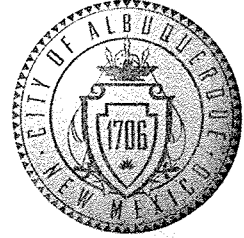


# CITY OF ALBUQUERQUE



September 08, 2008

Glenn Broughton, P.E.  
**Bohannon Huston, Inc.**  
7500 Jefferson NE Courtyard I  
Albuquerque, NM 87109

Re: <sup>9935</sup>Shops -1-Costco Pad B, ~~9355~~ Coors NW,

**Approval of Permanent Certificate of Occupancy (C.O.), Engineer's Stamp**  
**dated ~~05/31/07~~ (B-13/D003)**  
**2-29-08**  
**Certification dated 12/20/07**

Mr. Broughton,

PO Box 1293

Based upon the information provided in your submittal received 9/05/08, the above referenced certification is approved for release of Permanent Certificate of Occupancy by Hydrology.

Albuquerque

If you have any questions, you can contact me at 924-3982.

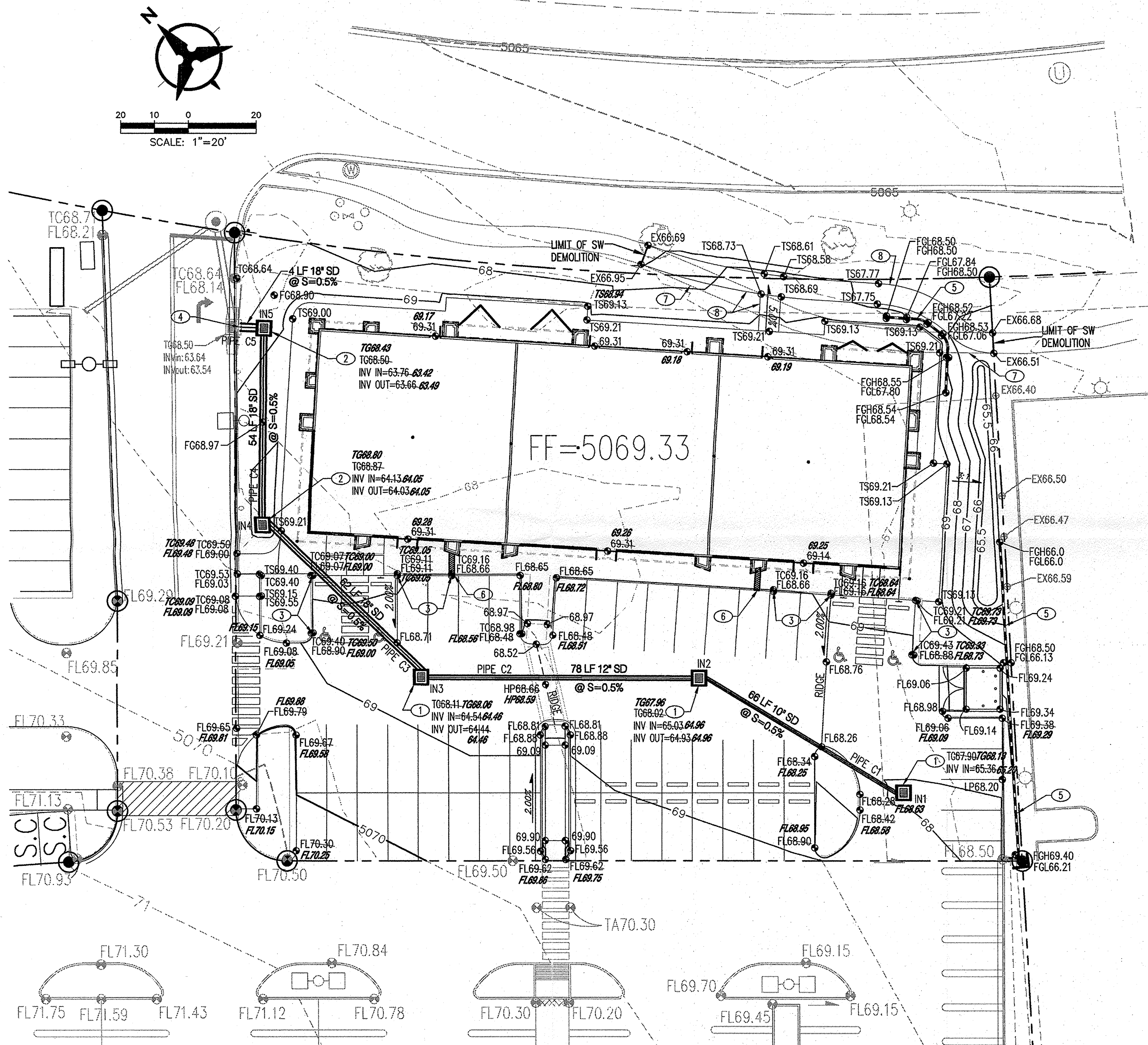
Sincerely,

NM 87103

Timothy Sims  
Plan Checker  
Development and Building Services

[www.cabq.gov](http://www.cabq.gov)

