PLANS OF

THE CONSTRUCTION OF 2002 ROAD IMPROVEMENTS PROGRAM

BOROUGH OF MADISON
MORRIS COUNTY, NEW JERSEY

SCALE AS INDICATED

APRIL 2002

BOROUGH COUNCIL

JOHN J. DUNNE, Mayor
MARK RENART PECK, Council President
MARY-ANNA HOLDEN, Council Member
ELEANOR GILES ATTONITO, Council Member
GEORGE HAYMAN, Council Member
ASTRI J. BAILLIE, Council Member
DONALD J. BOWEN, Council Member

BOROUGH ADMINISTRATOR

JAMES R. ALLISON

BOROUGH ENGINEER

ROBERT A. VOGEL, P.E. C.M.E.

BOROUGH ATTORNEY

JOSEPH MEZZACCA, JR, ESQ

WATER DEPARTMENT FOREMAN

SALATORE DeBIASSE

ARDSLEIGH DRIVE

REDMOND DRIVE

ROSEMONT AVENUE

CEDAR STREET

DEHART PLACE

WALNUT STREET

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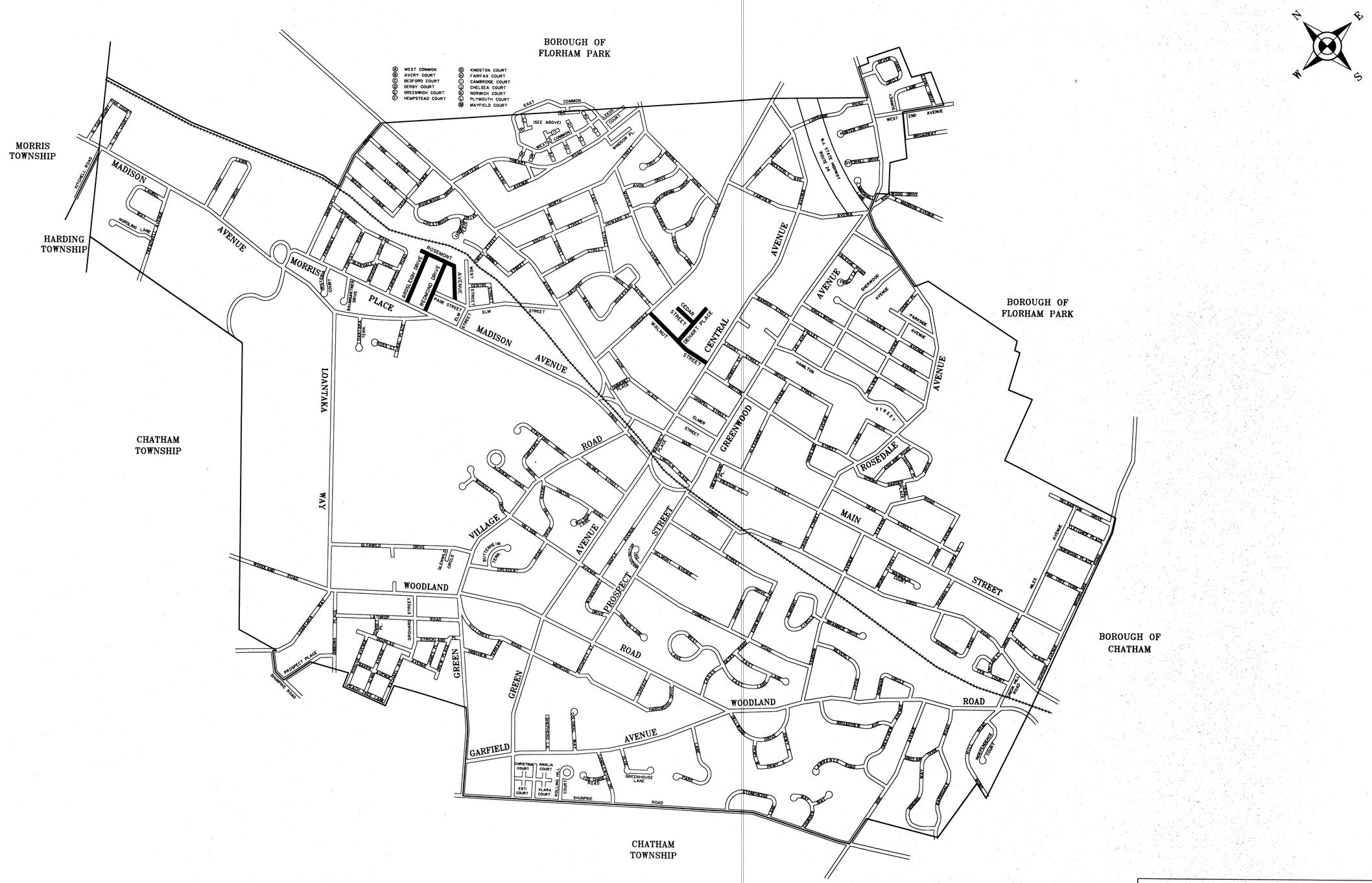
2001 STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION
CURRENT NJDOT SUPPLEMENTAL SPECIFICATIONS TO GOVERN
AND CURRENT A.W.W.A STANDARDS TO GOVERN

TITL2002.DWG 4-30-02



2002 ROADWAY IMPROVEMENT LOCATION PLAN

BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042

NO.	REVISIONS	DATE	BY	CHK.	APPR

DATE

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE:	1" = 800'±
DATE:	4-30-02
DWG FILE:	LOCA2002
DWG. NO.	2 of 10

CONSTRUCT:

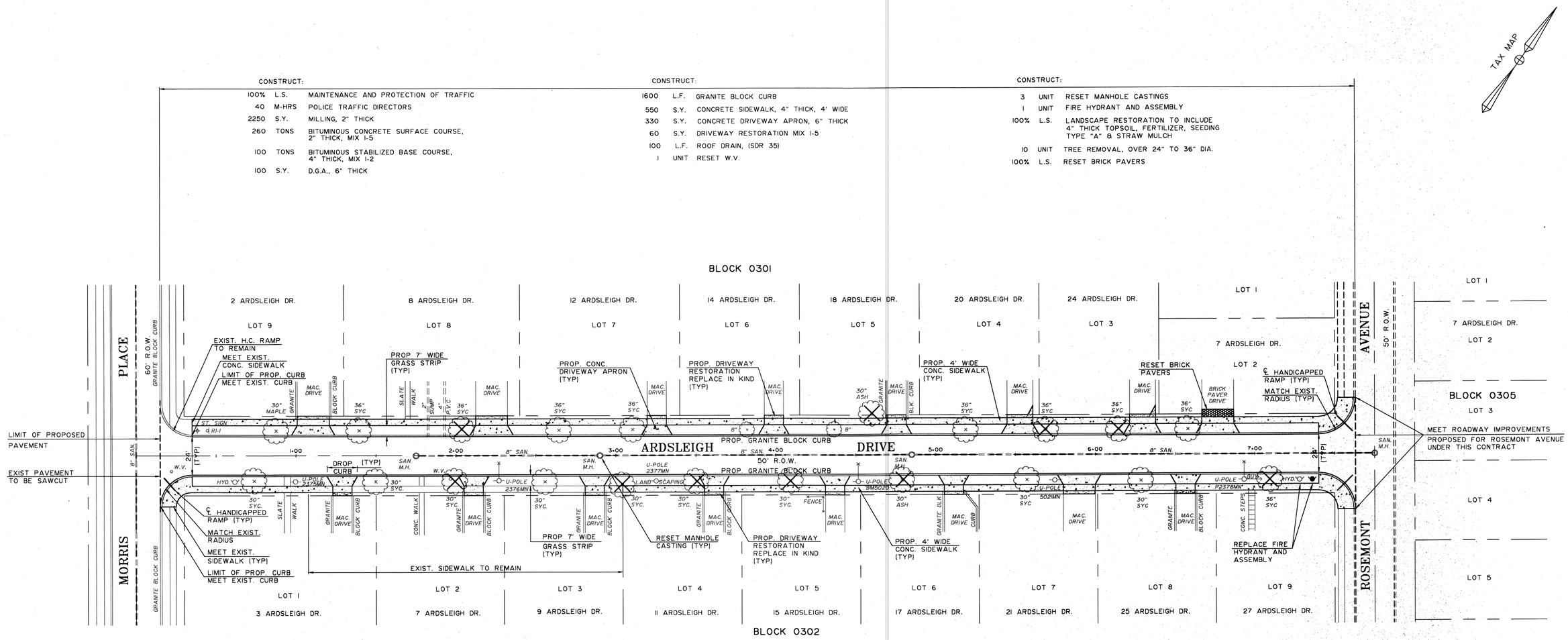
100%	L.S.	MAINTENANCE AND PROTECTION OF TRAFFIC
40	M-HRS	POLICE TRAFFIC DIRECTORS
2250	S.Y.	MILLING, 2" THICK
260	TONS	BITUMINOUS CONCRETE SURFACE COURSE, 2" THICK, MIX I-5
100	TONS	BITUMINOUS STABILIZED BASE COURSE, 4" THICK, MIX I-2
100	S.Y.	D.G.A., 6" THICK

CONSTRUCT:

1600	L.F.	GRANITE BLOCK CURB
550	S.Y.	CONCRETE SIDEWALK, 4" THICK, 4' WIDE
330	S.Y.	CONCRETE DRIVEWAY APRON, 6" THICK
60	S.Y.	DRIVEWAY RESTORATION MIX I-5
100	L.F.	ROOF DRAIN, (SDR 35)
1	UNIT	RESET W.V.

CONSTRUCT:

3	UNIT	RESET MANHOLE CASTINGS
1	UNIT	FIRE HYDRANT AND ASSEMBLY
100%	L.S.	LANDSCAPE RESTORATION TO INCLUDE 4" THICK TOPSOIL, FERTILIZER, SEEDING TYPE "A" & STRAW MULCH
10	UNIT	TREE REMOVAL, OVER 24" TO 36" DIA.
100%	L.S.	RESET BRICK PAVERS



GENERAL NOTES

1. R.O.W. LINES, PROPERTY LINES AND LOT INFORMATION SHOWN ON THIS PLAN ARE BASED UPON BOROUGH OF MADISON TAX MAPS.
2. ROADWAY AND ROADWAY UTILITIES ARE BASED UPON FIELD OBSERVATIONS PERFORMED BY THE BOROUGH OF MADISON ENGINEERING DEPARTMENT AND ARE APPROXIMATE IN LOCATION.

