



State of Utah—Department of Administrative Services
 DIVISION OF FACILITIES CONSTRUCTION
 AND MANAGEMENT
 4110 State Office Building/Salt Lake City, Utah 84114/538-3018

STATE OF UTAH DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

SALT LAKE COMMUNITY COLLEGE JORDAN CAMPUS NEW PARKING LOT J-C PROJECT NO. 08079680

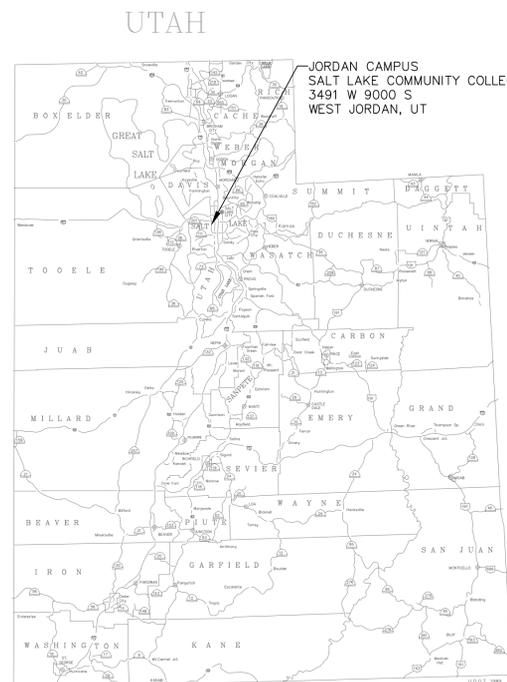


INDEX TO SHEETS

SHEET	NAME
G-001	TITLE
C-100	EROSION CONTROL PLAN
C-101	DEMOLITION AND SITE PREPARATION
C-102	LAYOUT
C-103	GRADING AND DRAINAGE
C-104	SIGNING AND STRIPING PLAN
C-105	EAST SIDE PARKING EXPANSION
C-501	CIVIL DETAILS
L-101	PLANTING PLAN
L-102	IRRIGATION PLAN
L-501	IRRIGATION DETAILS
ES-101	ELECTRICAL SITE PLAN
E-101	ELECTRICAL PLANS, SCHEDULES, DETAILS

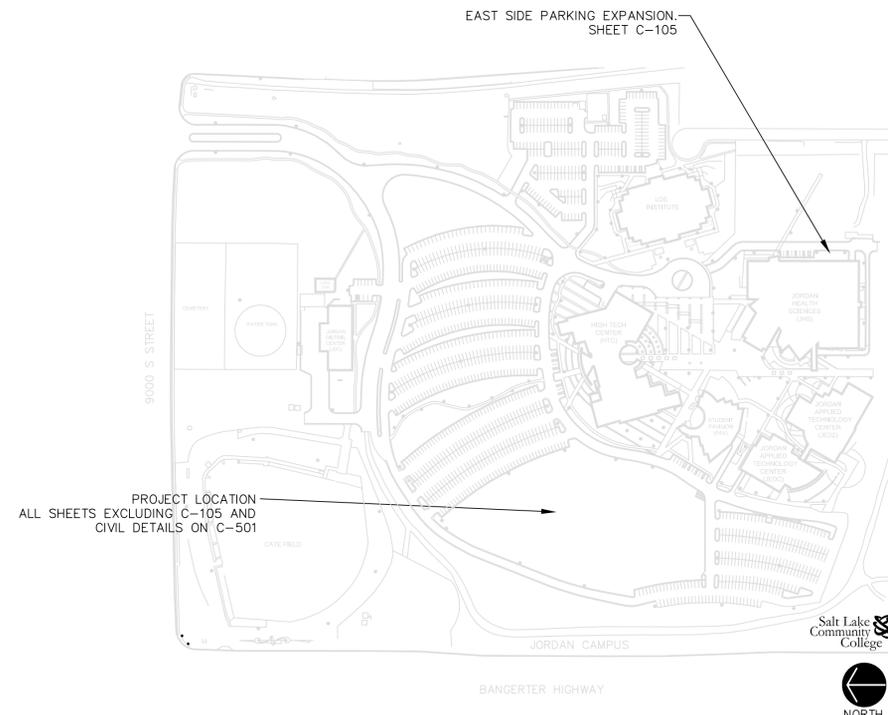
GENERAL CONSTRUCTION NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF WEST JORDAN CITY AND SALT LAKE COMMUNITY COLLEGE. IN ADDITION, ALL WORK SHALL COMPLY WITH THE PROJECT DRAWINGS AND PROJECT SPECIFICATIONS. IF CONFLICTS ARE NOTED, CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL COORDINATE WITH ALL GOVERNING AGENCIES FOR ALL PERMITS AND BONDS REQUIRED FOR CONSTRUCTION. CONTRACTOR SHALL ALSO BE RESPONSIBLE TO COORDINATE WITH APPROPRIATE AUTHORITIES FOR INSPECTION AND REVIEW OF WORK.
3. CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY, INCLUDING, BUT NOT LIMITED TO TRENCHING AND SHORING, TRAFFIC CONTROL AND SECURITY.
4. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN UP-TO-DATE "AS-BUILT" DRAWINGS THROUGHOUT THE PROJECT. THESE DRAWINGS SHALL BE PROVIDED TO THE OWNER UPON COMPLETION OF THE PROJECT.
5. CONTRACTOR IS CAUTIONED THAT THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE DRAWINGS IS BASED ON RECORDS OF UTILITIES COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS EXACT OR COMPLETE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES AND SERVICE LATERALS AND FOR REPAIRING ALL DAMAGE THAT OCCURS TO THE UTILITY DURING CONSTRUCTION.
6. THE CONTRACTOR WILL VERIFY LOCATIONS OF UTILITIES IN THE FIELD BY POTHOLING AHEAD OF PIPELINE CONSTRUCTION TO AVOID CONFLICTS WITH DESIGN PIPELINE GRADE AND ALIGNMENT. IF A CONFLICT ARISES RESULTING FROM THE CONTRACTOR'S NEGLIGENCE TO POT HOLE UTILITIES, THE CONTRACTOR SHALL BE REQUIRED TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO OWNER.
7. CONTRACTOR SHALL TAKE THE NECESSARY MEASURES TO PROTECT ALL FACILITIES (I.E. PIPES, STRUCTURES, ETC.) DURING CONSTRUCTION UNTIL THE DESIGN GRADE AND COVER HAS BEEN OBTAINED AND WORK HAS BEEN ACCEPTED.
8. CONTRACTOR SHALL VERIFY ALL EXISTING PROJECT MONUMENTS AND CONTROL, AND NOTIFY ENGINEER OF ANY PROBLEMS PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL MAINTAINING OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR DUST AND EROSION CONTROL 24 HOURS PER DAY UNTIL VEGETATION IS ESTABLISHED, AND MAINTAIN UNIMPEDED ACCESS ROAD MAINTENANCE IN ACCORDANCE WITH CITY STANDARDS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY TRAFFIC CONTROL DURING THE CONSTRUCTION OF THE PROJECT, UNTIL WORK IS APPROVED AND ACCEPTED BY OWNER.
11. ALL TRAFFIC CONTROL (I.E. SIGNAGE, STRIPING AND PAVEMENT MARKINGS) SHALL CONFORM TO THE MOST CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
12. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING.
13. THE CONTRACTOR SHALL NOTIFY SLCC AND DFCM STAFF 48 HOURS PRIOR TO EXCAVATING.
14. THE CONTRACTOR SHALL PROVIDE AND ON-SITE TOILET FOR THE DURATION OF THE PROJECT.



