

ASA SOFTBALL - PARKVIEW ADDITION

Rapid City, South Dakota

85% Design Review Submittal

PROJECT NO: 12-2043 / CIP NO. 50937
DW PROJECT NO: R12-386
DATE: March 18, 2013

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- B2 PARKING LANDSCAPE PLAN

- E1 ELECTRICAL SITE PLAN
- E2 ELECTRICAL DETAILS & SCHEDULES

OWNER:

City of Rapid City
300 6th Street
Rapid City, South Dakota
Phone: (605) 394-4145
Fax: (605) 394-6636

Contact: Rod Johnson
Public Works Dept.

CONSULTANTS:

LANDSCAPE ARCHITECTURE:

Designworks, Inc.
526 St. Joseph Street
Rapid City, SD 57701
Tel: (605) 394-0394
Contact: Randy Fisher, ASLA



STORMWATER MANAGEMENT:

Ferber Engineering, Inc.
729 East Watertown St.
Rapid City, SD 57701
Tel: (605) 343-3311
Contact: David Muck, P.E.

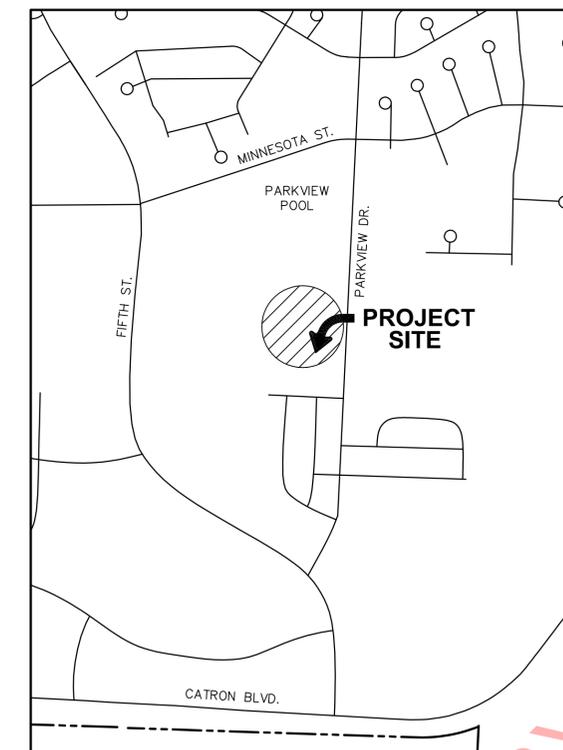


ELECTRICAL ENGINEERING:

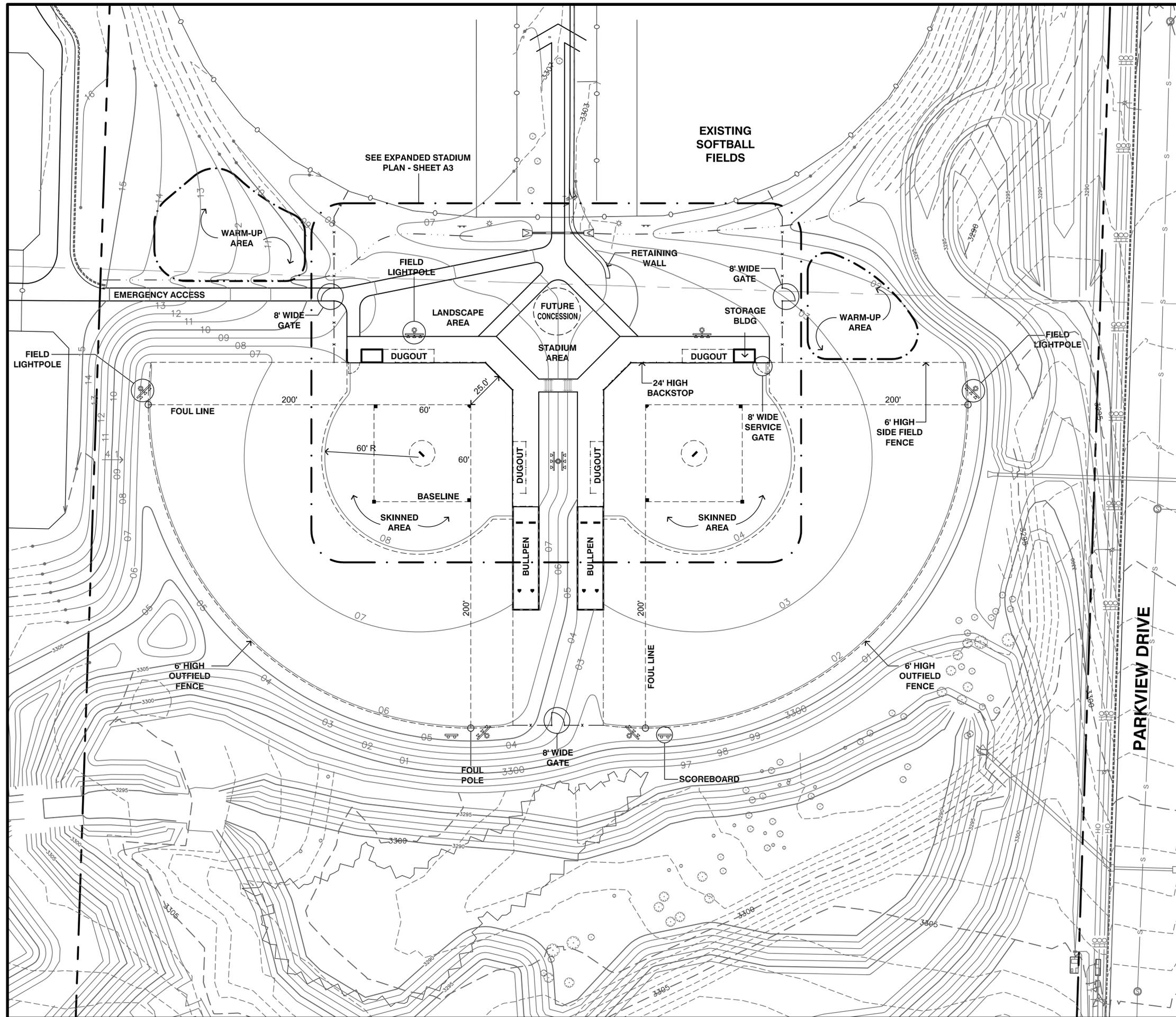
West Plain Engineering
1750 Rand Road
Rapid City, SD 57702
Tel: (605) 348-7455
Contact: Matt VonHaden, P.E.



VICINITY MAP



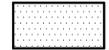
PRELIMINARY



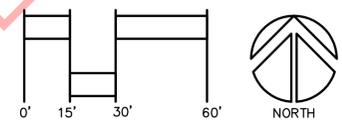
GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL PUBLIC AND PRIVATE UTILITIES IN THE PROJECT AREA PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ALL DISCREPANCIES. SOUTH DAKOTA ONE CALL NOTIFICATION: 800-781-7474.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL APPLICABLE CODES. NOTHING IN THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ALL APPROPRIATE SAFETY REGULATIONS.
- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD STAKING, LAYOUT, AND MAINTAINING FIELD REFERENCES AND BENCH MARKS.
- THE CONTRACTOR IS TO REVIEW FIELD STAKING WITH ARCHITECT PRIOR TO CONSTRUCTION.
- REFER TO IRRIGATION LAYOUT PLANS FOR PIPE SLEEVE LOCATIONS.

LEGEND:

-  ASPHALT PAVEMENT
-  CONCRETE WALKWAY PAVEMENT
- RP1  REFERENCE POINT
-  SURVEY CONTROL POINT
- R1  RADIUS POINT
- L1  LIGHT POLE
- P1  COORDINATE POINT

SOFTBALL FIELD LAYOUT PLAN



PRELIMINARY



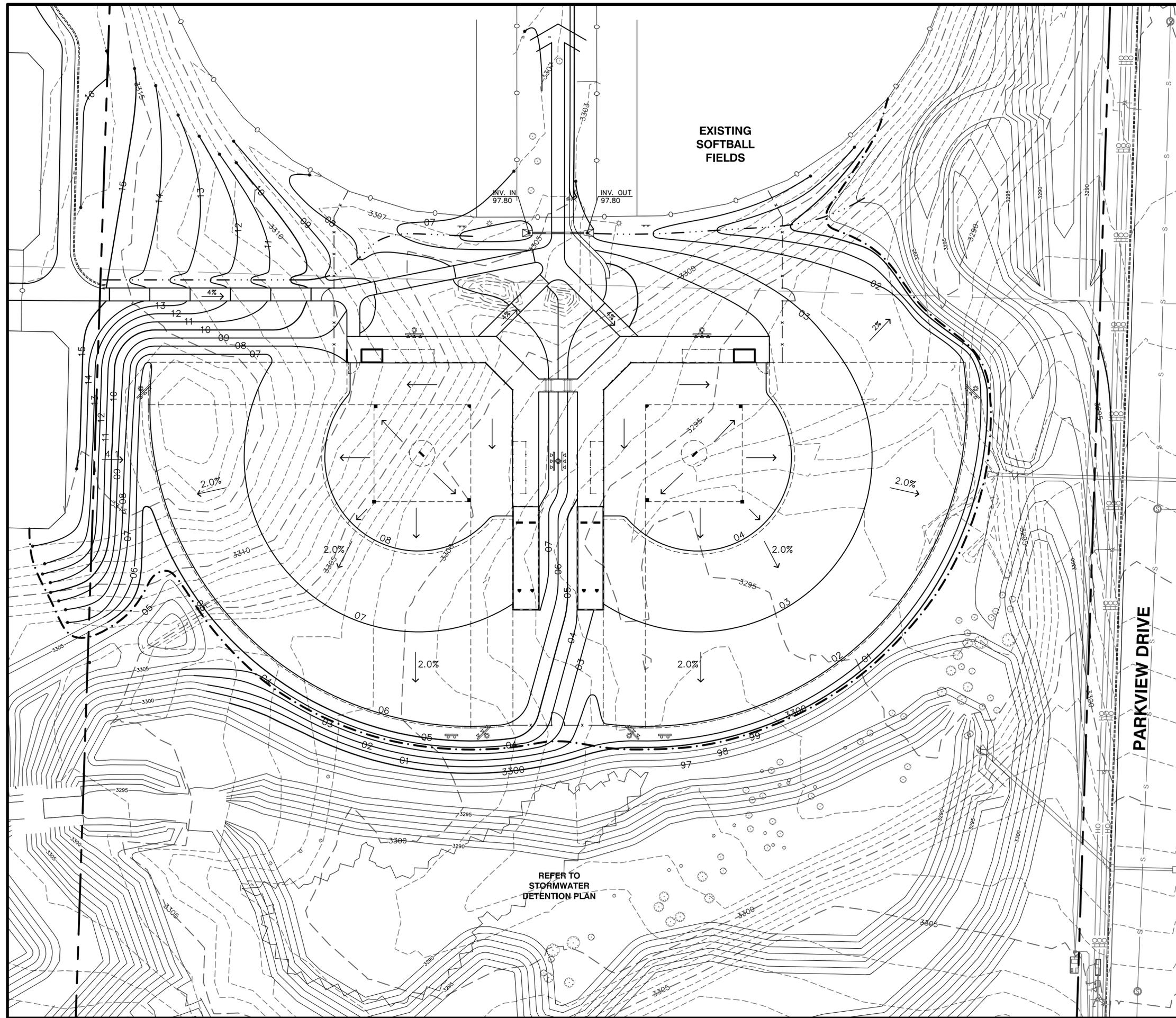
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SOFTBALL FIELD LAYOUT PLAN
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA

Project No.: R12-386
File Name: ASA-L1-Layout
Drawn By: TJD
Checked By: RJF
Date: 03-18-13
Revisions:

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EXISTING
SOFTBALL
FIELDS

PARKVIEW DRIVE

REFER TO
STORMWATER
DETENTION PLAN

GRADING NOTES:

- **UNDERGROUND UTILITIES:** THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL PUBLIC AND PRIVATE UTILITIES IN THE PROJECT AREA PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ALL DISCREPANCIES. SOUTH DAKOTA ONE CALL NOTIFICATION: 800-781-7474.
- **FIELD STAKING:** CONTRACTOR IS TO FIELD VERIFY ALL NECESSARY ELEVATIONS PRIOR TO EARTHWORK OPERATIONS AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
- **EARTHWORK:** EXCAVATION, COMPACTED EMBANKMENT, AND GRADING REQUIRED FOR EARTHWORK OPERATIONS ARE TO BALANCE ON-SITE. CONTRACTOR IS TO NOTIFY ARCHITECT OF ANY REQUIRED MODIFICATIONS PRIOR TO CONSTRUCTION.
- **TOPSOILS:** STRIP & STOCKPILE TOPSOIL ON-SITE FOR REUSE. ALL SEEDED AND LANDSCAPE AREAS TO HAVE A MINIMUM OF 4 INCHES OF TOPSOIL.
- **SITE ACCESS/HAUL ROUTE:** COORDINATE SITE ACCESS & HAULING ROUTE WITH OWNER REPRESENTATIVE.
- **PERMIT:** CONTRACTOR TO OBTAIN PERMIT FROM SD-DENR FOR STORM WATER DISCHARGE FROM CONSTRUCTION SITE.
- **BENCH MARK:** CITY BENCH MARK LOCATED ON XXXXXXXXXX

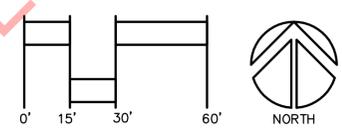
GRADING KEY NOTES:

- 1 **SILT FENCE:** CONSTRUCT TEMPORARY SILT FENCE. SILT FENCE TO COMPLY WITH CITY OF RAPID CITY REQUIREMENTS. COORDINATE LOCATION WITH OWNER REPRESENTATIVE.

GRADING LEGEND:

- BENCH MARK ELEVATION
- SURVEY CONTROL POINT
- PROPOSED CONTOUR
- EXISTING CONTOUR
- DRAINAGE SWALE
- T.C TOP OF CURB ELEVATION
- F.L. FLOW LINE ELEVATION
- H.P. HIGH POINT ELEVATION
- T.W TOP OF WALL ELEVATION
- B.W. BOTTOM OF WALL ELEVATION
- 73.50 SPOT ELEVATION
- SILT FENCE
- LIMITS OF SOFTBALL FIELDS GRADING

GRADING PLAN



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GRADING PLAN
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA

Project No.:
R12-386
File Name:
ASA-L2-Grading
Drawn By:
TJD
Checked By:
RJF
Date:
03-18-13
Revisions:

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A2



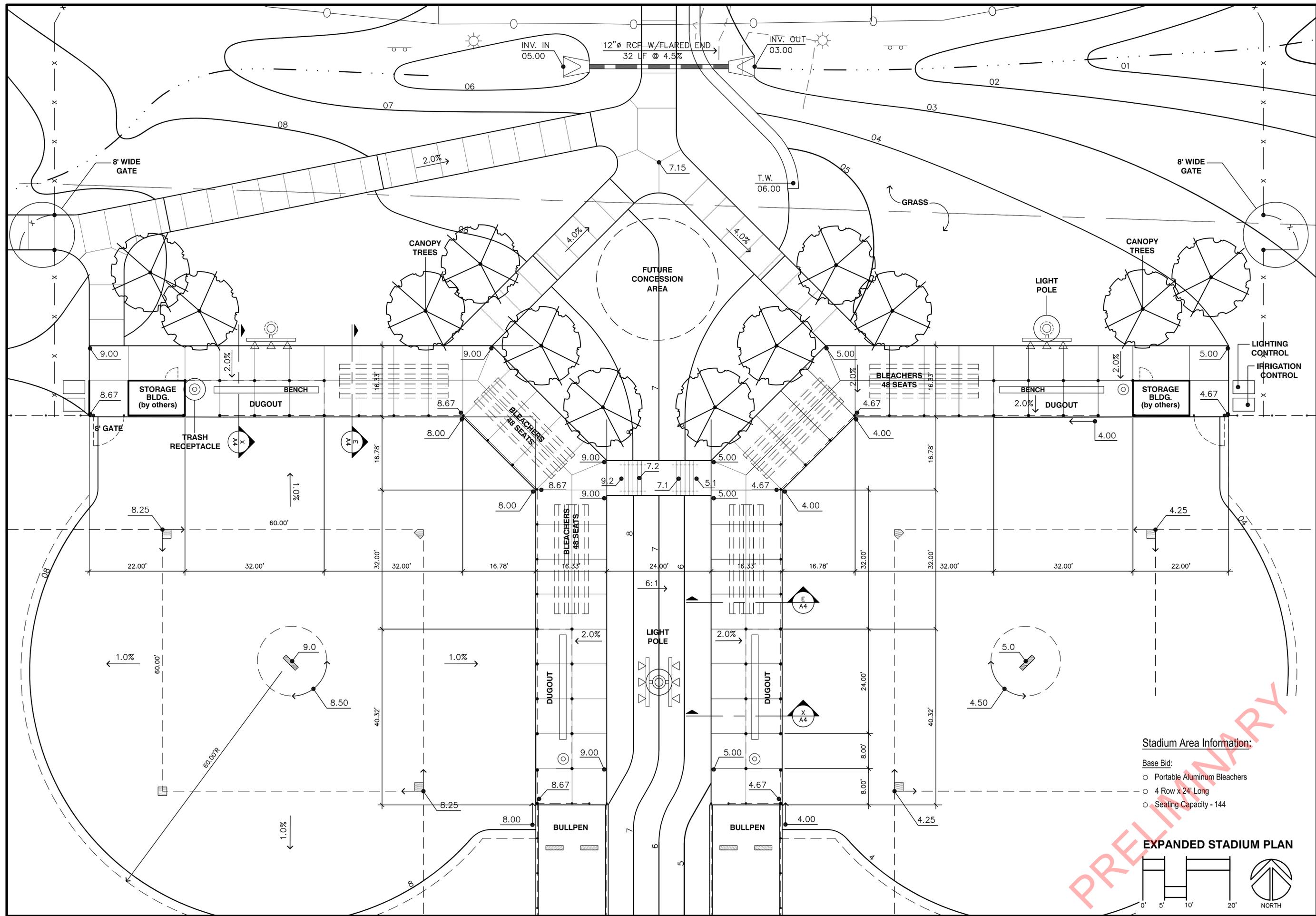
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EXPANDED STADIUM PLAN
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA

Project No.: R12-386
File Name: ASA-L5-Stadium
Drawn By: TJD
Checked By: RJF
Date: 03-18-13
Revisions:

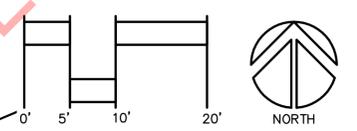
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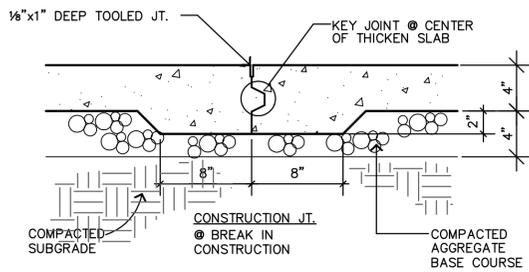
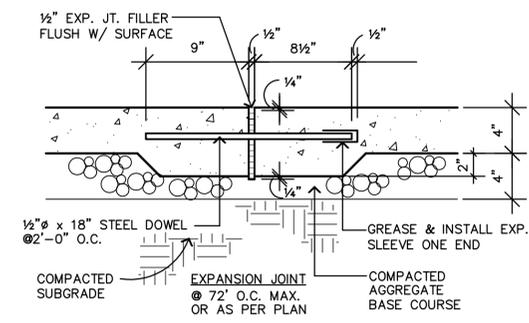
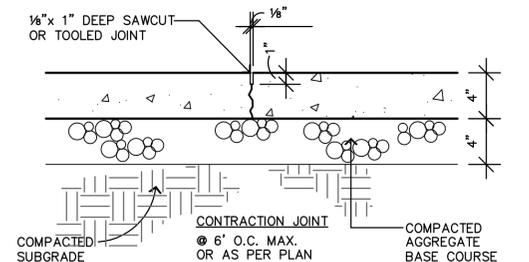
Stadium Area Information:

- Base Bid:
- Portable Aluminum Bleachers
- 4 Row x 24' Long
- Seating Capacity - 144

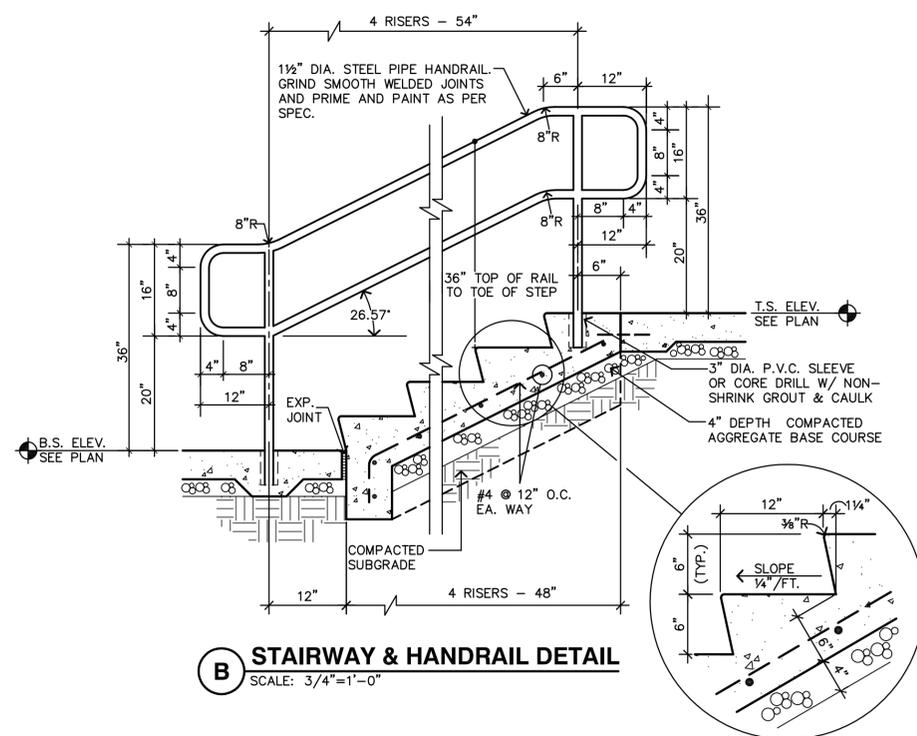
EXPANDED STADIUM PLAN



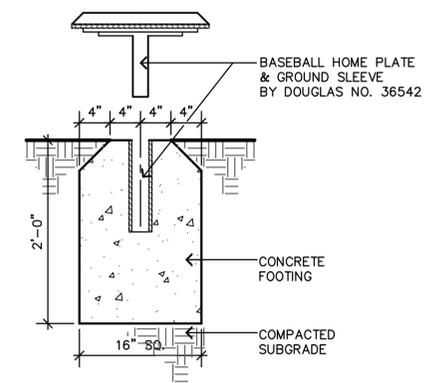
PRELIMINARY



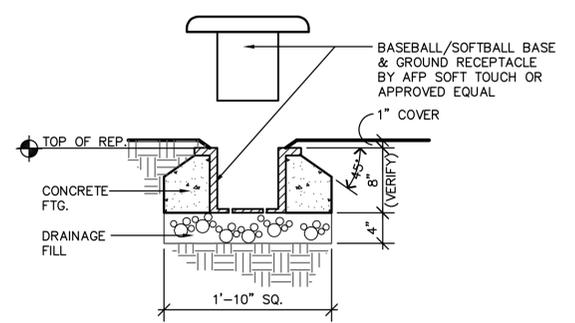
A CONCRETE WALK DETAILS
SCALE: 1 1/2"=1'-0"



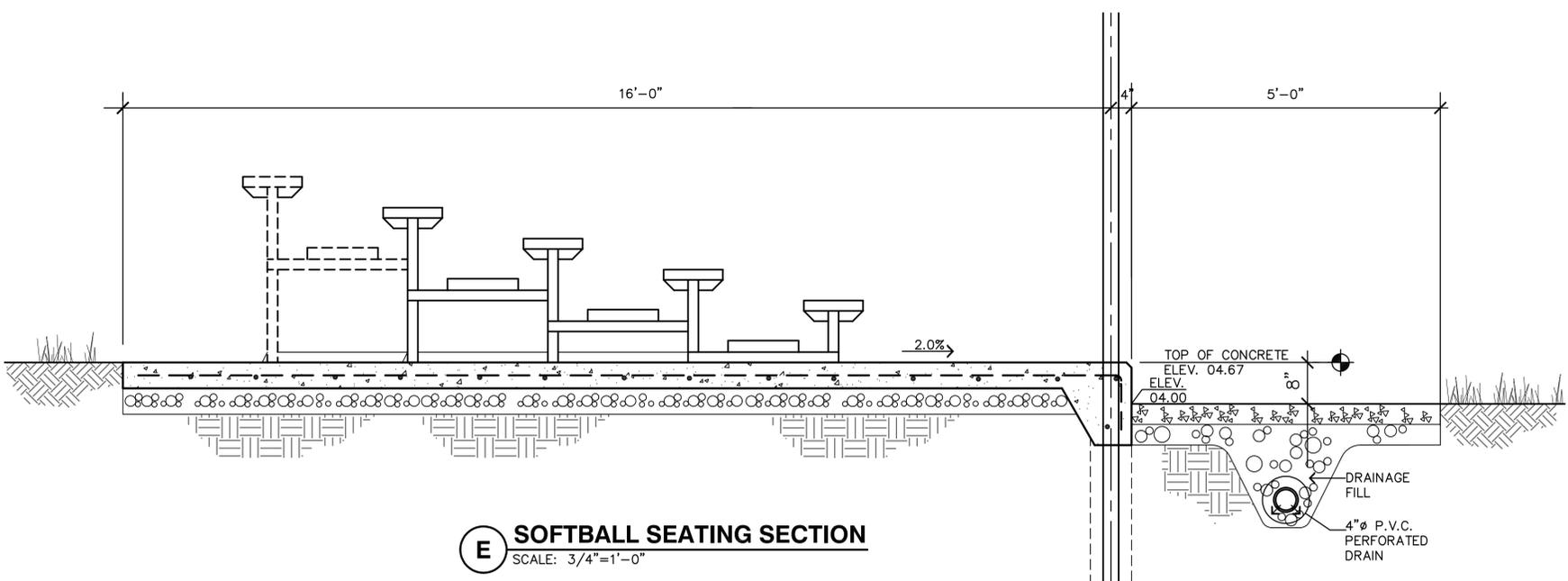
B STAIRWAY & HANDRAIL DETAIL
SCALE: 3/4"=1'-0"



C HOME PLATE ANCHOR DETAIL
SCALE: 1"=1'-0"



D BASE ANCHOR DETAIL
SCALE: 1"=1'-0"



E SOFTBALL SEATING SECTION
SCALE: 3/4"=1'-0"

