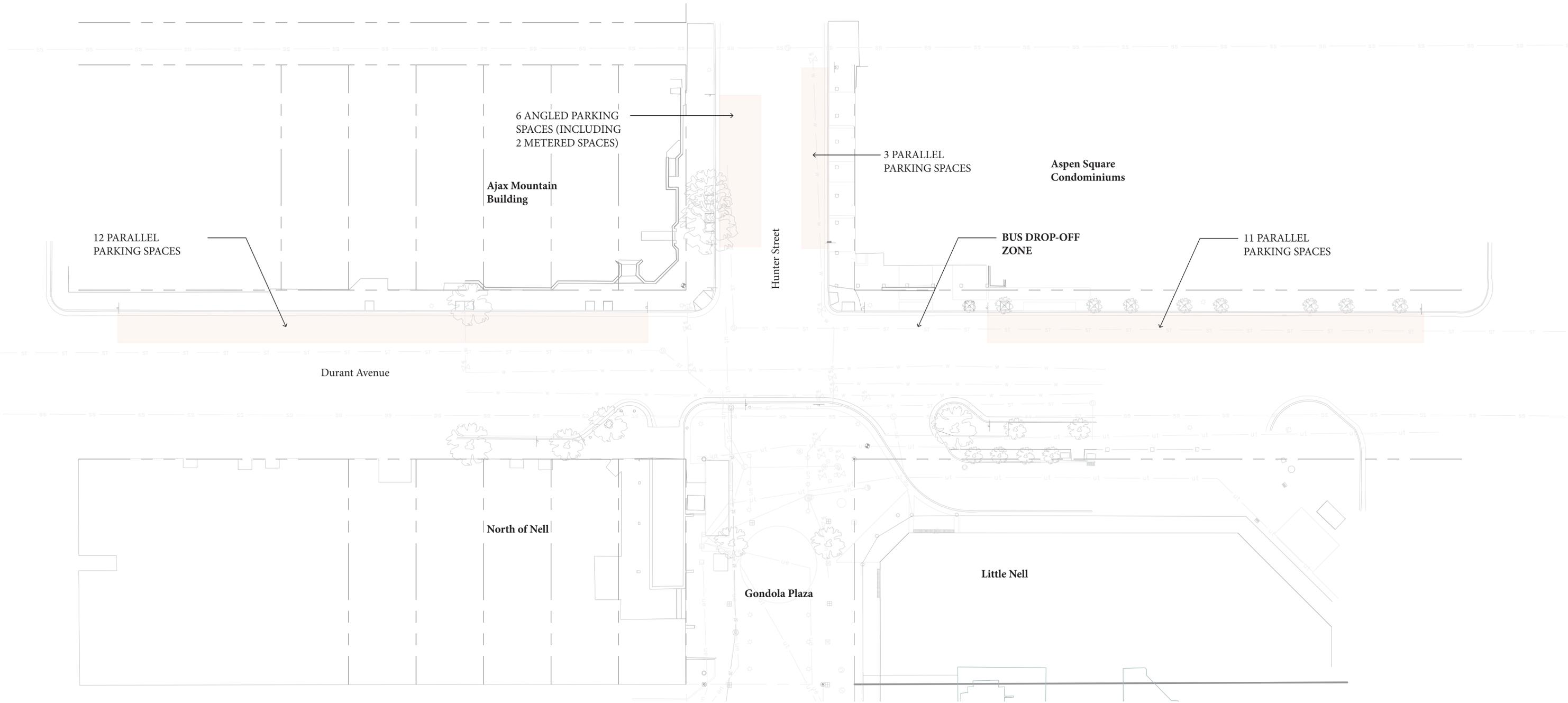


# EXISTING CONDITIONS



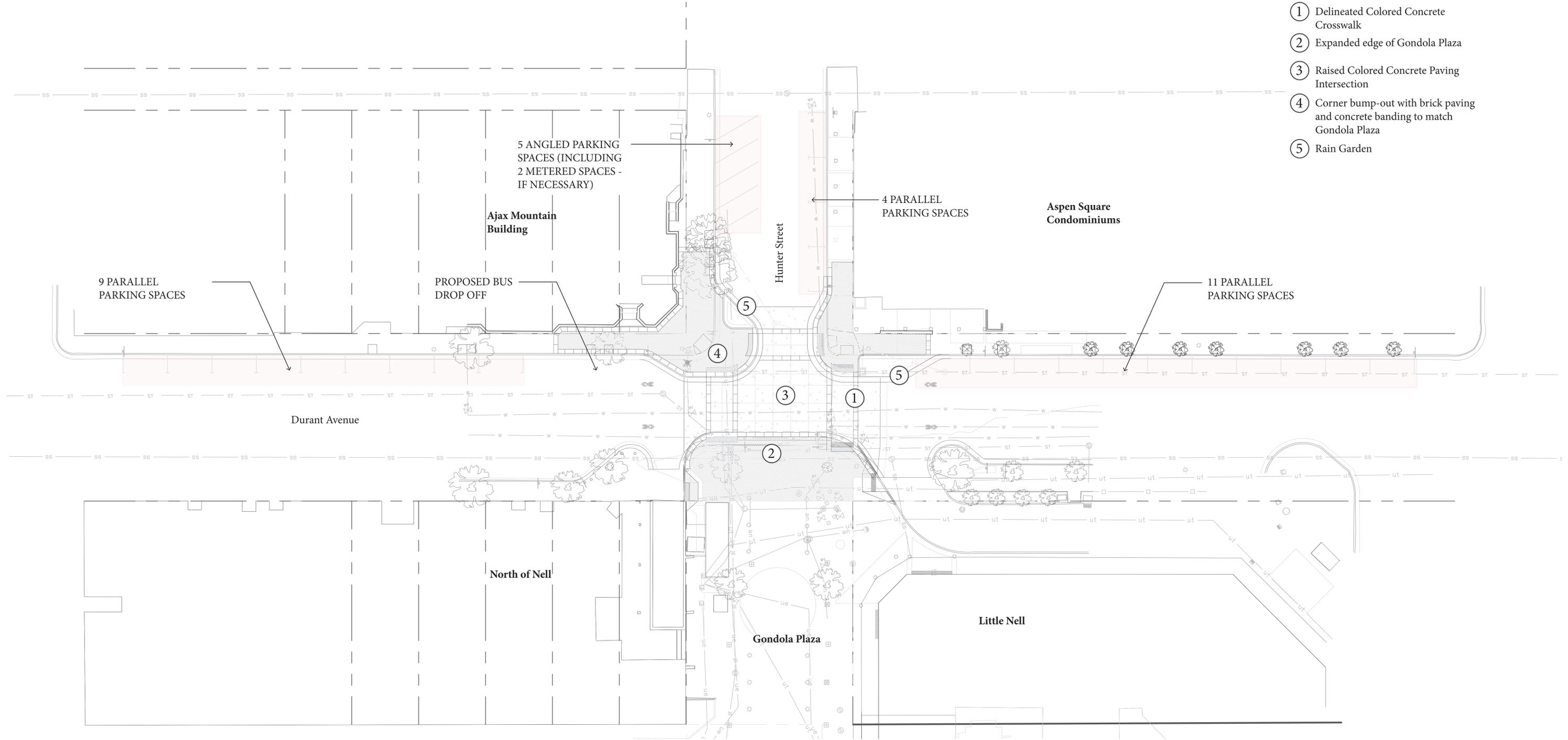




# PROPOSED IMPROVEMENTS - PREFERRED ALTERNATIVE

## LEGEND

- ① Delineated Colored Concrete Crosswalk
- ② Expanded edge of Gondola Plaza
- ③ Raised Colored Concrete Paving Intersection
- ④ Corner bump-out with brick paving and concrete banding to match Gondola Plaza
- ⑤ Rain Garden



