SNOW COLLEGE RICHFIELD
PARKING IMPROVEMENTS
2008

PREPARED BY:

SUNRISE ENGINEERING, INC.

25 EAST 500 NORTH

FILLMORE, UTAH 84631

TEL (435) 743-6151

FAX (435) 743-7900

SUNRISE ENGINEERING

State of Utah
Department of Administrative Services

Division of Facilities
Construction & Management
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Salt Lake City, Utah 84114
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http://dfcm.utah.gov

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PROJECT NAME:

SNOW COLLEGE
RICHFIELD
PARKING
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ENGINEER'S STAMP

LICENSED PROFESSIONAL ENGINEER
186879
ZANE W.
PENTZ
STATE OF UTAH

MARK	DATE	DESCRIPTION

ISSUE TYPE: 100%

ISSUE DATE: March 10, 2008

DFCM PROJECT NO: 07348710
SEI PROJECT NO: 02897
CAD DWG FILE: DDFMSCS-G002
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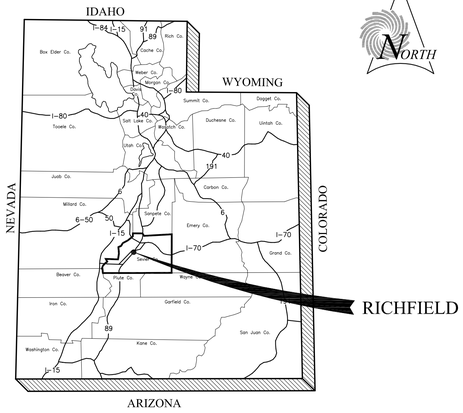
DRAWING TITLE

TITLE SHEET

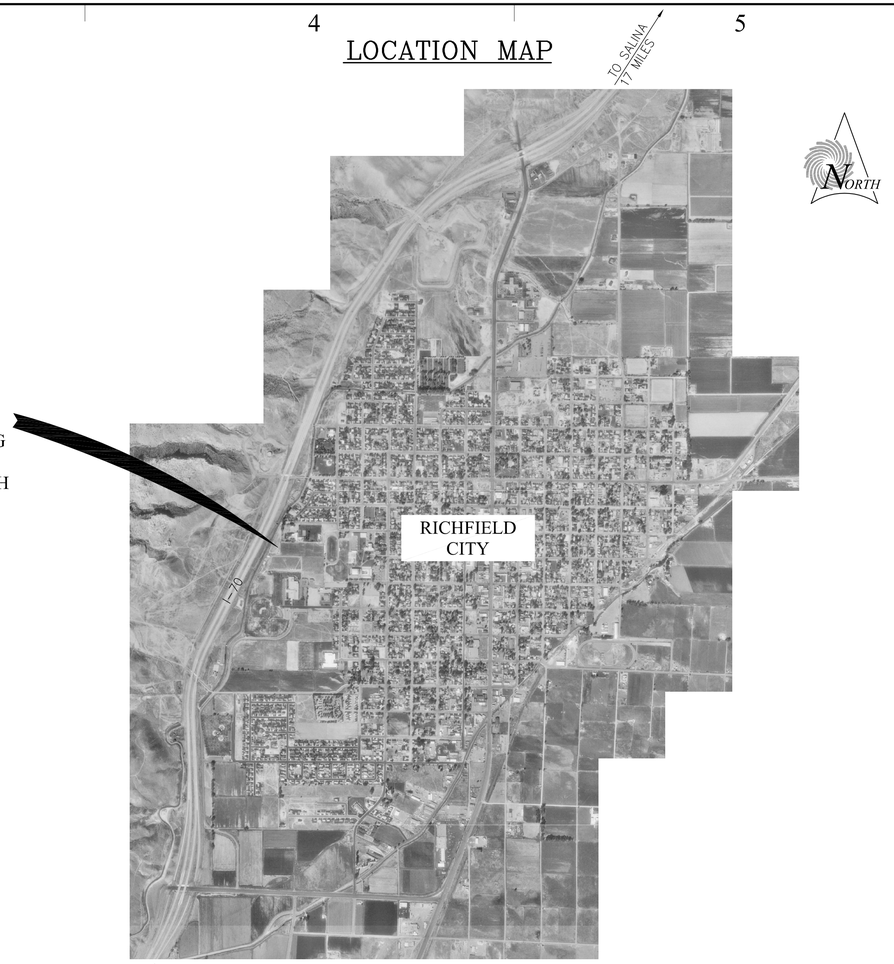
DRAWING NUMBER

G1

AREA MAP



LOCATION MAP



LEGEND

CROSS REFERENCING — DETAIL DESIGNATION / DRAWING NUMBER

NEW CONTOURS

EXIST. CONTOURS

SHEET INDEX

GENERAL	DWG NO.	SHT NO.
TITLE SHEET	G1	1
AREA MAP, LOCATION MAP,LEGEND, & SHEET INDEX	G2	2
CONSTRUCTION NOTES	G3	3
MEASUREMENT AND PAYMENT SCHEDULE	G4	4
PLAN SHEETS		
PLAN SHEET–SITE PLAN	P1	5
PLAN SHEET–GRADING PLAN	P2	6
PLAN SHEET–SIGNING STRIPING PLAN	P3	7
TYPICAL DETAILS		
TYPICAL DETAILS	D1–D3	8–10
LIGHTING SHEETS		
LIGHTING SHEETS–ELECTRICAL INDEX	E1	11
LIGHTING SHEETS–SCHEMATIC/EQUIPMENT SCHEDULE	E2	12
LIGHTING SHEETS–ELECTRICAL PLAN	E3	13
LIGHTING SHEETS–LIGHTING LUMEN LEVELS	E4	14
LIGHTING SHEETS–ELECTRICAL DETAILS	E5–E6	15–16

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AREA MAP, LOCATION MAP, LEGEND, & SHEET INDEX

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G2

CONSTRUCTION NOTES AND SUPPLEMENTAL SPECIFICATIONS

1. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH SUNRISE ENGINEERING, INC. STANDARD SPECIFICATIONS.
2. DO NOT DISTURB EXISTING UTILITIES. LOCATE EXISTING UTILITIES BY "BLUE STAKES". CONTACT AND COORDINATE WITH UTILITY COMPANY FOR UTILITY RELOCATIONS. COOPERATE WITH THE UTILITY COMPANY IF RELOCATIONS ARE REQUIRED.
3. JOB SITE VISITS BY THE OWNER DURING CONSTRUCTION ARE FOR THE PURPOSE OF OBSERVING THE WORK PERFORMED ONLY AND DO NOT CONSTITUTE ACCEPTANCE OF THE WORK.
4. NOTIFY THE OWNER OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK.
5. VERIFY ALL CONDITIONS, DIMENSIONS AND ELEVATIONS, ETC. AND NOTIFY THE OWNER OF ANY DISCREPANCIES. COORDINATE WORK PERFORMED BY ALL TRADES. DO NOT SCALE DRAWINGS.
6. COORDINATE WITH SNOW COLLEGE FACILITIES MANAGER SAM STEED (435-893-2235) TO LOCATE EXISTING LAWN AND LANDSCAPING IRRIGATION SYSTEM. LOCATE ALL IRRIGATION PIPELINES WITHIN THE PROJECT AREA. CUT AND CAP EACH PIPELINE FIVE FEET BEHIND PROPOSED PROJECT PERIMETER CONCRETE. INCLUDE THE COST FOR THIS WORK INCLUDING THE REMOVAL AND DISPOSAL OF REMAINING IRRIGATION SYSTEM MATERIALS IN THE CONTRACT UNIT PRICE FOR EXCAVATION AND SUBGRADE PREPARATION.
7. PROVIDE MEANS OF MANAGING ANY STORM WATER, GROUND WATER, OR NUISANCE SURFACE WATER FROM INTERFERING WITH THE CONSTRUCTION OPERATION.
8. DO NOT SAW CUT CONTROL JOINTS IN CONCRETE. CONSTRUCT TOOLED CONTROL JOINTS AS PER PLAN DETAILS IN EACH DIRECTION IN ALL CONCRETE SURFACING AS FOLLOWS UNLESS OTHERWISE DIRECTED OR NOTED:
   CONCRETE SIDEWALK 4" THICK – 5 FEET SPACING
   CONCRETE PAVEMENT 6" THICK – 12 FEET SPACING
9. USE CLASS 3500 CONCRETE IN ACCORDANCE WITH SUNRISE ENGINEERING, INC. STANDARD SPECIFICATIONS (6 BAG MIN, 3700 PSI AT 28 DAYS).
10. MATCH ALL CONCRETE SURFACING GRADES WITH EXISTING GRADES EXCEPT WHERE NOTED OTHERWISE ON THE DRAWINGS.
11. PROVIDE CONSTRUCTION SURVEY STAKING TO ESTABLISH LINES AND GRADES FOR ALL SURFACING IMPROVEMENTS.
12. PROTECT THE FINISH ON FRESHLY PLACED CONCRETE UNTIL IT IS CURED AND SET. REPLACE CONCRETE THAT HAS BEEN DAMAGED DURING THE INITIAL CURE AT NO EXTRA COST TO THE OWNER.
13. INCLUDE THE COST FOR REMOVING ALL APPURTENANCES ASSOCIATED WITH THE CONTRACT REMOVAL ITEMS AND THE DISPOSAL OF ALL REMOVED ITEMS IN THE COST FOR THE RELATED ITEM. OBTAIN THE NECESSARY PERMITS FOR THE DISPOSAL SITES.
14. INCLUDE REINFORCING STEEL REQUIRED IN CONCRETE WORK IN THE CONTRACT BID PRICE FOR THE RELATED WORK.
15. UNTREATED BASE COURSE WILL BE MEASURED AT THE SAME QUANTITY AS THE SURFACING MATERIAL ABOVE IT.
16. TURF SOD REPLACEMENT ADJACENT TO NEW IMPROVEMENTS AND LAWN IRRIGATION SYSTEM RECONSTRUCTION WILL BE PERFORMED BY THE OWNER.
17. NO SEPARATE PAYMENT WILL BE MADE FOR ANY WORK ITEM THAT IS NOT SPECIFICALLY SET FORTH IN THE BID SCHEDULE. ALL OTHER COSTS ASSOCIATED WITH THE PARKING LOT IMPROVEMENTS SHALL BE CONSIDERED INCIDENTAL WORK AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES INDICATED IN THE BID SCHEDULE FOR THE VARIOUS APPURTENANT ITEMS OF WORK.