VICINITY MAP

BID SET



LOCATION MAP

King Engineering, Inc.
 2825 E Cottonwood Parkway
 Salt Lake City, Utah 84121
 Phone: 801.990.3170
 Fax: 801.990.3293
 Internet: www.pavementmanagement.com

CREATED BY: KING ENGINEERING, INC.

**SLCC JORDAN CAMPUS
 NEW PARKING LOT J-C**

SITE/LOCATION:
 SALT LAKE COMMUNITY COLLEGE
 3491 W 9000 S
 WEST JORDAN, UT

PROJECT TITLE:
 JORDAN CAMPUS
 NEW PARKING
 LOT J-C

MARK	DATE	DESCRIPTION
		ISSUE TYPE: BID SET
		ISSUE DATE: AUGUST 22, 2008
		DFCM PROJECT NO: 08079680
		CAD PROJECT NO: 02-XXXX
		CAD DWG FILE: G-001.DWG
		DRAWN BY: JEK
		CHKD BY: JEK
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		SHEET TITLE

TITLE SHEET

SHEET NUMBER

G-001

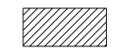
SHEET 1 OF 13



0 40
SCALE 1"=40'

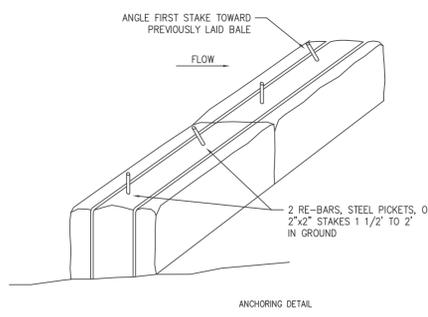
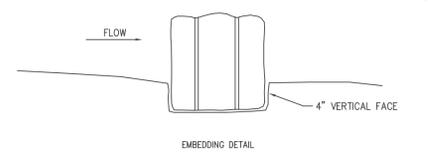
EROSION PLAN LEGEND

- SILT FENCE
SEE DETAIL C THIS SHEET
- STABILIZED CONSTRUCTION
ENTRANCE. SEE DETAIL B THIS
SHEET.
- STORM INLET SILT PROTECTION.
PLACE STRAW BALES AROUND INLET.
SEE DETAIL A THIS SHEET.

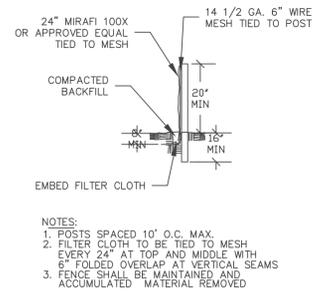
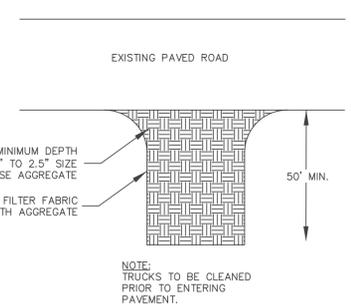


EROSION PLAN NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT PRIOR TO START OF CONSTRUCTION.
2. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN.
3. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORSEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED. A REPRESENTATIVE OF THE WEST JORDAN CITY PUBLIC WORKS DEPARTMENT MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF PROPOSED FACILITIES.
4. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STREETS CLEAN AND FREE FROM DEBRIS FROM TRAFFIC FROM THE SITE.
5. ALL STORM DRAIN FACILITIES ON SITE AND ADJACENT TO THE SITE NEED TO BE PROTECTED FROM SITE RUNOFF. INLET PROTECTION DEVICES SHALL BE INSTALLED IMMEDIATELY UPON INDIVIDUAL INLETS BECOMING FUNCTIONAL.
6. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE PAVED, SEEDED, OR LANDSCAPED. REFER TO LANDSCAPE PLANS FOR SEED MIX AND PLANTING SPECIFICATIONS.
7. EROSION CONTROL STRUCTURES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING ARE IN PLACE. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION, EROSION CONTROL IN PROPOSED PAVEMENT AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE.
8. CONTRACTOR SHALL USE VEHICLE TRACKING CONTROL AT ALL LOCATIONS WHERE VEHICLES WILL ENTER OR EXIT THE SITE. CONTROL FACILITIES WILL BE MAINTAINED WHILE CONSTRUCTION IS IN PROGRESS, MOVED WHEN NECESSARY AND REMOVED WHEN THE SITE IS PAVED.
9. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT WITH STORM WATER DISCHARGES FROM THE SITE.
10. BLOWING DUST MUST BE CONTROLLED AT ALL TIMES. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS ABSOLUTELY PROHIBITED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT.
12. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
13. ALL MEASURES CONTAINED IN THIS PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT. ANY NEEDED CLEANING AND REPAIRS TO BE DONE IMMEDIATELY UPON DISCOVERY.
14. ALL UTILITY LINES SHALL BE CLEANED OF DIRT AND DEBRIS PRIOR TO BEING PUT INTO SERVICE. DOWN-GRADE LINES MUST BE PROTECTED FROM WASH-WATER DURING THE CLEANING TO AVOID CONTAMINATION AND COMPROMISING OUTFALL CLEANLINESS



- NOTES:
1. Bales shall be placed in a row with ends tightly abutting adjacent bales.
 2. Each bale shall be embedded in soil a min. of 4".
 3. Bales shall be securely anchored in place by stakes or rebars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
 4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.



STORM INLET PROTECTION
SCALE: NTS

STABILIZED CONSTRUCTION ENTRANCE
SCALE: NTS

SILT FENCE
SCALE: NTS

King Engineering, Inc.
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Phone: 801.990.3170
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Internet: www.pavementmanagement.com
CREATED BY: KING ENGINEERING, INC.

**SLCC JORDAN CAMPUS
NEW PARKING LOT J-C**

SITE/LOCATION:
SALT LAKE COMMUNITY COLLEGE
3491 W 9000 S
WEST JORDAN, UT

PROJECT TITLE:
JORDAN CAMPUS
NEW PARKING
LOT J-C

MARK / DATE / DESCRIPTION
ISSUE TYPE: BID SET
ISSUE DATE: AUGUST 22, 2008

DFCM PROJECT NO: 08079680
CAD PROJECT NO: 02-XXXX
CAD DWG FILE: C-100.DWG
DRAWN BY: AD
CHKD BY: JEK
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EROSION CONTROL PLAN

SHEET NUMBER
C-100
SHEET 2 OF 13



SCALE 1"=30'

NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN DUST CONTROL AT ALL TIMES.
3. CONTRACTOR SHALL DISPOSE OF ALL WASTE OFF-SITE. NO BURNING SHALL BE ALLOWED.

