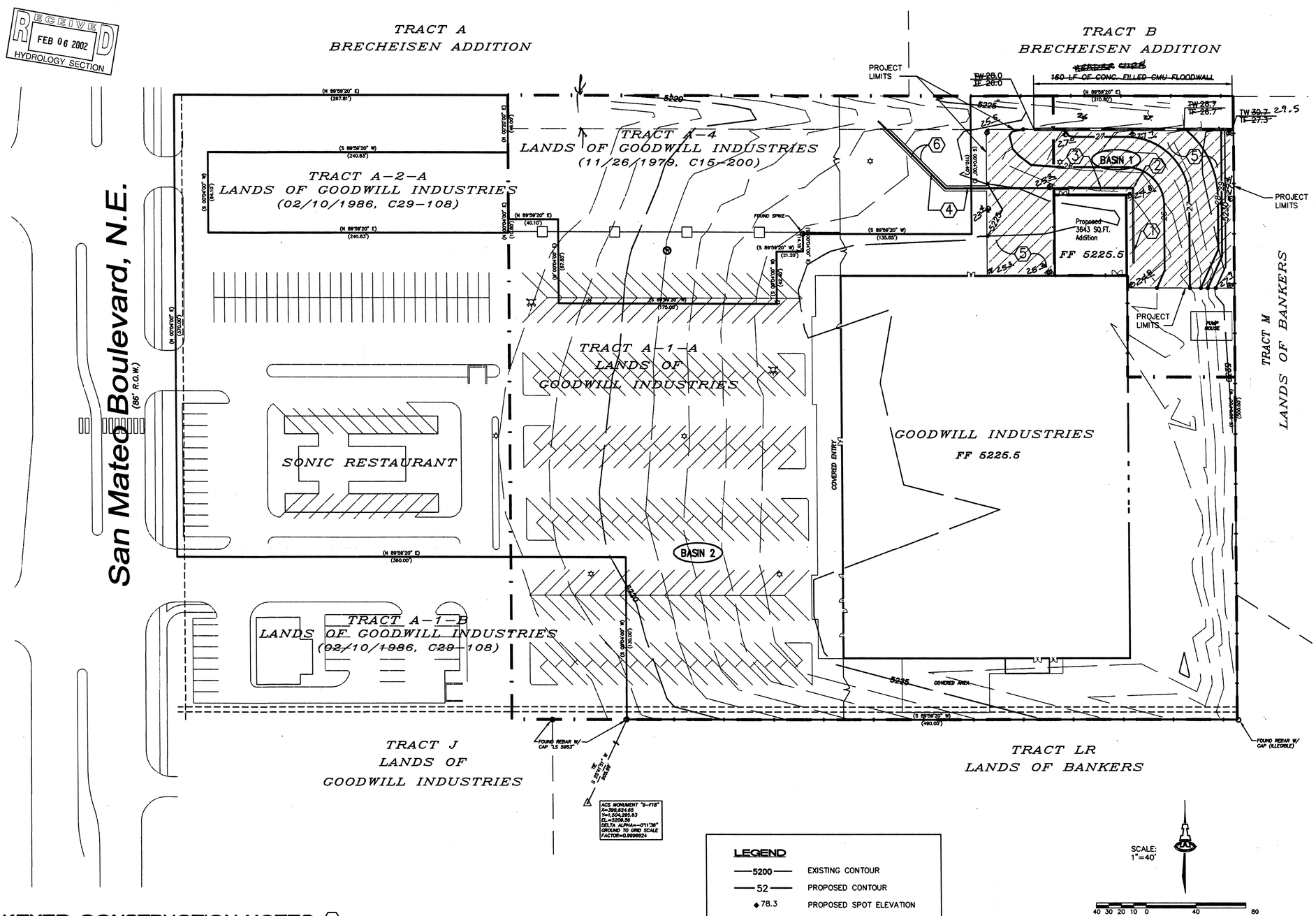
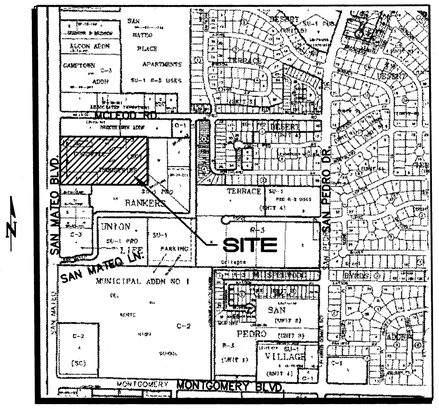




VICINITY MAP

KEYED CONSTRUCTION NOTES:

1. 60 LF POLYCAST TRENCH DRAIN 600-SERIES, WITH A SLOTTED, DOUBLE GALVANIZED STEEL GRATE, OR APPROVED EQUAL. CONTRACTOR TO INSTALL PER MANUFACTURERS SPECIFICATIONS.
   INV (S)= ~~24.66~~ 22.49
   INV (N)= ~~24.27~~ 22.49
   GRATE EL= ~~25.00~~ 24.24
2. 4" PVC 90° BEND
3. 48 LF POLYCAST TRENCH DRAIN 600-SERIES, WITH A SLOTTED, DOUBLE GALVANIZED STEEL GRATE, OR APPROVED EQUAL. CONTRACTOR TO INSTALL PER MANUFACTURERS SPECIFICATIONS.
   INV (E)= ~~24.21~~ 22.49
   INV (W)= ~~23.90~~ 22.29
   GRATE EL= ~~25.00~~ 23.82
4. 180 LF ~~4" PVC~~ 12" CMP DRAIN FROM END OF TRENCH DRAIN.
   S= 0.67%
   INV (E)= ~~23.90~~ 22.29
   INV (NW)= ~~22.69~~ 21.58
5. SAWCUT, REMOVE & DISPOSE OF EXISTING PAVING. REPLACE WITH NEW PAVING AT NEW FINISHED GRADE.
6. SAWCUT, REMOVE & DISPOSE OF EXISTING PAVING AS NECESSARY TO INSTALL NEW DRAIN PIPE. REPLACE WITH NEW PAVEMENT PER COA STD DWG# 2465.

LEGEND

5200	EXISTING CONTOUR
52	PROPOSED CONTOUR
◆78.3	PROPOSED SPOT ELEVATION
→	FLOW ARROW
FF=6881.0	FINISHED FLOOR ELEVATION
	PROPOSED RETAINING WALL
TW=52.0 / TF=50.0	TOP OF WALL / TOP OF FOOTING ELEVATION
INV=72.5	INVERT ELEVATION
	PROPOSED PVC STORM DRAIN
BASIN #	BASIN ID
	BASIN BOUNDARY

SCALE:
1"=40'

40 30 20 10 0 40 80

LEGAL DESCRIPTION: TRACTS A-1-A
LAND OF GOODWILL INDUSTRIES

AREA: 6.68 ACRES (TOTAL)

BENCHMARK: ACS MONUMENT "9-F18", EL.= 5209.56

FLOOD ZONE DESIGNATION: NO PORTION OF THIS SITE LIES WITHIN A FLOOD PLAIN AS SHOWN ON PANEL 139 OF 825 OF THE FEMA FLOOD INSURANCE RATE MAPS DATED SEPTEMBER 20, 1996.

EXISTING CONDITIONS: THIS IS A PREVIOUSLY DEVELOPED SITE WITH THREE COMMERCIAL BUILDINGS AND 300 PARKING SPACES. THE MAIN BUILDING IS THE 69,550 SF GOODWILL STORE AT THE REAR OF TRACT A-1-A. IT IS BOUNDED TO THE WEST BY SAN MATEO BLVD, AND TO THE NORTH, SOUTH, AND EAST BY EXISTING COMMERCIAL DEVELOPMENT. THE SITE SLOPES WEST AT APPROXIMATELY 3.3% AN OLD PAVED DRAINAGE CHANNEL ALONG THE NORTH SIDE OF THE PROJECT CARRIES WATER FROM THE EAST BOUNDARY TO SAN MATEO BLVD. BECAUSE OF EXISTING IMPROVEMENTS, THE SITE IS ALMOST ENTIRELY IMPERVIOUS LAND TREATMENT. THE NORTHEAST CORNER OF THE LOT (BASIN 1) IS ALSO CURRENTLY PAVED. FLOWS FROM BASIN 1 SHEET AROUND THE NORTHEAST CORNER OF THE GOODWILL STORE, THEN FLOW WEST UNTIL THEY CAN BE PICKED UP BY THE EXISTING DRAINAGE CHANNEL.

