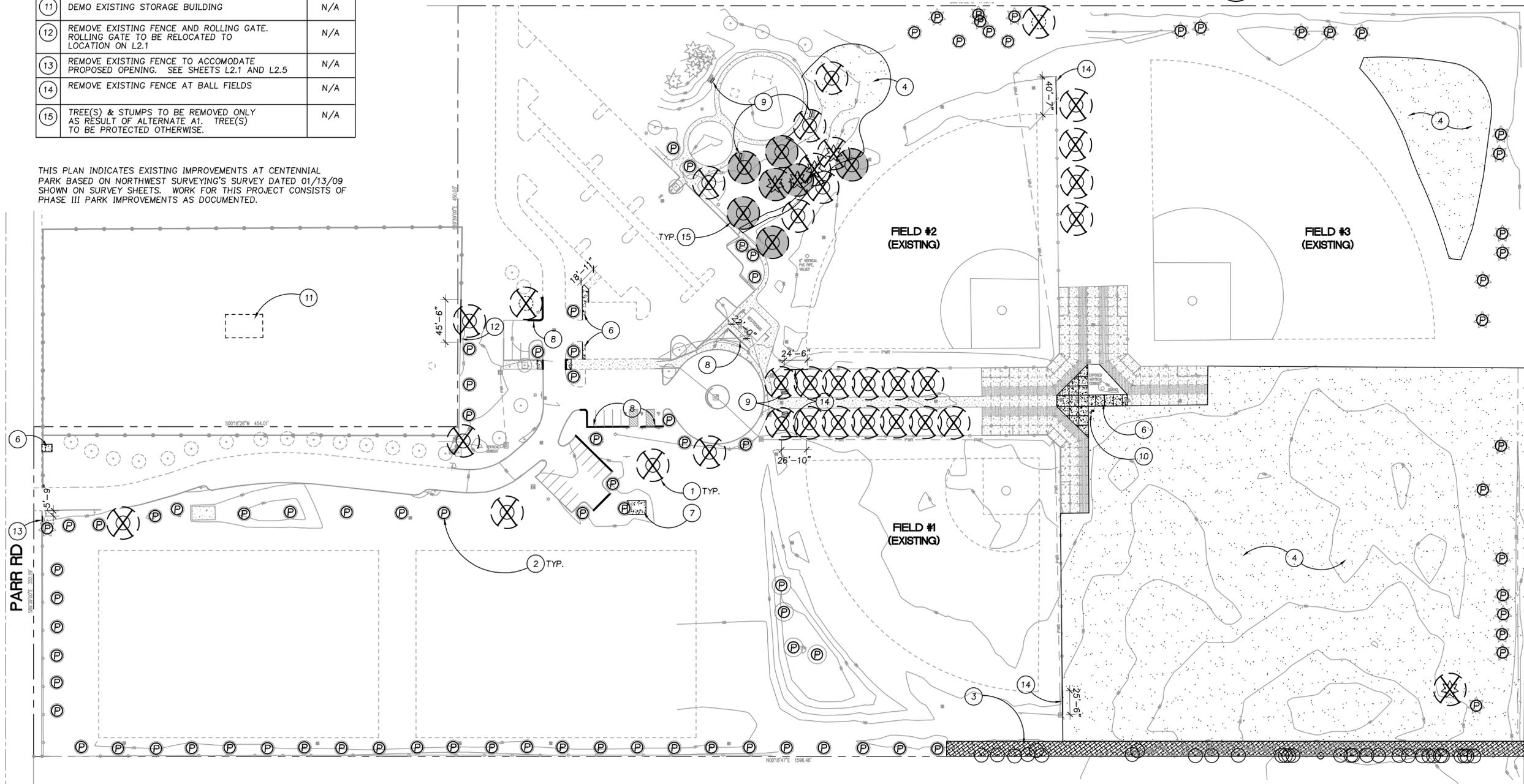
GENERAL NOTES

1. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
2. EXISTING TREES TO REMAIN SHOWN ON PLANS IN DASHED LINE SYMBOLS. PROTECT PER D1.1 AND SECTION 01 15 33.
3. SEE SURVEY SHEETS FOR EXISTING IMPROVEMENTS. ON SHEET D1.1, SURVEYED WORK IS DEPICTED IN SOLID LINES; NON-SURVEYED SITE INFORMATION IS SHOWN IN DASHED LINES FOR REFERENCE ONLY. ON ALL OTHER SHEETS, BOTH SURVEYED AND NON-SURVEYED EXISTING SITE IMPROVEMENTS ARE SHOWN WITH DASHED LINES; PROPOSED IMPROVEMENTS ARE SHOWN WITH SOLID LINES.
4. WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.



1 D1.1 TREE PROTECTION FENCE

THIS PLAN INDICATES EXISTING IMPROVEMENTS AT CENTENNIAL PARK BASED ON NORTHWEST SURVEYING'S SURVEY DATED 01/13/09 SHOWN ON SURVEY SHEETS. WORK FOR THIS PROJECT CONSISTS OF PHASE III PARK IMPROVEMENTS AS DOCUMENTED.



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Project
CENTENNIAL PARK PHASE III

 WOODBURN
 Incorporated 1889

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SHEET TITLE:
 DEMOLITION/
 TREE PROTECTION
 PLAN - FULL SITE

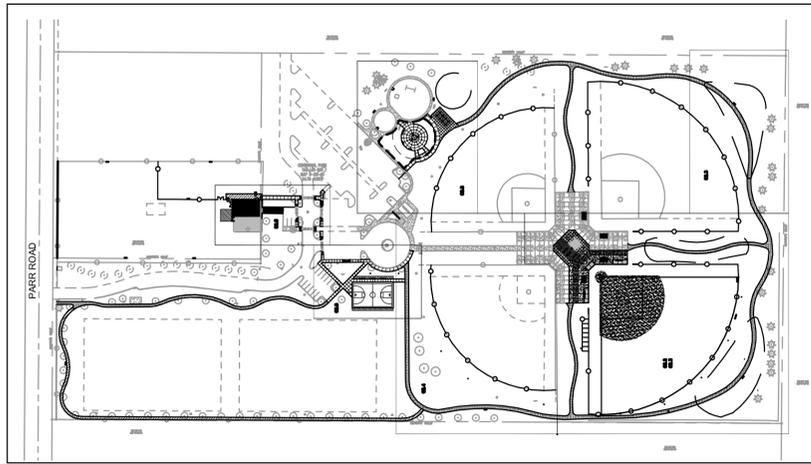
DRAWN BY: TMK
CHECKED BY: DKJ
SHEET:

D1.1
JOB NO. 2080437.00

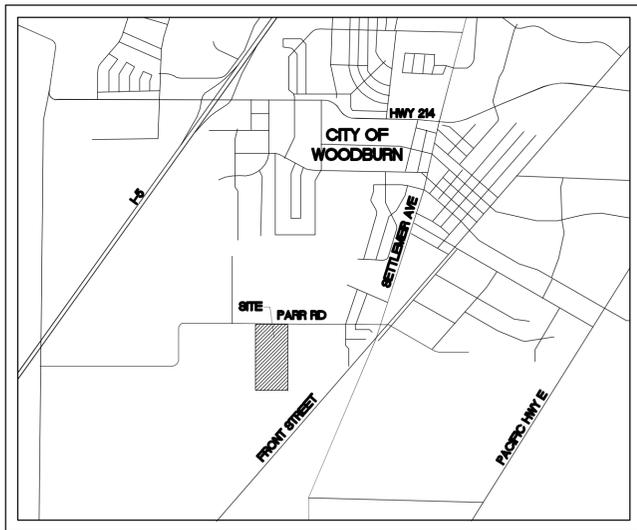


100% SET - MARCH 8, 2009

EROSION AND SEDIMENT CONTROL PLANS



SITE MAP
1" = 200'



VICINITY MAP
NOT TO SCALE

PROJECT LOCATION:

828 PARR ROAD, WEST OF INTERSECTION OF PARR ROAD AND SETTLEMEIR ROAD, WOODBURN, OR
 LATITUDE = 45°07'59.5" N, LONGITUDE = -122°52'31.4" W

PROPERTY DESCRIPTION:

TAX LOT 700 LOCATED IN THE NORTHWEST ONE-QUARTER OF SECTION 13, TOWNSHIP 5, RANGE 2 WEST, WILLAMETTE MERIDIAN, MARION COUNTY, OREGON

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.

OWNER

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 BEAVERTON, OR 97007
 PHONE: 503-848-2127

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS

* PUBLIC PARK. 1% TO 20% SLOPE TOWARDS DITCH IN SOUTHWEST CORNER.

DEVELOPED CONDITIONS

* PUBLIC PARK

NATURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

- * CLEARING (OCTOBER 2009)
- * MASS GRADING (OCTOBER - NOVEMBER 2009)
- * UTILITY INSTALLATION (NOVEMBER - DECEMBER 2009)
- * FINAL STABILIZATION (DECEMBER - JANUARY 2009)

TOTAL SITE AREA = 1,078,318 SF = 24.75 ACRES

TOTAL DISTURBED AREA = 200,862 SF= 4.61 ACRES

SITE SOIL CLASSIFICATION:

WuA - WOODBURN SILT LOAM, 0 TO 3 PERCENT SLOPES

ON-SITE SOILS HAVE A SLIGHT EROSION POTENTIAL. ALL FILL MATERIAL SHALL BE GENERATED ON-SITE FROM GRADING EXCAVATION AND UTILITY TRENCH SPOILS.

RECEIVING WATER BODIES:

ALL STORM RUNOFF TO BE INFILTRATED ON SITE.

PERMITTEE'S SITE INSPECTOR: RALPH HENDERSON

COMPANY/AGENCY: GROUP MACKENZIE
 PHONE: (503) 224-9560
 FAX: (503) 228-1285
 E-MAIL: rjh@grpmack.com

DESCRIPTION OF EXPERIENCE: OVER TEN YEARS EXPERIENCE IN EROSION AND SEDIMENT CONTROL PLANNING IN OREGON AND WASHINGTON, WITH EMPHASIS IN THE GREATER PORTLAND AREA. FIELD EXPERIENCE INCLUDES VARIOUS ON SITE VISUAL OBSERVATIONS OF MANY EROSION AND SEDIMENT CONTROL PRACTICES.

INSPECTION FREQUENCY:

SITE CONDITION	MINIMUM FREQUENCY
1. ACTIVE PERIOD	DAILY WHEN STORMWATER RUNOFF, INCLUDING RUNOFF FROM SNOWMELT, IS OCCURRING
2. PRIOR TO SITE BECOMING INACTIVE OR IN ANTICIPATION OF SITE INACCESSIBILITY	ONCE TO ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE IN WORKING ORDER. ANY NECESSARY MAINTENANCE AND REPAIR MUST BE MADE PRIOR TO LEAVING THE SITE
3. INACTIVE PERIODS GREATER THAN (7) CONSECUTIVE CALENDAR DAYS	ONCE EVERY (2) TWO WEEKS
4. PERIODS AT WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT AND ACCESSIBLE DISCHARGE POINT OR DOWNSTREAM LOCATION.

HOLD A PRE-CON MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE EC INSPECTOR.

ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ 1200 C PERMIT REQUIREMENTS.

INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200 C PERMIT REQUIREMENTS.

CHANGES TO THE APPROVED ESC PLAN MUST BE SUBMITTED TO DEQ IN THE FORM OF AN ACTION PLAN.

THE PERMITTEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200C PERMIT. THIS ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE WITH THE 1200C PERMIT REQUIREMENTS. IN CASES OF DISCREPANCIES OR OMISSIONS, THE 1200C PERMIT REQUIREMENTS SUPERCEDE REQUIREMENTS OF THIS PLAN.

STANDARD EROSION AND SEDIMENT CONTROL PLAN DRAWING NOTES:

1. APPLY TEMPORARY AND PERMANENT SOIL STABILIZATION MEASURES ON ALL DISTURBED AREAS AS GRADING PROGRESSES. (SCH A.7.e.i.6.)
2. CONSTRUCTION ACTIVITIES MUST AVOID OR MINIMIZE EXCAVATION AND CREATION OF BARE GROUND FROM OCTOBER 1 THROUGH MAY 31 EACH YEAR. (SCH A.7.g.i.)
3. DURING WET WEATHER PERIODS TEMPORARY STABILIZATION OF THE SITE MUST OCCUR AT THE END OF EACH WORK DAY IF RAINFALL IS FORECAST IN THE NEXT 24 HOURS. (SCH A.7.g.i.1.)
4. ALL EROSION AND SEDIMENT CONTROLS NOT IN THE DIRECT PATH OF WORK MUST BE INSTALLED PRIOR TO ANY LAND DISTURBANCE. (SCH A.7.c.i.i.)
5. PRESERVE EXISTING VEGETATION AND RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION (SCH A.7.c.i.i.1.)
6. ALL TEMPORARY SEDIMENT CONTROLS MUST REMAIN IN PLACE UNTIL PERMANENT VEGETATION OR OTHER PERMANENT COVERING OF EXPOSED SOIL IS ESTABLISHED. (SCH A.7.e.i.3.)
7. SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ON ALL DOWN GRADIENT SIDES OF THE CONSTRUCTION SITE AT ALL TIMES DURING CONSTRUCTION. (SCH A.7.d.i.(1))
8. ALL ACTIVE CATCH BASINS MUST HAVE SEDIMENT CONTROLS INSTALLED AND MAINTAINED AT ALL TIMES DURING CONSTRUCTION. (SCH A.7.d.i.(2))
9. WATER-TIGHT TRUCKS MUST BE USED TO TRANSPORT SATURATED SOILS FROM THE CONSTRUCTION SITE. AN APPROVED EQUIVALENT IS TO DRAIN THE SOIL ON-SITE AT A DESIGNATED LOCATION USING APPROPRIATE BMP'S. SOIL MUST BE DRAINED SUFFICIENTLY FOR MINIMAL SPILLAGE. (SCH A.7.e.i.3.)
10. TEMPORARY STABILIZATION OR COVERING OF SOIL STOCKPILES MUST OCCUR AT THE END OF EACH WORK DAY OR OTHER BMP'S MUST BE IMPLEMENTED TO PREVENT TURBID DISCHARGES TO SURFACE WATERS. (SCH A.7.e.i.2.)
11. DEVELOP AND MAINTAIN ON-SITE A WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURE. (SCH A.7.e.i.3.)
12. ANY USE OF TOXIC OR OTHER HAZARDOUS MATERIALS MUST INCLUDE PROPER STORAGE, APPLICATION, AND DISPOSAL. (SCH A.7.e.i.(2))
13. THE PERMITTEE MUST PROPERLY PREVENT AND MANAGE HAZARDOUS WASTE, USED OILS, CONTAMINATED SOILS, CONCRETE WASTE, SANITARY WASTE, LIQUID WASTE, OR OTHER TOXIC SUBSTANCES DISCOVERED OR GENERATED DURING CONSTRUCTION. (SCH A.7.e.i.1 AND SCH A.7.e.i.4.)
14. SIGNIFICANT AMOUNTS OF SEDIMENT WHICH LEAVE THE SITE MUST BE CLEANED UP WITHIN 24 HOURS AND PLACED BACK ON THE SITE AND STABILIZED OR PROPERLY DISPOSED. THE CAUSE OF THE SEDIMENT RELEASE MUST BE FOUND AND PREVENTED FROM CAUSING A REOCCURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DIVISION OF STATE LANDS REQUIRED TIME FRAME. (SCH A.7.f.i.1.)
15. SEDIMENT MUST NOT BE INTENTIONALLY WASHED INTO STORM SEWERS, DRAINAGE WAYS, OR WATERBODIES. DRY SWEEPING MUST BE USED TO CLEAN UP RELEASED SEDIMENTS. (SCH A.7.f.i.2.)
16. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW THE MANUFACTURER'S RECOMMENDATIONS. NUTRIENT RELEASES FROM FERTILIZERS TO SURFACE WATERS MUST BE MINIMIZED. TIME RELEASE FERTILIZERS SHOULD BE USED AND CARE SHOULD BE TAKEN IN THE APPLICATION OF FERTILIZERS WITHIN ANY WATER WAY RIPARIAN ZONE. (SCH A.7.f.i.3.)
17. SEDIMENT MUST BE REMOVED FROM BEHIND SEDIMENT FENCE WHEN IT HAS REACHED A HEIGHT OF 1/3 THE HEIGHT OF THE FENCE ABOVE THE GROUND, AND BEFORE FENCE REMOVAL. (SCH A.7.f.i.1.)
18. SEDIMENT MUST BE REMOVED FROM BEHIND BIO BAGS AND OTHER BARRIERS WHEN IT HAS REACHED A HEIGHT OF TWO (2) INCHES AND BEFORE BMP REMOVAL. (SCH A.7.f.i.2.)
19. CLEANING OF TRAPPED CATCH BASINS MUST OCCUR WHEN THE SEDIMENT RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY (50) PERCENT, AND AT COMPLETION OF PROJECT. (SCH A.7.f.i.3.)
20. 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. (SCH A.7.f.i.3&4)
21. DEQ MUST APPROVE OF ANY TREATMENT SYSTEM AND OPERATIONAL PLAN THAT MAY BE NECESSARY TO TREAT CONTAMINATED CONSTRUCTION DRAINAGE OR SEDIMENT AND TURBIDITY IN STORMWATER RUNOFF. (SCH A.7.f.i.4.)
22. SHOULD ALL CONSTRUCTION ACTIVITIES CEASE FOR THIRTY (30) DAYS OR MORE, THE ENTIRE SITE MUST BE TEMPORARILY STABILIZED USING VEGETATION OR A HEAVY MULCH LAYER, TEMPORARY SEEDING, OR OTHER METHOD. (SCH A.8.a.)
23. SHOULD CONSTRUCTION ACTIVITIES CEASE FOR FIFTEEN (15) DAYS OR MORE ON ANY SIGNIFICANT PORTION OF A CONSTRUCTION SITE, TEMPORARY STABILIZATION IS REQUIRED FOR THAT PORTION OF THE SITE WITH STRAW, COMPOST, OR OTHER TACKIFIED COVERING THAT WILL PREVENT SOIL OR WIND EROSION UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SCH A.8.b.)

LOCAL AGENCY-SPECIFIC EROSION CONTROL NOTES:

1. OWNER OR DESIGNATED PERSON SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
2. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BOUNDARIES OF THE CLEARING LIMITS, VEGETATED BUFFERS, AND ANY SENSITIVE AREAS SHOWN ON THIS PLAN SHALL BE CLEARLY DELINEATED IN THE FIELD. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE IS PERMITTED BEYOND THE CLEARING LIMITS. THE OWNER/PERMITTEE MUST MAINTAIN THE DELINEATION FOR THE DURATION OF THE PROJECT. NOTE: VEGETATED CORRIDORS TO BE DELINEATED WITH ORANGE CONSTRUCTION FENCE OR APPROVED EQUAL.
3. PRIOR TO ANY LAND DISTURBING ACTIVITIES, THE BMP'S THAT MUST BE INSTALLED ARE A GRAVEL CONSTRUCTION ENTRANCE, PERMETER SEDIMENT CONTROL, AND INLET PROTECTION. THESE BMP'S MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT.
4. IF VEGETATIVE SEED MIXES ARE SPECIFIED, SEEDING MUST TAKE PLACE NO LATER THAN SEPTEMBER 1; THE TYPE AND PERCENTAGES OF SEED IN THE MIX MUST BE IDENTIFIED ON THE PLANS.
5. ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE DISCHARGED OVER AN UNDISTURBED, PREFERABLY VEGETATED AREA, AND THROUGH A SEDIMENT CONTROL BMP i.e. (FILTER BAG).
6. THE ESC PLAN MUST BE KEPT ON SITE. ALL MEASURES SHOWN ON THE PLAN MUST BE INSTALLED PROPERLY TO ENSURE THAT SEDIMENT OR SEDIMENT LADEN WATER DOES NOT ENTER A SURFACE WATER SYSTEM, ROADWAY, OR OTHER PROPERTIES.
7. THE ESC MEASURES SHOWN ON THIS PLAN ARE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE MEASURES SHALL BE UPGRADED AS NEEDED TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL EROSION CONTROL REGULATIONS. CHANGES TO THE APPROVED ESC PLAN MUST BE SUBMITTED IN THE FORM OF AN ACTION PLAN TO DEQ PER THE 1200 C PERMIT.
8. IN AREAS SUBJECT TO WIND EROSION, APPROPRIATE BMP'S MUST BE USED WHICH MAY INCLUDE THE APPLICATION OF FINE WATER SPRAYING, PLASTIC SHEETING, MULCHING, OR OTHER APPROVED MEASURES.
9. ALL EXPOSED SOILS MUST BE COVERED DURING THE WET WEATHER PERIOD.

BMP MATRIX FOR CONSTRUCTION PHASES

REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMP'S.

	CLEARING	MASS GRADING	UTILITY INSTALLATION	STREET CONSTRUCTION	FINAL STABILIZATION	WET WEATHER (OCT. 1-MAY 31ST)
EROSION PREVENTION						
PRESERVE NATURAL VEGETATION						
GRAVEL COVER						
HYDRAULIC APPLICATIONS						
PLASTIC SHEETING						
MATTING						
DUST CONTROL		X				X
TEMPORARY PERMANENT SEEDING					X	X
BUFFER ZONE						
OTHER:						
SEDIMENT CONTROL						
SEDIMENT FENCE/PERMETER	**X	X	X	X	X	X
SEDIMENT FENCE INTERIOR						
STRAW/WATTLE						
FILTER BARRIERS						
INLET PROTECTION	**X	X	X	X	X	X
SEDIMENT TRAP						
SEWER TRAP						
OTHER:						
RUN OFF CONTROL						
CONSTRUCTION ENTRANCE	**X	X	X	X	X	X
TIRE SUEDE SHOES						
OUTLET PROTECTION						
SURFACE ROUGHENING						
CHECK DAMS						
OTHER:						
POLLUTION PREVENTION						
PROPER BRUSHING	X	X	X	X	X	X
ENCLOSURE MAT	X	X	X	X	X	X
SPILL ON SITE	X	X	X	X	X	X
CONCRETE WASHOUT AREA	X	X	X	X	X	X
OTHER:						

** SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

RATIONALE STATEMENT

A COMPREHENSIVE LIST OF AVAILABLE BEST MANAGEMENT PRACTICES (BMP) OPTIONS BASED ON DEQ'S GUIDANCE MANUAL HAS BEEN REVIEWED TO COMPLETE THIS EROSION AND SEDIMENT CONTROL PLAN. SOME OF THE ABOVE LISTED BMP'S WERE NOT CHOSEN BECAUSE THEY WERE DETERMINED TO NOT EFFECTIVELY MANAGE EROSION PREVENTION AND SEDIMENT CONTROL FOR THIS PROJECT BASED ON SPECIFIC SITE CONDITIONS, INCLUDING SOIL CONDITIONS TOPOGRAPHIC CONSTRAINTS, ACCESSIBILITY TO THE SITE, AND OTHER RELATED CONDITIONS, AS THE PROJECT PROGRESSES AND THERE IS A NEED TO REVISE THE ESC PLAN, AN ACTION PLAN WILL BE SUBMITTED.

INITIAL

SHEET INDEX

EROSION AND SEDIMENT CONTROL PLANS

- EC1.0 EROSION AND SEDIMENT CONTROL COVER SHEET
- EC2.0 CLEARING AND DEMOLITION EROSION AND SEDIMENT CONTROL PLAN
- EC3.0 GRADING AND UTILITY CONSTRUCTION EROSION AND SEDIMENT CONTROL PLAN
- EC4.0 EROSION AND SEDIMENT CONTROL DETAILS

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REVISIONS:

REVISION	REVISIONS	REVISION DELTA
1	THIS SHEET	CLOSING DATE

**SHEET TITLE:
 EROSION AND SEDIMENT CONTROL COVER SHEET**

DRAWN BY: MAZ

CHECKED BY: RJH

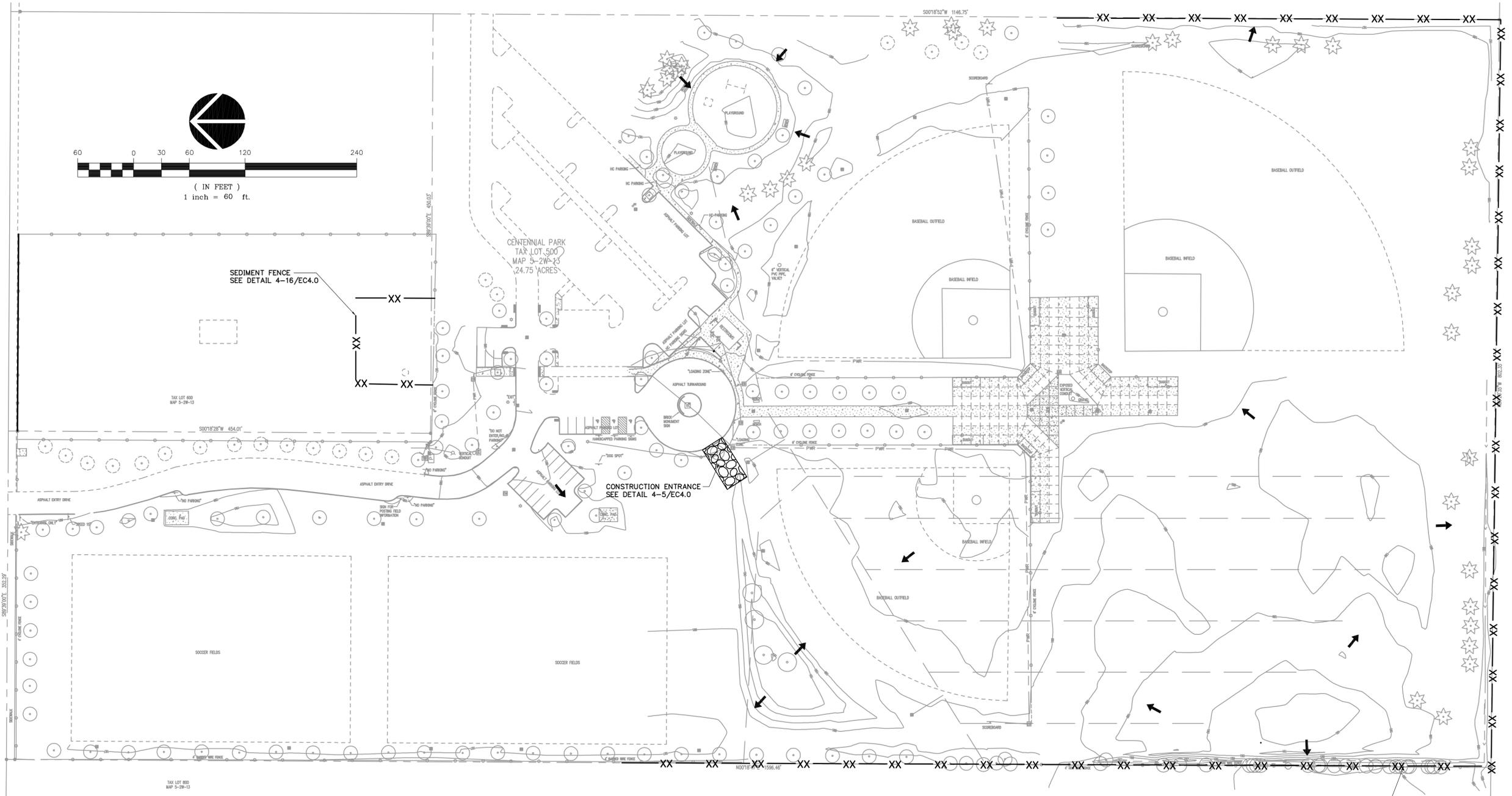
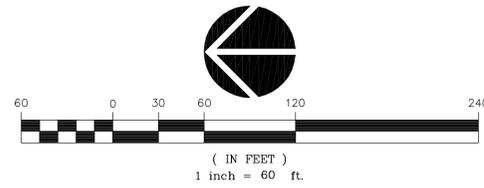
SHEET:

EC1.0

JOB NO. 2080437.00

100% SET - MARCH 8, 2009

PARR ROAD



PRE-CONSTRUCTION, CLEARING, AND DEMOLITION NOTES

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. SEDIMENT BARRIERS APPROVED FOR USE INCLUDE SEDIMENT FENCE, BERMS CONSTRUCTED OUT OF MULCH, CHIPPINGS, OR OTHER SUITABLE MATERIAL, STRAW WATTLES, OR OTHER APPROVED MATERIALS.
3. SENSITIVE RESOURCES INCLUDING, BUT NOT LIMITED TO, TREES, WETLANDS, AND RIPARIAN PROTECTION AREAS SHALL BE CLEARLY DELINEATED WITH ORANGE CONSTRUCTION FENCING OR CHAIN LINK FENCING IN A MANNER THAT IS CLEARLY VISIBLE TO ANYONE IN THE AREA. NO ACTIVITIES ARE PERMITTED TO OCCUR BEYOND THE CONSTRUCTION BARRIER.
4. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, STREET SWEEPING, AND VACUUMING, MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
5. RUN-ON AND RUN-OFF CONTROLS SHALL BE IN PLACE AND FUNCTIONING PRIOR TO BEGINNING SUBSTANTIAL CONSTRUCTION ACTIVITIES. RUN-ON AND RUN-OFF CONTROL MEASURES INCLUDE: SLOPE DRAINS (WITH OUTLET PROTECTION), CHECK DAMS, SURFACE ROUGHENING, AND BANK STABILIZATION.
6. CONTRACTOR SHALL ENSURE PROTECTION OF EXISTING TREES TO THE EXTENT SHOWN ON PLANS.

PRE-CONSTRUCTION, CLEARING, AND DEMOLITION NOTES

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6. CONTRACTOR SHALL ENSURE PROTECTION OF EXISTING TREES TO THE EXTENT SHOWN ON PLANS.

LEGEND

- XX — SEDIMENT BARRIER
- DRAINAGE FLOW DIRECTION
- CONSTRUCTION ENTRANCE

SEDIMENT FENCE
SEE DETAIL 4-16/EC4.0

GROUP MACKENZIE
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Project
**CENTENNIAL PARK
PHASE III**



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REVISIONS:

REVISION	REVISIONS DATE	REVISION DELTA CLOSING DATE

SHEET TITLE:
**CLEARING AND
DEMOLITION EROSION
AND SEDIMENT
CONTROL PLAN**

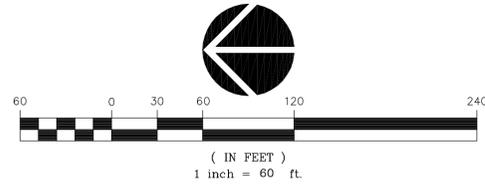
DRAWN BY: MAZ
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 SHEET:

EC2.0

JOB NO. **2080437.00**

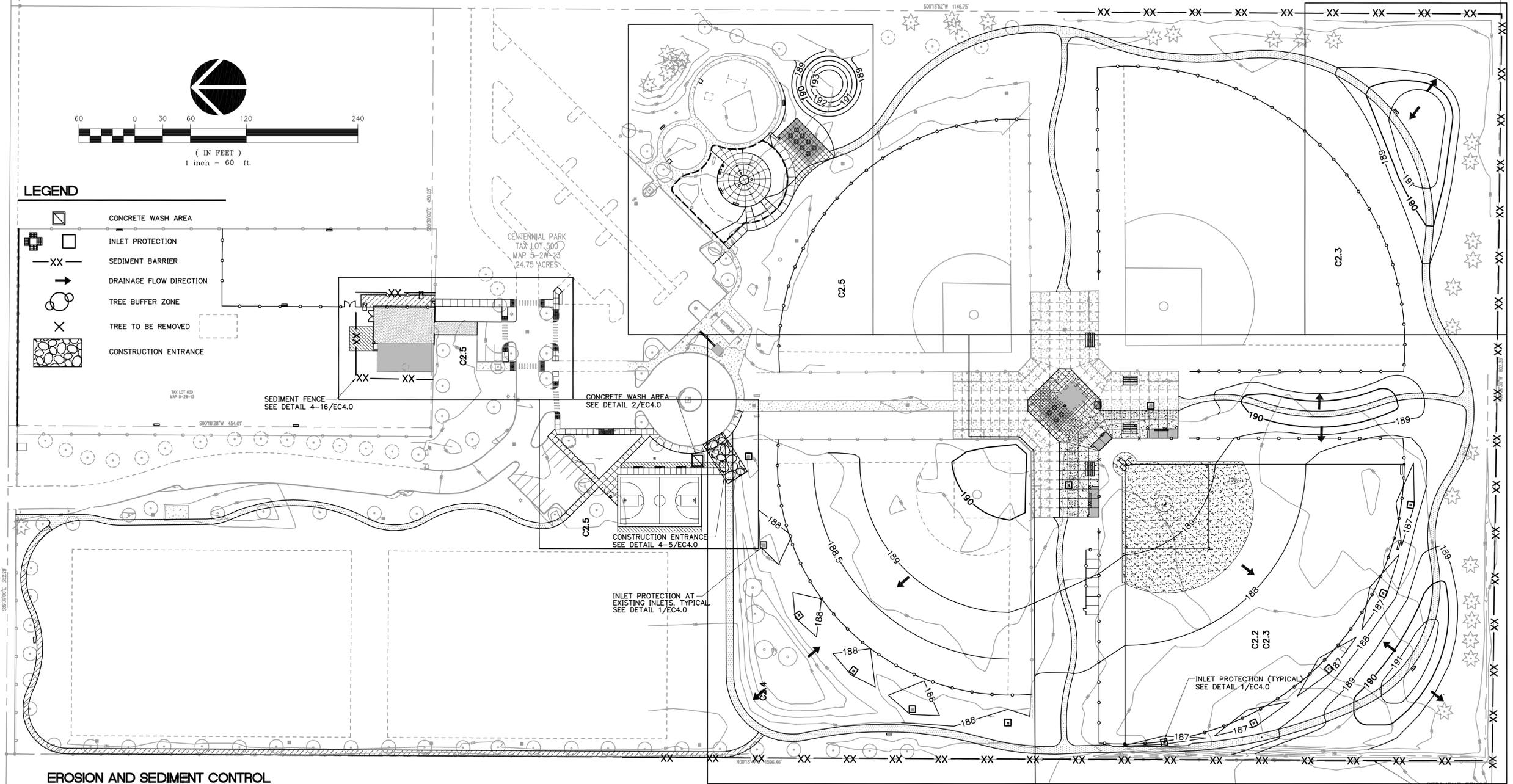
100% SET - MARCH 8, 2009

PARR ROAD



LEGEND

- CONCRETE WASH AREA
- INLET PROTECTION
- SEDIMENT BARRIER
- DRAINAGE FLOW DIRECTION
- TREE BUFFER ZONE
- TREE TO BE REMOVED
- CONSTRUCTION ENTRANCE



EROSION AND SEDIMENT CONTROL BMP IMPLEMENTATION

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. "STOCK PILE AREA 1" SHALL BE MOVED TO "STOCK PILE AREA 2" FOLLOWING THE EXCAVATION CUT ACTIVITIES.
3. THE "STAGING, EQUIPMENT MAINTENANCE, FUELING, PORTA-POTTY, AND SOLID WASTE AREA 1" SHALL BE MOVED TO "STAGING, EQUIPMENT MAINTENANCE, FUELING, PORTA-POTTY, AND SOLID WASTE AREA 2" FOLLOWING EXCAVATION "CUT" ACTIVITIES.
4. ALL "SEDIMENT BARRIERS (TO BE INSTALLED AFTER GRADING)" SHALL BE INSTALLED IMMEDIATELY FOLLOWING ESTABLISHMENT OF FINISHED GRADE AS SHOWN ON THESE PLANS.
5. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS BY OCTOBER 1.
6. THE STORM WATER FACILITY SHALL BE CONSTRUCTED AND LANDSCAPED PRIOR TO THE STORM WATER SYSTEM FUNCTIONING AND SITE PAVING.
7. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.