PRELIMINARY



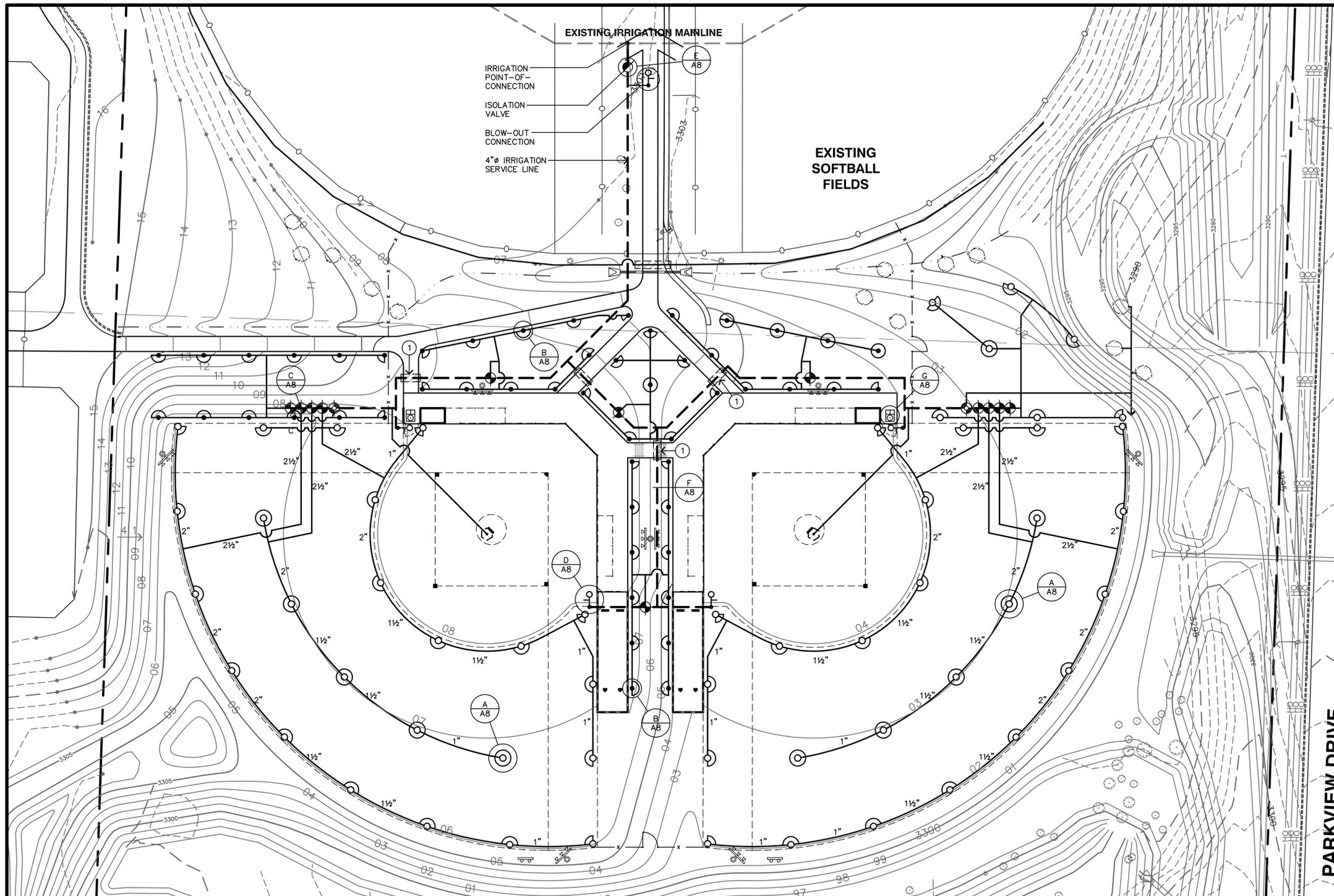
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SOFTBALL AREA SITE DETAILS
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA

Project No.: R12-386
File Name: ASA LB-StadDtls
Drawn By: TJD
Checked By: RJF
Date: 03-18-13
Revisions:

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IRRIGATION NOTES:

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- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH APPLICABLE CODES. NOTHING IN THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ALL APPROPRIATE SAFETY REGULATIONS.
- ALL IRRIGATION PIPING & EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH STANDARDS AS ESTABLISHED BY THE IRRIGATION ASSOCIATION.
- QUANTITIES PROVIDED ON DRAWINGS ARE FOR INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES OF ALL MATERIALS, EQUIPMENT & SUPPLIES REQUIRED TO COMPLETE PROJECTS.
- THIS SYSTEM WAS DESIGNED FOR A 60 P.S.I. STATIC WATER PRESSURE AND 80 G.P.M. UNLESS INDICATED OTHERWISE ON PLAN. SHOULD THE PRESSURE AND GALLONAGE BE LESS THAN THIS, NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH THE INSTALLATION.
- REVIEW SPRINKLER & PIPING LAYOUT WITH OWNER REPRESENTATIVE PRIOR TO INSTALLATION.
- IRRIGATION EQUIPMENT: SEE SHEET L000 FOR IRRIGATION EQUIPMENT SCHEDULE.

IRRIGATION KEY NOTES:

- ① INSTALL SCHEDULE 40 PVC SLEEVES 18\"/>
 - * 6\"/>
 - * 4\"/>
 - * 3\"/>
 - * 2\"/>

IRRIGATION EQUIPMENT SCHEDULE

KEY	QUANTITY	EQUIPMENT DESCRIPTION	TECHNICAL INFORMATION
	1 EA	16 STATION CONTROLLER	RAINBIRD: ESP-16LXM HUNTER ICC-1600PL
	- EA	QUICK COUPLER VALVE	RAINBIRD 44RC HUNTER HQ-44RC
	- EA	VALVE BOX & COVER	RAINBIRD VB-STD AMETEK 181104
	- EA	ISOLATION VALVE	WATTS: WGV-X WATTS: WGV-X
	- EA	1 1/2\"/>	
	- EA	CONTROL ZONE KIT	RAINBIRD 150-PEB HUNTER PGV-151-B
	- EA	LARGE TURF ROTOR SPRINKLER - 360°	RAINBIRD XCZ-100 COM HUNTER PCZ-101-40
	- EA	LARGE TURF ROTOR SPRINKLER - 180°	RAINBIRD F4-FC-SS-12 HUNTER 25-SS-12
	- EA	LARGE TURF ROTOR SPRINKLER - 180°	RAINBIRD F4-PC-SS-08 HUNTER 25-SS-08
	- EA	SMALL TURF ROTOR SPRINKLER	RAINBIRD 5004-PC-1.0 LA HUNTER 1-20-ADS-1.5 SR
	1 EA	RAIN SENSOR	RAINBIRD RSD-CEX HUNTER RAIN-CLIK

IRRIGATION PIPE SCHEDULE

KEY	QUANTITY	EQUIPMENT DESCRIPTION	TECHNICAL INFORMATION
	- LF (VERIFY)	IRRIGATION SLEEVE (2\"/>	
	- LF (VERIFY)	2 1/2\"/>	
	- LF (VERIFY)	2\"/>	
	- LF (VERIFY)	2\"/>	
	- LF (VERIFY)	1 1/2\"/>	
	- LF (VERIFY)	1\"/>	
	- LF (VERIFY)	3/4\"/>	
	- LF (VERIFY)	LANDSCAPE DRIPLINE	RAINBIRD: LD-09-18
	- LF (VERIFY)	IRRIGATION CONTROL CABLE	PAIGE, 18 GAUGE, 7 CONDUCTOR, COLOR CODED, TYPE TC-DIRECT BURY



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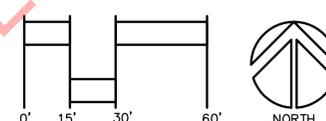
IRRIGATION PLAN
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA

Project No.: R12-386
File Name: ASA-L3-Irgn
Drawn By: TJD
Checked By: RJF
Date: 03-18-13
Revisions:

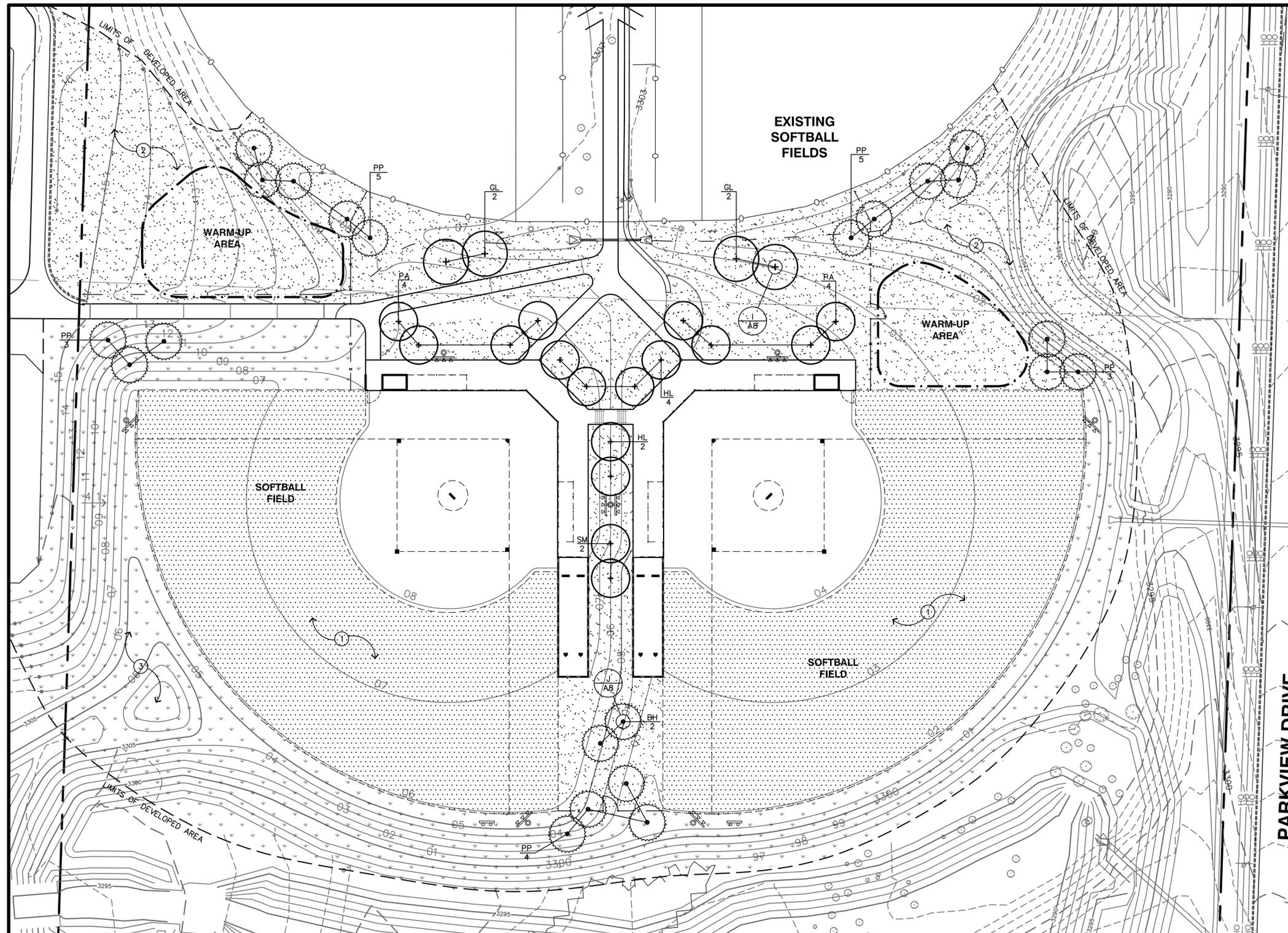
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PRELIMINARY

IRRIGATION PLAN



A6



LANDSCAPE NOTES:

- **UNDERGROUND UTILITIES:** THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. NOTIFY OWNER REPRESENTATIVE OF ANY DISCREPANCIES. SOUTH DAKOTA ONE CALL NOTIFICATION: 800-781-7474.
- **VERIFY QUANTITIES:** QUANTITIES PROVIDED ON DRAWINGS ARE FOR INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES OF ALL MATERIALS TO COMPLETE PROJECT.

