

PHASING DIAGRAM

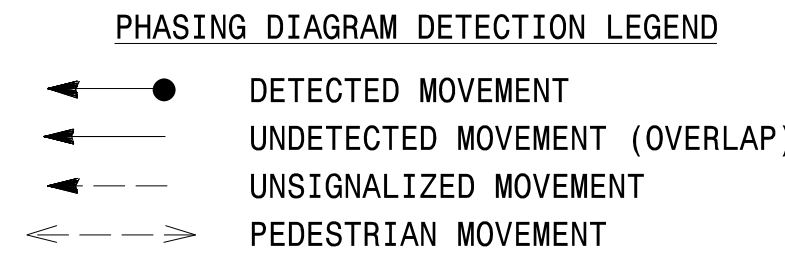
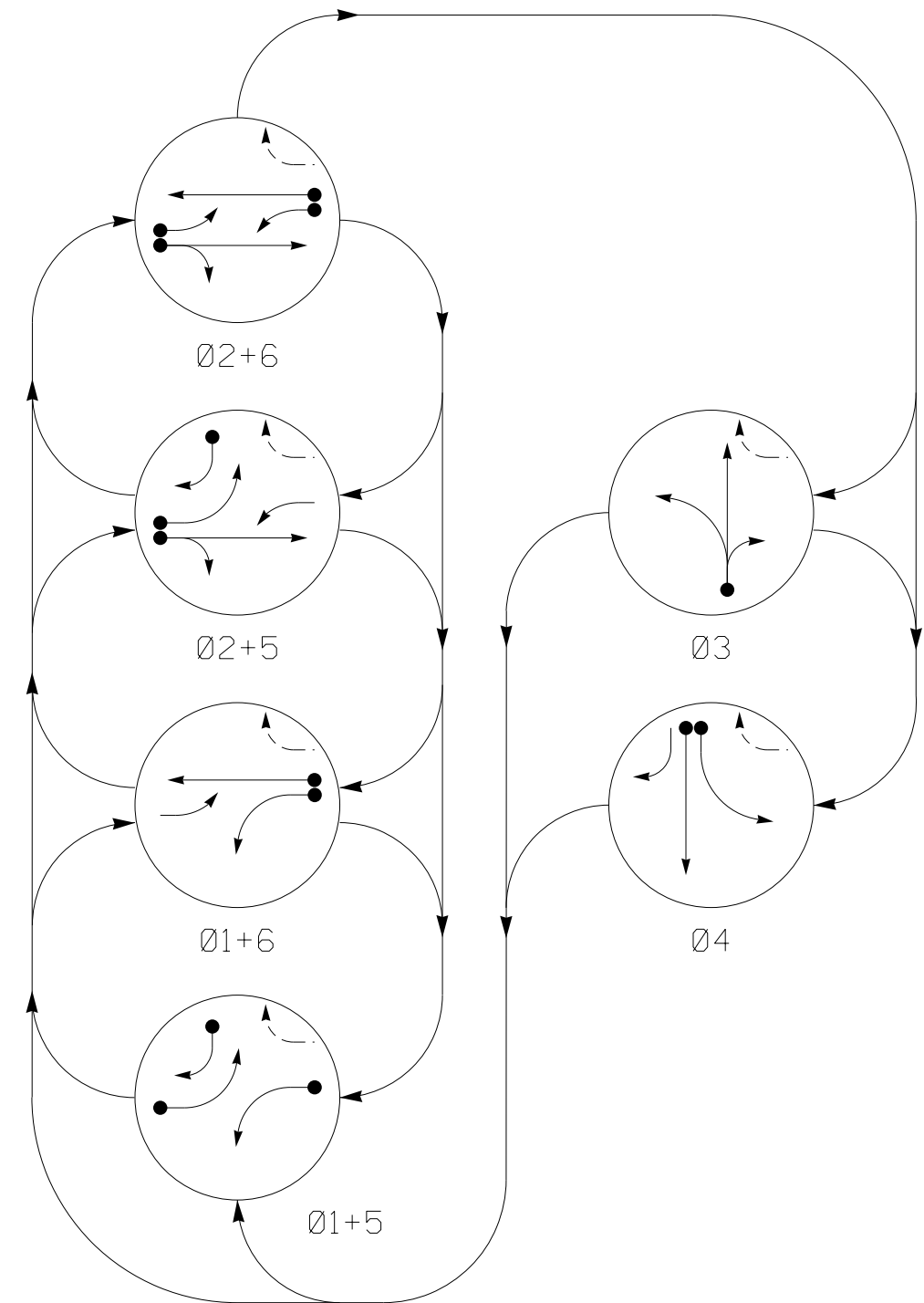
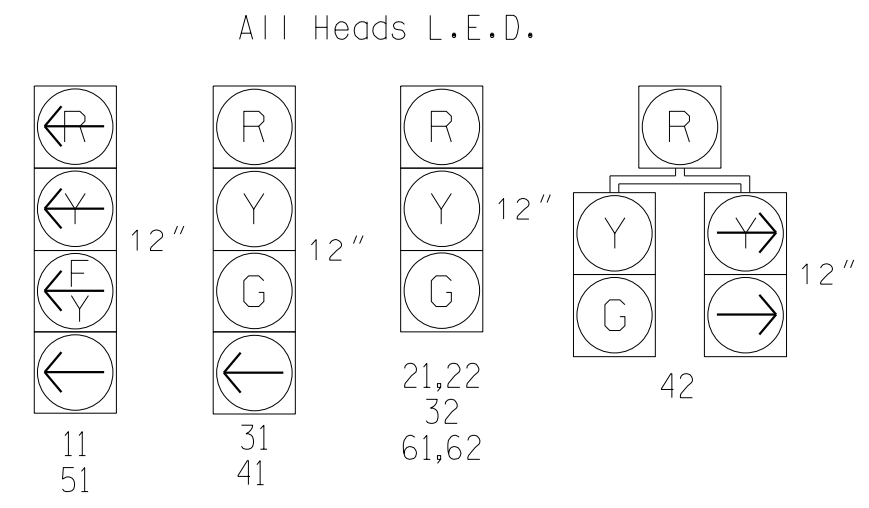


