GENERAL NOTES

1. All concrete sidewalks shall have 2% transverse grade except at interface with building.
2. Contractor shall compact all subgrades, subbase and base course under walks and asphalt to 95% of maximum dry density of materials, as determined by ASTM D 698 (Standard Proctor).
3. All concrete shall be 3/4" aggregate with a 4000 PSI compressive strength. Concrete shall have air-entrainment and be placed with a maximum 3-inch slump.
4. All hard surface elevations shall be constructed with vertical tolerances in accordance with the corresponding Sections and critiria contained in the 2000 edition of the ISPWC. These Sections shall be used to check conformance. All landscaped areas shall be graded to the tolerances set forth on the landscape drawings and appropriate Specification Sections. All finished surfaces are to be graded smooth and free of loose rocks or rooted vegetation.
5. All slopes away from building shall be 5% for a distance of 10-feet unless otherwise dictated on the drawings around interface with walks and asphalt surfaces.
6. Refer to the architectural and landscaping drawings and specifications for additional Site and Plaza design detail and information.
7. The Building Finished Floor Elevation refered to on this drawings as elevation 2499.16 is represented on the Architectural drawings as the Base Elevation of 100.00.

BENCH MARKS

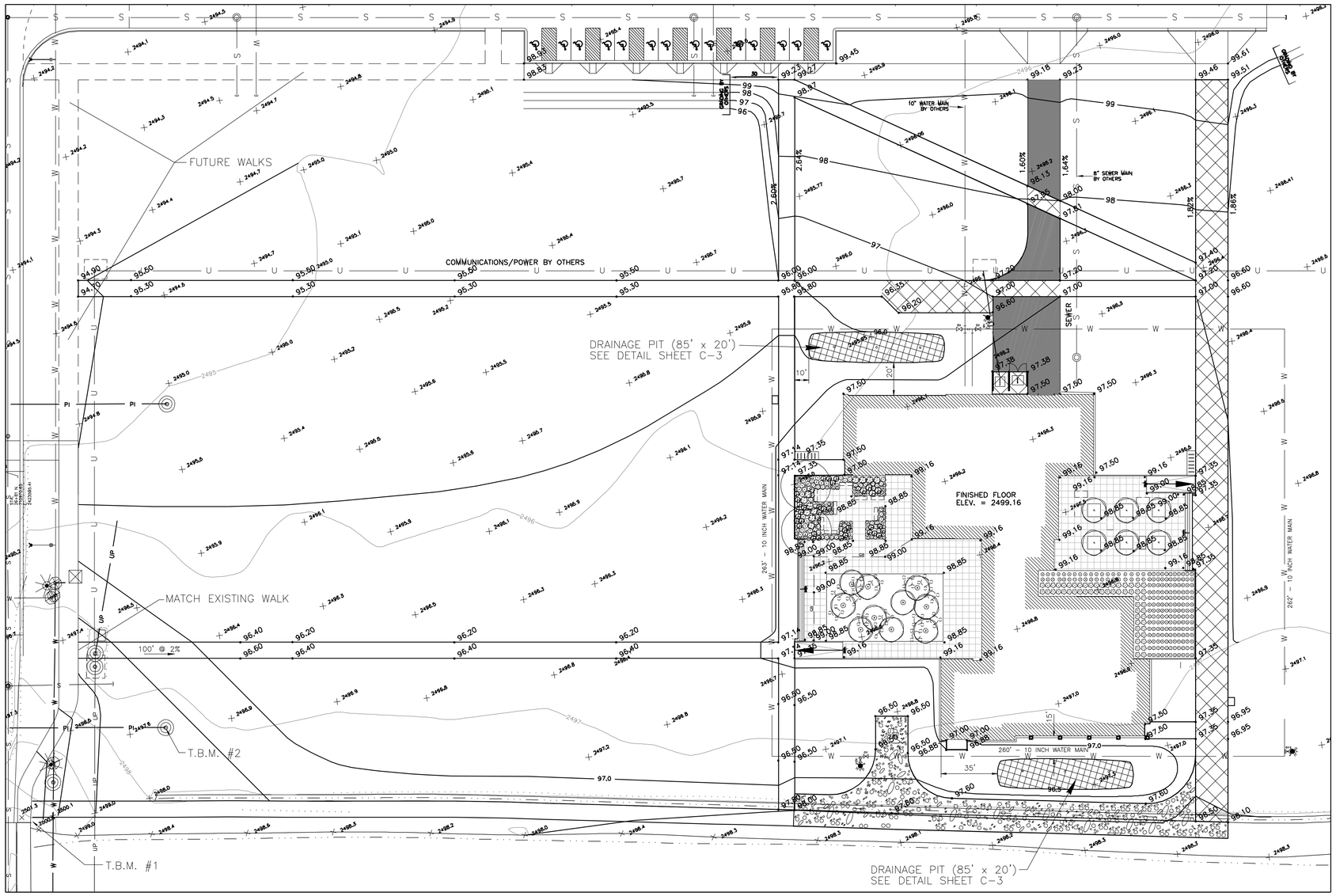
T.B.M. #1 – TOP BACK OF SIDEWALK ON NORTHEAST CORNER OF BRIDGE STRUCTURE
ELEVATION – 2502.07

