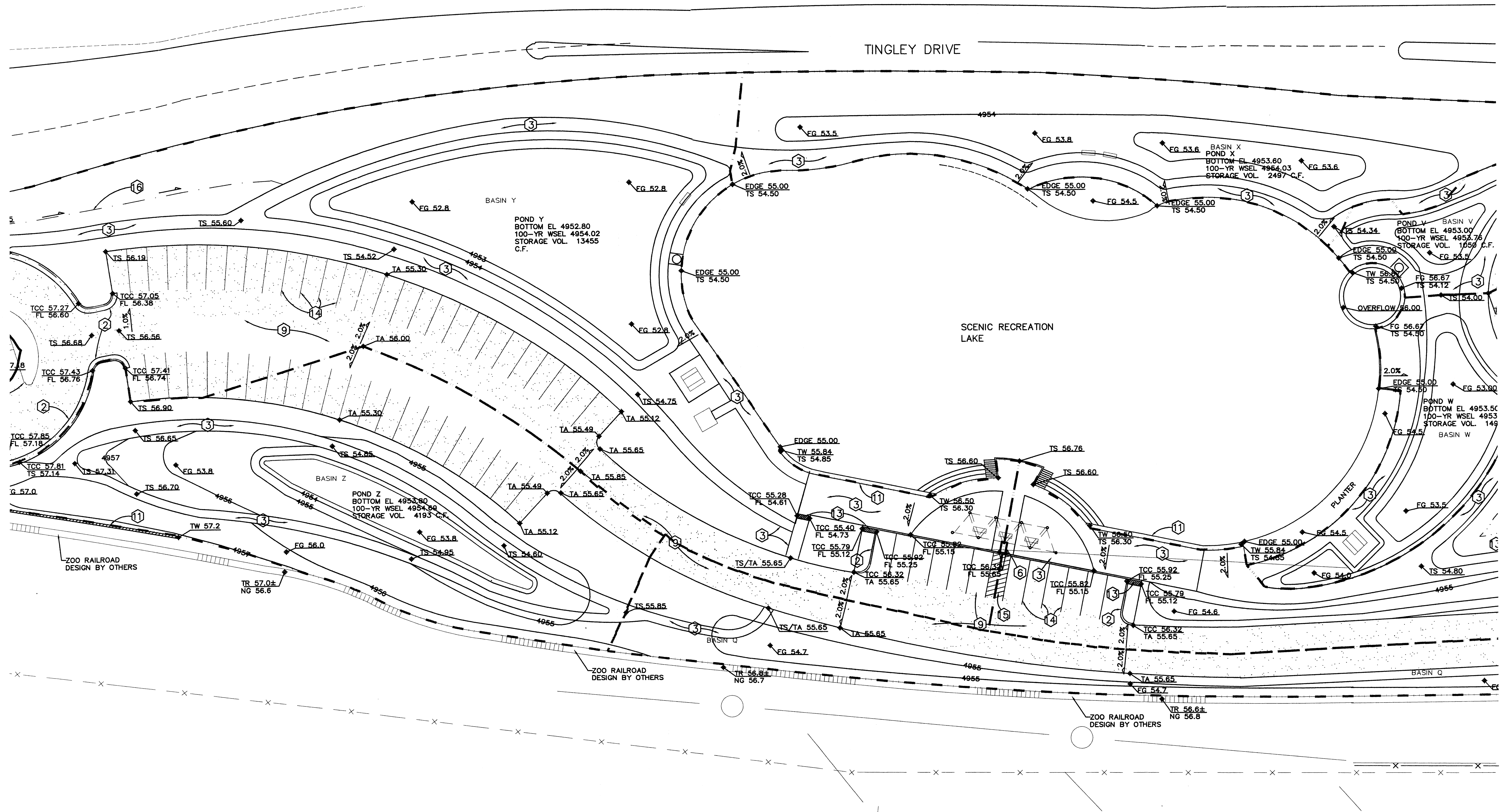
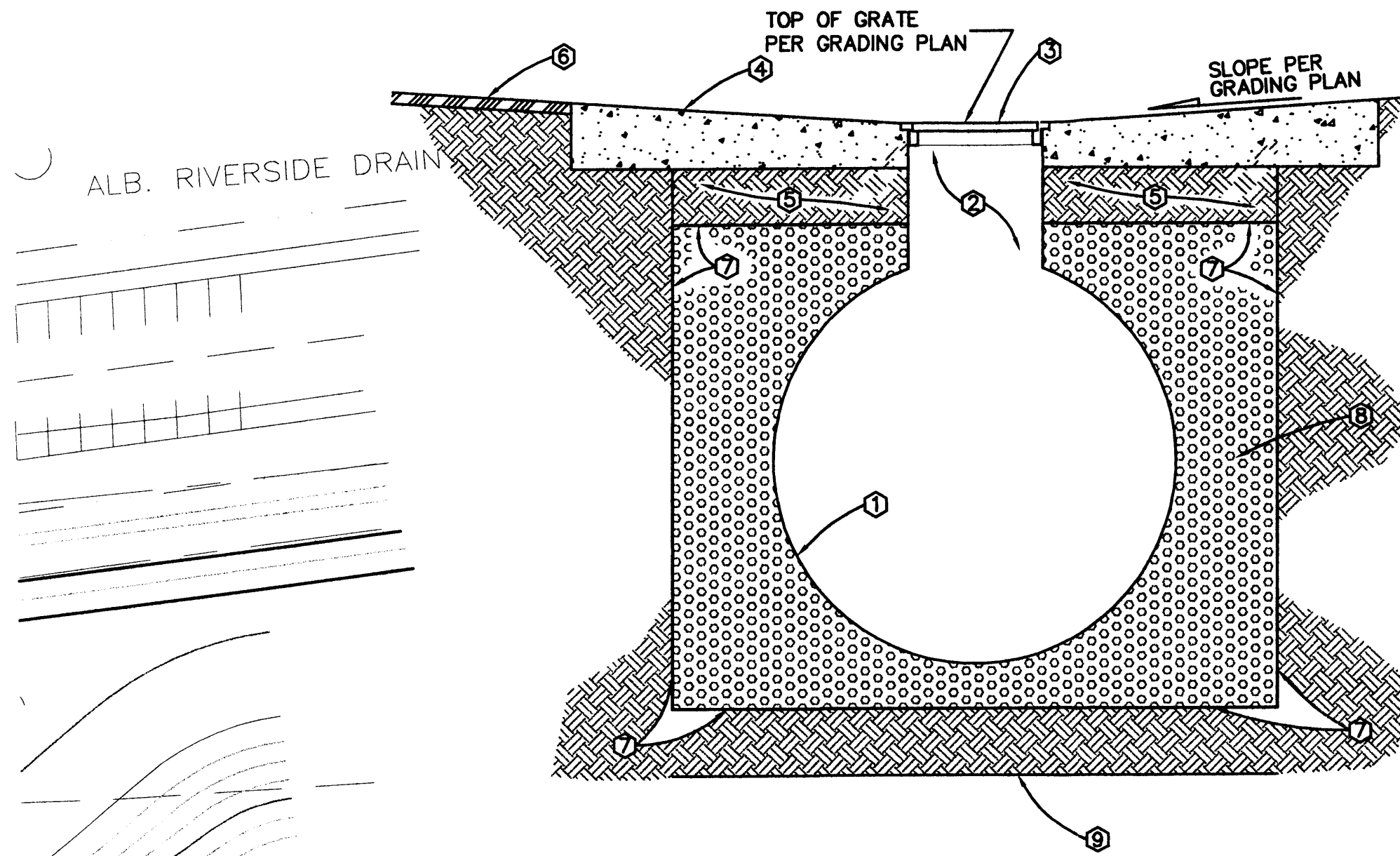


GRADING PLAN
1" = 20'-0"

DRAWN BY:	LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING GRADING PLAN
DESIGN BY:	LRA	
CHECKED BY:	LRA	
DATE:	12/22/04	
		DCA ARCHITECTS ARCHITECTS PLANNERS LANDSCAPE ARCHITECTS 416 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87103 TEL(505)266-6466 FAX(505)266-6466
		SHEET C3 202108