C: CO Clerk – Katrina Sigala  
File



# GRADING NOTES

- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION," AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS OR SILT FENCE AT THE PROPERTY LINES AND NETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
- A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAIL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.
- ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.
- VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.
- UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL PROVIDE AS-BUILT GRADES FOR GRADING AND DRAINAGE CERTIFICATION. THE CONTRACTOR SHALL PROVIDE SUFFICIENT AS-BUILT INFORMATION TO ENSURE THAT THE SITE IS GRADED IN CONFORMANCE WITH THE APPROVED GRADING PLAN AND ALL DRAINAGE STRUCTURES WILL WORK CORRECTLY. FINAL AS-BUILT DRAWINGS PROVIDED BY THE CONTRACTOR SHALL BE LEGIBLE (WHEN REPRODUCED). AS-BUILT GRADING INFORMATION SHALL BE PROVIDED AND CERTIFIED BY A LAND SURVEYOR REGISTERED IN THE STATE OF NEW MEXICO.

## KEYED NOTES:

- CONSTRUCT STORM DRAIN INLET TYPE "SINGLE D", PER COA STD DWG 2206; OR NYOPLAST ROAD AND HIGHWAY DRAINAGE INLET STRUCTURE W/ 2'X3' STEEL BAR GRATE (261.2 SQ. IN. APPROXIMATE DRAIN AREA) H-25 RATED GRATE (OR APPROVED EQUAL).
- INSTALL 18" NYOPLAST INLINE DRAIN WITH DOMED GRATE.
- 20' TRANSITION FROM FLUSH TO MEDIAN CURB.
- CONNECT 18" STORM DRAIN TO EXISTING INLET.
- CONSTRUCT RETAINING WALL, SEE DETAIL THIS SHEET.
- CONSTRUCT 18" SIDEWALK CULVERT WITH METAL GRATE.
- REMOVE AND DISPOSE OF 106± EXISTING CONCRETE SIDEWALK.
- CONSTRUCT 6' WIDE CONCRETE SIDEWALK PER COA STD DWG 2430.

