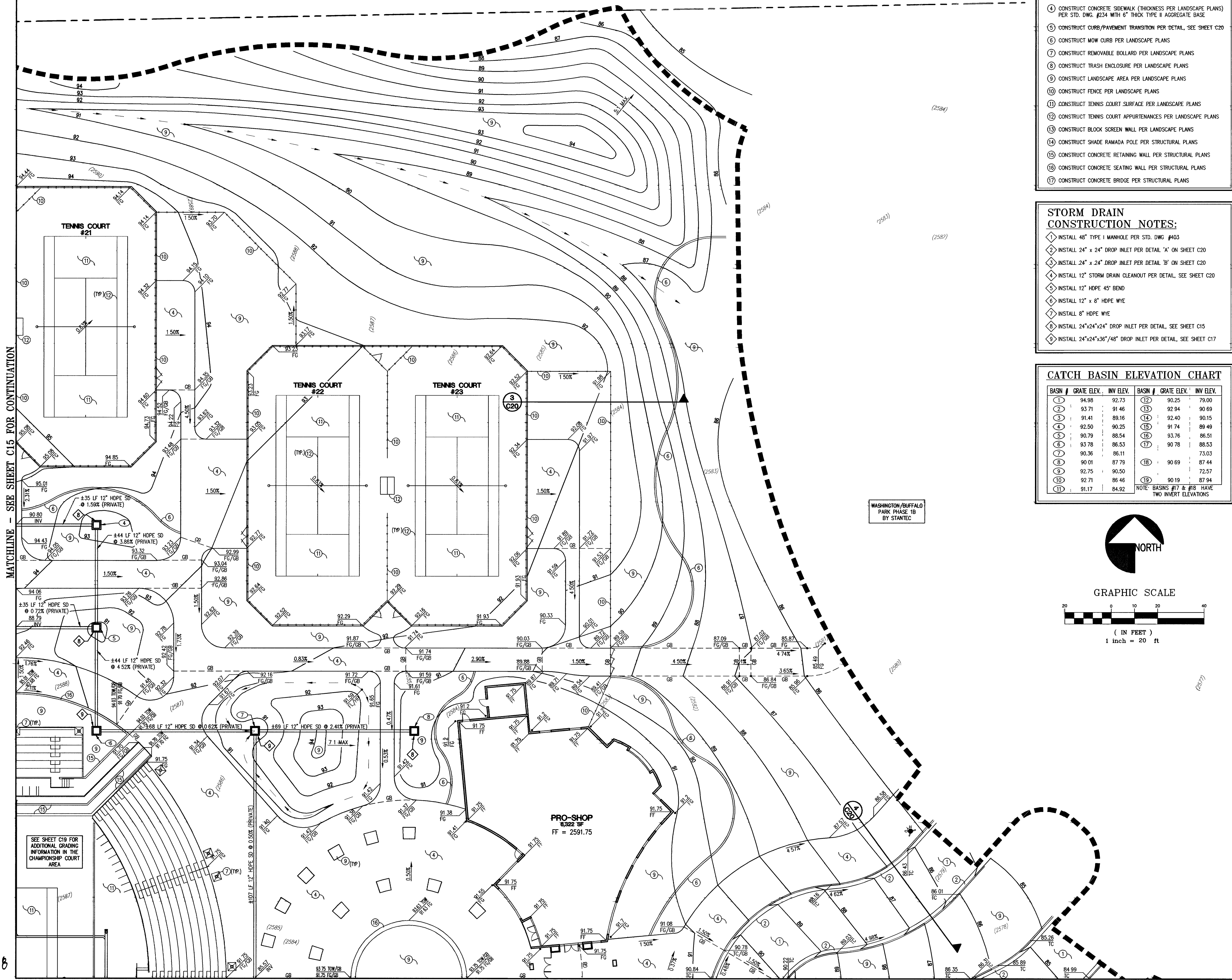


WASHINGTON AVENUE
(PUBLIC)



