PROJECT REFERENCE NO.	SHEET NO.
	SIG-1

GENERAL CONSTRUCTION NOTES:

INSTALLATION AND CONSTRUCTION SHALL CONFORM TO THE STATE DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS SECTIONS APPLICABLE AND STANDARD PLANS DATED AND EFFECTIVE FOR THE CURRENT YEAR AND ANY SPECIAL MUNICIPALITY CODE PROVISIONS.

1. THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE SUBCONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES INCLUDING THOSE NOT SHOWN ON PLANS AND VERIFY ALL JOBSITE CONDITIONS, HAND EXCAVATE FOUNDATION UNTIL CLEAR OF ALL SUBSTRUCTURES AND PROTECT ALL FACILITIES DURING CONSTRUCTION. SUBCONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS FOR UNDERGROUND UTILITY REMOVAL OR LOCATION WITH RESPECTIVE UTILITY OWNERS AS MAY BE REQUIRED SUFFICIENTLY IN ADVANCE TO PREVENT DELAY IN OPERATIONS.
2. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND UTILITIES ENCOUNTERED IN AREAS WHERE EXCAVATIONS ARE INDICATED AND SHALL REPAIR ANY SUCH DAMAGE AT OWN EXPENSE. WHERE UTILITY LINES MUST BE MAINTAINED UNDER STRUCTURE, THEY SHALL BE PROPERLY SLEEVED THROUGH FOUNDATION.
3. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OR REPAIR OF ANY DAMAGE CAUSED BY THEM OR THEIR SUBCONTRACTORS.
4. THE SUBCONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND NOTIFY ALL UTILITIES AND THE CITY AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
5. THE SUBCONTRACTOR IS REQUIRED AND MUST SUBMIT A WEEKLY SCHEDULE PRIOR TO START OF WORK EACH WEEK. (NO EXCEPTIONS)
6. POLE DETECTOR AND EQUIPMENT LOCATIONS SHALL BE AS DEPICTED ON SITE PLAN. THE SUBCONTRACTOR SHALL VERIFY EQUIPMENT FIELD LOCATIONS WITH THE CITY TRAFFIC ENGINEER OR LOCAL AND/OR EXCAVATION AUTHORITY AND ACS PRIOR TO INSTALLATION.
7. THE SUBCONTRACTOR SHALL SUPPLY AND INSTALL ALL CONDUCTORS NECESSARY FOR THE INTENDED OPERATION AS NOTED ON THESE PLANS, NEC AND ALL APPLICABLE MUNICIPALITY CODES.
8. PROVIDE ANCHOR BOLT NUT COVERS FOR ALL STANDARDS.
9. ALL PULLBOXES AND COVERS SHALL BE CONCRETE OR PVC AS REQUIRED BY THE MUNICIPALITY. ALL PULLBOXES SHALL BE NO. 5 UNLESS OTHERWISE NOTED OR REQUIRED BY THE MUNICIPALITY.
10. ALL CONCRETE FORMS ARE TO BE INSPECTED BY LOCAL AUTHORITIES BEFORE CONCRETE IS PLACED.
11. THE SUBCONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES DURING TRAFFIC SIGNAL INSTALLATION.
12. INDUCTIVE LOOPS SHALL BE 40' x 80' OR APPLICABLE (SEE DETAIL IN THE TECHNICAL SPECIFICATIONS) WITH FOUR (4) TURNS, UNLESS OTHERWISE SPECIFIED ON PLAN, OF IMSA SPECIFICATION 51-5 XLPE APPROVED LOOP DETECTOR WIRE AND BLASTOMERIC SEALANT, PER LOCAL CODES THE LEAD IN RUNS WILL BE INSTALLED WITH FIVE (5) TURNS PER FOOT INTO THE STUBOUT PER CITY AND DOT STANDARDS. ALL DLC'S SHALL MEET IMSA SPECIFICATION 50-2. ALL CONDUITS SHALL BE PVC, 2" MINIMUM INSIDE DIAMETER, UNLESS OTHERWISE SPECIFIED ON PLAN.
13. THERE SHALL BE A MINIMUM OF 36" BETWEEN EXISTING LOOPS AND PROPOSED INDUCTIVE LOOPS.
14. INDUCTIVE LOOP CABLE INTO NEW NO. 5 PULLBOX SHALL BE THROUGH 2" MINIMUM PVC CONDUIT SPACED 6" APART TO ISOLATE THIS SIGNALING AND PREVENT INTERFERENCE.
15 ALL CUT LINES SHALL HAVE A MINIMUM SPACING OF 12".
16. ALL INDUCTIVE LOOPS AND CUT LINES SHALL BE PLACED A MINIMUM OF 40" FROM ANY METAL COVERS AND/OR GRATING IN ROAD SURFACES.
17. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING AND COORDINATION WITH THE SERVING (ELECTRICAL) UTILITY COMPANY AND PAY REQUIRED FEES FOR SERVICE CONNECTIONS.
18. THE SUBCONTRACTOR TO OBTAIN A NO FEE ENCROACHMENT PERMIT FROM THE CITY PRIOR TO COMMENCEMENT OF WORK. ALL WORK SHALL BE INSPECTED BY CITY FORCES. AT COMPLETION OF PROJECT CONTACT THE CITY TRAFFIC ENGINEER 24 HOURS PRIOR TO COMPLETION OF WORK.
19. THE SUBCONTRACTOR IS TO BUILD AND MAINTAIN A CONSTRUCTION BARRICADE (ALL NECESSARY LIGHTS, SIGNS, ETC. IF REQUIRED) FOR PROTECTION OF THE PUBLIC AS DIRECTED BY THE LOCAL AUTHORITIES.
20. ALL SUBCONTRACTORS TO PROVIDE LIABILITY INSURANCE AND WORKERS COMPENSATION BENEFITS IN ACCORDANCE WITH STATE LAW FOR ALL WORKERS AND AGENTS WHO WILL BE ON THE SITE AT ANY TIME WHILE PERFOMING WORK ON THIS PROJECT.
21. ALL WORK SHALL BE IN ACCORDANCE WITH NEC, ALL LOCAL, STATE AND FEDERAL CODES, ORDINANCES AND ANY APPLICABLE AMENDMENTS.
22. ALL DEBRIS, EXCESS MATERIAL, ETC. IS TO BE REMOVED BY THE SUBCONTRACTOR BY THE END OF THE JOB. JOB TO BE LEFT SUFFICIENTLY CLEAN AS TO WARRANT CITY APPROVAL.
23 THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, FEES AND INSPECTIONS AS MAY BE REQUIRED FOR COMPLETION OF THE JOB AS PER ALL GOVERNING AGENCIES.
24. THE SUBCONTRACTOR TO PROVIDE COST ESTIMATE FOR ALL WORK SHOWN ON DRAWINGS AND WORK NORMALLY REQUIRED TO CARRY OUT THE DESIGN INTENT OF THESE DRAWINGS.
25. DRAWINGS ARE NOT TO BE SCALED. WORK SHALL BE GOVERNED BY DIMENSION ONLY. DISCREPANCIES BETWEEN THE DRAWINGS AND/OR THE EXISTING SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF ACS IMMEDIATELY.
26. RLC EQUIPMENT SHALL NOT BE INSTALLED ON MEDIANS LESS THAN FIVE FEET (5') IN WIDTH.
27. RLC RELATED EQUIPMENT SHALL NOT BE INSTALLED WITHIN FIVE FEET (5') OF FIRE HYDRANT.
28. RLC RELATED EQUIPMENT SHALL NOT BE INSTALLED WITHIN FOUR FEET (4') OF ADA RAMPS.
29. SUBCONTRACTOR SHALL SUPPLY AS-BUILT DRAWINGS TO ACS ENGINEERING DEPARTMENT WITHIN THIRTY (30) DAYS OF CONSTRUCTION COMPLETION.
30. SUBCONTRACTOR SHALL COMPLETE A "RLC POST CONSTRUCTION INSTALLATION ACCEPTANCE FORM" FOR EACH RLC INSTALLED. COMPLETED FORMS SHALL BE FORWARDED TO ACS CONSTRUCTION DEPARTMENT.
31. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE RESPECTIVE OWNERS AND OTHER AGENCIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
CONTACT: CITY OF RALEIGH PUBLIC WORKS DEPT., TRAFFIC ENGINEERING DIV.