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SLCC JORDAN CAMPUS NEW PARKING LOT J-C

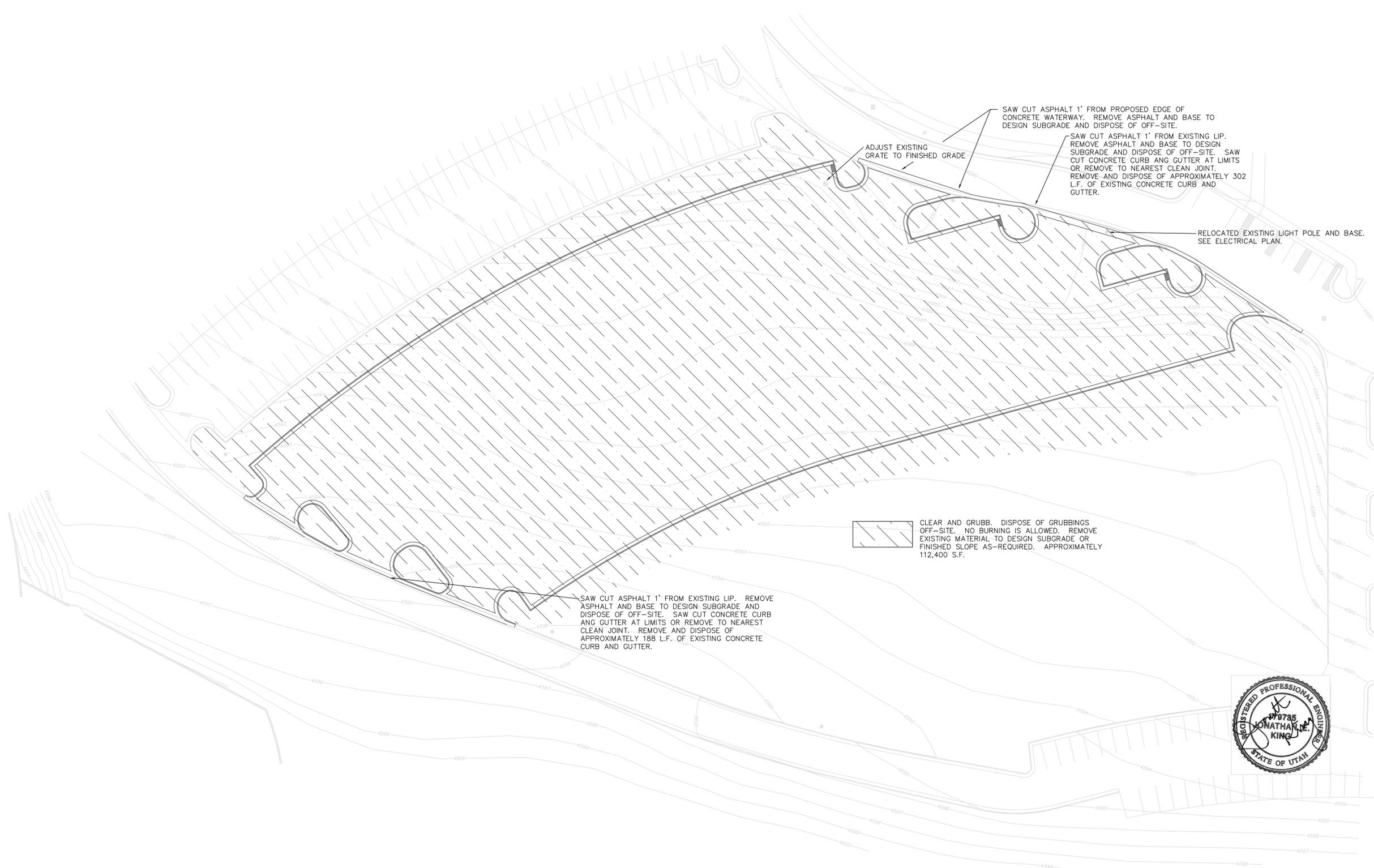
SITE/LOCATION:
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 WEST JORDAN, UT

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MARK	DATE	DESCRIPTION
		ISSUE TYPE: BID SET
		ISSUE DATE: AUGUST 22, 2008
		DCFM PROJECT NO: 08079680
		CAD PROJECT NO: 023XXX
		CAD DWG FILE: C-101.DWG
		DRAWN BY: AD
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SHEET TITLE
DEMOLITION AND SITE PREPARATION

SHEET NUMBER
C-101
 SHEET 3 OF 13





NORTH
0 20
SCALE 1"=20'

NOTES

1. CONTOURS SHOWN ARE FINISHED GRADE.
2. CONTRACTOR SHALL ESTABLISH TBC GRADES FROM LAYOUT SHEET (C-102) PRIOR TO ESTABLISHING ROUGH SUBGRADE FROM THE FINISHED CONTOURS ON THIS SHEET.
3. CONTACT NOEL EVANS AT FRANCOM & ASSOCIATES AT 295-7500 FOR BENCHMARK CONTROL.
4. CONTRACTOR SHALL CUT EXISTING MATERIAL TO DESIGN SUBGRADE AND COMPACT TO 90% MAX. DENSITY BEFORE PLACING BASE COURSE. CONTRACTOR SHALL REMOVE EXCESS NATIVE MATERIALS AND DISPOSE OF OFF-SITE.

FURNISH AND INSTALL 8.6 L.F. OF 12" ADS PIPE. SEE DETAIL E SHEET C-501. SLOPE = 1.0%

CONNECT NEW 12" ADS PIPE TO EXISTING CLEANOUT BOX. INVERT IN = 4574.44. CORE DRILL AND SEAL WITH NON-SHRINK GROUT.

FURNISH AND INSTALL 108.2 L.F. OF 12" ADS PIPE. SEE DETAIL E SHEET C-501. SLOPE = 1.0%

FURNISH AND INSTALL 107.6 L.F. OF 12" ADS PIPE. SEE DETAIL E SHEET C-501. SLOPE = 1.0%

FURNISH AND INSTALL CURB OPENING INLET. SEE DETAIL C SHEET C-501. GRATE ELEVATION = 4580.05 INVERT IN = 4575.81 INVERT OUT = 4575.71

FURNISH AND INSTALL CURB OPENING INLET. SEE DETAIL C SHEET C-501. GRATE ELEVATION = 4580.73 INVERT OUT = 4576.83

FURNISH AND INSTALL CURB OPENING INLET. SEE DETAIL C SHEET C-501. GRATE ELEVATION = 4579.67 INVERT IN = 4574.63 INVERT OUT = 4574.53



NOTES:
1. EXISTING SURVEY CONTROL BASED UPON SURVEY CONTROL FOR SLCC GIVEN BY FRANCOM & ASSOCIATES 295-7500. PLEASE CONTACT NOEL EVANS WITH QUESTIONS REGARDING SURVEY CONTROL.