PROPOSED CONDITIONS: THIS PLAN PROPOSES A 3,643 SF ADDITION ON THE NORTH SIDE OF THE GOODWILL STORE WITHIN BASIN 1. BECAUSE THE IMPERVIOUS LAND TREATMENT AREA REMAINS THE SAME WITH THIS IMPROVEMENT, NO CHANGES ARE MADE TO THE EXISTING FLOW QUANTITIES. THE 3.2 CFS OF FLOWS THAT CURRENTLY SHEET AROUND THE NORTHEAST CORNER OF THE BUILDING WILL BE CAPTURED IN A TRENCH DRAIN ON THE NORTH AND EAST SIDE OF THE ADDITION, THEN DIRECTED NORTH IN A 4" PVC DRAIN TO THE EXISTING CHANNEL. EXISTING PAVING WILL BE REMOVED AND REPLACED AROUND THE ADDITION TO FLATTEN THE DRIVING PATH ON THE CORNER. A SMALL FLOOD WALL BETWEEN THE NEW PAVING ON THE NORTH AND THE EXISTING CHANNEL WILL REPLACE THE EXISTING HIGH POINT IN THE PAVING THAT SEPARATES THE CHANNEL FROM THE LOT.

HYDROLOGY CALCULATIONS:

Precipitation Zone: 3

Basin 1
Land Treatment: 0.64 Acres (100% Type D)
Q_P = 0.64 x(5.02) = 3.2 CFS

Basin 2
Land Treatment: 6.04 Acres (100% Type D)
Q_P = 0.64 x(5.02) = 30.3 CFS

NOTE:
PROJECT LIMITS ARE DEFINED BY HATCHED AREA IN THE NORTHEAST CORNER OF SITE.

ENGINEER'S CERTIFICATION
I, GENEVIEVE L. DONART, LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLAN DATED 09/07/01 (CITY APPROVAL LETTER DATED 09/13/01) FOR GOODWILL INDUSTRIES PHASE 1. AS-BUILT GRADES WERE FIELD VERIFIED BY ALDRICH LAND SURVEYING, NMLS NO. 7719 ON 02/06/02 IN ACCORDANCE WITH THE "NEW MEXICO ENGINEERING AND SURVEYING ACT" SECTION 61-23-1 THROUGH 61-23-32 NMSD (1978).

THE RETAINING WALL ALONG THE NORTH LINE OF THE PROJECT LIMITS WAS NOT CONSTRUCTED, AS ADJACENT SLOPES WERE ADEQUATE TO PREVENT FLOODING FROM THE DRAINAGE SWALE TO THE NORTH.

Genevieve L. Donart
GENEVIEVE L. DONART, NMPE NO. 15088

2/06/02
DATE

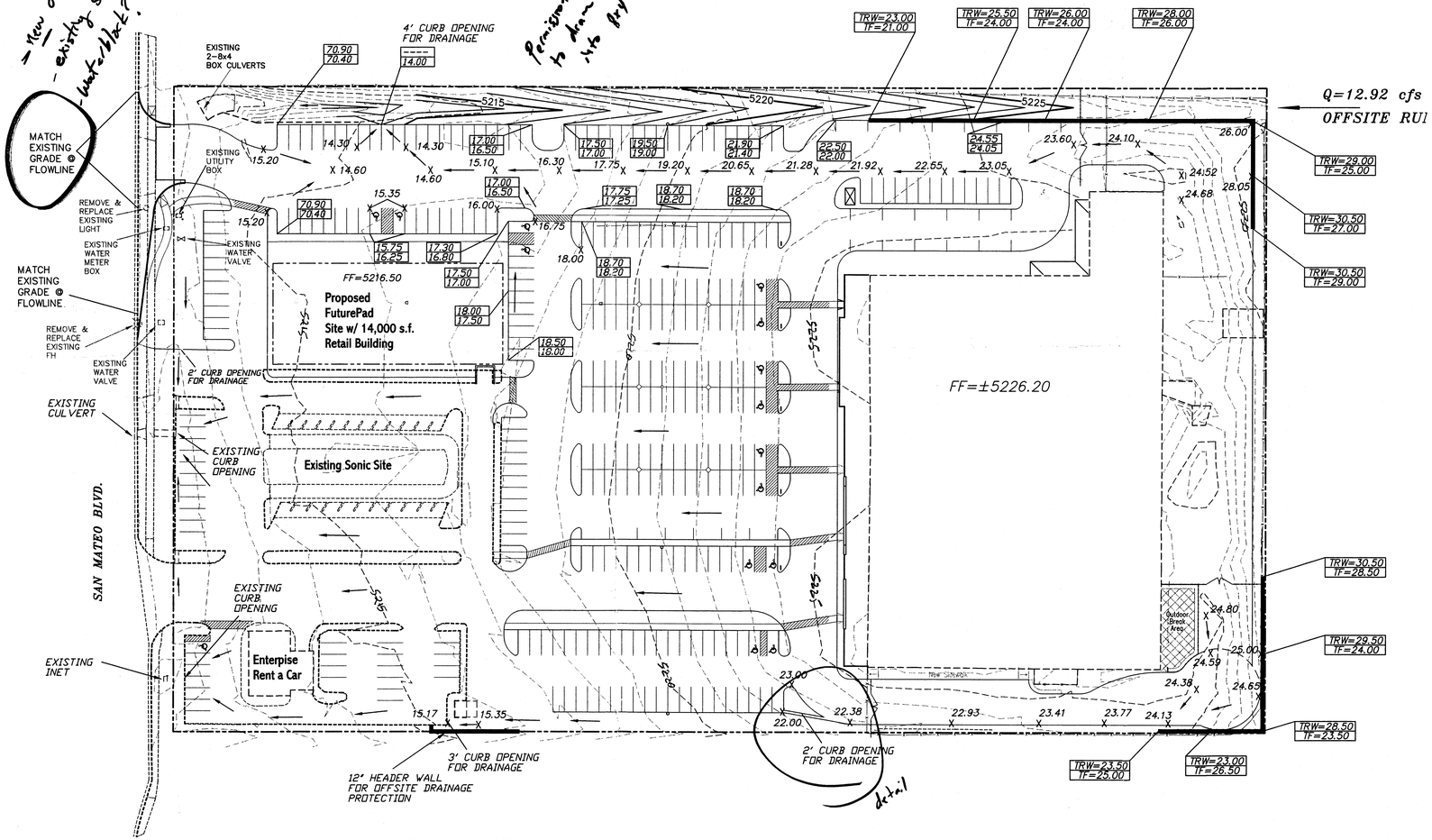
GOODWILL INDUSTRIES
PHASE ONE
GRADING & DRAINAGE PLAN

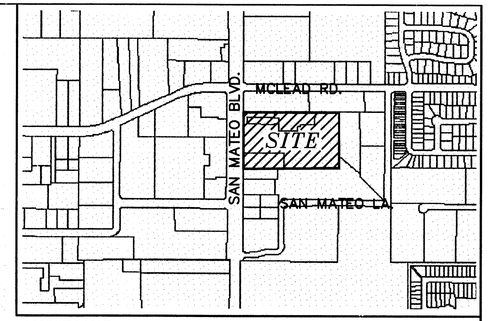
GENEVIEVE L. DONART NEW MEXICO 15088 LICENSED PROFESSIONAL ENGINEER 9/7/01

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

185GRD.DWGrfh | 09/07/01

SHEET 3 OF 6





VICINITY MAP: F-18-Z

LEGAL DESCRIPTION:

REFER TO PLAT ENTITLED "REPLAT OF TRACTS A-1, A-2 & A-3 LAND OF GOODWILL INDUSTRIES" ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY ON FEBRUARY 10, 1986, IN VOLUME C29, FOLIO 108.

ELEVATION DATUM IS BASED ON NGVD 1929 FROM ACS MONUMENT "9-F18", ELEVATION (FEET) = 5209.56

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

GRADING NOTE

THE AREAS WITH SPOT ELEVATION ARE THE AREAS WHERE THE GRADES ARE PROPOSED TO CHANGE. OTHER AREAS WITHOUT THE SPOT ELEVATIONS WILL MATCH THE EXISTING TOP OF ASPHALT ELEVATION.