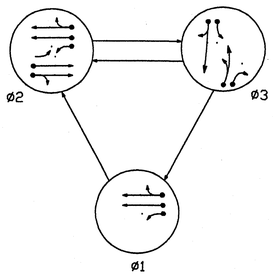
* GAS COMPANY
* WATER DISTRICT
* PHONE COMPANY
* CABLE COMPANY
* LOCAL AND/OR STATE EXCAVATION AUTHORITY

32. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING LOOPS, LEAD-INS OR OTHER TRAFFIC SIGNAL EQUIPMENT. ANY DAMAGE TO LOOPS, LEAD-INS OR OTHER SIGNAL EQUIPMENT SHALL BE REPAIRED IN ACCORDANCE WITH CURRENT NCDOT SIGNAL STANDARDS.

SPECIFIC CONSTRUCTION NOTES:

1. THE SUBCONTRACTOR SHALL INSTALL ALL SUBSTRUCTURES ACCORDING TO LOCAL GOVERNING AGENCY FROST LINE REQUIREMENTS WHERE APPLICABLE.
2. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING PHOTO ENFORCEMENT SIGNAGE PER CITY STANDARDS.
3. THE SUBCONTRACTOR SHALL SUPPLY AND INSTALL "TRANSPO, INC." BREAKAWAY BOLTS ONTO 1" ABS. THREADED BOLT SHALL NOT PROTRUDE MORE THAN 2-1/2" ABOVE FINISHED CONCRETE SURFACE.
4. PULLBOX COVERS SHALL HAVE MARKING "TRAFFIC SIGNAL".

PHASING DIAGRAM



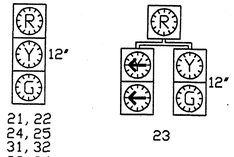
PHASING DIAGRAM DETECTION LEGEND

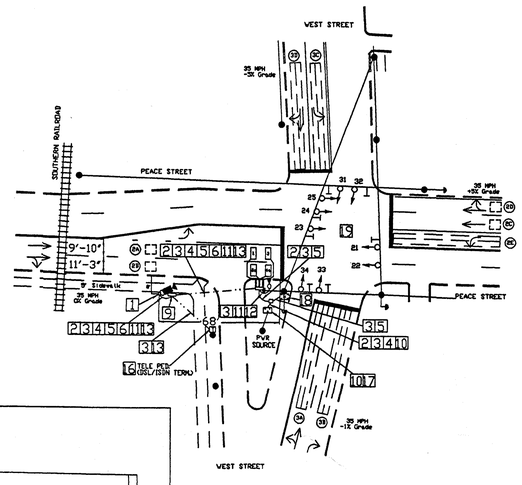
- PULSE DETECTION
- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

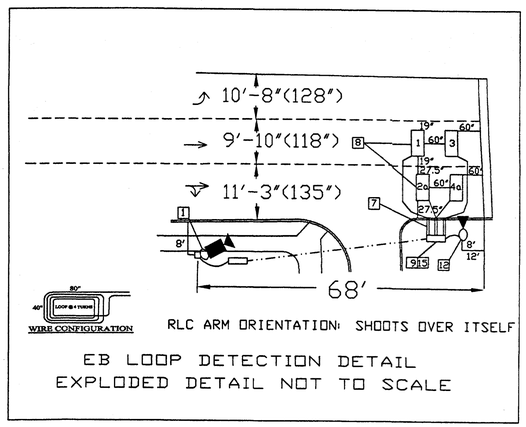
TABLE OF OPERATION				
SIGNAL FACE	PHASE ø1	ø2	ø3	FLASH
21, 22	R	G	R	Y
23	R	G	R	Y
24, 25	G	G	R	Y
31, 32	R	R	G	R
33, 34	R	R	G	R

SIGNAL FACE I.D.