30 20' 10' 0 30' 60'
1"=30'

NO.	REVISIONS	DATE	BY	CHK.	APPR

ARDSLEIGH DRIVE ROADWAY IMPROVEMENT

℄ STA. 0+15 TO ℄ STA. 7+60

BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042

DATE _____

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE: 1" = 30'
DATE: 4-30-02
DWG. FILE: ARDS.DWG
DWG. NO. 3 of 10

CONSTRUCT:

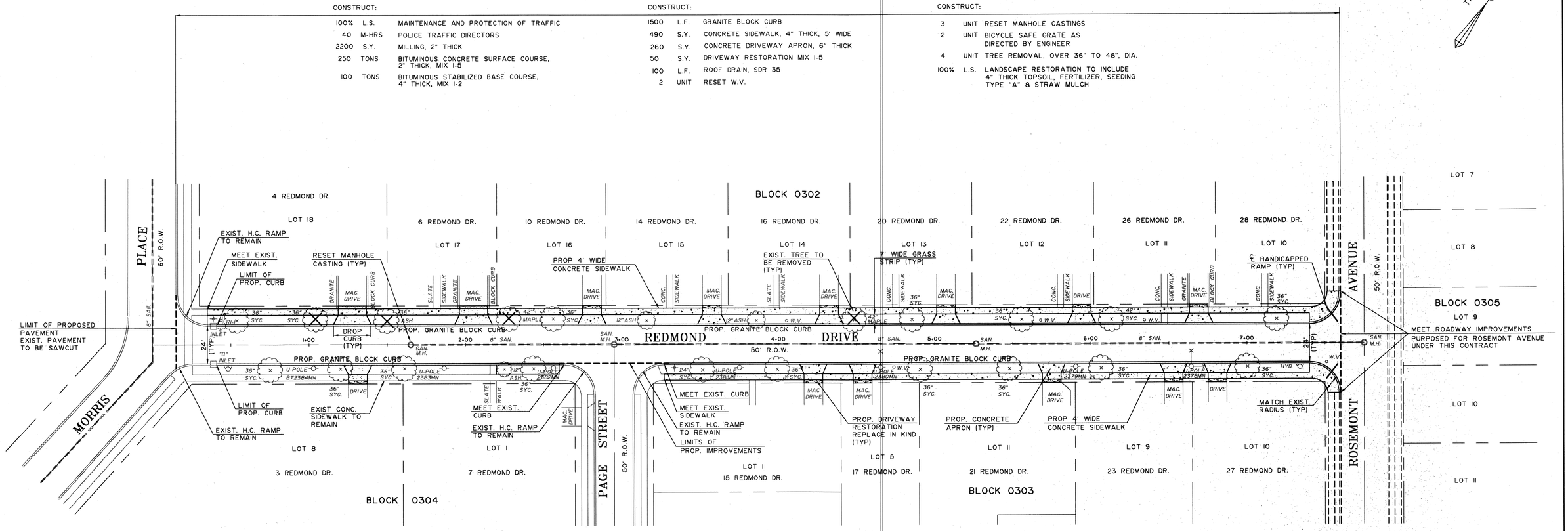
100%	L.S.	MAINTENANCE AND PROTECTION OF TRAFFIC
40	M-HRS	POLICE TRAFFIC DIRECTORS
2200	S.Y.	MILLING, 2" THICK
250	TONS	BITUMINOUS CONCRETE SURFACE COURSE, 2" THICK, MIX I-5
100	TONS	BITUMINOUS STABILIZED BASE COURSE, 4" THICK, MIX I-2

CONSTRUCT:

1500	L.F.	GRANITE BLOCK CURB
490	S.Y.	CONCRETE SIDEWALK, 4" THICK, 5' WIDE
260	S.Y.	CONCRETE DRIVEWAY APRON, 6" THICK
50	S.Y.	DRIVEWAY RESTORATION MIX I-5
100	L.F.	ROOF DRAIN, SDR 35
2	UNIT	RESET W.V.

CONSTRUCT:

3	UNIT	RESET MANHOLE CASTINGS
2	UNIT	BICYCLE SAFE GRATE AS DIRECTED BY ENGINEER
4	UNIT	TREE REMOVAL, OVER 36" TO 48", DIA.
100%	L.S.	LANDSCAPE RESTORATION TO INCLUDE 4" THICK TOPSOIL, FERTILIZER, SEEDING TYPE "A" & STRAW MULCH



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1"=30'