SURVEY CONTROL

Points

Project : Snow College Event Parking

User name	bchristensen	**Date & Time**	3:53:13 PM 3/11/2008
Coordinate System	US State Plane 1983 (WGS 84)	**Zone**	Utah Central 4302
Project Datum			
Vertical Datum		**Geoid Model**	GEOID03 (Conus)
Coordinate Units	US survey feet		
Distance Units	US survey feet		
Height Units	US survey feet		

Point listing

Name	Northing	Easting	Elevation	Feature Code
RIF A	6709413.686	1470160.684	5275.810	
RIF B	6712194.049	1470668.736	5280.009	
RIF C	6705230.900	1467973.326	5306.321	
CP-LDS	6719219.360	1470075.316	5373.729	CP-LDS
CP-ARMORY-SE	6719607.756	1470573.211	5363.468	CMPK-FND

Back to top

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CONSTRUCTION NOTES

DRAWING NUMBER

G3

MEASUREMENT AND PAYMENT SCHEDULE

ITEM #	SECT. #	ITEM DESCRIPTION	UNIT OF MEASUREMENT	MEASUREMENT AND PAYMENT PROVISIONS
1	02000	MOBILIZATION	LUMP SUM	
2	02005	TRAFFIC CONTROL	LUMP SUM	INCLUDES THE COSTS FOR CHANNELIZING DEVICES, BARRICADES, ETC. REQUIRED FOR TRAFFIC CONTROL AND PEDESTRIAN SAFETY
3	02015	CLEARING AND GRUBBING	LUMP SUM	
4	02105	IMPORTED GRANULAR FILL	CUBIC YARD	USE IMPORTED GRANULAR FILL AS DIRECTED BY THE ENGINEER IF NATIVE MATERIAL IS UNSUITABLE FOR THE SUBGRADE. INCLUDES THE COST FOR REMOVING AND DISPOSING THE UNSUITABLE MATERIAL. MEASURED PER CUBIC YARD IN PLACE.
5	02105	UNTREATED BASE COURSE 4" THICK	SQUARE FEET	IN PLACE
6	02105	UNTREATED BASE COURSE 6" THICK	SQUARE FEET	IN PLACE
7	02227SP	60" DIAMETER DRAINAGE SUMP	EACH	INCLUDES EXCAVATION, BACKFILLING, CONCRETE APRON, METAL RING AND GRATE, GEOTEXTILE FABRIC, DRAIN GRAVEL, AND ALL OTHER MATERIALS AND WORK ASSOCIATED WITH THE DRAINAGE SUMP.
8	02202	EXCAVATION AND SUBGRADE PREPARATION	LUMP SUM	INCLUDES ALL COSTS FOR EXCAVATING, PREPARING THE SUBGRADE INCLUDING CONSTRUCTING EMBANKMENT FILL, BACKFILL WHERE REQUIRED FOR THE UNTREATED BASE COURSE AND CONCRETE AND ASPHALT SURFACING AT ALL SPECIFIED LOCATIONS INCLUDING REMOVING AND DISPOSING OF THE EXCESS EXCAVATED MATERIAL, COMPACTION NAD GRADING. VERIFY EXCAVATION QUANTIES WITH RESPECT TO THE DESIGN GRADES.
9	02500	REMOVE ASPHALT PAVEMENT	SQUARE YARD	
10	02500	REMOVE CONCRETE CURB AND GUTTER	LINEAR FEET	IN PLACE
11	02500	REMOVE CONCRETE SIDEWALK	SQUARE YARD	IN PLACE
12	02500	REMOVE AND RELOCATE SIGN	EACH	INCLUDES ALL COST IN REMOVING EXISTING SIGN, SIGN POST, FOUNDATION, AND BACKFILLING EXISTING SIGN HOLE. ALSO INCLUDED ALL WORK REQUIRED TO INSTALL NEW SIGN POST, FOUNDATION AND INSTALL EXISTING SIGN ONTO SIGN POST.
13	02510	MATERIALS SAMPLING AND TESTING	LUMP SUM	
14	02511	3 1/2" HOT PLANT MIX BITUMINOUS SURFACING	SQUARE FEET	INCLUDES AGGREGATES, ASPHALT BINDER, ADDITIVES, TACK COAT, ETC.
15	02520	ASPHALT PAVEMENT SAWING	LINEAR FEET	SAWCUT FULL DEPTH.
16	02520	CONCRETE SAWING	LINEAR FEET	SAWCUT FULL DEPTH. INCLUDES THE COST FOR SAWING REINFORCING STEEL THAT MAY BE IN THE CONCRETE
17	02765SP	PAVEMENT MARKING PAINT	LUMP SUM	IN PLACE
18	02890	ACCESSIBLE PARKING SIGN	EACH	IN PLACE
19	02890	STOP SIGN	EACH	IN PLACE
20	03300	CONCRETE CURB AND GUTTER	LINEAR FEET	INCLUDES EXTRA WORK FOR CURB HEIGHT TRANSITIONS
21	03300	CONCRETE DRIVEWAY	SQUARE FEET	IN PLACE
22	03300	CONCRETE SIDEWALK 4" THICK	SQUARE FEET	IN PLACE
23	03300	PEDESTRIAN ACCESS RAMP	EACH	INCLUDES THE COST FOR THE DETECTABLE WARNING STRIP AND ADDITIONAL WORK REQUIRED FOR THE PEDESTRIAN ACCESS RAMP CONSTRUCTION. CONCRETE, UNTREATED BASE COURSE, AND EXCAVATION AND SUBGRADE PREPARATION FOR THE PEDESTRIAN ACCESS RAMP WILL BE MEASURED AND PAID FOR UNDER THEIR RESPECTIVE BID ITEMS.
24	16005SP	PARKING LOT LIGHTING SYSTEM	LUMP SUM	INCLUDES ALL COST FOR WORK REQUIRED TO PROVIDE A COMPLETE AND FUNCTIONING PARKING LOT LIGHTING SYSTEM