T.B.M. #2 – TOP OF MANHOLE LID
ELEVATION – 2502.07

0 15 30 60 90

LEGEND

- ASPHALT ACCESS
- DRAINAGE PIT
- GRAVEL EMERGENCY ACCESS
- PEDESTRIAN ONLY CONCRETE WALK
- VEHICULAR ACCESS CONCRETE WALKS
- W — NEW WATER GATE VALVE
- W — NEW FIRE HYDRANT ASSEMBLY (1 – 10" X 10" X 6" MJ X MJ X FLG TEE; 6" FLG X MJ GATE VALVE; 6" SPOOL; AND FIRE HYDRANT)
- W — NEW 10" WATER MAIN TO BE INSTALLED WITH THIS PROJECT
- W — WATER MAIN BY OTHERS
- S — SANITARY SEWER BY OTHERS
- U — UNDERGROUND UTILITY CORRIDOR AND VAULT LOCATIONS BY OTHERS
- PI — PRESSURE IRRIGATION PIPE
- 2497.0 — EXISTING GROUND ELEVATION
- 99.83 — FINISHED GRADE ELEVATION
- 2495 — EXISTING GROUND CONTOUR LINE
- 99 — FINISHED GROUND CONTOUR LINE
- S — SEWER MANHOLE BY OTHERS



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BOISE STATE UNIVERSITY
WEST CAMPUS ACADEMIC BUILDING
DPW PROJECT NUMBER: 01-194

SITE GRADING PLAN

PROJ. NO.:	00031
DATE:	6/01
DRAWN BY:	D.P.
CHECKED BY:	G.A.
FILE:	
REVISION:	

SHEET NO.: C-1

REFERENCE NOTES

1. All construction shall conform to the Project Specifications, these drawings and the 2000 edition of the Idaho Standards for Public Works Construction, (ISPWC), where identified. Contractor shall be required to have one copy of the ISPWC document on site throughout construction for reference.

2. Contractor shall retain the services of a Idaho licensed Professional Land Surveyor to perform site surveys and construction staking as required to complete the construction improvements as detailed on the project plans. Upon completion of the construction, contractor shall submit to the Architect accurate record information for all improvements outside of the building limits, including building corner locations and underground utilities installed with this project.

3. Contractor shall be required to coordinate with other contractors working in the immediate project area, but outside of this contract, who are providing "Work by Others" to assure proper sequencing of work elements and to minimize delays, or conflicts in work to the project and changes, due to scheduling and coordination breakdown. Contractor shall not install new walks, sewer, or water extensions until work identified as "Work by Others" has been completed.

4. Contractor shall use the canal access for access to the building site when ever possible. Contractor is advised that the canal access along the north side of the canal must remain open to the canal company at all times for inspection and maintenance. During times of construction adjacent to the canal, the contractor shall coordinate with canal company for rerouting of equipment and vehicles. Contractor is responsible for maintenance of this portion of the canal access and make routine structural and surface repairs that may be necessary for continued access to this project site and for canal personnel access for maintenance.

5. This design assumes concrete elevations at tie-in points with work performed by others, based on design information. Contractor shall verify locations and elevations at tie-in points and give this information to DPW for review and make minor revisions that may be required due to minor changes from design to as constructed improvements. Minor changes that may be required, due to these as constructed changes, are considered incidental to the project.

