

GENERAL NOTES

1. All construction and materials for this project shall be in accordance with the Uniform Standard Specifications for Public Works Construction, Off-site Improvements, Clark County Area, Nevada, 1986, and the Uniform Standard Drawings for Public Works Construction, Off-site Improvements, Clark County Area, Nevada, 1988, except as modified by the Contract Drawings and Specifications.
2. Forty-eight (48) hours prior to start of construction, the Contractor shall contact all utility companies.
3. Locations of underground utilities shown on the drawings were obtained from information received from the applicable utility companies. Neither the Owner nor Engineer assumes any responsibility for utilities or structures not shown, or not in the location shown on the drawings. Contractor shall verify the exact location of utilities prior to start of construction. The Contractor's responsibility regarding utilities shall be as required under Section 107.17 of the Uniform Standard Specifications. The Contractor shall use extreme caution when working over or near existing gas mains.
4. The Contractor shall take all precautionary measures necessary to protect existing improvements, which are to remain in place, from damage and all such improvements or structures damaged by the Contractor's operations shall be repaired or reconstructed satisfactory to the Engineer at the expense of the Contractor.
5. The Contractor shall be responsible for protecting and supporting as necessary, all existing streetlight poles and other utility poles and appurtenances during construction.
6. The owning utility company shall be responsible for removal or relocation of all power poles, telephone poles, jointly-owned poles and related appurtenances that interfere with required improvements as shown on the plans and in accordance with the "Standard Specifications".
7. The Contractor shall not remove trees, shrubs, lawns, walls, fences, signs, structures, lights or any existing improvements outside of street right-of-way except where required to do so by the Contract Drawings or by the Engineer.
8. Trees, shrubs, lawns, fences, signs, structures, lights and other existing improvements within street rights-of-way shall be removed where shown on the Contract Drawings, and as required by the Engineer. Fences shall be delivered to the respective property owner.
9. Replacement, relocation or reconstruction of all existing improvements, including lawns, fences, walls, signs, steps, sidewalks, driveways and all other items applicable to this contract shall be as shown on the Contract Drawings and as directed by the Engineer.
10. The Contractor shall Backfill and fine grade all cut or fill slopes to match existing conditions to the satisfaction of the Engineer. Where existing lawns are damaged by the Contractor's operations, the Contractor shall re-seed and/or sod the affected area to a condition equal to, or better than existed prior to construction.
11. Mailboxes shall be removed and relocated to an approved area. The Contractor shall notify the United States Post Office to coordinate inspection after relocation of the boxes.
12. All barricading and temporary traffic control devices or methods used during the construction shall be in accordance with the "Nevada Traffic Control Manual", latest edition published by the State of Nevada, Department of Transportation, except as otherwise provided in the Contract Specifications, or as required by the Engineer.
13. At the time of the Pre-construction Conference, the Contractor shall furnish, for approval, a Traffic Barricading Plan and the Method of Maintaining Public Conveyance and Safety Through the Construction Area. Traffic barricading plans shall comply with applicable portions of Sections 624 and 625 of the Standard Specifications, the Traffic Control Manual and applicable City Ordinances.
14. All existing concrete which must be removed shall be sawcut.
15. The Southwest Gas Corporation shall be responsible for the removal or relocation of all gas lines and related appurtenances that interfere with the required improvements as shown on the plans.
16. The Contractor shall be responsible for contacting the City of Las Vegas Fire Department for the locations of all fire alarm conduit and related appurtenances which may interfere with the required construction.