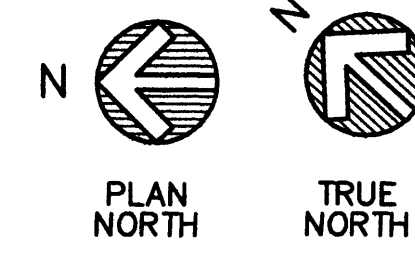
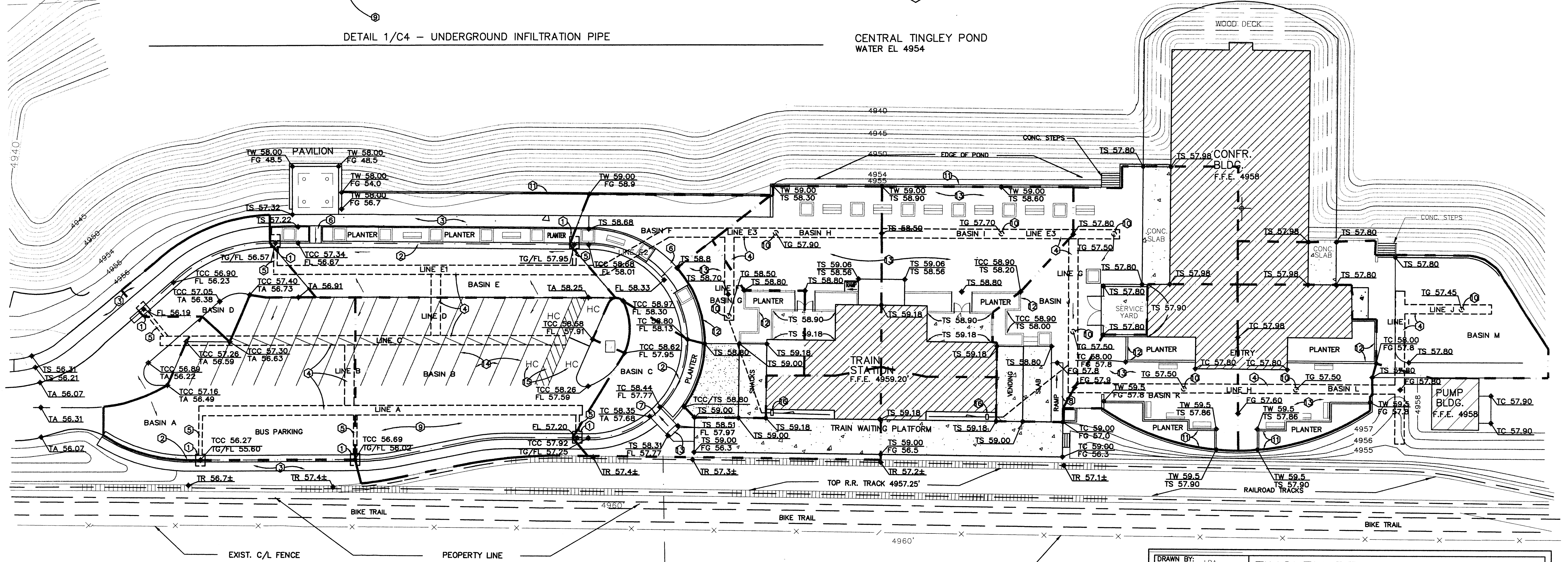
DETAIL 1/C4 - UNDERGROUND INFILTRATION PIPE

KEYED NOTES

- 60" DIAMETER, 16 GAGE, ALUMINIZED STEEL, PERFORATED PIPE, TYPE II AS MANUFACTURED BY AK STEEL WITH BULKHEADS ON EACH END AND 2 - 2' DIA. X 90° ELBOWS INSTALLED BY PIPE MANUFACTURER. JOINTS SHALL BE MADE WITH 18 GAGE HUGGER BANDS WITH 14 GAGE BACKERS WITH DOUBLE BAR BOLTS AND STRAPS.
- 2' DIA. CORRUGATED RISER FOR AREA INLET. SEE GRADING PLAN FOR LOCATION OF RISERS.
- NEENAH R-5901-E FRAME AND GRATE FOR CMP PIPES. FRAME SHALL BE DRILLED AND BOLTED TO CMP.
- 12' SQUARE COLLAR, 8" MIN. THICK WITH # 5 REBARS @ 12" ON CENTER ALL DIRECTIONS. REBAR SHALL BE CENTERED 4" BELOW GRATE SURFACE.
- 10" THICK NATIVE SOIL COMPACTED TO 95% MOD. PROCTOR.
- PAVEMENT BEYOND PER SITE PLAN.
- NON-WOVEN FILTER FABRIC, CONTECH C-40NW, 4 OZ. PER SQUARE YARD WITH A MINIMUM RATED WATER FLOW RATE OF 120 GPM/SQUARE FOOT.
- AGGREGATE GRAVEL FILTER MATERIAL, 3/4" TO 1-1/2" CRUSHED AND WASHED GRAVEL. INSTALL IN 8" LIFTS WITH EACH LIFT COMPACTED TO 90% MIN MODIFIED PROCTOR
- NATIVE SOIL COMPACTED TO 95% MIN. MODIFIED PROCTOR.

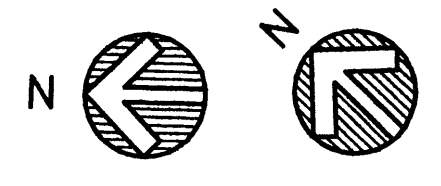
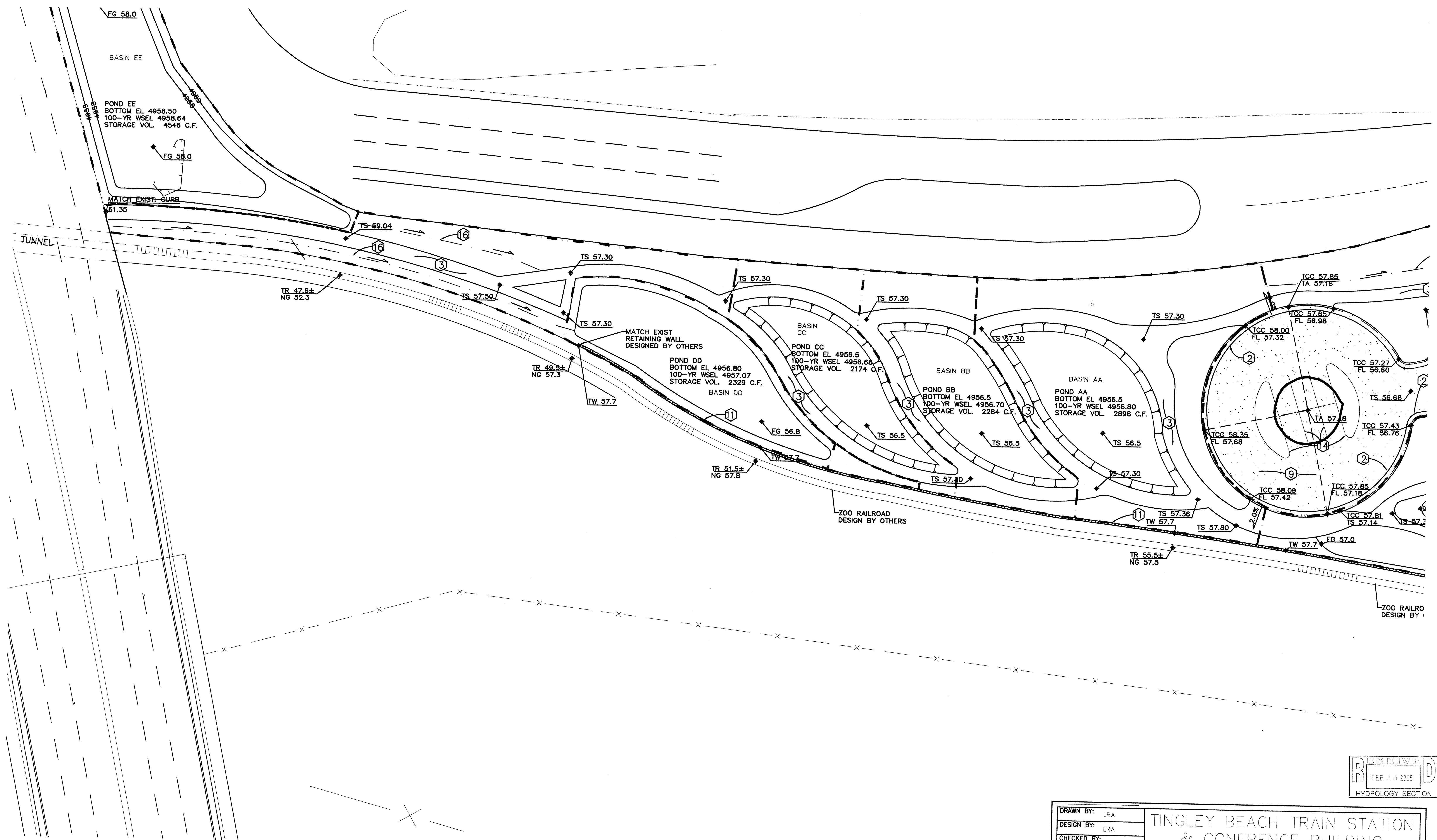
KEYED NOTES:

- COA STORM INLET PER COA STD DWG 2201
- COA STANDARD CURB AND GUTTER PER COA STD DWG 2415.
- NEW' CONC SIDEWALK PER COA STD DWG 2430. PER ARCHITECTUAL DWG. FOR WIDTH
- 5' DIA. STORM DRAIN, PERFORATED CMP SEE DETAIL 1/C4
- 18' STORM DRAIN, CMP
- WHEEL CHAIR RAMP PER COA STND DWG 2426.
- 6' UNIDIRECTIONAL WHEEL CHAIR RAMP WITH CURB AND HANDRAIL PER ARCHITECTUAL DWG, 1:12 MAX. SLOPE
- 5' UNIDIRECTIONAL WHEEL CHAIR RAMP WITH CURB AND HANDRAIL PER ARCHITECTUAL DWG, 1:12 MAX. SLOPE
- ASPHALT PAVING.
- 2' DIA GRATE ON 5' DIA CMP RISER
- KEYSTONE BLOCK RETAINING WALL, SEE STRUCTUREL DETAILS
- HEADER CURB FOR PLANTER
- 24' SIDEWALK CULVERT PER COA STD DWG. 2236
- PARKING LOT STRIPPING (TYP.)
- ADA STRIPPING
- LANDSCAPE DRAIN WITH 4" PVC DRAIN