NO.	REVISIONS	DATE	BY	CHK.	APPR

REDMOND DRIVE ROADWAY IMPROVEMENT

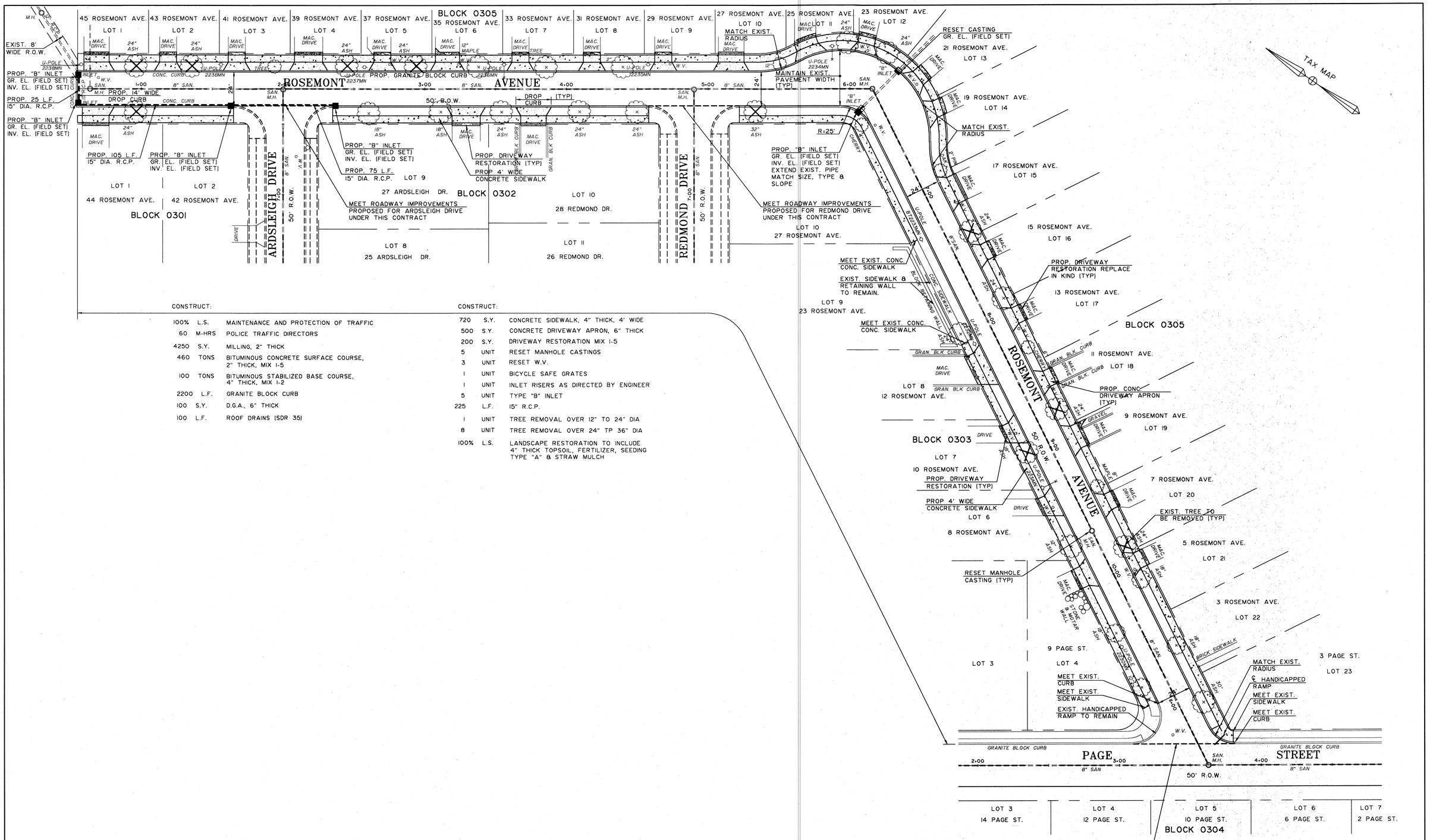
℄ STA. 0+15 TO ℄ STA. 7+60

BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042

DATE

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE:	1" = 30'
DATE:	4-30-02
DWG. FILE:	RED.DWG
DWG. NO.	4 of 10



CONSTRUCT:		
100%	L.S.	MAINTENANCE AND PROTECTION OF TRAFFIC
60	M-HRS	POLICE TRAFFIC DIRECTORS
4250	S.Y.	MILLING, 2" THICK
460	TONS	BITUMINOUS CONCRETE SURFACE COURSE, 2" THICK, MIX I-5
100	TONS	BITUMINOUS STABILIZED BASE COURSE, 4" THICK, MIX I-2
2200	L.F.	GRANITE BLOCK CURB
100	S.Y.	D.G.A., 6" THICK
100	L.F.	ROOF DRAINS (SDR 35)

CONSTRUCT:		
720	S.Y.	CONCRETE SIDEWALK, 4" THICK, 4' WIDE
500	S.Y.	CONCRETE DRIVEWAY APRON, 6" THICK
200	S.Y.	DRIVEWAY RESTORATION MIX I-5
5	UNIT	RESET MANHOLE CASTINGS
3	UNIT	RESET W.V.
1	UNIT	BICYCLE SAFE GRATES
1	UNIT	INLET RISERS AS DIRECTED BY ENGINEER
5	UNIT	TYPE "B" INLET
225	L.F.	15" R.C.P.
1	UNIT	TREE REMOVAL OVER 12" TO 24" DIA
8	UNIT	TREE REMOVAL OVER 24" TP 36" DIA
100%	L.S.	LANDSCAPE RESTORATION TO INCLUDE 4" THICK TOPSOIL, FERTILIZER, SEEDING TYPE "A" & STRAW MULCH

GENERAL NOTES

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NO.	REVISIONS	DATE	BY	CHK.	APPR