GENERAL NOTES

1. WITHIN AREAS OF PAVEMENT AND BUILDING, SITE PREPARATION AND COMPACTION SHALL BE DONE SO IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SITE GEOTECHNICAL REPORT, PREPARED BY GEODESIGN, INC, DATED OCTOBER 7, 2007.
2. NO TREES SHALL BE CUT DOWN, EXCEPT FOR THE (4) FOUR SHOWN. CONTRACTOR SHALL STAY CLEAR OF THE TREE BUFFER LIMITS SHOWN.
3. THE PROPERTY LINE SHALL SERVE AS THE LIMITS OF WORK WITH THE EXCEPTION OF THE TREE BUFFERS AND THE CREEK BUFFER ZONE SHOWN IN THE SOUTHEAST CORNER OF THE SITE.

GRADING, STREET, AND UTILITY EROSION AND SEDIMENT CONSTRUCTION NOTES

1. SEED USED FOR TEMPORARY OR PERMANENT SEEDING SHALL BE COMPOSED OF ONE OF THE FOLLOWING MIXTURES, UNLESS OTHERWISE AUTHORIZED:
 - A. DWARF GRASS MIX (MIN. 100 LB./AC.)
 - 1. DWARF PERENNIAL RYEGRASS (80% BY WEIGHT)
 - 2. CREEPING RED FESCUE (20% BY WEIGHT)
2. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCES RUN-OFF VELOCITY.
3. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
4. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
5. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. DURING "WET WEATHER" PERIODS, STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
6. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES EXCEEDING 25% MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
7. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
8. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
9. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
10. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
11. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORM WATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
12. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
13. AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM WATER SYSTEM.
14. USE BMPs SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
15. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.

GROUP MACKENZIE

Civil Engineering
Structural Engineering
Transportation Planning
Landscape Architecture

Interior Design
Land Use Planning

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Vancouver WA 360.696.7879
Seattle WA 206.749.9963

Project
**CENTENNIAL PARK
PHASE III**

WOODBURN
Incorporated 1889

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CONSTRUCTION**

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REVISIONS:

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SHEET TITLE:
**GRADING AND UTILITY
CONSTRUCTION
EROSION AND
SEDIMENT CONTROL
PLAN**

DRAWN BY: MAZ

CHECKED BY: RJH

SHEET:

EC3.0

JOB NO. **2080437.00**

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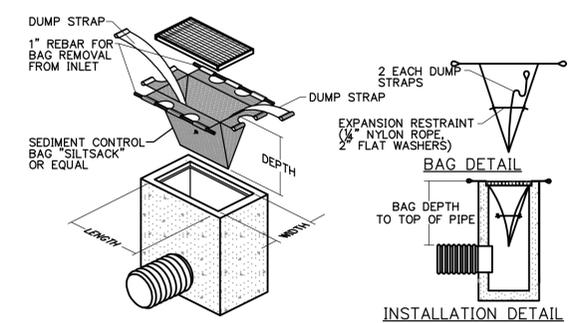
SHEET TITLE:
EROSION AND SEDIMENT CONTROL DETAILS

DRAWN BY: MAZ
 CHECKED BY: RJH
 SHEET:

EC4.0

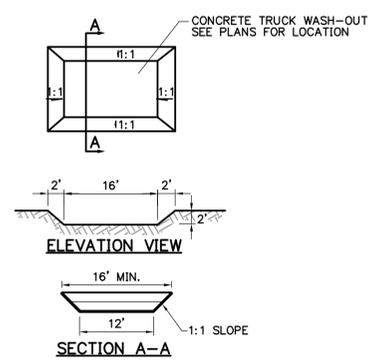
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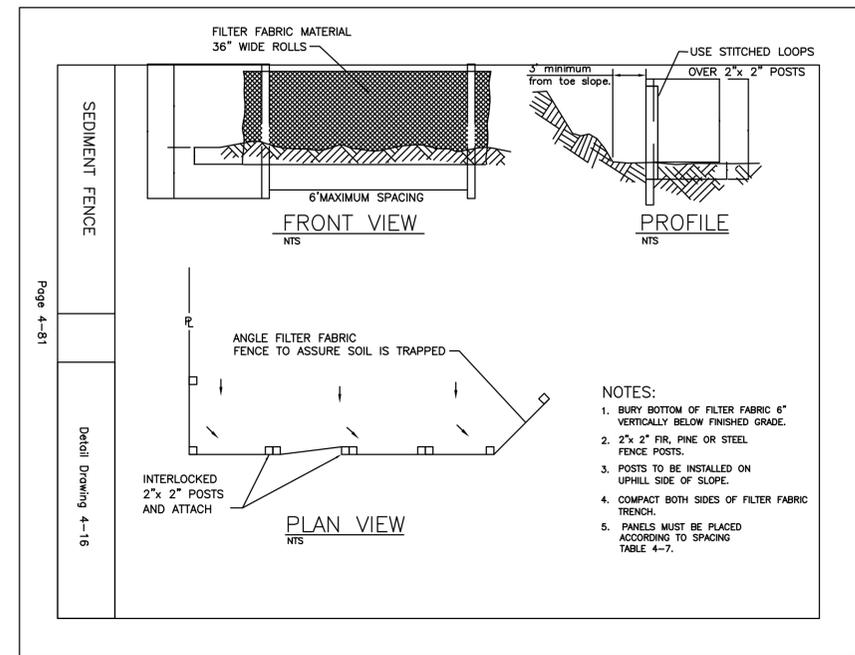
- NOTE:
1. THE DIMENSION CHART ABOVE IS FOR STANDARD CATCH BASINS AND INLETS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE CORRECT SIZE DEVICE FOR EACH INLET.
 2. THE CONTRACTOR SHALL MEASURE DIMENSIONS IN THE FIELD AND ORDER THE APPROPRIATE SIZE(S).
 3. THE INLET SEDIMENT CONTROL DEVICE SHALL BE OF REGULAR FLOW DESIGN (40 GAL/MIN/SP), AS PER THE MANUFACTURER'S SPECS.
 4. THE SEDIMENT CONTROL DEVICE SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED A MINIMUM ONCE PER MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT.
 5. SUBSTITUTION OF A SHEET OF FILTER FABRIC PLACED OVER THE OPENING OF THE INLET IS NOT APPROVED.

1 CATCH BASIN SEDIMENT FILTER BAG
 N.T.S. CBSACK3



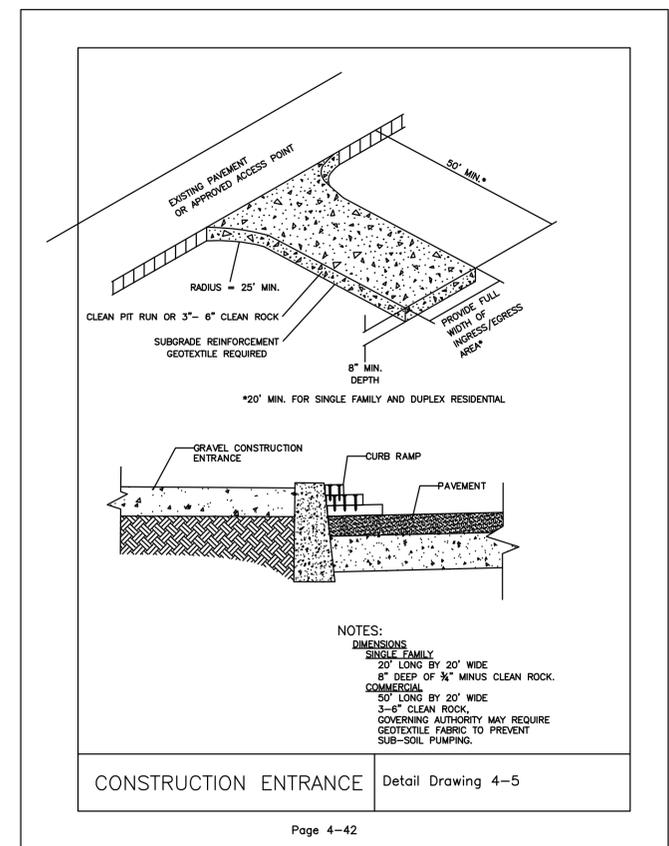
- NOTES:
1. CONCRETE WASHOUT AREA, LOCATED SO RUNOFF CANNOT ENTER STORM SYSTEM. IF WASH-OUT CANNOT BE LOCATED MINIMUM OF 50' FROM ENTRY TO STORM SYSTEM, THAN SECONDARY MEASURES SUCH AS BERMS AND TEMPORARY SETTLING PITS MAY BE REQUIRED.
 2. CONTRACTOR SHALL CLEAN OUT CONCRETE TRUCK WASH-OUT AREA WHEN WHEN DEPTH REACHES 1'.

2 CONCRETE WASH-OUT
 N.T.S. WASH-OUT 1:1



- NOTES:
1. BURY BOTTOM OF FILTER FABRIC 6\"/>
 2. 2\"/>
 3. POSTS TO BE INSTALLED ON UPHILL SIDE OF SLOPE.
 4. COMPACT BOTH SIDES OF FILTER FABRIC TRENCH.
 5. PANELS MUST BE PLACED ACCORDING TO SPACING TABLE 4-7.

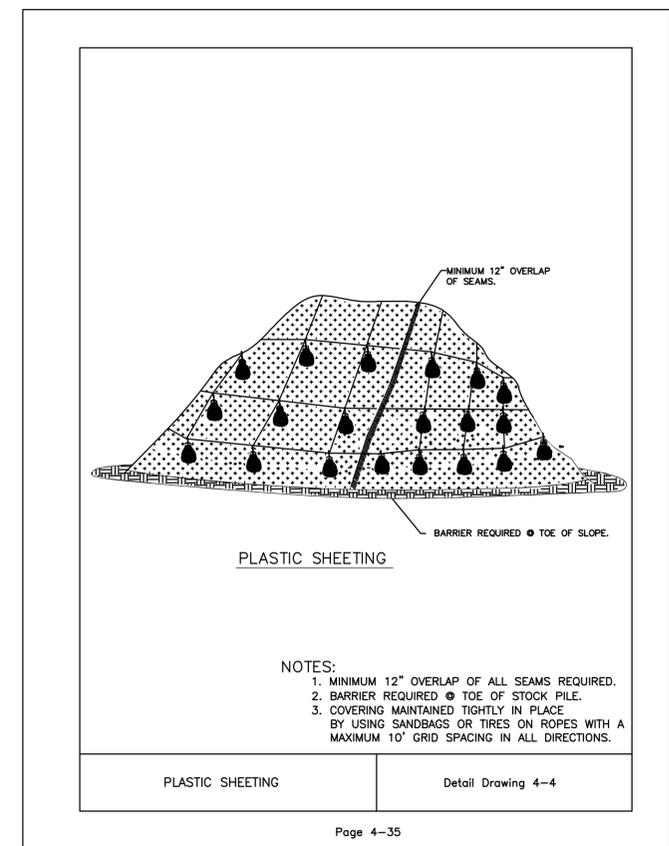
Page 4-81
 Detail Drawing 4-16



- NOTES:
- DIMENSIONS
- SINGLE FAMILY
 20' LONG BY 20' WIDE
 8\"/>
- COMMERCIAL
 30' LONG BY 20' WIDE
 3-6\"/>
- GOVERNING AUTHORITY MAY REQUIRE GEOTEXTILE FABRIC TO PREVENT SUB-SOIL PUMPING.

CONSTRUCTION ENTRANCE Detail Drawing 4-5

Page 4-42

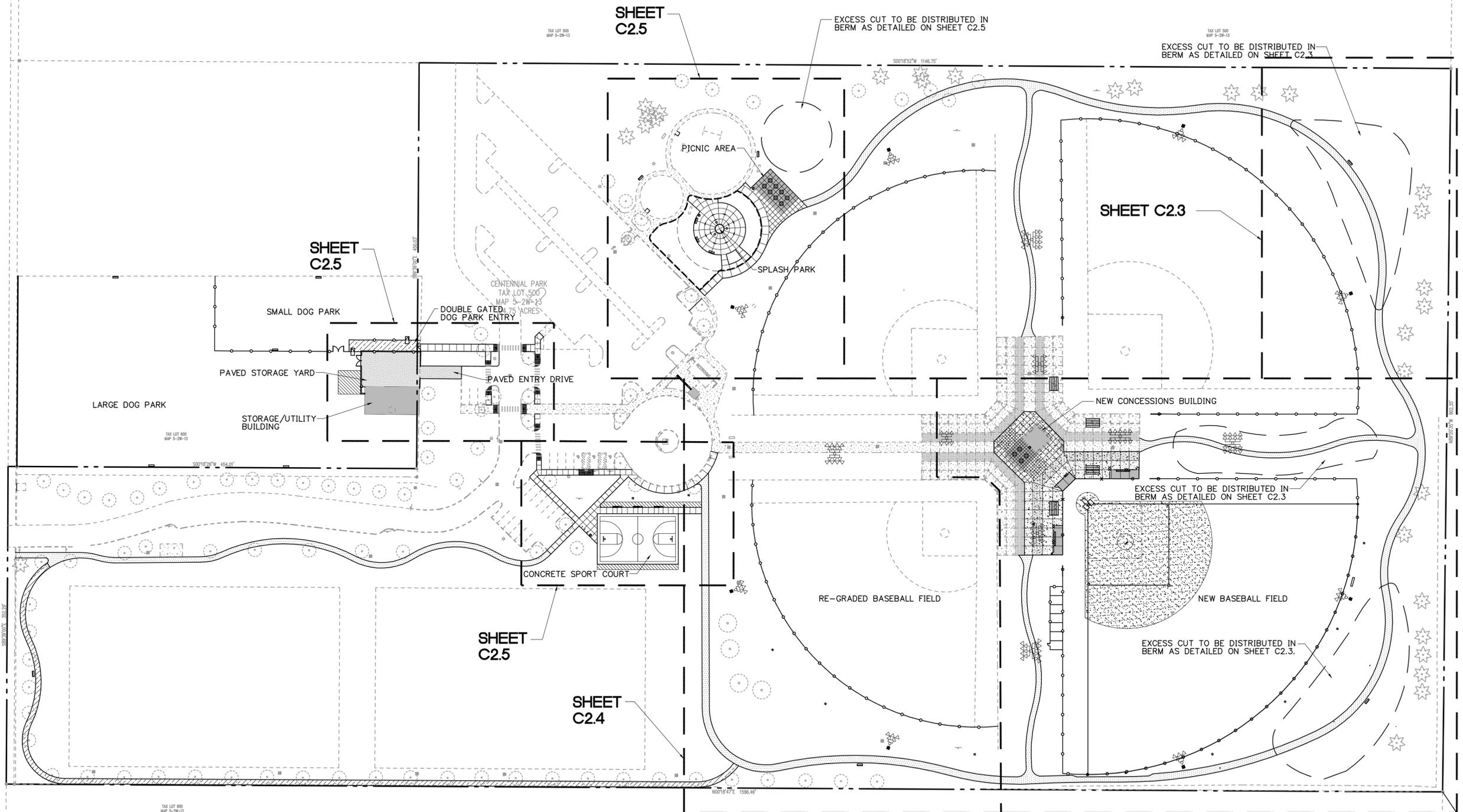


- NOTES:
1. MINIMUM 12\"/>
 2. BARRIER REQUIRED @ TOE OF STOCK PILE.
 3. COVERING MAINTAINED TIGHTLY IN PLACE BY USING SANDBAGS OR TIRES ON ROPES WITH A MAXIMUM 10' GRID SPACING IN ALL DIRECTIONS.

PLASTIC SHEETING Detail Drawing 4-4

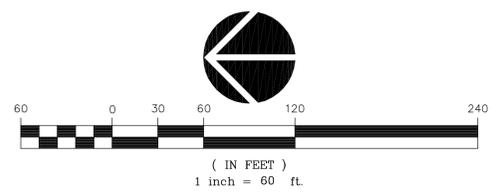
Page 4-35

PARR ROAD

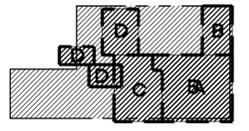


1
C2.1 OVERALL SITE PLAN
1"=60'

SHEETS C2.2
AND C2.3



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SHEET TITLE:
**OVERALL
 SITE PLAN**

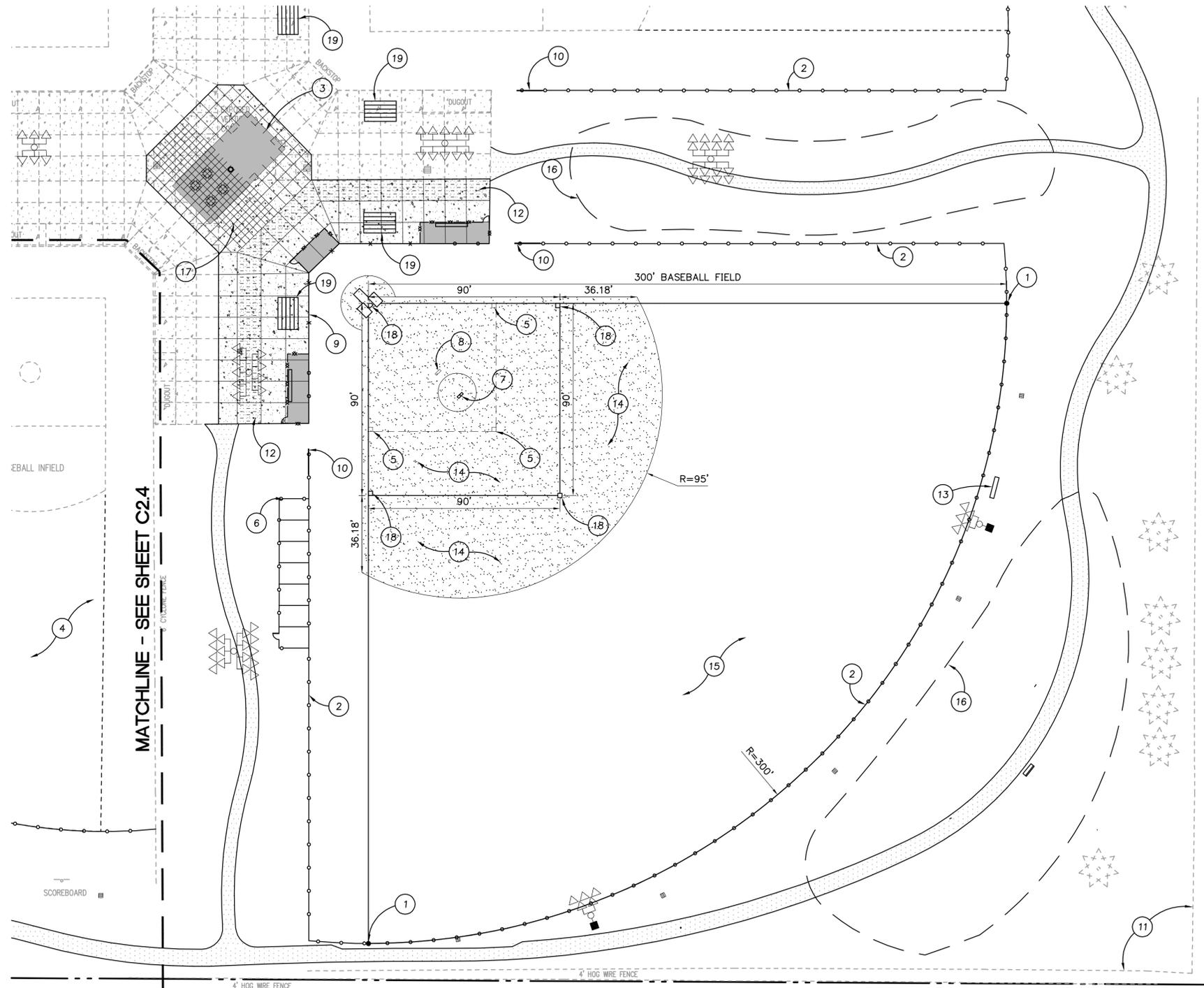
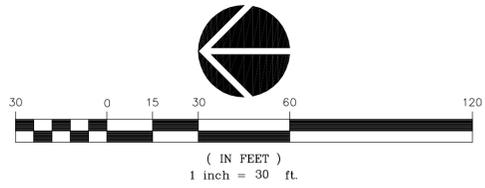
DRAWN BY: MAZ
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 SHEET:

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JOB NO. **2080437.00**

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 A SURVEY BY NORTHWEST SURVEYING, INC DATE: 01/13/09



GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF WOODBURN, AND THE CURRENT AMERICAN PUBLIC WORKS ASSOCIATION STANDARDS FOR PUBLIC WORKS CONSTRUCTION.
- THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES LAYING WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING, PROVIDING SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
- EFFECTIVE EROSION CONTROL IS REQUIRED. EROSION CONTROL DEVICES MUST BE INSTALLED AND MAINTAINED TO MEET THE GOVERNING JURISDICTION REQUIREMENTS. THE GOVERNING JURISDICTION MAY, AT ANY TIME, ORDER CORRECTIVE ACTION AND STOPPAGE OF WORK TO ACCOMPLISH EFFECTIVE EROSION CONTROL. SEE EROSION CONTROL PLANS.
- EFFECTIVE DRAINAGE CONTROL IS REQUIRED. DRAINAGE SHALL BE CONTROLLED WITHIN THE WORK SITE AND SHALL BE ROUTED SO THAT EXISTING IMPROVEMENTS, ADJACENT PRIVATE PROPERTY, PUBLIC PROPERTY, AND THE RECEIVING SYSTEM ARE NOT ADVERSELY IMPACTED. THE GOVERNING JURISDICTION MAY, AT ANY TIME, ORDER CORRECTIVE ACTION AND STOPPAGE OF WORK TO ACCOMPLISH EFFECTIVE DRAINAGE CONTROL.
- CONTRACTOR SHALL ADJUST ALL STRUCTURES IMPACTED BY CONSTRUCTION IMPROVEMENTS TO NEW FINISH GRADES.
- EXCAVATION: EXCAVATE FOR SLABS, PAVING, AND OTHER IMPROVEMENTS TO SIZES AND LEVELS SHOWN OR REQUIRED. ALLOW FOR FORM CLEARANCE AND FOR PROPER COMPACTION OF REQUIRED BACKFILLING MATERIAL. EXCAVATOR(S) MUST COMPLY WITH O.R.S. 757.541 THROUGH 757.571. EXCAVATOR(S) SHALL NOTIFY ALL UTILITY COMPANIES FOR LINE LOCATIONS SEVENTY-TWO (72) HOURS (MINIMUM) PRIOR TO START OF WORK. DAMAGE TO UTILITIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. (ONE CALL LOCATE UTILITY NOTIFICATION CENTER - PORTLAND METRO AREA 503-246-6699, OREGON 1-800-332-2344).
- WHERE CONNECTING TO AN EXISTING PIPE, AND PRIOR TO ORDERING MATERIALS, THE CONTRACTOR SHALL EXPOSE THE END OF THE EXISTING PIPE VERIFY THE LOCATION, SIZE, AND ELEVATION. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- REQUEST BY THE CONTRACTOR FOR CHANGES TO THE PLANS MUST BE APPROVED BY THE ENGINEER.
- ALL SITE FURNISHINGS INCLUDE ACCESSORIES NECESSARY TO INSTALL.
- ASPHALT PATH SECTION BASED ON MINIMAL USE BY CONSTRUCTION TRAFFIC. CONTRACTOR NOT TO USE PATHS FOR ACCESS.

KEYNOTES

- FOUL BALL POLE. SEE SPECIFICATIONS.
- FENCING. SEE LANDSCAPE PLANS.
- PROPOSED CONCESSION BUILDING. SEE LANDSCAPE PLANS.
- REGRADE/REPLACE EXISTING BASEBALL FIELD. SEE SHEET C2.4.
- INSTALL BASE ANCHOR FOUNDATIONS FOR 60' BASES. SEE SPECIFICATIONS.
- 70' X 14' BATTING CAGE. SEE LANDSCAPE PLANS.
- BASEBALL MOUND AND PITCHING RUBBER. SEE DETAIL 5/C8.1.
- SOFTBALL PITCHING RUBBER. SEE SPECIFICATIONS.
- BACKSTOP FENCING. SEE LANDSCAPE PLANS.
- 10' ROLLING GATE. SEE LANDSCAPE PLANS.
- EXISTING DITCH TO REMAIN
- COLOR CONCRETE. SEE LANDSCAPE PLANS.
- SCOREBOARD. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL PLANS AND SPECIFICATIONS.
- SKINNED INFIELD. SEE LANDSCAPE PLANS
- GRASS OUTFIELD. SEE LANDSCAPE PLANS
- BERM. SEE SHEET C2.3 FOR GRADING.
- NEW CONCRETE TO MATCH EXISTING. SEE DETAIL 3/C8.1 FOR SECTION. SEE LANDSCAPE PLANS FOR SCORING AND FINISH.
- INSTALL BASE ANCHOR FOUNDATIONS AND BASES WITH ANCHORS FOR 90' BASES. SEE SPECIFICATIONS.
- INSTALL BLEACHERS. SEE SPECIFICATIONS.

LEGEND

- PROPERTY LINE
- EXISTING CONCRETE AREA
- NEW CONCRETE AREA
- 6" OF COLORED STAMPED CONCRETE
- ASPHALT PATH. SEE DETAIL 6 AND 7/C8.1 AND LANDSCAPE PLANS
- CATCH BASIN. SEE DETAIL 4/C8.1.
- FIELD LIGHT AND JUNCTION BOX. SEE ELECTRICAL PLANS AND SPECIFICATIONS.

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SHEET TITLE:
**BASEBALL
 FIELD PLAN**

DRAWN BY: MAZ
 CHECKED BY: RJH
 SHEET:

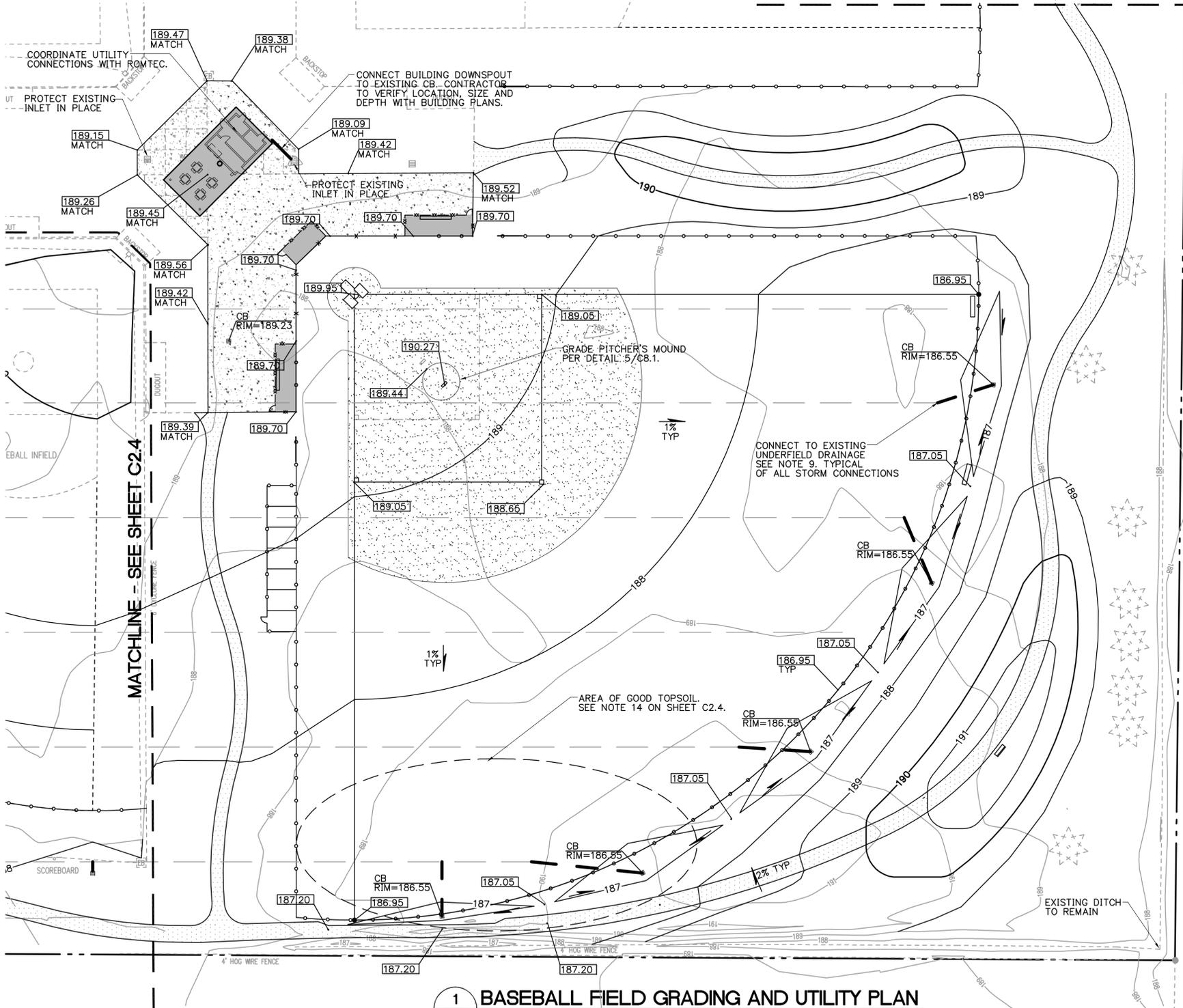
C2.2

JOB NO. **2080437.00**

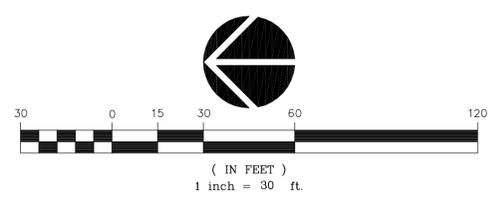
100% SET - MARCH 8, 2009

1 BASEBALL FIELD PLAN
 C2.2 1"=30'

MATCHLINE - SEE DETAIL 2/C2.3



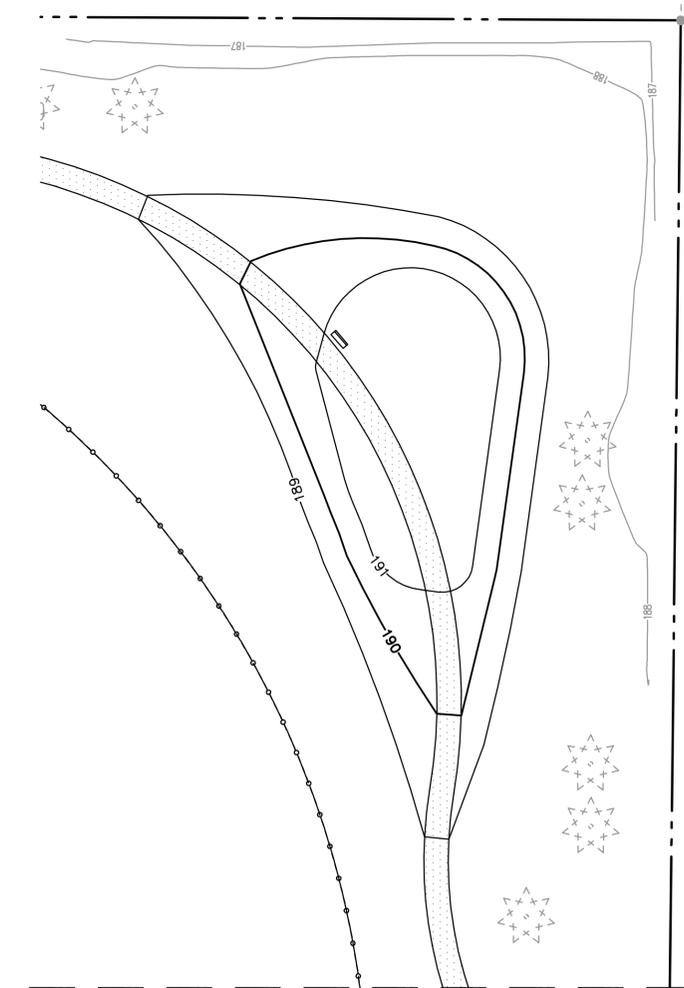
1 BASEBALL FIELD GRADING AND UTILITY PLAN
C2.3 1"=30'



SEE SHEET C2.4 FOR GRADING AND UTILITY NOTES

LEGEND

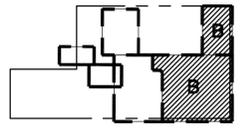
PROPERTY LINE	---
EXISTING UNDER FIELD DRAINAGE (APPROXIMATE LOCATION)	---
STORM SEWER LINE	---
SANITARY SEWER LINE	---
FIRE WATER LINE	---
DOMESTIC WATER LINE	---
EXISTING CATCH BASIN	■
PROPOSED CATCH BASIN	■
EXISTING CONTOUR	188
PROPOSED CONTOUR	191
SPOT ELEVATION	187.35