Denotes L.E.D.







EB LOOP DETECTION DETAIL
EXPLODED DETAIL NOT TO SCALE

LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Pedestal	
	Pedestrian Signal Head With Push Button & Sign	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way with Marker	
	Directional Arrow	
	Pavement Marking Arrow	
N/A	Left Arrow 'ONLY' Sign (R3-5L)	Ⓐ
N/A	Right Arrow 'ONLY' Sign (R3-5R)	Ⓑ
N/A	'NO TURN ON RED' Sign (R10-11)	Ⓒ
N/A	12"-4" RIGHT LEFT	Ⓓ

LOOP & DETECTOR UNIT INSTALLATION CHART

INDUCTIVE LOOPS					DETECTOR UNITS								
LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	NEW	UNIT NO.	NEW	EXISTING	CHANNEL	NEMA PHASE	TIMING FEATURE	TIMING TIME	PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?
2A, 2B	6' X6'	Existing	70'	·	X	1	·	X	1	——	—— SEC.	ALL	NO
2C, 2D	6' X6'	Existing	70'	·	X	1	·	X	2	——	—— SEC.	ALL	NO
2E	5' X60'	Existing	0'	·	X	2	·	X	1	DELAY	15 SEC.	ALL	YES
3A	5' X60'	Existing	0'	·	X	3	·	X	1	——	—— SEC.	ALL	NO
3B	5' X60'	Existing	0'	·	X	3	·	X	2	——	—— SEC.	ALL	NO
3C	5' X60'	Existing	0'	·	X	4	·	X	1	——	—— SEC.	ALL	NO
3D	5' X60'	Existing	0'	·	X	4	·	X	2	——	—— SEC.	ALL	NO

TIMING CHART

PHASE	ø1	ø2	ø3
MINIMUM GREEN	7 SEC.	10 SEC.	7 SEC.
PASSAGE/GAP	1.0 SEC.	3.0 SEC.	1.0 SEC.
YELLOW CHANGE INT.	4.0 SEC.	4.0 SEC.	4.0 SEC.
RED CLEARANCE	2.0 SEC.	2.0 SEC.	2.0 SEC.
MAX. 1	15 SEC.	30 SEC.	20 SEC.
MAX. 2	20 SEC.	40 SEC.	30 SEC.
RECALL POSITION	NONE	MIN. RECALL	NONE
VEHI. CALL MEMORY	NONLOCK	LOCK	NONLOCK
WALK	—— SEC.	—— SEC.	—— SEC.
FLASHING DON'T WALK	—— SEC.	—— SEC.	—— SEC.

3 Phase
Fully Actuated
(Raleigh City Signal System)

LEGEND

- VIDEO DETECTION CAMERA
- RLC POLE ASSEMBLY
- AUXILIARY FLASH ASSEMBLY
- NO. 5 PULLBOX
- POWER PEDESTAL

CONSTRUCTION LEGEND:

1. ACS TO PROVIDE POLE CAMERA UNIT. SUBCONTRACTOR TO PROVIDE 2' X 2' X 30" PCC FOUNDATION. SUBCONTRACTOR SHALL INSTALL 4" CAP AT LEAST 30" WIDE. POLES SHALL BE 36" MIN. FROM CURB FACE UNLESS OTHERWISE NOTED ON DRAWING.

   NOTE: INSTALL TO LOCAL & NEC SPECIFICATIONS, 10' GROUND ROD AND # 10 SOLID GROUND WIRE TO EACH CAMERA POLE FRAME AS EQUIPMENT BOND. SUBCONTRACTOR SHALL SUPPLY & INSTALL TRANSPO # 4100 BREAK AWAY BOLTS. SUBCONTRACTOR SHALL SUPPLY CEMENT CAP AT BASE OF POLE.
2. INSTALL 3 # 10 THW CABLING FOR 120 Vac POWER. COLOR CODE BLACK, WHITE & GREEN.
3. INSTALL 2" PVC CONDUIT PER CITY SPECIFICATIONS, STUB INTO NEW OR EXISITING PULL BOX.
4. CONNECT 3 WIRE CIRCUIT TO CONTROLLER OR TRAFFIC SIGNAL POLE ON SEPERATE 20 AMP CIRCUIT BREAKER FOR 120 Vac POWER. ROUTE TO ALL RLC CAMERAS.
5. INSTALL 3 CONDUCTOR # 14 SHIELDED CABLE FOR 120 Vac RED AND YELLOW PHASE CONTROL. ROUTE FROM RLC CAMERA TO TRAFFIC SIGNAL POLE TAP BOX. REFER TO CR 9321 MAGNETIC MODULE WIRING DETAIL ON SHEET 2.
6. INSTALL (4) 2 CONDUCTOR SHIELDED DLC'S WITH DRAIN WIRE; IMSA 50-2, 12 AWG CABLING TO EACH ACS POLE. (4 EACH CABINET)
7. INSTALL LOOP STUB OUT TO PULL BOX. EACH LOOP LEAD WIRE SHALL BE CUT IN SEPERATE CHANNELS TO STUB OUT.
8. INSTALL (4) LOOP DETECTORS; IMSA 51-7, 14 AWG CABLING.
9. INSTALL NEW PULL BOX; ALL PULL BOXES SHALL BE NO. 5 UNLESS OTHERWISE NOTED ON DRAWING.
10. INSTALL IN-LINE FUSE HOLDERS RATED AT 20 AMPS FOR POWER.
    INSTALL IN-LINE FUSE HOLDERS RATED AT 5 AMPS FOR PHASE CONDUCTORS.
11. INSTALL 3 PAIR # 14 THW AND 6 PAIR IMSA 59-2, #22 AWG FOR AUXILIARY FLASH POWER AND TRIGGERING FOR EACH AUXILIARY FLASH UNIT.
12. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING 9' AUXILIARY FLASH POLE. INSTALL PELCO TYPE 1A FOOTING WITH A 12" BOLT CIRLCE FOR FLASH POLE.