17. The Contractor shall be responsible for the removal or relocation of all waterlines and appurtenances that interfere with required improvements as shown on the plans and to adjust all water manholes, valves, valve boxes, water meters and anode boxes to finish grade.
18. Demolition and removal of existing improvements is incidental to the applicable work item in the area. This is usually included in the excavation quantity.
19. Work items not included in the bid schedule shall be regarded as incidental to the project and the cost thereof incorporated into the bid items shown.
20. Driveways behind the sidewalk will be graded at a 4% slope or less unless otherwise noted.
21. Asphalt concrete pavement shall be constructed in one or more lifts not to exceed four inches (4") in height.
22. All water and sewer laterals shall extend to the right-of-way line.
23. All storm drain mainline and laterals shall be R. C. P. with D-Load as shown on the Contract Drawings.
24. All earthwork is to be performed in accordance with "Geotechnical Investigation Washington Avenue from Rancho Road to Martin Luther King Boulevard, Las Vegas, Nevada" prepared by Converse Consultants Southwest, Inc. (Project No.90-33128-01) dated 28 JUNE, 1990.
25. The Contractor shall take all precautions necessary to protect existing permanent survey monuments. Any monuments disturbed shall be replaced and adjusted per available records in accordance with Nevada Revised Statutes 625.550.
26. Portland cement, meeting the requirements for the 0.5 to 1.5 soluble sulfate range, shall be used in all concrete work. Mix designs are to be approved by the Quality Control Division prior to use on the project.
27. Expansion joints are required at a maximum of three hundred feet (300') in extruded type curb.
28. Wheelchair ramps shall be constructed in each quadrant of an intersection in accordance with Standard Drawing 235. Exact location of ramps may be adjusted in the field by a City inspector.
29. The Contractor shall provide all necessary horizontal and vertical transitions between new construction and existing surfaces to provide for proper drainage and for ingress and egress to the construction. Extent of transitions to be as shown on the Contract Drawings or as designated in the field by a City inspector.
30. Exact location of all sawcut lines may be determined in the field by a City inspector if location on the Contract Documents is not clearly shown or existing pavement condition requires relocation.

Avoid cutting underground utility lines. It's costly.

Call
before you
Dig.

1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

BENCH MARK

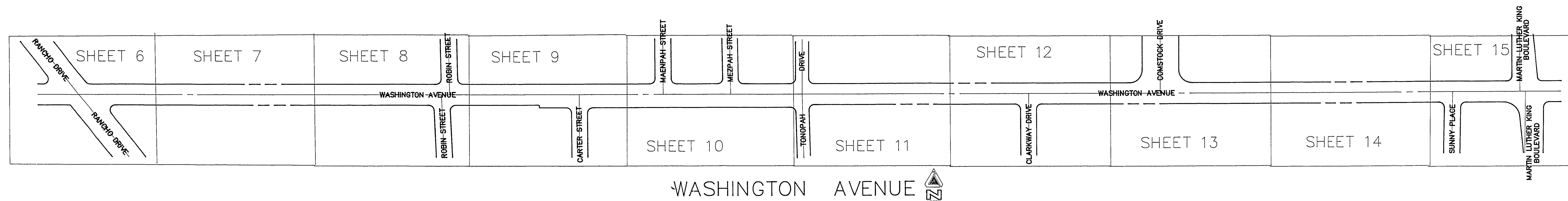
[2051.541] B.M. #06128A2 City of Las Vegas datum. A brass nail and tag at the northeast curb return of Martin Luther King Boulevard (Highland Drive) and Washington Avenue.

BASIS OF BEARING

S 89°25'47" E being the south line of the Northeast Quarter of Section 29, Township 20 South, Range 61 East, M.D.M., per plat of Washington Park One Condominiums in Book 29, Page 66, Clark County Recorder's Office, June 16, 1983.