LANDSCAPE KEY NOTES:

- 1 **SOFTBALL FIELD TURF SEEDED AREAS:** PROVIDE MIN. 6" DEPTH OF TOPSOIL & SEED AS SPECIFIED WITH LAWN SEED MIX.
- 2 **LAWN TURF SEEDED AREAS:** PROVIDE MIN. 6" DEPTH OF TOPSOIL & SEED AS SPECIFIED WITH LAWN SEED MIX.
- 3 **NATIVE TURF AREAS:** PROVIDE MIN. 4" DEPTH OF TOPSOIL & SEED AS SPECIFIED WITH NATIVE SEED MIX. AREAS SHOWN TO BE SEEDED ARE APPROXIMATED - REFER TO DEMOLITION, GRADING, AND UTILITY PLANS FOR AREAS DISTURBED BY CONSTRUCTION. CONTRACTOR TO SEED ALL TURF AREAS DISTURBED BY CONSTRUCTION.
- 4 **ROCK MULCH:** PROVIDE 3" MIN. DEPTH WASHED RIVER ROCK (3/4" - 1-1/2" DIA.) OR APPROVED EQUAL ON WEED BARRIER FABRIC. DO NOT PLACE ROCK MULCH AGAINST BRANCHES AND STEMS OF PLANT MATERIAL.



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LANDSCAPE PLAN
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA CITY PROJECT NO. 12-2043

PLANT MATERIAL SCHEDULE

KEY:	QUANT:	COMMON NAME:	BOTANICAL NAME:	SIZE:
DECIDUOUS TREES				
SM	2	Sensation Maple	Acer negundo 'Sensation'	2" cal. B&B
HL	6	Northern Acclaim Honeylocust	Gleditsia triacanthos inermis 'N. Acclaim'	2" cal. B&B
PA	8	Prairie Spire Ash	Fraxinus pennsylvanica 'Rugby'	2" cal. B&B
EVERGREEN TREES				
BH	2	Black Hills Spruce	Picea glauca densata	6'-8' B&B
PP	20	Ponderosa Pine	Pinus ponderosa	6'-8' B&B

SOFTBALL FIELDS LANDSCAPE MATERIAL POINT TABLE

SITE AREA INFORMATION:

DEVELOPABLE AREA:	203,979 SF
PROPOSED BUILDING AREA:	208 SF
TOTAL LANDSCAPE POINTS REQUIRED:	203,771

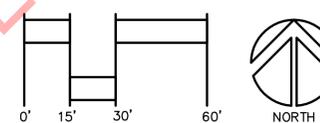
PROPOSED SITE LANDSCAPE POINTS:

PLANT TYPE:	QUANTITY:	POINTS:	TOTAL:
LARGE TREE:	22	2,000	44,000
MEDIUM TREE:	16	1,000	16,000
TURF AREA:	18,622 SY	10	186,220
TOTAL POINTS:			246,220

LANDSCAPE SYMBOLS:

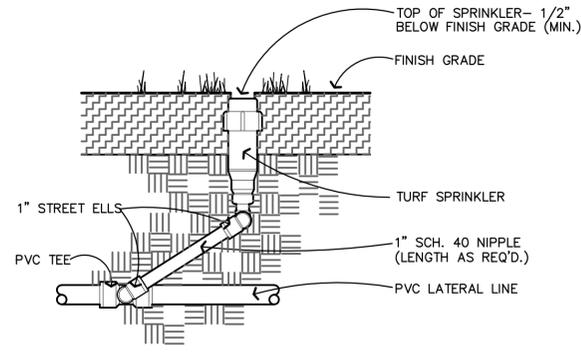
- DECIDUOUS TREE
- EVERGREEN TREE
- TURF LIMITS
- IRRIGATED SEEDED SOFTBALL FIELD AREAS
- IRRIGATED SEEDED WARM-UP AREAS
- NON-IRRIGATED NATIVE SEEDED AREA
- RIVER ROCK SURFACE AREA

LANDSCAPE PLAN

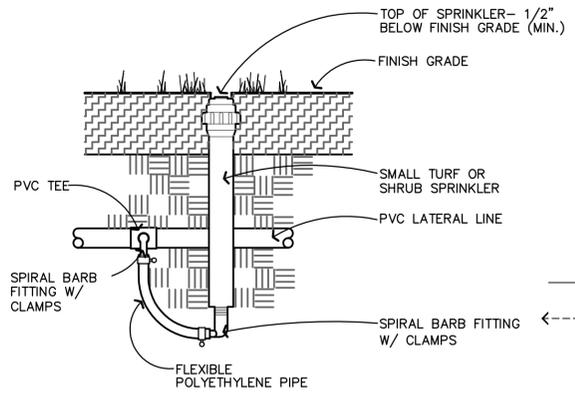


Project No.: R12-386
File Name: ASA-L4-Lscope
Drawn By: TJD
Checked By: RJF
Date: 03-18-13
Revisions:

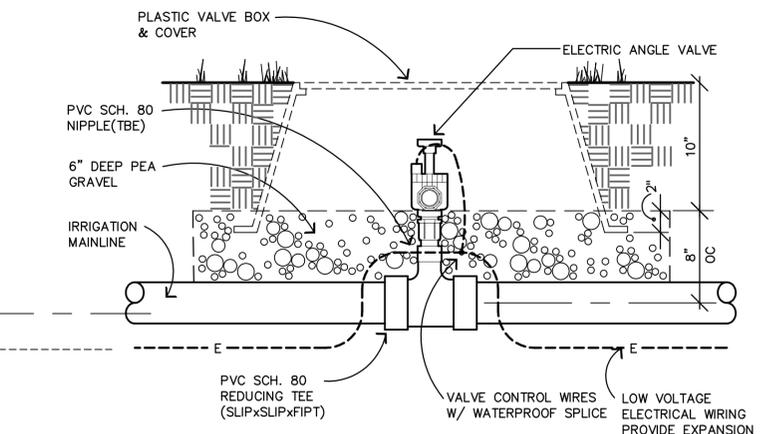
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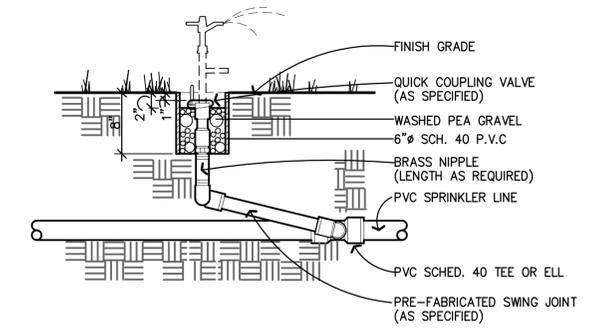
A LARGE TURF SPRINKLER ASSEMBLY
NO SCALE



B SMALL TURF SPRINKLER ASSEMBLY
NO SCALE

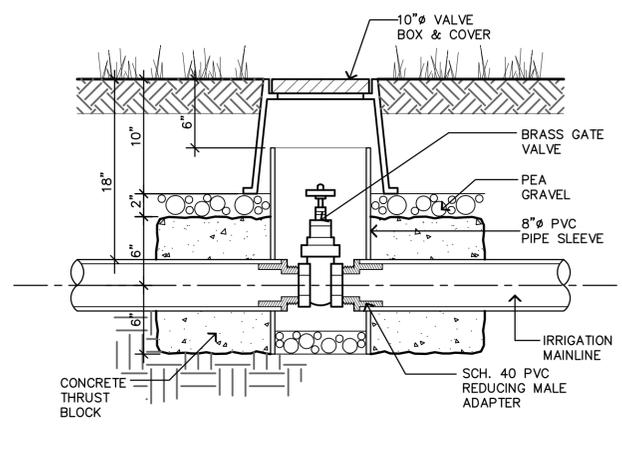


C ZONE VALVE BOX
SCALE 1:1

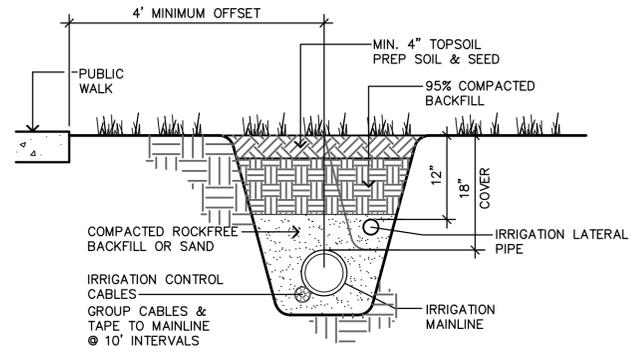


GENERAL NOTES:
FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

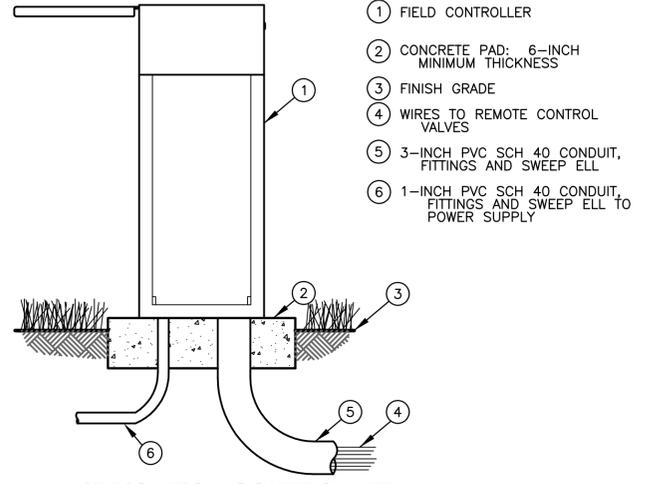
D QUICK COUPLING VALVE ASSEMBLY
NO SCALE