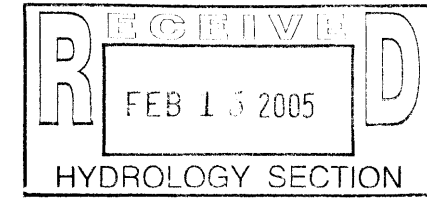


GRADING PLAN
1" = 20'-0"

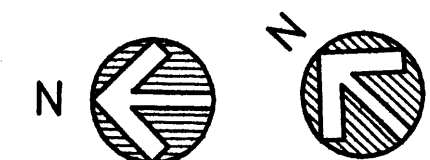
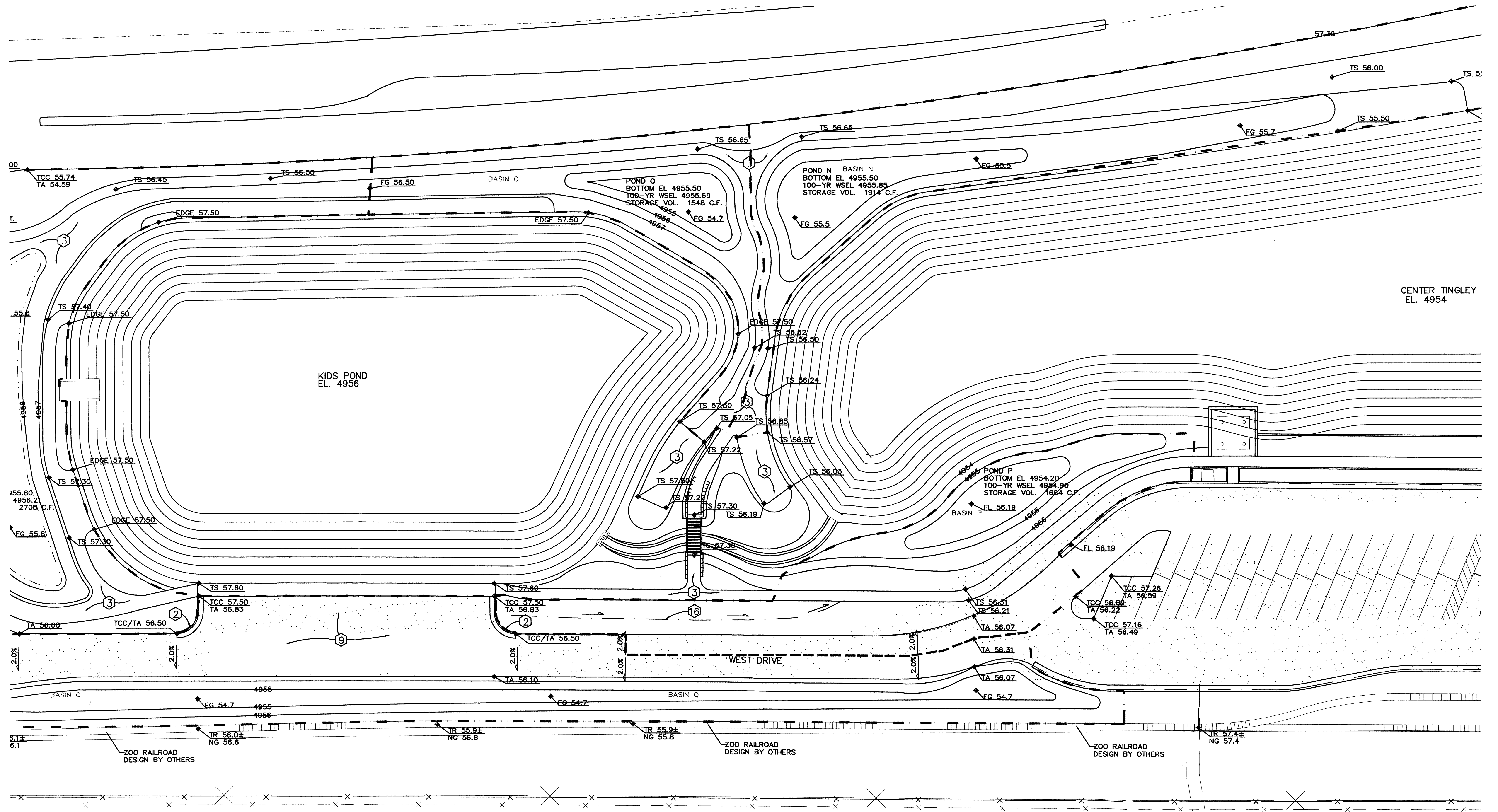
DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING GRADING PLAN 6 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108 TEL(505)266-6466 FAX(505)266-6466
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	
SHEET C41 202108	



GRADING PLAN
1" = 20'-0"

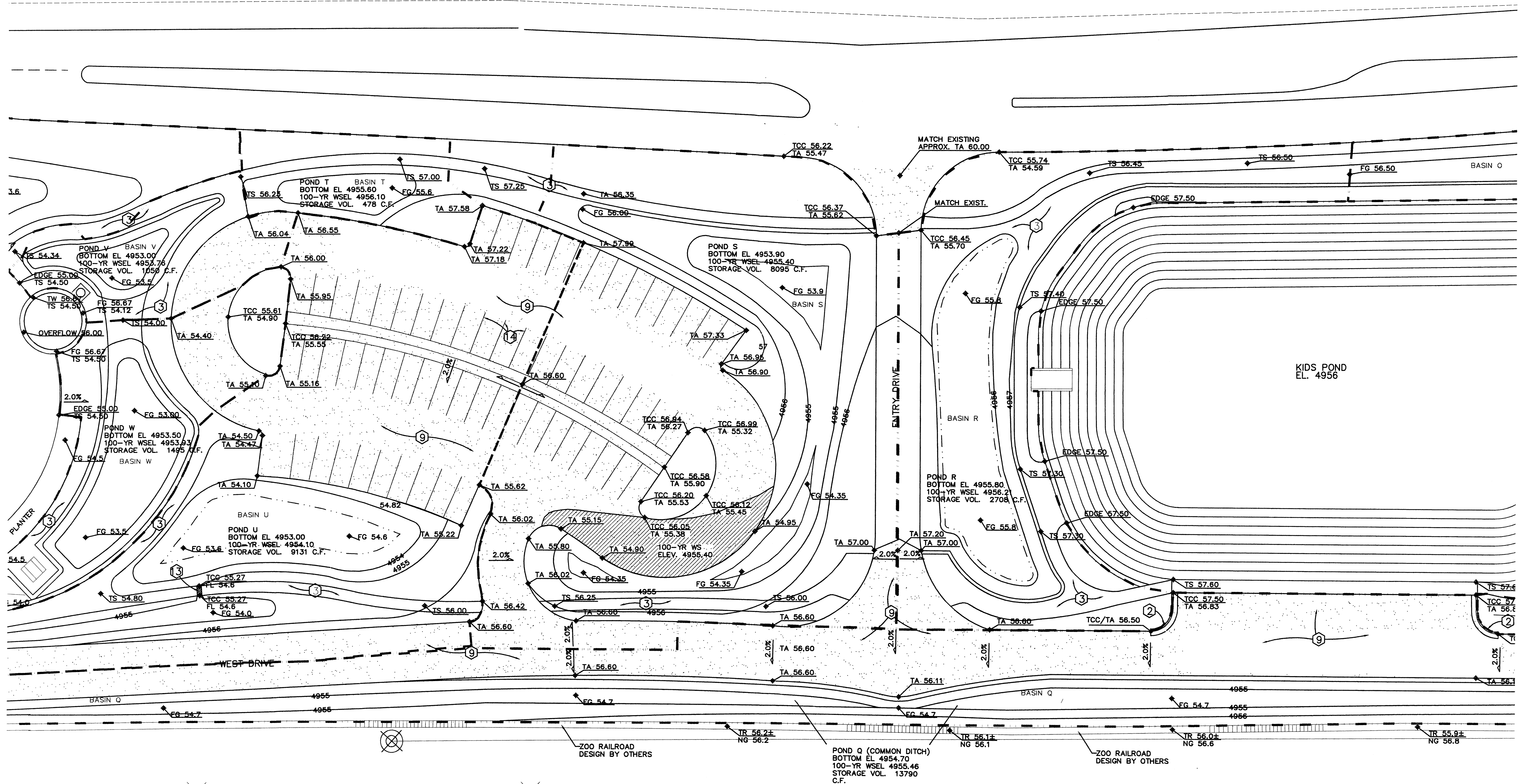


DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING GRADING PLAN
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	
DCA ARCHITECTS 46 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108 TEL(505)266-6466 FAX(505)266-6466	
SHEET C2 202108	