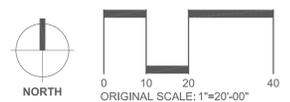
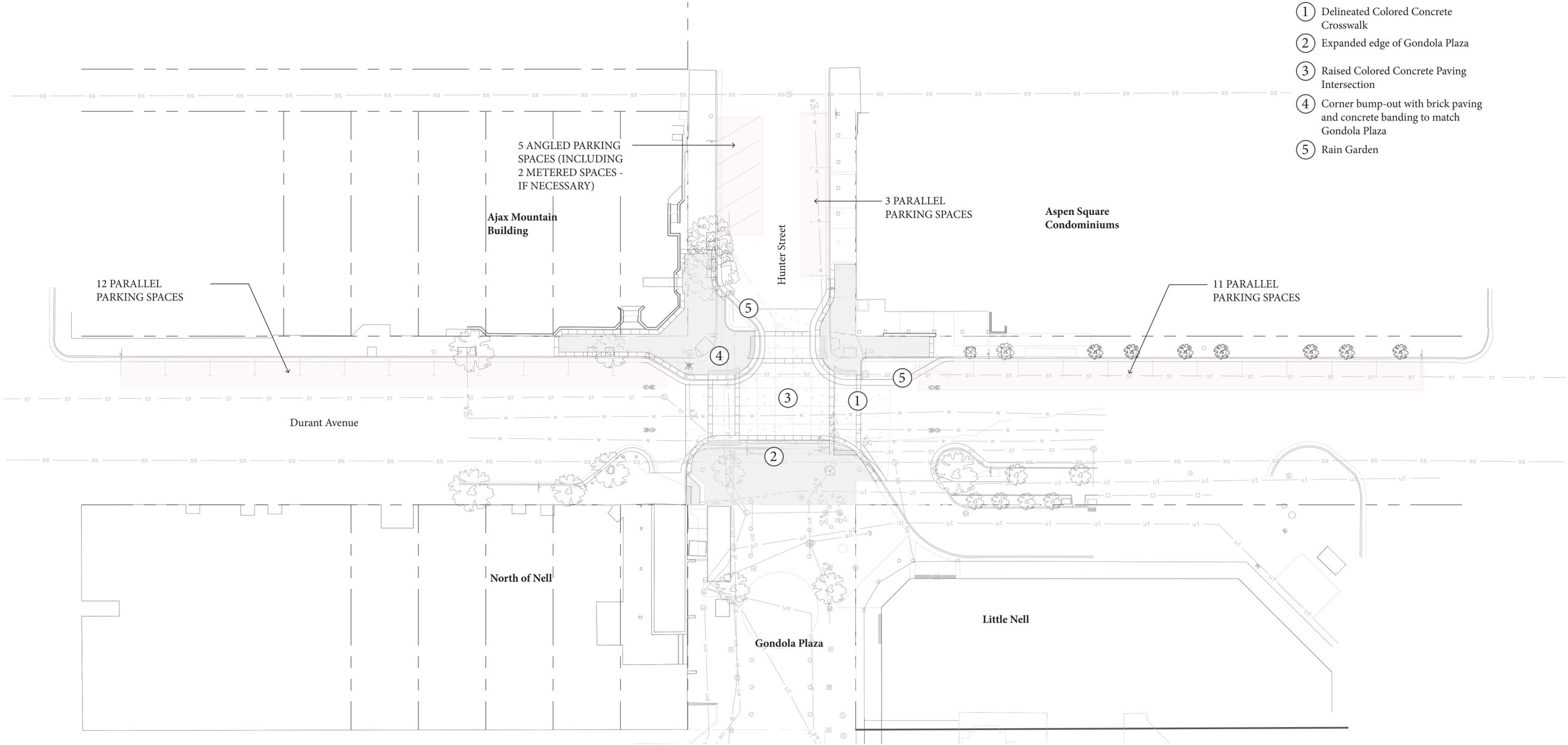


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# PROPOSED IMPROVEMENTS WITHOUT BUS DROP OFF

## LEGEND

- ① Delineated Colored Concrete Crosswalk
- ② Expanded edge of Gondola Plaza
- ③ Raised Colored Concrete Paving Intersection
- ④ Corner bump-out with brick paving and concrete banding to match Gondola Plaza
- ⑤ Rain Garden