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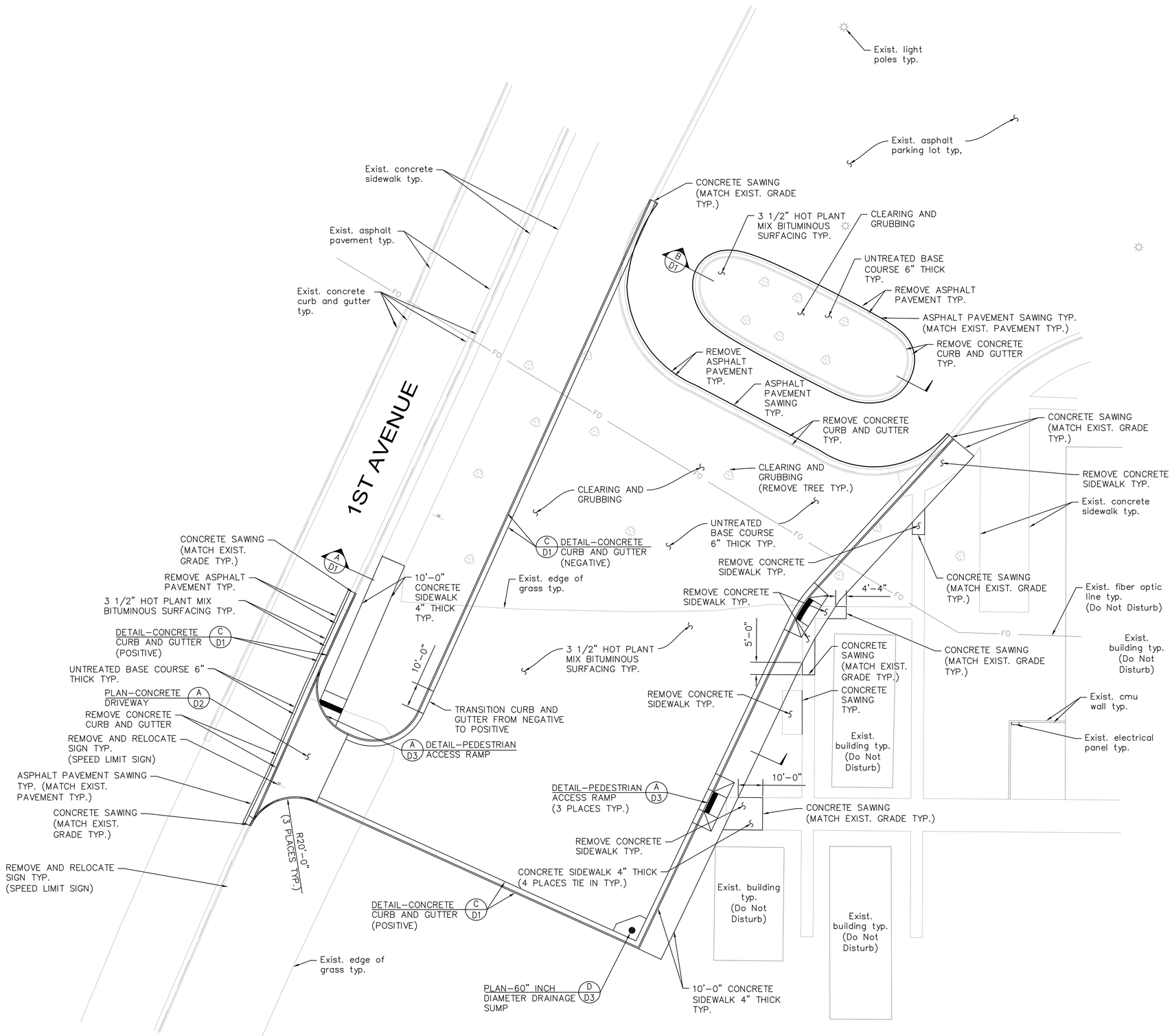

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PLAN SHEET- SITE PLAN

DRAWING NUMBER

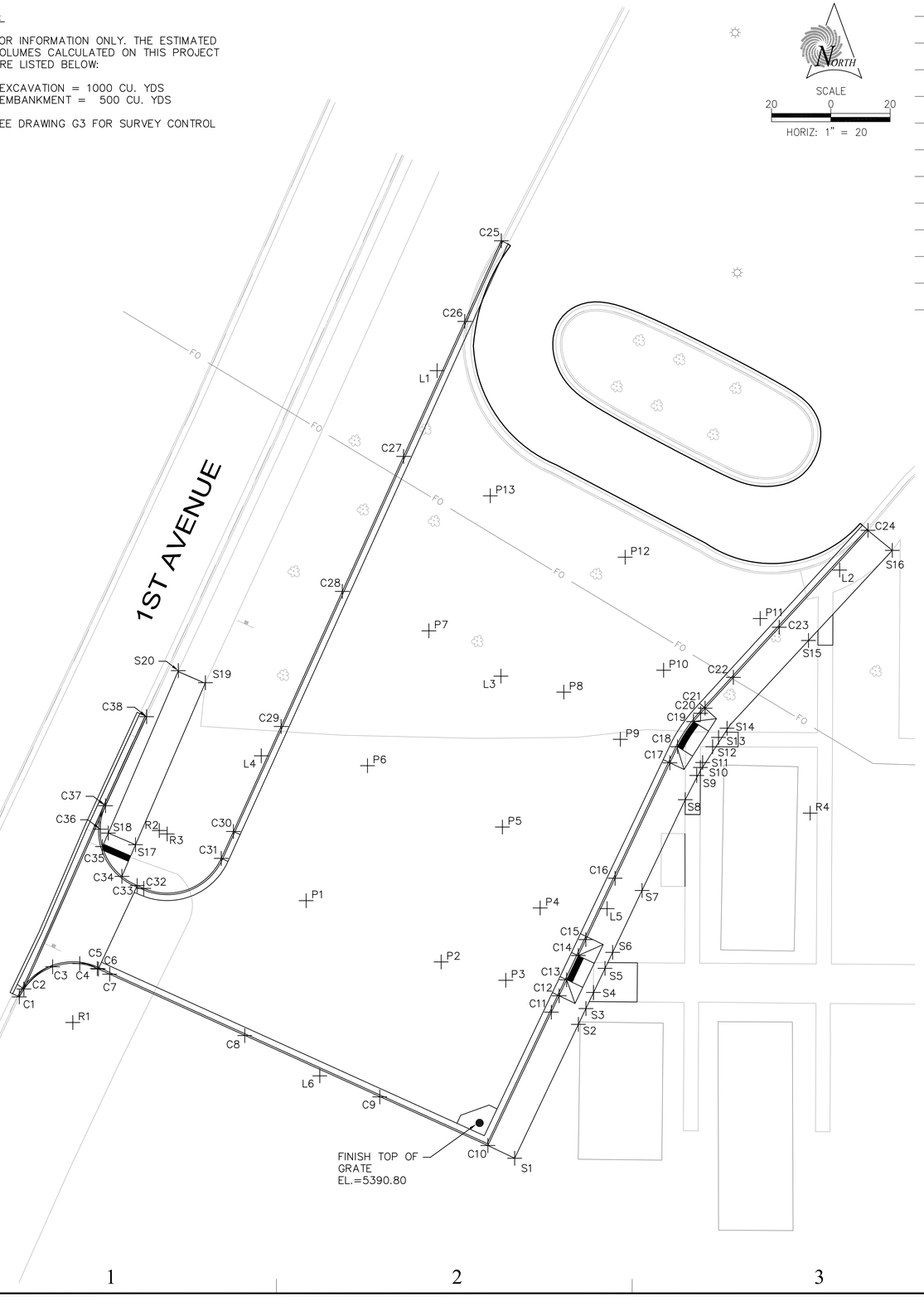
P1

NOTE:

1. FOR INFORMATION ONLY. THE ESTIMATED VOLUMES CALCULATED ON THIS PROJECT ARE LISTED BELOW:

   EXCAVATION = 1000 CU. YDS
   EMBANKMENT = 500 CU. YDS

2. SEE DRAWING G3 FOR SURVEY CONTROL



CONCRETE CURB AND GUTTER POINT TABLE

POINT NUMBER	NORTHING	EASTING	FINISH TBC ELEVATION	TOP UBC ELEVATION	TOP OF SUBGRADE ELEVATION	REMARKS
C1	6720124.1144	1469086.1456	5397.150	5396.067	5395.817	PC, MATCH EXIST. CURB ELEV.
C2	6720126.7957	1469087.6942	5397.210	5396.126	5395.876	TOP ADA CURB CUT
C3	6720134.2823	1469097.3615	5396.948	5396.364	5396.114	BOTTOM ADA CURB CUT
C4	6720135.3459	1469106.5169	5397.126	5396.543	5396.293	BOTTOM ADA CURB CUT
C5	6720133.6994	1469112.4356	5397.689	5396.412	5396.162	PT
C6	6720133.5358	1469112.7966	5397.728	5396.645	5396.395	TOP ADA CURB CUT
C7	6720131.7822	1469116.6539	5397.544	5396.461	5396.211	
C8	6720111.0889	1469162.1708	5395.372	5394.289	5394.039	
C9	6720090.3956	1469207.6877	5393.201	5392.117	5391.867	
C10	6720073.9965	1469244.1735	5391.506	5390.423	5390.173	
C11	6720119.0052	1469265.5702	5392.004	5390.921	5390.671	
C12	6720124.4978	1469268.1813	5392.065	5390.982	5390.732	TOP ADA CURB CUT
C13	6720129.9166	1469270.7573	5391.625	5391.042	5390.792	BOTTOM ADA CURB CUT
C14	6720138.0449	1469274.6214	5391.716	5391.132	5390.882	BOTTOM ADA CURB CUT
C15	6720143.4637	1469277.1975	5392.275	5391.192	5390.942	TOP ADA CURB CUT
C16	6720164.1688	1469287.0405	5392.504	5391.421	5391.171	
C17	6720203.1239	1469305.5593	5392.936	5391.852	5391.602	TOP ADA CURB CUT
C18	6720208.5382	1469308.1332	5392.496	5391.913	5391.663	PC, BOTTOM ADA CURB CUT
C19	6720216.9922	1469313.4844	5392.717	5392.133	5391.883	
C20	6720219.8027	1469315.8688	5393.112	5392.029	5391.779	PT, BOTTOM ADA CURB CUT
C21	6720221.5097	1469317.4303	5393.360	5292.177	5291.927	TOP ADA CURB CUT
C22	6720231.9208	1469326.9538	5393.725	5392.642	5392.392	
C23	6720248.8373	1469342.4281	5394.319	5393.235	5392.985	
C24	6720281.4994	1469372.3056	5395.465	5394.381	5394.131	
C25	6720379.1766	1469248.6921	5399.035	5397.951	5397.701	
C26	6720351.9828	1469236.3619	5398.956	5397.872	5397.622	
C27	6720306.4452	1469215.7141	5398.824	5397.740	5397.490	
C28	1469195.0664	1469195.0664	5398.692	5397.608	5397.358	
C29	1469174.4186	1469174.4186	5398.560	5397.476	5397.226	
C30	6720179.9295	1469158.3491	5398.457	5397.374	5397.124	
C31	6720170.8457	1469154.2303	5398.100	5397.017	5396.767	PC
C32	6720160.7382	1469128.0991	5398.022	5396.939	5396.689	PT
C33	6720161.7010	1469125.8650	5398.000	5396.917	5396.667	PC, TOP ADA CURB CUT
C34	6720164.7950	1469120.7414	5397.428	5396.845	5396.595	BOTTOM ADA CURB CUT
C35	6720174.8180	1469114.1750	5397.234	5396.651	5396.401	BOTTOM ADA CURB CUT
C36	6720180.7267	1469113.4265	5397.639	5396.556	5396.306	TOP ADA CURB CUT
C37	6720188.6316	1469115.1990	5397.510	5396.427	5396.177	PT
C38	6720218.6710	1469129.0690	5398.030	5396.947	5396.697	MATCH EXIST. CURB ELEV.