TABLE OF OPERATION

SIGNAL FACE	PHASE					
	Ø 1+5	Ø 1+6	Ø 2+5	Ø 2+6	Ø 3	Ø 4
11	←	←	←	←	←	←
21,22	R	R	G	G	R	R
31	R	R	R	R	G	R
32	R	R	R	R	G	R
41	R	R	R	R	G	R
42	R	R	R	R	G	R
51	←	←	←	←	←	←
61,62	R	G	R	G	R	R

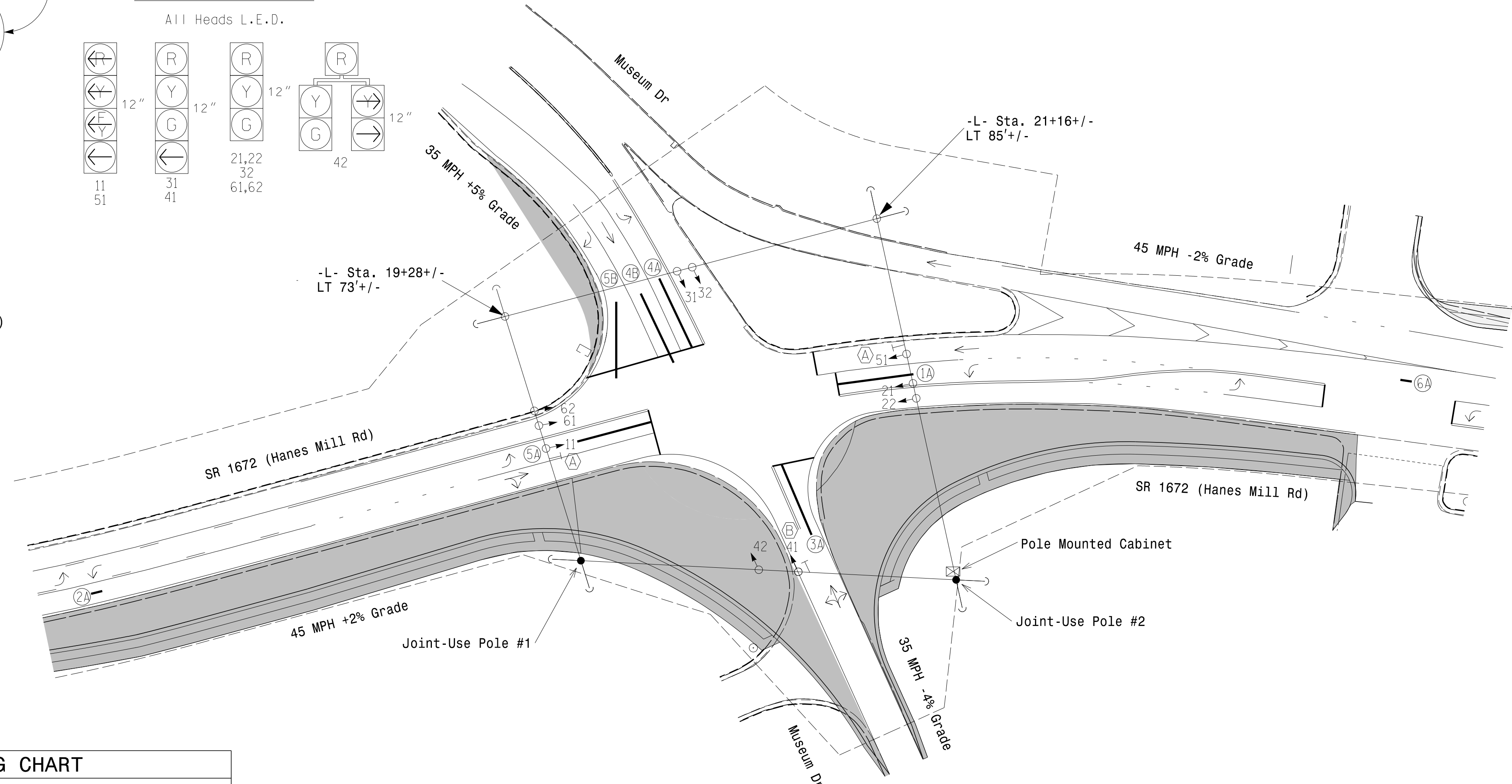
SIGNAL FACE I.D.



OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

ZONE	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	DETECTOR PROGRAMMING				SYSTEM LOOP	NEW CARD		
					PHASE	CALLING	EXTENSION	FULL TIME DELAY			STRETCH TIME	DELAY TIME
1A *	6X40	0	*	*	1	Y	Y	-	-	15	-	*
2A *	6X6	300	*	*	2	Y	Y	-	-	-	-	*
3A *	6X40	0	*	*	3	Y	Y	-	-	10	-	*
4A *	6X40	0	*	*	4	Y	Y	-	-	3	-	*
4B *	6X40	+5	*	*	4	Y	Y	-	-	-	-	*
5A *	6X40	0	*	*	5	Y	Y	-	-	15	-	*