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SLCC JORDAN CAMPUS NEW PARKING LOT J-C

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JORDAN CAMPUS
NEW PARKING
LOT J-C

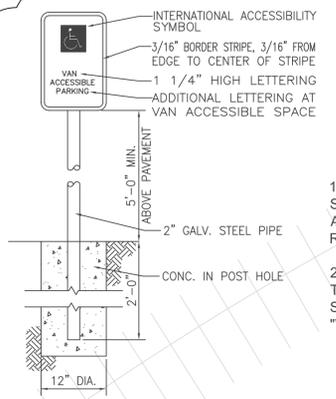
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ISSUE DATE:	AUGUST 22, 2008	
DCFM PROJECT NO.:	08079680	
CAD PROJECT NO.:	02-XXXX	
CAD DWG FILE:	C-100.DWG	
DRAWN BY:	AD	
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SHEET TITLE:		

GRADING AND DRAINAGE

SHEET NUMBER
C-103
SHEET 5 OF 13

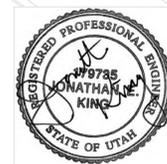


SCALE 1"=20'



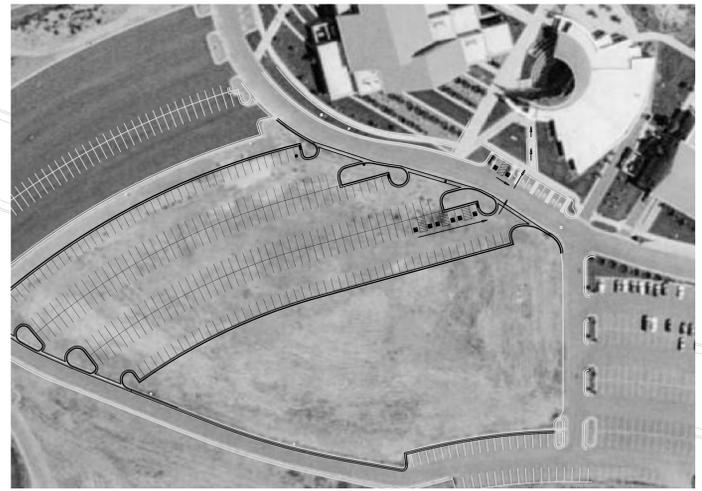
- 1. ALL H/C PARKING SIGNS SHALL MEET ANSI A117.1 2003 REQUIREMENTS.
- 2. AT LEAST ONE OF THE H/C PARKING SIGNS SHALL READ "VAN ACCESSIBLE"

HANDICAPPED_PARKING SIGN
SCALE: NTS



NOTES

- 1. ALL STRIPING SHALL BE 4" WIDE STRIPES.
- 2. STRIPING IN STAFF AREAS SHALL BE BLUE STRIPES WHILE STRIPING IN STUDENT PARKING SHALL BE YELLOW STRIPES.
- 3. ALL STRIPES SHALL RECEIVE TWO COATS OF PAINT. THE FIRST AT LEAST 24 HOURS AFTER PAVING AND THE SECOND SHALL BE COMPLETED ON THE NEAREST WEEKEND AT LEAST 2 WEEKS AFTER PAVING.
- 4. ALL PARKING STALLS SHALL BE 9' WIDE AND 18' LONG. ALL DRIVE ISLES SHALL BE A MINIMUM OF 24' WIDE.
- 5. THERE SHALL BE A MINIMUM OF 299 STALLS.
- 6. STALLS AT INTERIOR CURVES SHALL LINE UP PERPENDICULAR TO SEPARATION STRIPE.
- 7. THE CONTRACTOR SHALL PAINT THE OUTSIDE OF THE NEW CURB ISLANDS (FACING THE ACCESS ROADWAYS) RED MATCHING THE EXISTING RED CURBING AT THE BALANCE OF THE PARKING AREAS AT THE COLLEGE.
- 8. THERE ARE AN APPROXIMATE 301 NEW PARKING STALLS REQUIRING AN ADDITIONAL 8 HANDICAPPED PARKING STALLS. THE CONTRACTOR SHALL STRIPE THESE NEW HANDICAPPED STALLS WHERE SHOWN ON THE PLANS CONFORMING TO ALL APPLICABLE ADA STANDARDS FOR SYMBOLS, COLORS AND DIMENSIONS. ALL STALLS SHALL INCLUDE AN 8' WIDE LOADING/UNLOADING AREA (CONFORMING TO VAN ACCESSIBILITY) AS SHOWN ON THE DRAWING. ALL STALLS SHALL HAVE A HANDICAPPED PARKING SIGN AND POST (SEE DETAIL A THIS SHEET) PLACED AT THE HEAD OF THE STALL EITHER IN THE LANDSCAPED ISLAND OR THE ASPHALT.



HANDICAPPED PARKING ROUTE TO BUILDING ACCESS

- 1. THE ARROWS SHOW THE MOST DIRECT PATH TO THE CLOSEST BUILDING FOR HANDICAPPED ACCESS FROM THE 8 NEW HANDICAPPED PARKING STALLS.

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**SLCC JORDAN CAMPUS
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 WEST JORDAN, UT

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	9/2/2008	ADA CLARIFICATIONS
		ISSUE TYPE: BID SET
ISSUE DATE: AUGUST 22, 2008		
DFCM PROJECT NO.: 08079680		
CAD PROJECT NO.: 02-XXXX		
CAD DWG FILE: C-104.DWG		
DRAWN BY: AD		
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SHEET TITLE

SHEET NUMBER

C-104

SHEET 6 OF 13

**SLCC JORDAN CAMPUS
 NEW PARKING LOT J-C**

SITE/LOCATION:
 SALT LAKE COMMUNITY COLLEGE
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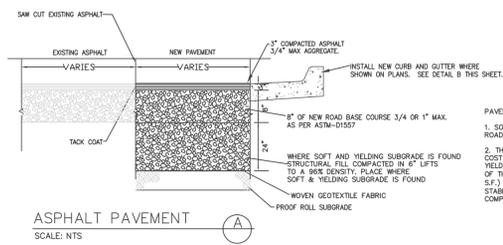
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 CAD DWG FILE: C-501.DWG
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SHEET TITLE:
 CIVIL DETAILS

SHEET NUMBER

C-501

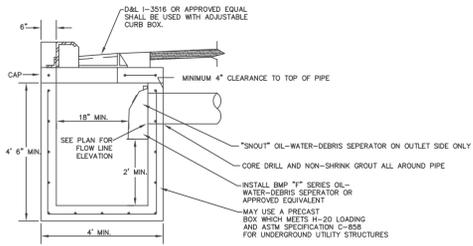
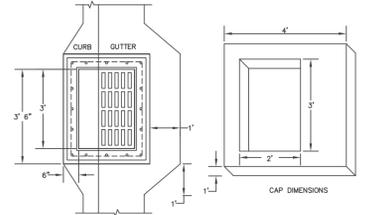
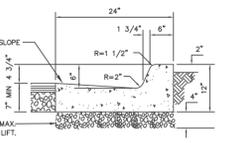
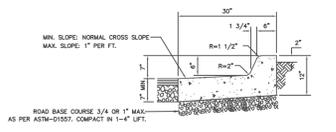
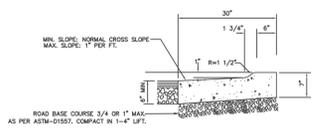
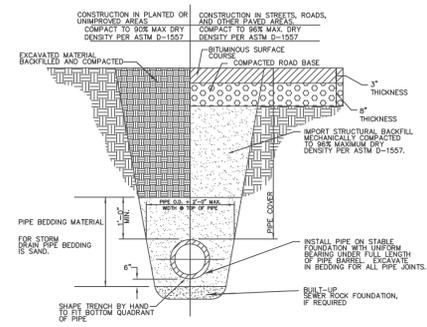
SHEET 8 OF 13



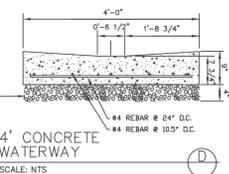
PAVEMENT NOTES:
 1. SOIL STERILENT SHALL BE PLACED ON THE PREPARED ROAD BASE BEFORE PAVING.
 2. THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST TO EXCAVATE AND REMOVE EXISTING SOFT & YIELDING SUBGRADE MATERIAL FOR APPROXIMATELY 10% OF THE TOTAL NEW PAVED AREA (APPROXIMATELY 6,400 S.F.) TO A 2' DEPTH AND REPLACE WITH A GROUND STABILIZING NON-WOVEN GEOTEXTILE FABRIC AND 2" OF COMPACTED SELECT FILL.