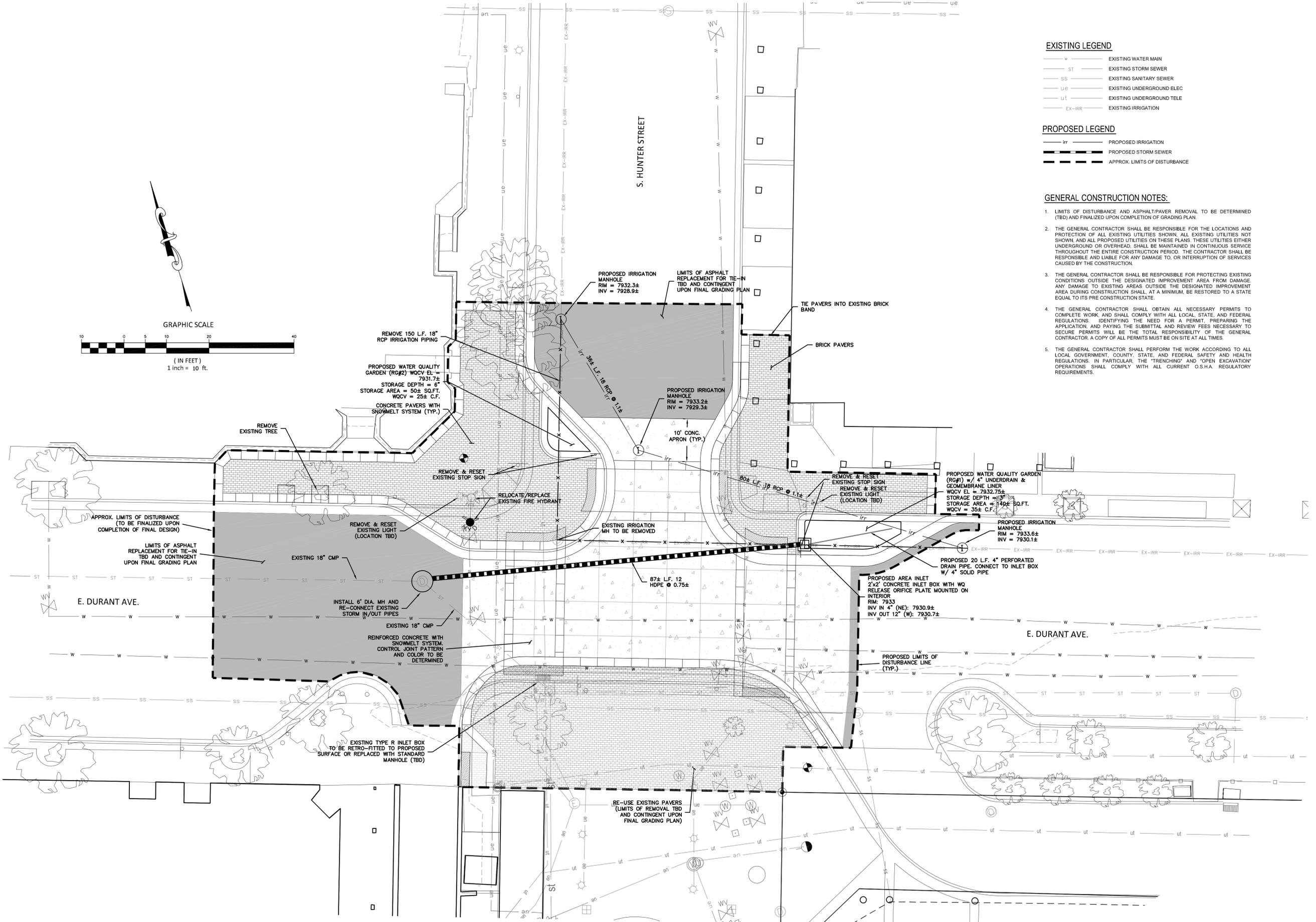


Engineers Opinion of Probable Construction Cost  
Aspen, Colorado  
Hunter Street and Durant Ave.  
SE Job # 12089  
6-7-2013  
Page 1 of 1