CONCRETE SIDEWALK POINT TABLE

POINT NUMBER	NORTHING	EASTING	FINISH TOP BACK SIDEWALK ELEVATION	TOP UBC ELEVATION	TOP OF SUBGRADE ELEVATION	REMARKS
S1	6720069.7023	1469253.2046	5391.610	5391.360	5391.110	
S2	6720114.8659	1469274.6749	5392.196	5391.946	5391.696	
S3	6720120.1994	1469277.2103	5392.266	5392.016	5391.766	
S4	6720125.6182	1469279.7864	5392.205	5391.955	5391.705	
S5	6720133.7465	1469283.6505	5392.295	5392.045	5391.795	
S6	6720139.1653	1469286.2266	5392.476	5392.226	5391.976	
S7	6720160.0296	1469296.1452	5392.633	5392.383	5392.133	
S8	6720190.6534	1469310.7034	5392.865	5392.615	5392.365	
S9	6720198.8305	1469314.5907	5392.956	5392.706	5392.456	
S10	6720201.5381	1469315.8280	5393.030	5392.780	5392.530	
S11	6720203.1899	1469316.5828	5393.076	5392.826	5392.576	
S12	6720208.5215	1469319.9576	5393.215	5392.965	5392.715	
S13	6720211.6438	1469321.9340	5393.297	5393.047	5392.797	
S14	6720214.7598	1469324.8086	5393.380	5393.130	5392.880	
S15	6720244.3509	1469352.2965	5394.482	5394.232	5393.982	
S16	6720274.7570	1469380.5415	5395.615	5395.365	5395.115	
S17	6720175.4440	1469125.3396	5397.927	5397.677	5397.427	
S18	6720179.4020	1469116.1562	5397.734	5397.484	5397.234	
S19	6720229.9320	1469148.8070	5398.490	5398.240	5397.990	
S20	6720234.1850	1469139.7850	5398.300	5398.050	5397.800	

ASPHALT PARKING LOT POINTS

POINT NUMBER	NORTHING	EASTING	FINISH ASPAHLT PAVEMENT ELEVATION	TOP UBC ELEVATION	TOP OF SUBGRADE ELEVATION	REMARKS
P1	6720156.6058	1469182.8641	5396.136	5395.844	5395.344	
P2	6720135.9125	1469228.3810	5393.293	5393.001	5392.501	
P3	6720129.7247	1469250.1820	5392.063	5391.772	5391.272	
P4	6720154.1095	1469261.7743	5392.333	5392.042	5391.542	
P5	6720181.4294	1469249.0743	5393.837	5393.545	5393.045	
P6	6720202.1227	1469203.5574	5396.650	5396.359	5395.859	
P7	6720247.6396	1469224.2507	5397.208	5396.916	5396.416	
P8	6720226.9463	1469269.7676	5394.392	5394.101	5393.601	
P9	6720211.0074	1469288.8230	5392.970	5392.678	5392.178	
P10	6720234.3300	1469303.4305	5393.391	5393.099	5392.599	
P11	6720251.7699	1469335.9777	5394.393	5394.101	5393.601	
P12	6720272.4632	1469290.4609	5395.500	5395.208	5394.708	
P13	6720293.1565	1469244.9440	5397.362	5397.070	5396.570	

RADIUS POINTS

POINT NUMBER	NORTHING	EASTING	RADIUS
R1	6720115.4802	1469104.1859	20'-0"
R2	6720180.2453	1469133.3558	20'-0"
R3	6720179.1048	1469136.0153	20'-0"
R4	6720186.1313	1469352.8314	50'-0"

LIGHTPOLE POINTS

POINT NUMBER	NORTHING	EASTING	TOP OF FOUNDATION ELEVATION
L1	6720335.4045	1469227.0310	5401.862
L2	6720268.1149	1469362.7727	5398.058
L3	6720232.3115	1469248.5553	5395.561
L4	6720205.4568	1469167.7282	5400.857
L5	6720153.8923	1469284.3688	5395.418
L6	6720097.5021	1469187.4621	5396.653

State of Utah
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Division of Facilities Construction & Management
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Phone: (801) 538 - 3018
Fax: (801) 538 - 3267
http://dfcm.utah.gov

DESIGNED BY:
SUNRISE ENGINEERING

PREPARED BY:
SUNRISE ENGINEERING, INC.
25 EAST 500 NORTH
FILLMORE, UTAH 84631
TEL. (435) 743-6151
FAX (435) 743-7900

PROJECT NAME:

SNOW COLLEGE
RICHFIELD
PARKING
IMPROVEMENTS

ENGINEER'S STAMP

LICENSED PROFESSIONAL ENGINEER
186879
ZANE W.
PENTZ
STATE OF UTAH

MARK	DATE	DESCRIPTION

ISSUE TYPE: 100%

ISSUE DATE: March 10, 2008

DFCM PROJECT NO: 07348710
SEI PROJECT NO: 02897
CAD DWG FILE: DDFMSCS-G002
DRAWN BY: DLM
CHK'D BY: ZWP
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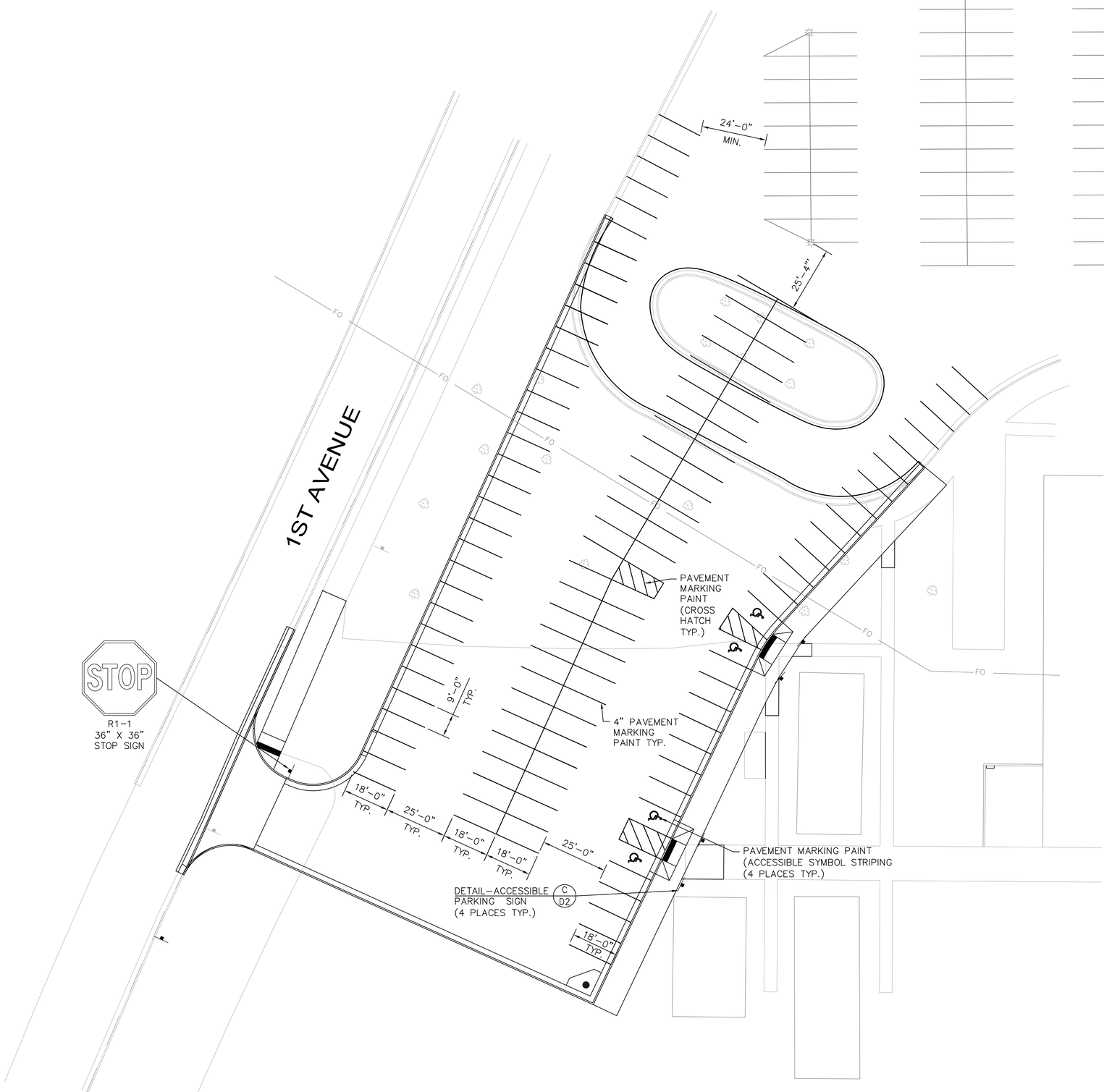
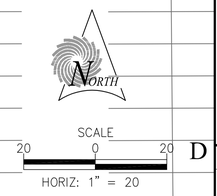
DRAWING TITLE