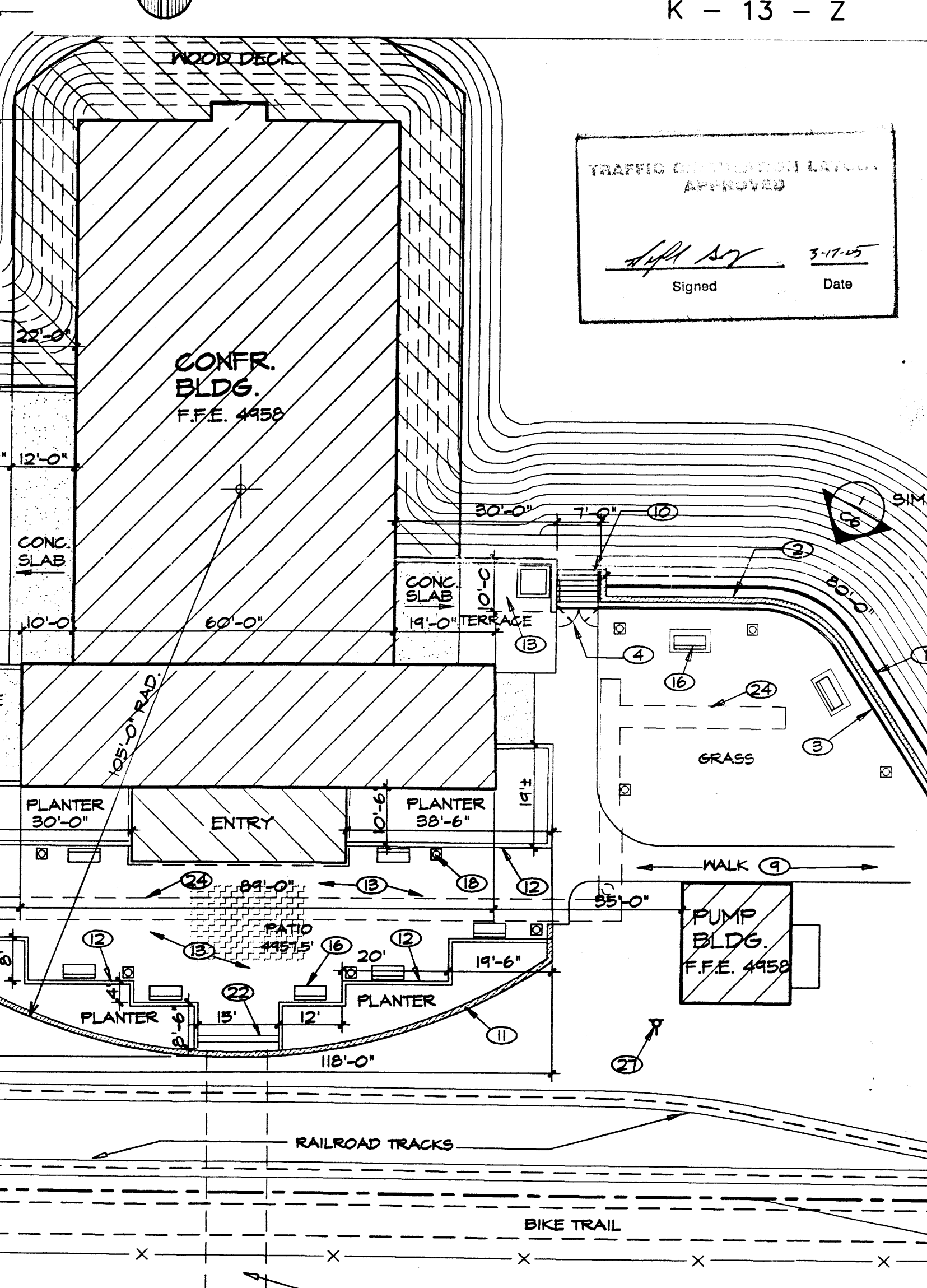
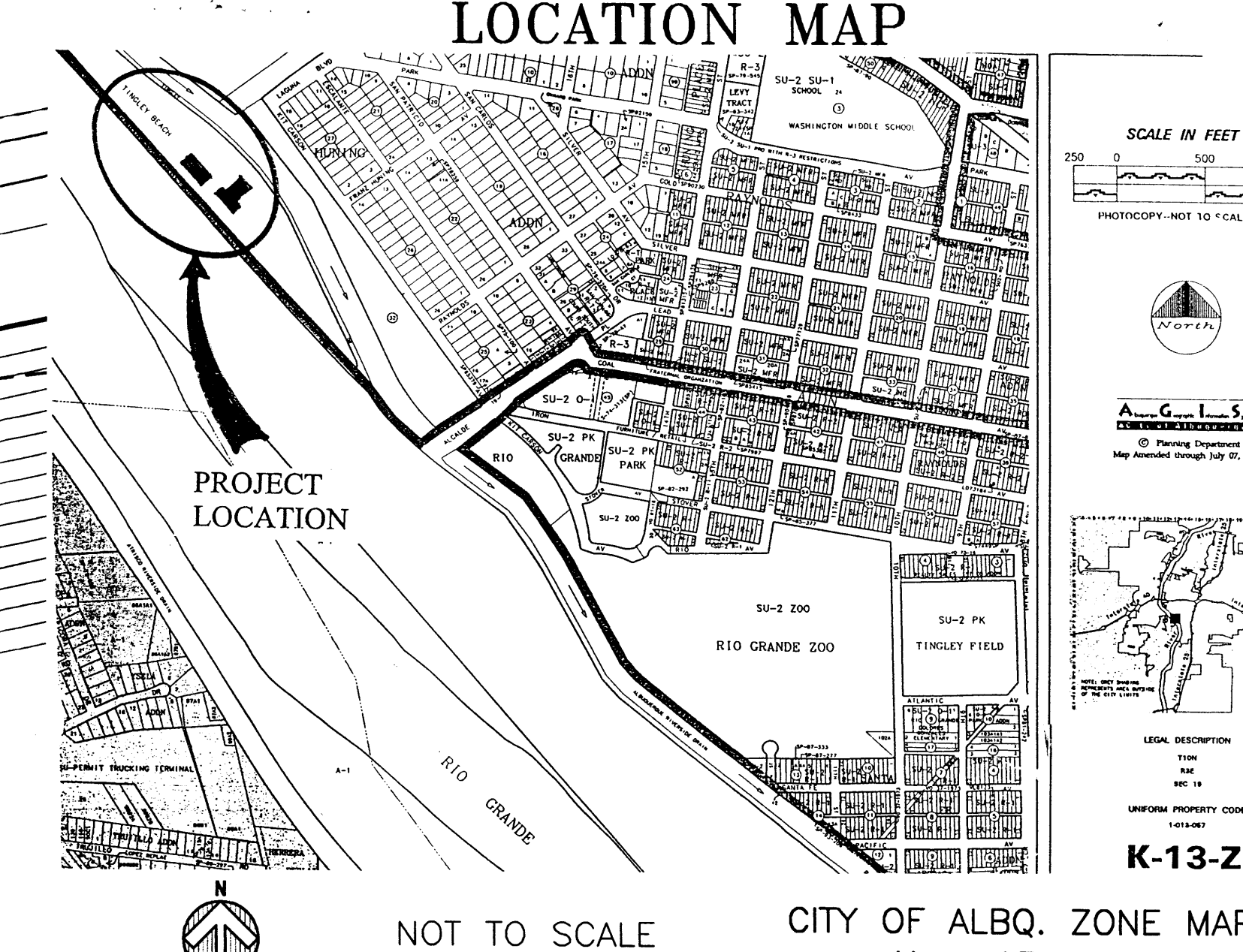
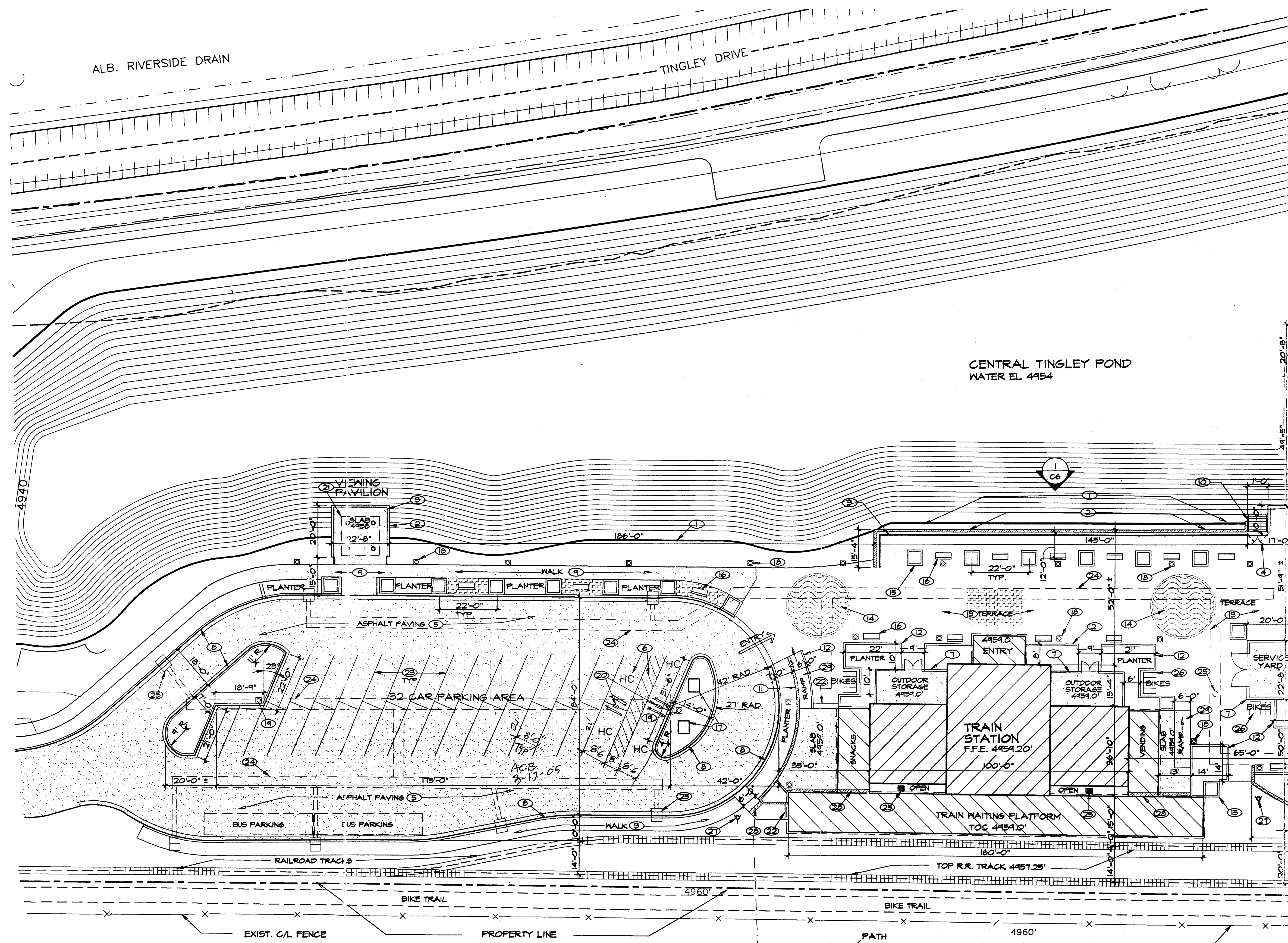
GRADING PLAN
1" = 20'-0"