ITEM #	ITEM	QUANTITY	UNIT	UNIT COST	ITEM COST
1	MOBILIZATION (5%+/- CONSTRUCTION COST)	1	L.S.	\$ 15,650.00	\$ 15,650.00
2	EARTH WORK	1	L.S.	\$ 15,000.00	\$ 15,000.00
3	TRAFFIC CONTROL	1	L.S.	\$ 25,000.00	\$ 25,000.00
4	DEMOLITION	1	L.S.	\$ 7,500.00	\$ 7,500.00
5	SAW CUT & ASPHALT REMOVAL	940	S.Y.	\$ 13.00	\$ 12,220.00
6	SAW CUT & CONCRETE REMOVAL	2,100	S.F.	\$ 8.50	\$ 17,850.00
7	CURB & GUTTER REMOVAL	356	L.F.	\$ 6.00	\$ 2,136.00
8	PAVER REMOVAL-SKI CO. AREA (STOCKPILE FOR RE-USE)	1,625	S.F.	\$ 4.25	\$ 6,906.25
9	PAVER REMOVAL-ROW	170	S.F.	\$ 4.25	\$ 722.50
10	REMOVAL EXISTING 18-INCH RCP	150	L.F.	\$ 10.00	\$ 1,500.00
11	REMOVAL EXISTING IRRIGATION MANHOLE	1	EA.	\$ 500.00	\$ 500.00
12	RETRO-FIT EXISTING TYPE R INLET	1	LS	\$ 2,500.00	\$ 2,500.00
13	REMOVAL EXISTING TREES	1	EA.	\$ 500.00	\$ 500.00
14	4-FT DIA. IRRIGATION MANHOLE	3	EA.	\$ 2,100.00	\$ 6,300.00
15	18-INCH RCP (IRRIGATION)	116	L.F.	\$ 68.00	\$ 7,888.00
16	4" PERFORATED PVC PIPE (WQ GARDEN #1)	20	L.F.	\$ 25.00	\$ 500.00
17	12-INCH HDPE STORM LINE	87	L.F.	\$ 35.00	\$ 3,045.00
18	2'X2' INLET STRUCTURE (PRE-CAST)	1	EA.	\$ 2,500.00	\$ 2,500.00
19	6" VERTICAL CURB (WQ GARDEN)	300	L.F.	\$ 42.00	\$ 12,600.00
20	6' DIA. MANHOLE & RECONNECT EXISTING STORM LINES	1	EA.	\$ 5,500.00	\$ 5,500.00
21	2' CATCH CURB & GUTTER	160	L.F.	\$ 42.00	\$ 6,720.00
22	6" THICK ASPHALT (ROAD)	135	TON	\$ 250.00	\$ 33,750.00
23	24" WIDE CONCRETE DECORATIVE EDGING (8" THICK)	860	S.F.	\$ 16.00	\$ 13,760.00
24	FURNISH AND INSTALL BRICK PAVERS	3,025	S.F.	\$ 14.50	\$ 43,862.50
25	RE-INSTALL SKI CO. PAVERS	1,625	S.F.	\$ 8.00	\$ 13,000.00
26	HAND-I-CAP RAMP W/ DETECTABLE WARNING PAD	7	EA.	\$ 600.00	\$ 4,200.00
27	6" THICK CONCRETE	3,140	S.F.	\$ 16.00	\$ 50,240.00
28	WATER QUALITY SOIL	12	C.Y.	\$ 75.00	\$ 900.00
29	LANDSCAPING	1	LS	\$ 5,000.00	\$ 5,000.00
30	STREET SIGN RELOCATION	2	EA.	\$ 500.00	\$ 1,000.00
31	LIGHT POLE RELOCATION	2	EA.	\$ 2,000.00	\$ 4,000.00
32	MANHOLE ADJUSTMENT	1	EA.	\$ 500.00	\$ 500.00
33	FIRE HYDRANT RELOCATION	1	EA.	\$ 3,500.00	\$ 3,500.00
34	WATER VALVE ADJUSTMENT	7	EA.	\$ 250.00	\$ 1,750.00
35	MATERIALS TESTING/SURVEY/DESIGN/AS-BUILT (15% OF CC)	1	L.S.	\$ 47,000.00	\$ 47,000.00
SUB TOTAL ITEMS 1-35					\$ 375,500.25
10% CONTINGENCY					\$ 37,550
<b>TOTAL</b>					<b>\$ 413,050</b>
<b>FULL SNOW MELT OPTION (ALL PAVER AND CONCRETE AREAS)</b>					
36	SNOWMELT SYSTEM	8,650	S.F	\$ 20.00	\$ 173,000.00
37	BOILER/VAULT	1	L.S.	\$ 20,000.00	\$ 20,000.00
38	TRAFFIC CONTROL	1	L.S.	\$ 8,500.00	\$ 8,500.00
SUB TOTAL ITEMS 36-38					\$ 201,500.00
5% MOBILIZATION					10,075
15% CONTINGENCY					30,225
<b>FULL SNOW MELT SUB-TOTAL</b>					<b>\$ 241,800</b>