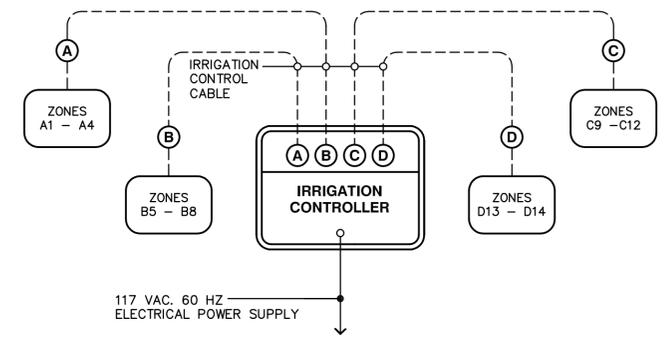
E ISOLATION GATE VALVE DETAIL
NO SCALE



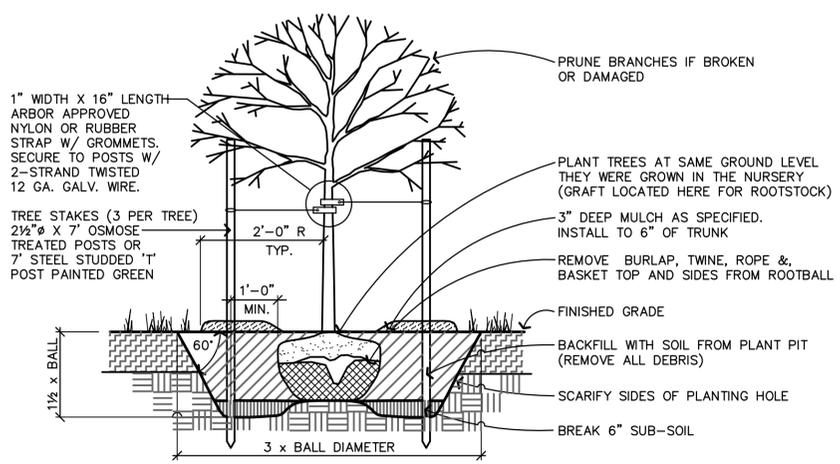
F TRENCH DETAIL
NO SCALE



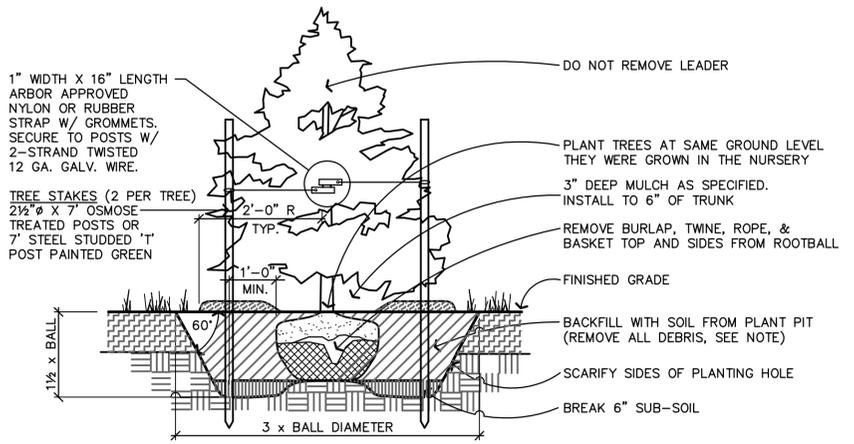
G IRRIGATION CONTROLLER
NO SCALE



H IRRIGATION CONTROL WIRING DIAGRAM
NO SCALE

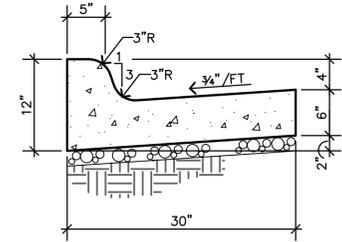
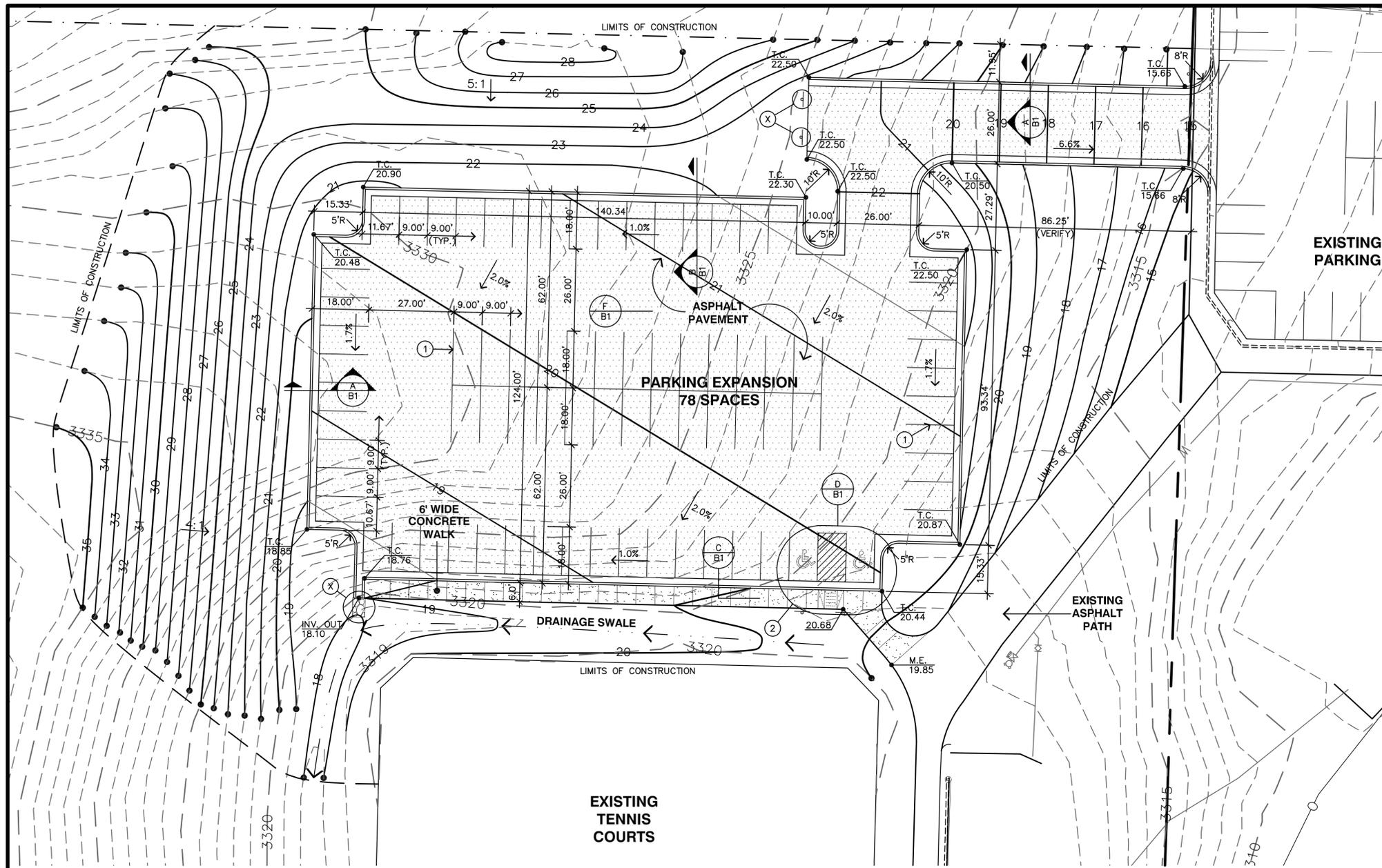


I DECIDUOUS TREE PLANTING DETAIL
NO SCALE

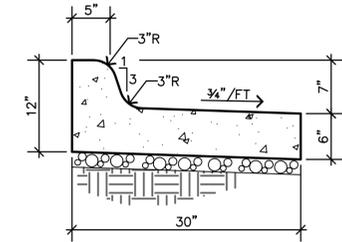


J EVERGREEN TREE PLANTING DETAIL
NO SCALE

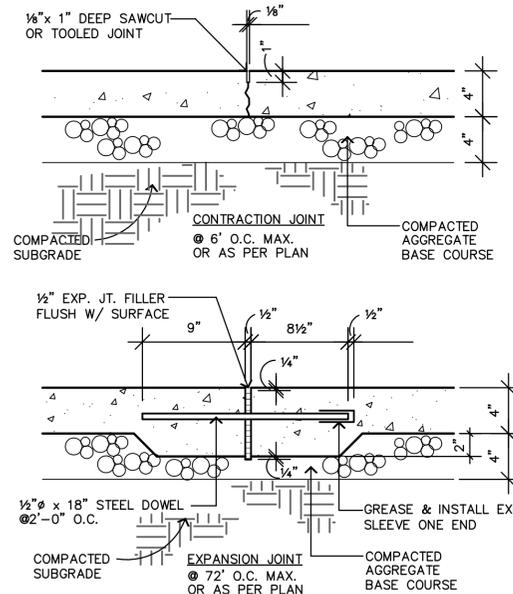
PRELIMINARY



A STANDARD CONC. CURB & GUTTER
SCALE: 1"=1'-0"



B TILTED CONC. CURB & GUTTER
SCALE: 1"=1'-0"



C CONCRETE WALK DETAILS
SCALE: 1 1/2"=1'-0"

GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL PUBLIC AND PRIVATE UTILITIES IN THE PROJECT AREA PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ALL DISCREPANCIES. SOUTH DAKOTA ONE CALL NOTIFICATION: 800-781-7474.
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- THE CONTRACTOR IS RESPONSIBLE FOR FIELD STAKING, LAYOUT, AND MAINTAINING FIELD REFERENCES AND BENCH MARKS.
- THE CONTRACTOR IS TO REVIEW FIELD STAKING WITH ARCHITECT PRIOR TO CONSTRUCTION.