PLAN SHEET - GRADING PLAN

DRAWING NUMBER

P2





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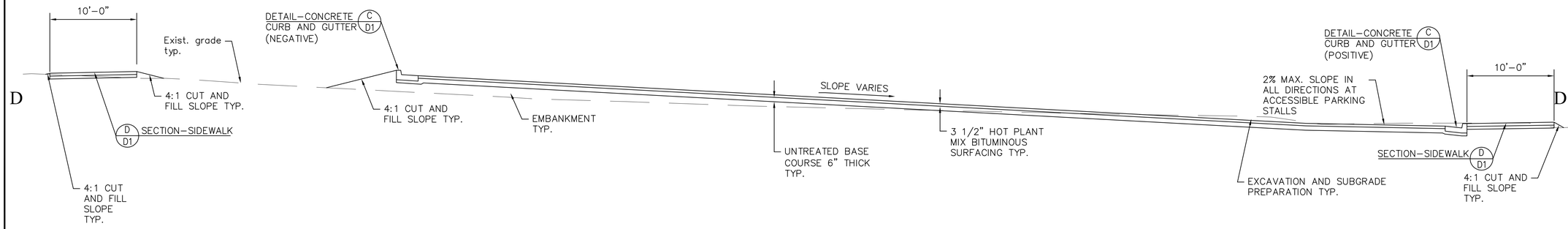
DRAWING TITLE

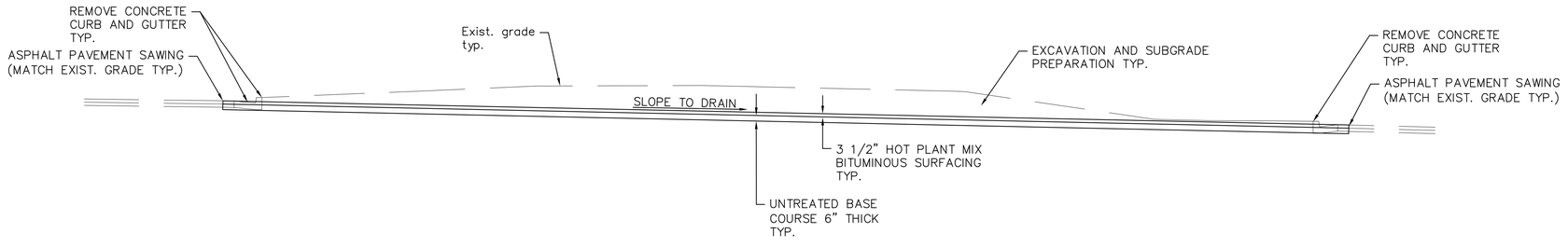
PLAN SHEET - SIGNING STRIPING PLAN

DRAWING NUMBER

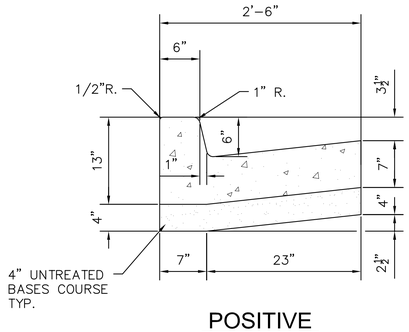
P3



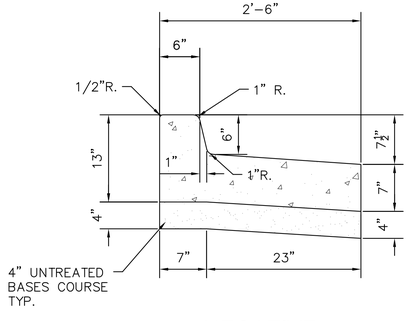
A P1 SECTION-PARKING LOT
NOT TO SCALE



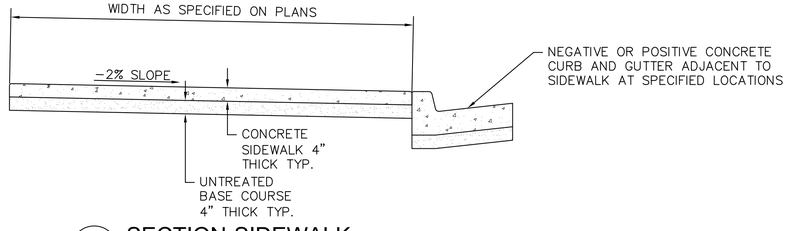
B P1 SECTION-PARKING LOT
NOT TO SCALE



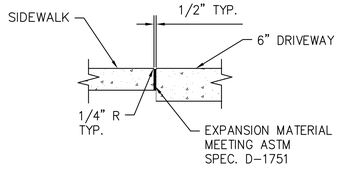
POSITIVE



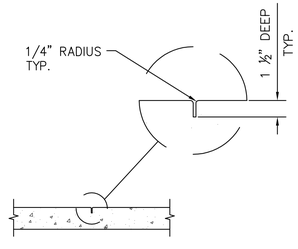
NEGATIVE



D P1 SECTION-SIDEWALK
NOT TO SCALE



NOTE: EXPANSION JOINT IS TYPICAL FOR CURB, GUTTER SIDEWALK AND BLOCKOUTS



C P1 DETAIL-CONCRETE CURB AND GUTTER
NOT TO SCALE

E TYP EXPANSION JOINT
NOT TO SCALE

F TYP DETAIL-CONTRACTION JOINT
NOT TO SCALE

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PROJECT NAME:

SNOW COLLEGE
RICHFIELD
PARKING
IMPROVEMENTS

ENGINEER'S STAMP

LICENSED PROFESSIONAL ENGINEER
186879
ZANE W.
PENTZ
STATE OF UTAH

MARK	DATE	DESCRIPTION

ISSUE TYPE: 100%

ISSUE DATE: March 10, 2008

DFCM PROJECT NO: 07348710
SEI PROJECT NO: 02897
CAD DWG FILE: DDFMSCS-D001
DRAWN BY: DLM
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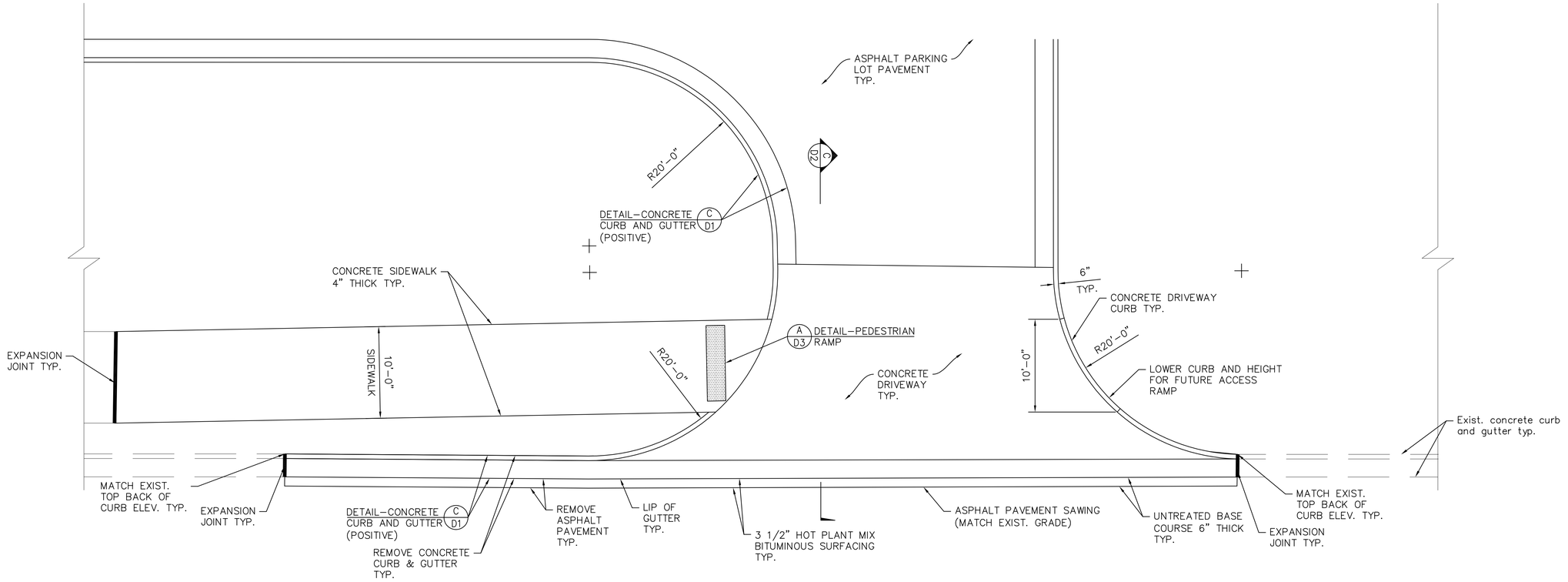
DRAWING TITLE