    NOTE: INSTALL TO LOCAL & NEC SPECIFICATIONS, 10' GROUND ROD AND # 10 SOLID GROUND WIRE TO EACH AUX FLASH POLE FRAME AS EQUIPMENT BOND. SUBCONTRACTOR SHALL SUPPLY & INSTALL TRANSPO # 4100 BREAK AWAY BOLTS. SUBCONTRACTOR SHALL SUPPLY CEMENT CAP AT BASE OF POLE.
13. INSTALL 6 PAIR IMSA 59-2, # 22 AWG FOR RLC ROUTER INTERFACE CABLE. ROUTE FROM TELEPHONE JUNCTION BOX TO EACH GTCD POLE.
14. SUB CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING NEW OVERHEAD WIRING AND LASHING.
15. SPLICE & SOLDER LOOP DETECTOR LEAD INS TO DLC CABLES AND INSTALL 3M COUPLERS OR EQUIVALENT IN THE PULL BOX.
16. TELEPHONE ISDN TERMINATIONS.
17. INSTALL POWER PEDESTAL TO DOT SPECIFICATIONS. POWER PEDESTAL LOCATION TO BE DETERMINED BY SERVICE PLANNER
18. INSTALL CR 9321 MAGNETIC MODULE AT TRAFFIC SIGNAL CONTROLLER CABINET. SEE CR 9321 WIRING DIAGRAM ON SHEET 2. INSTALL 3 # 10 THW CABLING FOR 120 Vac POWER FOR MAGNETIC SWITCH. COLOR CODE BLACK, WHITE & GREEN.
19. UPGRADE ALL SIGNAL HEADS TO L.E.D. INDICATIONS.

Signal Upgrade
Prepared in the Offices of:
Ramey Kemp & Associates, Inc.
Transportation Engineers
4968-A Windy Hill Drive Raleigh, NC 27609
(919) 870-0576 fax (919) 870-0815

CITY OF RALEIGH
TRANSPORTATION

Peace Street
at
West Street

Division 05 | Wake County | Raleigh

PLAN DATE: 4-16-04 | REVIEWED BY: [redacted]
PREPARED BY: [redacted] | RKA PROJ. NO.: 04052 (040)

REVISIONS	INIT.	DATE

SCALE 0 40 1"=40'

SEAL

[redacted]

4/22/04
SIGNATURE DATE
SIG. INVENTORY NO. CITY

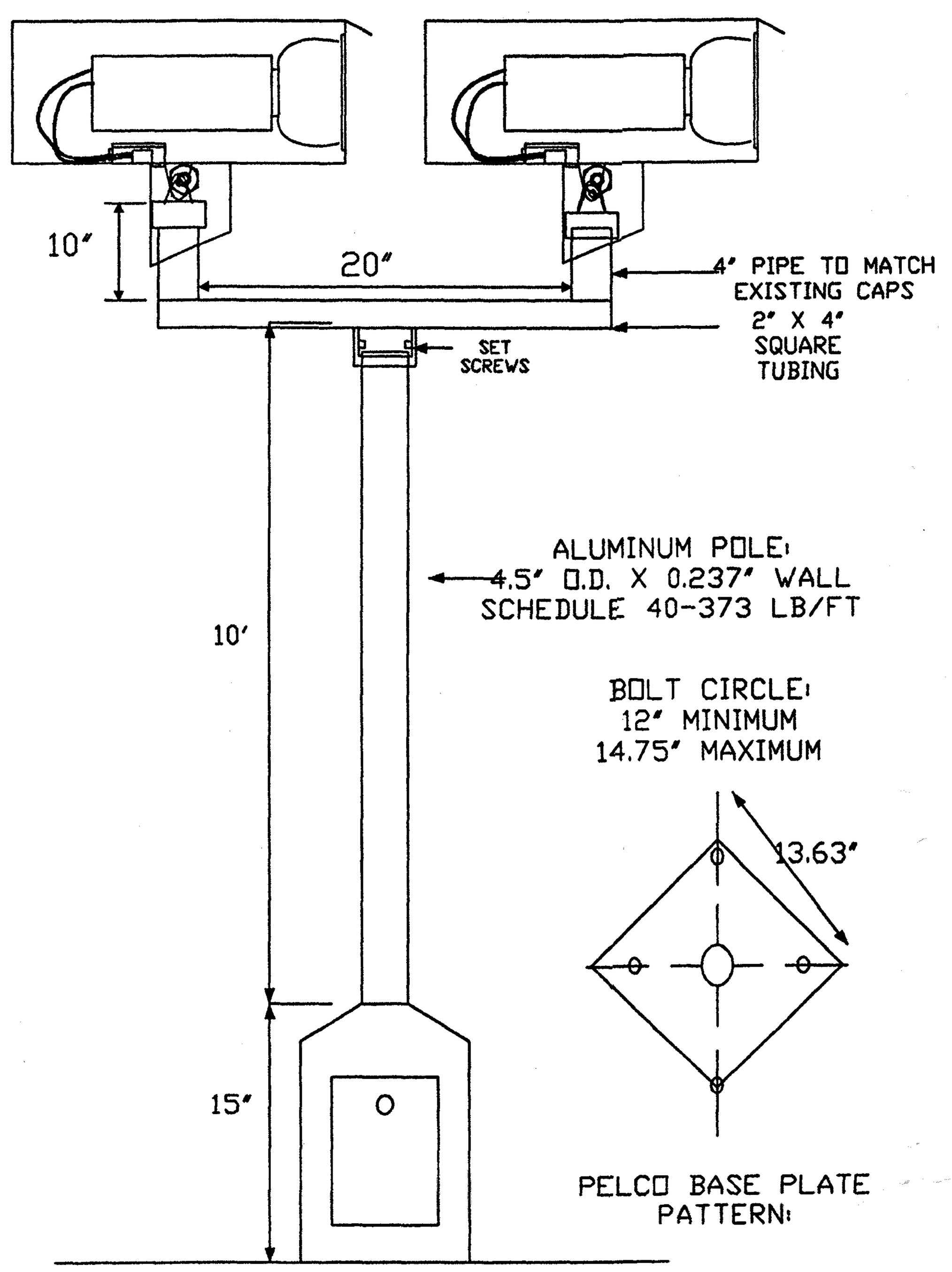
ACS STATE AND LOCAL SOLUTIONS
PUBLIC SAFETY SOLUTIONS
8425 N. 90TH STREET, SUITE B
SCOTTSDALE, AZ 85258
TEL: 480-596-5997 FAX: 480-596-1972