CONCRETE NOTES:
 CONCRETE SHALL HAVE A MINIMUM 28 DAY UNCONFINED COMPRESSIVE STRENGTH OF 4,000 POUNDS PER SQUARE INCH AND CONTAIN 5 PERCENT w/f FIBERMENT.
 ALL SAW CUTS MUST BE COMPLETED WITHIN 24 HOURS OF THE INITIAL SET OF THE CONCRETE AND SHOULD BE PERFORMED UNDER THE DIRECTION OF THE CONTRACTOR.

INCLUDE PRO MESH FIBER MESH IN ALL CONCRETE MIX OR APPROVED EQUAL. ADD AT 1.5 LBS PER CUBIC YARD OF MIX. MIX WELL FOR A MINIMUM OF 5 MINUTES BEFORE PLACING. SEE SPECIFICATIONS FOR MIX REQUIREMENTS.
 PLACE EXPANSION JOINTS AT ALL LOCATIONS WHERE NEW CONCRETE IS ADJUTING EXISTING CONCRETE PAVES. PLACE EXPANSION JOINTS AT 40' INTERVALS ON ALL NEW CONCRETE.



NOTES:
 1. #4 REBAR WILL BE SPACED AT MINIMUM OF 12" O.C. IN ALL DIRECTIONS IN CONCRETE.
 2. ALL REBAR SHALL OVERLAP A MINIMUM OF 14".
 3. "SNOUT" OIL-WATER-DEBRIS SEPARATOR SHALL BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS.



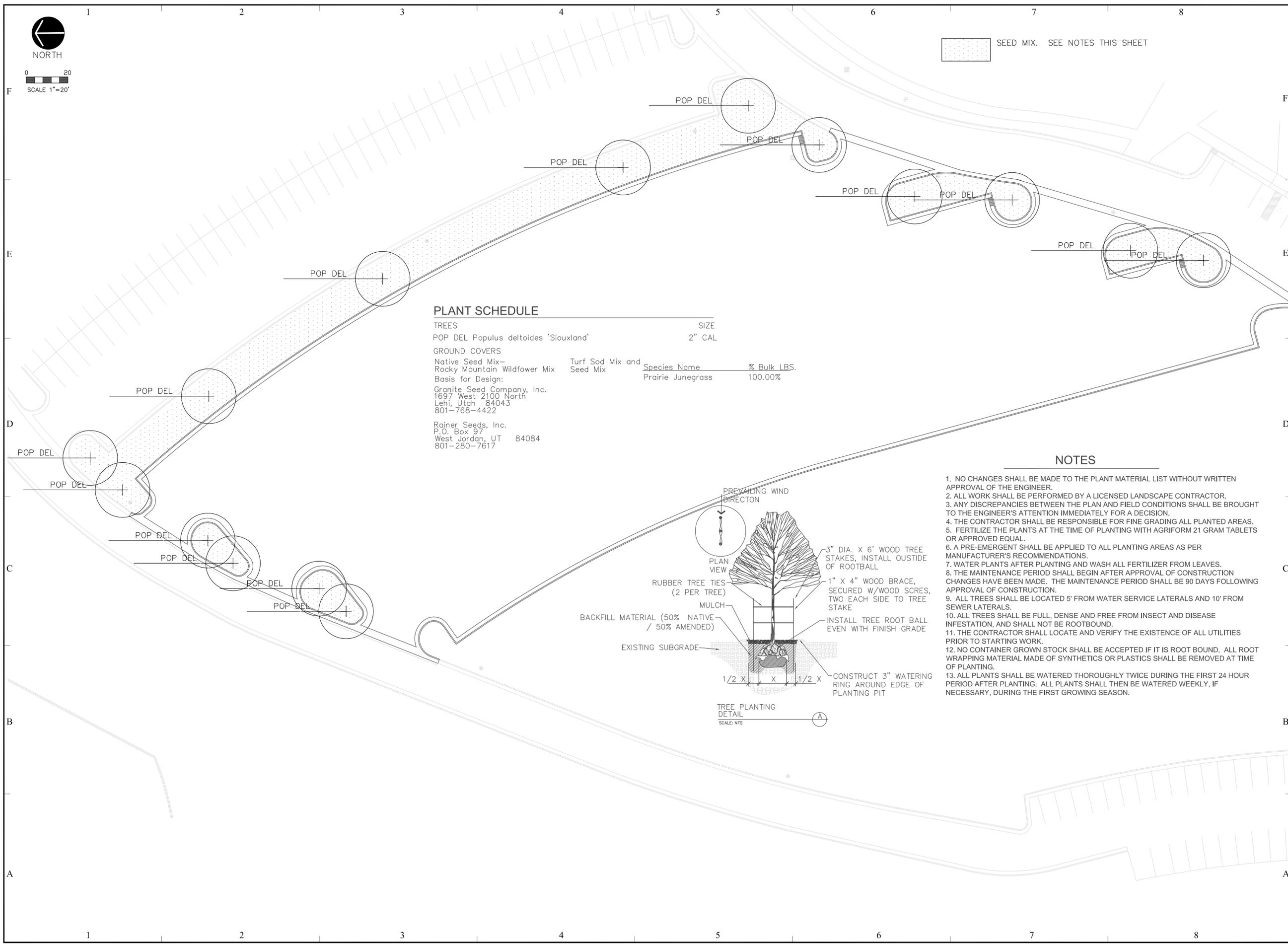


SCALE 1"=20'

SEED MIX. SEE NOTES THIS SHEET

King Engineering, Inc. 2825 E Cottonwood Parkway Salt Lake City, Utah 84121 Phone: 801.990.3170 Fax: 801.990.3293 Internet: www.pavementmanagement.com

SLCC JORDAN CAMPUS NEW PARKING LOT J-C



PLANT SCHEDULE

TREES	SIZE
POP DEL Populus deltoides 'Siouxland'	2" CAL

GROUND COVERS		Species Name	% Bulk LBS.
Native Seed Mix-	Turf Sod Mix and Seed Mix	Prairie Junegrass	100.00%
Rocky Mountain Wildflower Mix			

Basis for Design:
 Granite Seed Company, Inc.
 1697 West 2100 North
 Lehi, Utah 84043
 801-768-4422