## LEGEND

---	PROPERTY LINE
---	EXISTING CONTOURS
X 5301.15	EXISTING GROUND SPOT ELEVATION
● 65.23	PROPOSED SPOT ELEVATION
TC=TOP OF CURB, FL=FLOW LINE	TA=TOP OF ASPHALT, HP=HIGH POINT, LP=LOW POINT
EX=EXISTING, TG=TOP OF GRADE	FGH=FINISHED GRADE HIGH
FL=FINISHED GRADE LOW	
→ S=2.0%	PROPOSED DIRECTION OF FLOW
~~~~~	WATER BLOCK
---	PROPOSED INDEX CONTOURS
---	PROPOSED INTER CONTOURS
---	PROPOSED CURB & GUTTER
■	EASEMENT
■	PROPOSED STORM DRAIN INLET
●	EXISTING MONUMENT
---	PROPOSED RETAINING WALL
● FL42.19	ASBUILT ELEVATION

## DRAINAGE CERTIFICATION

I, GLENN BROUGHTON, NMPE 14171, OF THE FIRM BOHANNAN HUSTON INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 02-29-08. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY LARRY MEDRANO, NMPS 11993, OF THE FIRM PRECISION SURVEYS. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 08-28-08 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR PERMANENT CERTIFICATE OF OCCUPANCY.

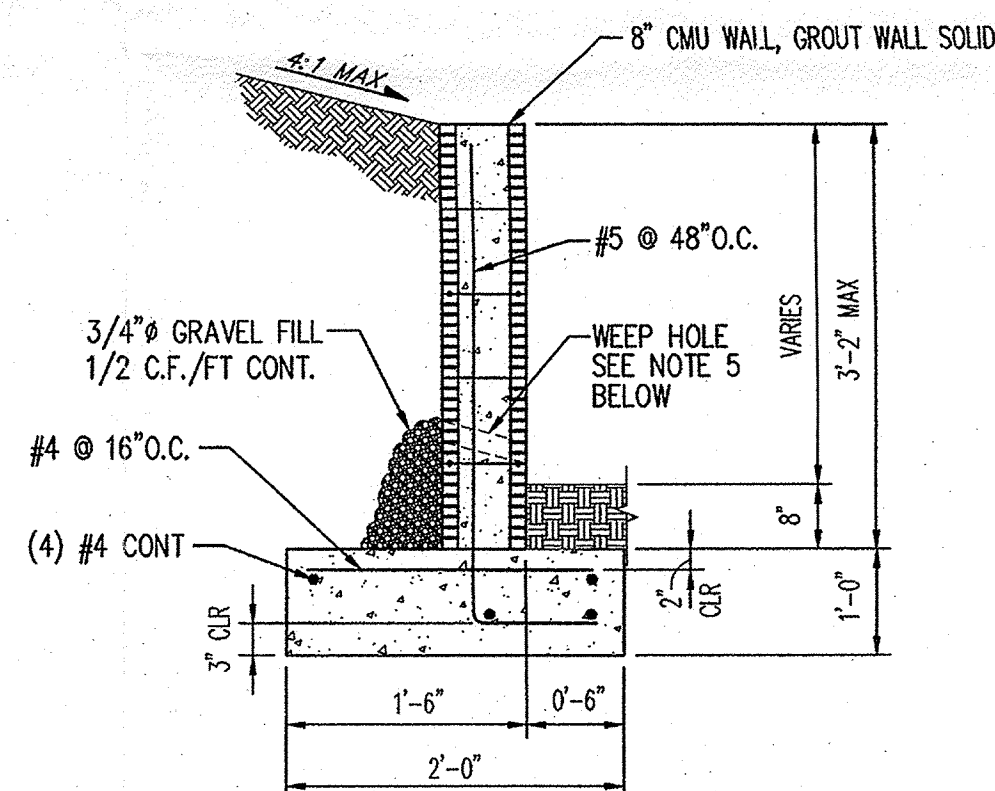
THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER

*Glenn Broughton* 9-5-08  
GLENN BROUGHTON, NMPE 14171  
PURPOSE:  
DATE: 09-05-08



## GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.
- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
- ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.



CONCRETE:  
f'c = 3000 psi @ 28 DAY  
REINFORCING STEEL:  
fy = 60,000 psi

TYPICAL RETAINING WALL

N.T.S.

## RETAINING WALL NOTES:

- RETAINING WALL SHALL NOT BE BACK-FILLED UNTIL AT LEAST 7 DAYS AFTER CASTING THE WALL.
- VERTICAL CONTROL JOINTS IN THE WALL SHALL BE PLACED AT 8'-0" O.C. MAX.
- CONTRACTOR SHALL NOTIFY OWNER PRIOR TO CONCRETE FOOTING POUR FOR INSPECTION OF COMPACTION UNDER FOOTING, FOOTING DEPTH AND WIDTH AND WALL STEEL AND SPACING. FINAL INSPECTION OF FOOTING AND WALL WILL BE REQUIRED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SEE THAT ALL REBAR IS PROPERLY ALIGNED AND TIED IN PLACE BEFORE PLACING CONCRETE. ALL STEEL SHALL BE ACCURATELY LOCATED AND SECURED IN PLACE SO THAT IT REMAINS IN POSITION DURING THE PLACEMENT OF THE CONCRETE. ANY REBAR IMPROPERLY INSTALLED SHALL BE REMOVED AT NO ADDITIONAL COST TO THE OWNER.