LEGEND

- EXISTING SAS MANHOLE
- EXISTING METER
- EXISTING VALVE W/BOX
- EXISTING FIRE HYDRANT
- EX. 8" SAS — EXISTING SANITARY SEWER LINE
- EX. 16" WL — EXISTING WATER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- 5100 — EXISTING CONTOUR (MAJOR)
- 5102 — EXISTING CONTOUR (MINOR)
- BOUNDARY LINE
- EASEMENT
- LIMITS OF TOP OF EXISTING SLOPE
- PROPOSED SIDEWALK
- TC 70.90 / FL 70.40 — PROPOSED GRADE
- TRW=38.00 / TF=32.00 — TOP OF RETAINING WALL / TOP OF FOOTING
- X 70.28 — PROPOSED SPOT ELEVATION
- * 5265.16 — EXISTING GRADE
- EXISTING POWER LINES
- EXISTING FENCE

GENERAL NOTES:

1: ADD 5200 TO SPOT ELEVATIONS TO SHOW TRUE ELEVATION.
2: CONTOUR INTERVAL IS ONE (1) FOOT.
3: ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION HAVING AN ELEVATION OF 5209.56 FEET ABOVE SEA LEVEL.
4: UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/ OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
5: THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
6: SLOPES ARE AT 4:1 MAXIMUM.

ROUGH GRADING APPROVAL DATE

EROSION CONTROL PLAN AND POLLUTION PREVENTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
4. REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
6. ALL THE DISTURBED AREAS MUST BE REVEGETATED.

GRAPHIC SCALE

50 0 25 50

SCALE: 1"=50'

RECEIVED OCT 17 2003 HYDROLOGY SECTION

SHAHAB MAZAR BIAZAR NEW MEXICO 13479 REGISTERED PROFESSIONAL ENGINEER 10/16/03

ADVANCED ENGINEERING and CONSULTING, LLC

SHAHAB BIAZAR
P.E. #13479

10205 SNOWFLAKE CT., NW
ALBUQUERQUE, NEW MEXICO 87114
(505)899-5570

GOODWILL INDUSTRIES GRADING AND DRAINAGE PLAN

DRAWING:	DRAWN BY:	DATE:	SHEET #
200347-GR.DWG	SBB	09-16-03	1 OF 1

LAST REVISION: 10-16-03

GOODWILL INDUSTRIES

OF NEW MEXICO

ALBUQUERQUE, NM

NEW LOADING DOCKS

INDEX TO DRAWINGS

DRAINAGE REPORT

LOCATION & DESCRIPTION

GOODWILL INDUSTRIES IN LOCATED ON THE EAST SIDE OF SAN MATE BETWEEN MONTGOMERY BOULEVARD AND MCLEOD ROAD, NE. THE SITE IS APPROXIMATELY 9.9 ACRES AND IS FULLY DEVELOPED WITH THE MAIN GOODWILL FACILITY, A SONIC RESTAURANT, AND AN ENTERPRISE RENTAL CAR FACILITY ON PAD SITES ON THE WEST SIDE OF THE SITE ADJACENT TO SAN MATEO. THE MAJORITY OF THE SITE THAT IS NOT COVERED WITH BUILDINGS IS PAVED. THERE IS LITTLE LANDSCAPING.

THIS PROJECT CONCENTRATES ON THE NON-PUBLIC AREA OF THE SITE TO THE EAST OF THE GOODWILL BUILDING WHERE A PAVED SHIPPING AND SMALL DOCK AREA WILL BE DEMOLISHED AND NEW DOCKS CONSTRUCTED. THE REMAINDER OF THE SITE WILL BE UNCHANGED WITH THIS PROJECT.

HYDROLOGY

THE HYDROLOGY FOR THIS PROJECT WAS ANALYZED USING THE QUICK CALCULATIONS OF THE JUNE 1997 RELEASE OF THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, SECTION 22.2.

PRECIPITATION

THE 100-YR, 6-HR AND 100-YR, 10-DAY DURATION STORM EVENTS WERE USED AS THE DESIGN STORM FOR THIS ANALYSIS. THE SITE LIES WITHIN THE ZONE 3 PRECIPITATION AREA FOR THE CITY OF ALBUQUERQUE, AS IDENTIFIED IN THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, SECTION 22.2. THEREFORE, TABLES WITHIN THIS SECTION WERE USED TO ESTABLISH THE EXCESS PRECIPITATION AND PEAK DISCHARGE.

EXISTING DRAINAGE

THE SITE CURRENTLY HAS TWO DRAINAGE DISCHARGE AREAS. THE BULK OF THE SITE DRAINS TOWARD THE WEST VIA SHALLOW SURFACE FLOWS THROUGH THE PAVED PARKING LOT AND OUT, THROUGH THE DRIVEPADS, INTO SAN MATEO. THE GOODWILL BUILDING ROOF, DOCK AREA ON THE EAST SIDE OF THE SITE, AND LANDSCAPE AREA (CHANNEL) ON THE NORTH SIDE OF THE SITE DRAIN THROUGH THE NORTHERN CHANNEL INTO TWO 4' TALL BY 8' WIDE CONCRETE BOX CULVERTS THAT RUN UNDER SAN MATEO. IN ADDITION TO THE ON-SITE RUNOFF DISCHARGING INTO THIS BOX CULVERT, THERE IS APPROXIMATELY 13 cfs THAT ENTERS THE NORTHEAST CORNER OF THE GOODWILL SITE FROM THE APARTMENTS TO THE EASE. THIS RUNOFF ENTERS THE SITE IN THE EAST END OF THE CHANNEL AND, AFTER BEING CONVEYED ACROSS THE NORTH END OF THE SITE, DISCHARGES INTO THE BOX CULVERT WITH THE RUNOFF GENERATED ON-SITE. THIS IS THE ONLY APPARENT IMPACT TO THE SITE FROM ADJACENT PROPERTIES.

DEVELOPED CONDITION

THIS PROJECT IS CONCENTRATED IN THE DOCK AREA EAST OF THE GOODWILL BUILDING. IT PROPOSES TO REMOVE THE EXISTING FINISH FLOOR ELEVATION PAVEMENT AND ABOVE FLOOR DOCKS AND CONSTRUCT BELOW FLOOR LEVEL DOCKS. SINCE THIS WOULD TRAP RUNOFF, WE HAVE PROPOSED COLLECTING THE RUNOFF FROM THE DOCK AREA (AND THE ROOF DRAINS THAT DISCHARGE IN THE DOCK AREA) IN A SERIES OF STORM INLETS AND DISCHARGE IT INTO THE NORTH SIDE CHANNEL BEFORE THE CONCRETE BOX CULVERTS. SINCE WE ARE REPLACING PAVEMENT INSTEAD OF INCREASING THE AMOUNT OF PAVEMENT THERE WILL BE NO NET INCREASE IN DISCHARGE FROM THE PROJECT. LIKEWISE, THERE WILL NOT BE ANY CHANGE IS THE DISCHARGE POINT SINCE THE RUNOFF FROM THE DOCK AREA CURRENTLY DISCHARGES TO THE CHANNEL. IT JUST GETS THERE ON THE SURFACE NOW BUT WILL BE SUBSURFACE WITH THIS PROJECT.