DRAWN BY:	LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING
DESIGN BY:	LRA	
CHECKED BY:	LRA	
DATE:	12/22/04	GRADING PLAN
DCA ARCHITECTS ARCHITECTS PLANNERS LANDSCAPE ARCHITECTS 66 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87102 TEL(505)266-6466 FAX(505)266-6466		SHEET C5.1 202108



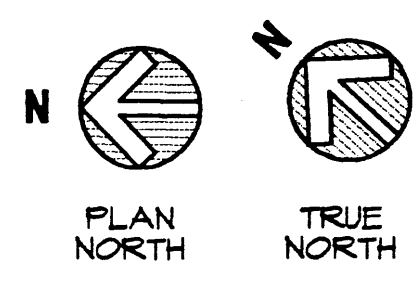
GRADING PLAN
1" = 20'-0"

DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING GRADING PLAN DCA ARCHITECTS ARCHITECTS PLANNERS LANDSCAPE ARCHITECTS 146 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108 TEL(505)266-6466 FAX(505)266-6466
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	
SHEET C5 202108	

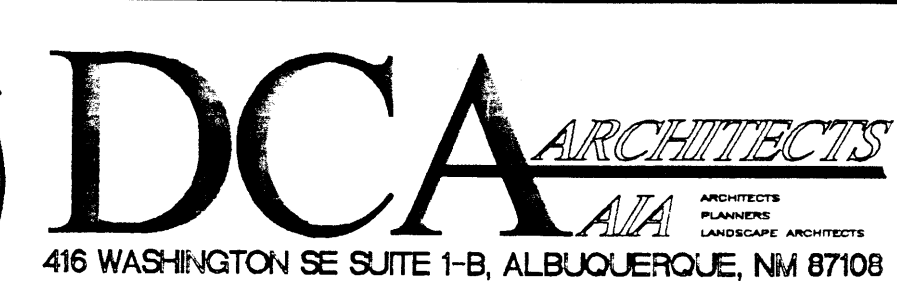


KEYED NOTES

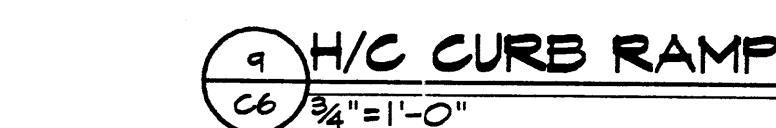
1. EDGE OF POND - SEE CORP OF ENGRS. POND DWGS.
2. "ANCHOR" UNIT MASONRY RETAINING WALL - SEE SEC. 2/C6.
3. PTD. 3'-6" PIPE GUARDRAIL W/ 3/4" PICKETS - SEE ELEV. 1/C6.
4. PTD. MATCHING PIPE GATES, COMPLETE W/ ALL HW.
5. ASPHALT PAVING - SEE DETAIL 12 & 13/C6.
6. HANDICAP PARKING W/ SYMBOLS & STRIPING PER CODE.
7. SPLIT FACE SCREEN WALL W/ STONE CAP - SEE DWG A1.
8. CITY OF ALBQ. STD. CONC. CURB & GUTTER.
9. TYP. 5'-0" CONC. WALK - SEE DETAIL 4/C6.
10. CONC. STAIRS W/ PIPE HANDRAIL - SEE DET. 3/C6.
11. HIGHLAND STONE RETAINING WALL - SEE DET. 14/C6.
12. CONC. PLANTER CURB - SEE DETAIL 5/C6.
13. TERRACE W/ RANDOM COLOR CONC. PAVERS.
14. 25'-0" DIA. DECORATIVE TILE INSET ON 4" CONC. SLAB.
15. 6" SQ. TREE WELLS W/ 6" CONC. CURB.
16. BENCH AS NOTED ON DETAIL 6/C6.
17. TRANSFORMER & SWITCH GEAR - SEE ELEC. DWGS.
18. ERA DESIGN OUTDOOR LIGHTS W/ POLE - SEE ELEC. DWGS.
19. PARKING AREA LIGHT ON CONC. PEDESTAL - SEE ELEC. DWGS.
20. DBL. FACE H.C. SIGNS - SEE DETAIL 12/C6.
21. 20 FT. SQ. PREFAB PAVILION - BY OWNER.
22. 6" HI X 12" CONC. STEP W/ SAFETY GRIT. & YELLOW STRIPING.
23. 6" YELLOW PAINTED PARKING STRIPING PER CITY STDS.
24. UNDER GROUND RETAINING PIPES - SEE DRAINAGE PLAN C4.1.
25. DRAIN INLETS - SEE DRAINAGE PLAN C4.1.
26. PIPE BIKE STANDS TYP. OF 3 - SEE STD. DETAIL.
27. FIRE HYDRANTS - SEE UTILITY PLAN P1.0.
28. PTD. CHKD PL. SIDEWALK TRENCH - SEE DET. 7/C6.
29. HANDICAP RAMP - SIMILAR DETAIL 9/C6.



SITE PLAN
1" = 20'-0"

DRAWN BY: KB		TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING ENLARGED SITE PLAN	
DESIGN BY: DCA			
CHECKED BY: ACB			
DATE: 12/21/04		 416 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108 TEL: 505.266-6466 FAX: 505.266-6466	

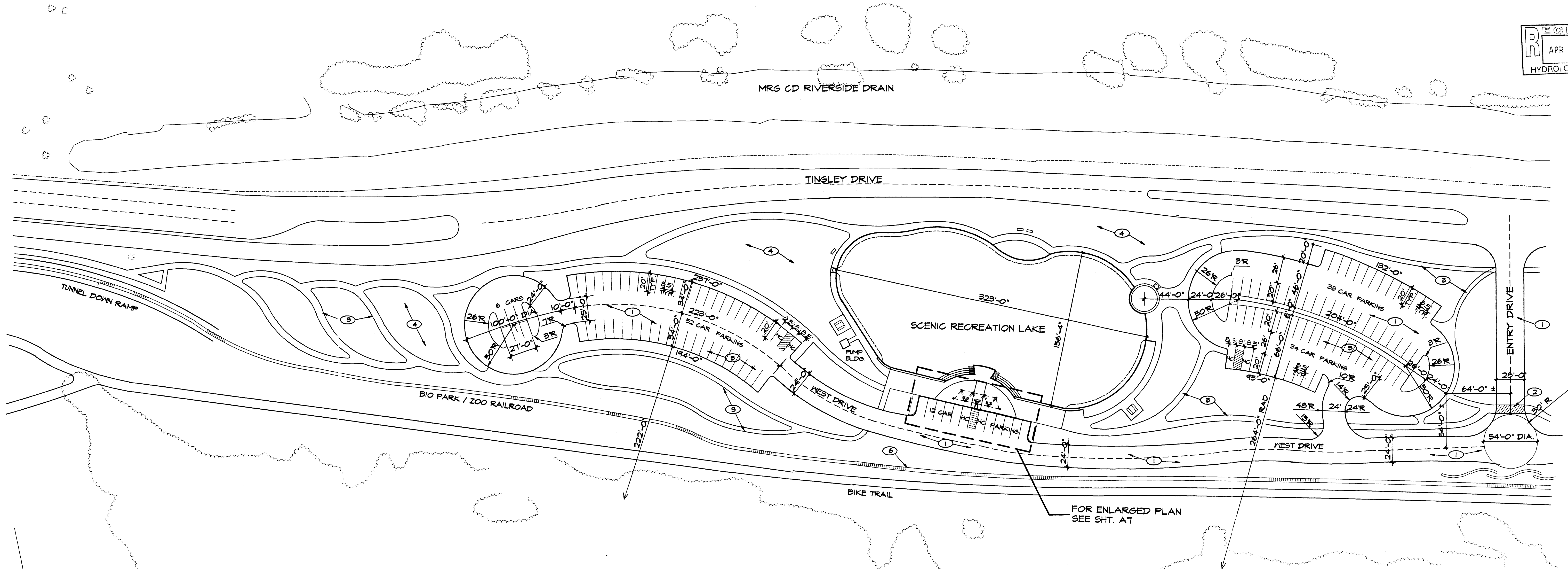
TINGLEY BEACH
TRAIN STATION



SHEET

C6

202108



- KEYED NOTES**
1. ASPHALT PAVING AS SHOWN BY KEYED NOTE 9 ON GRADING PLANS AND ATTACHED DETAILS 10 & 11/ C6
 2. 6'-0" PEDESTRAIN CROSS WALK W/ DETECTABLE SURFACE, MARKINGS & SIGNS PER CITY CODE.
 3. PAVED WALKS & PATHS, SEE LANDSCAPE PLANS.
 4. LANDSCAPED AREAS, SEE LANDSCAPE PLANS.
 5. PAINTED PARKING STRIPING PER CITY AND ADA STANDARDS
 6. LINE OF RAILROAD TRACK - NOT IN CONTRACT.