MATCHLINE - SEE DETAIL 1/C2.3

2 BERM AT SE FIELD
C2.3 1"=30'

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SHEET TITLE:
BASEBALL FIELD GRADING AND UTILITY PLAN

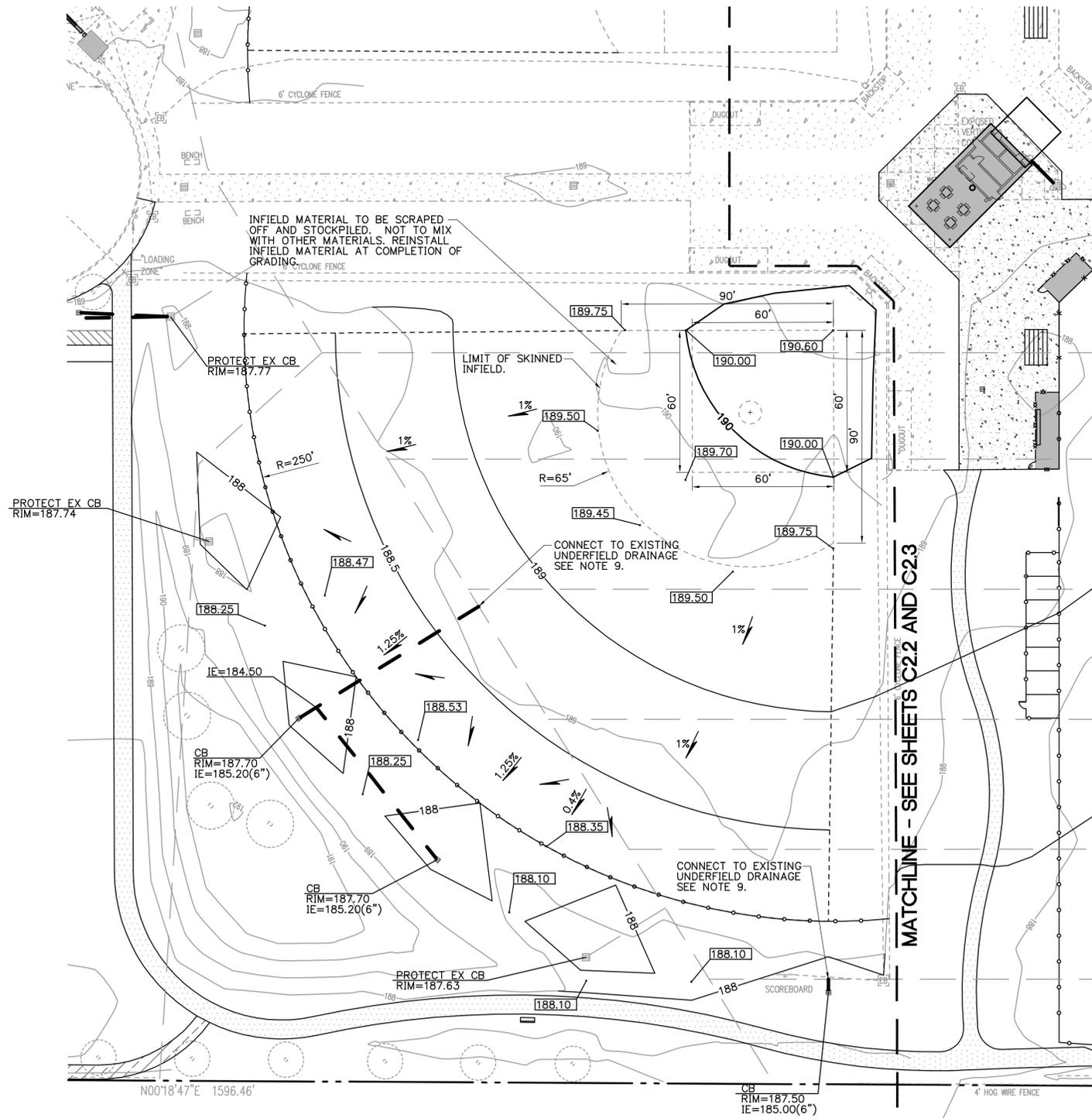
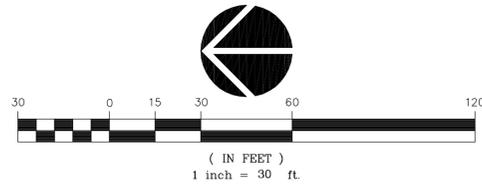
DRAWN BY: MAZ
 CHECKED BY: RJH
 SHEET:

C2.3

JOB NO. **2080437.00**

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1 BASEBALL FIELD GRADING AND UTILITY PLAN
C2.4 1"=30'

GRADING AND UTILITY NOTES

- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF WOODBURN, MARION COUNTY, AND THE CURRENT EDITION OF THE UNIFORM PLUMBING CODE AND THE INTERNATIONAL BUILDING CODE.
- THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES LAYING WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING, PROVIDING SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
- PROVIDE CLEANOUTS AS REQUIRED IN THE CURRENT UNIFORM PLUMBING CODE CHAPTER 7, SECTIONS 707 AND 719, AND CHAPTER 11, SECTION 1103.04. NOTE: NOT ALL REQUIRED CLEANOUTS ARE SHOWN ON THE PLANS.
- ALL STORM PIPING IS SIZED FOR A MANNING'S "N" VALUE = 0.013. ALL STORM PIPING IS DESIGNED USING CONCENTRIC PIPE TO PIPE AND WYE FITTINGS, UNLESS OTHERWISE NOTED.
- SEE BUILDING SPECIFICATIONS FOR UTILITIES LOCATED WITHIN THE BUILDING AND TO 5' OUTSIDE THE BUILDING.
- ALL DOWNSPOUT LEADERS TO BE 6" AT 2.0% MIN. UNLESS NOTED OTHERWISE.
- VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES BY POTHOLES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
- SEE BUILDING SPECIFICATIONS FOR PIPING WITHIN THE BUILDING AND UP TO 5' OUTSIDE THE BUILDING, INCLUDING ANY FOUNDATION DRAINAGE PIPING.
- THE SITE IS UNDERLAIN WITH A NETWORK OF 4, 6, AND 8 INCH HDPE PERFORATED DRAIN LINES AS REPRESENTED ON THE PLAN. THE EXACT LOCATION AND DEPTH OF THE LINES IS NOT KNOWN. IF THESE LINES ARE ENCOUNTERED, DURING EXCAVATION, NOTIFY THE ENGINEER SO GRADES CAN BE ADJUSTED. THESE EXISTING DRAIN LINES WILL BE USED TO TRANSPORT SURFACE WATER FROM AREAS REMOVED FROM PROPOSED STORM DRAIN SYSTEM. THE EXISTING UNDERFIELD DRAINAGE HAS BEEN SHOWN ON THE PLANS AS SCALED OFF DESIGN DRAWINGS FROM THE PROJECT'S PREVIOUS PHASE. CONTRACTOR TO EXCAVATE AND LOCATE EXISTING LINES IN VICINITY OF ALL CONNECTION POINTS. LINES ESTIMATED TO BE 8' TO 10' DEEP.
- ROUGH GRADING: BRING ALL FINISH GRADES TO APPROXIMATE LEVELS INDICATED. WHERE GRADES ARE NOT OTHERWISE INDICATED, FINISH GRADES ARE TO BE THE SAME AS ADJACENT SIDEWALKS, CURBS, OR THE OBVIOUS GRADE OF ADJACENT STRUCTURE. GRADE TO UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE GRADES ARE GIVEN. ROUND OFF SURFACES, AVOID ABRUPT CHANGES IN LEVELS. ROUGH GRADE TO ALLOW FOR DEPTH OF CONCRETE SLABS, WALKS, AND THEIR BASE COURSES. GRADE FOR PAVED DRIVES AND PAVED PARKING AREAS AS INDICATED AND SPECIFIED HEREIN, AND PROVIDE FOR SURFACE DRAINAGE AS SHOWN, ALLOWING FOR THICKNESS OF SURFACING MATERIAL.
 FINISH GRADING: AT COMPLETION OF JOB AND AFTER BACKFILLING BY OTHER CRAFTS HAS BEEN COMPLETED, REFILL AND COMPACT AREAS WHICH HAVE SETTLED OR ERODED TO BRING TO FINAL GRADES.
 GRADING TOLERANCES:
 ROUGH GRADE AT PAVED OR LANDSCAPED AREAS: ±0.1 FT.
 FINISH GRADE PRIOR TO PLACING FINAL SURFACING: ±0.03 FT.
- EXCAVATION: EXCAVATE FOR SLABS, PAVING, AND OTHER IMPROVEMENTS TO SIZES AND LEVELS SHOWN OR REQUIRED. ALLOW FOR FORM CLEARANCE AND FOR PROPER COMPACTION OF REQUIRED BACKFILLING MATERIAL. EXCAVATOR(S) MUST COMPLY WITH O.R.S. 757.541 THROUGH 757.571; EXCAVATOR(S) SHALL NOTIFY ALL UTILITY COMPANIES FOR LINE LOCATIONS 72 HOURS (MINIMUM) PRIOR TO START OF WORK. DAMAGE TO UTILITIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- EFFECTIVE EROSION CONTROL IS REQUIRED. SEE EROSION CONTROL PLANS. EROSION CONTROL DEVICES MUST BE INSTALLED AND MAINTAINED MEETING THE GOVERNING JURISDICTION REQUIREMENTS. THE GOVERNING JURISDICTION MAY, AT ANY TIME, ORDER CORRECTIVE ACTION AND STOPPAGE OF WORK TO ACCOMPLISH EFFECTIVE EROSION CONTROL.
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- SITE TOPSOIL SHALL BE STOCKPILED DURING CONSTRUCTION AND USED FOR LANDSCAPING. CONTRACTOR TO COORDINATE WITH RON PALMER (CITY OF WOODBURN MAINTENANCE) AND RON WILL MARK OUT A FILL AREA OF GOOD TOPSOIL TO BE STOCKPILED AND USED FOR THE TOP LAYER OF THE ENTIRE FIELD. TOPSOIL MUST MEET DEFINITION NOTED IN TOPSOIL SPECIFICATION SECTION.
- THE SURVEY INFORMATION SHOWN AS A BACKGROUND SCREEN ON THIS SHEET IS BASED ON A SURVEY BY NORTHWEST SURVEYING, INC DATED NOVEMBER 26, 2008, AND IS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS WITH HIS OWN RESOURCES PRIOR TO START OF ANY CONSTRUCTION.
- CONTRACTOR TO COORDINATE GRADES AT ENTRANCE WITH BUILDING AND LANDSCAPE PLANS PRIOR TO CONSTRUCTION.
- 5% MAX SLOPE (EXCLUDING RAMPS) AT PEDESTRIAN SIDEWALK CONNECTIONS BETWEEN PUBLIC R.O.W. AND BUILDING ENTRANCES.
- 2% MAXIMUM SLOPE AT ALL HANDICAP PARKING SPACES.
- GRADE TO ENSURE POSITIVE DRAINAGE TO EXISTING AND PROPOSED INLETS.
- BASES AND SLEEVES TO BE SALVAGED. REPLACE AFTER GRADING COMPLETE.

LEGEND

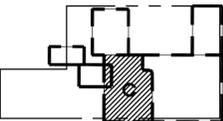
PROPERTY LINE	---
EXISTING UNDER FIELD DRAINAGE (APPROXIMATE LOCATION)	---
STORM SEWER LINE	---
SANITARY SEWER LINE	---
FIRE WATER LINE	---
DOMESTIC WATER LINE	---
EXISTING CATCH BASIN	■
PROPOSED CATCH BASIN	■
EXISTING CONTOUR	-188-
PROPOSED CONTOUR	-191-
SPOT ELEVATION	187.35

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REVISIONS:

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NO.	DESCRIPTION	THIS SHEET	

SHEET TITLE:
NORTH BASEBALL FIELD GRADING AND UTILITY PLAN -ALTERNATE A2

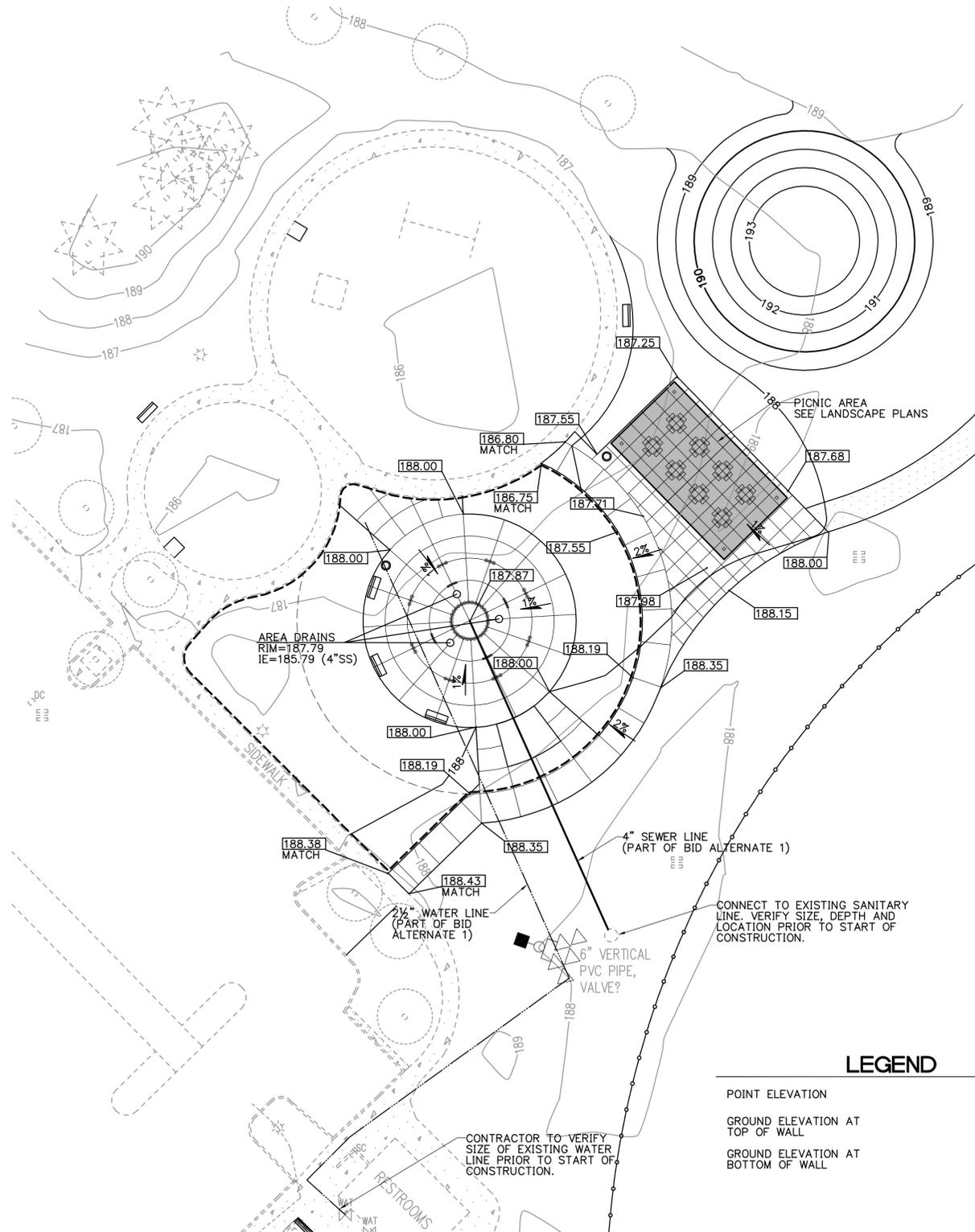
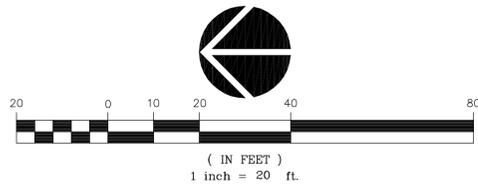
DRAWN BY: MAZ
 CHECKED BY: RJH
 SHEET:

C2.4

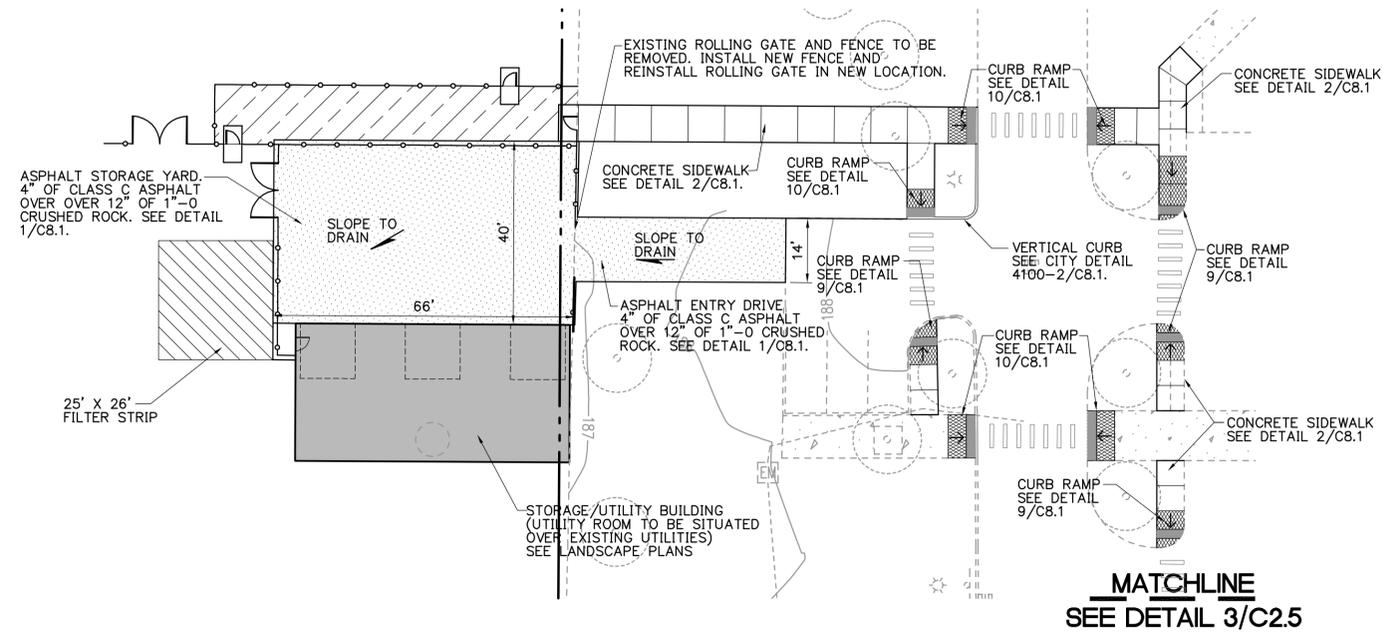
JOB NO. **2080437.00**

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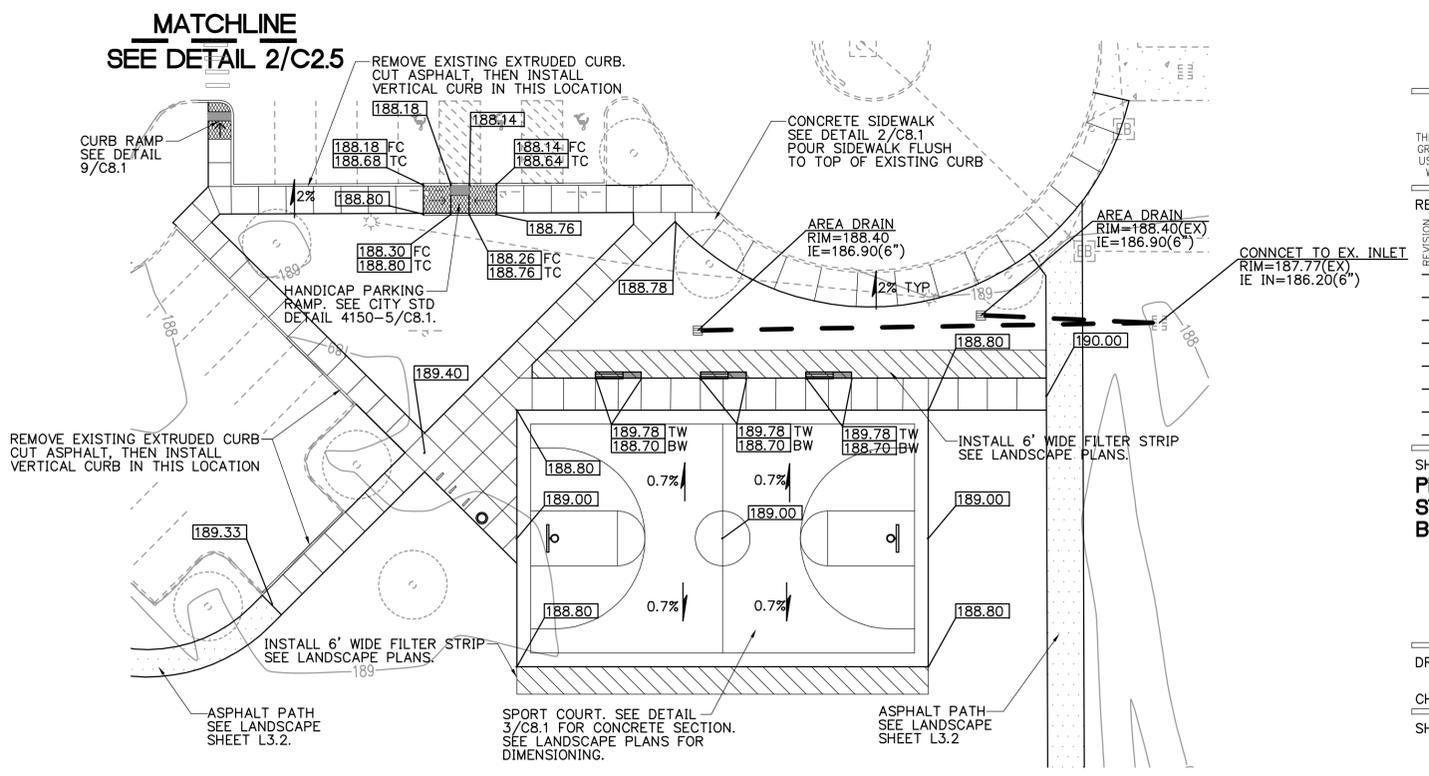
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1
C2.5 **PICNIC AREA**
1"=20'
1:1

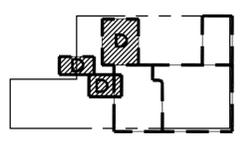


2
C2.5 **STORAGE BUILDING PLAN**
1"=20'
1:1



3
C2.5 **BASKETBALL COURT PLAN**
1"=20'
1:1

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REVISIONS:

NO.	REVISIONS	DATE	REVISIONS	DELTA	CLOSING DATE

SHEET TITLE:
**PICNIC AREA
STORAGE AND
BASKETBALL PLAN**

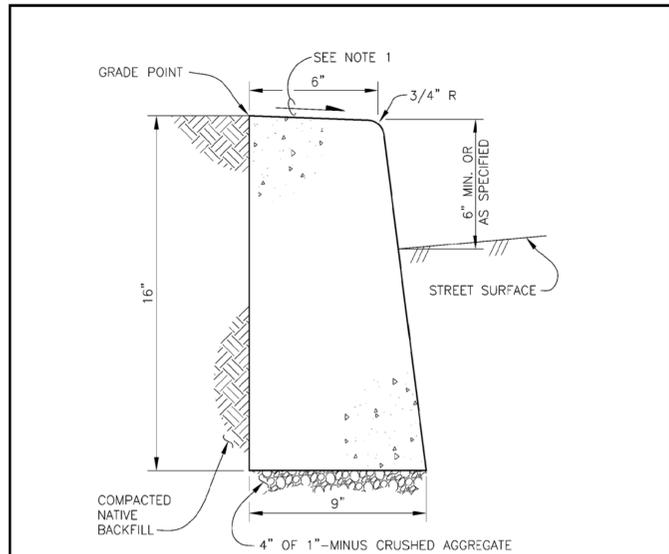
DRAWN BY: MAZ
CHECKED BY: RJH
SHEET:

C2.5

JOB NO. **2080437.00**

100% SET - MARCH 8, 2009

THE SURVEY INFORMATION SHOWN AS A BACKGROUND SCREEN ON THIS SHEET IS SHOWN FOR REFERENCE ONLY AND IS BASED ON A SURVEY BY: NORTHWEST SURVEYING, INC DATE: 01/13/09

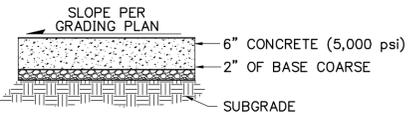


- NOTES:**
1. SLOPE CURB 0.02 FT/FT TO CURB FACE.
 2. MATERIAL - 3500 PSI CONCRETE AT 28 DAYS.
 3. REFERENCE TECHNICAL SPEC. SECTIONS 2000, 2300 AND 4100.
 4. PLACE CONTRACTION JOINTS AT 15' MAX. INTERVALS AND SHALL EXTEND AT LEAST 50% THROUGH CURB.

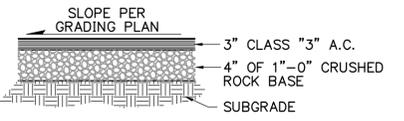
WOODBURN
INCORPORATED 1889
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TYPE 'C' CURB

REV: DEC. 2007
SCALE: NTS
DET No.
4100-2

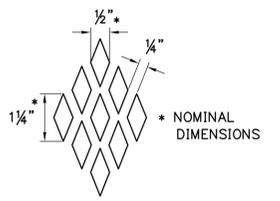


3 CONCRETE PAVEMENT SECTION
C8.1 N.T.S. CONCPAVE



- NOTE:**
1. ALTERNATE ASPHALT PATH SECTION TO BE USED ONLY IN AREAS WHERE NO EQUIPMENT WILL BE ON PATH. CONTRACTOR AND OWNER TO AGREE ON AREAS TO USE ALTERNATE SECTION PRIOR TO CONSTRUCTION.

7 ALTERNATE ASPHALT PATH SECTION
C8.1 N.T.S.



CONCRETE TEXTURING

- NOTES:**
1. TEXTURING IS TO BE DONE WITH AN EXPANDED METAL GRATE PLACED AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN AS SHOWN. THE LONG AXIS OF THE DIAMOND PATTERN SHALL BE PERPENDICULAR TO THE CURB. GROOVES SHALL BE 1/8" DEEP AND 1/4" WIDE.

8 TACTILE WARNING SURFACE
C8.1 N.T.S. TACTILE-DIAMOND

TRUNCATED DOME PATTERN

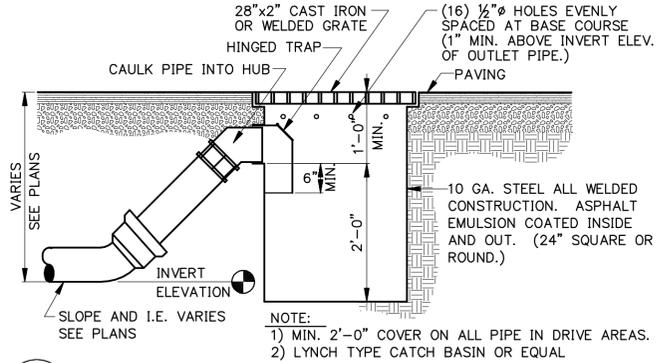
NOTES:

1. TRUNCATED DOME PATTERN SHALL BE 2" DEEP. WIDTH VARIES (4' MINIMUM).
2. REFERENCE TECHNICAL SPEC. SECTION 4150.
3. TRUNCATED DOME TO BE SAFETY YELLOW OR APPROVED OTHERWISE.
4. COMPLY WITH CURRENT ADA STANDARDS.
5. MATERIAL - 3500 PSI CONCRETE AT 28 DAYS.

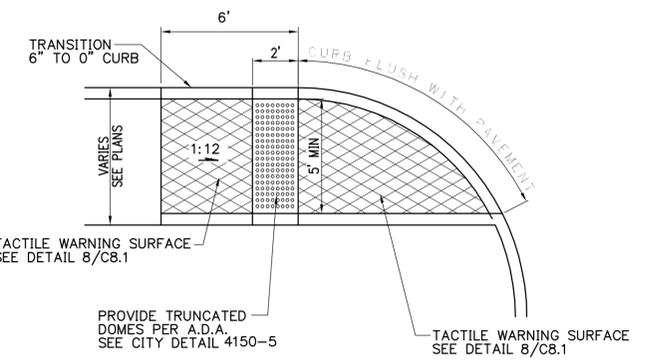
WOODBURN
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ENGINEERING DIVISION

ADA RAMP AT CURBSIDE SIDEWALK

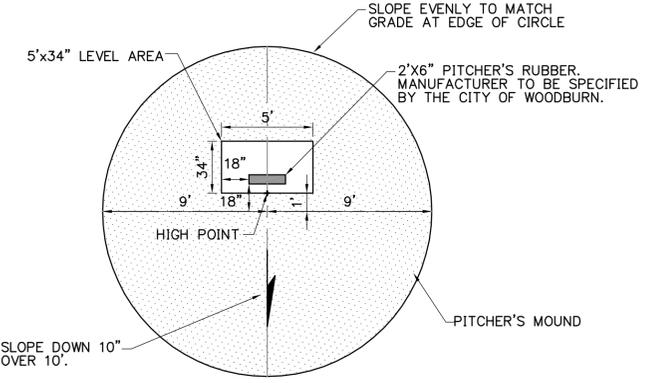
REV: DEC. 2007
SCALE: NTS
DET No.
4150-5



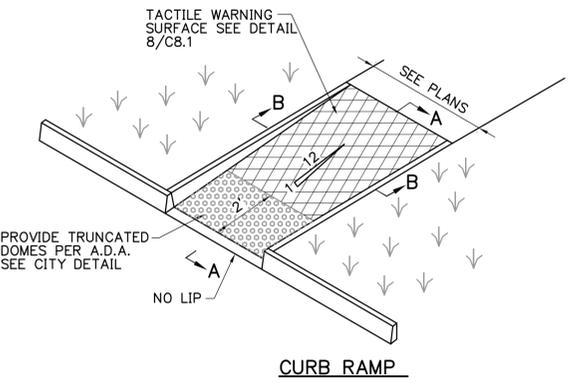
4 CATCH BASIN
C8.1 N.T.S. LYNCH STYLE C-BASIN



9 CORNER CURB RAMP (LARGE RADIUS)
C8.1 N.T.S. CURBRAMP-CORNER1

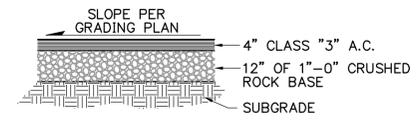


5 BASEBALL MOUND + PITCHING RUBBER
C8.1 N.T.S.

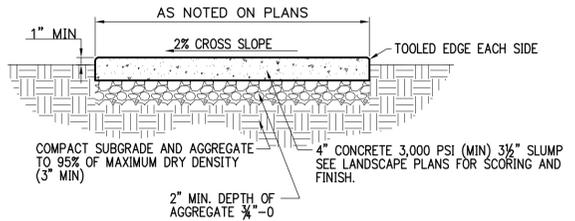


- NOTES:**
1. RAMP TO BE MAX. 1:12 SLOPE.
 2. RAMPS TO BE CONSTRUCTED SEPARATELY, AND ISOLATED BY EXPANSION JOINT MATERIAL.
 3. SEE STANDARD LANDING CROSS SECTION DETAIL FOR SECTIONS A-A AND B-B.

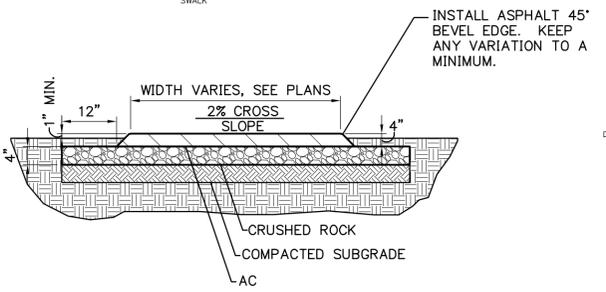
10 SQUARE CURB RAMP
C8.1 N.T.S. 12-1RAMP-1



1 AC PAVEMENT SECTION
C8.1 N.T.S. AC-PAVE

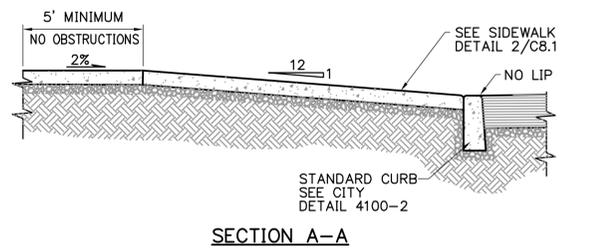


2 CONCRETE SIDEWALK
C8.1 N.T.S. SIDEWALK

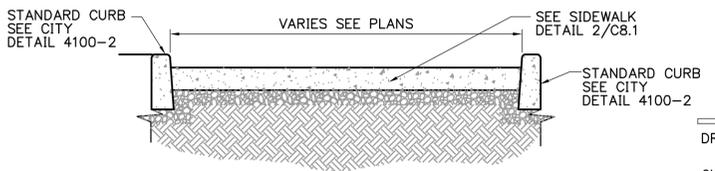


- NOTE:**
1. CONTRACTOR TO INSURE THAT A MINIMUM OF 30" CLEARANCE BE MAINTAINED AT OBSTACLES.
 2. REFER TO DETAIL 1/C8.1 FOR DEPTHS OF PAVEMENT.
 3. SEE DETAIL 7/C8.1 FOR POSSIBLE ALTERNATE ASPHALT PATH SECTION.

6 ASPHALT PATH
C8.1 N.T.S. CONCPAVE



SECTION A-A



SECTION B-B

GROUP MACKENZIE

Architecture
 Interior Design
 Land Use Planning
 Structural Engineering
 Transportation Planning
 Landscape Architecture

Vancouver WA 360.696.7879
 Portland OR 503.224.9560
 Seattle WA 206.749.9963

Project
CENTENNIAL PARK PHASE III

WOODBURN
INCORPORATED 1889

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REVISIONS:

NO.	REVISIONS	REVISION DATE	DELTA CLOSING DATE

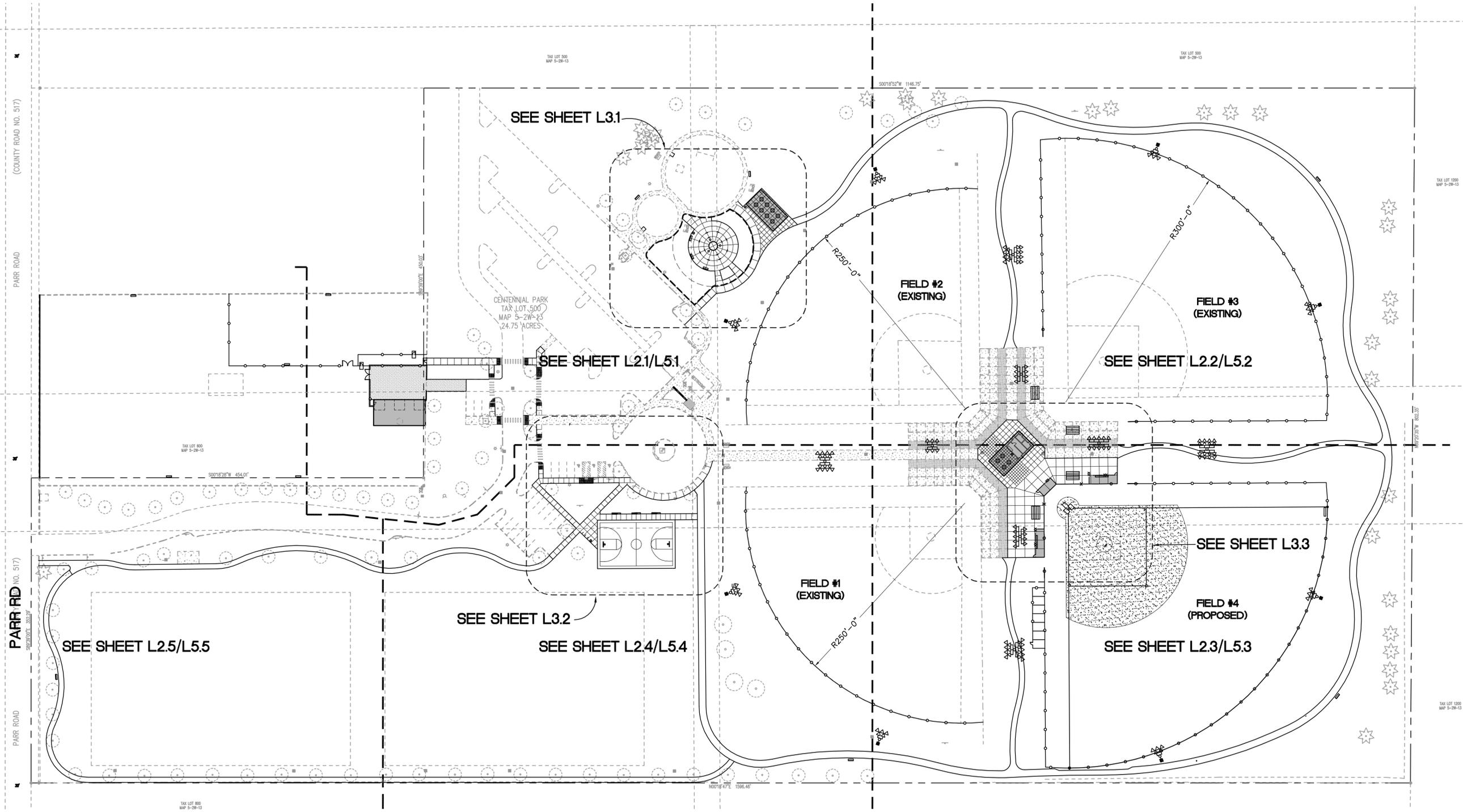
SHEET TITLE: DETAIL SHEET

DRAWN BY: MAZ
CHECKED BY: RJH
SHEET:

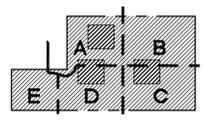
C8.1

JOB NO. 2080437.00

100% SET - MARCH 8, 2009



GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Vancouver WA 360.696.7879
 Seattle WA 206.749.9993



Project
**CENTENNIAL PARK
 PHASE III**

 Incorporated 1889

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REVISIONS:

REVISION NO.	REVISIONS THIS SHEET	REVISION CLOSING DATE	DELTA

SHEET TITLE:
**OVERALL
 SITE PLAN**

DRAWN BY: TMK
 CHECKED BY: DKJ
 SHEET:

L2.0

JOB NO. **2080437.00**



100% SET - MARCH 8, 2009

GENERAL NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
- EXISTING TREES TO REMAIN SHOWN ON PLANS IN DASHED LINE SYMBOLS. PROTECT PER D1.1 AND SECTION 01 15 33.
- SEE SURVEY SHEETS FOR EXISTING IMPROVEMENTS. ON SHEET D1.1, SURVEYED WORK IS DEPICTED IN SOLID LINES; NON-SURVEYED SITE INFORMATION IS SHOWN IN DASHED LINES FOR REFERENCE ONLY. ON ALL OTHER SHEETS, BOTH SURVEYED AND NON-SURVEYED EXISTING SITE IMPROVEMENTS ARE SHOWN WITH DASHED LINES; PROPOSED IMPROVEMENTS ARE SHOWN WITH SOLID LINES.
- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.