5B *	6X40	+5	*	*	5	Y	Y	-	-	15	-	*
6A *	6X6	300	*	*	6	Y	Y	-	-	-	-	*

* Video Detection Zone



OASIS 2070 TIMING CHART

FEATURE	PHASE					
	1	2	3	4	5	6
Min Green 1 *	7	12	7	7	7	12
Extension 1	2.0	6.0	2.0	2.0	2.0	6.0
Max Green 1 *	20	75	15	30	20	75
Yellow Clearance	3.0	4.7	4.2	3.5	3.0	4.7
Red Clearance	1.9	1.2	1.2	1.6	1.8	1.2
Walk 1 *	-	-	-	-	-	-
Don't Walk 1	-	-	-	-	-	-
Seconds Per Actuation *	-	2.5	-	-	-	2.5
Max Variable Initial *	-	34	-	-	-	34
Time Before Reduction *	-	15	-	-	-	15
Time To Reduce *	-	30	-	-	-	30
Minimum Gap	-	3.0	-	-	-	3.0
Recall Mode	-	MIN RECALL	-	-	-	MIN RECALL
Vehicle Call Memory	-	YELLOW	-	-	-	YELLOW
Dual Entry	-	-	-	-	-	-
Simultaneous Gap	ON	ON	ON	ON	ON	ON