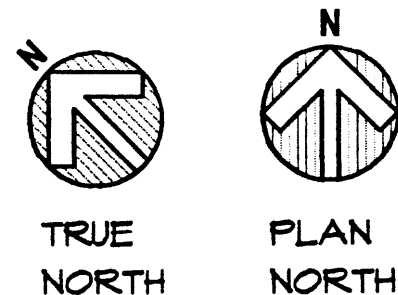
PARKING REQUIREMENTS		
BUILDING OR AREA	OCPT/SF	FAC. SPACES
CONFERENCE BUILDING	378	4 95
OUTDOOR DECK	23	4 6
TRAIN STATION	74	4 19
OUTDOOR TERRACE	6065	200 31
CENTER POND	5720	200 29
KID'S POND	1625	200 8
SCENIC REC. LAKE	45	3 15
SUB TOTAL		203
BUS DEDUCT @ 10%		-20
TRAIN DEDUCT @ 5%		-10
TOTAL SPACES REQUIRED		173
TOTAL SPACES PROVIDED		189
DISABLED PARKING SPACES REQ'D 8 ; PROVIDED 12		
VAN SPACES REQ'D 2 ; PROVIDED 10		
BICYCLE SPACES REQ'D 9 ; PROVIDED 20		

TRAFFIC CIRCULATION LAYOUT
APPROVED

[Signature] 4-15-05
Signed Date

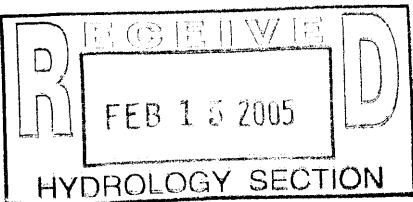
TINGLEY AQUATIC PARK PLAN

SCALE 1"=50'-0"



DRAWN BY: ACB	TINGLEY BEACH SCENIC RECREATION LAKE SITE PLAN
DESIGN BY: ACB	
CHECKED BY: DCA	
DATE: 4/06/05	
416 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108 TEL: 505/266-6465 FAX: 505/266-6465	

SHEET
C2.1
202.08



GRADING PLAN
1" = 20'-0"

DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	GRADING PLAN



416 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108
 TEL(505)266-4666 FAX(505)266-4666

DCA

ARCHITECTS

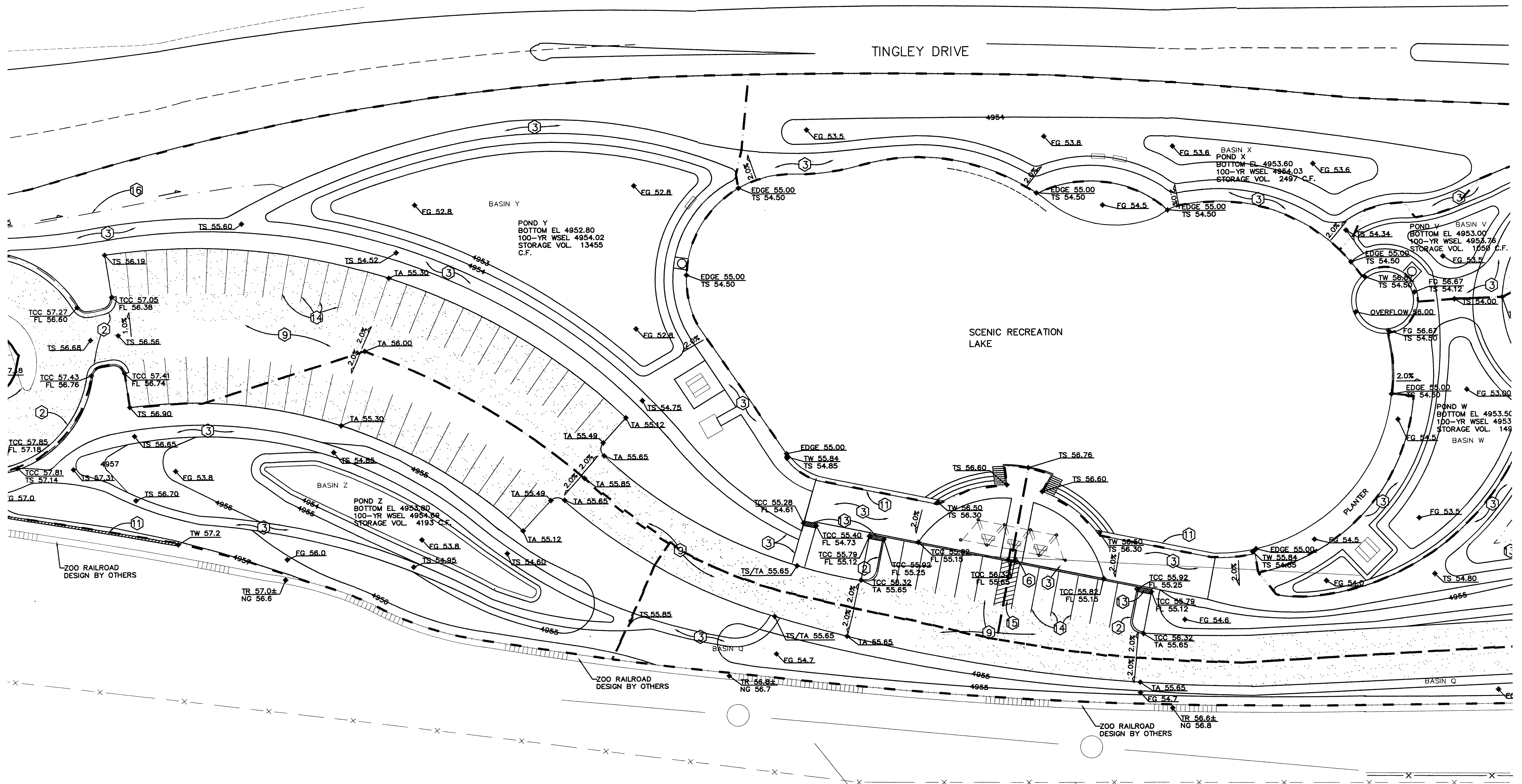
AAA ARCHITECTS
PLANNERS
AND ENGINEERS ARCHITECTS

SHEET

C2

202108

TINGLEY DRIVE



GRADING PLAN
1" = 20'-0"

DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	GRADING PLAN



46

DCA

ARCHITECTS

AIA

ARCHITECTS
PLANNERS
LANDSCAPE ARCHITECTS

SHEET

C3

202108

WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108

TEL(505)266-6466 FAX(505)266-6466



DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	GRADING PLAN



216 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87102
TEL(505)266-6466 FAX(505)266-6466