6. New water installation around the building shall be in accordance with City of Nampa and ISPWC requirements. All new pipe shall be AWWA C-900, Class 200 PVC pipe. All fittings shall be AWWA Ductile Iron Fittings. All pipe shall be installed with minimum 4 feet of cover over top of pipe and shall have finder wire placed in accordance with the requirements of the City of Nampa and the ISPWC. All tees, bends, hydrants and valves shall be thrust block protected in accordance with ISPWC details. All system flushing and disinfection shall be accomplished in accordance with ISPWC and City of Nampa requirements. Contractor shall notify the Nampa Public Works department and the DPW Field Representative 48 hours prior to pressure testing and disinfect ion testing. System approval shall be from both City of Nampa and DPW. Contractor shall secure permission from the canal company, prior to flushing water into the canal. If canal company rejects contractor's request to discharge, contractor shall prepare an enclosure adjacent to this site, approved by DPW, for flushing of the water system. The enclosure can be a combination of temporary excavated pit and berming. Upon completion, area shall be returned to previous grades. All work related to flushing and system testing is considered incidental to the project. Contractor shall pay for all necessary time, tests and equipment for pressure and disinfecting testing.

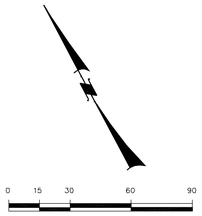
7. All fire hydrant nozzles shall be oriented on the site to the Nampa Fire Department requirements. Contractor shall coordinate with the Nampa City Fire Marshall for the orientation at time of installation. Acceptable hydrants are:
   1. Mueller Super Centurion, Model A-423
   2. CLOW Model F 2500
   3. Waterous Pacer 250.

   All hydrants shall be painted traffic yellow.

8. All water valves shall be equipped with standard valve risers, lids, and concrete collars in accordance with ISPWC detail SD-406.