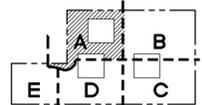
CURVE DATA TABLE 'A'

ITEM	RADIUS	LENGTH	DELTA
A	80.00'	72.74'	41° 5' 39"
B	98.00'	71.83'	41° 59' 41"
C	190.00'	263.88'	79° 34' 33"

KEY NOTES

ITEM	NOTE	REFERENCE
PA	PLANTING AREA	PLANTING
1	CONCRETE PAVING, STANDARD	1,2,3/L8.1
2	CONCRETE PAVING, INTEGRAL COLOR 1	1,2,3/L8.1 SPECS.
3	CONCRETE PAVING ABUTTING EXISTING CONCRETE	4/L8.1
4	CONCRETE PAD AT GATE	3/L8.2
5	TRANSITION RAMP AT WOOD CHIP SURFACING	6/L8.1
6	WOOD CHIP PATH	5/L8.1
7	SPORT COURT	10/L8.1
8	SKINNED INFIELD	PLANTING
9	CROSSWALK STRIPING	4/L8.2
10	6' HT. FENCE	1,2/L8.2 SPECS.
11	8' HT. FENCE	1,2/L8.2 SPECS.
12	12' HT. FENCE	1,2/L8.2 SPECS.
13	20' HT. FENCE	1,2/L8.2 SPECS.
14	10' WIDE ROLLING GATE	1,2/L8.2 SPECS.
15	3' WIDE SWING GATE TO MATCH RESPECTIVE FENCE HT.	1,2/L8.2 SPECS.
16	EXISTING 12' ROLLING GATE, RELOCATED	1,2/L8.2 SPECS.
17	CONCRETE WALL WITH BENCH	7/L8.1
18	EXISTING UTILITIES TO REMAIN, PROTECT IN PLACE CONTRACTOR TO FIELD VERIFY LOCATION	N/A
19	PROVIDE 6' WIDE OPENING IN EXISTING FENCE	N/A
20	PROPOSED ASPHALT PATH TO MEET EXISTING CONCRETE SIDEWALK	N/A
21	EXISTING CONCRETE PAD TO REMAIN	N/A
22	ALIGN SIDEWALK JOINTS WITH WALL EDGE AND CENTER, TYP.	N/A
23	ALIGN JOINT THROUGH ADJACENT PAVEMENT OR CURB	N/A
24	6' WIDE DOUBLE SWING GATE	1,2/L8.2 SPECS.
25	BATTING CAGE	1,2/L8.2 SPECS.
26	BATTING CAGE ROOF	1,2/L8.2 SPECS.
27	DUGOUT/STORAGE	SPECS.
28	DUGOUT/STORAGE ROOF SEE SPEC. SECTION 32 31 13	SPECS.

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
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 Seattle WA 206.749.9993
 Portland OR 503.224.8560



KEY MAP

Project
CENTENNIAL PARK PHASE III



NOT FOR CONSTRUCTION

SITE FURNISHINGS + STRUCTURES SCHEDULE

ITEM	NOTE	REFERENCE
1	BENCH, TYPE 1	SPECS.
2	BENCH, TYPE 2	SPECS.
3	BIKE RACK	SPECS.
4	PICNIC TABLE ALIGN CENTER POST WITH SCORE JOINTS	SPECS.
5	BASKETBALL GOAL	SPECS.
6	RESTROOM/CONCESSIONS BUILDING	SPECS.
7	PICNIC SHELTER	SPECS.
8	KIOSK	SPECS.
9	MAINTENANCE BUILDING - CONCRETE FOOTING PER MANUFACTURER'S RECOMMENDATIONS.	SPECS.
10	BLEACHER	SPECS.
11	PLAYERS BENCH, CENTER ALONG FENCE	SPECS.
12	DRINKING FOUNTAIN	SPECS.
13	TRASH RECEPTACLE	SPECS.

PLAN NOTES

ITEM	NOTE	REFERENCE
A	MAINTENANCE BUILDING ENTRY	CIVIL
B	CONCRETE CURB	CIVIL
C	ADA RAMP	CIVIL
D	NEW FIELD #4	CIVIL
E	ASPHALT PATH	CIVIL
F	NO IMPROVEMENTS TO EXISTING SOCCER FIELDS SEE ELEC. SHEET FOR PROPOSED CONDUIT	ELECTRICAL

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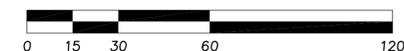
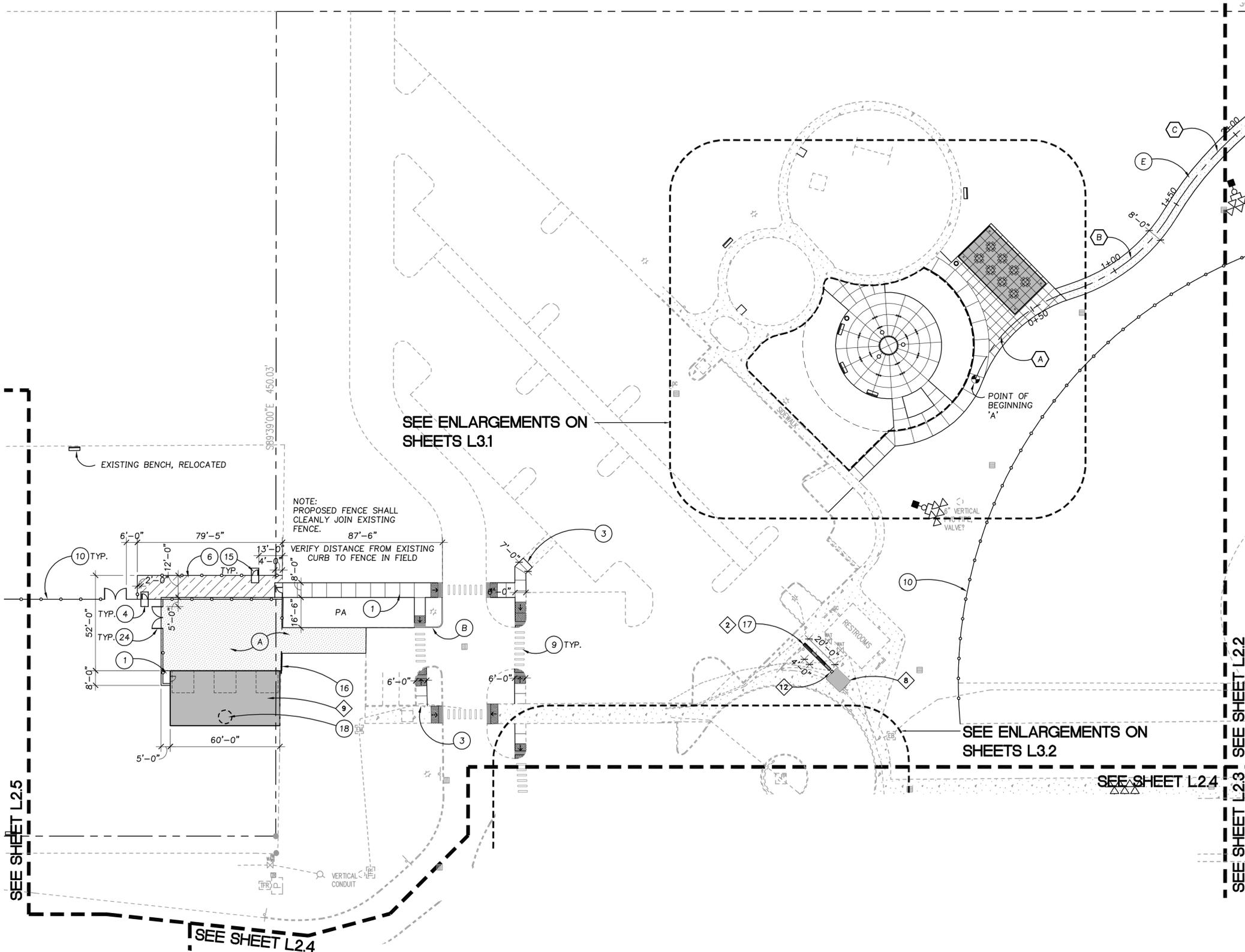
REVISION	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

SHEET TITLE:
MATERIALS AND LAYOUT PLAN 'A'

DRAWN BY: TMK
 CHECKED BY: DKJ
 SHEET:

L2.1

JOB NO. **2080437.00**



100% SET - MARCH 8, 2009



GENERAL NOTES

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CURVE DATA TABLE 'A'

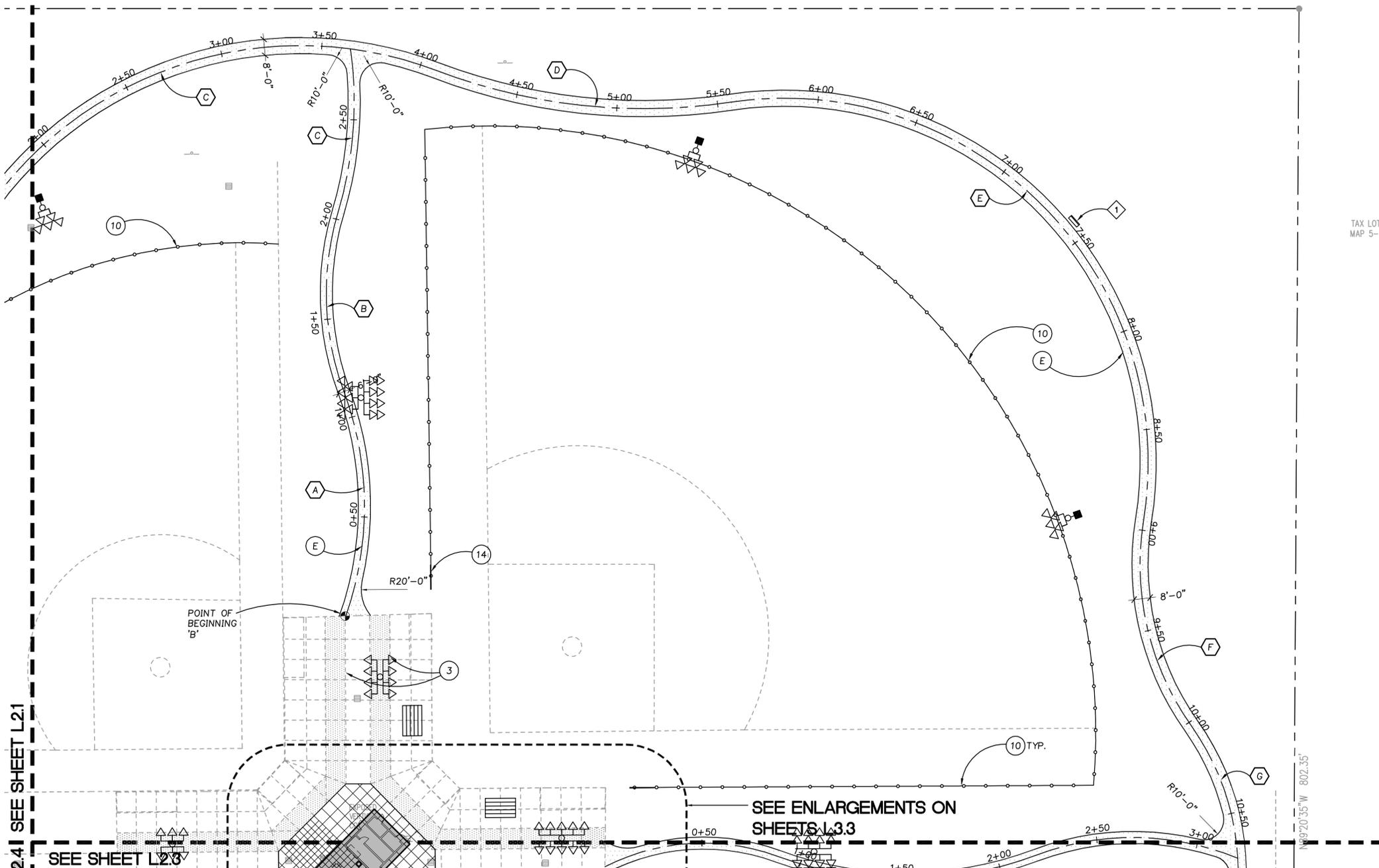
ITEM	RADIUS	LENGTH	DELTA
C	190.00'	263.88'	79° 34' 33"
D	290.00'	148.27'	29° 17' 36"
E	180.00'	338.25'	107° 40' 1"
F	138.00'	107.32'	44° 33' 31"
G	125.00'	152.33'	69° 49' 20"

CURVE DATA TABLE 'B'

ITEM	RADIUS	LENGTH	DELTA
A	163.00'	113.23'	39° 48' 9"
B	140.00'	90.42'	37° 0' 19"
C	190.00'	81.53'	24° 35' 5"

KEY NOTES

ITEM	NOTE	REFERENCE
1	CONCRETE PAVING, STANDARD	1,2,3/L8.1
2	CONCRETE PAVING, INTEGRAL COLOR 1	1,2,3/L8.1 SPECS.
3	CONCRETE PAVING ABUTTING EXISTING CONCRETE	4/L8.1
4	CONCRETE PAD AT GATE	3/L8.2
5	TRANSITION RAMP AT WOOD CHIP SURFACING	6/L8.1
6	WOOD CHIP PATH	5/L8.1
7	SPORT COURT	10/L8.1
8	SKINNED INFIELD	PLANTING
9	CROSSWALK STRIPING	4/L8.2
10	6' HT. FENCE	1,2/L8.2 SPECS.
11	8' HT. FENCE	1,2/L8.2 SPECS.
12	12' HT. FENCE	1,2/L8.2 SPECS.
13	20' HT. FENCE	1,2/L8.2 SPECS.
14	10' WIDE ROLLING GATE	1,2/L8.2 SPECS.
15	3' WIDE SWING GATE TO MATCH RESPECTIVE FENCE HT.	1,2/L8.2 SPECS.
16	EXISTING 12' ROLLING GATE, RELOCATED	1,2/L8.2 SPECS.
17	CONCRETE WALL WITH BENCH	7/L8.1
18	EXISTING UTILITIES TO REMAIN, PROTECT IN PLACE CONTRACTOR TO FIELD VERIFY LOCATION	N/A
19	PROVIDE 6' WIDE OPENING IN EXISTING FENCE	N/A
20	PROPOSED ASPHALT PATH TO MEET EXISTING CONCRETE SIDEWALK	N/A
21	EXISTING CONCRETE PAD TO REMAIN	N/A
22	ALIGN SIDEWALK JOINTS WITH WALL EDGE AND CENTER, TYP.	N/A
23	ALIGN JOINT THROUGH ADJACENT PAVEMENT OR CURB	N/A
24	6' WIDE DOUBLE SWING GATE	1,2/L8.2 SPECS.
25	BATTING CAGE	1,2/L8.2 SPECS.
26	BATTING CAGE ROOF	1,2/L8.2 SPECS.
27	DUGOUT/STORAGE	SPECS.
28	DUGOUT/STORAGE ROOF SEE SPEC. SECTION 32 31 13	SPECS.



SEE SHEET L2.1
SEE SHEET L2.3
SEE SHEET L2.4

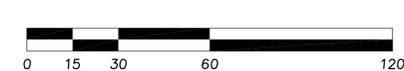
SEE ENLARGEMENTS ON SHEETS L3.3

SITE FURNISHINGS + STRUCTURES SCHEDULE

ITEM	NOTE	REFERENCE
1	BENCH, TYPE 1	SPECS.
2	BENCH, TYPE 2	SPECS.
3	BIKE RACK	SPECS.
4	PICNIC TABLE ALIGN CENTER POST WITH SCORE JOINTS	SPECS.
5	BASKETBALL GOAL	SPECS.
6	RESTROOM/CONCESSIONS BUILDING	SPECS.
7	PICNIC SHELTER	SPECS.
8	KIOSK	SPECS.
9	MAINTENANCE BUILDING - CONCRETE FOOTING PER MANUFACTURER'S RECOMMENDATIONS.	SPECS.
10	BLEACHER	SPECS.
11	PLAYERS BENCH, CENTER ALONG FENCE	SPECS.
12	DRINKING FOUNTAIN	SPECS.
13	TRASH RECEPTACLE	SPECS.

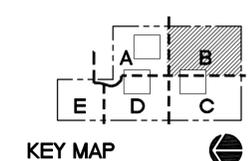
PLAN NOTES

ITEM	NOTE	REFERENCE
A	MAINTENANCE BUILDING ENTRY	CIVIL
B	CONCRETE CURB	CIVIL
C	ADA RAMP	CIVIL
D	NEW FIELD #4	CIVIL
E	ASPHALT PATH	CIVIL
F	NO IMPROVEMENTS TO EXISTING SOCCER FIELDS SEE ELEC. SHEET FOR PROPOSED CONDUIT	ELECTRICAL



100% SET - MARCH 8, 2009

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 Landscape Architecture
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 Portland OR 503.224.8660
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KEY MAP
 Project
CENTENNIAL PARK PHASE III

 Incorporated 1889

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REVISIONS:

REVISION	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

SHEET TITLE:
MATERIALS AND LAYOUT PLAN 'B'

DRAWN BY: TMK
CHECKED BY: DKJ
SHEET:

L2.2

JOB NO. 2080437.00

GENERAL NOTES

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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.

CURVE DATA TABLE 'A'

ITEM	RADIUS	LENGTH	DELTA
G	125'.00'	152.33'	69° 49' 20"
H	110.00'	89.66'	46° 42' 3"
I	140.00'	186.66'	76° 23' 32"
J	500.00'	226.36'	25° 56' 19"
K	2000.00'	104.06'	2° 58' 52"
L	275.00'	86.15'	17° 56' 59"
M	400.00'	192.13'	27° 31' 13"

CURVE DATA TABLE 'C'

ITEM	RADIUS	LENGTH	DELTA
A	107.00'	88.07'	47° 9' 25"
B	185.00'	131.14'	40° 36' 51"
C	136.00'	102.10'	43° 0' 47"

CURVE DATA TABLE 'D'

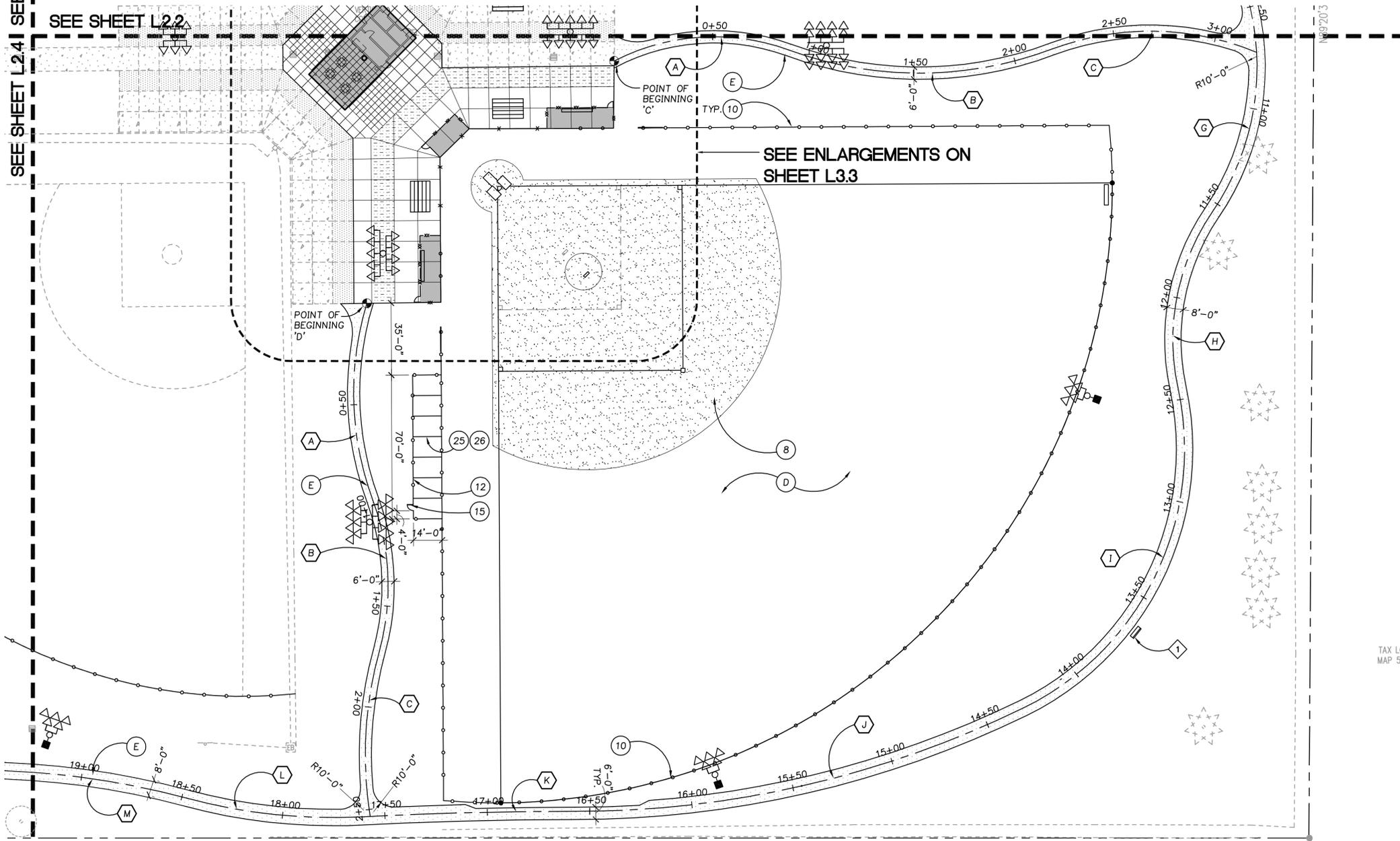
ITEM	RADIUS	LENGTH	DELTA
A	150.00'	97.50'	37° 14' 27"
B	120.00'	74.80'	35° 43' 0"
C	190.00'	81.08'	24° 27' 3"

KEY NOTES

ITEM	NOTE	REFERENCE
PA	PLANTING AREA	PLANTING
1	CONCRETE PAVING, STANDARD	1,2,3/L8.1
2	CONCRETE PAVING, INTEGRAL COLOR 1	1,2,3/L8.1 SPECS.
3	CONCRETE PAVING ABUTTING EXISTING CONCRETE	4/L8.1
4	CONCRETE PAD AT GATE	3/L8.2
5	TRANSITION RAMP AT WOOD CHIP SURFACING	6/L8.1
6	WOOD CHIP PATH	5/L8.1
7	SPORT COURT	10/L8.1
8	SKINNED INFIELD	PLANTING
9	CROSSWALK STRIPING	4/L8.2
10	6' HT. FENCE	1,2/L8.2 SPECS.
11	8' HT. FENCE	1,2/L8.2 SPECS.
12	12' HT. FENCE	1,2/L8.2 SPECS.
13	20' HT. FENCE	1,2/L8.2 SPECS.
14	10' WIDE ROLLING GATE	1,2/L8.2 SPECS.
15	3' WIDE SWING GATE TO MATCH RESPECTIVE FENCE HT.	1,2/L8.2 SPECS.
16	EXISTING 12' ROLLING GATE, RELOCATED	1,2/L8.2 SPECS.
17	CONCRETE WALL WITH BENCH	7/L8.1
18	EXISTING UTILITIES TO REMAIN, PROTECT IN PLACE CONTRACTOR TO FIELD VERIFY LOCATION	N/A
19	PROVIDE 6' WIDE OPENING IN EXISTING FENCE	N/A
20	PROPOSED ASPHALT PATH TO MEET EXISTING CONCRETE SIDEWALK	N/A
21	EXISTING CONCRETE PAD TO REMAIN	N/A
22	ALIGN SIDEWALK JOINTS WITH WALL EDGE AND CENTER, TYP.	N/A
23	ALIGN JOINT THROUGH ADJACENT PAVEMENT OR CURB	N/A
24	6' WIDE DOUBLE SWING GATE	1,2/L8.2 SPECS.
25	BATTING CAGE	1,2/L8.2 SPECS.
26	BATTING CAGE ROOF	1,2/L8.2 SPECS.
27	DUGOUT/STORAGE	SPECS.
28	DUGOUT/STORAGE ROOF SEE SPEC. SECTION 32 31 13	SPECS.

SEE SHEET L2.4

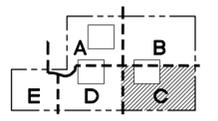
SEE SHEET L2.2



SEE ENLARGEMENTS ON SHEET L3.3

TAX LC MAP 5

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Seattle WA 206.749.9993
 Vancouver WA 360.696.7879
 Portland OR 503.224.8560



KEY MAP

Project
CENTENNIAL PARK PHASE III



NOT FOR CONSTRUCTION

SITE FURNISHINGS + STRUCTURES SCHEDULE

ITEM	NOTE	REFERENCE
1	BENCH, TYPE 1	SPECS.
2	BENCH, TYPE 2	SPECS.
3	BIKE RACK	SPECS.
4	PICNIC TABLE ALIGN CENTER POST WITH SCORE JOINTS	SPECS.
5	BASKETBALL GOAL	SPECS.
6	RESTROOM/CONCESSIONS BUILDING	SPECS.
7	PICNIC SHELTER	SPECS.
8	KIOSK	SPECS.
9	MAINTENANCE BUILDING - CONCRETE FOOTING PER MANUFACTURER'S RECOMMENDATIONS.	SPECS.
10	BLEACHER	SPECS.
11	PLAYERS BENCH, CENTER ALONG FENCE	SPECS.
12	DRINKING FOUNTAIN	SPECS.
13	TRASH RECEPTACLE	SPECS.

PLAN NOTES

ITEM	NOTE	REFERENCE
A	MAINTENANCE BUILDING ENTRY	CIVIL
B	CONCRETE CURB	CIVIL
C	ADA RAMP	CIVIL
D	NEW FIELD #4	CIVIL
E	ASPHALT PATH	CIVIL
F	NO IMPROVEMENTS TO EXISTING SOCCER FIELDS SEE ELEC. SHEET FOR PROPOSED CONDUIT	ELECTRICAL



100% SET - MARCH 8, 2009



JOB NO. **2080437.00**

L2.3

GENERAL NOTES

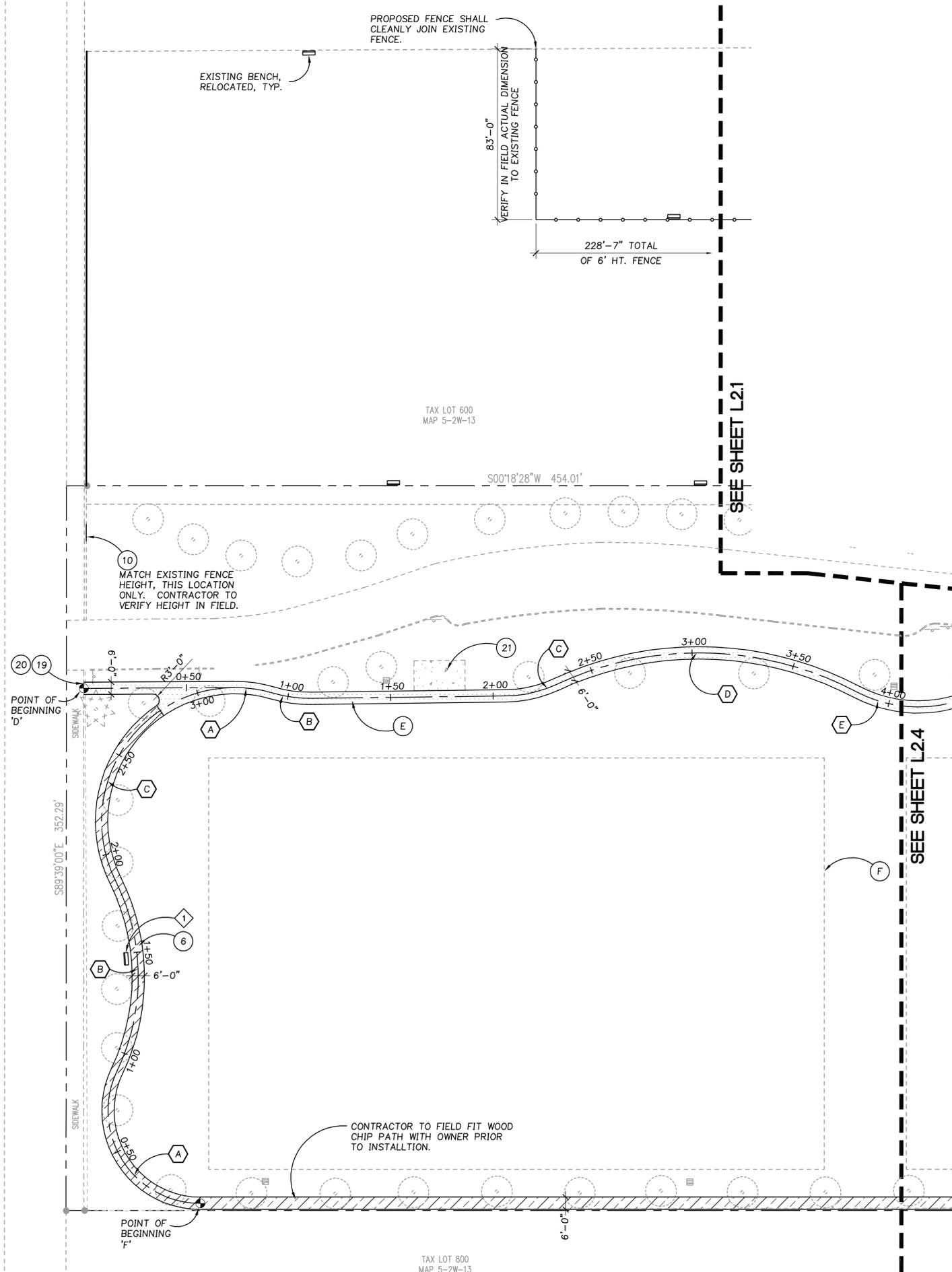
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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.

CURVE DATA TABLE 'E'

ITEM	RADIUS	LENGTH	DELTA
A	65.00'	18.91'	16° 39' 52"
B	65.00'	19.39'	17° 5' 41"
C	60.00'	25.34'	24° 11' 40"
D	165.00'	151.47'	52° 35' 52"
E	65.00'	67.97'	59° 54' 45"

CURVE DATA TABLE 'F'

ITEM	RADIUS	LENGTH	DELTA
A	45.00'	90.80'	115° 36' 44"
B	105.00'	95.52'	52° 7' 27"
C	65.00'	131.84'	116° 11' 56"



KEY NOTES

ITEM	NOTE	REFERENCE
PA	PLANTING AREA	PLANTING
1	CONCRETE PAVING, STANDARD	1,2,3/L8.1
2	CONCRETE PAVING, INTEGRAL COLOR 1	1,2,3/L8.1 SPECS.
3	CONCRETE PAVING ABUTTING EXISTING CONCRETE	4/L8.1
4	CONCRETE PAD AT GATE	3/L8.2
5	TRANSITION RAMP AT WOOD CHIP SURFACING	6/L8.1
6	WOOD CHIP PATH	5/L8.1
7	SPORT COURT	10/L8.1
8	SKINNED INFIELD	PLANTING
9	CROSSWALK STRIPING	4/L8.2
10	6' HT. FENCE	1,2/L8.2 SPECS.
11	8' HT. FENCE	1,2/L8.2 SPECS.
12	12' HT. FENCE	1,2/L8.2 SPECS.
13	20' HT. FENCE	1,2/L8.2 SPECS.
14	10' WIDE ROLLING GATE	1,2/L8.2 SPECS.
15	3' WIDE SWING GATE TO MATCH RESPECTIVE FENCE HT.	1,2/L8.2 SPECS.
16	EXISTING 12' ROLLING GATE, RELOCATED	1,2/L8.2 SPECS.
17	CONCRETE WALL WITH BENCH	7/L8.1
18	EXISTING UTILITIES TO REMAIN, PROTECT IN PLACE CONTRACTOR TO FIELD VERIFY LOCATION	N/A
19	PROVIDE 6' WIDE OPENING IN EXISTING FENCE	N/A
20	PROPOSED ASPHALT PATH TO MEET EXISTING CONCRETE SIDEWALK	N/A
21	EXISTING CONCRETE PAD TO REMAIN	N/A
22	ALIGN SIDEWALK JOINTS WITH WALL EDGE AND CENTER, TYP.	N/A
23	ALIGN JOINT THROUGH ADJACENT PAVEMENT OR CURB	N/A
24	6' WIDE DOUBLE SWING GATE	1,2/L8.2 SPECS.
25	BATTING CAGE	1,2/L8.2 SPECS.
26	BATTING CAGE ROOF	1,2/L8.2 SPECS.
27	DUGOUT/STORAGE	SPECS.
28	DUGOUT/STORAGE ROOF SEE SPEC. SECTION 32 31 13	SPECS.

SITE FURNISHINGS + STRUCTURES SCHEDULE

ITEM	NOTE	REFERENCE
1	BENCH, TYPE 1	SPECS.
2	BENCH, TYPE 2	SPECS.
3	BIKE RACK	SPECS.
4	PICNIC TABLE ALIGN CENTER POST WITH SCORE JOINTS	SPECS.
5	BASKETBALL GOAL	SPECS.
6	RESTROOM/CONCESSIONS BUILDING	SPECS.
7	PICNIC SHELTER	SPECS.
8	KIOSK	SPECS.
9	MAINTENANCE BUILDING - CONCRETE FOOTING PER MANUFACTURER'S RECOMMENDATIONS.	SPECS.
10	BLEACHER	SPECS.
11	PLAYERS BENCH, CENTER ALONG FENCE	SPECS.
12	DRINKING FOUNTAIN	SPECS.
13	TRASH RECEPTACLE	SPECS.