- WEEP HOLES: PLACE A 2" DIA. WEEP HOLE @ 5'-0" O.C. W/ 1/2 CUBIC FOOT/FOOT OF 3/4" GRAVEL IN FILTER FABRIC
- THE FIRST COURSE OF CMU BLOCK MAY BE PLACED IN FRESH FOOTING CONCRETE. SUBSEQUENT COURSES OF CMU BLOCK SHALL NOT BE PLACED UNTIL 7 DAYS AFTER THE FOOTING IS CAST.
- BACK FILL AND COMPACTION OF RETAINING WALL IS INCIDENTAL TO INSTALLATION OF RETAINING WALL.



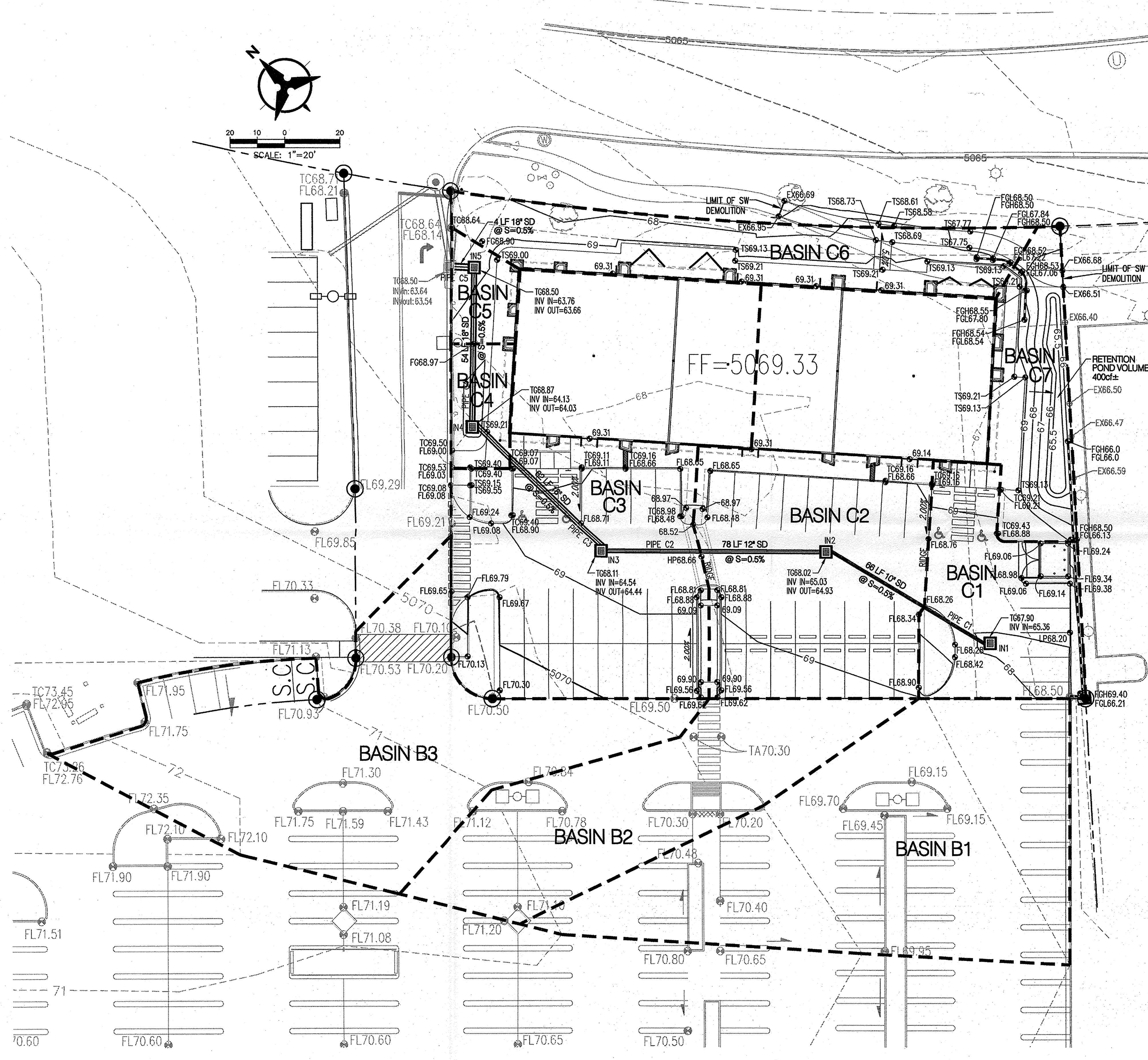
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GEORGE RAINHART ARCHITECT AND ASSOCIATES PC  
2325 SAN PEDRO N.E. SUITE 2-B  
ALBUQUERQUE, NEW MEXICO 87110  
PHONE (505) 884-9110 FAX (505) 837-9877



PROJECT TITLE <b>SHOPS-1-COSTCO</b> S.W.C. OF COOPS AND EAGLE RANCH DR. ALBUQUERQUE, NEW MEXICO	DRAWN BY: RA
PROJECT MANAGER STEPHEN DUNBAR A.I.A.	JOB NO.
SHEET TITLE <b>GRADING PLAN</b>	
DATE: 02/19/08	sheet— <b>C1.0</b>
SCALE: 1"=20"	of—





# DRAINAGE MANAGEMENT PLAN

## SITE LOCATION AND BACKGROUND INFORMATION

THIS SITE IS LOCATED BETWEEN COORS BOULEVARD (NORTH), COSTCO WHOLESALE (SOUTH & WEST) AND THE PITRE CAR DEALERSHIP (EAST). THE SITE AREA IS .90 ACRES AND IS IN RAINFALL ZONE 1 AS DEFINED BY FIGURE A-1 OF THE DPM SECTION 22. THE LEGAL DESCRIPTION OF THE SITE IS TRACT N-1-B-2B SEVEN BAR RANCH, IN THE CITY OF ALBUQUERQUE, NEW MEXICO. THIS GRADING AND DRAINAGE PLAN IS SUBMITTED IN SUPPORT OF BUILDING PERMIT APPROVAL.

## EXISTING CONDITIONS

THIS SITE CONSISTS OF BASIN C FROM THE APPROVED COSTCO WHOLESALE CORPORATION DRAINAGE SUBMITTAL STAMPED 5-21-07 (COA FILE B13/03). THE SITE WAS ORIGINALLY ANALYZED ASSUMING LAND TREATMENT TYPES C (15%) AND D (85%). THE LAND TREATMENT TYPES HAVE BEEN ADJUSTED PER THE CURRENT SITE PLAN FOR THE SITE. THE EXISTING CONDITIONS OF THE SITE CONSISTS OF LOOSE SOIL. THE SITE IS FAIRLY FLAT AND SLOPES NORTH WHERE IT IS INTERCEPTED BY AN EXISTING INLET PIPE CONSTRUCTED WITH THE COSTCO PROJECT. THIS DRAINAGE IS CONVEYED TO THE EXISTING COORS BOULEVARD STORM DRAIN SYSTEM.