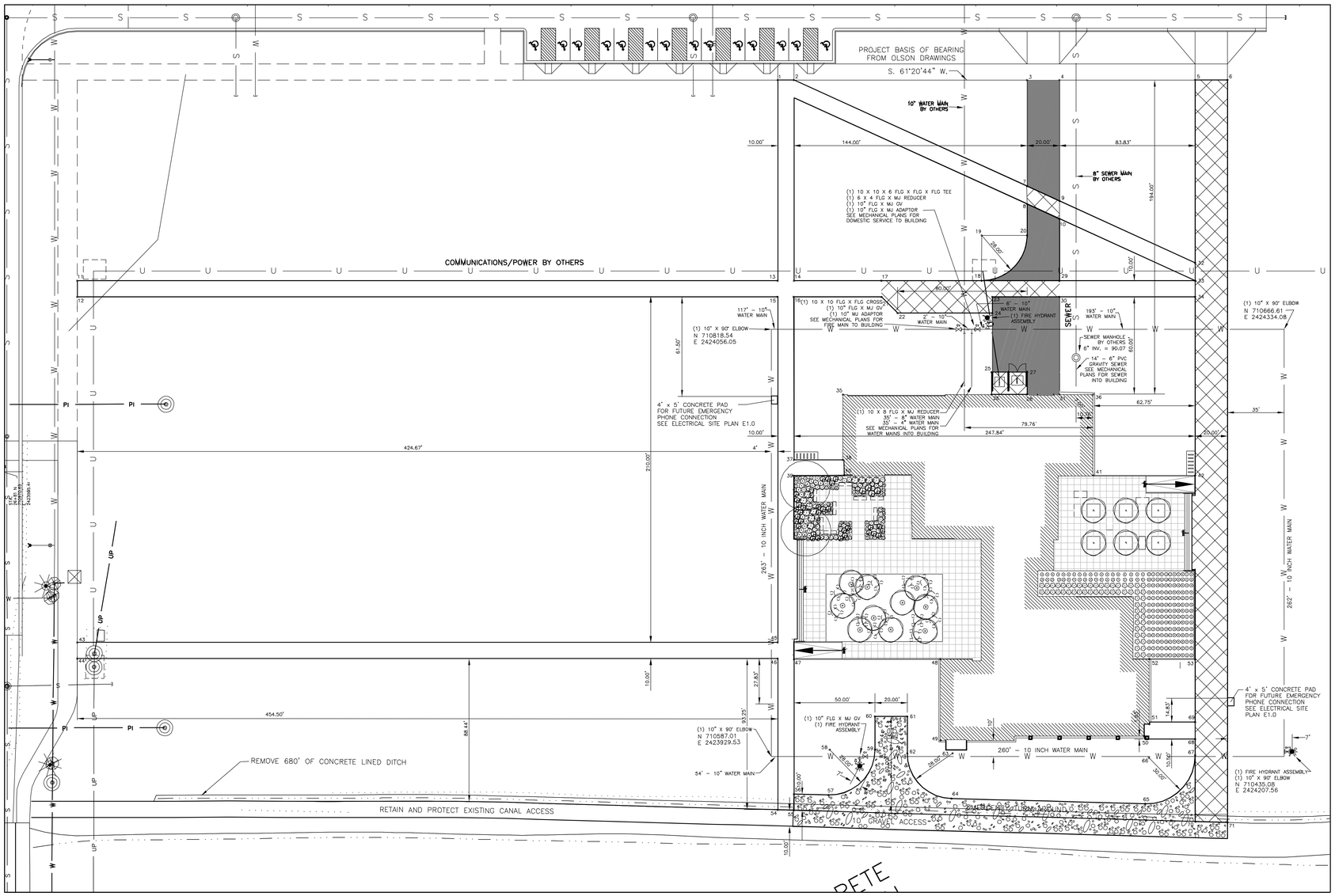
STAKING DATA

PT#	NORTHING	EASTING	PT#	NORTHING	EASTING
1	710951.87	2424133.46	37	710741.09	2424029.81
2	710947.07	2424142.23	38	710726.64	2424056.26
3	710878.03	2424268.58	39	710732.66	2424024.88
4	710868.45	2424286.11	40	710718.02	2424052.41
5	710828.21	2424359.74	41	710643.99	2424187.35
6	710818.64	2424377.27	42	710613.82	2424242.56
7	710820.39	2424237.12	43	710854.40	2423587.15
8	710810.75	2424231.85	44	710845.62	2423582.36
9	710802.66	2424250.40	45	710646.93	2423966.82
10	710793.14	2424245.04	46	710638.15	2423962.03
11	711050.53	2423694.32	47	710632.92	2423970.57
12	711041.75	2423689.53	48	710589.81	2424050.14
13	710843.05	2424074.00	49	710545.64	2424026.00
14	710838.26	2424082.77	50	710487.64	2424137.71
15	710834.30	2424069.15	51	710492.56	2424144.01
16	710829.56	2424077.84	52	710527.95	2424163.35
17	710812.35	2424130.19	53	710514.07	2424188.05
18	710782.58	2424184.47	54	710556.20	2423917.25
19	710807.21	2424197.98	55	710551.17	2423925.89
20	710793.79	2424222.55	56	710559.94	2423930.69
21	710803.44	2424125.41	57	710549.20	2423949.11
22	710790.03	2424129.35	58	710573.38	2423963.21
23	710770.71	2424185.44	59	710560.07	2423987.85
24	710761.89	2424180.62	60	710578.07	2423997.57
25	710730.19	2424162.72	61	710568.52	2424015.14
26	710718.05	2424156.09	62	710548.50	2424004.20
27	710719.57	2424182.14	63	710535.07	2424028.78
28	710707.56	2424175.62	64	710510.84	2424014.75
29	710759.62	2424226.68	65	710450.59	2424118.27
30	710750.89	2424221.80	66	710474.60	2424133.88
31	710698.05	2424193.02	67	710462.14	2424159.67
32	710729.06	2424305.53	68	710470.94	2424164.45
33	710719.41	2424300.26	69	710480.14	2424169.51
34	710710.62	2424295.45	70	710426.16	2424140.15
35	710762.03	2424075.60	71	710416.09	2424157.30
36	710687.94	2424211.18			



LEGEND

- ASPHALT ACCESS
- DRAINAGE PIT
- GRAVEL EMERGENCY ACCESS
- PEDESTRIAN ONLY CONCRETE WALK
- VEHICULAR ACCESS CONCRETE WALKS
- PROPOSED WATER GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY (1 – 10" X 10" X 6" MJ X MJ X FLG TEE; 6" FLG X MJ GATE VALVE; 6" SPOOL; AND FIRE HYDRANT)
- 10" WATER MAIN TO BE INSTALLED WITH THIS PROJECT
- WATER MAIN BY OTHERS
- SANITARY SEWER BY OTHERS
- UNDERGROUND UTILITY CORRIDOR AND VAULT LOCATIONS BY OTHERS
- PRESSURE IRRIGATION PIPE
- SEWER MANHOLE BY OTHERS



GENERAL NOTES

1. REFER TO SHEET A0.03, COMPOSITE SITE PLAN, FOR PROJECT LIMITS.

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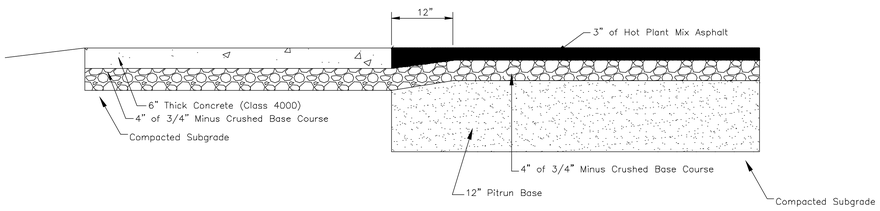
BOISE STATE UNIVERSITY
WEST CAMPUS ACADEMIC BUILDING
DPW PROJECT NUMBER: 01-194