MATCHLINE - SEE SHEET C15 FOR CONTINUATION

MATCHLINE - SEE SHEET C18 FOR CONTINUATION

CONSTRUCTION NOTES:

1. CONSTRUCT AC PAVEMENT PER DETAIL, SHEET C20
2. CONSTRUCT 24" 'L' TYPE CURB & GUTTER PER STD. DWG. #216
3. CONSTRUCT 24" 'L' TYPE CURB & GUTTER WITH 0" CURB FACE
4. CONSTRUCT CONCRETE SIDEWALK (THICKNESS PER LANDSCAPE PLANS) PER STD. DWG. #234 WITH 6" THICK TYPE II AGGREGATE BASE
5. CONSTRUCT CURB/PAVEMENT TRANSITION PER DETAIL, SEE SHEET C20
6. CONSTRUCT MOW CURB PER LANDSCAPE PLANS
7. CONSTRUCT REMOVABLE BOLLARD PER LANDSCAPE PLANS
8. CONSTRUCT TRASH ENCLOSURE PER LANDSCAPE PLANS
9. CONSTRUCT LANDSCAPE AREA PER LANDSCAPE PLANS
10. CONSTRUCT FENCE PER LANDSCAPE PLANS
11. CONSTRUCT TENNIS COURT SURFACE PER LANDSCAPE PLANS
12. CONSTRUCT TENNIS COURT APPURTENANCES PER LANDSCAPE PLANS
13. CONSTRUCT BLOCK SCREEN WALL PER LANDSCAPE PLANS
14. CONSTRUCT SHADE RAMADA POLE PER STRUCTURAL PLANS
15. CONSTRUCT CONCRETE RETAINING WALL PER STRUCTURAL PLANS
16. CONSTRUCT CONCRETE SEATING WALL PER STRUCTURAL PLANS
17. CONSTRUCT CONCRETE BRIDGE PER STRUCTURAL PLANS

STORM DRAIN
CONSTRUCTION NOTES:

1. INSTALL 48" TYPE I MANHOLE PER STD. DWG. #403
2. INSTALL 24" x 24" DROP INLET PER DETAIL 'A' ON SHEET C20
3. INSTALL 24" x 24" DROP INLET PER DETAIL 'B' ON SHEET C20
4. INSTALL 12" STORM DRAIN CLEANOUT PER DETAIL, SEE SHEET C20
5. INSTALL 12" HDPE 45° BEND
6. INSTALL 12" x 8" HDPE WYE
7. INSTALL 8" HDPE WYE
8. INSTALL 24"x24"x24" DROP INLET PER DETAIL, SEE SHEET C15
9. INSTALL 24"x24"x36"/48" DROP INLET PER DETAIL, SEE SHEET C17

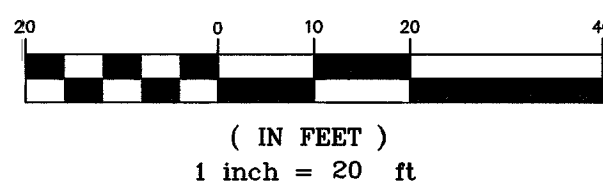
CATCH BASIN ELEVATION CHART

BASIN #	GRATE ELEV.	INV. ELEV.	BASIN #	GRATE ELEV.	INV. ELEV.
1	94.98	92.73	12	90.25	79.00
2	93.71	91.46	13	92.94	90.69
3	91.41	89.16	14	92.40	90.15
4	92.50	90.25	15	91.74	89.49
5	90.79	88.54	16	93.76	86.51
6	93.78	86.53	17	90.78	88.53
7	90.36	86.11	18		73.03
8	90.01	87.79	19	90.69	87.44
9	92.75	90.50			72.57
10	92.71	86.46			
11	91.17	84.92			

NOTE: BASINS #17 & #18 HAVE TWO INVERT ELEVATIONS



GRAPHIC SCALE



NOTICE

Use of the information contained in this instrument for other than the specific purpose for which it was intended and for other than the client for whom it was prepared is forbidden unless expressly permitted in writing in advance by STANTEC CONSULTING, INC. shall have no liability to any use of this information without their written consent.