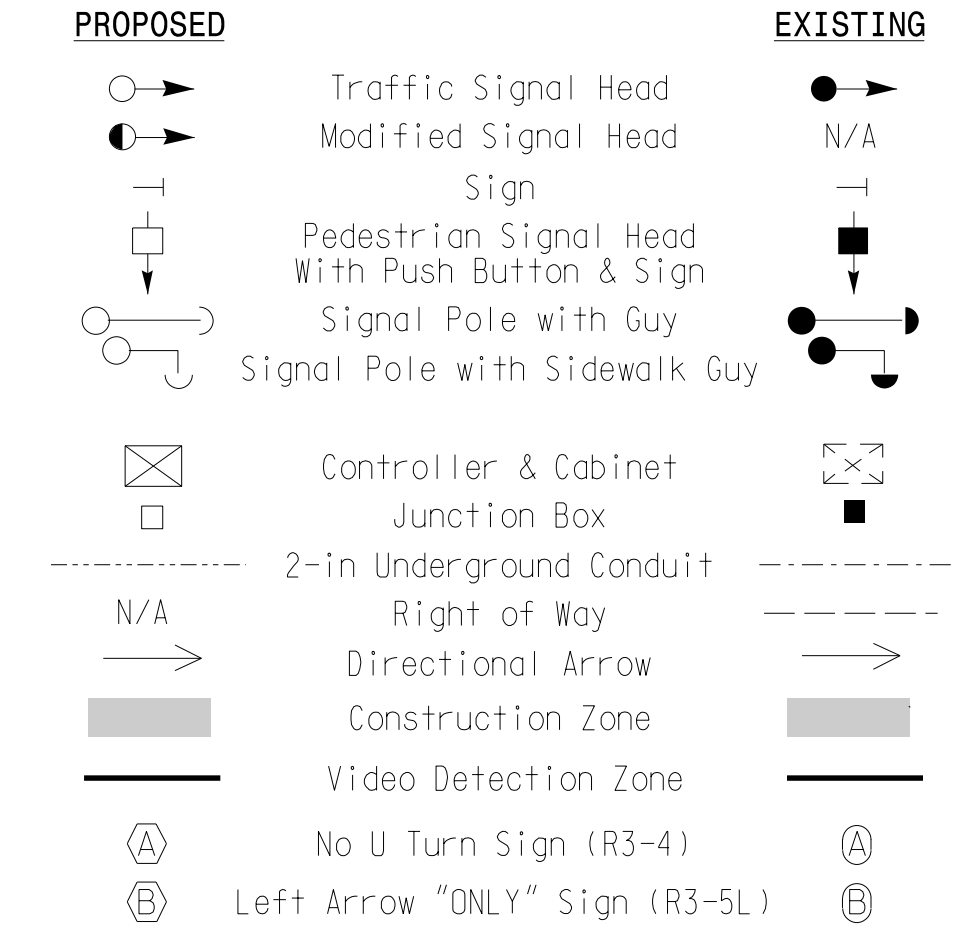
* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

6 Phase Fully Actuated (Winston-Salem Signal System)

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 and/or phase 5 may be lagged.
4. The order of phase 3 and phase 4 may be reversed.
5. Set all detector units to presence mode.
6. This intersection uses video detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
7. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
8. Maximum times shown in timing chart are free-run operation only. Coordinated signal system timing supersedes these values.

LEGEND



Signal Upgrade - Temporary Design 1 (TMP Phase II)

 7621 Purfoy Road Suite 115 Fuquay-Varina, NC 27526 www.mottmac.com License No. F-0669	 TRANSPORTATION MOBILITY AND SAFETY DIVISION NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SIGNAL DESIGN SECTION 750 N. Greenfield Pkwy, Garner, NC 27529	SR 1672 (Hanes Mill Road) at Museum Drive		SEAL RUSSELL W. THOMPSON ENGINEER 032711
		Division 9 Forsyth County Winston-Salem PLAN DATE: March 2023 REVIEWED BY: RW Thompson PREPARED BY: LD Stouchko REVIEWED BY:	REVISIONS INIT. DATE	

4/25/2023
 G:\308350.DOC, 12-MFC-U-2729-TrafficSignal\Signal\03-0699\600.015_050699-20230425g-11.dgn
 User: ST086227