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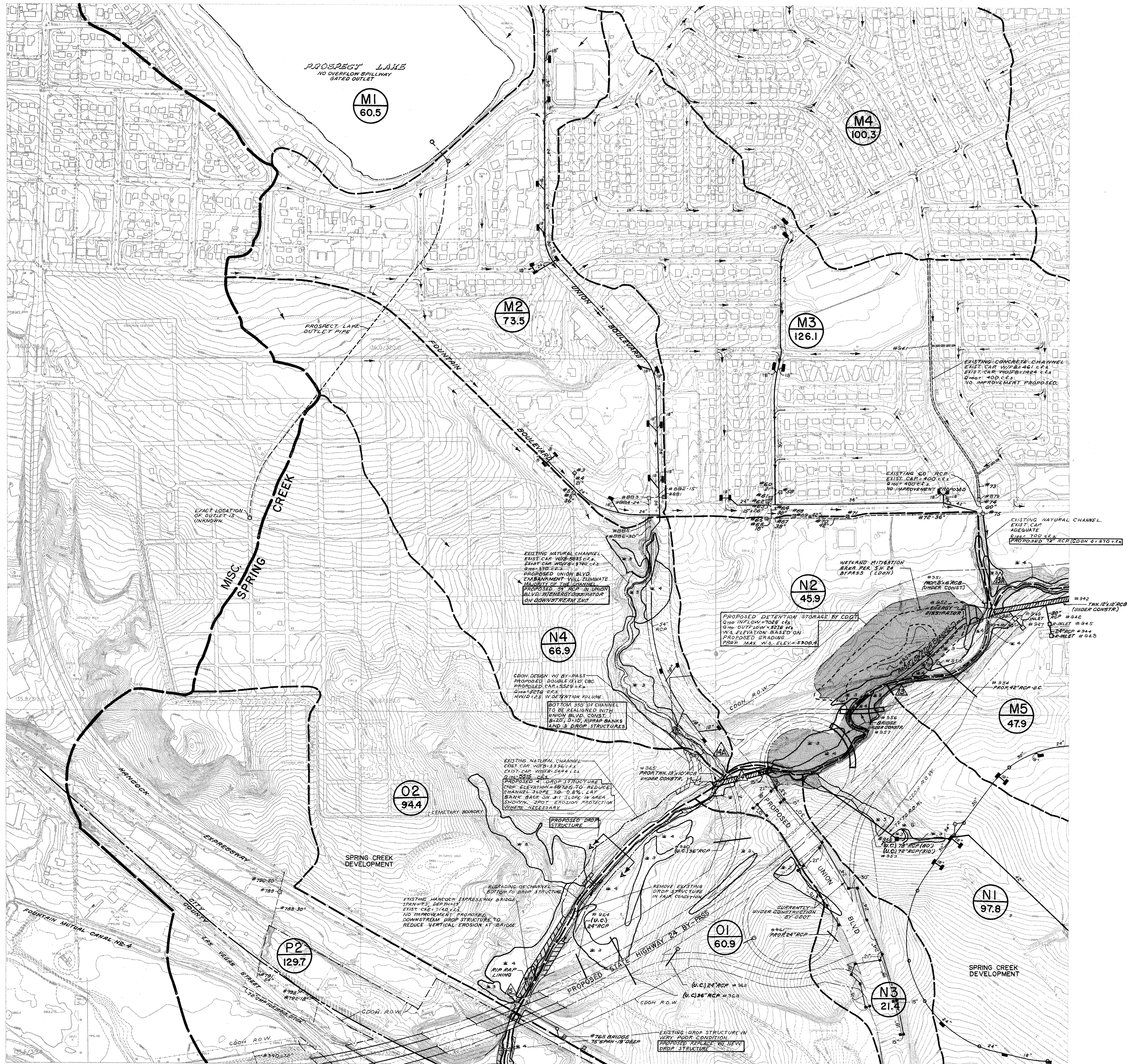
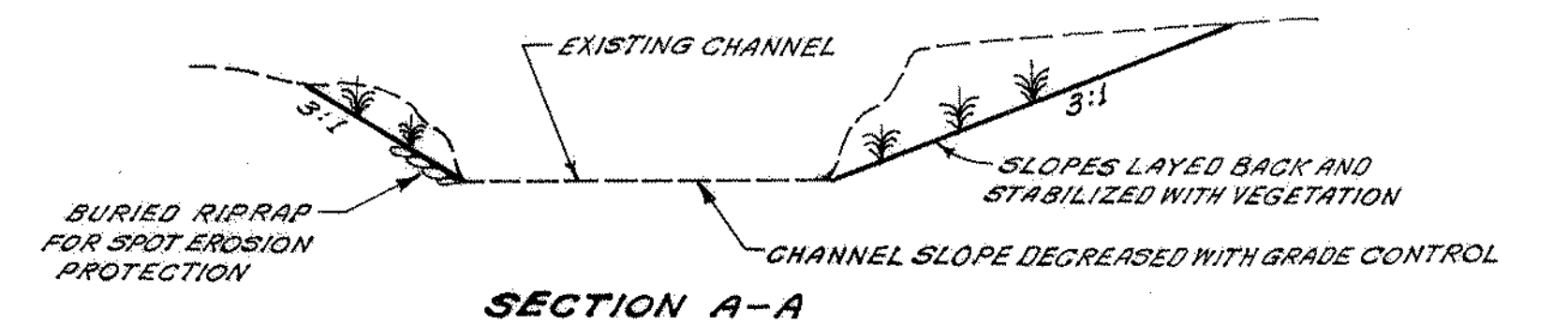
MAIN CHANNEL FLOWS FROM LARGER SUBBASIN COMPUTER MODEL (IBC-1)		
DESIGN POINT	LOCATION / DESCRIPTION	PEAK FLOW (CFS)
#13	1/2 WAY CIRCLE & UNION	6,785
#14 UPPER	JUST UPSTREAM OF UNION BLVD.	7,000
#14 DET	JUST DOWNSTREAM OF UNION BLVD.	5,276
#15	HANCOCK EXPRESSWAY	5,515