PLAN NOTES

ITEM	NOTE	REFERENCE
A	MAINTENANCE BUILDING ENTRY	CIVIL
B	CONCRETE CURB	CIVIL
C	ADA RAMP	CIVIL
D	NEW FIELD #4	CIVIL
E	ASPHALT PATH	CIVIL
F	NO IMPROVEMENTS TO EXISTING SOCCER FIELDS SEE ELEC. SHEET FOR PROPOSED CONDUIT	ELECTRICAL

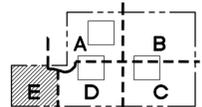


100% SET - MARCH 8, 2009



208043700\LANDSCAPE\SHEETS\437-L2.5_MAT_LAYOUT.DWG:L2.5_TMK 04/09/09 08:52 1:30.00

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Seattle WA 206.749.9993
 Vancouver WA 360.696.7879
 Portland OR 503.224.8560



KEY MAP

Project
**CENTENNIAL PARK
 PHASE III**



WOODBURN
 Incorporated 1889

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REVISIONS:

REVISION	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

SHEET TITLE:
**MATERIALS AND
 LAYOUT PLAN 'E'**

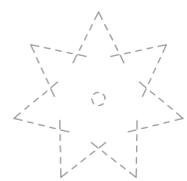
DRAWN BY: TMK

CHECKED BY: DKJ

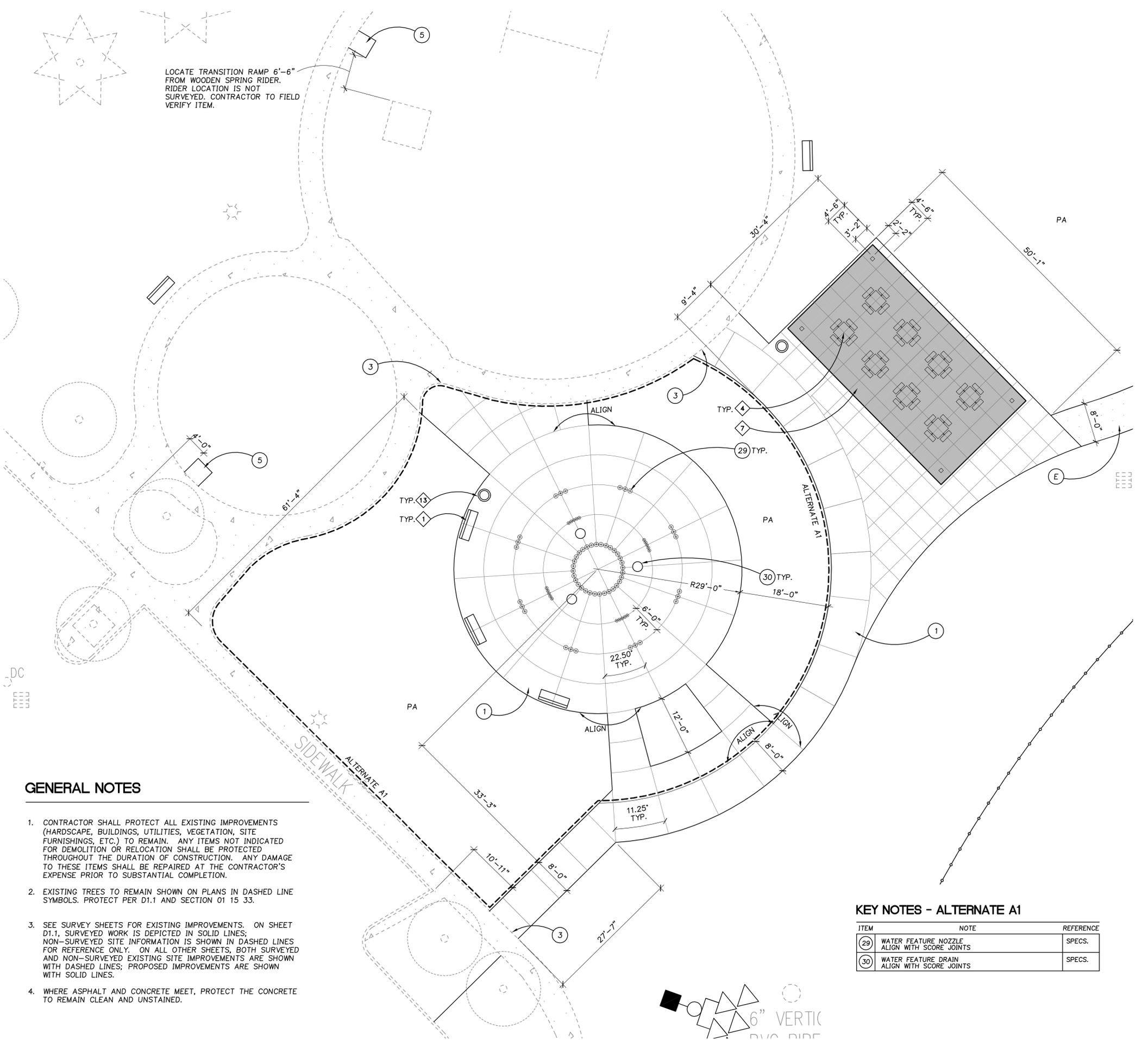
SHEET:

L2.5

JOB NO.
2080437.00



LOCATE TRANSITION RAMP 6'-6" FROM WOODEN SPRING RIDER. RIDER LOCATION IS NOT SURVEYED. CONTRACTOR TO FIELD VERIFY ITEM.



GENERAL NOTES

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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.

KEY NOTES - ALTERNATE A1

ITEM	NOTE	REFERENCE
29	WATER FEATURE NOZZLE ALIGN WITH SCORE JOINTS	SPECS.
30	WATER FEATURE DRAIN ALIGN WITH SCORE JOINTS	SPECS.

KEY NOTES

ITEM	NOTE	REFERENCE
PA	PLANTING AREA	PLANTING
1	CONCRETE PAVING, STANDARD	1,2,3/L8.1
2	CONCRETE PAVING, INTEGRAL COLOR 1	1,2,3/L8.1 SPECS.
3	CONCRETE PAVING ABUTTING EXISTING CONCRETE	4/L8.1
4	CONCRETE PAD AT GATE	3/L8.2
5	TRANSITION RAMP AT WOOD CHIP SURFACING	6/L8.1
6	WOOD CHIP PATH	5/L8.1
7	SPORT COURT	10/L8.1
8	SKINNED INFIELD	PLANTING
9	CROSSWALK STRIPING	4/L8.2
10	6' HT. FENCE	1,2/L8.2 SPECS.
11	8' HT. FENCE	1,2/L8.2 SPECS.
12	12' HT. FENCE	1,2/L8.2 SPECS.
13	20' HT. FENCE	1,2/L8.2 SPECS.
14	10' WIDE ROLLING GATE	1,2/L8.2 SPECS.
15	3' WIDE SWING GATE TO MATCH RESPECTIVE FENCE HT.	1,2/L8.2 SPECS.
16	EXISTING 12' ROLLING GATE, RELOCATED	1,2/L8.2 SPECS.
17	CONCRETE WALL WITH BENCH	7/L8.1
18	EXISTING UTILITIES TO REMAIN, PROTECT IN PLACE CONTRACTOR TO FIELD VERIFY LOCATION	N/A
19	PROVIDE 6' WIDE OPENING IN EXISTING FENCE	N/A
20	PROPOSED ASPHALT PATH TO MEET EXISTING CONCRETE SIDEWALK	N/A
21	EXISTING CONCRETE PAD TO REMAIN	N/A
22	ALIGN SIDEWALK JOINTS WITH WALL EDGE AND CENTER, TYP.	N/A
23	ALIGN JOINT THROUGH ADJACENT PAVEMENT OR CURB	N/A
24	6' WIDE DOUBLE SWING GATE	1,2/L8.2 SPECS.
25	BATTING CAGE	1,2/L8.2 SPECS.
26	BATTING CAGE ROOF	1,2/L8.2 SPECS.
27	DUGOUT/STORAGE	SPECS.
28	DUGOUT/STORAGE ROOF SEE SPEC. SECTION 32 31 13	SPECS.

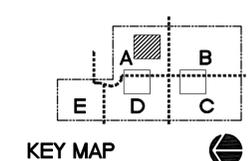
SITE FURNISHINGS + STRUCTURES SCHEDULE

ITEM	NOTE	REFERENCE
1	BENCH, TYPE 1	SPECS.
2	BENCH, TYPE 2	SPECS.
3	BIKE RACK	SPECS.
4	PICNIC TABLE ALIGN CENTER POST WITH SCORE JOINTS	SPECS.
5	BASKETBALL GOAL	SPECS.
6	RESTROOM/CONCESSIONS BUILDING	SPECS.
7	PICNIC SHELTER	SPECS.
8	KIOSK	SPECS.
9	MAINTENANCE BUILDING - CONCRETE FOOTING PER MANUFACTURER'S RECOMMENDATIONS.	SPECS.
10	BLEACHER	SPECS.
11	PLAYERS BENCH, CENTER ALONG FENCE	SPECS.
12	DRINKING FOUNTAIN	SPECS.
13	TRASH RECEPTACLE	SPECS.

PLAN NOTES

ITEM	NOTE	REFERENCE
A	MAINTENANCE BUILDING ENTRY	CIVIL
B	CONCRETE CURB	CIVIL
C	ADA RAMP	CIVIL
D	NEW FIELD #4	CIVIL
E	ASPHALT PATH	CIVIL
F	NO IMPROVEMENTS TO EXISTING SOCCER FIELDS SEE ELEC. SHEET FOR PROPOSED CONDUIT	ELECTRICAL

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Seattle WA 206.749.9993
 Vancouver WA 360.696.7879
 Portland OR 503.224.8560



KEY MAP
 Project
**CENTENNIAL PARK
 PHASE III**

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 CONSTRUCTION**

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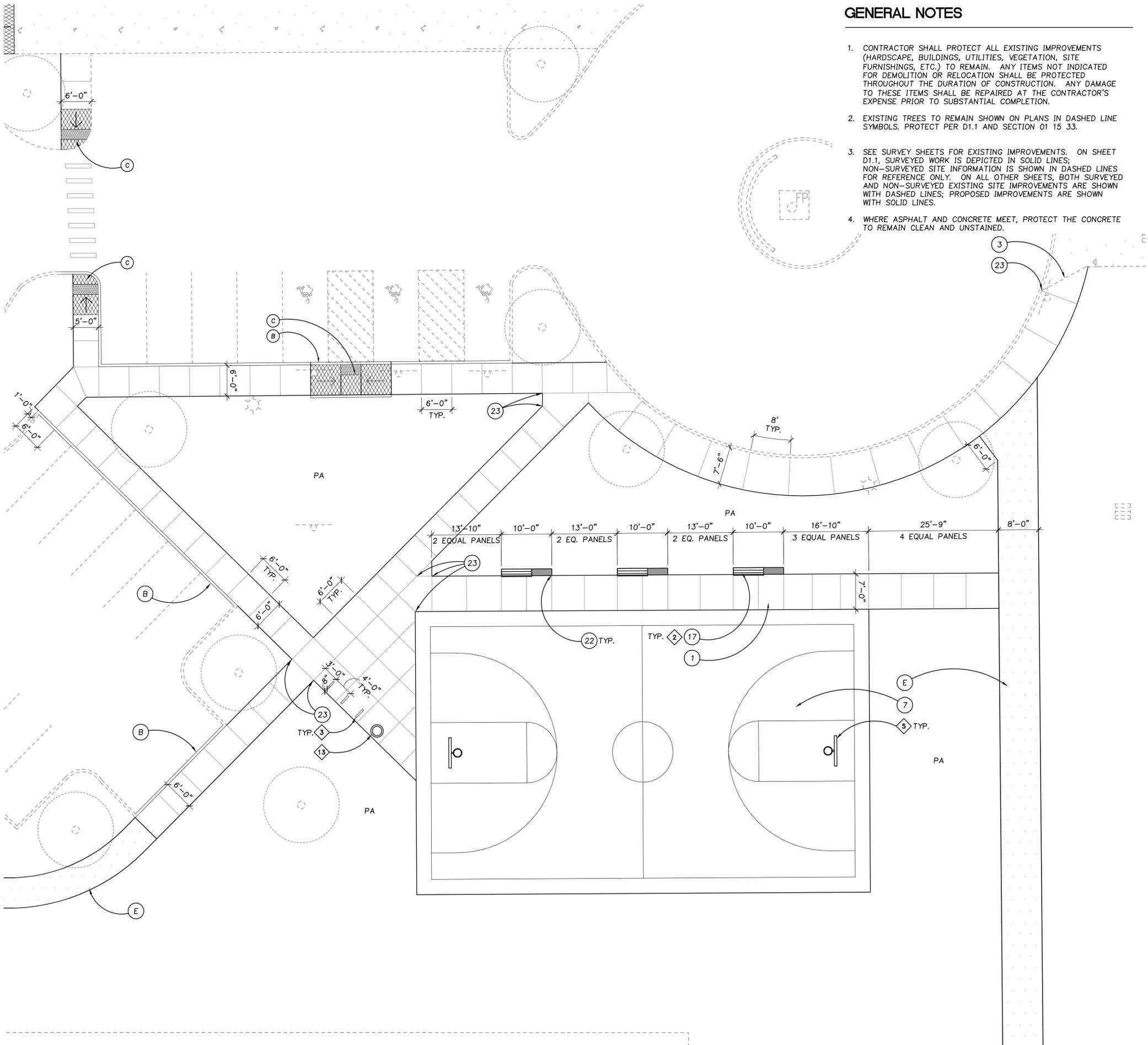
REVISION	REVISIONS THIS SHEET	REVISION DELTA CLOSING DATE

SHEET TITLE:
**PLAN
 ENLARGEMENTS
 LAYOUT AND
 MATERIALS**

DRAWN BY: TMK
CHECKED BY: DKJ
SHEET:

L3.1
JOB NO. 2080437.00

0 5 10 20 40
100% SET - MARCH 8, 2009
 208043700\LANDSCAPE\SHETS\437-L3.1 LAYOUT ENLARG.DWG:L3.1 TMK 04/09/09 09:07 1:10.00



GENERAL NOTES

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KEY NOTES

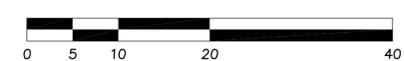
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2	CONCRETE PAVING, INTEGRAL COLOR 1	1,2,3/L8.1 SPECS.
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17	CONCRETE WALL WITH BENCH	7/L8.1
18	EXISTING UTILITIES TO REMAIN, PROTECT IN PLACE CONTRACTOR TO FIELD VERIFY LOCATION	N/A
19	PROVIDE 6' WIDE OPENING IN EXISTING FENCE	N/A
20	PROPOSED ASPHALT PATH TO MEET EXISTING CONCRETE SIDEWALK	N/A
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23	ALIGN JUNCTION THROUGH ADJACENT PAVEMENT OR CURB	N/A
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27	DUGOUT/STORAGE	SPECS.
28	DUGOUT/STORAGE ROOF SEE SPEC. SECTION 32 31 13	SPECS.

SITE FURNISHINGS + STRUCTURES SCHEDULE

ITEM	NOTE	REFERENCE
1	BENCH, TYPE 1	SPECS.
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PLAN NOTES

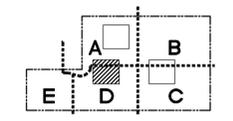
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100% SET - MARCH 8, 2009



GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Portland OR 503.224.8560
 Vancouver WA 360.696.7879
 Seattle WA 206.749.9993



KEY MAP

Project
CENTENNIAL PARK PHASE III



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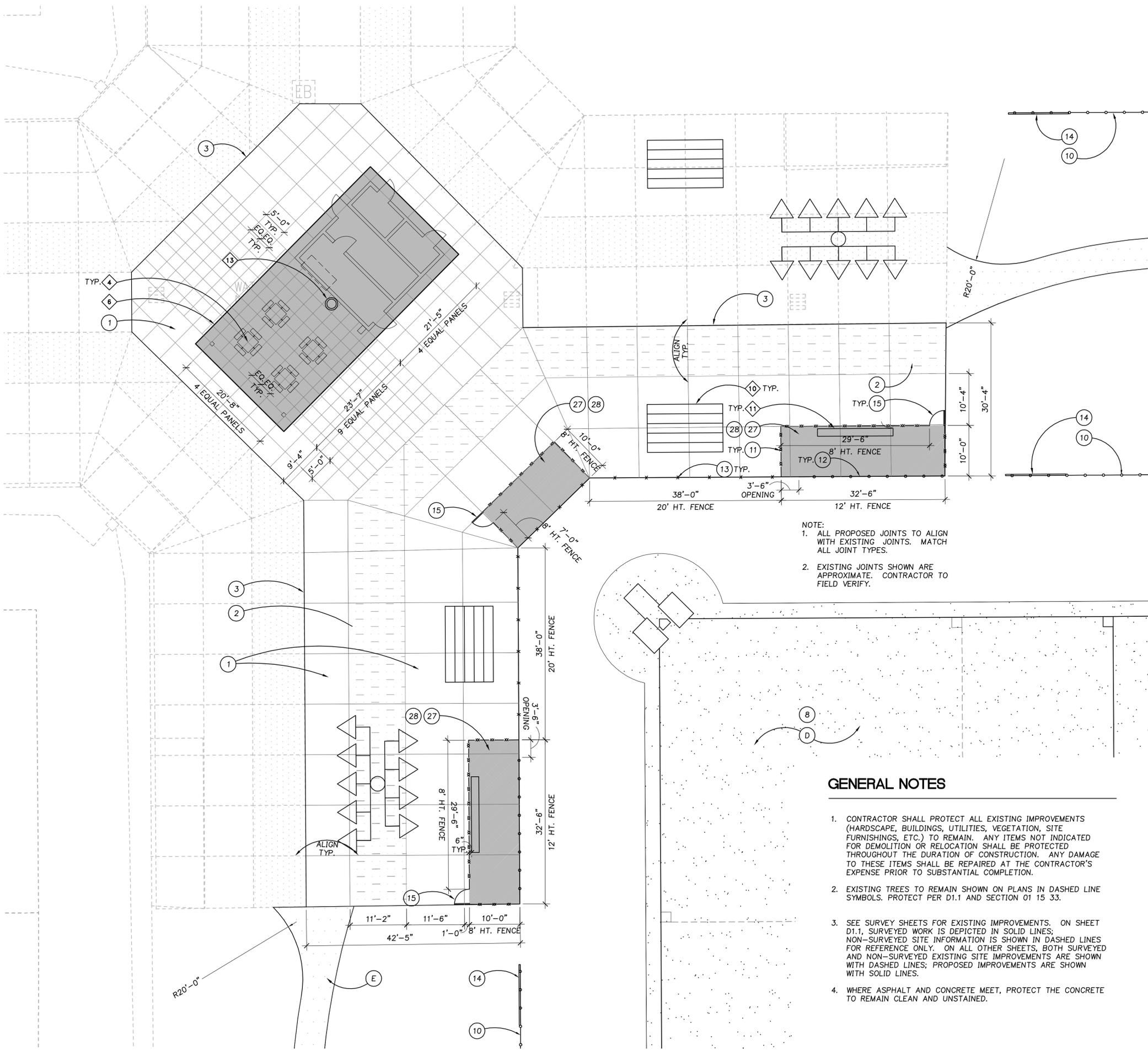
REVISION	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

SHEET TITLE:
PLAN ENLARGEMENTS LAYOUT AND MATERIALS

DRAWN BY: TMK
 CHECKED BY: DKJ
 SHEET:

L3.2

JOB NO. **2080437.00**



NOTE:
 1. ALL PROPOSED JOINTS TO ALIGN WITH EXISTING JOINTS. MATCH ALL JOINT TYPES.
 2. EXISTING JOINTS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.

GENERAL NOTES

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KEY NOTES

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SITE FURNISHINGS + STRUCTURES SCHEDULE

ITEM	NOTE	REFERENCE
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2	BENCH, TYPE 2	SPECS.
3	BIKE RACK	SPECS.
4	PICNIC TABLE ALIGN CENTER POST WITH SCORE JOINTS	SPECS.
5	BASKETBALL GOAL	SPECS.
6	RESTROOM/CONCESSIONS BUILDING	SPECS.
7	PICNIC SHELTER	SPECS.
8	KIOSK	SPECS.
9	MAINTENANCE BUILDING - CONCRETE FOOTING PER MANUFACTURER'S RECOMMENDATIONS.	SPECS.
10	BLEACHER	SPECS.
11	PLAYERS BENCH, CENTER ALONG FENCE	SPECS.
12	DRINKING FOUNTAIN	SPECS.
13	TRASH RECEPTACLE	SPECS.

PLAN NOTES

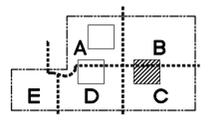
ITEM	NOTE	REFERENCE
A	MAINTENANCE BUILDING ENTRY	CIVIL
B	CONCRETE CURB	CIVIL
C	ADA RAMP	CIVIL
D	NEW FIELD #4	CIVIL
E	ASPHALT PATH	CIVIL
F	NO IMPROVEMENTS TO EXISTING SOCCER FIELDS SEE ELEC. SHEET FOR PROPOSED CONDUIT	ELECTRICAL



100% SET - MARCH 8, 2009



GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Seattle WA 206.749.9993
 Vancouver WA 360.696.7879
 Portland OR 503.224.8560



KEY MAP

Project
CENTENNIAL PARK PHASE III



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REVISIONS:

REVISION	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

SHEET TITLE:
PLAN ENLARGEMENTS LAYOUT AND MATERIALS

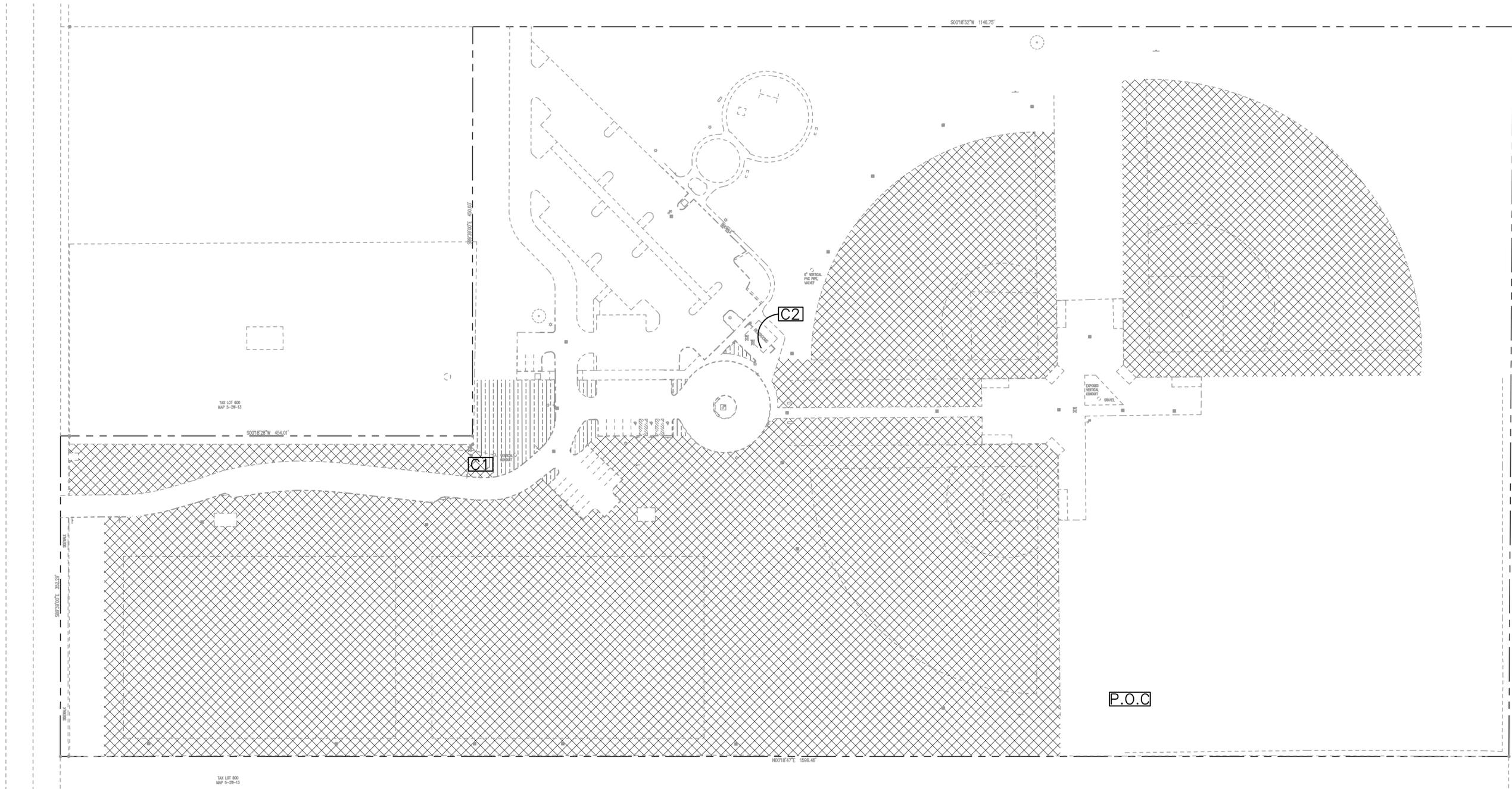
DRAWN BY: **TMK**

CHECKED BY: **DKJ**

SHEET:

L3.3

JOB NO. **2080437.00**



Project
**CENTENNIAL PARK
 PHASE III**



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REVISIONS:

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SHEET TITLE:
**IRRIGATION
 PLAN -
 EXISTING
 CONDITIONS**

DRAWN BY: TMK

CHECKED BY: DKJ

SHEET:

L4.0

JOB NO. **2080437.00**

EXISTING IRRIGATION ZONING LEGEND

SYMBOL	NOTE	REFERENCE
	SPRAY ZONES	SEE GENERAL NOTES
	ROTOR ZONES	
	EXISTING POINT OF CONNECTION VERIFY IN FIELD	
	EXISTING CONTROLLER 1 PEDESTAL	
	EXISTING CONTROLLER 2, WALL MOUNT LOCATED INSIDE EXISTING RESTROOM	

IRRIGATION NOTES

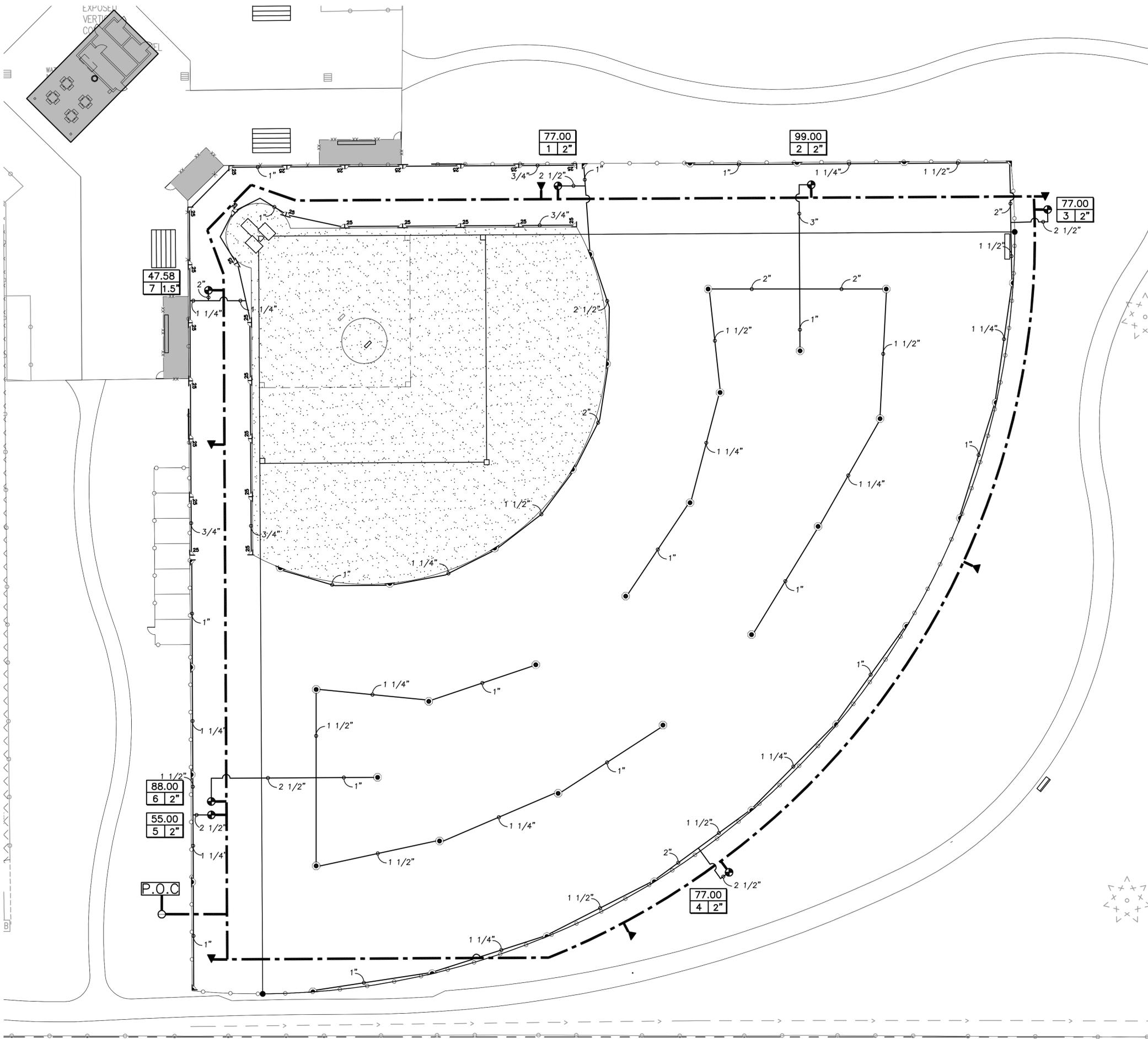
1. ALL LOCATIONS DEFINED ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL EXISTING IRRIGATION COMPONENTS WHERE APPLICABLE.
2. CONTACT THE CITY OF WOODBURN TO OBTAIN AS-BUILTS FOR THE EXISTING IRRIGATION SYSTEM.
3. COORDINATE WITH CITY MAINTENANCE TO ENSURE A PROPER RETROFIT TO EXISTING CONTROLLERS.

GENERAL NOTES

1. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
2. EXISTING TREES TO REMAIN SHOWN ON PLANS IN DASHED LINE SYMBOLS. PROTECT PER D1.1 AND SECTION 01 15 33.
3. SEE SURVEY SHEETS FOR EXISTING IMPROVEMENTS. ON SHEET D1.1, SURVEYED WORK IS DEPICTED IN SOLID LINES; NON-SURVEYED SITE INFORMATION IS SHOWN IN DASHED LINES FOR REFERENCE ONLY. ON ALL OTHER SHEETS, BOTH SURVEYED AND NON-SURVEYED EXISTING SITE IMPROVEMENTS ARE SHOWN WITH DASHED LINES; PROPOSED IMPROVEMENTS ARE SHOWN WITH SOLID LINES.
4. WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.



100% SET - MARCH 8, 2009



IRRIGATION SCHEDULE

ROTOR HEADS	
SYMBOL	DESCRIPTION
	RAINBIRD 3504-S-PC
	RAINBIRD 5000-MPR-SERIES-RED
	RAINBIRD FALCON-6504-F4-HC
	RAINBIRD FALCON-6504-F4-FC

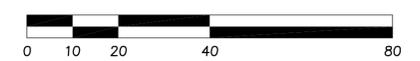
EQUIPMENT	
SYMBOL	DESCRIPTION
	RAINBIRD REMOTE VALVE PEB-PRS-D
	RAINBIRD 44LRC QUICK COUPLER
	ISOLATION/GATE VALVE
	LATERAL LINE-CLASS 200 PVC
	3" MAILLINE-SCHEDULE 40 PVC.
	SLEEVE-SCHEDULE 40 PVC-4" MIN.
	TIE INTO EXISTING MAINLINE, SEE NOTE 2
	CONTROLLER
	GALLONS PER MINUTE (G.P.M)
	VALVE SIZE
	ZONE NUMBER

IRRIGATION NOTES

- LAYOUT OF THE SYSTEM AS SHOWN ON DRAWINGS IS DIAGRAMMATIC. IRRIGATION LINES AND VALVES SHOWN WITHIN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY AND TO BE PLACED WITHIN LANDSCAPED AREAS WITH THEIR LOCATIONS MODIFIED AS REQUIRED TO AVOID PLANT MATERIALS, UTILITIES AND OTHER OBSTRUCTIONS.
- CONTRACTOR TO VERIFY EXISTING MAINLINE LOCATIONS AND TIE IN PROPOSED SYSTEM WHERE FEASIBLE.
- AVAILABLE STATIC PRESSURE IS TO BE VERIFIED WITH THE CITY OF WOODBURN. CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.
- PROVIDE HEAD TO HEAD COVERAGE FOR ALL PLANTING AREAS. FIELD ADJUST SPRINKLER HEAD RADIUS AND ARC FOR MAXIMUM COVERAGE WITHOUT OVER SPRAYING PAVED SURFACES.
- INSTALL ADJUSTABLE ARC NOZZLES (VAN'S) AS NEEDED.
- INSTALLED PIPE SHALL NOT CREATE WATER VELOCITY GREATER THAN 5 FPS.
- SLEEVES BELOW VEHICULAR PAVING AND SIDEWALKS SHALL BE INSTALLED 24" BELOW FINISHED PAVED SURFACE. EXTEND ALL SLEEVES 12" PAST PAVING.
- INSTALL VALVE BOXES IN SHRUB AREAS WHEREVER POSSIBLE.
- ROOTS OF EXISTING TREES SHALL BE PROTECTED WITH HAND TRENCHING.
- SOME ADJUSTMENT TO IRRIGATION WILL HAPPEN IN ALL PARTS OF SITE WHERE PHASE III IMPROVEMENTS OCCUR.

GENERAL NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.