ROSEMONT AVENUE ROADWAY IMPROVEMENT

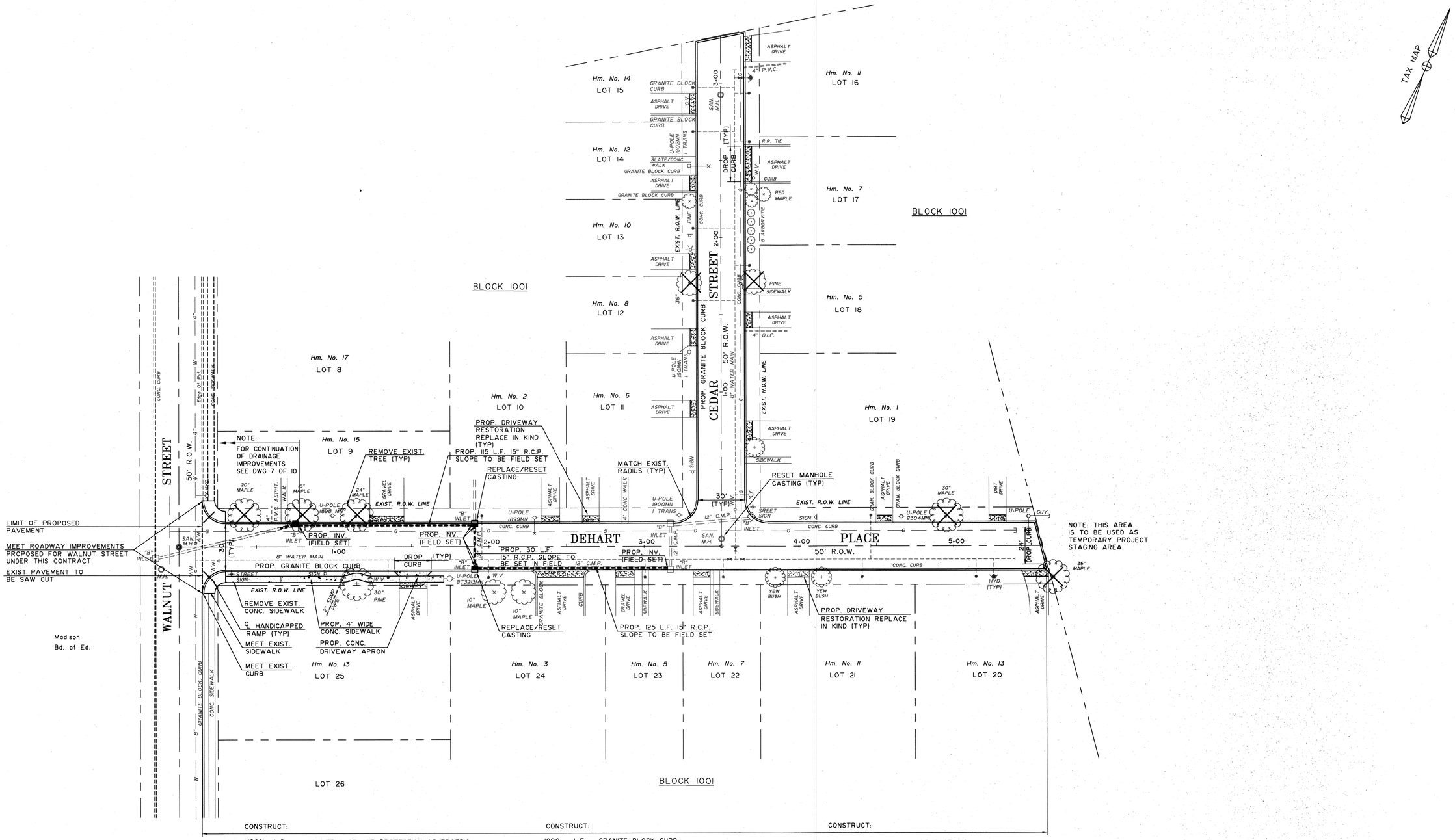
℄ STA. 0+55 TO ℄ STA. 11+35

BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042

DATE

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE: 1" = 30'
DATE: 4-30-02
DWG. FILE: ROSE.DWG
DWG. NO. 5 of 10



CONSTRUCT:

100%	L.S.	MAINTENANCE AND PROTECTION OF TRAFFIC
100	M-HRS	POLICE TRAFFIC DIRECTORS
2900	S.Y.	MILLING, 2" THICK
360	TONS	BITUMINOUS CONCRETE SURFACE COURSE, 2" THICK, MIX 1-5
100	TONS	BITUMINOUS STABILIZED BASE COURSE, 4" THICK, MIX 1-2
500	S.Y.	D.G.A., 6" THICK

CONSTRUCT:

1800	L.F.	GRANITE BLOCK CURB
100	S.Y.	CONCRETE SIDEWALK, 4" THICK, 4' WIDE
20	S.Y.	CONCRETE DRIVEWAY APRON, 6" THICK
130	S.Y.	DRIVEWAY RESTORATION MIX 1-5
100	L.F.	ROOF DRAIN, SDR 35
1	UNIT	TYPE "B" INLET
240	L.F.	15" R.C.P.
2	UNIT	REPLACE/RESET "B" TYPE CASTING

CONSTRUCT:

5	UNIT	RESET INLET CASTINGS
2	UNIT	RESET MANHOLE CASTINGS
4	UNIT	BICYCLE SAFE GRATE AS DIRECTED BY ENGINEER
5	UNIT	TREE REMOVAL, OVER 12" TO 24", DIA.
2	UNIT	TREE REMOVAL, OVER 24" TO 36", DIA.
100%	L.S.	LANDSCAPE RESTORATION TO INCLUDE 4" THICK TOPSOIL, FERTILIZER, SEEDING TYPE "A" & STRAW MULCH

GENERAL NOTES

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NO.	REVISIONS	DATE	BY	CHK.	APPR

DEHART PLACE & CEDAR STREET ROADWAY IMPROVEMENT

BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042

DATE

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE: 1" = 30'
DATE: 4-30-02
DWG. NO. DEHART.DWG
DWG. NO. 6 of 10

CONSTRUCT:

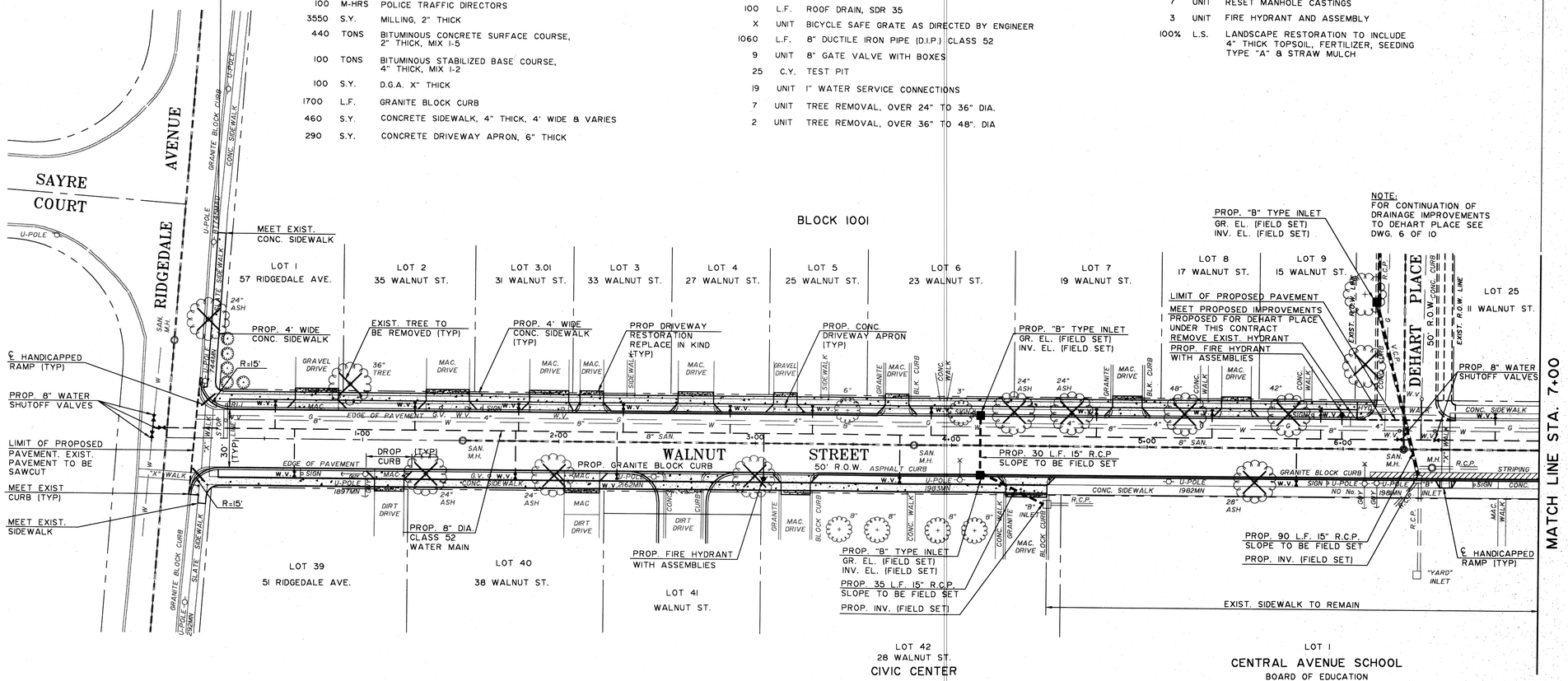
100%	L.S.	MAINTENANCE AND PROTECTION OF TRAFFIC
100	M-HRS	POLICE TRAFFIC DIRECTORS
3550	S.Y.	MILLING, 2" THICK
440	TONS	BITUMINOUS CONCRETE SURFACE COURSE, 2" THICK, MIX I-5
100	TONS	BITUMINOUS STABILIZED BASE COURSE, 4" THICK, MIX I-2
100	S.Y.	D.G.A. X" THICK
1700	L.F.	GRANITE BLOCK CURB
460	S.Y.	CONCRETE SIDEWALK, 4" THICK, 4' WIDE & VARIES
290	S.Y.	CONCRETE DRIVEWAY APRON, 6" THICK

CONSTRUCT:

65	S.Y.	DRIVEWAY RESTORATION MIX I-5
100	L.F.	ROOF DRAIN, SDR 35
X	UNIT	BICYCLE SAFE GRATE AS DIRECTED BY ENGINEER
1060	L.F.	8" DUCTILE IRON PIPE (D.I.P.) CLASS 52
9	UNIT	8" GATE VALVE WITH BOXES
25	C.Y.	TEST PIT
19	UNIT	I" WATER SERVICE CONNECTIONS
7	UNIT	TREE REMOVAL, OVER 24" TO 36" DIA.
2	UNIT	TREE REMOVAL, OVER 36" TO 48". DIA

CONSTRUCT:

7	UNIT	RESET MANHOLE CASTINGS
3	UNIT	FIRE HYDRANT AND ASSEMBLY
100%	L.S.	LANDSCAPE RESTORATION TO INCLUDE 4" THICK TOPSOIL, FERTILIZER, SEEDING TYPE "A" & STRAW MULCH



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30 20' 10' 0 30' 60'
1"=30'