100-YEAR HYDROLOGIC CALCULATIONS

BASIN #	AREA (acre)	LAND TREATMENT A (%)	B (%)	C (%)	D (%)	WEIGHTED E (in)	V (6-hr) (acre-ft)	V (6-hr) (cu-ft)	V(10 day) (acre-ft)	V(10 day) (cu-ft)	Q (cfs)
EXISTING CONDITIONS											
BASIN A	2.40	0.00	1.50	1.50	97.00	2.32	0.47	20,258	0.91	39,718	11.92
BASIN B	7.48	0.00	0.00	4.60	95.40	2.31	1.44	62,735	2.81	122,305	37.00
PROPOSED CONDITIONS											
BASIN A	2.40	0.00	1.50	1.50	97.00	2.32	0.47	20,258	0.91	39,718	11.92
BASIN B	7.48	0.00	0.00	4.60	95.40	2.31	1.44	62,735	2.81	122,305	37.00

EXCESS PRECIP.	0.66	0.92	1.29	2.36	E_t (in)
PEAK DISCHARGE	1.87	2.6	3.45	5.02	Q_{PK} (cfs)

$E_t = (E_A)(\%A) + (E_B)(\%B) + (E_C)(\%C) + (E_D)(\%D)$

$V_{6HR} = (\text{WEIGHTED E})(\text{AREA})/12$

$V_{100DAY} = V_{6HR} + (A_D)(P_{100DAY} - P_{6HR})/12$

$Q_{PEAK} = (Q_{PB})(A_B) + (Q_{PC})(A_C) + (Q_{PD})(A_D)$

ZONE = 3
P_{6HR} (in.) = 2.60
P_{24HR} (in.) = 3.10
P_{100DAY} (in.) = 4.90

DRAINAGE CERTIFICATION

I, Larry D. Read, NMPE 10998, of the firm Firm Larry Read & Associates, 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 7/21/09. The record information edited onto the original design document has been obtained by Larry D. Read, PE. I further certify that I have personally visited the project site on ~~Date~~ 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 Certificate of Occupancy.

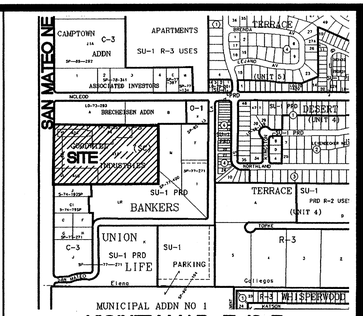
8/24/09

Exceptions: Changes have been edited onto the grading plan and noted. The major change was the addition of 3 – 18" sidewalk culverts in the dock surface to convey roof drainage fromt he roof drain downspouts, across the dock surface, to the edge of the dock to avoid slick areas and possible ice build-up.

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 purpose.

LAWRENCE D. READ NEW MEXICO 10998 LICENSED PROFESSIONAL ENGINEER

8/25/09



VICINITY MAP F-18-Z

LEGAL DESCRIPTION

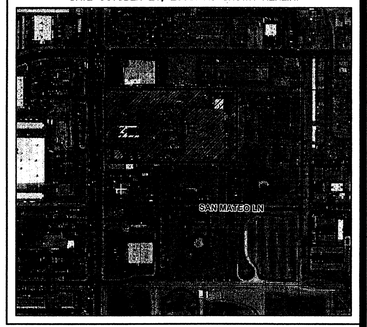
LOTS NUMBERED A-1-A, A-2-A, AND A-4, LANDS OF GOODWILL INDUSTRIES VOLUME C29, FOLIO 108
ALBUQUERQUE – BERNALILLO COUNTY, NEW MEXICO.

ACS BENCHMARK

ACS BM 9-F18 BASED ON NGVD 1929

FLOODPLAIN

THE PROPERTY SHOWN HEREON DOES NOT HAVE A 100-YEAR DESIGNATED FLOODPLAIN ONSITE PER THE FEMA FLOOD INSURANCE RATE MAP OF THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, COMMUNITY-PANEL NO. 350010139-G; EFFECTIVE DATE OCTOBER 26, 2008. AS SHOWN HEREIN.



LARRY READ & ASSOCIATES
Civil Engineers
2430 Midtown Place, NE Suite C
Albuquerque, New Mexico 87107
(505) 237-8421 Fax (505) 237-8422

NO.	DATE	REVISIONS DESCRIPTION
1		
2		
3		
4		

COVER PAGE

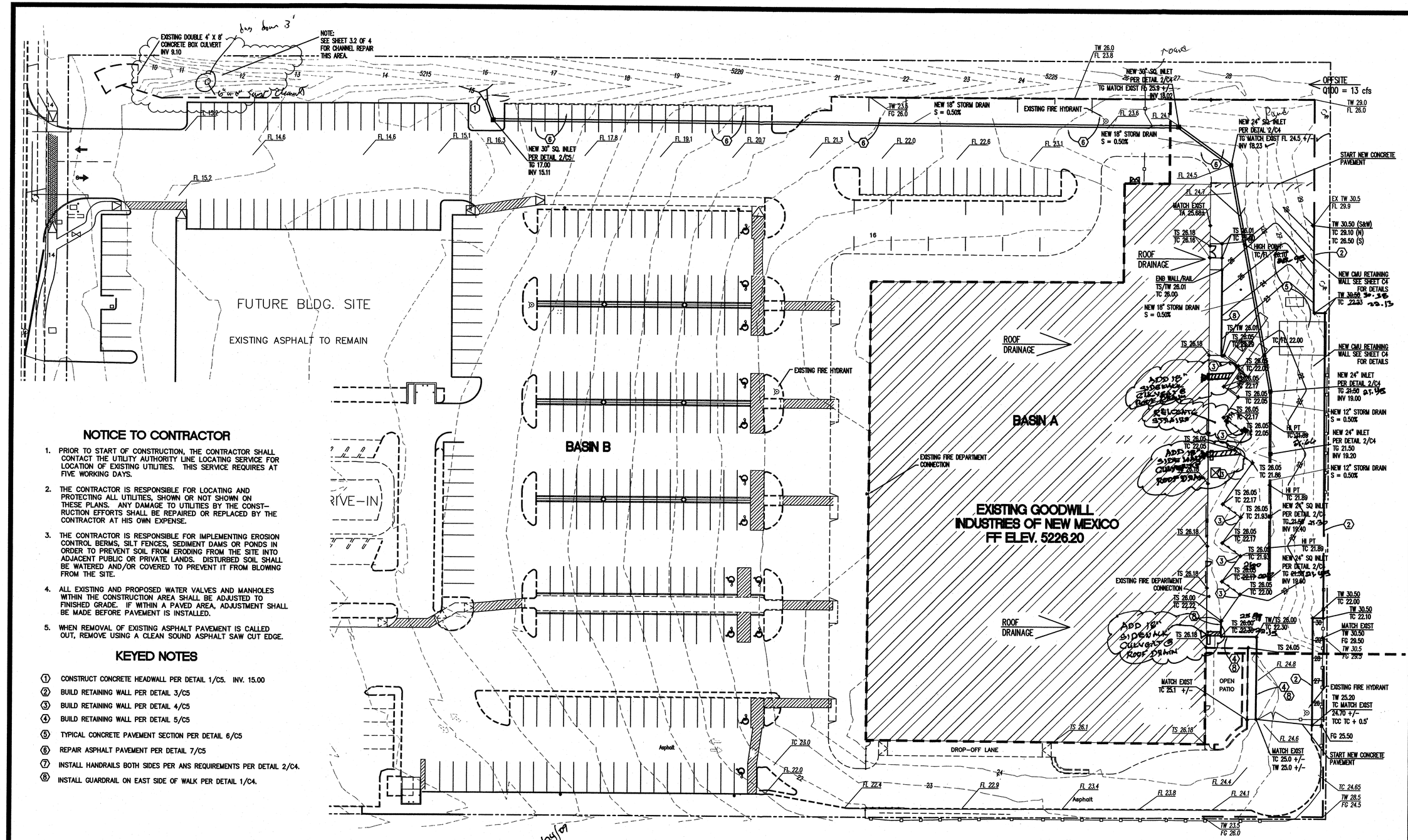
LAWRENCE D. READ NEW MEXICO 10998 LICENSED PROFESSIONAL ENGINEER
7/21/09

GOODWILL INDUSTRIES
OF NEW MEXICO
ALBUQUERQUE, NM

DRAWING NAME: PROTECCPH1.DWG

SHEET C1 OF 6

RECEIVED
AUG 26 2009
HYDROLOGY SECTION



NOTICE TO CONTRACTOR

1. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY AUTHORITY LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES. THIS SERVICE REQUIRES AT FIVE WORKING DAYS.
2. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS. ANY DAMAGE TO UTILITIES BY THE CONST-RUCTION EFFORTS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
3. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING EROSION CONTROL BERMS, SILT FENCES, SEDIMENT DAMS OR PONDS IN ORDER TO PREVENT SOIL FROM ERODING FROM THE SITE INTO ADJACENT PUBLIC OR PRIVATE LANDS. DISTURBED SOIL SHALL BE WATERED AND/OR COVERED TO PREVENT IT FROM BLOWING FROM THE SITE.
4. ALL EXISTING AND PROPOSED WATER VALVES AND MANHOLES WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED GRADE. IF WITHIN A PAVED AREA, ADJUSTMENT SHALL BE MADE BEFORE PAVEMENT IS INSTALLED.
5. WHEN REMOVAL OF EXISTING ASPHALT PAVEMENT IS CALLED OUT, REMOVE USING A CLEAN SOUND ASPHALT SAW CUT EDGE.