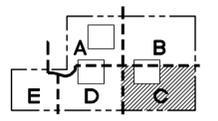


GROUP MACKENZIE

Architecture
Interior Design
Land Use Planning

Civil Engineering
Structural Engineering
Transportation Planning
Landscape Architecture

Seattle WA 206.496.9993
Vancouver WA 360.696.7879
Portland OR 503.224.8660



KEY MAP

Project
**CENTENNIAL PARK
PHASE III**



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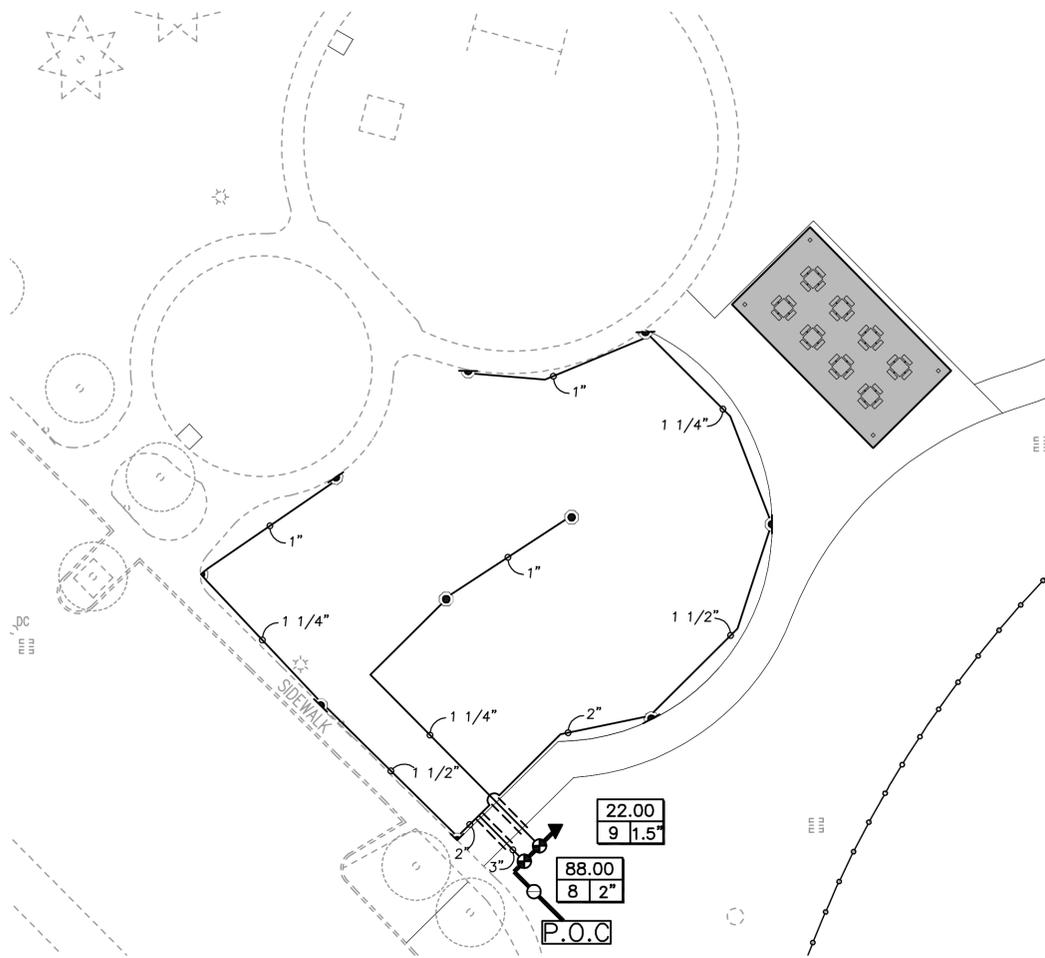
REVISION	REVISIONS THIS SHEET	REVISION CLOSING DATE	DELTA

SHEET TITLE:
**IRRIGATION
PLAN -
BALL FIELD #4**

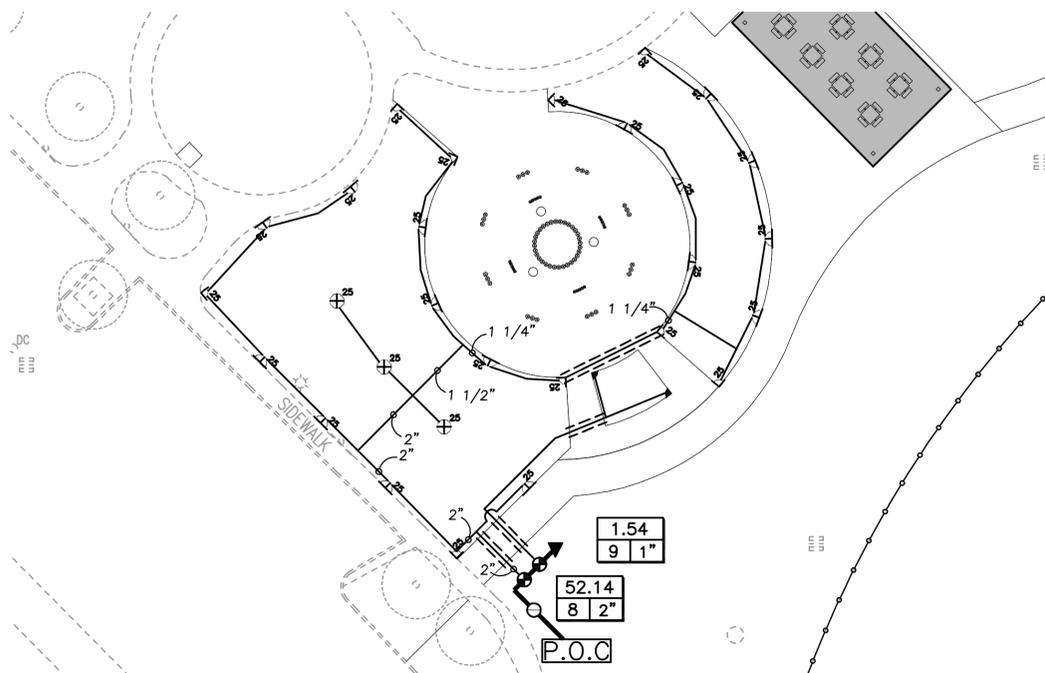
DRAWN BY: TMK
CHECKED BY: DKJ
SHEET:

L4.1

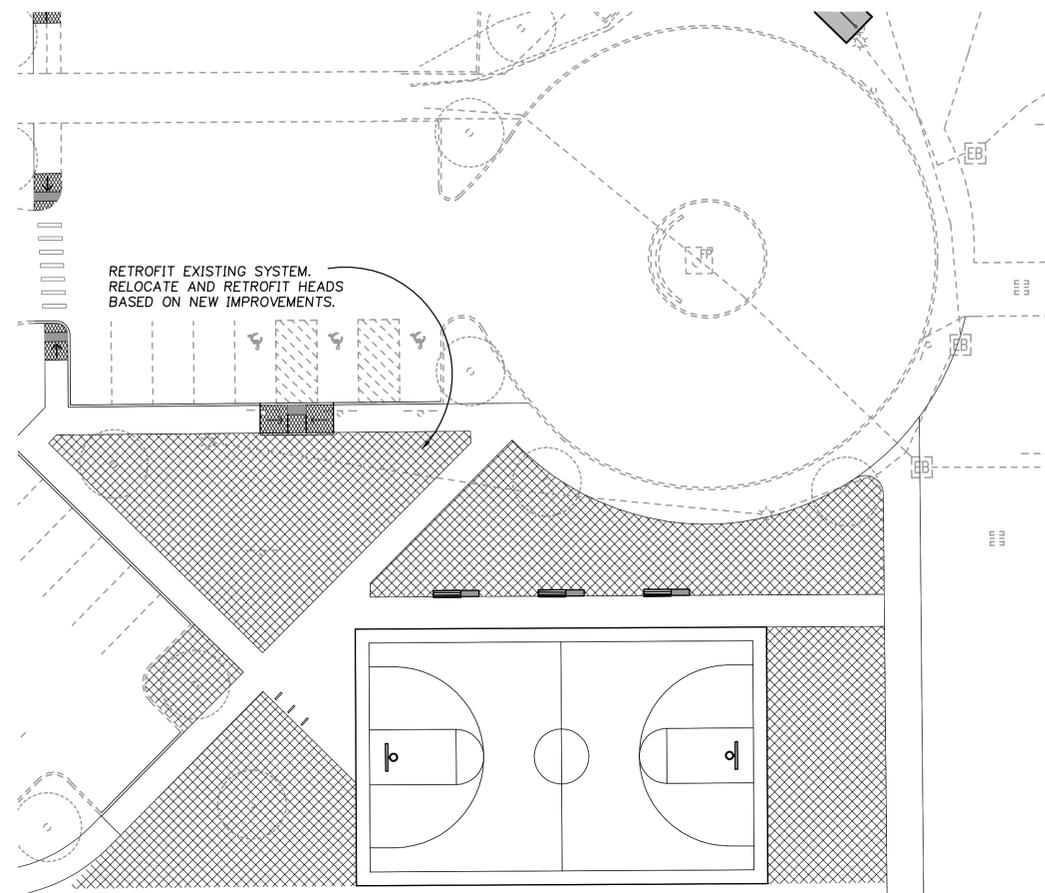
JOB NO. **2080437.00**



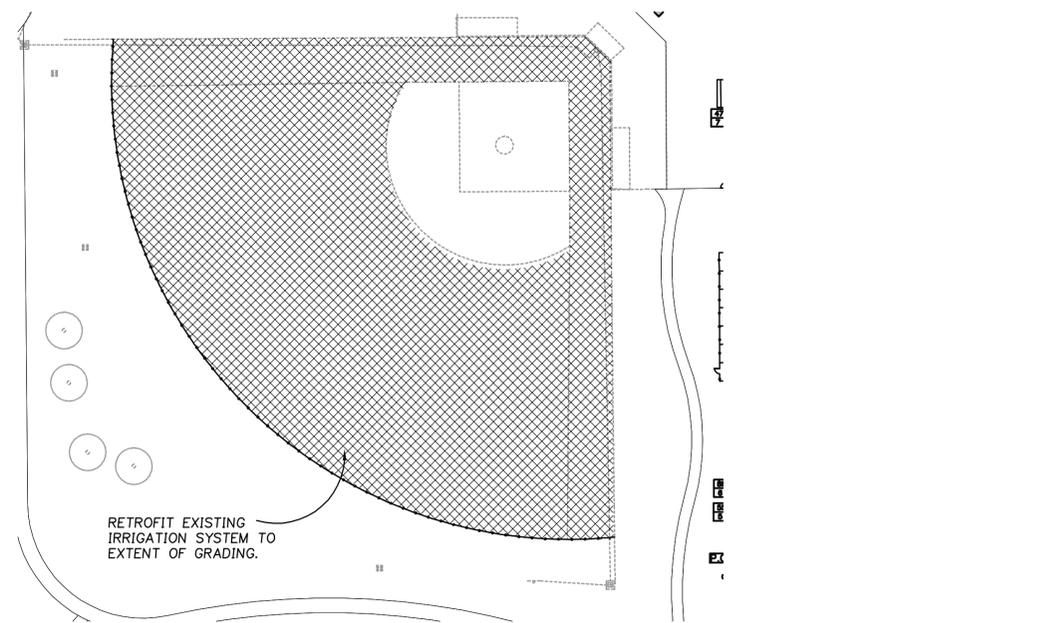
1 IRRIGATION PLAN ENLARGEMENT - PLAY AREA - BASE BID
L4.2 1"=20'



3 IRRIGATION PLAN ENLARGEMENT - PLAY AREA - ALT. A1
L4.2 1"=20'



2 IRRIGATION PLAN ENLARGEMENT - SPORT COURT
L4.2 1"=20'



4 IRRIGATION PLAN ENLARGEMENT, FIELD 1 - ALT. A2
L4.2 1"=50'

IRRIGATION SCHEDULE

ROTOR HEADS	
SYMBOL	DESCRIPTION
	RAINBIRD 3504-S-PC
	RAINBIRD 5000-MPR-SERIES-RED
	RAINBIRD FALCON-6504-F4-HC
	RAINBIRD FALCON-6504-F4-FC

EQUIPMENT	
SYMBOL	DESCRIPTION
	RAINBIRD REMOTE VALVE PEB-PRS-D
	RAINBIRD 44LRC QUICK COUPLER
	ISOLATION/GATE VALVE
	LATERAL LINE-CLASS 200 PVC
	3" MAILING-SCHEDULE 40 PVC
	SLEEVE-SCHEDULE 40 PVC-4" MIN.
	TIE INTO EXISTING MAINLINE, SEE NOTE 2
	CONTROLLER
	GALLONS PER MINUTE (G.P.M.)
	VALVE SIZE
	ZONE NUMBER

IRRIGATION NOTES

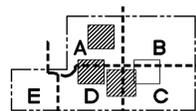
- LAYOUT OF THE SYSTEM AS SHOWN ON DRAWINGS IS DIAGRAMMATIC. IRRIGATION LINES AND VALVES SHOWN WITHIN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY AND TO BE PLACED WITHIN LANDSCAPED AREAS WITH THEIR LOCATIONS MODIFIED AS REQUIRED TO AVOID PLANT MATERIALS, UTILITIES AND OTHER OBSTRUCTIONS.
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- INSTALL VALVE BOXES IN SHRUB AREAS WHEREVER POSSIBLE.
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- SOME ADJUSTMENT TO IRRIGATION WILL HAPPEN IN ALL PARTS OF SITE WHERE PHASE III IMPROVEMENTS OCCUR.

GENERAL NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.



GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Vancouver WA 360.696.7879
 Portland OR 503.224.8560
 Seattle WA 206.749.9993



KEY MAP

Project
**CENTENNIAL PARK
 PHASE III**



WOODBURN
 Incorporated 1889

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REVISIONS:

REVISION	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

SHEET TITLE:
**IRRIGATION
 PLAN-
 PLAY AREA AND
 SPORT COURT AREA**

DRAWN BY: TMK

CHECKED BY: DKJ

SHEET:

L4.2

JOB NO. **2080437.00**

100% SET - MARCH 8, 2009

GENERAL NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.

PLANT MATERIAL SCHEDULE

SYMBOL	BOTANICAL NAME - COMMON NAME	SIZE/SPACING
TREES		
	ACER RUBRUM RED MAPLE	2" CAL. AS SHOWN
	FRAXINUS OXYCARPA 'RAYWOOD' RAYWOOD ASH	2" CAL. AS SHOWN
	PLATANUS ACERIFOLIA LONDON PLANETREE	2" CAL. AS SHOWN
	THUJA PLICATA WESTERN RED CEDAR	6-7' HT. AS SHOWN
GRASSES		
	HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS	2 GAL. 18" O.C.
	DESCHAMPSIA CESPITOSA TUFTED HAIRGRASS	SEED 5oz/1000 SF
SEED MIXES		
	MIX TYPE 1, SEE NOTE 2 BELOW AND SPECS.	
	MIX TYPE 2, SEE SPECS.	
	MIX TYPE 3, SEE SPECS.	
	SKINNED INFIELD, SEE SPECS.	

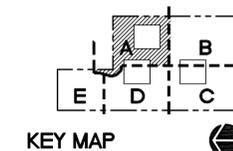
PLANTING NOTES

- CONTRACTOR TO REMOVE AND CLEAR ALL EXISTING PLANT MATERIAL WHERE NEW PLANT MATERIAL IS PROPOSED. FULLY ELIMINATE ALL WEEDS (SEE SPECIFICATION) PRIOR TO NEW PLANT AND SEED INSTALLATION.
- CONTRACTOR TO SEED ALL AREAS DISTURBED BY CONSTRUCTION NOT SHOWN TO RECEIVE ANOTHER TYPE OF PLANTING WITH THIS GENERAL PURPOSE SEED MIX.
- CONTRACTOR TO STOCKPILE AND REUSE SKINNED INFIELD MATERIAL REMOVED FROM FIELD ONE DUE TO GRADING, SEE CIVIL PLANS.

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning

Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture

Seattle WA 206.749.9993
 Vancouver WA 360.696.7879
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Project
**CENTENNIAL PARK
 PHASE III**

WOODBURN
 Incorporated 1889

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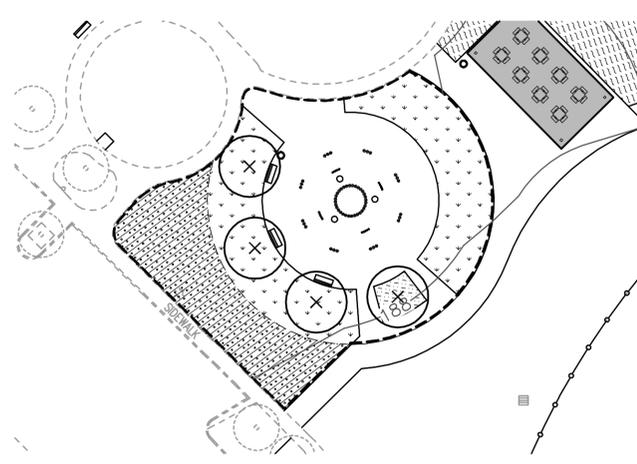
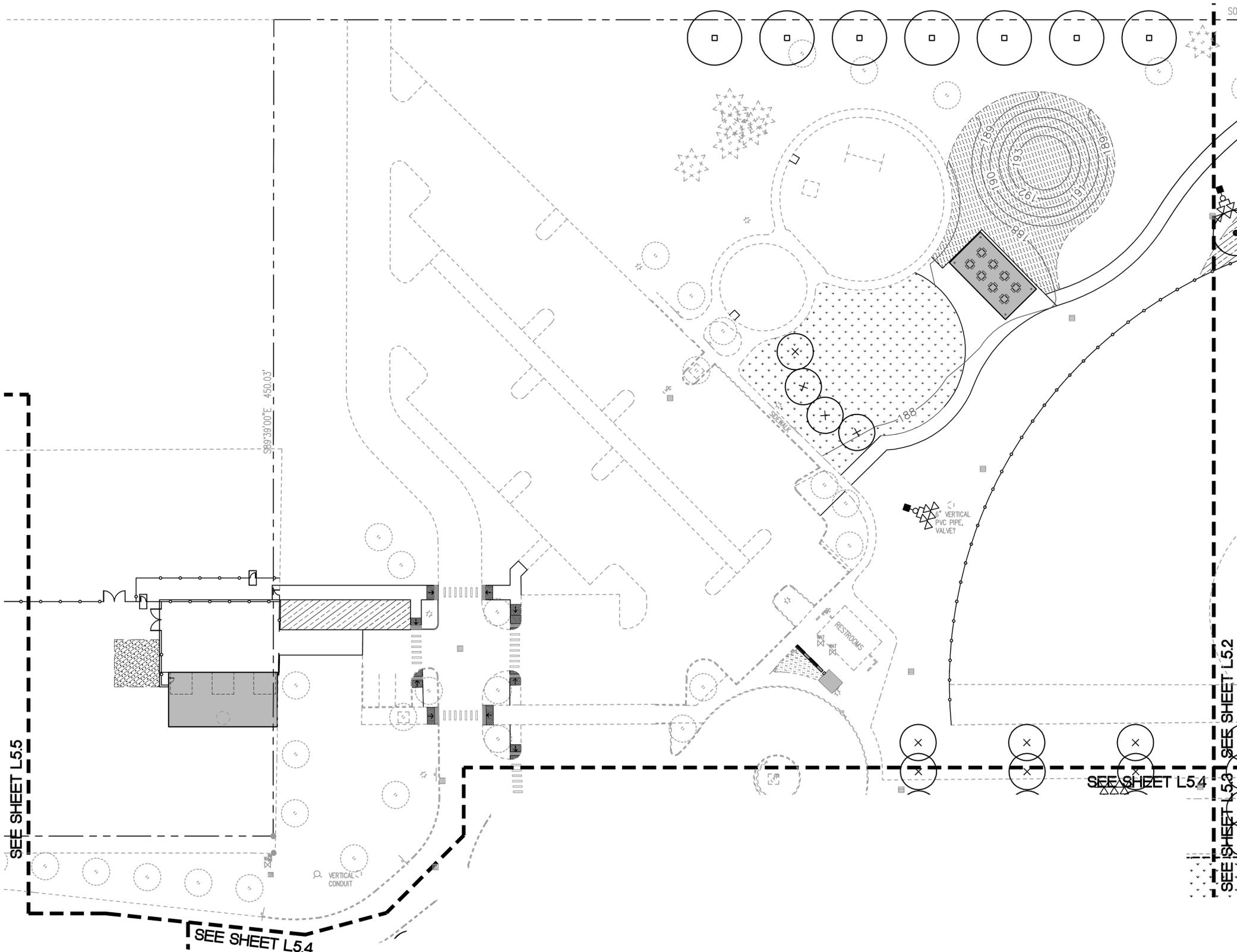
REVISION SHEET	REVISIONS THIS SHEET	REVISION DELTA CLOSING DATE

**SHEET TITLE:
 PLANTING
 PLAN**

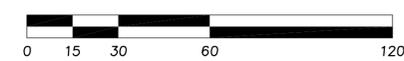
DRAWN BY: TMK
CHECKED BY: DKJ
SHEET:

L5.1

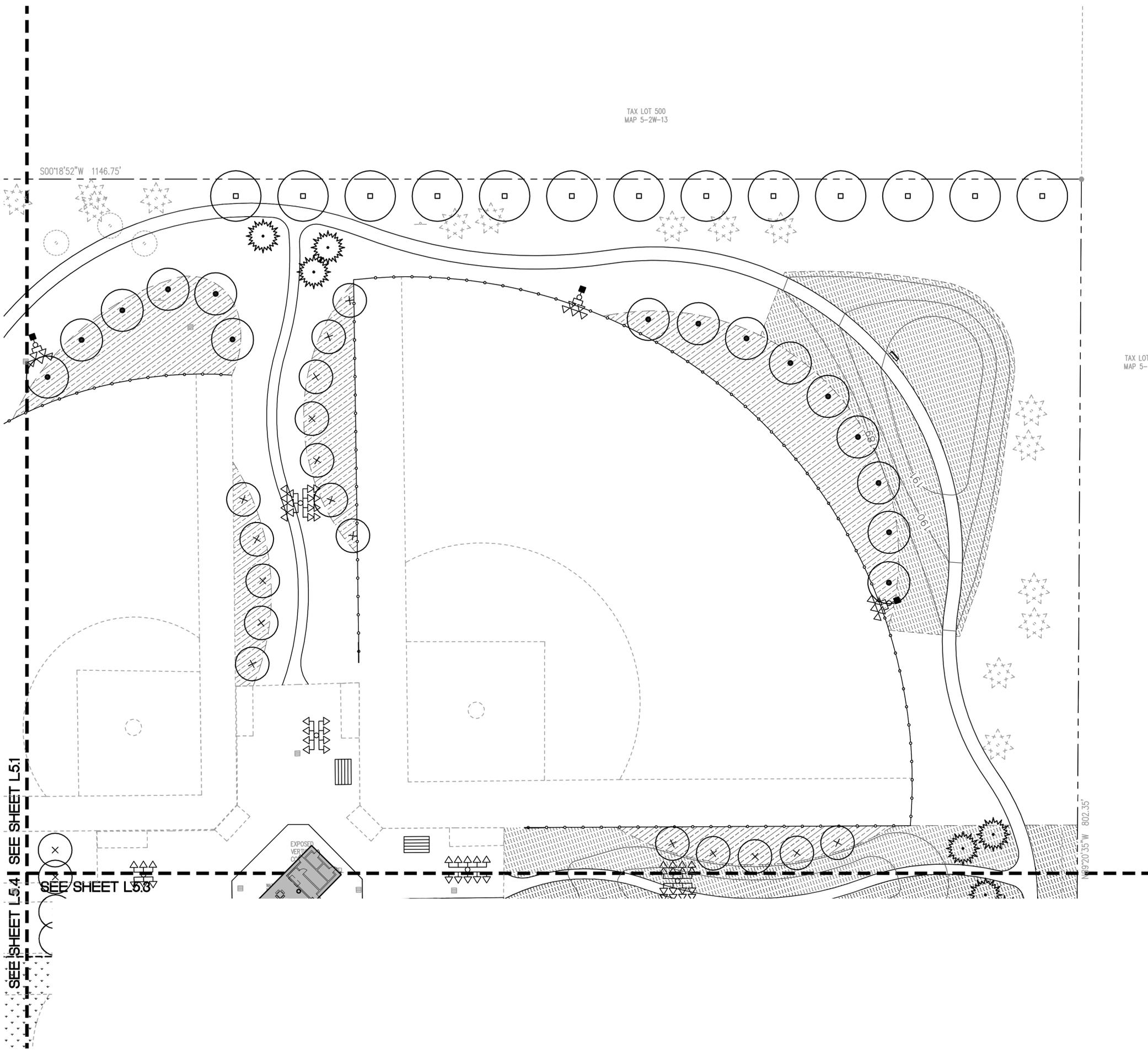
JOB NO. 2080437.00



1 PLANTING AT SPLASH PAD - ALT. A1
 L5.1 1"=30'



100% SET - MARCH 8, 2009



PLANT MATERIAL SCHEDULE

SYMBOL	BOTANICAL NAME – COMMON NAME	SIZE/SPACING
TREES		
	ACER RUBRUM RED MAPLE	2" CAL. AS SHOWN
	FRAXINUS OXYCARPA 'RAYWOOD' RAYWOOD ASH	2" CAL. AS SHOWN
	PLATANUS ACERIFOLIA LONDON PLANETREE	2" CAL. AS SHOWN
	THUJA PLICATA WESTERN RED CEDAR	6-7' HT. AS SHOWN
GRASSES		
	HELIOTRICHON SEMPERVIRENS BLUE OAT GRASS	2 GAL. 18" O.C.
	DESCHAMPSIA CESPITOSA TUFTED HAIRGRASS	SEED 5oz/1000 SF
SEED MIXES		
	MIX TYPE 1, SEE NOTE 2 BELOW AND SPECS.	
	MIX TYPE 2, SEE SPECS.	
	MIX TYPE 3, SEE SPECS.	
	SKINNED INFIELD, SEE SPECS.	

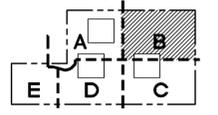
PLANTING NOTES

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- CONTRACTOR TO SEED ALL AREAS DISTURBED BY CONSTRUCTION NOT SHOWN TO RECEIVE ANOTHER TYPE OF PLANTING WITH THIS GENERAL PURPOSE SEED MIX.
- CONTRACTOR TO STOCKPILE AND REUSE SKINNED INFIELD MATERIAL REMOVED FROM FIELD ONE DUE TO GRADING, SEE CIVIL PLANS.

GENERAL NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.

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 Architecture
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KEY MAP

Project
**CENTENNIAL PARK
 PHASE III**



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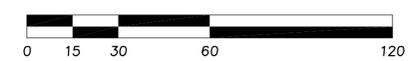
REVISION	REVISIONS THIS SHEET	REVISION DELTA	CLOSING DATE

**SHEET TITLE:
 PLANTING
 PLAN**

DRAWN BY: TMK
 CHECKED BY: DKJ
 SHEET:

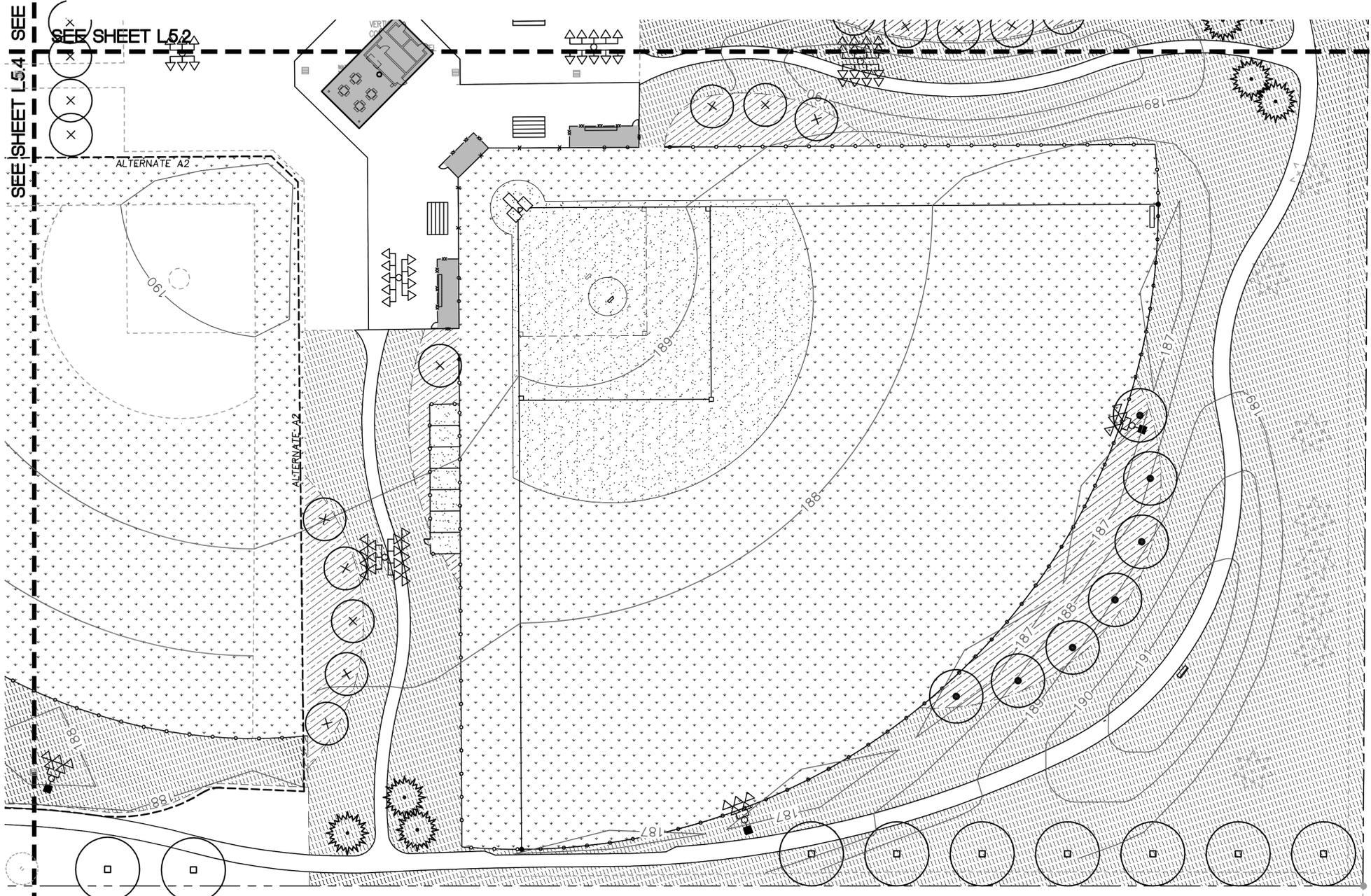
L5.2

JOB NO. **2080437.00**



100% SET - MARCH 8, 2009

SEE SHEET L5.4 SEE SHEET L5.1



TAX LC
MAP 5

PLANT MATERIAL SCHEDULE

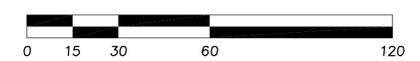
SYMBOL	BOTANICAL NAME - COMMON NAME	SIZE/SPACING
TREES		
	ACER RUBRUM RED MAPLE	2" CAL. AS SHOWN
	FRAXINUS OXYCARPA 'RAYWOOD' RAYWOOD ASH	2" CAL. AS SHOWN
	PLATANUS ACERIFOLIA LONDON PLANETREE	2" CAL. AS SHOWN
	THUJA PLICATA WESTERN RED CEDAR	6-7' HT. AS SHOWN
GRASSES		
	HELIOTRICHON SEMPERVIRENS BLUE OAT GRASS	2 GAL. 18" O.C.
	DESCHAMPSIA CESPITOSA TUFTED HAIRGRASS	SEED 5oz/1000 SF
SEED MIXES		
	MIX TYPE 1, SEE NOTE 2 BELOW AND SPECS.	
	MIX TYPE 2, SEE SPECS.	
	MIX TYPE 3, SEE SPECS.	
	SKINNED INFIELD, SEE SPECS.	

PLANTING NOTES

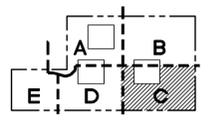
1. CONTRACTOR TO REMOVE AND CLEAR ALL EXISTING PLANT MATERIAL WHERE NEW PLANT MATERIAL IS PROPOSED. FULLY ELIMINATE ALL WEEDS (SEE SPECIFICATION) PRIOR TO NEW PLANT AND SEED INSTALLATION.
2. CONTRACTOR TO SEED ALL AREAS DISTURBED BY CONSTRUCTION NOT SHOWN TO RECEIVE ANOTHER TYPE OF PLANTING WITH THIS GENERAL PURPOSE SEED MIX.
3. CONTRACTOR TO STOCKPILE AND REUSE SKINNED INFIELD MATERIAL REMOVED FROM FIELD ONE DUE TO GRADING, SEE CIVIL PLANS.

GENERAL NOTES

1. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
2. EXISTING TREES TO REMAIN SHOWN ON PLANS IN DASHED LINE SYMBOLS. PROTECT PER D1.1 AND SECTION 01 15 33.
3. SEE SURVEY SHEETS FOR EXISTING IMPROVEMENTS. ON SHEET D1.1, SURVEYED WORK IS DEPICTED IN SOLID LINES; NON-SURVEYED SITE INFORMATION IS SHOWN IN DASHED LINES FOR REFERENCE ONLY. ON ALL OTHER SHEETS, BOTH SURVEYED AND NON-SURVEYED EXISTING SITE IMPROVEMENTS ARE SHOWN WITH DASHED LINES; PROPOSED IMPROVEMENTS ARE SHOWN WITH SOLID LINES.
4. WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.



GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning
 Landscape Architecture
 Vancouver WA 360.696.7879
 Seattle WA 206.749.9993
 Portland OR 503.224.8660



KEY MAP

Project
**CENTENNIAL PARK
PHASE III**



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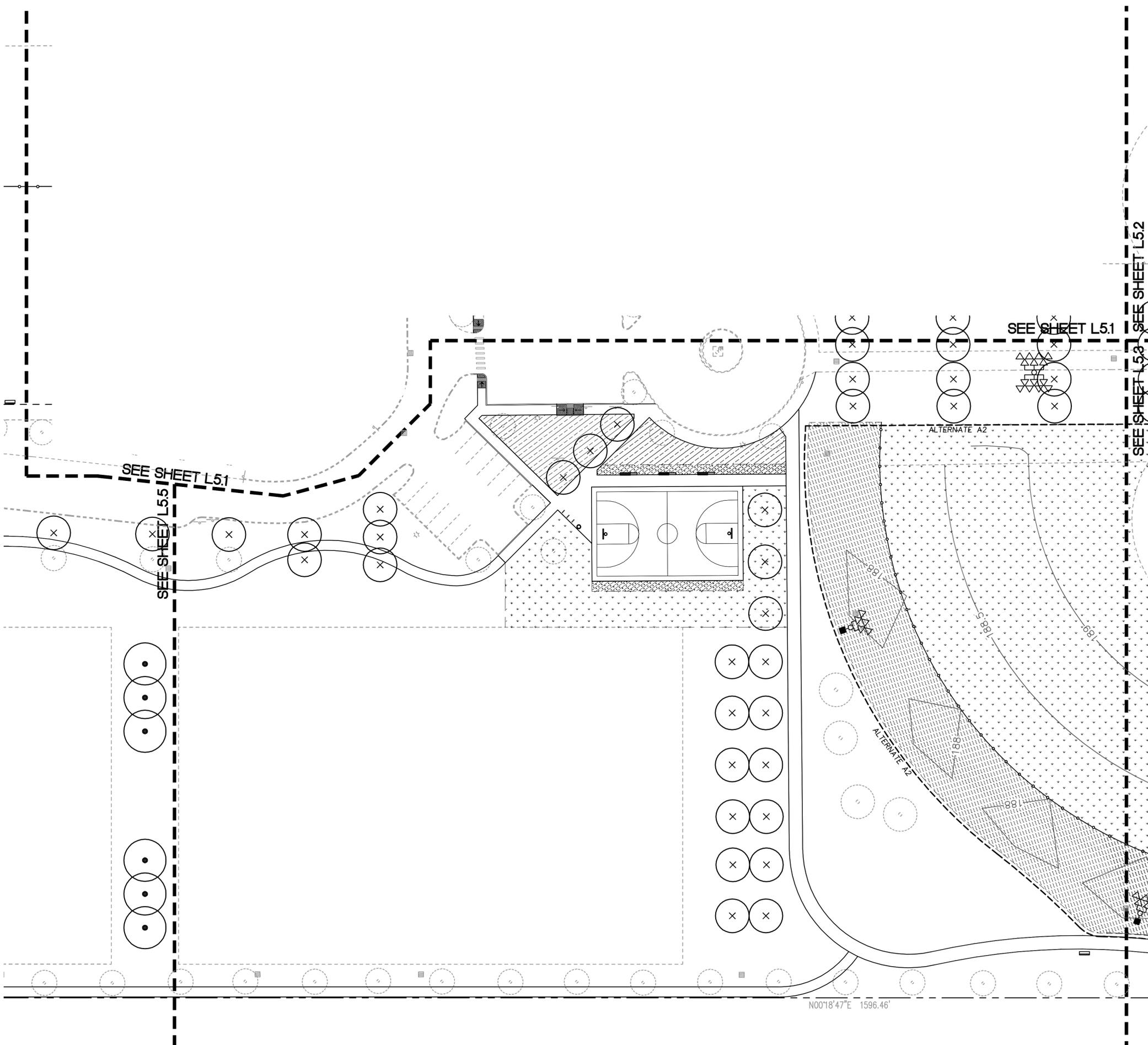
**SHEET TITLE:
PLANTING
PLAN**

DRAWN BY: TMK
CHECKED BY: DKJ
SHEET:

L5.3

JOB NO. **2080437.00**

100% SET - MARCH 8, 2009



PLANT MATERIAL SCHEDULE

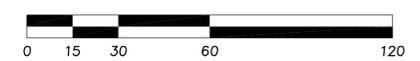
SYMBOL	BOTANICAL NAME – COMMON NAME	SIZE/SPACING
TREES		
	ACER RUBRUM RED MAPLE	2" CAL. AS SHOWN
	FRAXINUS OXYCARPA 'RAYWOOD' RAYWOOD ASH	2" CAL. AS SHOWN
	PLATANUS ACERIFOLIA LONDON PLANETREE	2" CAL. AS SHOWN
	THUJA PLICATA WESTERN RED CEDAR	6-7' HT. AS SHOWN
GRASSES		
	HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS	2 GAL. 18" O.C.
	DESCHAMPSIA CESPITOSA TUFTED HAIRGRASS	SEED 5oz/1000 SF
SEED MIXES		
	MIX TYPE 1, SEE NOTE 2 BELOW AND SPECS.	
	MIX TYPE 2, SEE SPECS.	
	MIX TYPE 3, SEE SPECS.	
	SKINNED INFIELD, SEE SPECS.	