TRIBUTARY CHANNEL FLOWS FROM 100 ACRE SUBBASIN COMPUTER MODEL		
DESIGN POINT	LOCATION / DESCRIPTION	PEAK FLOW (CFS)
#13A	FOUNTAIN BLVD. BY HUTCHINSON DR.	700
#13A	FOUNTAIN BLVD. BY UNION BLVD.	377

* MAIN CHANNEL PEAK FLOWS WERE INTERPOLATED BETWEEN FLOWS GENERATED IN LARGER SUBBASIN MODEL.
* WITH DISTRIBUTION POINTS ABOVE DESIGN POINTS 5, 6, 10, AND 15.

RATIONAL METHOD PEAK FLOWS				
BASIN	INLET	INLET (IN/HR)	AREA (AC)	Q100 (CFS)
M2	0.76	17.2	5.6	73.5
M3	0.71	22.3	4.8	126.1
M4	0.68	16.4	9.7	200.3
M5	0.85	21.4	4.9	47.9
M1	0.90	17.0	5.6	97.8
M2	0.90	13.0	6.3	45.9
N3	0.89	15.3	5.8	21.4
M4	0.63	23.6	4.7	66.9
O1	0.88	14.0	6.0	60.9
O2	0.67	17.2	5.5	94.4
P2	0.77	20.2	8.0	129.7

SPRING CREEK DBPS	
COMPOSITION OF LARGER SUBBASINS	CONTRIBUTING SUBBASINS
OVERALL BASIN	A1, A2, B1, B2, B3, B4, B5, C1, C2
BASIN A	D1, D2, E1, F6
BASIN B	F1, F2, G2-1, F2-2, F3, F4, F7, F8
BASIN C	F5, G1, G2, G2-1, G2-2, G3
BASIN D	H1, I2
BASIN E	J1, J1-1, J1-2, J2
BASIN F	K1, K1, K2, K2-1, K2-2, K3, K3-1, K3-2, L1
BASIN G	K4, K5, L1, L2, L3, L4
BASIN H	M3, M4, M5, N1, N2
BASIN I	M3, M4, M5, N1, N2



NOTE: ALL PROPOSED INLETS ARE ASSUMED TO BE 12" D-10-R, UNLESS OTHERWISE NOTED.