KEYED NOTES

1. CONSTRUCT CONCRETE HEADWALL PER DETAIL 1/C5. INV. 15.00
2. BUILD RETAINING WALL PER DETAIL 3/C5
3. BUILD RETAINING WALL PER DETAIL 4/C5
4. BUILD RETAINING WALL PER DETAIL 5/C5
5. TYPICAL CONCRETE PAVEMENT SECTION PER DETAIL 6/C5
6. REPAIR ASPHALT PAVEMENT PER DETAIL 7/C5
7. INSTALL HANDRAILS BOTH SIDES PER ANS REQUIREMENTS PER DETAIL 2/C4.
8. INSTALL GUARDRAIL ON EAST SIDE OF WALK PER DETAIL 1/C4.

GRADING PLAN

DRAINAGE CERTIFICATION

I, Larry D. Read, NMPE 10998, of the firm Firm Larry Read & Associates, 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 7/21/09. The record information edited onto the original design document has been obtained by Larry D. Read, PE. I further certify that I have personally visited the project site on Date 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 Certificate of Occupancy.

Exceptions: Changes have been edited onto the grading plan and noted. The major change was the addition of 3 – 18" sidewalk culverts in the dock surface to convey roof drainage fromt he roof drain downspouts, across the dock surface, to the edge of the dock to avoid slick areas and possible ice build-up.

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8/24/09

LAWRENCE D. READ NEW MEXICO 10998 LICENSED PROFESSIONAL ENGINEER

BUILDING DATA:
TOTAL SQUARE FOOTAGE 72,150sf
CONSTRUCTION YTPE II-N
FULLY SPRINKLED
SINGLE STORY

GRAPHIC SCALE (1 INCH = 30 FEET)

RECEIVED
AUG 28 2009
HYDROLOGY

LARRY READ & ASSOCIATES
Civil Engineers
2430 Midtown Place, NE Suite C
Albuquerque, New Mexico 87107
(505) 237-8421 Fax (505) 237-8422

NO.	DATE	DESCRIPTION
1		
2		
3		
4		

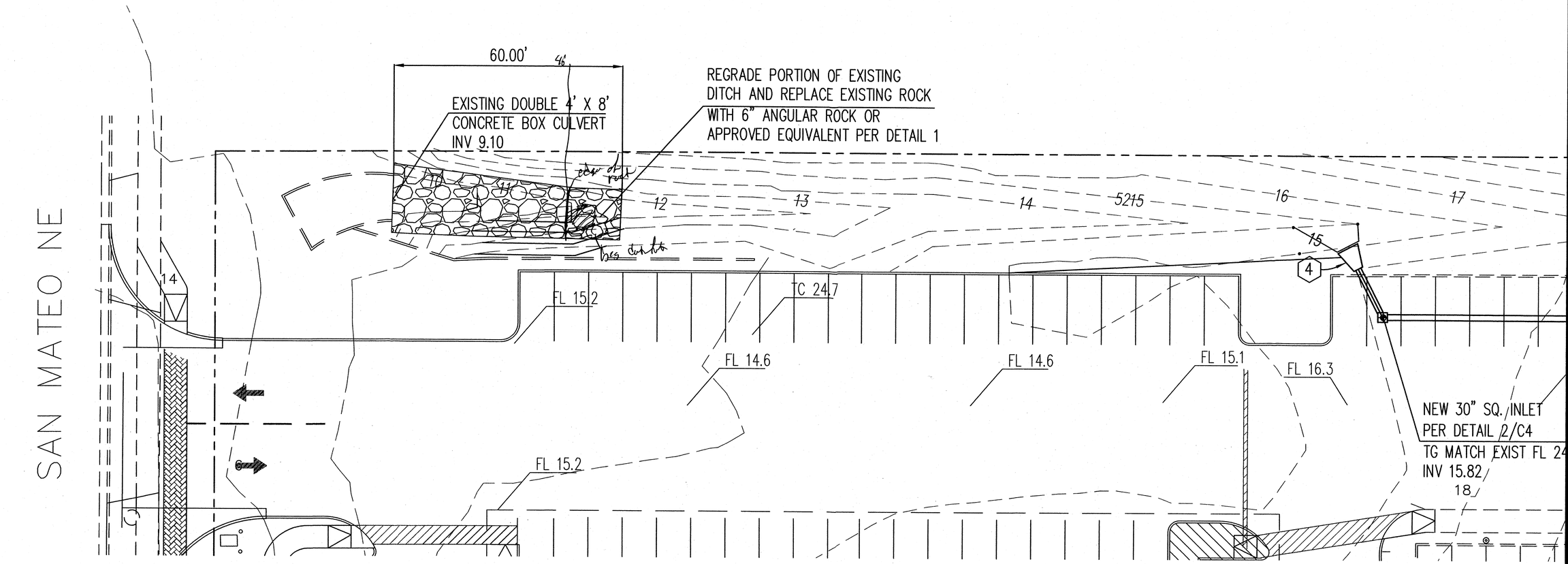
GRADING PLAN

LAWRENCE D. READ NEW MEXICO 10998 LICENSED PROFESSIONAL ENGINEER

GOODWILL INDUSTRIES OF NEW MEXICO ALBUQUERQUE, NM

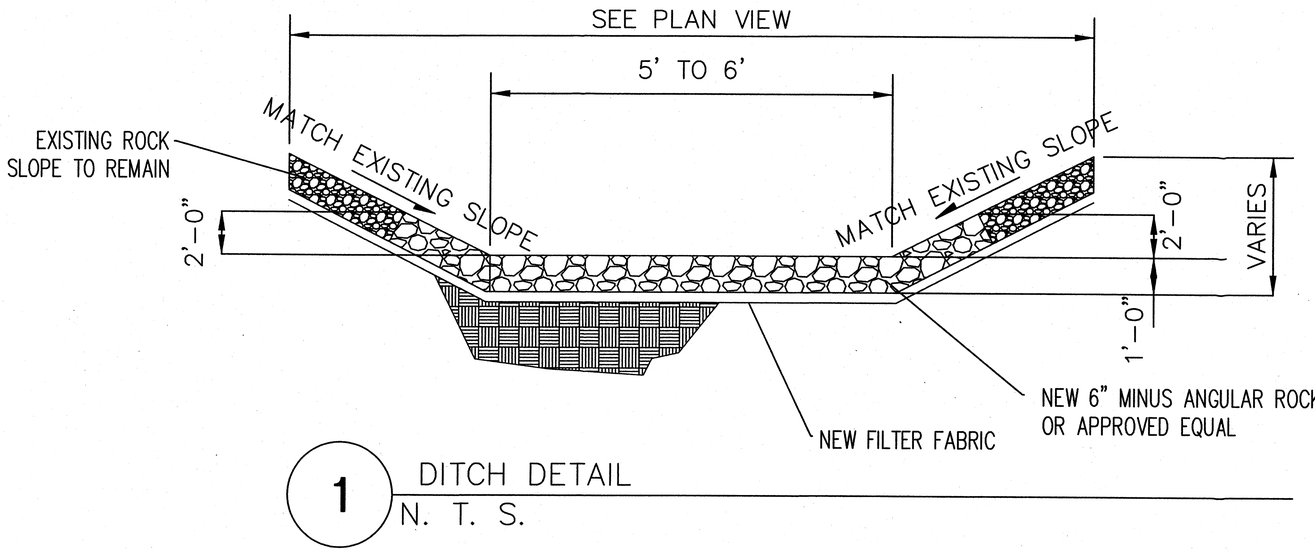
DRAWING NAME: PROTEK_PH1.DWG

SHEET C3 OF 6



NORTHWEST DITCH MODIFICATION PLAN

GRAPHIC SCALE (1 INCH = 50 FEET)



1 DITCH DETAIL
N. T. S.

DRAINAGE CERTIFICATION

8/24/09

I, Larry D. Read, NMPE 10998, of the firm Firm Larry Read & Associates, 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 7/21/09. The record information edited onto the original design document has been obtained by Larry D. Read, PE. I further certify that I have personally visited the project site on date 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 Certificate of Occupancy.