PLANTING NOTES

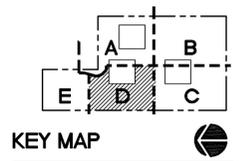
- CONTRACTOR TO REMOVE AND CLEAR ALL EXISTING PLANT MATERIAL WHERE NEW PLANT MATERIAL IS PROPOSED. FULLY ELIMINATE ALL WEEDS (SEE SPECIFICATION) PRIOR TO NEW PLANT AND SEED INSTALLATION.
- CONTRACTOR TO SEED ALL AREAS DISTURBED BY CONSTRUCTION NOT SHOWN TO RECEIVE ANOTHER TYPE OF PLANTING WITH THIS GENERAL PURPOSE SEED MIX.
- CONTRACTOR TO STOCKPILE AND REUSE SKINNED INFIELD MATERIAL REMOVED FROM FIELD ONE DUE TO GRADING, SEE CIVIL PLANS.

GENERAL NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS, ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE PRIOR TO SUBSTANTIAL COMPLETION.
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- WHERE ASPHALT AND CONCRETE MEET, PROTECT THE CONCRETE TO REMAIN CLEAN AND UNSTAINED.



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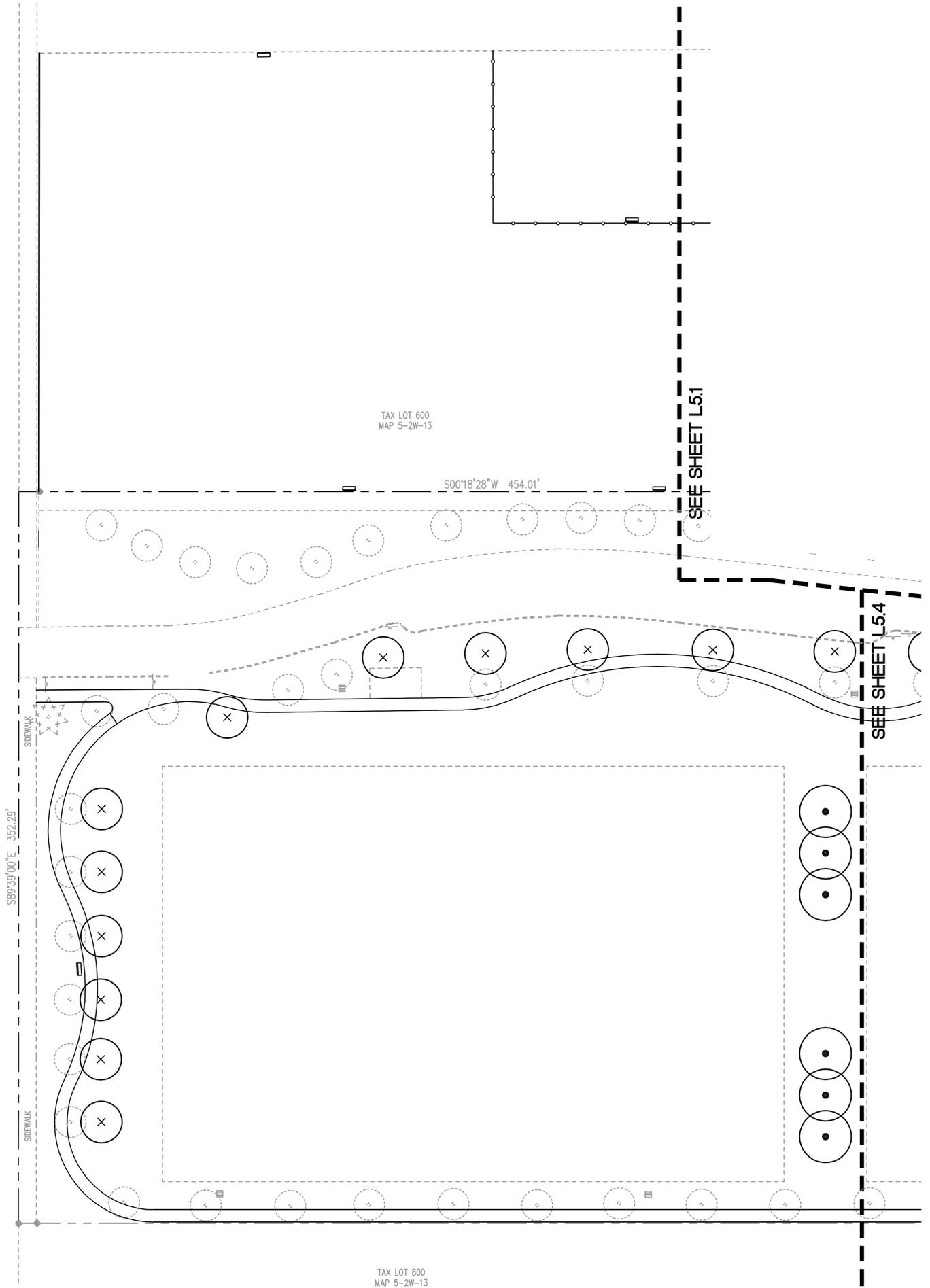
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REVISION	REVISIONS THIS SHEET	REVISION CLOSING DATE	DELTA

SHEET TITLE:
PLANTING PLAN

DRAWN BY: TMK
CHECKED BY: DKJ
SHEET:

L5.4
JOB NO. 2080437.00



PLANT MATERIAL SCHEDULE

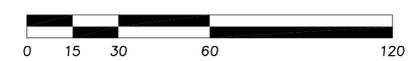
SYMBOL	BOTANICAL NAME – COMMON NAME	SIZE/SPACING
TREES		
	ACER RUBRUM RED MAPLE	2" CAL. AS SHOWN
	FRAXINUS OXYCARPA 'RAYWOOD' RAYWOOD ASH	2" CAL. AS SHOWN
	PLATANUS ACERIFOLIA LONDON PLANETREE	2" CAL. AS SHOWN
	THUJA PLICATA WESTERN RED CEDAR	6-7' HT. AS SHOWN
GRASSES		
	HELICTOTRICHON SEMPERVIRENS BLUE OAT GRASS	2 GAL. 18" O.C.
	DESCHAMPSIA CESPITOSA TUFTED HAIRGRASS	SEED 5oz/1000 SF
SEED MIXES		
	MIX TYPE 1, SEE NOTE 2 BELOW AND SPECS.	
	MIX TYPE 2, SEE SPECS.	
	MIX TYPE 3, SEE SPECS.	
	SKINNED INFIELD, SEE SPECS.	

PLANTING NOTES

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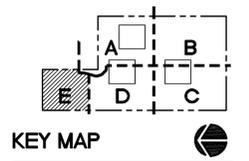


GROUP MACKENZIE

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**SHEET TITLE:
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PLAN**

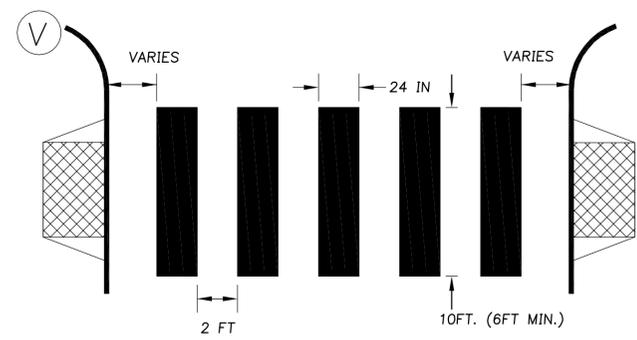
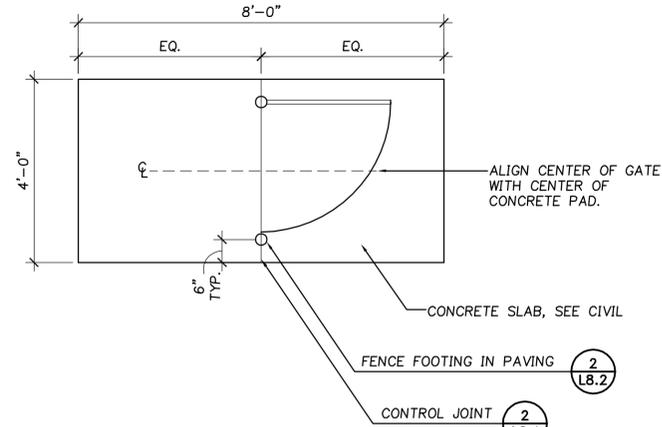
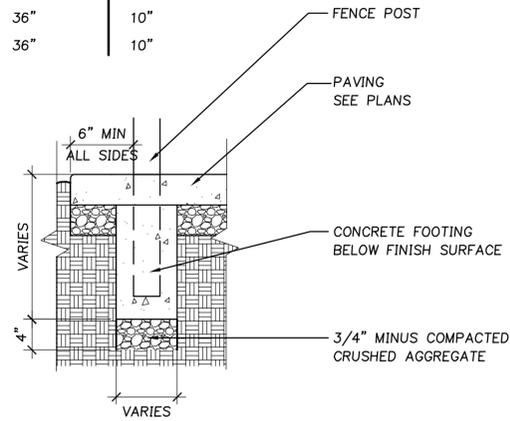
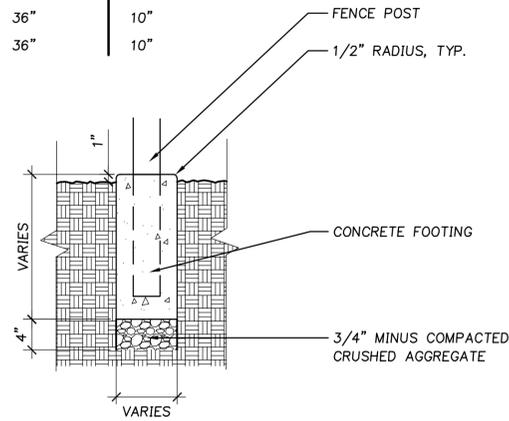
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L5.5
JOB NO. 2080437.00

100% SET - MARCH 8, 2009

FENCE HEIGHT	FOOTING DEPTH	FOOTING WIDTH
20'	PER MANUF.	12"
12'	36"	10"
8'	36"	10"
6'	36"	10"

FENCE HEIGHT	FOOTING DEPTH	FOOTING WIDTH
20'	PER MANUF.	12"
12'	36"	10"
8'	36"	10"
6'	36"	10"



1 FENCE FOOTING IN PLANTING
L8.2

2 FENCE FOOTING IN PAVING
L8.2

3 CONCRETE PAD AT GATE
L8.2

4 STAGGERED CONTINENTAL CROSSWALK
L8.2

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NO.	REVISIONS	REVISION DATE	DELTA

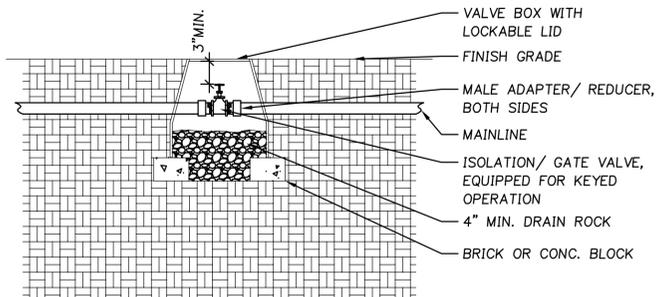
SHEET TITLE:
**SITE
 DETAILS**

DRAWN BY: TMK
 CHECKED BY: DKJ
 SHEET:

L8.2

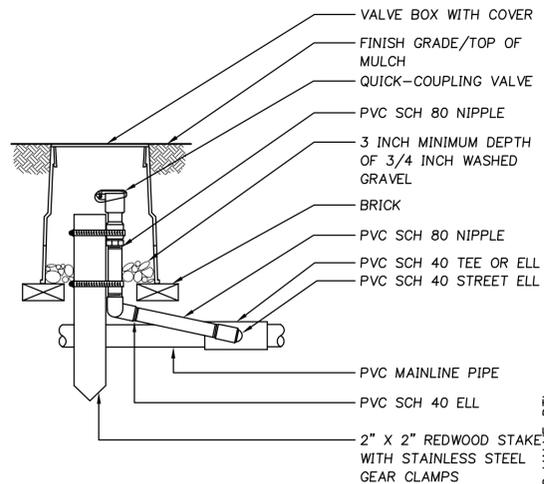
JOB NO. **2080437.00**

SCH 80 ADAPTER & FITTINGS TO BE SAME SIZE AS ISOLATION VALVE.



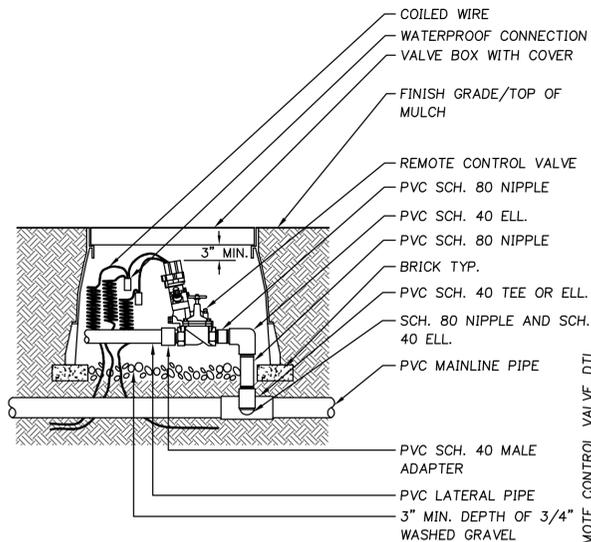
1 ISOLATION/GATE VALVE
L8.3 SCALE: NTS

ISOLATION/GATE VALVE_DTL



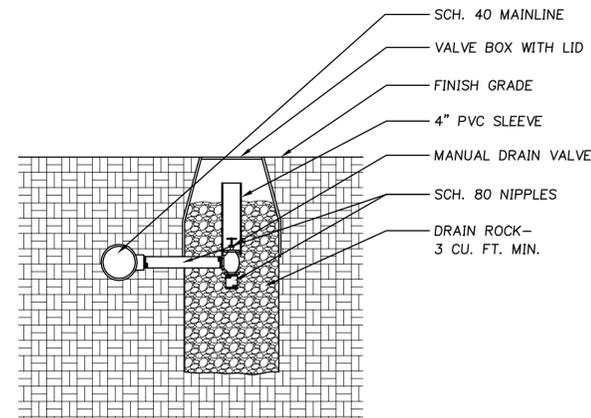
2 QUICK COUPLING VALVE
L8.3 SCALE: NTS

QUICK COUPLING VALVE_DTL



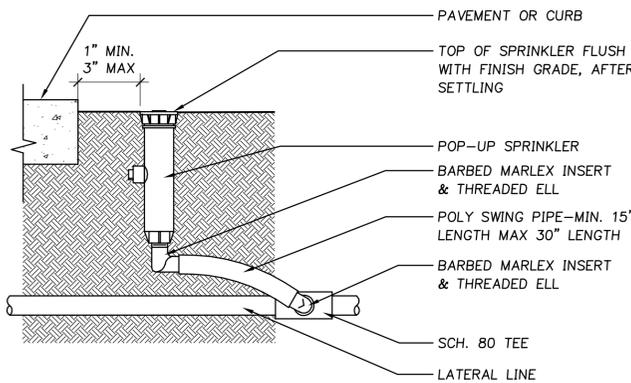
3 ELECTRIC REMOTE CONTROL VALVE
L8.3 SCALE: NTS

ELECTRIC REMOTE CONTROL VALVE_DTL



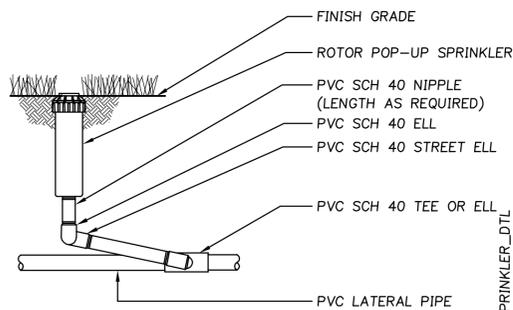
4 MANUAL DRAIN VALVE
L8.3 SCALE: NTS

MANUAL DRAIN VALVE_DTL3.0



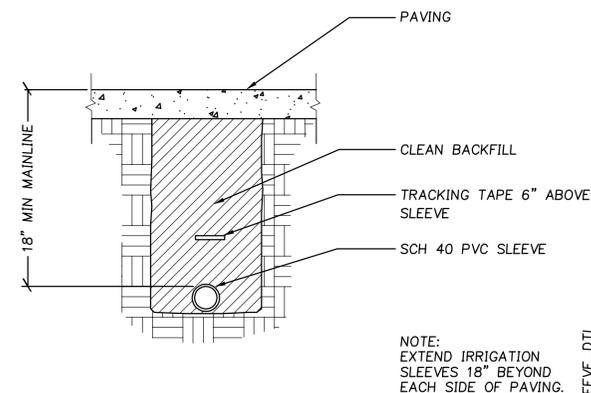
5 SPRAY POP-UP SPRINKLER
L8.3 SCALE: NTS

SPRAY_HEAD



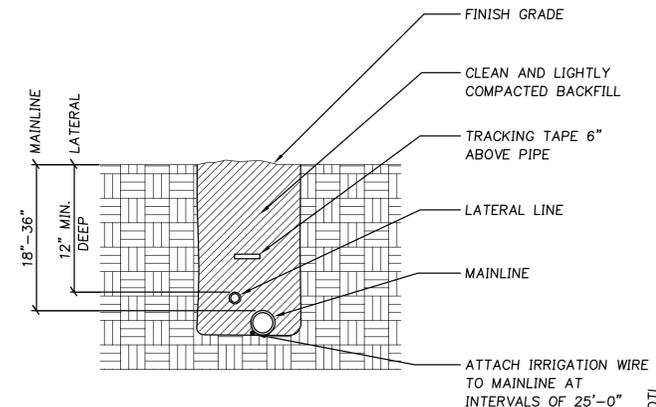
6 ROTOR POP-UP SPRINKLER
L8.3 SCALE: NTS

ROTOR POP-UP SPRINKLER_DTL



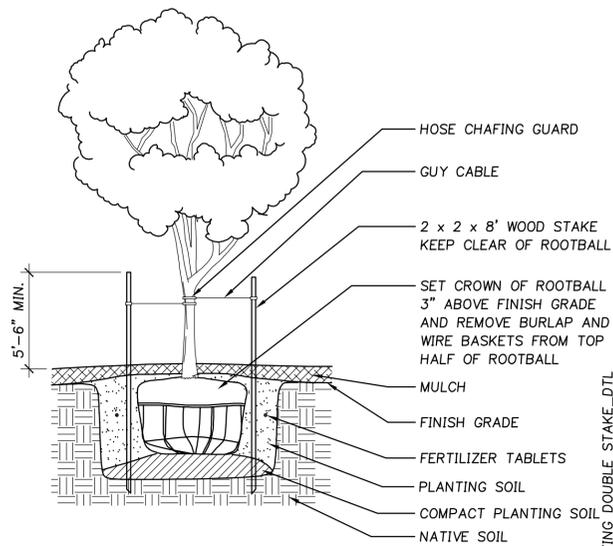
7 IRRIGATION SLEEVES AT PAVING
L8.3 SCALE: NTS

IRRIGATION SLEEVE_DTL



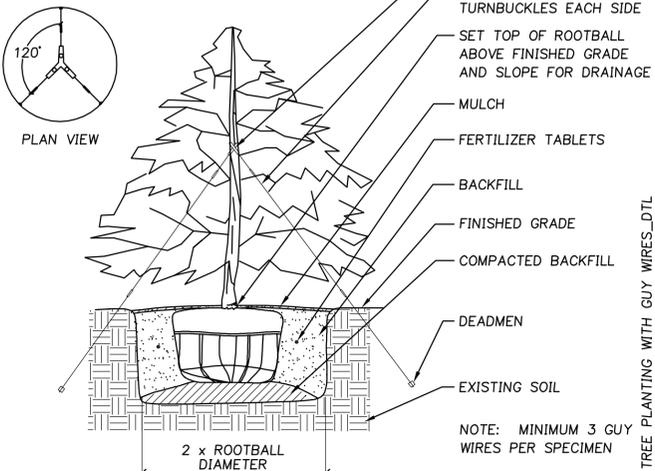
8 IRRIGATION TRENCH
L8.3 SCALE: NTS

IRRIGATION TRENCH_DTL



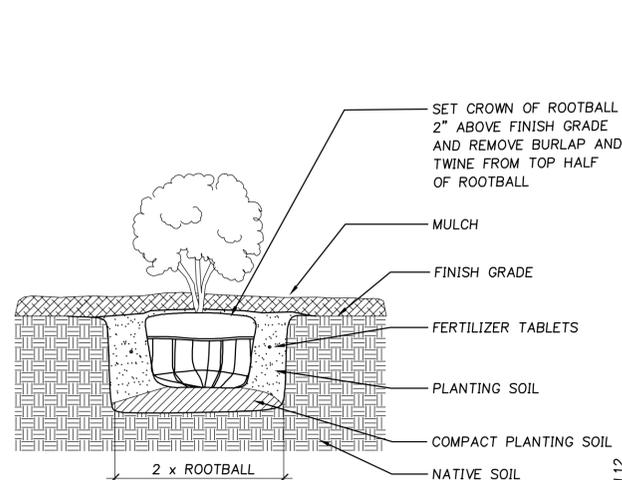
9 TREE PLANTING - DOUBLE STAKE
L8.3 SCALE: NTS

TREE PLANTING DOUBLE STAKE_DTL



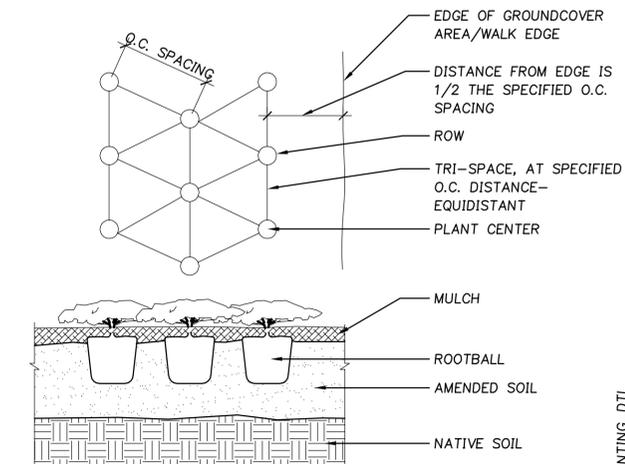
10 EVERGREEN TREE PLANTING- WITH GUY WIRES
L8.3 SCALE: NTS

EVERGREEN TREE PLANTING WITH GUY WIRES_DTL



11 CONTAINER/B+B SHRUB PLANTING
L8.3 SCALE: NTS

SHRUB DETAIL_DTL12



12 GROUNDCOVER PLANTING
L8.3 SCALE: NTS

GROUNDCOVER PLANTING_DTL

Project
**CENTENNIAL PARK
PHASE III**



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SHEET TITLE:
**IRRIGATION +
PLANTING DETAILS**

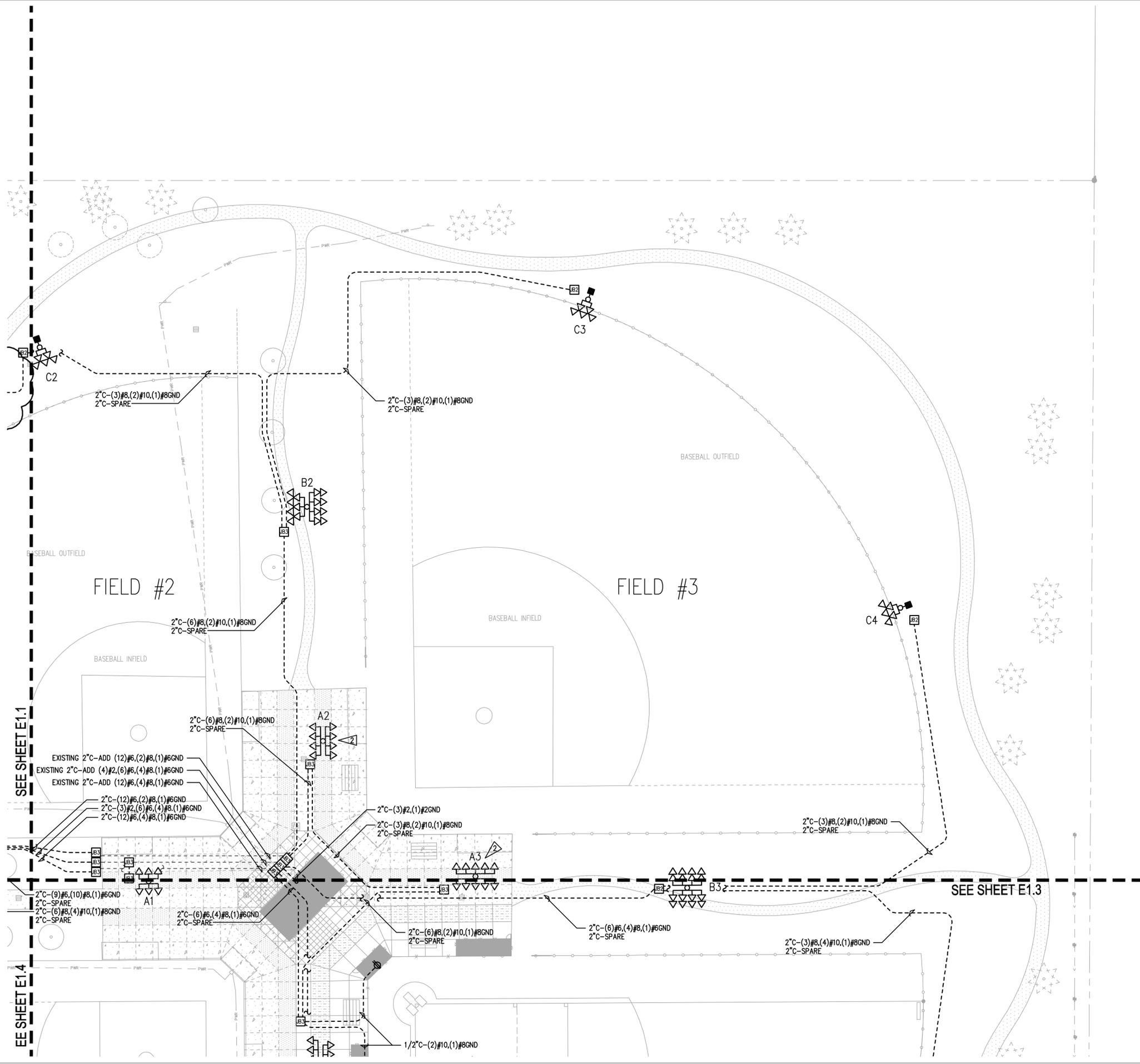
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CHECKED BY: DKJ
SHEET:

L8.3

JOB NO. **2080437.00**

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Architecture
Interior Design
Land Use Planning
Civil Engineering
Structural Engineering
Transportation Planning
Landscape Architecture
Vancouver WA 360.696.7879
Portland OR 503.224.8560
Seattle WA 206.749.9993



GENERAL SHEET NOTES

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR PRIOR TO SUBSTANTIAL COMPLETION.
- ALL LIGHT POLES AND LUMINAIRES, ALONG WITH ALL ASSOCIATED CONDUIT, CONDUCTORS AND JUNCTION BOXES SHALL BE PART OF BID ALTERNATE 3. ALL CONDUIT AND ASSOCIATED JUNCTION BOXES TO SOCCER FIELDS SHALL BE INCLUDED IN BID ALTERNATE 3 AS WELL.

SHEET FLAG NOTES:

- INTERCEPT EXISTING 2" CONDUITS WITH JUNCTION BOXES AS SHOWN. PULL CONDUCTORS THROUGH EXISTING CONDUIT AS INDICATED.
- PROVIDE 120 VOLT, GFI DUPLEX RECEPTACLE WITH WEATHERPROOF COVER IN POLE BASE. COORDINATE WITH POLE MANUFACTURER.

LEGEND

- STEEL FLOODLIGHTING STANDARD
- △ SHIELDED FLOODLIGHT, 1500 WATT, REMOTE BALLAST, 480 VOLT
- AREA LUMINAIRE, 400 WATT MH, 480 VOLT
- ⊠ TYPE 2 JUNCTION BOX
- ⊞ TYPE 3 JUNCTION BOX
- UNDERGROUND RACEWAY
- ⊕ WEATHERPROOF 120 VOLT GFI RECEPTACLE

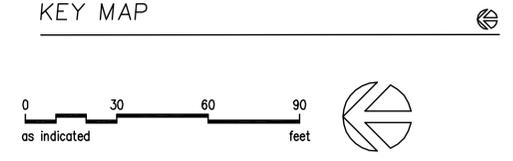
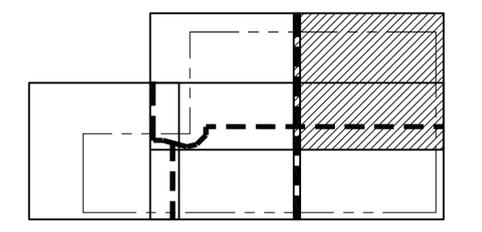
POLE AND FLOODLIGHT SCHEDULE

POLE	LENGTH	TOTAL
A2	70'	4/4
A3	70'	5/5
B2	80'	7/8
C2	60'	5
C3	70'	5
C4	70'	5
TOTAL		48

REQUIRED MINIMUM INITIAL LIGHTING LEVELS

INFIELD
 AVERAGE FC = 55.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.21 MAX.

OUTFIELD
 AVERAGE FC = 33.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.25 MAX.



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Project
CENTENNIAL PARK PHASE III

WOODBURN
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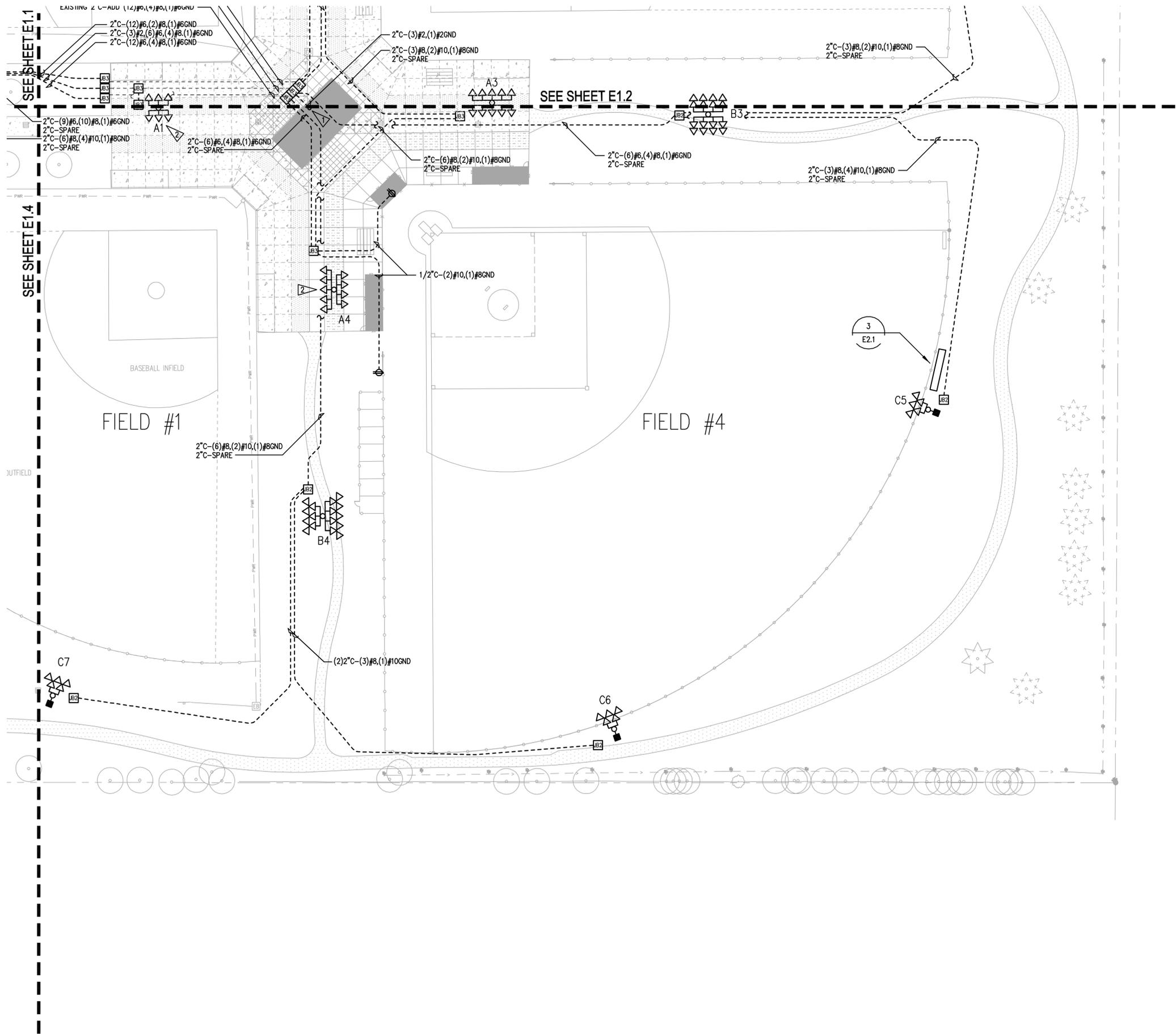
REVISION	DELTA	REVISION	DELTA

SHEET TITLE:
ELECTRICAL SITE PLAN

DRAWN BY:
 CHECKED BY:
 SHEET:

E1.2
 JOB NO. **2080437.00**

100% SET - MARCH 08, 2009



GENERAL SHEET NOTES

1. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS (HARDSCAPE, BUILDINGS, UTILITIES, VEGETATION, SITE FURNISHINGS ETC.) TO REMAIN. ANY ITEMS NOT INDICATED FOR DEMOLITION OR RELOCATION SHALL BE PROTECTED THROUGHOUT THE DURATION OF CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR PRIOR TO SUBSTANTIAL COMPLETION.
2. ALL LIGHT POLES AND LUMINAIRES, ALONG WITH ALL ASSOCIATED CONDUIT, CONDUCTORS AND JUNCTION BOXES SHALL BE PART OF BID ALTERNATE 3. ALL CONDUIT AND ASSOCIATED JUNCTION BOXES TO SOCCER FIELDS SHALL BE INCLUDED IN BID ALTERNATE 3 AS WELL.