SITE LAYOUT PLAN

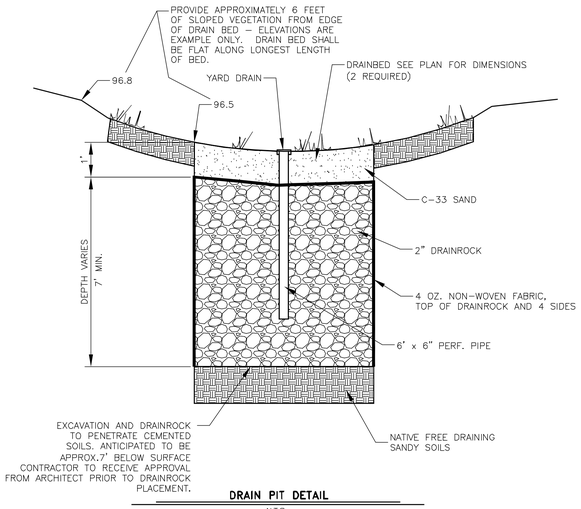
PROJ. NO.:	00031
DATE:	6/01
DRAWN BY:	D.P.
CHECKED BY:	G.A.
FILE:	
REVISION:	

SHEET NO.: C-2



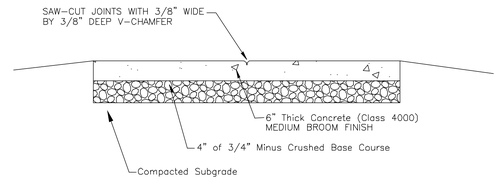
TYPICAL VEHICULAR ASPHALT ACCESS TO VEHICULAR CONCRETE ACCESS SECTION

N.T.S.



DRAIN PIT DETAIL

N.T.S.



TYPICAL CONCRETE SECTION FOR VEHICULAR ACCESS CONCRETE SIDEWALKS

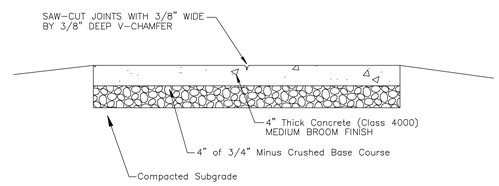
N.T.S.

NOTES:

1. SEE SPECIFICATIONS FOR CONCRETE JOINTING AND SCORING REQUIREMENTS.

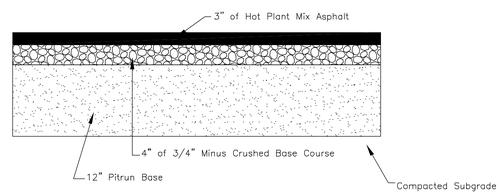
2. ALL CONCRETE WALKS CROSSING THE ASPHALT BUILDING ACCESS AND THE ENTIRE 20 FOOT WIDE CONCRETE ACCESS ALONG THE EAST SIDE OF THE BUILDING ARE CONSIDERED VEHICULAR ACCESSES AND SHALL CONFORM TO THAT TYPICAL SECTION FOR GRAVEL AND CONCRETE THICKNESSES.

3. ALL CONCRETE WALKS SHALL BE SCORED TO PROVIDE UNIFORM 5 FOOT BY 5 FOOT BLOCKED PATTERN. SCORING SHALL RUN PARALLEL AND PERPENDICULAR WITH SIDEWALK.



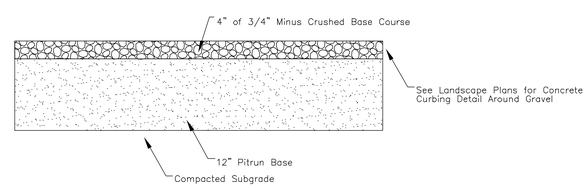
TYPICAL CONCRETE SECTION FOR PEDESTRIAN ONLY CONCRETE SIDEWALKS

N.T.S.



TYPICAL ASPHALT ACCESS

N.T.S.



GRAVEL ACCESS

N.T.S.

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BOISE STATE UNIVERSITY
WEST CAMPUS ACADEMIC BUILDING
DPW PROJECT NUMBER: 01-194
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PROJ. NO.:	00031
DATE:	6/01
DRAWN BY:	D.P.
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FILE:	
REVISION:	

SHEET NO.:

C-3