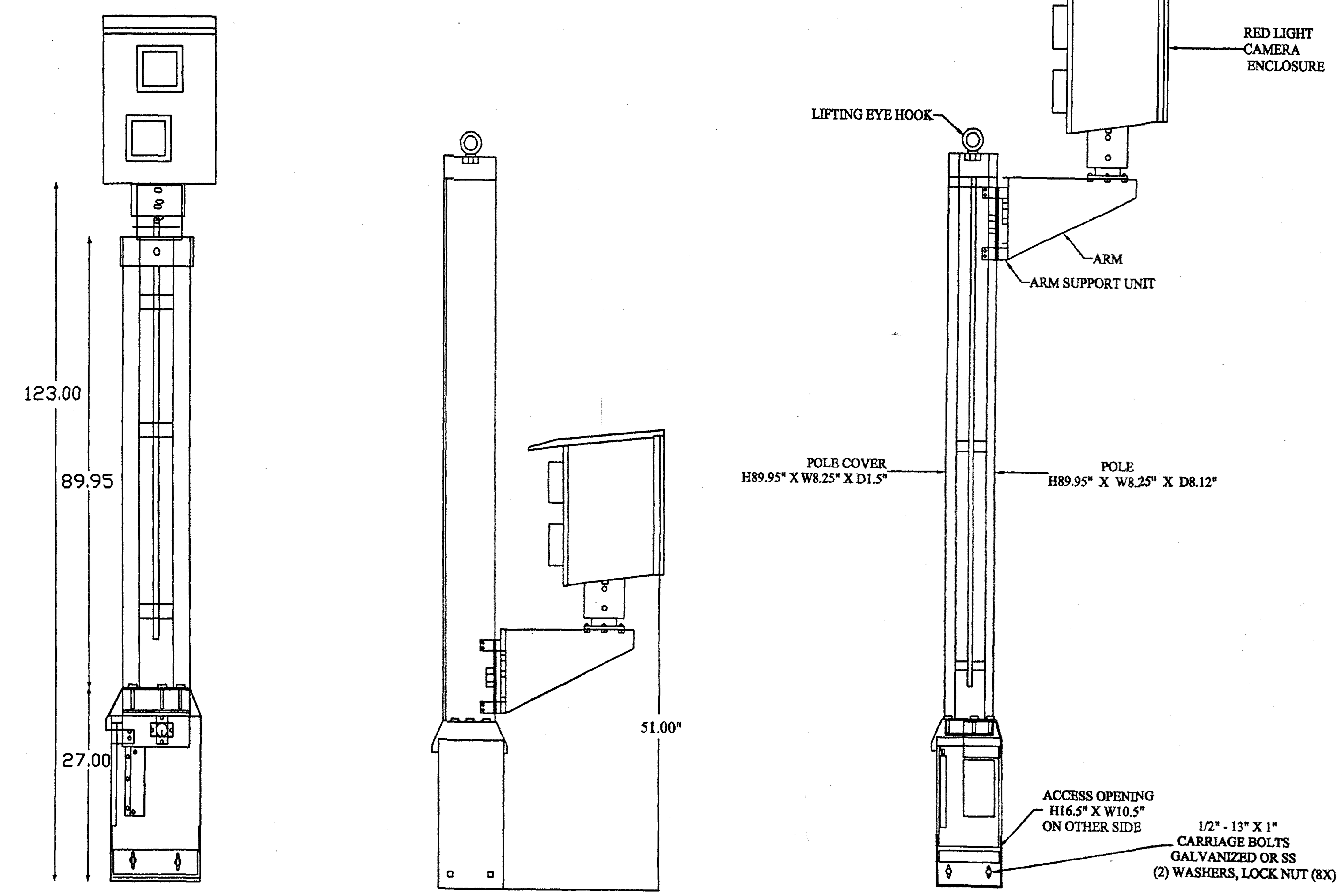
RED LIGHT PHOTO ENFORCEMENT PLAN
CITY OF RALEIGH
EB, PEACE ST @ WEST STREET

SCALE: 1" = 40' | APPROVED BY: [redacted] | DESIGNED BY: [redacted]
DATE: 4/6/2004 | DRAWN BY: [redacted] | CHECKED BY: [redacted]
SHEET 1 OF 2