## PROPOSED CONDITIONS

THE SITE HAS BEEN DIVIDED INTO 7 ON SITE BASINS (C1 THROUGH C7). THERE WILL ALSO BE OFF SITE DRAINAGE FROM THE COSTCO SITE (COSTCO SITE BASIN B) THAT FLOWS ONTO THIS SITE. THE OFF SITE BASINS HAVE BEEN DIVIDED INTO 3 BASINS (B1 THROUGH B3). THE SITE HAS BEEN GRADED WITH A SERIES OF 3 SUMPS WITHIN THE PARKING LOT. INLETS HAVE BEEN LOCATED TO INTERCEPT THE OFF SITE AND ON SITE DRAINAGE. THE STORM DRAIN SYSTEM WILL CONVEY STORMWATER TO THE EXISTING TYPE C INLET LOCATED WITHIN THE MAIN COSTCO ENTRANCE DRIVEWAY ON COORS BLVD. THIS INLET WAS CONSTRUCTED WITH THE COSTCO PROJECT AND CONNECTS TO THE EXISTING COORS BOULEVARD STORM DRAIN SYSTEM. ROOF FLOWS WILL ALSO BE CONVEYED TO THE STORM DRAIN INLETS VIA SIDEWALK CULVERTS. THE PROPOSED SITE DRAINAGE COLLECTION SYSTEM HAS BEEN DESIGNED TO CONVEY BOTH ON SITE AND OFF SITE DRAINAGE. AN ADDITIONAL TWO NYLOPLAST INLETS WITH DOME GRATES WILL CAPTURE RUNOFF FROM THE LANDSCAPED AREA ON THE WEST END OF THE SITE (BASINS B4 & B5). THE NORTHEAST SIDE OF THE SITE (BASIN B6) WILL DRAIN VIA SURFACE FLOW ONTO COORS BOULEVARD. A SMALL RETENTION POND HAS BEEN INCORPORATED INTO THE GRADING PLAN TO INTERCEPT DRAINAGE FROM BASIN B6. THE VOLUME OF THIS RETENTION POND IS APPROXIMATELY 400 CUBIC FEET. THE CALCULATED RUNOFF VOLUME IN THE 100 YEAR, 6 HOUR STORM IS 295 CUBIC FEET.

## CONCLUSIONS

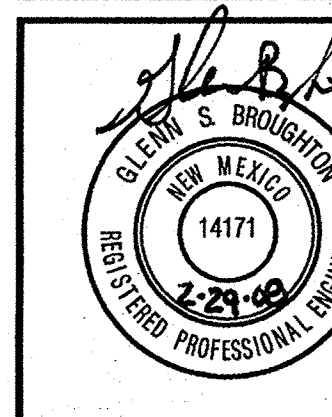
THE PROPOSED CONDITIONS PEAK DISCHARGE FROM THE SITE, WHICH IS CONVEYED TO THE EXISTING STORM DRAIN SYSTEM, IS 5.9 CFS. 0.4 CFS FREE DISCHARGES INTO COORS BOULEVARD AND BASIN B7 IS INTERCEPTED BY THE PROPOSED RETENTION POND. THIS DRAINAGE SUBMITTAL HAS BEEN PREPARED IN ACCORDANCE WITH CITY OF ALBUQUERQUE REQUIREMENTS. THIS PLAN CLEARLY DEMONSTRATES THE PROPOSED GRADING AND DRAINAGE CONCEPT AND WILL RESULT IN THE SAFE PASSAGE OF THE 100YR STORM EVENT. WITH THIS SUBMITTAL WE REQUEST HYDROLOGY APPROVAL OF THIS GRADING AND DRAINAGE PLAN FOR THE BUILDING PERMIT.