NO.	REVISIONS	DATE	BY	CHK.	APPR

WALNUT STREET ROADWAY IMPROVEMENT

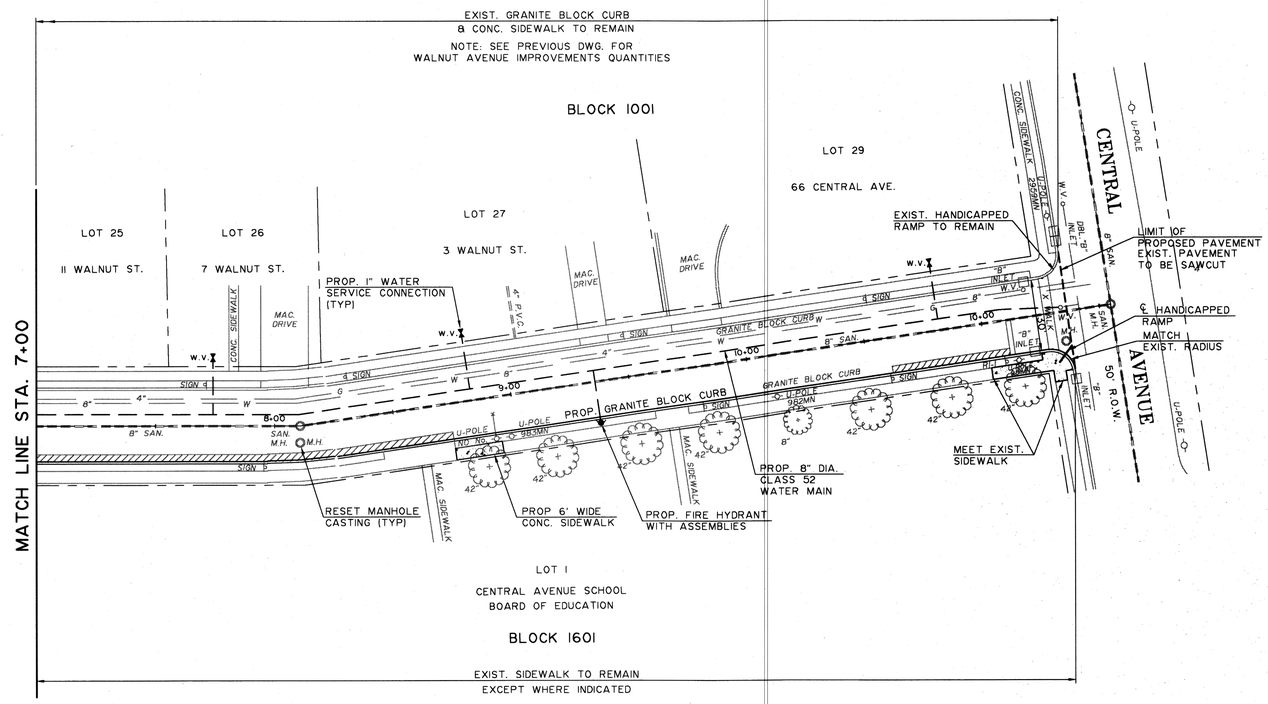
℄ STA. 0+00 TO ℄ STA. 7+00

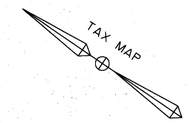
BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3063

DATE

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE: 1" = 30'
DATE: 4-30-02
DWG. FILE: WALNUTI.DWG
DWG. NO. 7 of 10





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1"=30'

NO.	REVISIONS	DATE	BY	CHK.	APPR

WALNUT STREET ROADWAY IMPROVEMENT

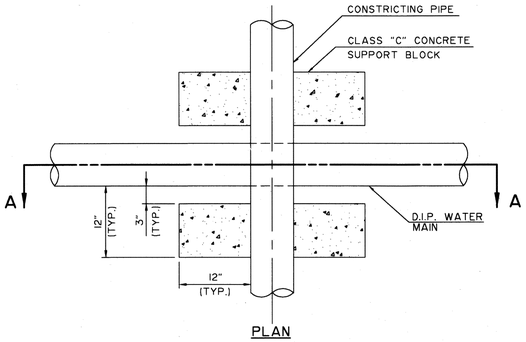
℄ STA. 7+00 TO ℄ STA. 10+35

BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3063

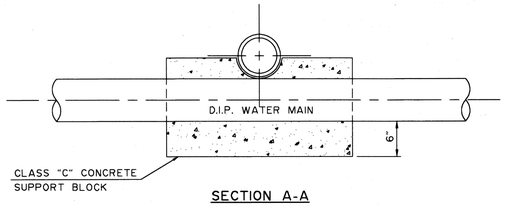
DATE

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE: 1" = 30'
DATE: 4-30-02
DWG. FILE: WALNUT2.DWG
DWG. NO. 8 of 10



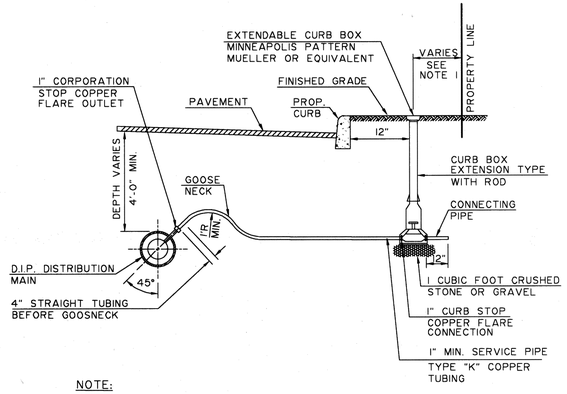
PLAN



SECTION A-A

TYPICAL CONCRETE SUPPORT BLOCK

N.T.S.

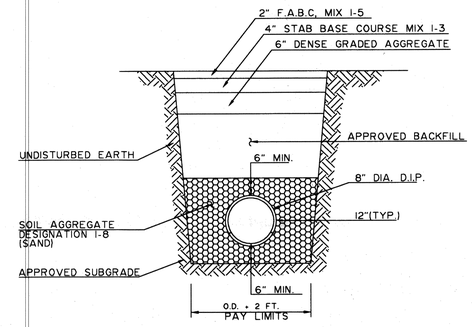


NOTE:

1. CURB STOP TO BE LOCATED 8' FROM PROPERTY LINE ON 50' R.O.W., OR AS DIRECTED.
2. BACKFILL SHALL BE HAND PLACED SAND FOR A DEPTH OF 1 FOOT OVER SERVICE.
3. SERVICE PIPE SHALL BE CONSTRUCTED AT 90° TO THE CURB LINE.
4. A TUBING BENDER APPROVED BY THE ENGINEER MUST BE USED FOR ALL BENDS AND GOOSENECK.

SERVICE CONNECTION

N.T.S.