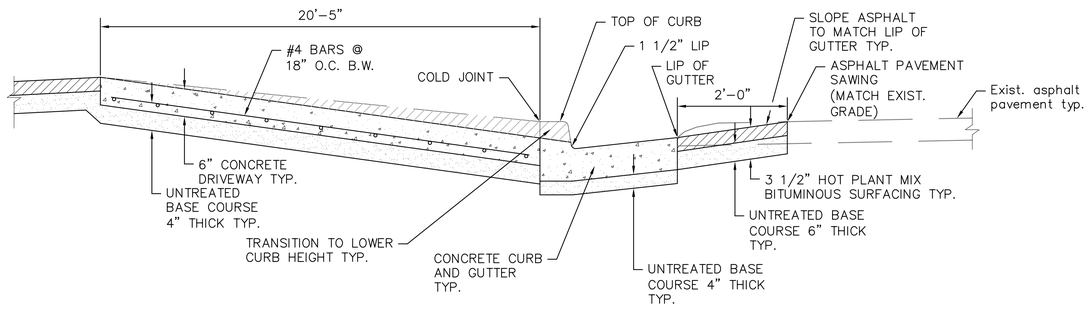
TYPICAL DETAILS

DRAWING NUMBER

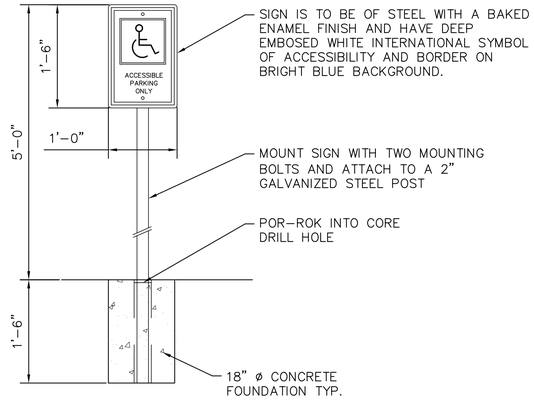
D1



A D2 PLAN-CONCRETE DRIVEWAY
1"=6'-0"



B D2 SECTION-CONCRETE DRIVEWAY
NOT TO SCALE



C P3 DETAIL-ACCESSIBLE PARKING SIGN
NOT TO SCALE

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Construction & Management
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PROJECT NAME:

SNOW COLLEGE RICHFIELD PARKING IMPROVEMENTS

ENGINEER'S STAMP

LICENSED PROFESSIONAL ENGINEER
186879
ZANE W. PENTZ
STATE OF UTAH

MARK	DATE	DESCRIPTION

ISSUE TYPE: 100%

ISSUE DATE: March 10, 2008

DFCM PROJECT NO: 07348710
SEI PROJECT NO: 02897
CAD DWG FILE: DDFMSCS-DOO1
DRAWN BY: DLM
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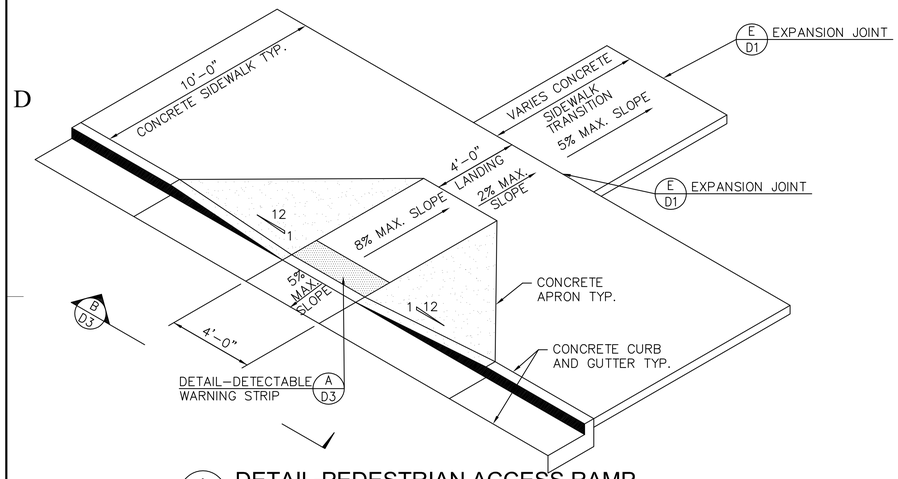
DRAWING TITLE

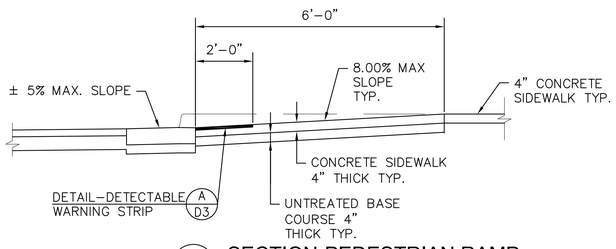
TYPICAL DETAILS

DRAWING NUMBER

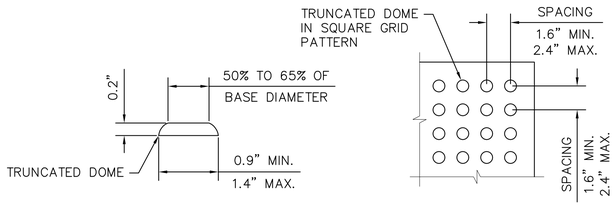
D2



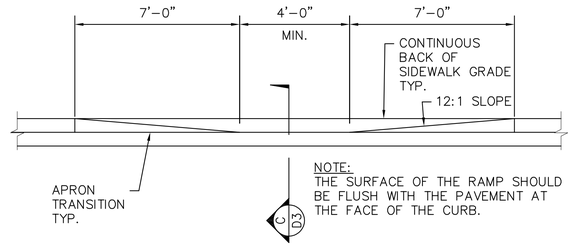
A P1 **DETAIL-PEDESTRIAN ACCESS RAMP**
NOT TO SCALE



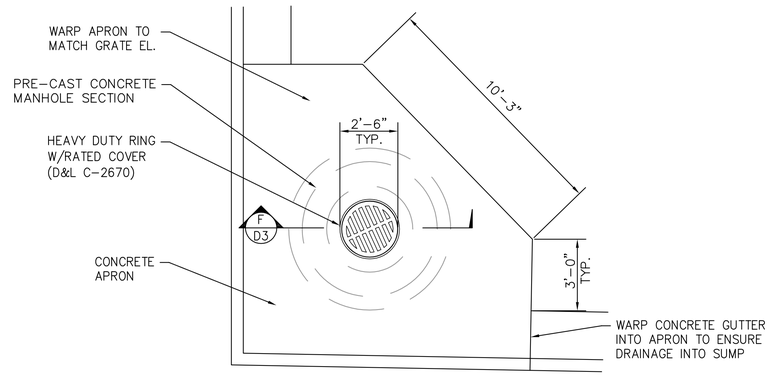
C TYP **SECTION-PEDESTRIAN RAMP**
NO SCALE