ASSUMPTIONS:

1. PROBABLE COST ESTIMATE IS BASED ON PRELIMINARY DESIGN.
2. COST ESTIMATE ASSUME EXISTING SUB-GRADE & SUB-BASE ARE ACCEPTABLE.
3. EXISTING PAVERS AROUND SKI CO. AREA WILL BE REMOVED AND REPLACED



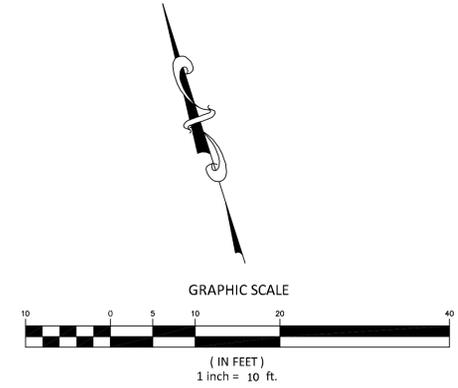
**EXISTING LEGEND**

- w ——— EXISTING WATER MAIN
- ST ——— EXISTING STORM SEWER
- SS ——— EXISTING SANITARY SEWER
- ue ——— EXISTING UNDERGROUND ELEC
- ut ——— EXISTING UNDERGROUND TELE
- EX-IRR ——— EXISTING IRRIGATION

**PROPOSED LEGEND**

- irr ——— PROPOSED IRRIGATION
- PROPOSED STORM SEWER
- APPROX. LIMITS OF DISTURBANCE

- GENERAL CONSTRUCTION NOTES:**
- LIMITS OF DISTURBANCE AND ASPHALT/PAVER REMOVAL TO BE DETERMINED (TBD) AND FINALIZED UPON COMPLETION OF GRADING PLAN.
  - THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATIONS AND PROTECTION OF ALL EXISTING UTILITIES SHOWN. ALL EXISTING UTILITIES NOT SHOWN, AND ALL PROPOSED UTILITIES ON THESE PLANS, THESE UTILITIES EITHER UNDERGROUND OR OVERHEAD, SHALL BE MAINTAINED IN CONTINUOUS SERVICE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE AND LIABLE FOR ANY DAMAGE TO, OR INTERRUPTION OF SERVICES CAUSED BY THE CONSTRUCTION.
  - THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING CONDITIONS OUTSIDE THE DESIGNATED IMPROVEMENT AREA FROM DAMAGE. ANY DAMAGE TO EXISTING AREAS OUTSIDE THE DESIGNATED IMPROVEMENT AREA DURING CONSTRUCTION SHALL, AT A MINIMUM, BE RESTORED TO A STATE EQUAL TO ITS PRE CONSTRUCTION STATE.
  - THE GENERAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE WORK, AND SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS. IDENTIFYING THE NEED FOR A PERMIT, PREPARING THE APPLICATION, AND PAYING THE SUBMITTAL AND REVIEW FEES NECESSARY TO SECURE PERMITS WILL BE THE TOTAL RESPONSIBILITY OF THE GENERAL CONTRACTOR. A COPY OF ALL PERMITS MUST BE ON SITE AT ALL TIMES.
  - THE GENERAL CONTRACTOR SHALL PERFORM THE WORK ACCORDING TO ALL LOCAL, COUNTY, STATE, AND FEDERAL SAFETY AND HEALTH REGULATIONS. IN PARTICULAR, THE "TRENCHING" AND "OPEN EXCAVATION" OPERATIONS SHALL COMPLY WITH ALL CURRENT O.S.H.A. REGULATORY REQUIREMENTS.



INITIALS	DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	

**SOPRIS ENGINEERING, LLC.**  
**CIVIL CONSULTANTS**  
 502 MAIN STREET  
 CARBONDALE, CO 81623  
 (970) 704-0311  
 FAX: (970) 704-0313

NO.	REVISION	BY	DATE

**GONDOLA PLAZA INTERSECTION IMPROVEMENTS**  
**CITY OF ASPEN, COLORADO**  
**CONCEPTUAL SITE PLAN**  
 NOT FOR CONSTRUCTION-PRICING ONLY