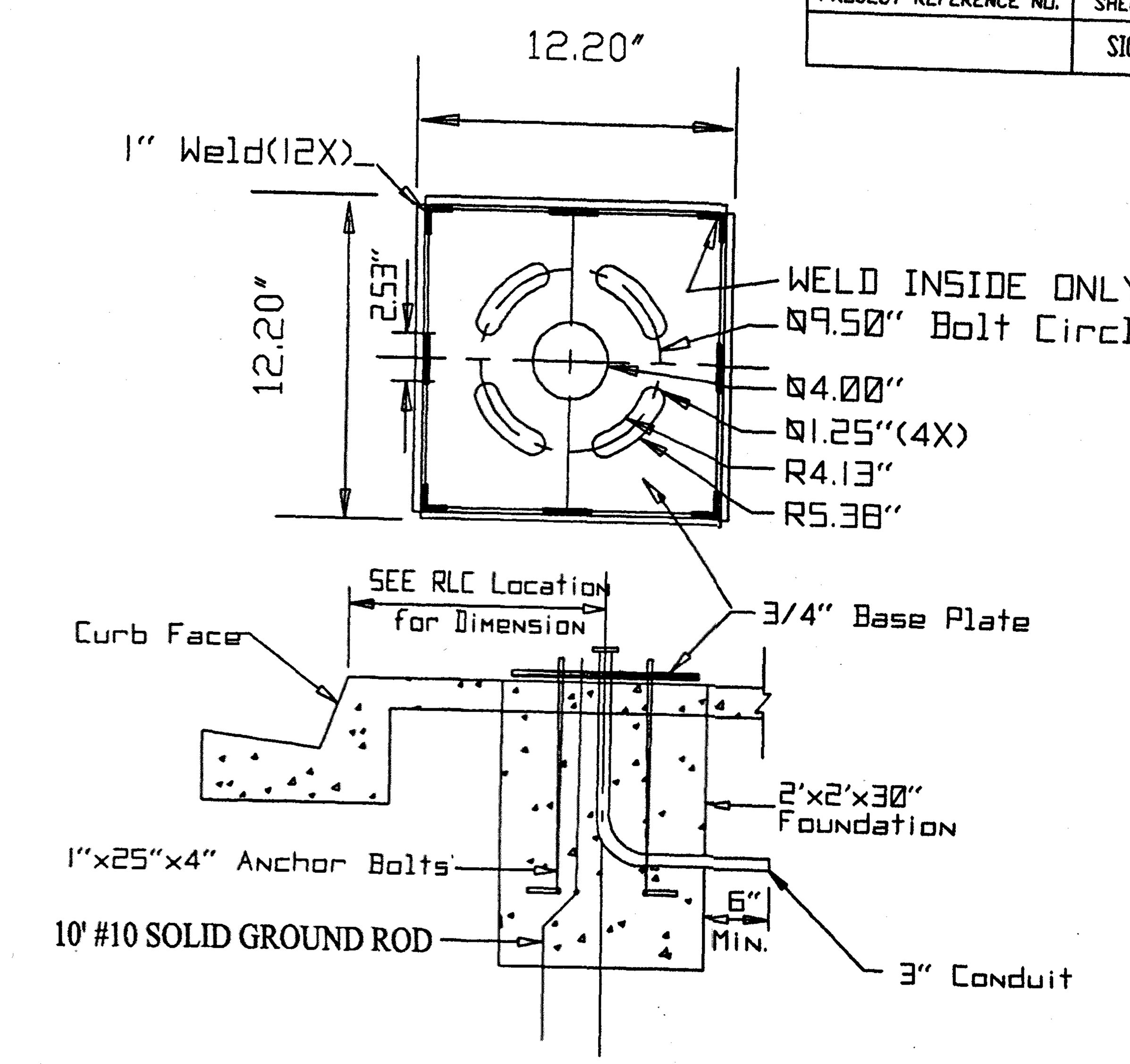
FREE STANDING PELCO POLE

DUAL AUX ARMS MANUFACTURED IN ALUMINUM



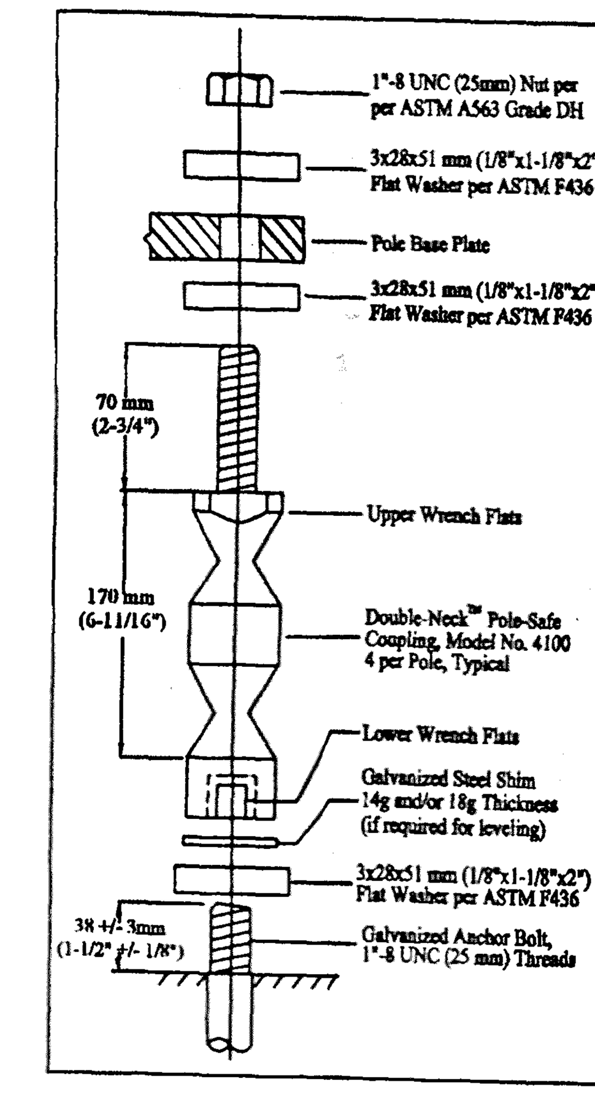


RLC MECHANICAL MOTORIZED POLE DETAIL



Detail "B"

Not to Scale



SPECIFICATION

Breakaway Support Couplings (longitudinally grooved) conforms to AASHTO standards for breakaway supports for light poles and approved by FHWA for use on Federal Aid projects.

Tensil strenghth	49.8 kips min.
Restrained shear	5.5 kips min.
Nut torque	175 ± 25 ft. lbs.

*Torque control nut should not be used in highly corrosive environment.

Coupling coating / Anchor Bolt	External surface: Phosphate per Mill. Std. TTC-490 method 3 type 2, prime using cathodic epoxy electrocoat and fusion bond coat with black nylon #11, 7-15 mil thick. Internal Threads: Dry film Lubricant per Mil-L-23398. 1" -8 UNC per ASTM 153, 2-1/2" - 3" above foundation. (Supplied by others.)
Installation note:	Coupling is installed 1/8" min. to 3/8" max. off the anchor foundation and provides for leveling. (See installation instructions).