ABBREVIATIONS

Aban	— Abandon, Abandoned	Exist, Ex.	— Existing	Reinf	— Reinforced
AIP	— Abandoned in Place	FC	— Face of curb	RC	— Reinforced Concrete
Agg	— Aggregate	FD	— Found	RCB	— Reinforced Concrete Box
Alt	— Alternate	FND	— Foundation	RCP	— Reinforced Concrete Pipe
ACP	— Asbestos Cement Pipe	Ft	— Feet or Foot	Reloc	— Relocate
AC	— Asphaltic Concrete	FG	— Finish Grade	Rt	— Right
Ave	— Avenue	FH	— Fire Hydrant	R/W	— Right-of-way
B/C	— Back of Curb	FL	— Flow Line	RR	— Railroad
BCR	— Begin Curb Return	Galv	— Galvanized	RD	— Road
BM	— Bench Mark	GM	— Gas Meter	SS	— Sanitary Sewer
Bdry Line	— Boundary Line	GB	— Grade Break	S	— Slope
B/W	— Back of Sidewalk	Gut	— Gutter	Sht	— Sheet
Br	— Brass	GW	— Guy Wire	S/o	— South of
CATV	— Cable Television	HPS	— High Pressure Sodium	SW	— Sidewalk
C	— Conduit	In	— Inch	SQ FT, SF	— Square Foot
C—C	— Center to Center	INT	— Intersection	SQ YD, SY	— Square Yard
Q _L	— Centerline	INV	— Invert	Sta	— Station
CLV	— City of Las Vegas	ISL	— Island	STL	— Steel
CC	— Clark County	JB	— Junction Box	SD	— Storm Drain
CCSD	— Clark County Sanitation District	KV	— Kilovolt	SDMH	— Storm Drain Manhole
Comm	— Commercial	LOC	— Length of Curb	STD	— Standard
Conc, PCC	— Concrete	Lt	— Left	Struct	— Structural or Structure
Const	— Construct or Construction	LF	— Linear Feet	Surv	— Survey
Cor	— Corner	LVWWD	— Las Vegas Valley Water District	St Lgt, SL	— Streetlight
CMP	— Corrugated Metal Pipe	MH	— Manhole	SWG	— Southwest Gas
CSP	— Corrugated Steel Pipe	Max	— Maximum	T, Tel	— Telephone
C&G	— Curb and Gutter	Min	— Minimum	Temp	— Temporary
CIP	— Cast Iron Pipe	Mon	— Monolithic	TBA	— To Be Adjusted
Col	— Column	NLV	— North Las Vegas	TBR	— To Be Removed
Cu Yd, CY	— Cubic Yard	N/o	— North of	TC	— Top of Curb
Cu Ft, CF	— Cubic Foot	NTS	— Not to Scale	TP	— Top of Pipe
Culv	— Culvert	OC	— On Center	TS	— Traffic Signal
CF	— Curb Face	OG	— Open —Graded Plantmix, Original Ground	TSI	— Traffic Signal Inter — connect
Dept	— Department	OH	— Overhead	Trans	— Transition
Dia	— Diameter	Pwmt	— Pavement	Typ	— Typical
Dwy	— Driveway	PI	— Point of Intersection	UG	— Underground
DI	— Drop Inlet	PC	— Point of Curve	Var	— Variable
Esmt	— Easement	PT	— Point of Tangency	Vert	— Vertical
E/o	— East of	PCC	— Portland Cement Concrete	VG	— Valley Gutter
EP	— Edge of Pavement	PP	— Power Pole	VCP	— Vitrified Clay Pipe
EO	— Edge of Oil	P	— Power	W	— Water, Watt
E	— Electric	PL	— Property Line	WM	— Water Meter
EM	— Electric Meter	Prop	— Proposed	WV	— Water Valve
Elev	— Elevation	PB	— Pull Box	W/o	— West of
Embk	— Embankment	R&R	— Remove and replace	Yd	— Yard
ECR	— End of Curb Return	RP	— Radius Point		
EC	— End of Curve	R,r	— Radius		



VICINITY MAP

WASHGN

[illegible]

SCALE (H)	SCALE (V)
NO SCALE	
DES. R.A.M.	
DR. B.F.	
SECTION 28 / 29 T. 20 S.	R. 61 E.

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TITLE
WASHINGTON AVENUE
GENERAL NOTES, VICINITY MAP
AND ABBREVIATIONS

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SHEET 3 OF 27

107-V1772