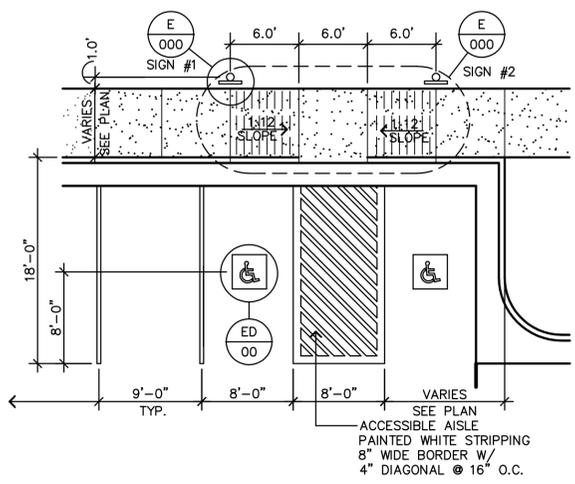
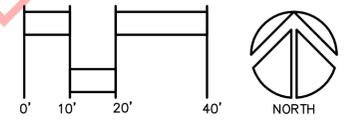
LAYOUT KEY NOTES:

- 1 **PAVEMENT STRIPING:** ALL PARKING LOT STRIPING, CROSSWALK STRIPING, ARROWS, & HANDICAP SYMBOLS SHALL COMPLY WITH THE CITY OF RAPID CITY REQUIREMENTS.
- 2 **CURB RAMPS:** INSTALL CURB RAMPS TO COMPLY WITH THE CITY OF RAPID CITY REQUIREMENTS.
- 3 **ACCESSIBLE PARKING SIGNAGE:** INSTALL ACCESSIBLE PARKING SIGNAGE TO COMPLY WITH THE CITY OF RAPID CITY REQUIREMENTS.

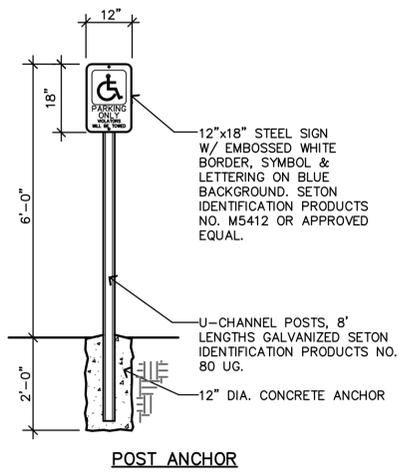
LEGEND:

- ASPHALT PAVEMENT
- CONCRETE WALKWAY PAVEMENT
- RP1 REFERENCE POINT
- △ SURVEY CONTROL POINT
- R1 RADIUS POINT
- L1 LIGHT POLE
- P1 COORDINATE POINT

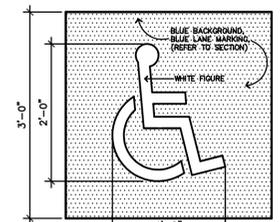
PARKING EXPANSION PLAN



D HANDICAP PARKING DETAIL
SCALE: 1/8"=1'-0"



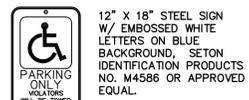
E HANDICAPPED SYMBOL/ SIGN
NO SCALE



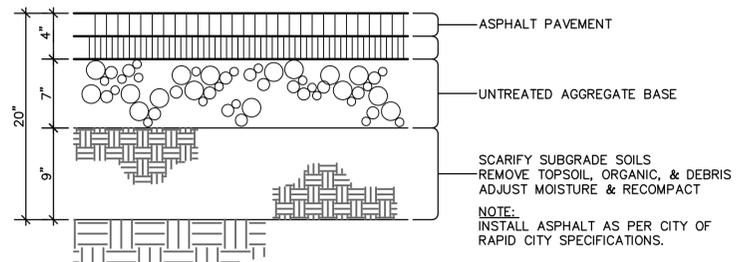
HANDICAP PARKING SYMBOL



SIGN #1 - VAN ACCESSIBLE



SIGN #2 - ACCESSIBLE PARKING



F ASPHALT PAVEMENT SECTION
NO SCALE



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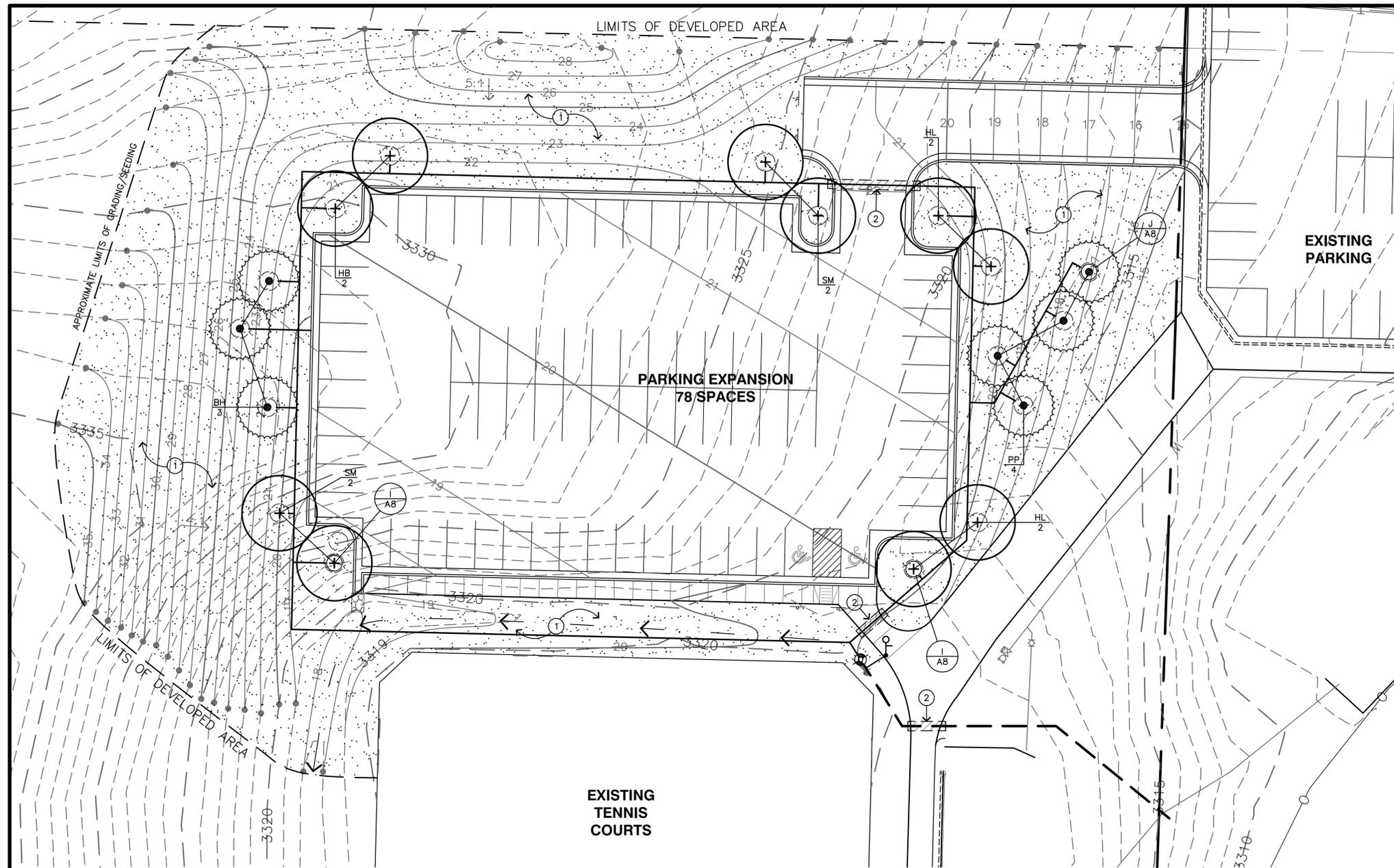
85% Design Review Submittal
NOT FOR CONSTRUCTION

PARKING EXPANSION PLAN
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA

Project No.: R12-386
File Name: ASA-L6-Parking
Drawn By: TJD
Checked By: RJF
Date: 03-18-13
Revisions:

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B1



LANDSCAPE NOTES:

- **UNDERGROUND UTILITIES:** THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. NOTIFY OWNER REPRESENTATIVE OF ANY DISCREPANCIES. SOUTH DAKOTA ONE CALL NOTIFICATION: 800-781-7474.
- **VERIFY QUANTITIES:** QUANTITIES PROVIDED ON DRAWINGS ARE FOR INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES OF ALL MATERIALS TO COMPLETE PROJECT.