DCA

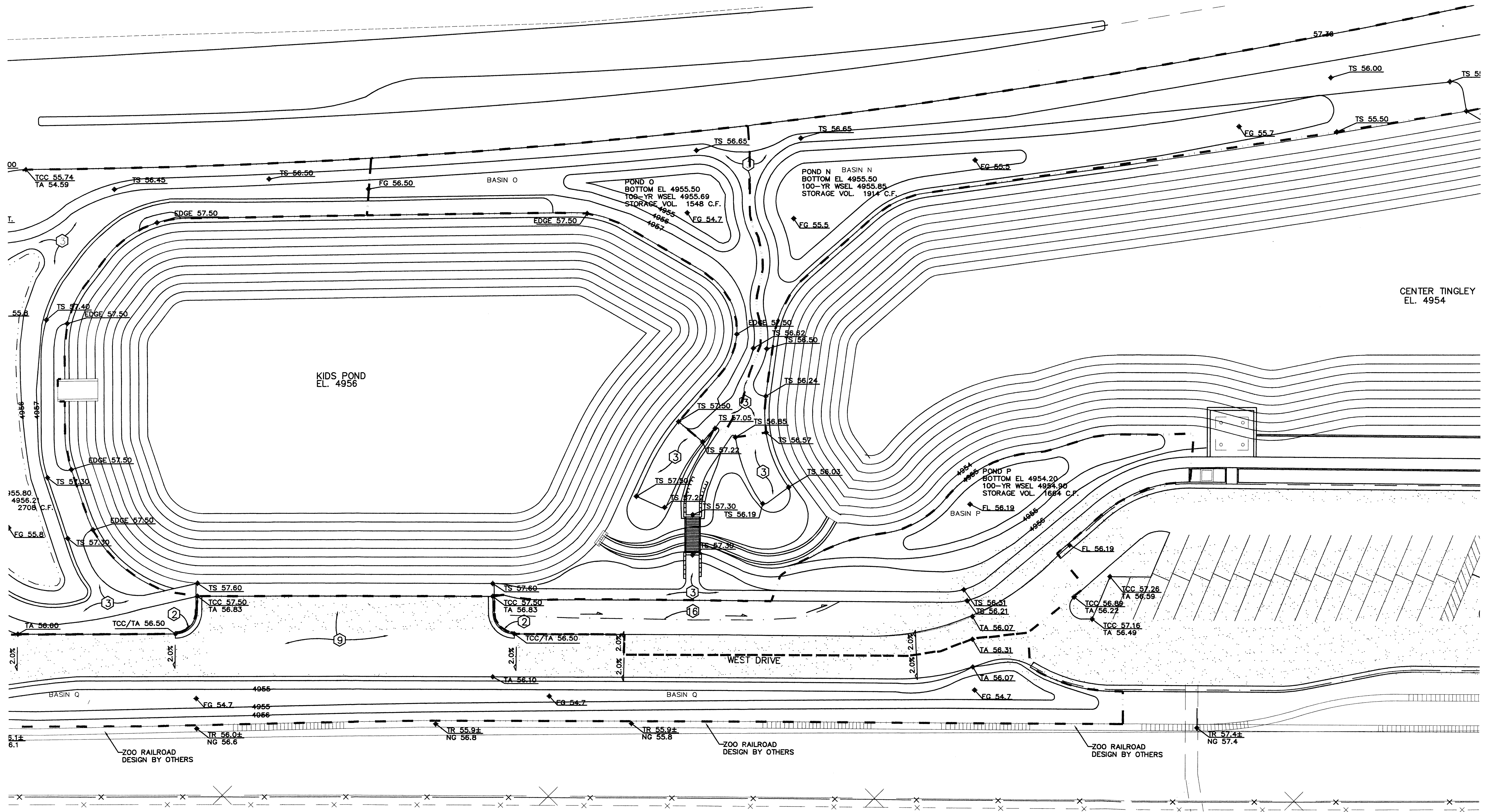
ARCHITECTS
AIA

ARCHITECTS
PLANNERS
LANDSCAPE ARCHITECTS

SHEET

C5

202108

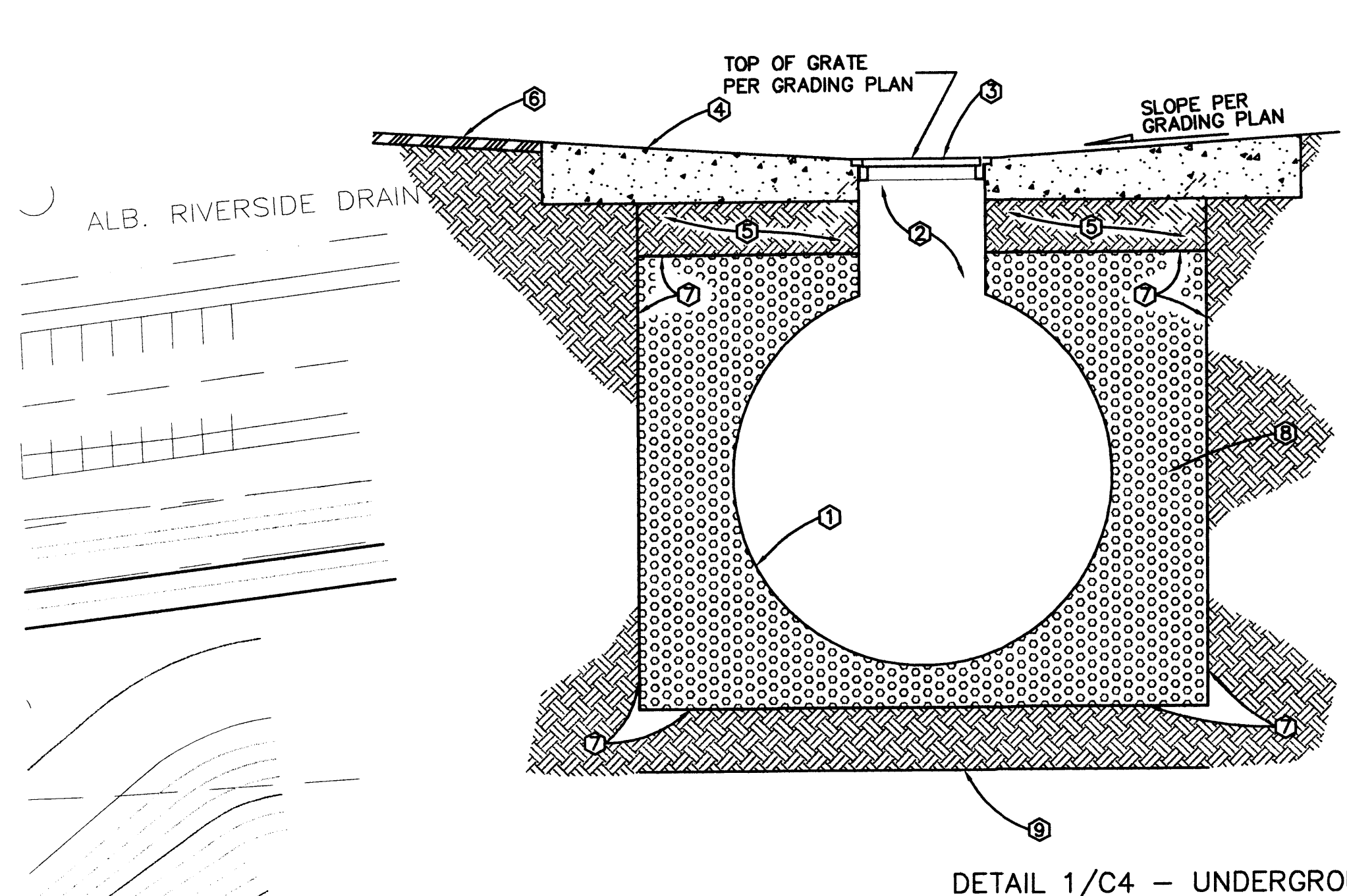


CENTER TINGLEY
EL. 4954



GRADING PLAN
1" = 20'-0"

DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	GRADING PLAN
DCA ARCHITECTS ARCHITECTS PLANNERS LANDSCAPE ARCHITECTS 16 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87102 TEL(505)266-6466 FAX(505)266-6466	
SHEET C5.1 202108	

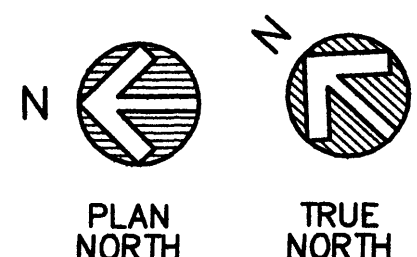
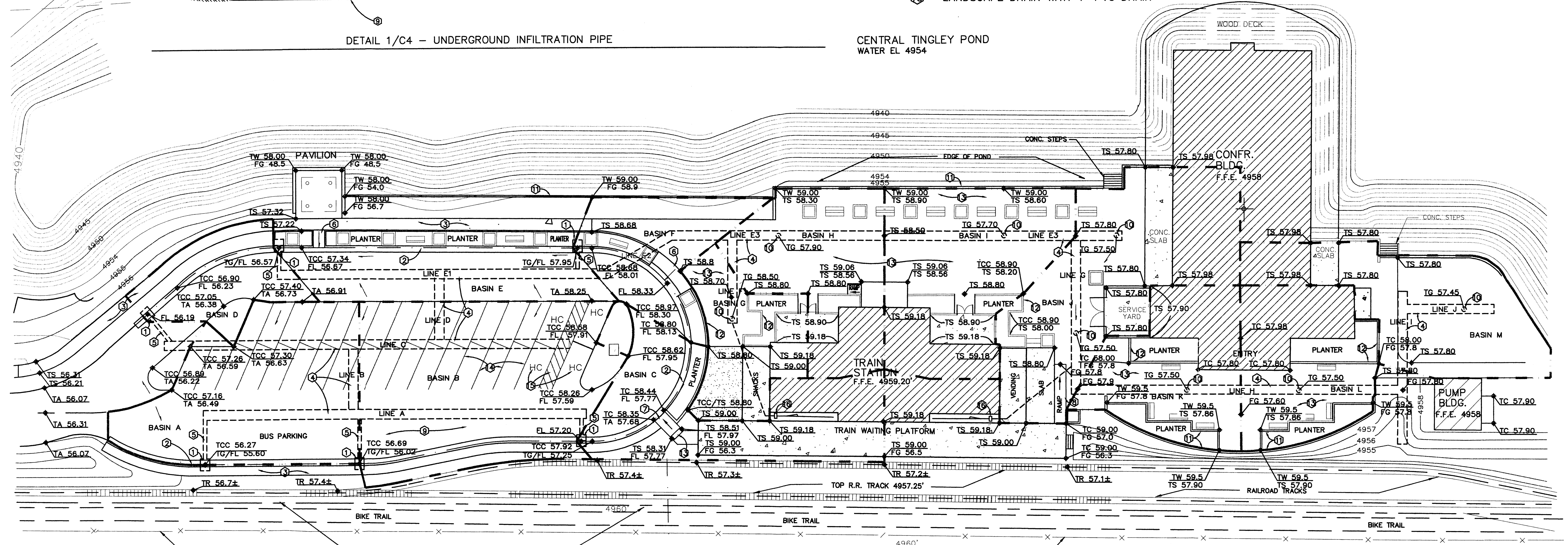