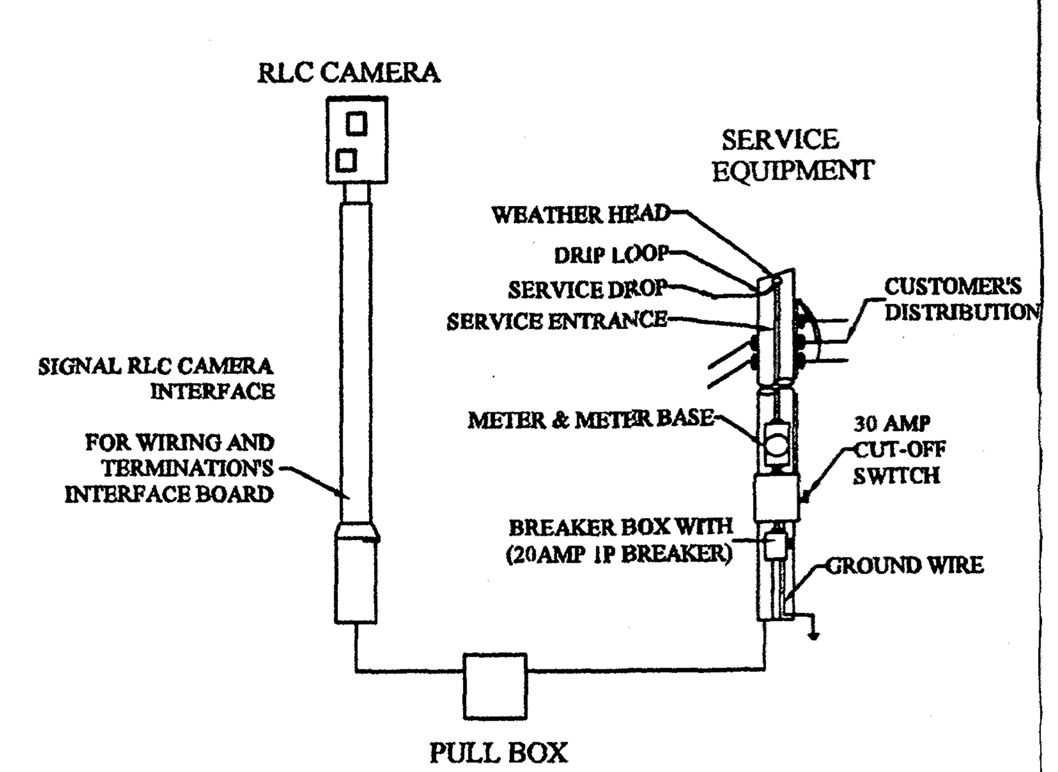
INTENDED USE

The breakaway support coupling is used with base plate equipped poles installed in locations exposed to vehicular collisions, on 1" diameter HDG anchor bolts.

BREAKAWAY SUPPORT COUPLINGS FOR LIGHT POLES FOR USE WITH 1" DIAMETER HDG ANCHOR BOLT
Model No. 4100

pole-safe® BY TRANSPO® INDUSTRIES INC.

SINGLE LINE DRAWING



1. The pole diameter shall be at least six (6) inches at its smallest dimension. The setting depth shall be five (5) feet minimum for poles thirty (30) feet tall or less. Poles between thirty (30) and fifty (50) feet tall shall have a setting depth of seven (7) feet. Contact the company for the setting depths of poles taller than (50) feet.

2. The height of the pole must be such that minimum required clearance for company and customer conductors are maintained.

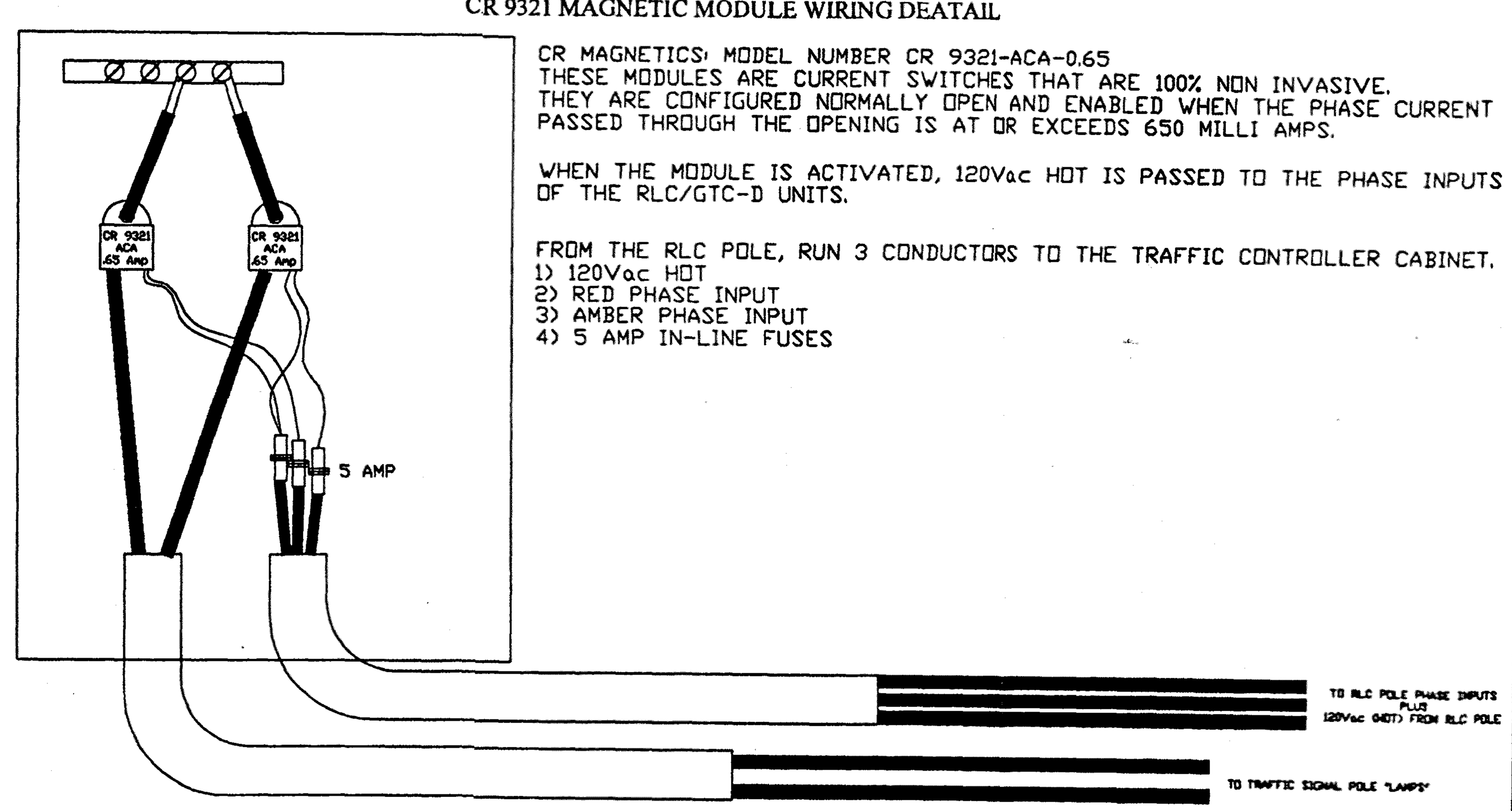
3. The customer owned pole must be approved by the company prior to upgrading service.