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LAWRENCE D. READ NEW MEXICO 10998 LICENSED PROFESSIONAL ENGINEER

RECEIVED
AUG 26 2009
HYDROLOGY SECTION

LARRY READ & ASSOCIATES
Civil Engineers
2430 Midtown Place, NE Suite C
Albuquerque, New Mexico 87107
(505) 237-8421 Fax (505) 237-8422

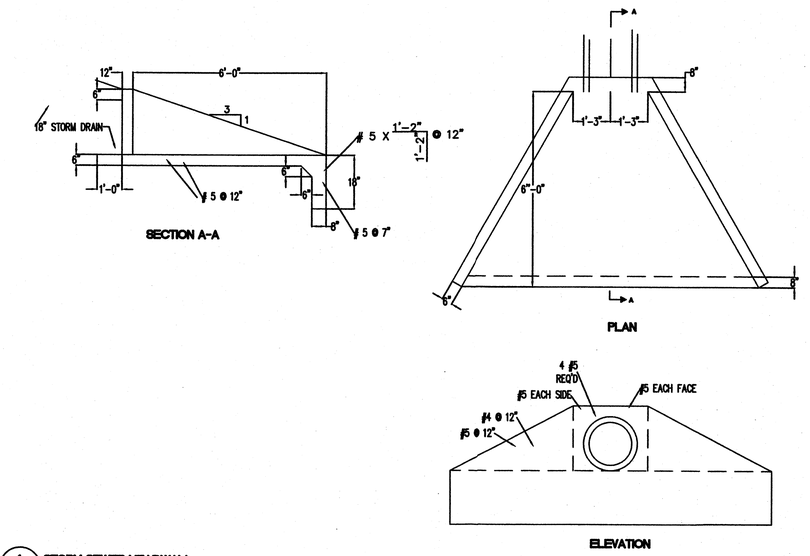
NO.	DATE	DESCRIPTION
1		
2		
3		
4		

GRADING AND DRAINAGE
DITCH MODIFICATIONS

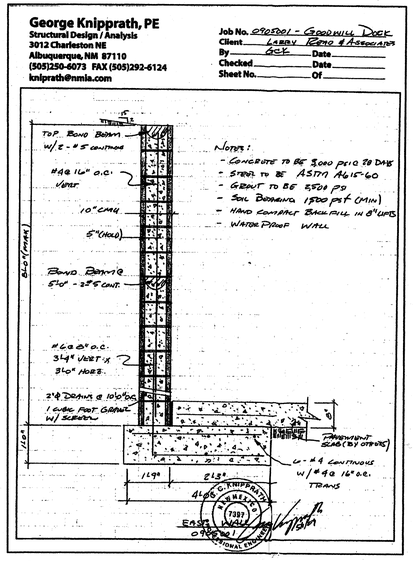
GOODWILL INDUSTRIES
OF NEW MEXICO
ALBUQUERQUE, NM

DRAWING NAME: GOODWILL DITCH.DWG

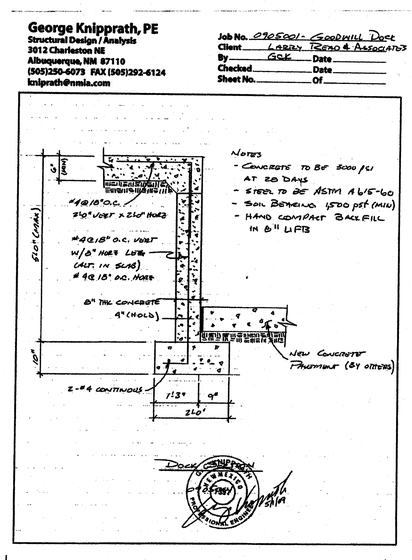
SHEET C4 OF 5



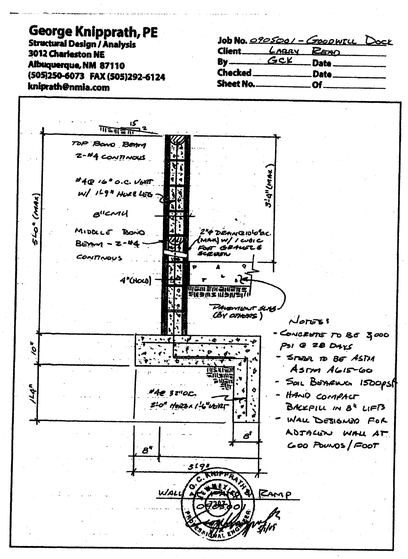
1 STORM SEWER HEADWALL
N. T. S.



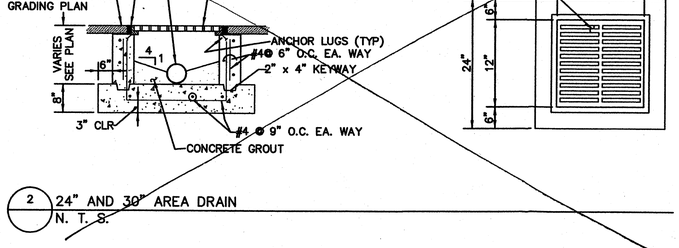
3 EAST WALL
N. T. S.



4 DOCK WALL
N. T. S.

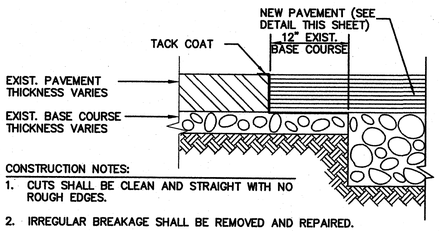


5 PATIO AND RAMP WALL
N. T. S.

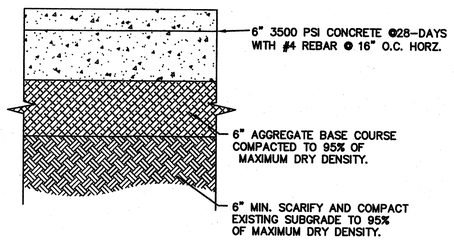


2 24" AND 30" AREA DRAIN
N. T. S.

USED PREFAB 24" ø INLETS.



7 PAVEMENT CUT AND PATCH DETAIL
N. T. S.



6 CONCRETE PAVING SECTION
N. T. S.

8/24/09

DRAINAGE CERTIFICATION

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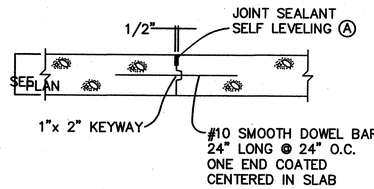
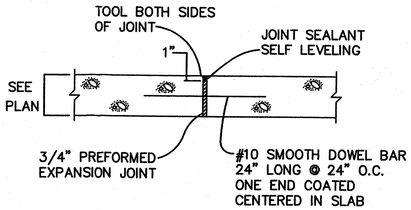
LAWRENCE D. READ NEW MEXICO 10998 LICENSED PROFESSIONAL ENGINEER
8/25/09

Ⓐ 1" DEEP FOR 4" THICK CONCRETE
1 1/2" DEEP FOR 6" THICK CONCRETE
2" DEEP FOR 8" THICK CONCRETE

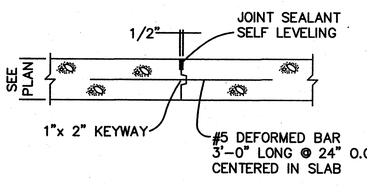


TRANSVERSE CONSTRUCTION JOINT
3/4"=1'-0"
CIVIL90C



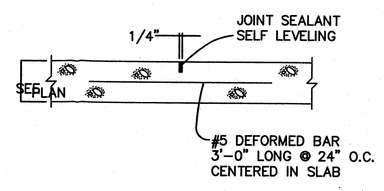
EXPANSION JOINT
3/4"=1'-0"
CIVIL90D

Ⓐ 1" DEEP FOR 4" THICK CONCRETE
1 1/2" DEEP FOR 6" THICK CONCRETE
2" DEEP FOR 8" THICK CONCRETE



LONGITUDINAL CONSTRUCTION JOINT
3/4"=1'-0"
CIVIL90A

Ⓐ 1" DEEP FOR 4" THICK CONCRETE
1 1/2" DEEP FOR 6" THICK CONCRETE
2" DEEP FOR 8" THICK CONCRETE



SAWED CONSTRUCTION JOINT
CIVIL90B

RECEIVED
AUG 26 2009
HYDROLOGY SECTION

LARRY READ & ASSOCIATES
Civil Engineers
2430 Midtown Place, NE Suite C
Albuquerque, New Mexico 87107
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NO.	DATE	DESCRIPTION
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DETAILS