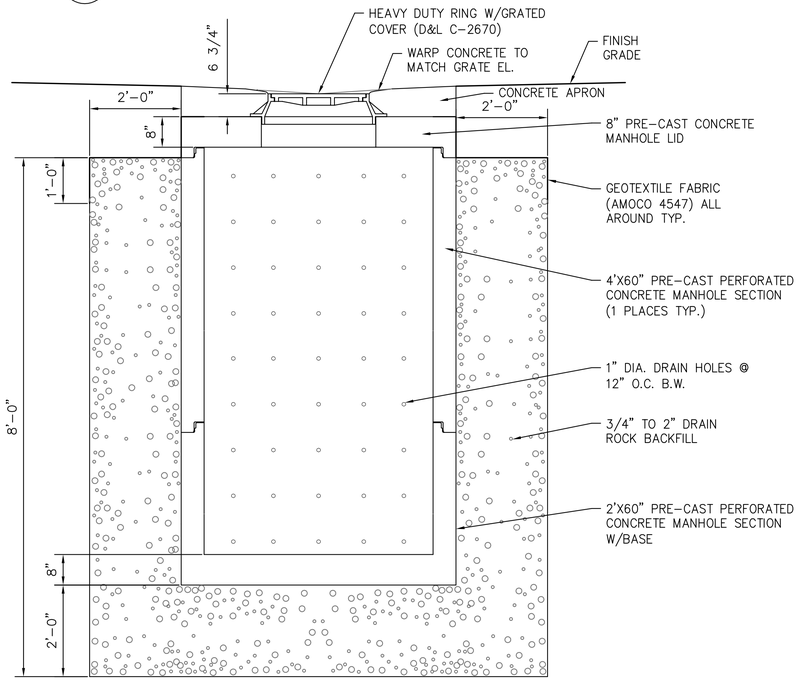
E TYP **DETAIL-DETECTABLE WARNING STRIP**
NOT TO SCALE



B TYP **SECTION-PEDESTRIAN ACCESS**
NOT TO SCALE



D P1 **SECTION-60 INCH DIA. DRAINAGE SUMP**
NOT TO SCALE



F TYP **SECTION-60 INCH DIA. DRAINAGE SUMP**
NOT TO SCALE

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DRAWING TITLE

TYPICAL DETAILS

DRAWING NUMBER

D3

PROJECT NO.	SHEET NO.
07348710	1

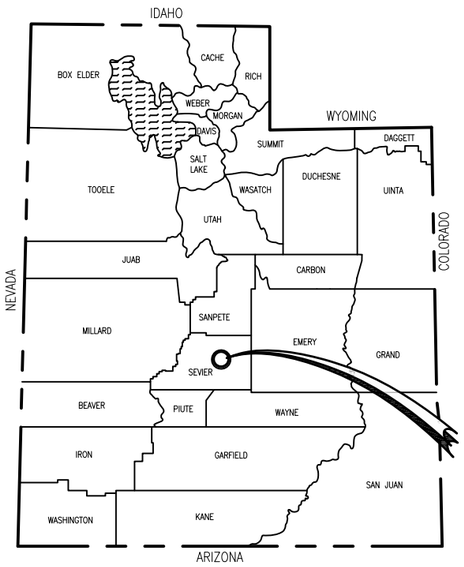
STATE OF UTAH
DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT

SNOW COLLEGE SOUTH BUS PARKING LOT PROJECT

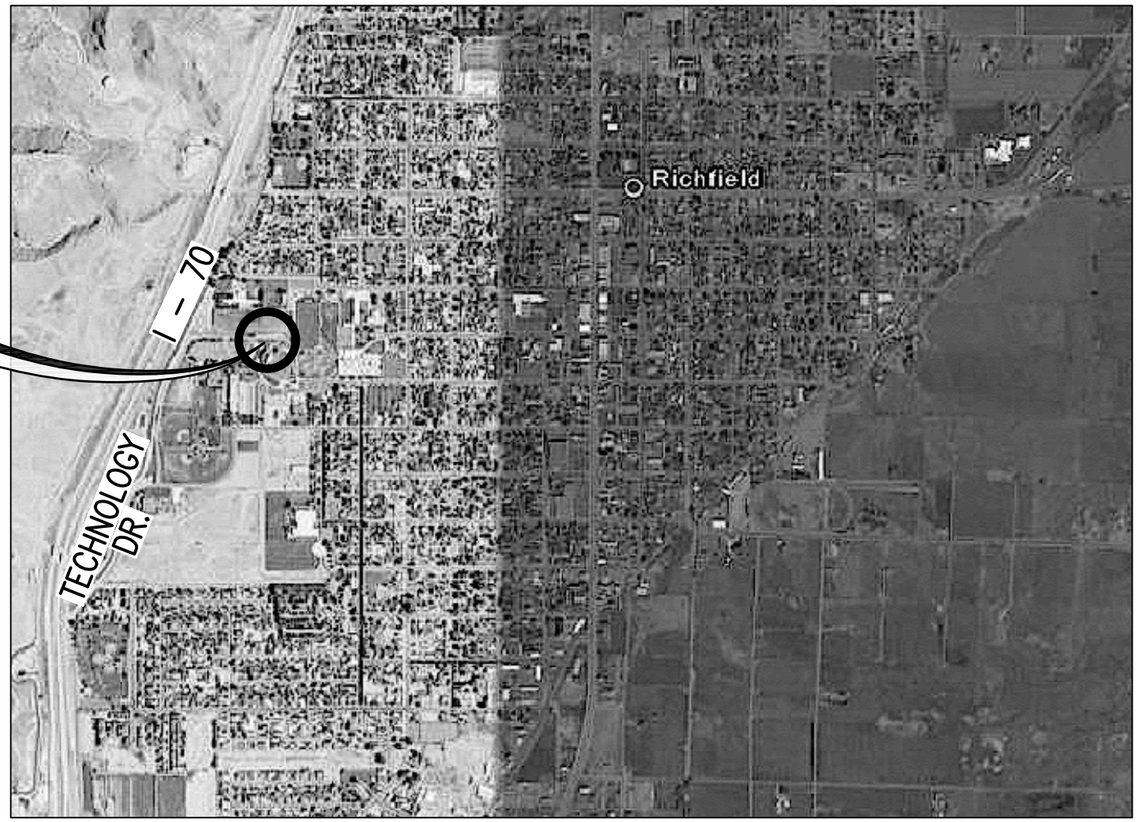
DFCM PROJECT NO. 07348710

2008

INDEX TO SHEETS	
SHEET	DESCRIPTION
1	TITLE SHEET
1A	SUMMARY SHEET
2	TYPICAL SECTIONS
3	SITE PLAN
4	PAIINT STRIPING DETAIL



PROJECT LOCATION



RICHFIELD, UTAH

RECOMMENDED FOR APPROVAL:

PROJECT ENGINEER — DATE 6/13/08

LICENSED PROFESSIONAL ENGINEER
No. 146602
CRAIG E. JOHANSEN
STATE OF UTAH

APPROVALS:

STATE OF UTAH
DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT — DATE 6/13/08

johansen & tuttle ENGINEERING INC.
BOX 487, CASTLE DALE, UTAH 84513 (435) 381-2523
FAX (435) 381-2522 email jt@etv.net

SUMMARY OF ITEMS

ITEM	SECTION	DESCRIPTION	UNIT	TOTAL QUANTITY
2	10	HOT MIX ASPHALT (PG58-22) (1/2" MAX.)	SQ. FT.	13,490
3	21	EXCAVATION	SQ. FT.	13,490
4	23	UNTREATED BASE COURSE (1-INCH MAX.)	SQ. FT.	13,490
5	32	24-INCH CONCRETE CURB & GUTTER	LIN. FT.	408
6	93	PAVEMENT MARKING PAINT	LUMP	1

DESIGNED	HRT	4-08	CHECKED	CEJ 4-08
DRAWN	JNT	4-08	CHECKED	HRT 4-08
SURVEYED	BHT	4-08	CHECKED	
R.O.W.			CHECKED	

Johansen & Tuttle ENGINEERING INC.
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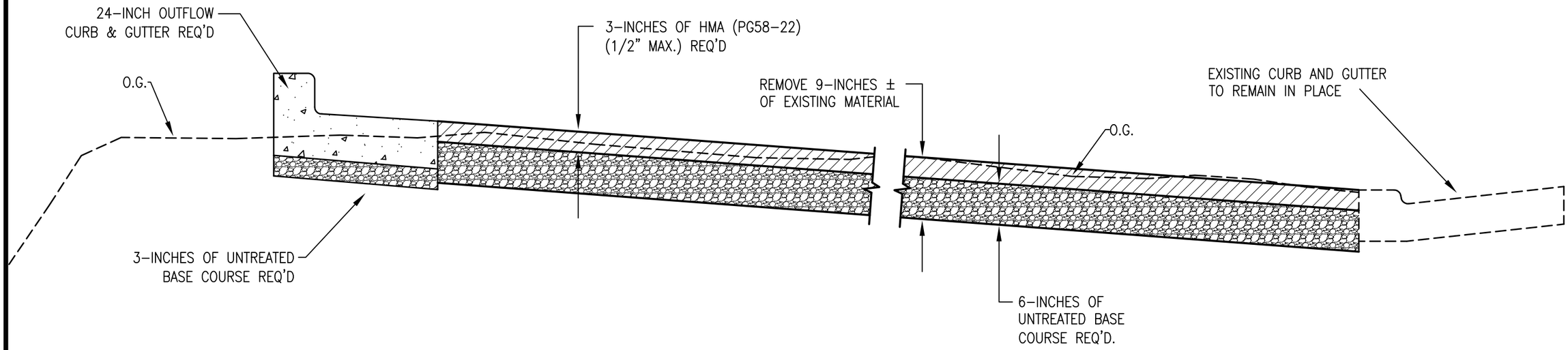
STATE of UTAH DFCM
SNOW COLLEGE SOUTH
BUS PARKING LOT
PROJECT No. 07348710