4. Service entrance conductors where entering and exiting the meter base shall have watertight connectors.

5. The center of the meter shall be no lower than four (4) feet or higher than six (6) feet (5 feet preferred) above final grade or final grade of the traveled surface.

6. A clear space shall be maintained.

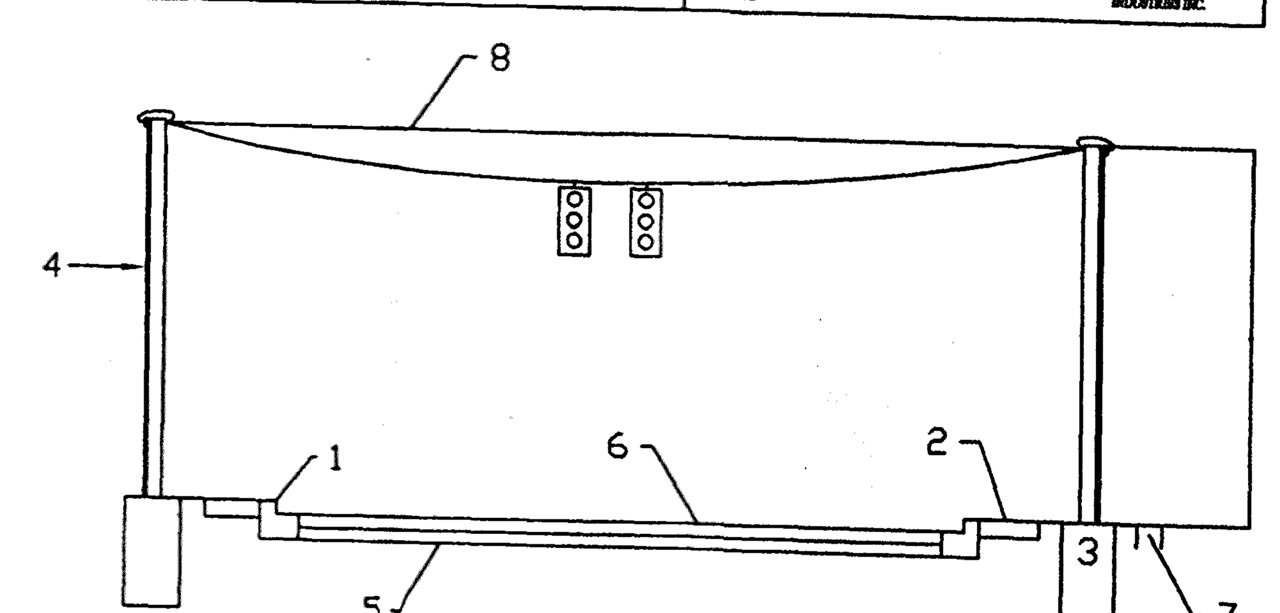
CR 9321 MAGNETIC MODULE WIRING DEATAIL



CR MAGNETICS: MODEL NUMBER CR 9321-ACA-0.65
THESE MODULES ARE CURRENT SWITCHES THAT ARE 100% NON INVASIVE.
THEY ARE CONFIGURED NORMALLY OPEN AND ENABLED WHEN THE PHASE CURRENT PASSED THROUGH THE OPENING IS AT OR EXCEEDS 650 MILLI AMPS.

WHEN THE MODULE IS ACTIVATED, 120Vac HOT IS PASSED TO THE PHASE INPUTS OF THE RLC/GTC-D UNITS.

FROM THE RLC POLE, RUN 3 CONDUCTORS TO THE TRAFFIC CONTROLLER CABINET.
1) 120Vac HOT
2) RED PHASE INPUT
3) AMBER PHASE INPUT
4) 5 AMP IN-LINE FUSES



Street Section Detail

1) Curb
2) Sidewalk
3) Polebase
4) 2" Sch. 80 Conduit
5) 4" Ballast
6) 6" Asphalt
7) Pullbox
8) 7 Conductor #14 Shielded

Signal Upgrade

Prepared in the Offices of:
Ramey Kemp & Associates, Inc. Transportation Engineers
4928-A Windy Hill Drive Raleigh, NC 27609 (919) 872-5115 fax (919) 878-5416

CITY OF RALEIGH TRANSPORTATION

Peace Street at West Street

Division 05	Vake County	Raleigh
PLAN DATE:	REVIEWED BY:	
PREPARED BY:	RKA PROJ. NO:	04052 (040)

REVISIONS	INIT.	DATE

SCALE NONE

SEAL [redacted]

4/28/04

ACS STATE AND LOCAL SOLUTIONS
PUBLIC SAFETY SOLUTIONS

RED LIGHT PHOTO ENFORCEMENT PLAN
CITY OF RALEIGH
EB, PEACE STREET & WEST STREET

SCALE: NONE | APPROVED BY: [redacted] | DRAWN BY: [redacted]
DATE: 04/26/2004 | REVISED: 04/26/2004