LAWRENCE D. READ NEW MEXICO 10998 LICENSED PROFESSIONAL ENGINEER
8/25/09

GOODWILL INDUSTRIES OF NEW MEXICO ALBUQUERQUE, NM

DRAWING NAME: PROTEK_PH1.DWG

SHEET C5 OF 6

ADMINISTRATIVE AMENDMENT
File #0944/1004 Project # 100368
Revised truck docks and drainage system.
Russell Britt 05 Aug '09
APPROVED BY DATE

CHANNEL REPAIR PER HYDROLOGY REVIEW

5000 San Mateo Blvd NE

San Mateo Blvd.

NEW ASPHALT

EXISTING ASPHALT TO REMAIN

POSSIBLE FUTURE BLDG. SITE

NO WORK REQUIRED AT THIS TIME, EXISTING ASPHALT TO REMAIN. ALL IMPROVEMENTS SHOWN WITHIN HATCHED AREA INCLUDING CURBS & STRIPING ARE TO GUIDE FUTURE DEVELOPMENT ONLY

EXISTING SONIC DRIVE-IN

EXISTING ENTERPRISE RENT A CAR

BUS STOP

EXISTING BUILDING TO REMAIN UNCHANGED

GOODWILL INDUSTRIES OF NEW MEXICO BUILDING TO BE REMODELED

EXISTING WATER WELL AND WELL HOUSE TO BE REMOVED

PROPOSED SITE MODIFICATION REMOVE EXISTING DOCK AND CONSTRUCT UPDATED DOCKS WITH LEVELERS

CONTROLLED GATE

DONATIONS DROP-OFF

CLIENT ENTRANCE

PASSENGER LOAD/UNLOAD

OUTDOOR BREAK AREA

VAN TURN-AROUND

VAN WAITING AREA

21 SPACES @ 9'-0" EA. = 189'-0"
20 SPACES @ 9'-0" EA. = 180'-0"
7 SPACES @ 25'-0" EA. = 175'-0"
15 SPACES @ 9'-0" EA. = 135'-0"
5 SPACES @ 25'-0" EA. = 125'-0"
17 SPACES @ 9'-0" EA. = 153'-0"
19 SPACES @ 9'-0" EA. = 171'-0"
24 SPACES @ 9'-0" EA. = 216'-0"
6 SPACES @ 9'-0" EA. = 54'-0"
1 SPACE @ 9'-0" EA. = 27'-0"

Keyed Notes

1. EXISTING LIGHT BASE TO REMAIN
2. EXISTING LIGHT BASE TO BE REMOVED
3. EXISTING FIRE HYDRANT TO REMAIN
4. EXISTING FIRE HYDRANT TO BE RELOCATED AS SHOWN
5. EXISTING REFUSE CONTAINER ENCLOSURE TO BE REMOVED. NEW R.C.E. PER DETAIL 7/C1
6. ACCESSIBLE CROSSWALK w/ STAMPED CONCRETE PAVING; PER DETAIL 6/C1– PATTERN T.B.D.
7. PAINTED STRIPES, 4" WIDE
8. FUTURE MONUMENT SIGN
9. NEW GREASE TANK ENCLOSURE – MATCH EXISTING REFUSE ENCLOSURE WALLS
10. RELOCATE GREASE TANK INTO NEW GREASE TANK ENCLOSURE
11. STOP SIGN
12. CONCRETE BOLLARDS TO BE REMOVED
13. SPEED BUMP w/ ANGLED STRIPING
14. NEW CONCRETE SIDEWALK
15. NEW CONCRETE SIDEWALK, LEVELED w/ ASPHALT
16. PAINTED ARROW
17. INSTALL BOLLARDS, SIM. TO DETAIL 7/C1
18. NEW LIGHT POLE/CONC. BASE, PER DETAIL 8/C1
19. HANDICAP/ VAN ACCESSIBLE SIGNAGE PER DETAIL 3/C1
20. HC ACCESSIBLE SIGNAGE, SIMILAR TO DETAIL 3–C1 WITH NO "VAN ACCESSIBLE" LETTERING
21. PARKING BUMPER, PER DETAIL 2/C1
22. NEW SIGN – SEE DETAILS 1, 2 AND 3; SHEET A–7
23. NEW 3'x6' PEDESTRIAN CHAIN LINK GATE – SEE ELEVATION B, THIS SHEET
24. NEW 6' HIGH CHAIN LINK VEHICULAR GATE – SEE ELEVATION B, THIS SHEET

Legend

EXISTING CURB TO REMAIN — LANDSCAPE
NEW CURB LINE — PAINTED ARROW
EXISTING FENCE TO REMAIN — ARROW FOR REFERENCE ONLY

General Note / Landscaping

LANDSCAPING INDICATED IS SCHEMATIC ONLY. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE ARCHITECT & OWNER'S REVIEW PRIOR TO INITIATING CONSTRUCTION.
THE DRAWINGS SHALL INDICATE ALL TREES AND OTHER PLANT MATERIAL, ANY OTHER GROUND COVER AND ESSENTIAL IRRIGATION INFORMATION MEETING CURRENT CITY OF ALBUQUERQUE ORDINANCES.

12" HEADER WALL FOR OFFSITE DRAINAGE PROTECTION

Proposed Site Plan

1" = 30'

1 Accessible Parking Detail — SLOPE NOT TO EXCEED 1:50 IN ANY DIRECTION 1" = 10'

2 Parking Bumper w/ Accessible Sidewalk — N.T.S.

3 Handicap/Van Accessible Signage — N.T.S.

4 Detail at Curbs Without Gutter — N.T.S.

5 Detail at Curbs Without Gutter — N.T.S.

6 Detail at Accessible Crosswalk — N.T.S.

B Elevation att South Gate — FENCE MATERIAL SHALL BE #9 GALVANIZED CHAIN LINK w/ 2" MESH — 1/4" = 1'-0"

7 Refuse Container Enclosure — N.T.S.

A Elevation & Section at Refuse Container — N.T.S.

8 Light Pole Mount Detail — N.T.S.

9 Bike Rack (7 Bikes) - Typ. of 2 — REFER TO SHEET A–2 FOR LOCATIONS — N.T.S.

14 November 2003

STATE OF NEW MEXICO — JOHN A. BRISCOE — NO. 2308 — REGISTERED ARCHITECT

Briscoe Architects, p.c.
ARCHITECTURAL SERVICES FOR THE COMMERCIAL DEVELOPMENT COMMUNITY
4100 MENAUL BLVD. NE, SUITE 2B
ALBUQUERQUE, NM 87110-5224
V: 505.262.0193 F: 505.881.9114 E: briscoe@msn.com

Goodwill - San Mateo
Renovation Plan
5000 San Mateo, NE
Albuquerque, NM

SHEET NO. C1

RECEIVED
SEP 21 2009
HYDROLOGY SECTION

LARRY READ & ASSOCIATES
Civil Engineers
2430 Midtown Place, NE Suite C
Albuquerque, New Mexico 87107
(305) 237-8421 Fax (505) 237-8422