SHEET FLAG NOTES

- 1. ROUTE CONDUIT AND CONDUCTORS TO BUILDING ELECTRICAL PANEL. COORDINATE WITH BUILDING PLANS.
- 2. PROVIDE 120 VOLT, GFI DUPLEX RECEPTACLE WITH WEATHERPROOF COVER IN POLE BASE. COORDINATE WITH POLE MANUFACTURER.

LEGEND

- STEEL FLOODLIGHTING STANDARD
- △ SHIELDED FLOODLIGHT, 1500 WATT, REMOTE BALLAST, 480 VOLT
- AREA LUMINAIRE, 400 WATT MH, 480 VOLT
- TYPE 2 JUNCTION BOX
- TYPE 3 JUNCTION BOX
- UNDERGROUND RACEWAY
- ⊕ WEATHERPROOF 120 VOLT RECEPTACLE

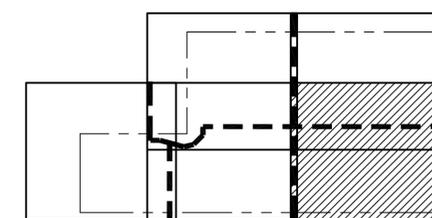
POLE AND FLOODLIGHT SCHEDULE

POLE	LENGTH	TOTAL
A1	70'	3/3
A4	70'	5/4
B3	80'	8/8
B4	60'	7/9
C5	70'	5
C6	70'	5
C7	60'	5
TOTAL		57

REQUIRED MINIMUM INITIAL LIGHTING LEVELS

INFIELD
 AVERAGE FC = 55.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.21 MAX.

OUTFIELD
 AVERAGE FC = 33.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.25 MAX.



KEY MAP

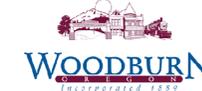


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SHEET TITLE:

ELECTRICAL SITE PLAN

DRAWN BY:

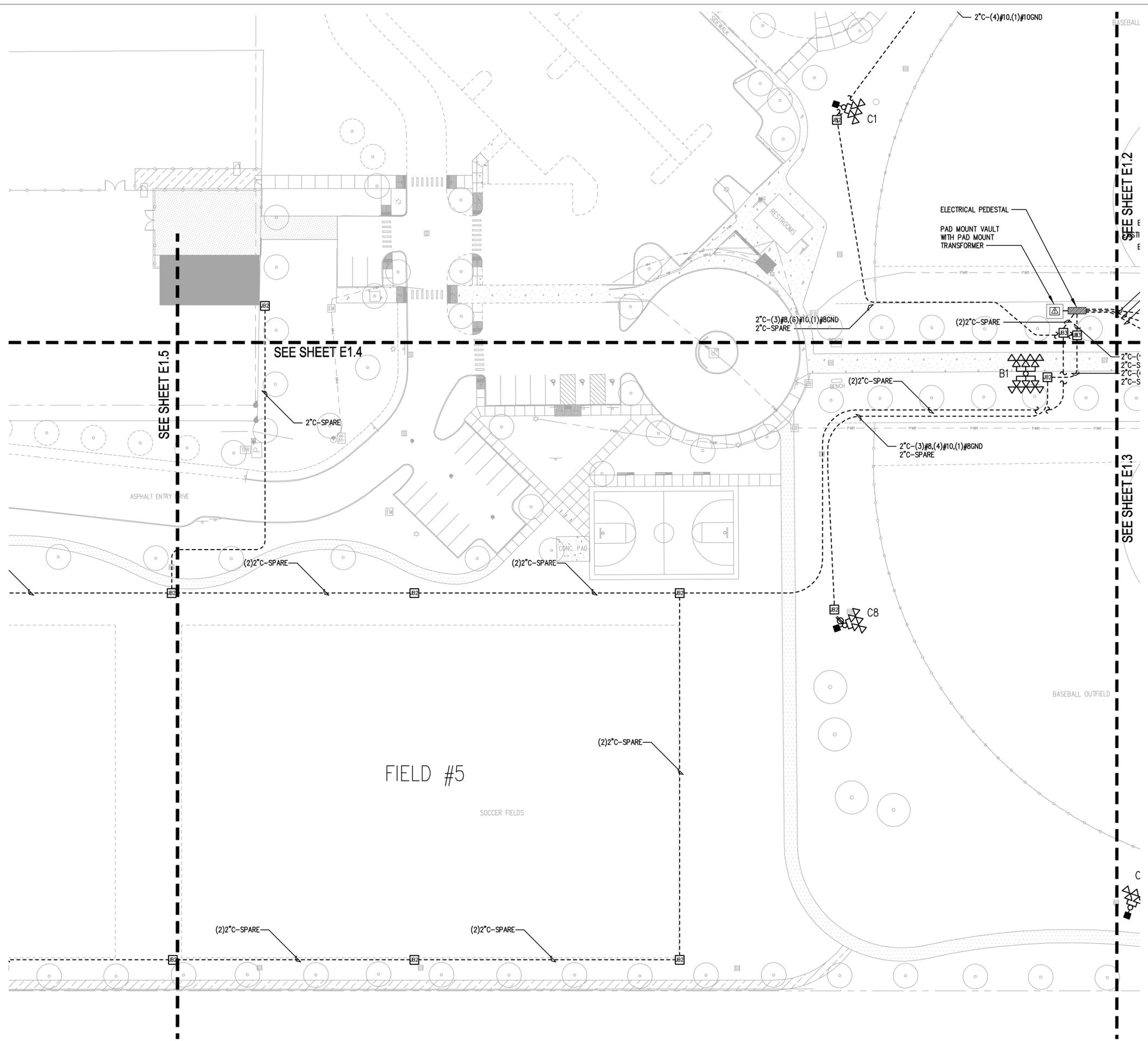
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SHEET:

E1.3

JOB NO. **2080437.00**

100% SET - MARCH 08, 2009



GENERAL SHEET NOTES

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- ALL LIGHT POLES AND LUMINAIRES, ALONG WITH ALL ASSOCIATED CONDUIT, CONDUCTORS AND JUNCTION BOXES SHALL BE PART OF BID ALTERNATE 3. ALL CONDUIT AND ASSOCIATED JUNCTION BOXES TO SOCCER FIELDS SHALL BE INCLUDED IN BID ALTERNATE 3 AS WELL.

LEGEND

- STEEL FLOODLIGHTING STANDARD
- △ SHIELDED FLOODLIGHT, 1500 WATT, REMOTE BALLAST, 480 VOLT
- AREA LUMINAIRE, 400 WATT MH, 480 VOLT
- B2 TYPE 2 JUNCTION BOX
- B3 TYPE 3 JUNCTION BOX
- - - UNDERGROUND RACEWAY
- ⊕ WEATHERPROOF 120 VOLT RECEPTACLE

POLE AND FLOODLIGHT SCHEDULE

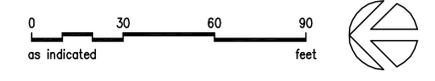
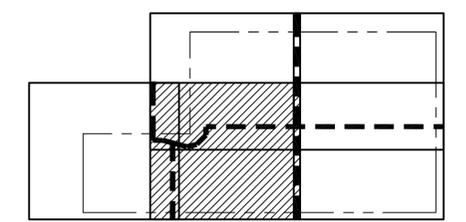
POLE	LENGTH	TOTAL
B1	60'	14
C8	60'	5
S4	70'	5
S5	70'	5
S6	70'	5
S7	70'	5
TOTAL		39

REQUIRED MINIMUM INITIAL LIGHTING LEVELS

INFIELD
 AVERAGE FC = 55.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.21 MAX.

OUTFIELD
 AVERAGE FC = 33.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.25 MAX.

SOCCER
 AVERAGE FC = 33.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.25 MAX.



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 Vancouver WA 360.696.7679
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Project
CENTENNIAL PARK PHASE III

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SHEET TITLE:

ELECTRICAL SITE PLAN

DRAWN BY:

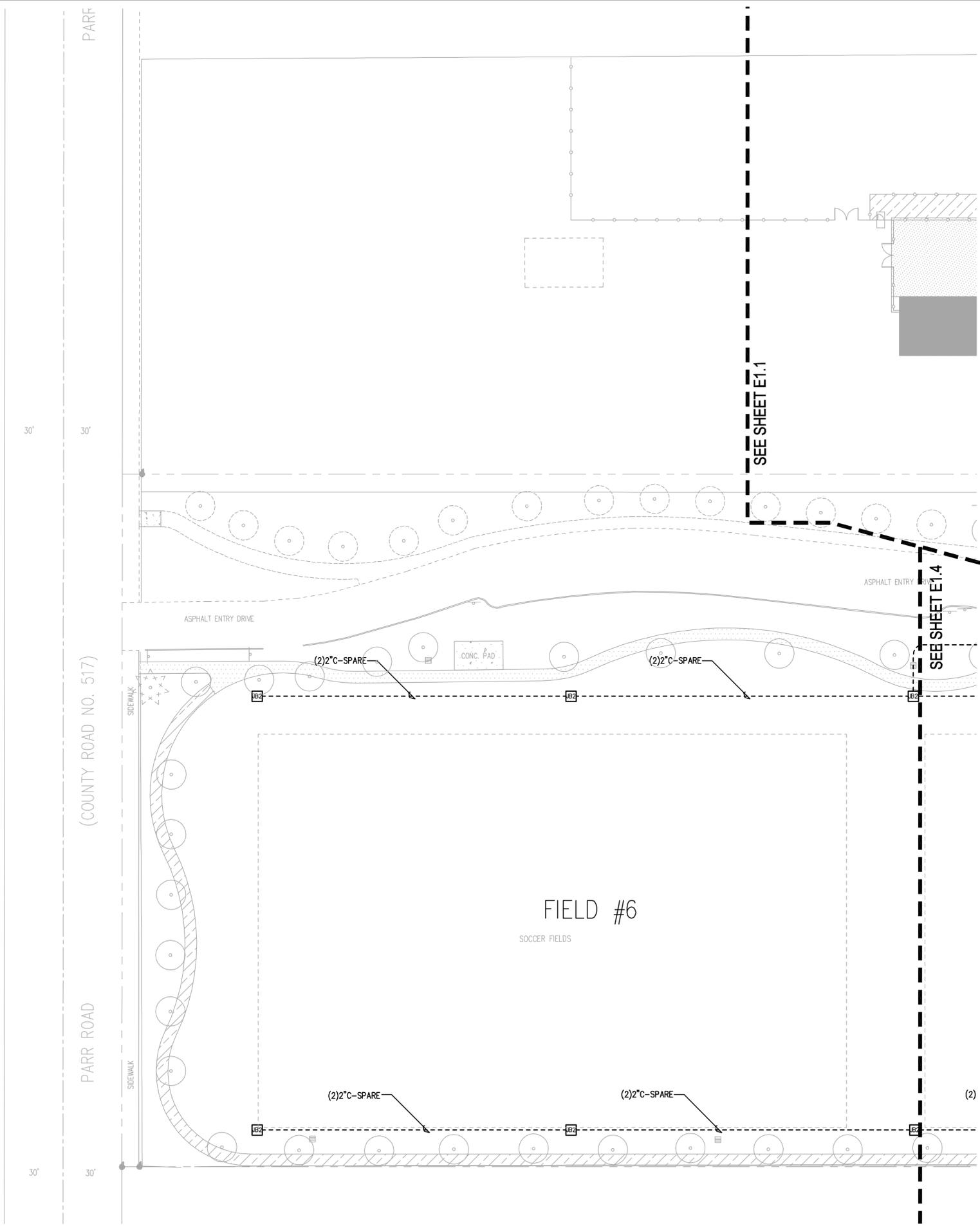
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SHEET:

E1.4

JOB NO. **2080437.00**

100% SET - MARCH 08, 2009



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LEGEND

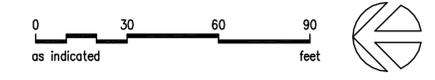
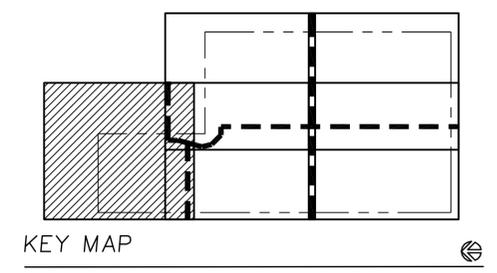
- STEEL FLOODLIGHTING STANDARD
- ▽ SHIELDED FLOODLIGHT, 1500 WATT, REMOTE BALLAST, 480 VOLT
- AREA LUMINAIRE, 400 WATT MH, 480 VOLT
- JB2 TYPE 2 JUNCTION BOX
- UNDERGROUND RACEWAY

POLE AND FLOODLIGHT SCHEDULE

POLE	LENGTH	TOTAL
S1	70'	5
S2	70'	5
S3	70'	10
S8	70'	10
S9	70'	5
S10	70'	5
TOTAL		40

REQUIRED MINIMUM INITIAL LIGHTING LEVELS

SOCCER
 AVERAGE FC = 33.0 MIN.
 MAXIMUM/MINIMUM = 2.5 MAX.
 COEFFICIENT OF VARIATION = 0.25 MAX.



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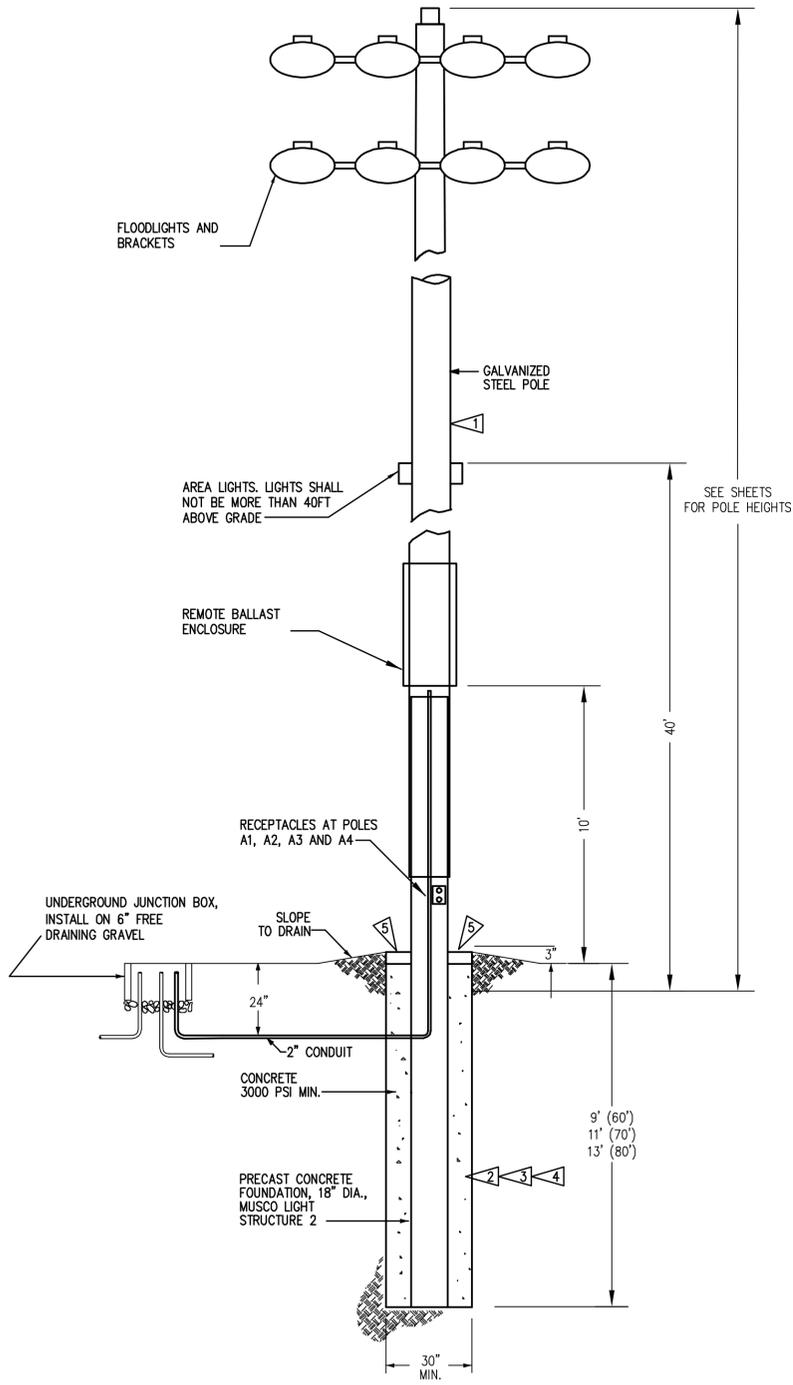
REVISION DELTA	REVISION DELTA CLOSING DATE

SHEET TITLE:
ELECTRICAL SITE PLAN

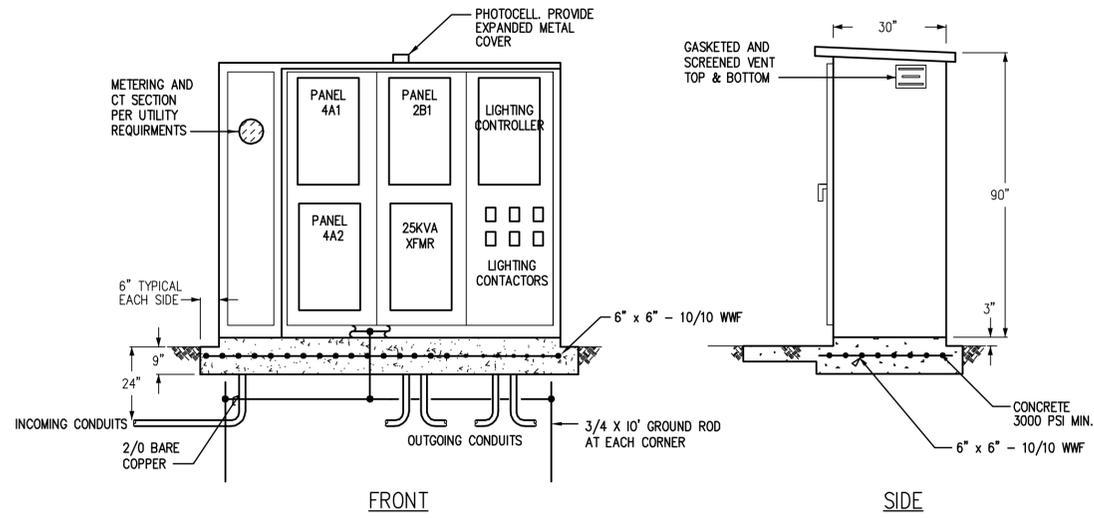
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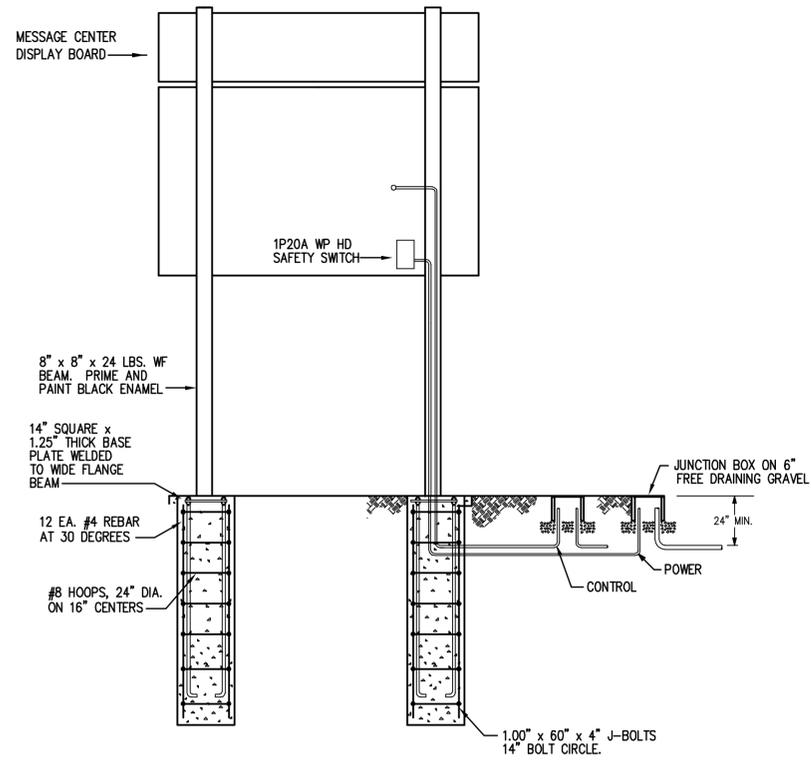
JOB NO. **2080437.00**



1 STEEL POLE DETAIL
E2.1 SCALE: NONE



2 PEDESTAL PANEL DETAIL
E2.1 SCALE: NONE



3 BASEBALL FIELD SCOREBOARD DETAIL
E2.1 SCALE: NONE

SHEET FLAG NOTES

- 1 SUPPLIER OF GALVANIZED STEEL POLE TO PROVIDE STRUCTURAL CALCULATIONS FROM A LICENSED STRUCTURAL ENGINEER REGISTERED IN THE STATE OF OREGON. CALCULATION TO INCLUDE WIND AND SEISMIC LOADS PER IBC 2003. SUBMIT WITH MANUFACTURER SHOP DRAWINGS DURING SUBMITTAL PHASE OF THE PROJECT.
- 2 CONTRACTOR TO PROVIDE FOUNDATION AND STRUCTURAL CALCULATIONS FROM A STRUCTURAL ENGINEER LICENSED IN THE STATE OF OREGON. CALCULATION TO INCLUDE WIND AND SEISMIC LOADS PER IBC 2003. SUBMIT WITH MANUFACTURER SHOP DRAWINGS DURING SUBMITTAL PHASE OF THE PROJECT.
- 3 CONTRACTOR TO REFER TO SOILS REPORT IN PROJECT MANUAL TO ASSESS CONDITIONS AFFECTING DRILLING FOR INSTALLATION OF POLE FOUNDATIONS.
- 4 ALTERNATE FOUNDATION DESIGN ALLOWED.
- 5 PROVIDE MOW STRIP AT TOP OF FOUNDATION. SMOOTH FINISH CONCRETE AND SET AT GRADE. CONDUIT RISER SHALL BE INSTALLED FLUSH TO POLE PRIOR TO POURING CONCRETE.

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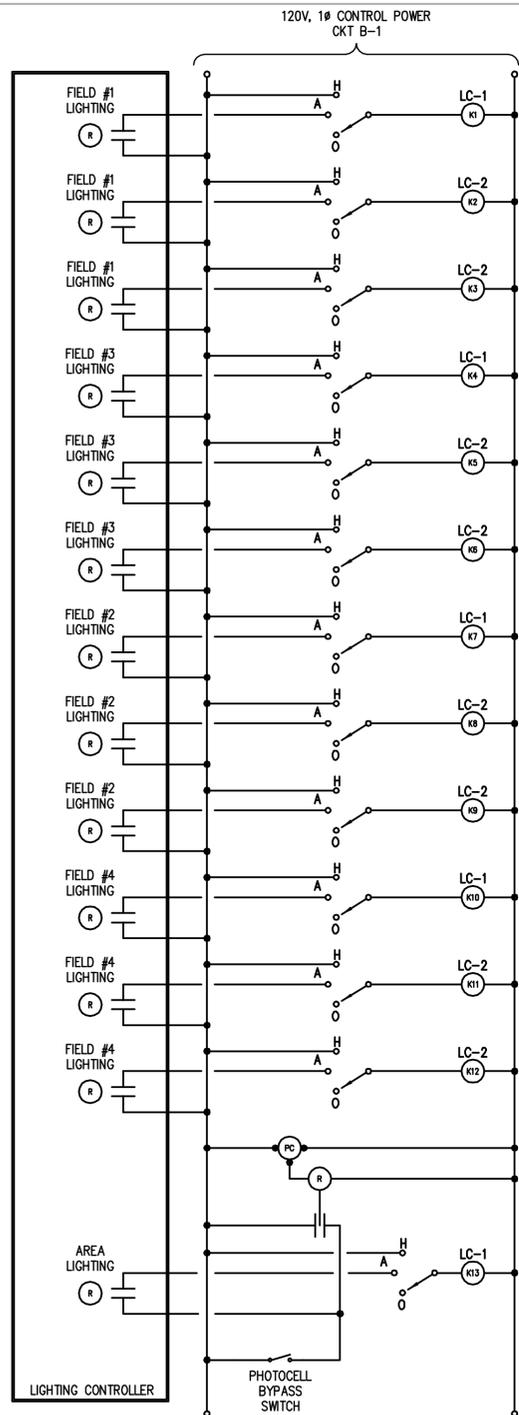
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ELECTRICAL DETAILS

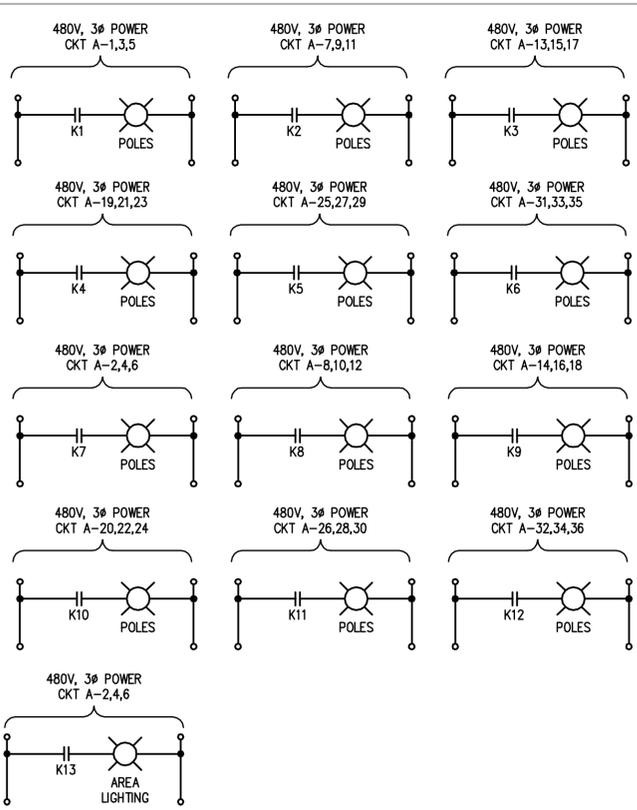
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SHEET:

E2.1

JOB NO. **2080437.00**



1 LIGHTING CONTROL LOGIC
E2.2 SCALE: NONE



Sparling Name: 2B1, Location: 120/208V, 3 PH 4W, 125A Main CB, Type: Panelboard 14,000 AIC

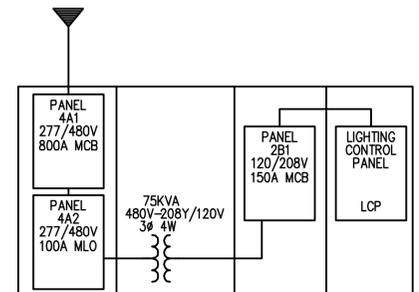
#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1	Space	0.00	0/1		X			20/1	CB	0.20	Receipt Pedestal	2
3	Receipt Pole A1	0.50	20/1	CB	X			20/1	CB	0.50	Receipt Pole A2	4
5	Receipt Pole A3	0.50	20/1	CB	X			20/1	CB	0.50	Receipt Pole A4	6
7	Equip Scoreboard	0.20	20/1	CB	X			20/1	CB	0.50	Receipt Picnic Shelter	8
9	Space	0.00	0/1		X			20/1	CB	0.50	Receipt Picnic Shelter	10
11	Space	0.00	0/1		X			0/1		0.00	Space	12
13	Space	0.00	0/1		X			0/1		0.00	Space	14
15	Space	0.00	0/1		X			0/1		0.00	Space	16
17	Space	0.00	0/1		X			0/1		0.00	Space	18
19	Space	0.00	0/1		X			0/1		0.00	Space	20
21	Space	0.00	0/1		X			0/1		0.00	Space	22
23	Space	0.00	0/1		X			0/1		0.00	Space	24

Rev: Revised Ckts Marked * Existing Ckts Marked # B15398

File: J:\B15398\design\sched\Centennial Park.PNL

Load Type	Conn KVA	NEC Demand Factor	Dem. KVA	Dem. Amps	NEC Feed %	NEC Feed Amps
Equip	0.20	x 100%	0.20	1	x 100%	1
Lighting	3.20	10 KVA @ 100%, rest @ 50%	3.20	9	x 100%	9
Receipt	3.40		3.40	9		9

3 PANEL SCHEDULES
E2.2 SCALE: NONE



2 ONE-LINE DIAGRAM
E2.2 SCALE: NONE

- LEGEND**
- LC-1 LIGHTING CONTACTOR 3P30A
 - LC-2 LIGHTING CONTACTOR 3P60A
 - HOA SWITCH, SQUARE D 9001 SERIES
 - PHOTOCELL 105-285 V. 1800 VA.
 - SPST 120 V. OVERRIDE SWITCH
 - POLE LIGHTS
 - RELAY
 - NORMALLY OPEN CONTACTOR

Sparling Name: 4A1, Location: 277/480V, 3 PH 4W, 800A Main CB, Type: Panelboard 30,000 AIC

#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1	Lighting Field 1 - Poles A3, A4	5.10	30/3	CB	X			30/3	CB	5.10	Lighting Field #2 - Poles A2, A3	2
3	Field 1 - Poles A3, A4	5.10			X					5.10	Field #2 - Poles A2, A3	4
5	Field 1 - Poles A3, A4	5.10			X					5.10	Field #2 - Poles A2, A3	6
7	Lighting Field #1 - Poles B3, C5	8.50	40/3	CB	X			40/3	CB	8.50	Lighting Field #2 - Poles B2, C3	8
9	Field #1 - Poles B3, C5	8.50			X					8.50	Field #2 - Poles B2, C3	10
11	Field #1 - Poles B3, C5	8.50			X					8.50	Field #2 - Poles B2, C3	12
13	Lighting Field #1 - Poles B4, C6	8.50	40/3	CB	X			40/3	CB	8.50	Lighting Field #2 - Poles B3, C4	14
15	Field #1 - Poles B4, C6	8.50			X					8.50	Field #2 - Poles B3, C4	16
17	Field #1 - Poles B4, C6	8.50			X					8.50	Field #2 - Poles B3, C4	18
19	Lighting Field #3 - Poles A1, A2	5.10	30/3	CB	X			30/3	CB	5.10	Lighting Field #4 - Poles A1, A4	20
21	Field #3 - Poles A1, A2	5.10			X					5.10	Field #4 - Poles A1, A4	22
23	Field #3 - Poles A1, A2	5.10			X					5.10	Field #4 - Poles A1, A4	24
25	Lighting Field #3 - Poles B1, C1	8.50	40/3	CB	X			40/3	CB	8.50	Lighting Field #4 - Poles B4, C7	26
27	Field #3 - Poles B1, C1	8.50			X					8.50	Field #4 - Poles B4, C7	28
29	Field #3 - Poles B1, C1	8.50			X					8.50	Field #4 - Poles B4, C7	30
31	Lighting Field #3 - Poles B2, C2	8.50	40/3	CB	X			40/3	CB	8.50	Lighting Field #4 - Poles B5, C8	32
33	Field #3 - Poles B2, C2	8.50			X					8.50	Field #4 - Poles B5, C8	34
35	Field #3 - Poles B2, C2	8.50			X					8.50	Field #4 - Poles B5, C8	36
37	Lighting Area - Softball	3.00	20/3	CB	X			400/3	CB	35.40	Panel 4A2	38
39	Area - Softball	3.00			X					35.00	4A2	40
41	Area - Softball	3.00			X					35.00	4A2	42

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File: J:\B15398\design\sched\Centennial Park.PNL

Load Type	Conn KVA	NEC Demand Factor	Dem. KVA	Dem. Amps	NEC Feed %	NEC Feed Amps
Equip	1.20	x 100%	1.20	1	x 100%	1
Lighting	376.20	x 100%	376.20	452	x 125%	566
Receipt	2.20	10 KVA @ 100%, rest @ 50%	2.20	3	x 100%	3
	379.60		379.60	457		570

Sparling Name: 4A2, Location: 277/480V, 3 PH 4W, 400A Main CB, Type: Panelboard 30,000 AIC

#	Description	Load	CB	*	A	B	C	CB	*	Load	Description	#
1	Lighting Poles S1, S2, S3	8.50	40/3	CB	X			40/3	CB	8.50	Lighting Poles S3, S4, S5	2
3	Poles S1, S2, S3	8.50			X					8.50	Poles S3, S4, S5	4
5	Poles S1, S2, S3	8.50			X					8.50	Poles S3, S4, S5	6
7	Lighting Poles S8, S9, S10	8.50	40/3	CB	X			40/3	CB	8.50	Lighting Poles S6, S7, S8	8
9	Poles S8, S9, S10	8.50			X					8.50	Poles S6, S7, S8	10
11	Poles S8, S9, S10	8.50			X					8.50	Poles S6, S7, S8	12
13	Space	0.00	0/1		X			0/1		0.00	Space	14
15	Space	0.00	0/1		X			0/1		0.00	Space	16
17	Space	0.00	0/1		X			0/1		0.00	Space	18
19	Space	0.00	0/1		X			0/1		0.00	Space	20
21	Space	0.00	0/1		X			0/1		0.00	Space	22
23	Space	0.00	0/1		X			0/1		0.00	Space	24
25	Space	0.00	0/1		X			0/3		1.40	Panel 2B1	26
27	Space	0.00	0/1		X					1.00	2B1	28
29	Space	0.00	0/1		X					1.00	2B1	30

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File: J:\B15398\design\sched\Centennial Park.PNL

Load Type	Conn KVA	NEC Demand Factor	Dem. KVA	Dem. Amps	NEC Feed %	NEC Feed Amps
Equip	1.20	x 100%	1.20	1	x 100%	1
Lighting	102.00	x 100%	102.00	123	x 125%	153
Receipt	2.20	10 KVA @ 100%, rest @ 50%	2.20	3	x 100%	3
	105.40		105.40	127		157

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