Rainer Seeds, Inc.
 P.O. Box 97
 West Jordan, UT 84084
 801-280-7617

NOTES

1. NO CHANGES SHALL BE MADE TO THE PLANT MATERIAL LIST WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
2. ALL WORK SHALL BE PERFORMED BY A LICENSED LANDSCAPE CONTRACTOR.
3. ANY DISCREPANCIES BETWEEN THE PLAN AND FIELD CONDITIONS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY FOR A DECISION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING ALL PLANTED AREAS.
5. FERTILIZE THE PLANTS AT THE TIME OF PLANTING WITH AGRIFORM 21 GRAM TABLETS OR APPROVED EQUAL.
6. A PRE-EMERGENT SHALL BE APPLIED TO ALL PLANTING AREAS AS PER MANUFACTURER'S RECOMMENDATIONS.
7. WATER PLANTS AFTER PLANTING AND WASH ALL FERTILIZER FROM LEAVES.
8. THE MAINTENANCE PERIOD SHALL BEGIN AFTER APPROVAL OF CONSTRUCTION CHANGES HAVE BEEN MADE. THE MAINTENANCE PERIOD SHALL BE 90 DAYS FOLLOWING APPROVAL OF CONSTRUCTION.
9. ALL TREES SHALL BE LOCATED 5' FROM WATER SERVICE LATERALS AND 10' FROM SEWER LATERALS.
10. ALL TREES SHALL BE FULL, DENSE AND FREE FROM INSECT AND DISEASE INFESTATION, AND SHALL NOT BE ROOTBOUND.
11. THE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
12. NO CONTAINER GROWN STOCK SHALL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT TIME OF PLANTING.
13. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY, IF NECESSARY, DURING THE FIRST GROWING SEASON.

SITE/LOCATION:
SALT LAKE COMMUNITY COLLEGE
3491 W 9000 S
WEST JORDAN, UT

PROJECT TITLE:
JORDAN CAMPUS
NEW PARKING
LOT J-C

MARK	DATE	DESCRIPTION
ISSUE TYPE:		BID SET
ISSUE DATE:	AUGUST 22, 2008	
DCFM PROJECT NO.:	08079680	
CAD PROJECT NO.:	023XXX	
CAD DWG FILE:	L-101.DWG	
DRAWN BY:	AD	
CHKD BY:	JEK	
COPYRIGHT:	STATE OF UTAH	
SHEET TITLE:		

PLANTING PLAN
SHEET NUMBER
L-101
SHEET 9 OF 13

IRRIGATION NOTES

1. THE CONTRACTOR SHALL TIE IN THE NEW IRRIGATION SYSTEM TO AN EXISTING 6" WATER MAIN BURIED FROM BETWEEN 48" AND 60" APPROXIMATELY WHERE SHOWN ON THE PLAN.
2. THE CONTRACTOR SHALL CONNECT ALL VALVES TO THE EXISTING CONTROLLER AND CLOCK LOCATED AT THE SOUTHWEST CORNER OF THE GARBAGE ENCLOSURE LOCATED BETWEEN THE STUDENT PAVILION BUILDING AND THE JORDAN APPLIED TECHNOLOGY BUILDING. THE APPROXIMATE RUN FROM THE SOUTHWEST CORNER OF THE NEW PARKING AREA TO THE EXISTING CONTROLLER IS 670 LINEAL FEET. IT WILL CROSS UNDER ASPHALT PAVEMENT AND CONCRETE SIDEWALK. THE CONTRACTOR SHALL RESTORE ALL CROSSINGS TO COLLEGE STANDARDS INCLUDING AT A MINIMUM 3" OF COMPACTED ASPHALT OVER 8" OF COMPACTED ROAD BASE OVER COMPACTED STRUCTURAL FILL FOR THE TRENCHES. THE CONTRACTOR SHALL SAW CUT ASPHALT AT ALL TRENCHES.
3. THE CONTRACTOR SHALL CONNECT THE EXISTING CONTROLLER LOCATED AT THE GARBAGE ENCLOSURE TO AN EXISTING TUNNEL LOCATED AT APPROXIMATELY THE SOUTHWEST CORNER OF THE EXISTING JORDAN APPLIED TECHNOLOGY BUILDING USING MAXI-COM WIRING AND COMPATIBLE CONNECTION. THE APPROXIMATE RUN IS 220 LINEAL FEET.
4. ANY QUESTIONS REGARDING THE LOCATIONS, TYPES AND CONDITIONS OF THE EXISTING WATER LINE TIE-INS, CONTROLLER, TUNNEL, ETC. MAY BE DIRECTED TO JUSTIN RYKER OF SLCC AT 831-7725.
5. THE CONTRACTOR SHALL NOTIFY JUSTIN RYKER OF SLCC 48 HOURS IN ADVANCE OF DIGGING TO TIE INTO THE EXISTING WATER MAIN AND TIE INTO THE EXISTING CONTROLLER.
6. THIS DRAWING IS DIAGRAMMATIC ONLY AND IS INTENDED TO CONVEY THE IDEA OF FULL COVERAGE OF THE IRRIGATION SPRINKLER SYSTEM. PRINTS SHALL NOT BE SCALED. THE IRRIGATION SYSTEM CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION LAYOUT OF THE SYSTEM IN ACCORDANCE WITH THE DRAWINGS TO PROPORTIONALLY COVER A GIVEN AREA AS SHOWN. THE LAYOUT MAY BE MODIFIED IF NECESSARY TO OBTAIN COVERAGE TO SUITE THE MANUFACTURER'S STANDARD HEADS INDICATED. DO NOT DECREASE THE NUMBER OF HEADS INDICATED UNLESS THIS IS ACCEPTABLE TO THE AGENCY OR ENGINEER. THE SYSTEM SHALL BE TESTED FOR COMPLETE COVERAGE AND ALL NECESSARY PROPER ADJUSTMENTS MADE TO GET FULL AND PROPER COVERAGE PRIOR TO ACCEPTANCE BY THE OWNER.
7. THE SYSTEM IS DESIGN FOR 55 PSI OPERATING PRESSURE ON ALL ROTORS AND 30 PSI OPERATING PRESSURE ON ALL SPRAY HEADS UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY PRESSURE AND USE PRESSURE REDUCERS IF NEEDED.
8. ALL MAIN LINE PIPE SHALL BE SCH 40 PVC PIPE ALL MAINLINE FITTINGS SHALL BE SCH 80 ASTM 2466 FITTINGS ALL LATERAL LINE PIPE SHALL BE NEW SCH 40 PVC PIPE. FITTINGS ON ALL LATERAL LINES SHALL BE 40 ASTM 2468 FITTINGS UNLESS OTHERWISE SHOWN IN DETAILS.
9. LIVE SERVICE MAINS SHALL BE INSTALLED A MINIMUM OF 18" BELOW FINISH GRADE. BACKFILL TRENCH AROUND LIVE SERVICE MAIN WITH A MINIMUM OF 8" OF ROCK FREE SOIL. LATERAL LINES SHALL BE PLACED A MINIMUM OF 12" BELOW FINISHED GRADE.
10. ALL LINES SHALL SLOPE TO DRAIN. IF FIELD CONDITIONS NECESSITATE, ADD ADDITIONAL DRAINS. THESE DRAINS SHALL BE INSTALLED FOR COMPLETE DRAINAGE OF THE ENTIRE SYSTEM PROVIDE A 12" DIA. X 12" DEEP GRAVEL SUMP UNDER EACH DRAIN WHICH DRAIN SHALL BE A MIN. OF 6" BELOW GRADE. ALL MANUAL DRAIN VALVES SHALL BE ENCLOSED IN A 2" PVC PIPE WITH A RUBBER CAP EXTENDING TO 1" ABOVE FINISHED GRADE.
11. CONNECT MAINLINE TO THE EXISTING METER OR WATER LINE AND VERIFY MAINLINE IS PROTECTED BY FUNCTIONING BACKFLOW PREVENTION AS REQUIRED BY MUNICIPALITY AND IN ACCORDANCE WITH COLLEGE STANDARDS.
12. ALL VALVES WILL BE LOCATED IN GROUPS WHERE SHOWN ON DRAWINGS. A DRAIN VALVE WITH SUMP AND QUICK COUPLER SHALL BE PROVIDED AND INSTALLED AT EACH GROUP OF VALVES. VALVES SHALL BE LOCATED 3' FROM ANY CURB.
13. ALL VALVES TO BE WIRED TO CONTROLLERS USING #14 U.F. WIRE AND PEN-TITE WATER RESISTANT WIRE CONNECTORS. ALL VALVE WIRES UNDER PAVING SHALL BE INSTALLED IN 2" SCH 40 PVC CONDUIT BURIED 24" DEEP. PROVIDE AND INSTALL A DIFFERENT COLOR VALVE WIRE FOR EACH CONTROLLER. RUN ONE EXTRA WIRE FROM THE ADJACENT CONTROLLER TO EACH GROUP OF VALVES FOR FUTURE USE AND STUB INTO THE VALVE BOX.
14. ALL VALVE BOXES SHALL BE JUMBO SIZED PLASTIC BOXES, CARSON BROOKS OR EQUAL.
15. QUANTITIES ARE PROVIDED FOR ESTIMATION PURPOSES ONLY. PROJECT ENGINEER IS NOT RESPONSIBLE FOR QUANTITIES CONTRACTOR SHALL VERIFY ALL QUANTITIES.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY SITE ITEMS DAMAGED INSURING THE SOURCES OF CONSTRUCTION.
17. THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS OF THE IRRIGATION SPRINKLER SYSTEM SHOWING EXACT MEASURED AND DIMENSIONED LOCATIONS OF ALL VALVES, WIRE SPLICES NOT IN A VALVE BOX AND DRAIN VALVES. TIE DIMENSIONS TO PERMANENT FEATURES SUCH AS STRUCTURES OR LIGHT POLES.
18. WHERE CONSTRUCTION ACTIVITIES HAVE DISTURBED THE SITE INSIDE OR OUTSIDE OF THE CONTRACT LIMIT LINE, ALL AREAS SHALL BE REPAIRED AND RESTORED TO ORIGINAL CONDITION. REPAIRED AREAS SHALL BE CONSTRUCTED TO PROVIDE A SMOOTH TRANSITION IN GRADING AND MATERIALS FROM EXISTING TO NEW CONSTRUCTION.