Shops 1 at Costco Pad B										
Ultimate Development Conditions Basin Data Table										
This table is based on the DPM Section 22.2, Zone 1										
BASIN	Area	Area	Land Treatment Percentages				Q(100)	Q(100)	WT E	V(100) <sub>250</sub>
ID	(SQ. FT)	(AC.)	A	B	C	D	(cfs/ac.)	(cfs)	(inches)	(CF)
B1	11808	0.27	0.0%	0.0%	3.0%	97.0%	4.33	1.17	1.94	1910
B2	6386	0.15	0.0%	0.0%	11.0%	89.0%	4.21	0.62	1.86	991
B3	11598	0.27	0.0%	0.0%	3.0%	97.0%	4.33	1.15	1.94	1876
C1	4081	0.09	0.0%	0.0%	10.0%	90.0%	4.22	0.40	1.87	637
C2	12414	0.28	0.0%	0.0%	0.0%	100.0%	4.37	1.25	1.97	2038
C3	13685	0.31	0.0%	0.0%	7.0%	93.0%	4.27	1.34	1.90	2165
C4	1015	0.02	0.0%	5.0%	55.0%	40.0%	3.43	0.08	1.37	116
C5	846	0.02	0.0%	5.0%	68.0%	27.0%	3.23	0.06	1.24	87
C6	4766	0.11	0.0%	5.0%	53.0%	42.0%	3.46	0.38	1.39	550
C7	2904	0.07	0.0%	5.0%	70.0%	25.0%	3.20	0.21	1.22	295

SHOPS 1 AT COSTCO								
STORM DRAIN PIPE TABLE								
PIPE #	Contributing Basins	Size in.	Slope	Capacity* cfs	ACTUAL FLOW cfs	PIPE LENGTH ft	INVERT IN	INVERT OUT
BASIN C								
C1	B1 & C1	10	0.50%	1.5	1.6	66.0	65.36	65.03
C2	B1,C1,B2,C2	12	0.50%	2.5	3.4	78.0	64.93	64.54
C3	B1,C1,B2,C2,B3,C3	18	0.50%	7.4	5.9	62.0	64.44	64.13
C4	B1,C1,B2,C2,B3,C3,C4	18	0.50%	7.4	6.0	54.0	64.03	63.76
C5	B1,C1,B2,C2,B3,C3,C4,C5	18	0.50%	7.4	6.1	4.0	63.66	63.64

SHOPS 1 AT COSTCO							
INLET TABLE							
INLET #	CONTRIBUTING BASIN	INLET TYPE	TOP OF GRATE	ACTUAL FLOW	AVAIL. HEAD FT	CAPACITY	Grate Calculation
IN1	B1,C1	1-SGL D	67.90	1.57	0.86	17.45	Sump
IN2	B2,C2	1-SGL D	68.02	1.86	0.5	7.96	Sump
IN3	B3,C3	1-SGL D	68.11	2.49	0.96	18.45	Sump
IN4	C4	1-SGL D	68.87	0.08	0.1	0.71	Sump
IN5	C5	1-SGL D	68.50	0.07	0.14	1.31	Sump

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PROJECT TITLE  
**SHOPS-1-COSTCO**

PROJECT MANAGER  
S.M.C. OF COORS AND EAGLE RANCH DR.  
ALBUQUERQUE, NEW MEXICO

DRAWN BY  
STEPHEN DUNBAR A.L.A.  
JOB NO.  
DATE  
02/19/08

SHEET TITLE  
**DRAINAGE MANAGEMENT PLAN**

DATE:  
02/19/08

SCALE:  
1"=20'

sheet--  
of--