LANDSCAPE KEY NOTES:

1. **NATIVE TURF AREAS:** PROVIDE MIN. 4" DEPTH OF TOPSOIL & SEED AS SPECIFIED WITH NATIVE SEED MIX. AREAS SHOWN TO BE SEED ARE APPROXIMATED - REFER TO DEMOLITION, GRADING, AND UTILITY PLANS FOR AREAS DISTURBED BY CONSTRUCTION. CONTRACTOR TO SEED ALL TURF AREAS DISTURBED BY CONSTRUCTION
2. **INSTALL SCHEDULE 40 PVC SLEEVES 18" BELOW PAVEMENT.** SIZE SLEEVES AS INDICATED BELOW:
 - * 6" SLEEVE - ALL MAINLINE PIPE
 - * 4" SLEEVE - 2" & 3" LATERAL PIPE
 - * 3" SLEEVE - 1" & 2" LATERAL PIPE
 - * 2" SLEEVE - 1/2" & 1" LATERAL PIPE

LANDSCAPE SYMBOLS:

- DECIDUOUS TREE
- EVERGREEN TREE
- TURF LIMITS
- NON-IRRIGATED NATIVE SEEDED AREA
- IRRIGATION SLEEVE
- IRRIGATION MAINLINE
- IRRIGATION LATERAL
- DRAIN CONTROL ZONE KIT
- QUICK COUPLER VALVE
- IRRIGATION DRILINE

PLANT MATERIAL SCHEDULE - PARKING LOT

KEY:	QUANT:	COMMON NAME:	BOTANICAL NAME:	SIZE:
DECIDUOUS TREES				
SM	4	Sensation Maple	Acer negundo 'Sensation'	2" cal. B&B
HB	2	Hackberry	Celtis occidentalis	2" cal. B&B
HL	4	Northern Acclaim Honeylocust	Gleditsia triacanthos inermis 'N. Acclaim'	2" cal. B&B
PA	-	Prairie Spire Ash	Fraxinus pennsylvanica 'Rugby'	2" cal. B&B
NB	-	Nannyberry Viburnum	Viburnum lentago	2" cal. B&B
EVERGREEN TREES				
BH	3	Black Hills Spruce	Picea glauca densata	6'-8' B&B
PP	4	Ponderosa Pine	Pinus ponderosa	6'-8' B&B

PARKING LOT LANDSCAPE MATERIAL POINT TABLE

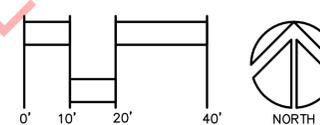
SITE AREA INFORMATION:

DEVELOPABLE AREA: 65,361 SF
 PROPOSED BUILDING AREA: 0 SF
 TOTAL LANDSCAPE POINTS REQUIRED: 65,361

PROPOSED SITE LANDSCAPE POINTS:

PLANT TYPE:	QUANTITY:	POINTS:	TOTAL:
LARGE TREE:	9	2,000	18,000
MEDIUM TREE:	8	1,000	8,000
TURF AREA:	4,026 SY	10	40,260
TOTAL POINTS:			66,260

PARKING LOT LANDSCAPE



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PARKING LOT LANDSCAPE PLAN
 ASA SOFTBALL - PARKVIEW ADDITION
 RAPID CITY, SOUTH DAKOTA CITY PROJECT NO. 12-2043

Project No.: R12-386
 File Name: ASA-L4-Lscope
 Drawn By: TJD
 Checked By: RJF
 Date: 03-18-13
 Revisions:

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WPE #BR12061

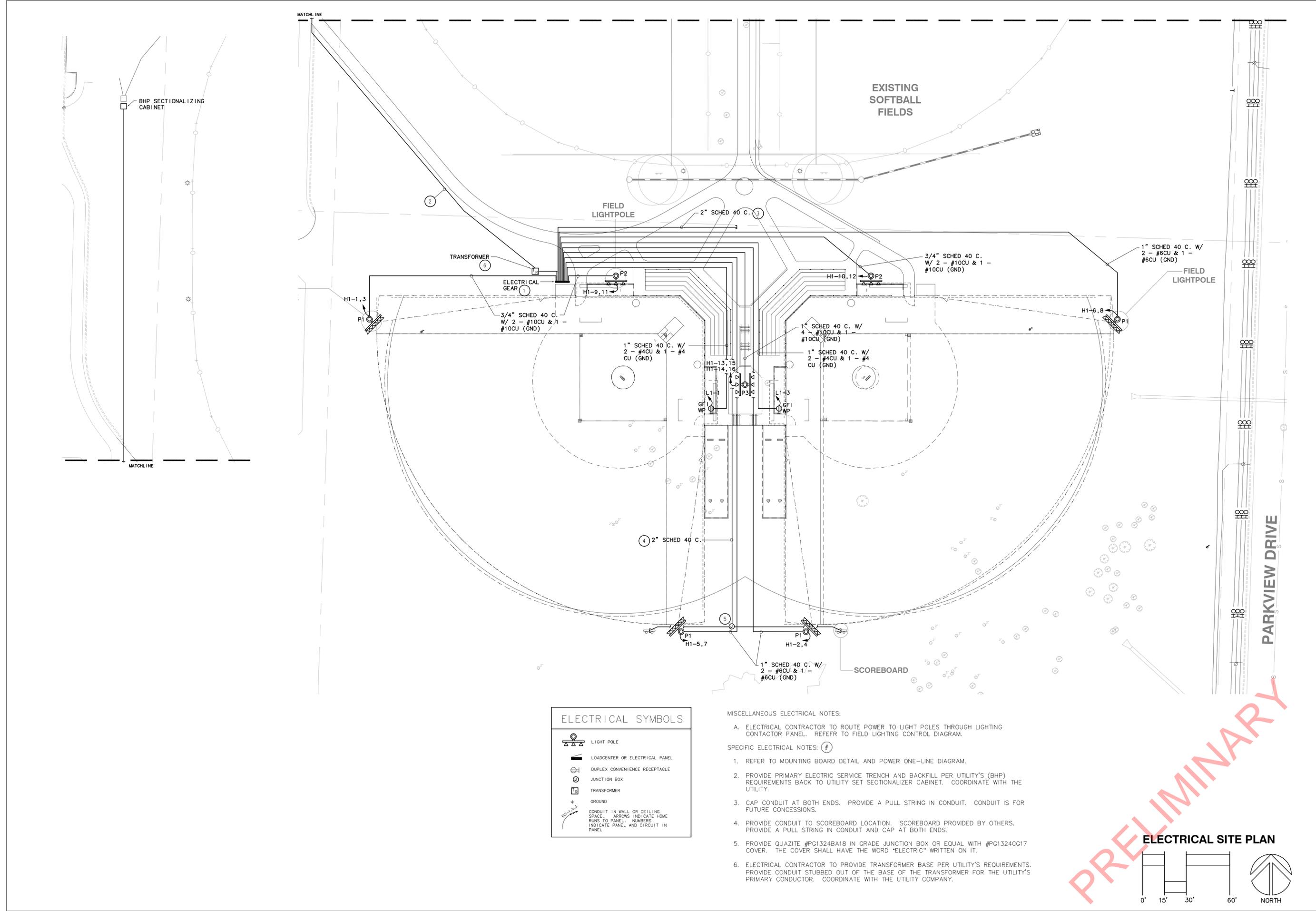
FOR REVIEW ONLY
DO NOT USE FOR CONSTRUCTION

ELECTRICAL SITE PLAN
ASA SOFTBALL - PARKVIEW ADDITION
RAPID CITY, SOUTH DAKOTA

Project No.: WPE #BR12061
File Name: BR12061E.DWG
Drawn By: VLS
Checked By: MKV
Date: 03-14-13
Revisions:

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E1



ELECTRICAL SYMBOLS	
	LIGHT POLE
	LOADCENTER OR ELECTRICAL PANEL
	DUPLEX CONVENIENCE RECEPTACLE
	JUNCTION BOX
	TRANSFORMER
	GROUND
	CONDUIT IN WALL OR CEILING SPACE. ARROWS INDICATE HOME RUNS TO PANEL. NUMBERS INDICATE PANEL AND CIRCUIT IN PANEL.

- MISCELLANEOUS ELECTRICAL NOTES:
- ELECTRICAL CONTRACTOR TO ROUTE POWER TO LIGHT POLES THROUGH LIGHTING CONTACTOR PANEL. REFER TO FIELD LIGHTING CONTROL DIAGRAM.
- SPECIFIC ELECTRICAL NOTES: (#)
- REFER TO MOUNTING BOARD DETAIL AND POWER ONE-LINE DIAGRAM.
 - PROVIDE PRIMARY ELECTRIC SERVICE TRENCH AND BACKFILL PER UTILITY'S (BHP) REQUIREMENTS BACK TO UTILITY SET SECTIONALIZER CABINET. COORDINATE WITH THE UTILITY.
 - CAP CONDUIT AT BOTH ENDS. PROVIDE A PULL STRING IN CONDUIT. CONDUIT IS FOR FUTURE CONCESSIONS.
 - PROVIDE CONDUIT TO SCOREBOARD LOCATION. SCOREBOARD PROVIDED BY OTHERS. PROVIDE A PULL STRING IN CONDUIT AND CAP AT BOTH ENDS.
 - PROVIDE QUAZITE #PG1324BA18 IN GRADE JUNCTION BOX OR EQUAL WITH #PG1324CG17 COVER. THE COVER SHALL HAVE THE WORD "ELECTRIC" WRITTEN ON IT.
 - ELECTRICAL CONTRACTOR TO PROVIDE TRANSFORMER BASE PER UTILITY'S REQUIREMENTS. PROVIDE CONDUIT STUBBED OUT OF THE BASE OF THE TRANSFORMER FOR THE UTILITY'S PRIMARY CONDUCTOR. COORDINATE WITH THE UTILITY COMPANY.

PRELIMINARY

ELECTRICAL SITE PLAN