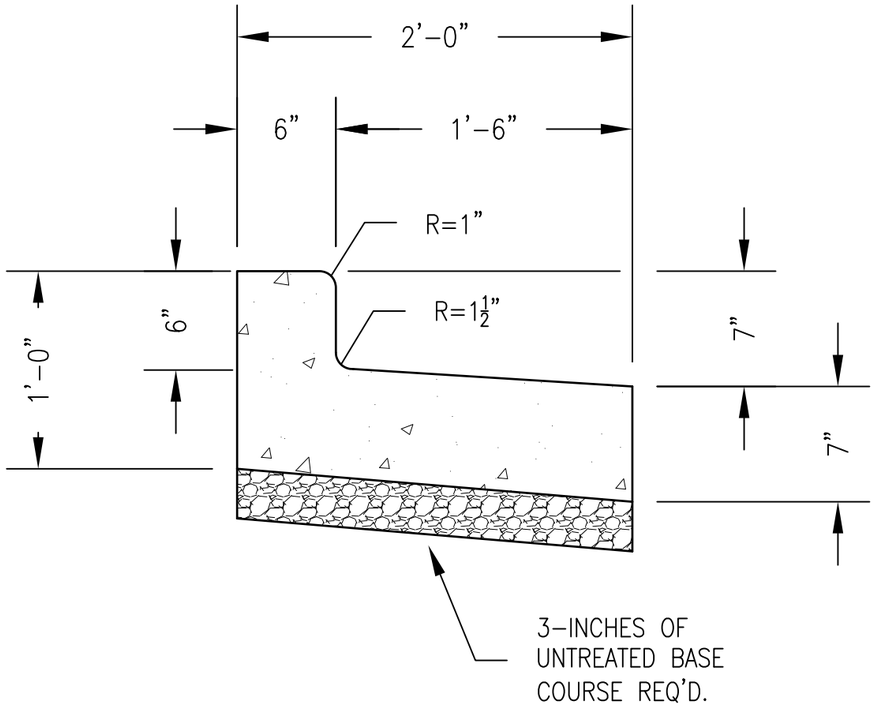
SUMMARY SHEET

PROJECT NO.
07348710

SHEET NO.
1A



TYPICAL SECTION



TYPICAL SECTION

OUTFLOW
CURB & GUTTER

DESIGNED	HRT	4–08	
DRAWN	JNT	4–08	
SURVEYED	BHT	4–08	
R.O.W.			
CHECKED	CEJ	4–08	
CHECKED	HRT	4–08	
CHECKED			
CHECKED			

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STATE of UTAH DFCM
SNOW COLLEGE SOUTH
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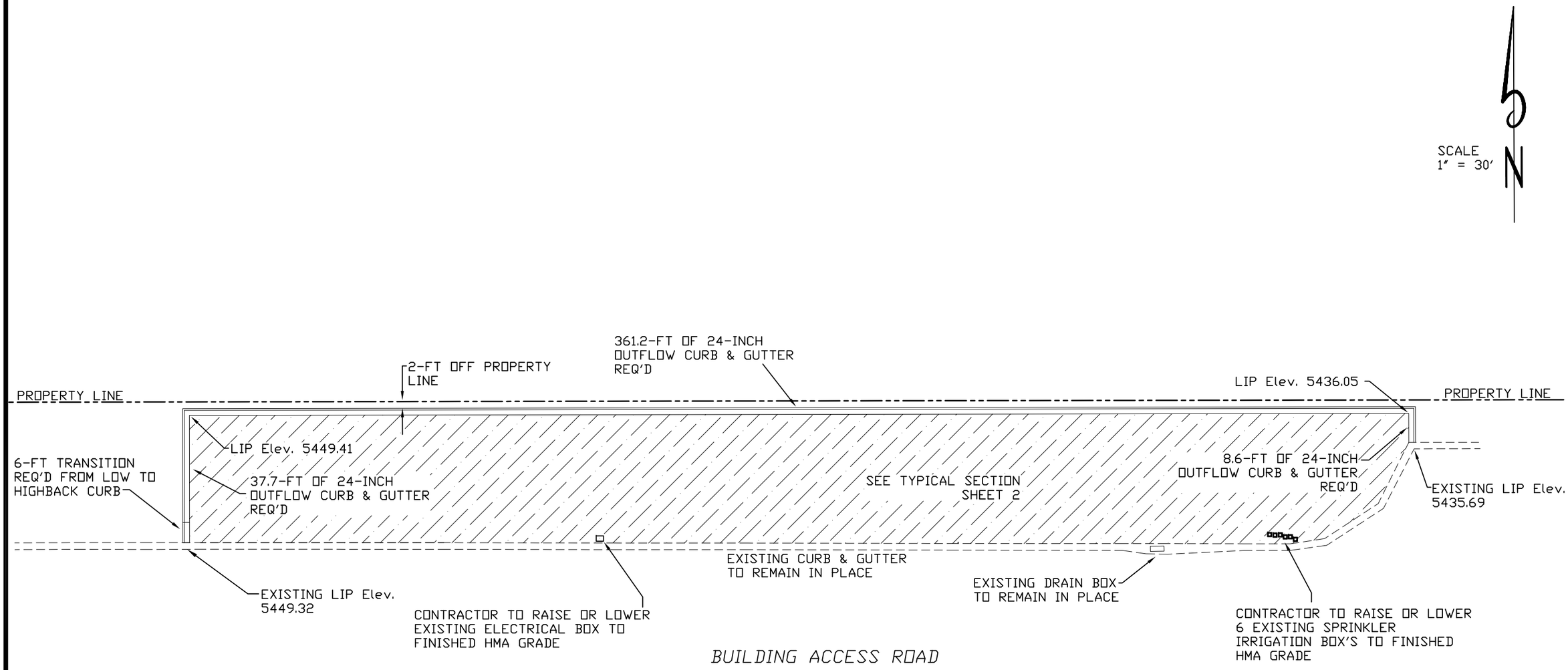
PROJECT No. 07348710

TYPICAL SECTIONS

PROJECT NO.
07348710

SHEET NO.
2



PLAN VIEW

DESIGNED HRT	4-08	CHECKED CEJ	4-08
DRAWN JNT	4-08	CHECKED HRT	4-08
SURVEYED BHT	4-08	CHECKED	
R.O.W.		CHECKED	

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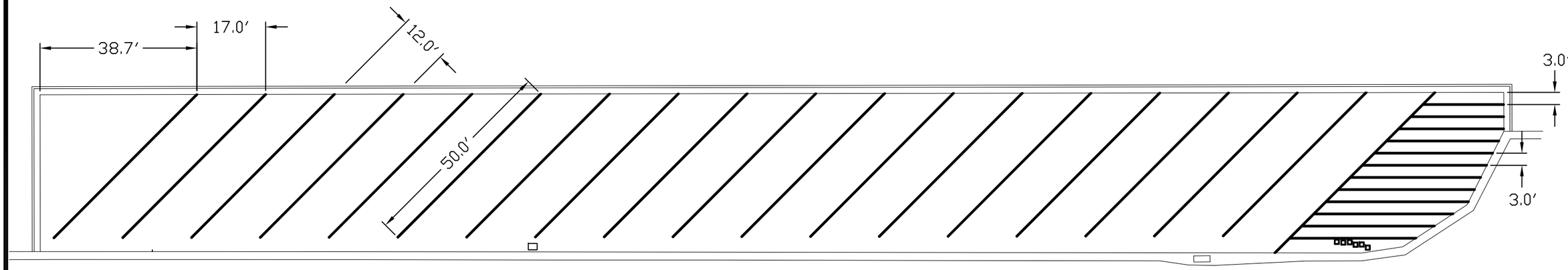
STATE of UTAH DFCM
SNOW COLLEGE SOUTH
BUS PARKING LOT
PROJECT No. 07348710

SITE PLAN

PROJECT NO. 07348710
SHEET NO. 3

SCALE
NTS

NOTE:
ALL STRIPES SHALL BE
4-INCH PAINTED YELLOW



PLAN VIEW

DESIGNED HRT	4-08	CHECKED CEJ	4-08
DRAWN JNT	4-08	CHECKED HRT	4-08
SURVEYED BHT	4-08	CHECKED	
R.O.W.		CHECKED	

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STATE of UTAH DFCM
SNOW COLLEGE SOUTH
BUS PARKING LOT
PROJECT No. 07348710

PAINT STRIPPING
DETAIL

PROJECT NO.
07348710

SHEET NO.
4