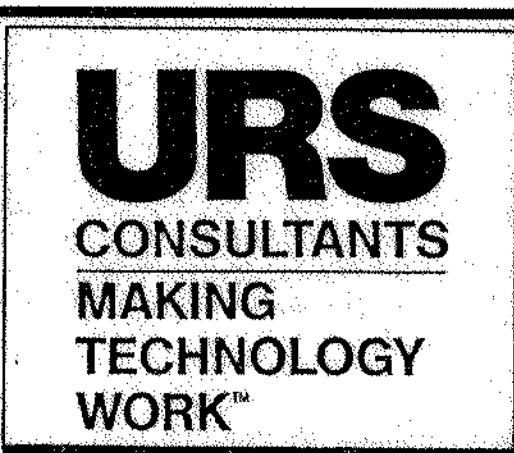
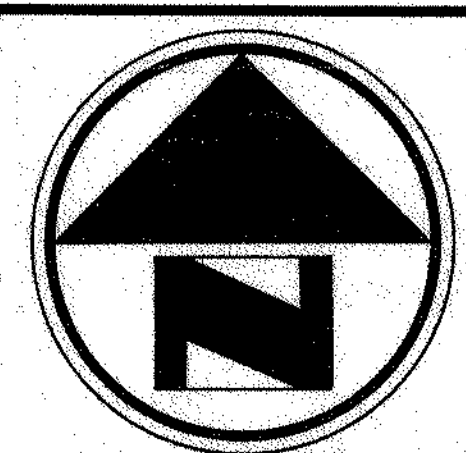
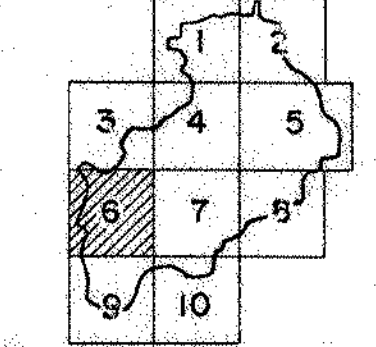
LEGEND:

- 1. STRUCTURAL FLOODWAY - concrete lined or rip rap channels
- 2. OPEN WATER - ponds and reservoirs (excludes flowing channel)
- 3. MATURE RIPARIAN FOREST - cottonwood and willow along perennial drainages
- 4. RIPARIAN GRASSLAND - grass and shrub depressions in the floodplains of perennial drainages
- 5. HERBACEOUS WETLAND - low lying grassy and weedy areas along intermittent drainages
- 6. EMERGENT WETLAND - emergent wetlands along ponds or stream channels

LEGEND:

- (A2) BASIN DESIGNATION
- (501) BASIN AREA (AC.)
- ▲ DESIGN POINT
- MAJOR BASIN BOUNDARY
- SUB-BASIN BOUNDARY
- CITY LIMITS
- B - BUBBLER
- #10 (STRUCTURE NO.) EXISTING STORM SEWER
- PROPOSED STORM SEWER UNDER CONSTR.
- EXIST CROSS CULVERT OR BRIDGE
- PROP CROSS CULVERT OR BRIDGE
- EXIST BANK LINING WITH NO CHANGE
- EXIST BANK LINING INCREASE DEPTH
- PROPOSED BANK LINING
- PROPOSED DROP STRUCTURE
- ENVIRONMENTAL CLASSIFICATION

SHEET INDEX



PROJECT:
SPRING CREEK DRAINAGE BASIN
PLANNING STUDY - DRAINAGE PLAN
SCALE: 1" = 200' **CONTOUR INTERVAL = 2'**
 0 600
FIGURE 12 SHEET 6 OF 10