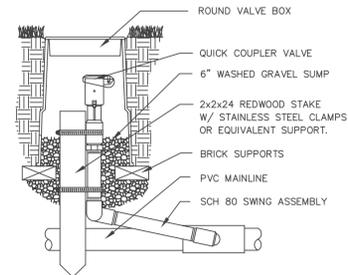
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS
	Rain Bird 1806 10' radius Turf Spray 6" popup	30		
	Rain Bird 1806 12' radius Turf Spray 6" popup	30		
	Rain Bird 1806 15' radius Turf Spray 6" popup	30		
	Rain Bird 1806 adjustable arc Turf Spray 6" popup	30		

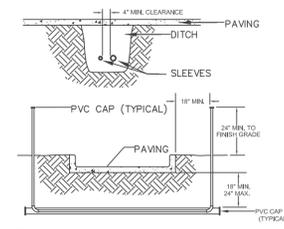
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	GPM	RADIUS
	Rain Bird 3504-PC-SAM Turf Rotor, 4" popup, adjustable and full circle, with check valve	55	0.9	16'
	Rain Bird 3504-PC-SAM Turf Rotor, 4" popup, adjustable and full circle, with check valve	55	1.2	19'
	Rain Bird 3504-PC-SAM Turf Rotor, 4" popup, adjustable and full circle, with check valve	55	1.7	21'

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB-PRS-D Electric Remote Control Valve with Pressure Regulator
	Rain Bird SRC 1" Quick Coupler Valve, one piece body
	Controller: Rainbird Maxi-Com ESP-SAT36
	Irrigation Lateral Line: PVC Schedule 40 Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4" in size.
	Irrigation Mainline: PVC Schedule 40

Valve Callout	
	Valve Number
	Valve GPM
	Valve Size

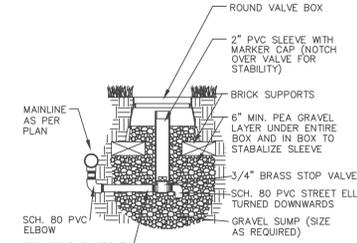


QUICK COUPLER
SCALE: NTS

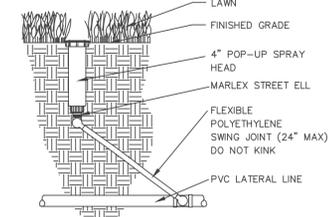


SLEEVING DETAIL
SCALE: NTS

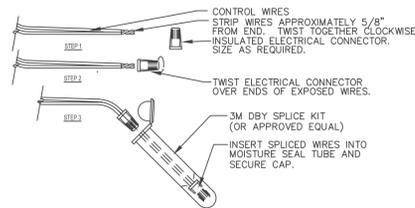
- NOTES:
1. ALL PVC IRRIGATION SLEEVES TO BE CLASS 200 PIPE.
 2. ALL JOINTS TO BE SOLVENT WELDED AND WATER TIGHT.
 3. WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND THE SMALLER SLEEVE TO 24-INCHES MINIMUM ABOVE FINISH GRADE.
 4. MECHANICALLY TAMP TO 95% PROCTOR.



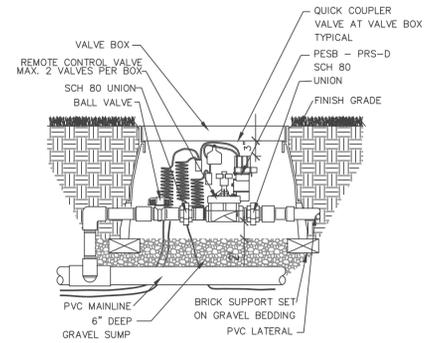
MAINLINE DRAIN
SCALE: NTS



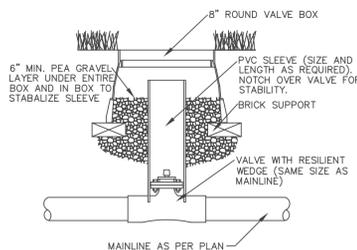
6" POPUP SPRAYHEAD
SCALE: NTS



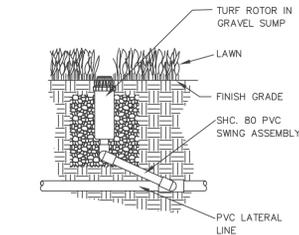
WIRE SPlicing AND VALVE BOX
SCALE: NTS



VALVE ASSEMBLY
SCALE: NTS



GATE VALVE
SCALE: NTS



ROTOR DETAIL
SCALE: NTS

**SLCC JORDAN CAMPUS
NEW PARKING LOT J-C**

SITE/LOCATION:
SALT LAKE COMMUNITY COLLEGE
3491 W 9000 S
WEST JORDAN, UT

PROJECT TITLE:
**JORDAN CAMPUS
NEW PARKING
LOT J-C**

MARK DATE DESCRIPTION
ISSUE TYPE: BID SET
ISSUE DATE: AUGUST 22, 2008

DCFM PROJECT NO: 08079680
CAD PROJECT NO: 02-XXXX
CAD DWG FILE: L-501.DWG
DRAWN BY: AD
CHK'D BY: JEK
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SHEET TITLE
IRRIGATION DETAILS