NO.	DATE	REVISIONS DESCRIPTION
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2		
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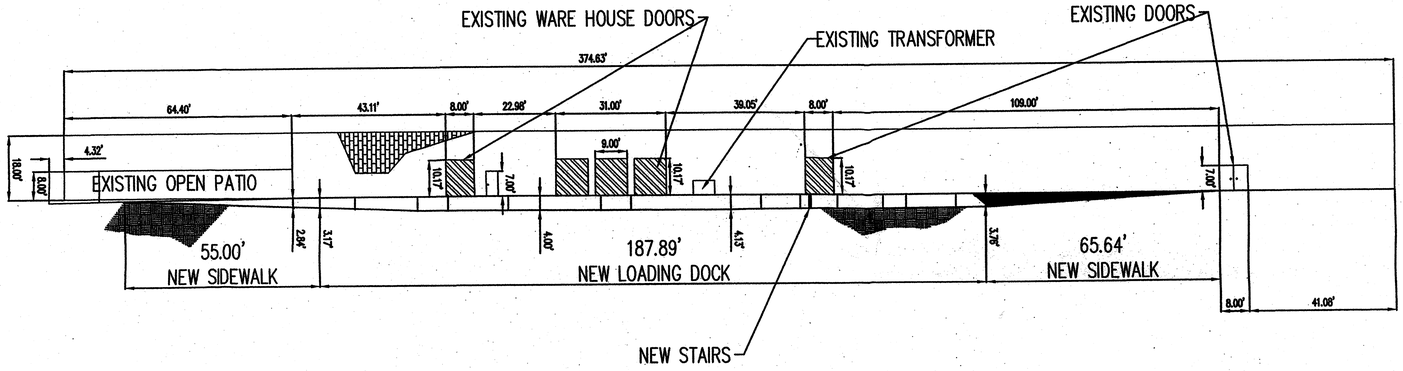
4		

SITE PLAN FOR ADMINISTRATIVE AMENDMENT

GOODWILL INDUSTRIES OF NEW MEXICO ALBUQUERQUE, NM

DRAWING NAME: PROTEK_PH1.DWG

SHEET L1 OF 7



EXISTING EAST ELEVATION WITH NEW LOADING DOCK

APPROVED FOR ROUGH GRADING

APPROVED FOR ROUGH GRADING DATE

GRAPHIC SCALE (1 INCH = 20 FEET)

RECEIVED
SEP 21 2009
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Albuquerque, New Mexico 87107
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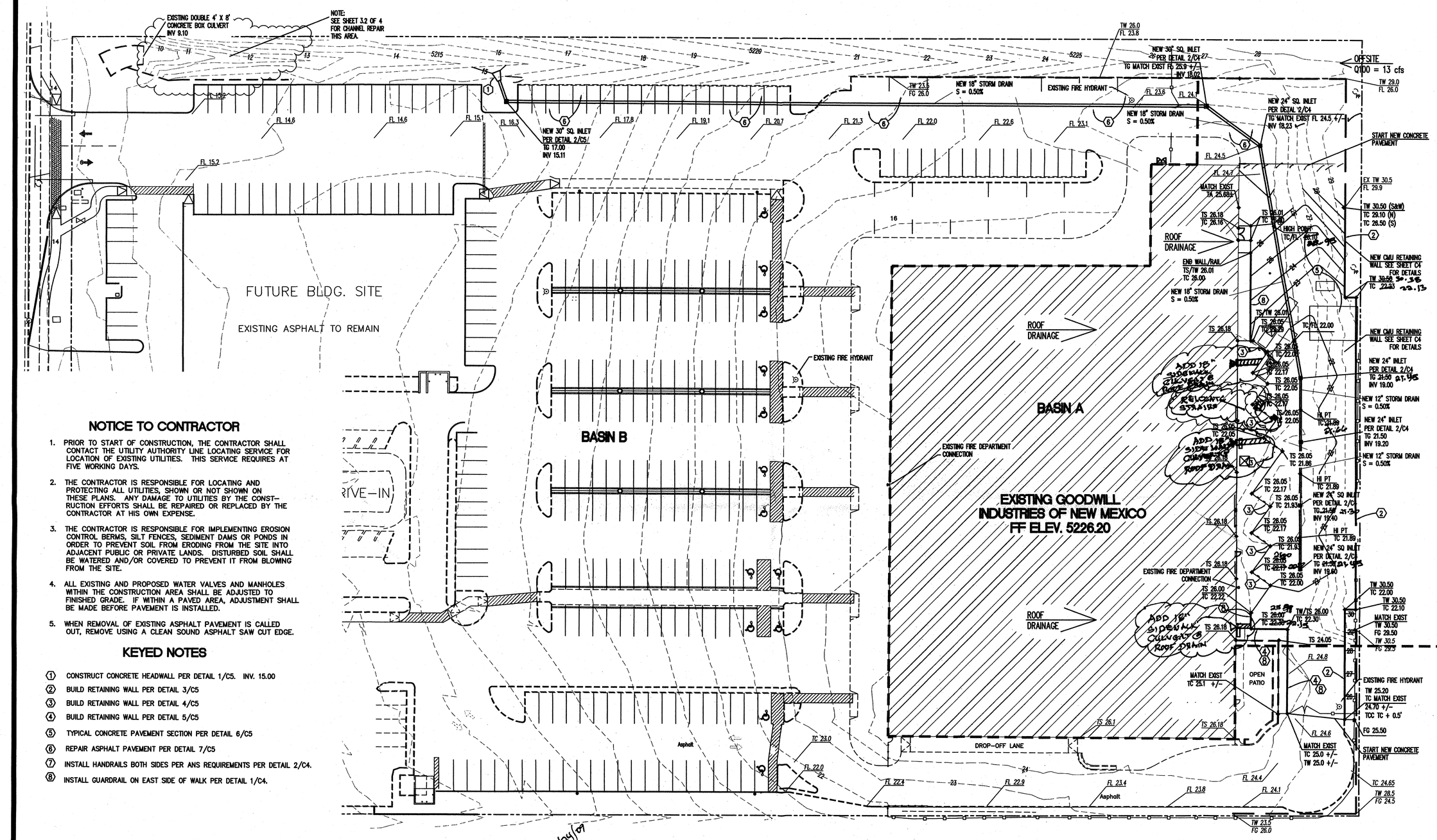
EXISTING BUILDING AND NEW LOADING DOCK ELEVATIONS

GOODWILL INDUSTRIES OF NEW MEXICO ALBUQUERQUE, NM

DRAWING NAME: PROTEK_PH1.DWG

SHEET C4.2 OF 4



NOTICE TO CONTRACTOR

1. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY AUTHORITY LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES. THIS SERVICE REQUIRES AT FIVE WORKING DAYS.
2. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS. ANY DAMAGE TO UTILITIES BY THE CONST-RUCTION EFFORTS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
3. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING EROSION CONTROL BERMS, SILT FENCES, SEDIMENT DAMS OR PONDS IN ORDER TO PREVENT SOIL FROM ERODING FROM THE SITE INTO ADJACENT PUBLIC OR PRIVATE LANDS. DISTURBED SOIL SHALL BE WATERED AND/OR COVERED TO PREVENT IT FROM BLOWING FROM THE SITE.
4. ALL EXISTING AND PROPOSED WATER VALVES AND MANHOLES WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED GRADE. IF WITHIN A PAVED AREA, ADJUSTMENT SHALL BE MADE BEFORE PAVEMENT IS INSTALLED.
5. WHEN REMOVAL OF EXISTING ASPHALT PAVEMENT IS CALLED OUT, REMOVE USING A CLEAN SOUND ASPHALT SAW CUT EDGE.

KEYED NOTES

1. CONSTRUCT CONCRETE HEADWALL PER DETAIL 1/C5. INV. 15.00
2. BUILD RETAINING WALL PER DETAIL 3/C5
3. BUILD RETAINING WALL PER DETAIL 4/C5
4. BUILD RETAINING WALL PER DETAIL 5/C5
5. TYPICAL CONCRETE PAVEMENT SECTION PER DETAIL 6/C5
6. REPAIR ASPHALT PAVEMENT PER DETAIL 7/C5
7. INSTALL HANDRAILS BOTH SIDES PER ANS REQUIREMENTS PER DETAIL 2/C4.
8. INSTALL GUARDRAIL ON EAST SIDE OF WALK PER DETAIL 1/C4.

GRADING PLAN

DRAINAGE CERTIFICATION

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8/24/09

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BUILDING DATA:
TOTAL SQUARE FOOTAGE 72,150sf
CONSTRUCTION YTPE II-N
FULLY SPRINKLED
SINGLE STORY

GRAPHIC SCALE (1 INCH = 30 FEET)

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DRAWING NAME: PROTEK_PH1.DWG

SHEET C3 OF 6