DETAIL 1/C4 - UNDERGROUND INFILTRATION PIPE

- ③ KEYED NOTES ③
- 60" DIAMETER, 16 GAGE, ALUMINIZED STEEL, PERFORATED PIPE, TYPE II AS MANUFACTURED BY AK STEEL WITH BULKHEADS ON EACH END AND 2 - 2' DIA. X 90° ELBOWS INSTALLED BY PIPE MANUFACTURER. JOINTS SHALL BE MADE WITH 18 GAGE HUGGER BANDS WITH 14 GAGE BACKERS WITH DOUBLE BAR BOLTS AND STRAPS.
 - 2' DIA. CORRUGATED RISER FOR AREA INLET. SEE GRADING PLAN FOR LOCATION OF RISERS.
 - NEENAH R-5901-E FRAME AND GRATE FOR CMP PIPES. FRAME SHALL BE DRILLED AND BOLTED TO CMP.
 - 12" SQUARE COLLAR, 8" MIN. THICK WITH # 5 REBARS @ 12" ON CENTER ALL DIRECTIONS. REBAR SHALL BE CENTERED 4" BELOW GRATE SURFACE.
 - 10" THICK NATIVE SOIL COMPACTED TO 95% MOD. PROCTER.
 - PAVEMENT BEYOND PER SITE PLAN.
 - NON-WOVEN FILTER FABRIC, CONTECH C-40NW, 4 OZ. PER SQUARE YARD WITH A MINIMUM RATED WATER FLOW RATE OF 120 GPM/SQUARE FOOT.
 - AGGREGATE GRAVEL FILTER MATERIAL, 3/4" TO 1-1/2" CRUSHED AND WASHED GRAVEL. INSTALL IN 8" LIFTS WITH EACH LIFT COMPACTED TO 90% MIN MODIFIED PROCTER
 - NATIVE SOIL COMPACTED TO 95% MIN. MODIFIED PROCTER.

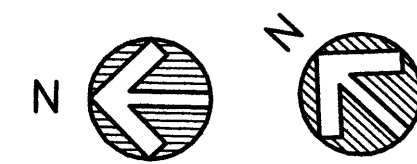
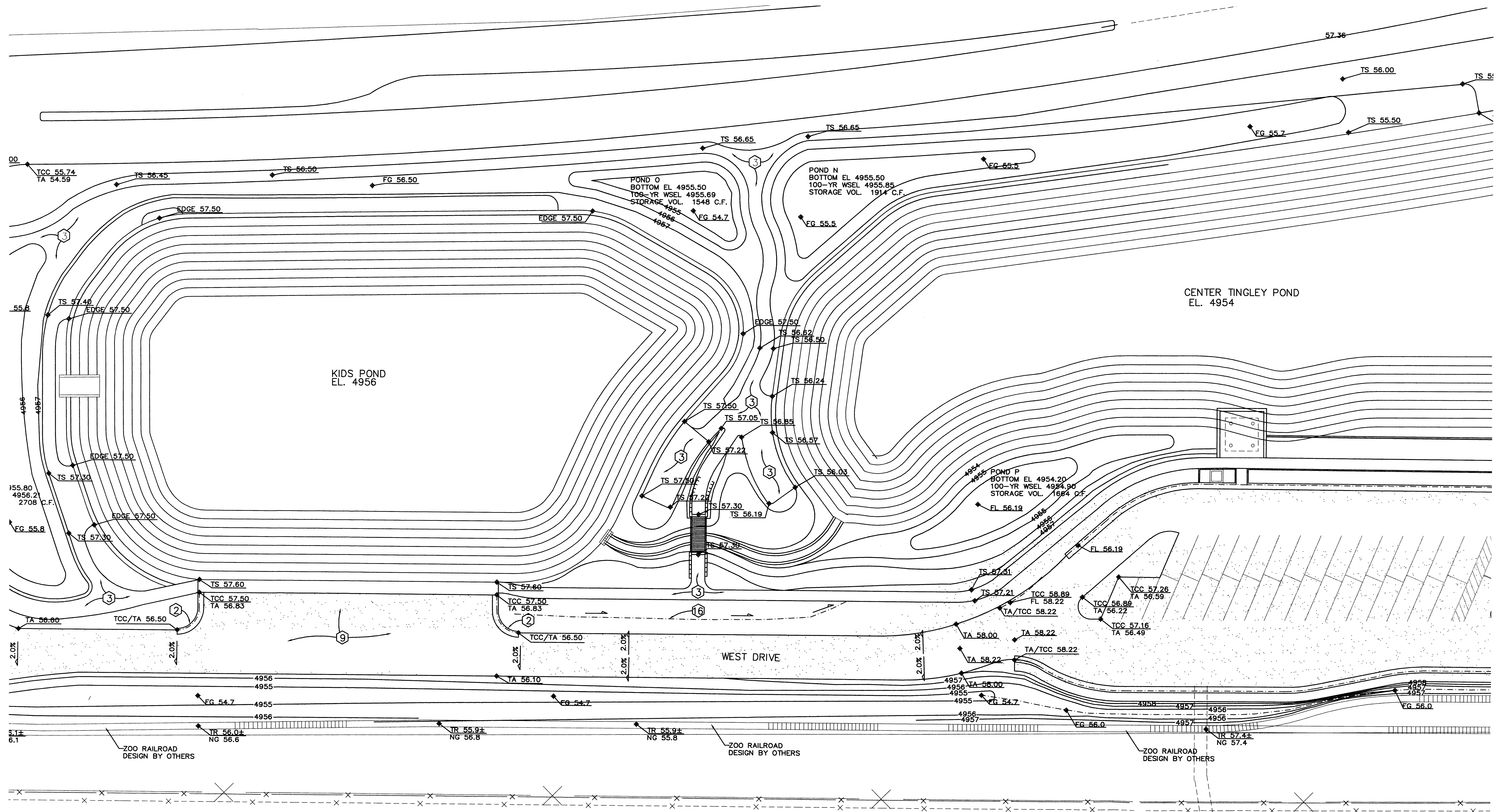
KEYED NOTES:

- COA STORM INLET PER COA STD DWG 2201
- COA STANDARD CURB AND GUTTER PER COA STD DWG 2415.
- NEW' CONC SIDEWALK PER COA STD DWG 2430. PER ARCHITECTUAL DWG. FOR WIDTH
- 5' DIA. STORM DRAIN, PERFORATED CMP SEE DETAIL 1/C4
- 18' STORM DRAIN, CMP
- WHEEL CHAIR RAMP PER COA STND DWG 2426.
- 6' UNIDIRECTIONAL WHEEL CHAIR RAMP WITH CURB AND HANDRAIL PER ARCHITECTUAL DWG, 1:12 MAX. SLOPE
- 5' UNIDIRECTIONAL WHEEL CHAIR RAMP WITH CURB AND HANDRAIL PER ARCHITECTUAL DWG, 1:12 MAX. SLOPE
- ASPHALT PAVING.
- 2' DIA GRATE ON 5' DIA CMP RISER
- KEYSTONE BLOCK RETAINING WALL, SEE STRUCTUREL DETAILS
- HEADER CURB FOR PLANTER
- 24' SIDEWALK CULVERT PER COA STD DWG. 2236
- PARKING LOT STRIPPING (TYP.)
- ADA STRIPPING
- LANDSCAPE DRAIN WITH 4" PVC DRAIN



GRADING PLAN
1" = 20'-0"

DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING GRADING PLAN
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	
 	
6 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108 TEL(505)266-6466 FAX(505)266-6466	
SHEET C41 202108	



GRADING PLAN
1" = 20'-0"

DRAWN BY: LRA	TINGLEY BEACH TRAIN STATION & CONFERENCE BUILDING GRADING PLAN
DESIGN BY: LRA	
CHECKED BY: LRA	
DATE: 12/22/04	
 DCA ARCHITECTS ARCHITECTS PLANNERS LANDSCAPE ARCHITECTS 16 WASHINGTON SE SUITE 1-B, ALBUQUERQUE, NM 87108 TEL(505)266-6466 FAX(505)266-6466	
SHEET C7 202108	

ALB. RIVERSIDE DRAIN

- 1 COA STANDARD CURB AND GUTTER PER COA STD DWG 2415.
- 2 NEW' CONC SIDEWALK PER COA STD DWG 2430. PER ARCHITECTUAL DWG. FOR WIDTH
- 3 WHEEL CHAIR RAMP PER COA STND DWG 2426.
- 4 6' UNIDIRECTIONAL WHEEL CHAIR RAMP WITH CURB AND HANDRAIL PER ARCHITECTUAL DWG, 1:12 MAX. SLOPE
- 5 5' UNIDIRECTIONAL WHEEL CHAIR RAMP WITH CURB AND HANDRAIL PER ARCHITECTUAL DWG, 1:12 MAX. SLOPE
- 6 ASPHALT PAVING.
- 7 KEYSTONE BLOCK RETAINING WALL, SEE STRUCTURAL DETAILS
- 8 HEADER CURB FOR PLANTER
- 9 PARKING LOT STRIPPING (TYP.)
- 10 ADA STRIPPING
- 11 HARDSCAPE PATIO/TERRACE (SEE ARCHITECTUAL DETAILS)