SHEET NUMBER

L-501

SHEET 11 OF 13

**SLCC JORDAN CAMPUS
 NEW PARKING LOT J-C**

SITE/LOCATION:
 SALT LAKE COMMUNITY COLLEGE
 3491 W 9000 S
 WEST JORDAN, UT

PROJECT TITLE:
 SLCC JORDAN CAMPUS
 NEW PARKING
 LOT J-C

MARK DATE DESCRIPTION
 ISSUE TYPE: BID DOCUMENTS
 ISSUE DATE: AUGUST 22, 2008
 DFCM PROJECT NO.: 08079680
 CAD PROJECT NO.:
 CAD DWG FILE: E-101.dwg
 DRAWN BY: W.B.G.
 CHECKED BY: R.G.K.
 COPYRIGHT: STATE OF UTAH
 SHEET TITLE

ELECTRICAL
 SITE PLAN

SHEET NUMBER

ES101

SHEET 12 OF 13

KEYED NOTES:

- ① EXISTING (4) 1-1/4" CONDUIT UNDERGROUND TO HEATING PLANT TO REMAIN.
 CONDUIT #1: IHD-10/14, 2P-20A EACH 4 #, ILD-50, 2 #, 1 # GND
 CONDUIT #2: IHD-18/22, 2P-20A EACH 4 #, ILD-52, 2 #, 1 # GND
 CONDUIT #3: IHD-26, 2 #, 1 # GND
 CONDUIT #4: SPARE CONDUIT TO REMAIN FOR FUTURE PARKING.
- ② EXISTING 13" x 24" x 15" UNDERGROUND PULLBOX #1 TO REMAIN.
- ③ TWO EXISTING 1-1/4" PVC UNDERGROUND TO REMAIN. PROVIDE NEW CONDUCTORS IN ONE CONDUIT AND CONNECT TO EXISTING CIRCUITS AT EXISTING PULLBOX #1 AS INDICATED. SECOND CONDUIT IS TO REMAIN FOR FUTURE PARKING.
- ④ EXISTING 14" x 19" x 18" UNDERGROUND PULLBOX #2 TO REMAIN.
- ⑤ NEW 14" x 19" x 18" UNDERGROUND PULLBOX #3 FOR FUTURE PARKING. CARSON INDUSTRIES #418-18 WITH "T" COVER MARKED "ELECTRIC", OR EQUAL, TO MATCH EXISTING PULLBOX #2.
- ⑥ CONNECT ONE LIGHT HEAD ON EACH POLE TO EXISTING PHOTOCELL ON PHOTOCELL OFF "NIGHT LIGHT" CIRCUIT IHD-18. CONNECT SECOND LIGHT HEAD TO EXISTING PHOTOCELL ON / TIMED OFF CIRCUIT IHD-22.
- ⑦ EXISTING 1000 WATT METAL HALIDE ROADWAY LIGHT POLE TO REMAIN.
- ⑧ RELOCATE EXISTING 1000 WATT ROADWAY LIGHT FIXTURE, 35 FT POLE, AND CONCRETE FOUNDATION WITH BREAKAWAY POLE BASE TO NEW LOCATION AS SHOWN.
- ⑨ EXTEND EXISTING UNDERGROUND CONDUIT FROM EXISTING POLE LOCATION TO NEW POLE LOCATION. FIELD VERIFY EXISTING CONDUIT SIZE.
- ⑩ EXISTING UNDERGROUND CONDUIT TO REMAIN. REMOVE EXISTING WIRING TO EXISTING POLE TO BE RELOCATED. PROVIDE NEW WIRING IN EXTENDED CONDUIT TO RELOCATED POLE. FIELD VERIFY EXISTING WIRE SIZE AND MATCH.
- ⑪ PROVIDE 2" PVC SPARE CONDUIT UNDERGROUND TO PLANTING AREA AS INDICATED. CAP CONDUIT AND MARK LOCATION WITH PERMANENT METAL STAKE.
- ⑫ EXISTING PARKING LOT LIGHTS WITH TWO 1000 WATT METAL HALIDE FIXTURES ON 32 FT POLE TO REMAIN. SHOWN FOR REFERENCE ONLY.
- ⑬ EXISTING WALKWAY LIGHT WITH 175 WATT METAL HALIDE FIXTURE ON 19 FT POLE TO REMAIN. SHOWN FOR REFERENCE ONLY.
- ⑭ EXISTING (4) 1-1/4" PVC SPARE CONDUITS STUBBED TO THIS APPROXIMATE LOCATION FROM THE HEATING PLANT UNDER A PREVIOUS PROJECT. THE EXISTING CONDUITS CANNOT BE LOCATED. THIS CONTRACTOR IS TO MAKE A REASONABLE ATTEMPT TO LOCATE THE EXISTING CONDUITS USING AN ELECTRONIC TRACER. A REASONABLE ATTEMPT SHALL BE CONSIDERED AS A 2 MAN CREW WITH A TRACER WORKING A FULL DAY. REPORT RESULTS OF INVESTIGATION TO THE ENGINEER AND OWNER'S PROJECT MANAGER. MARK LOCATION OF CONDUITS IF LOCATED.

HEATING PLANT
 DISTRIBUTION
 BUILDING
 SEE PARTIAL ENLARGED
 ELECTRICAL PLAN,
 SHEET E-101

HIGH TECH
 CENTER

EXISTING PARKING

NEW PARKING

FUTURE PARKING

GENERAL NOTES:

1. BURY ALL UNDERGROUND CONDUITS MINIMUM 24" BELOW FINISH GRADE WITH RED MAGNETIC WARNING TAPE STATING "CAUTION - BURIED ELECTRICAL" 12 INCHES ABOVE THE CONDUIT.
2. USE GALVANIZED RIGID STEEL CONDUIT (GRC) FOR ALL CONDUIT THROUGH GRADE AND ELBOWS IN PVC CONDUIT RUNS. CORROSION PROTECT GRC CONDUIT IN ACCORDANCE WITH SPECIFICATION SECTION 16110.
3. COORDINATE ELECTRICAL SITE WORK WITH GENERAL SITE PLAN, GENERAL CONTRACTOR, AND LANDSCAPING CONTRACTOR. INSTALL UNDERGROUND CONDUITS SUCH THAT CONDUITS WILL NOT BE DAMAGED BY SUBSEQUENT INSTALLATION OF TREES AND SHRUBBERY, OR OTHER UNDERGROUND UTILITIES.
4. LOCATIONS OF EXISTING LIGHT POLES, BRANCH CIRCUIT WIRING, ETC., ARE BASED ON EXISTING ELECTRICAL DRAWINGS AND FIELD OBSERVATION OF EXISTING SURFACE CONDITIONS. FIELD VERIFY EXISTING LOCATIONS AND CIRCUITING AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY ADVERSELY AFFECT COMPLETION OF THE WORK.

ELECTRICAL SITE PLAN
 SCALE: 1" = 40'-0"