NOTE TO CONTRACTOR:

STANTEC CONSULTING, INC. HAS ENDEAVORED TO PROVIDE ACCURATE UTILITY INFORMATION BASED ON THE MOST CURRENT DATA AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS WITH RESPECT TO LINE AND GRADE PRIOR TO CONSTRUCTION.

ADA NOTE

ALL SIDEWALKS AND HANDICAP ACCESS RAMP SHALL MEET ADA REQUIREMENTS. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN DESIGN INFORMATION AND ADA REQUIREMENTS PRIOR TO CONSTRUCTION.

ENGINEER'S NOTES:

1. CONTRACTOR TO VERIFY SITE CONDITIONS PRIOR CONSTRUCTION
2. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION
3. SEE LANDSCAPE PLANS FOR LANDSCAPING AND ONSITE IRRIGATION.
4. SEE SHEET C20 FOR ONSITE PAVEMENT SECTION. CONTRACTOR TO VERIFY WITH SOILS REPORT
5. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.
6. ALL WORK SHALL CONFORM WITH THE SOILS REPORT PREPARED BY STANTEC CONSULTING, INC. PROJECT No. 81200186, DATED APRIL 14, 2003
7. USE CATCH BASIN ELEVATION CHART, THIS SHEET, FOR DETERMINING GRATE AND INVERT ELEVATIONS. SEE SHEET C19 FOR DESIGN INFORMATION IN CHAMPIONSHIP COURT. SEE SHEET C20 FOR CATCH BASIN SCHEDULE AND STORM DRAIN DETAILS
8. SEE ARCHITECT'S PLANS FOR ADDITIONAL HANDICAP ACCESSIBILITY INFORMATION AND DETAILS
9. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY FOR THIS PROJECT ON FILE WITH THE CITY OF LAS VEGAS.

BRIAN D. RIBINGER, P.E. #12309

DATE



REVISIONS

CONSULTANT

7251 W CHARLESTON BLVD
LAS VEGAS, NEVADA 89117
PHONE (702) 258-0115
FAX (702) 869-8547



WASHINGTON BUFFALO PARK - PHASE 1A
WASHINGTON & BUFFALO, LAS VEGAS, NV

GRADING PLAN
(NORTHEAST)

STAMP

RECORD DOCUMENTS ARE PREPARED FROM DATA AND INFORMATION SUPPLIED BY OTHERS. STANTEC CONSULTING, INC. DOES NOT CERTIFY, NOR WARRANT IN ANY MANNER, THE ACCURACY OR COMPLETENESS OF RECORD DOCUMENTS. STANTEC CONSULTING, INC. ADVISES ANYONE USING RECORD DOCUMENTS, FOR ANY PURPOSE, TO INDEPENDENTLY VERIFY THE ACCURACY OR COMPLETENESS OF THE INFORMATION PRESENTED, AND TO VERIFY THE SUITABILITY OF THE INFORMATION FOR THE PURPOSE FOR WHICH THEY INTEND TO USE THE INFORMATION. STANTEC CONSULTING, INC. SHALL NOT BE RESPONSIBLE FOR ANY PROBLEMS, DISCREPANCIES OR RELATED COSTS THAT MAY ARISE OUT OF THE USE OF RECORD DOCUMENTS.

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-0535
FAX: (702) 382-3232
TDD: (702) 386-9108

DRAWN: M. GRINES

FILE: Grading Plan.dwg

DATE: 7/03

SCALE: 1" = 20'-0"

REV NO: 03.15.34.106

CLV DWG NO: 65016-1A

100% SUBMITTAL

SHT NO:

C16