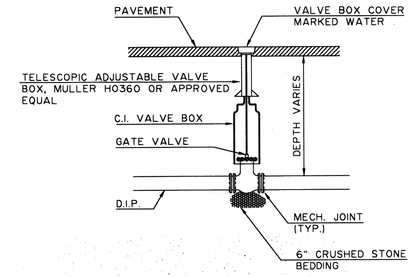


NOTES:

1. IN ALL CASES, EXCAVATE 6" BELOW INVERT OF PIPE AND FILL WITH SAND BEDDING.
2. BACKFILL TO A HEIGHT OF 6" ABOVE PIPE SHALL BE SAND. ABOVE SAND SHALL BE APPROVED SUITABLE EXCAVATED MATERIAL.
3. WHERE PIPE INVERTS ARE IN SOFT ORGANIC SOIL AT LEAST 2 FEET OF CRUSHED STONE SHALL BE USED FOR BEDDING. UNDERLAIN BY A LAYER OF FILTER FABRIC SUCH AS MIRAFI OR EQUAVALENT AS DIRECTED BY THE ENGINEER.
4. WHERE PIPE INVERTS ARE IN FULL CONDITION, SAID FILL IS TO BE CONTROLLED COMPACTED FILL. (SEE NOTES FOR TYPICAL ROAD SECTION)

PAVEMENT RESTORATION WATER MAIN BEDDING

N.T.S.

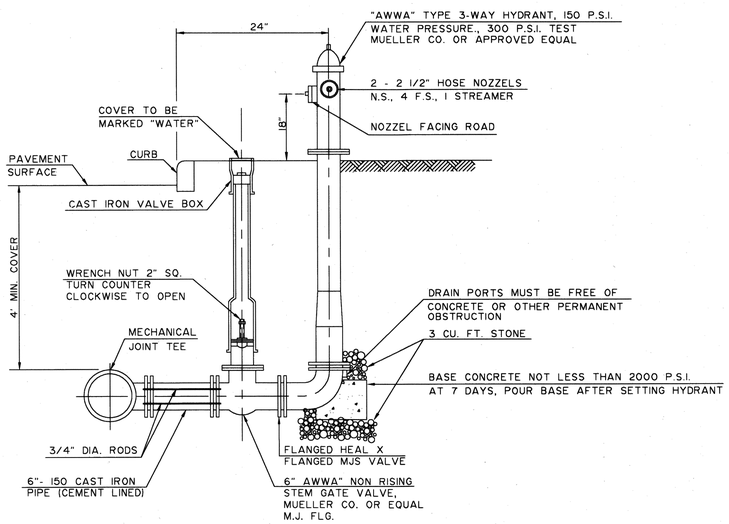


NOTES:

1. SIZE AND BEARING FOR THRUST BLOCK SHALL CONFORM TO CURRENT A.W.W.A. STANDARDS, OR SHALL BE DESIGNATED ON THE PLANS.
2. CONCRETE FOR THE THRUST BLOCKS TO BE N.J.D.O.T., CLASS "C".
3. ALL CONNECTIONS TO BE MECHANICAL JOINT, OR LOCK RING TYPE JOINTS, AS SPECIFIED.

GATE VALVE ASSEMBLY

N.T.S.



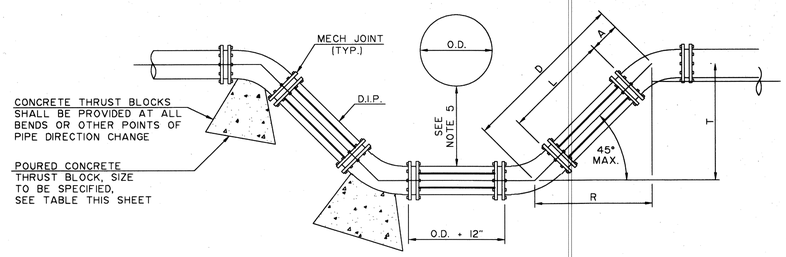
ELEVATION

TYPICAL FIRE HYDRANT ASSEMBLY DETAILS

N.T.S.

NOTES:

1. CONCRETE FOR THRUST BLOCKS TO BE N.J.D.O.T., CLASS"C".
2. SIZE AND BEARING AREA FOR THRUST BLOCKS SHALL CONFORM TO CURENT A.W.W.A. STANDARDS OR SHALL BE DESIGNED OM THE PLANS.
3. FINISH PAINTING AND MARKING SHALL BE DESIGNED ON THE PLANS OR CONTRACT DOCUMENTS OR SHALL BE AS DIRECTED BY THE ENGINEER.
4. TYPICAL HYDRANT LOCATION ADJACENT TO ROADWAY, FOR SPECIAL LOCATION REFER TO PLANS.
5. SPECIAL HYDRENT ARRANGEMENT OR SETTINGS TO BE DETAILED BY CONTRACTOR AND SUBJECT TO THE ENGINEER'S APPROVAL.
6. ALL CONNECTIONS TO BE MECHANICAL JOINT OR LOCK RING TYPE JOINT AS SPECIFIED.



MECHANICAL JOINTS

ANGLE	"D" EQUALS	"R" EQUALS	"L"* EQUALS
45°	Tx1.414	Tx1.000	D-2A
22 1/2°	Tx2.613	Tx2.414	D-2A
11 1/4°	Tx5.126	Tx5.027	D-2A

* CUT THE PIPE SOMEWHAT SHORTER THAN THEORETICAL TO ALLOW FOR SOME SLIGHT CLEARANCE IN THE JOINTS.

LOOPING WATER MAIN

N.T.S.

NOTES:

1. WATER MAIN MAY BE LOOPED ABOVE OBSTRUCTION, IF 3' MINIMUM COVER IS MAINTAINED ABOVE WATER MAIN.
2. WATER MAIN LOOPS SHALL BE DUCTILE IRON CEMENT LINED PIPE. ALL JOINTS SHALL BE MECHANICAL JOINT. ALL FITTINGS SHALL BE MECHANICAL JOINT CAST IRON.
3. OFFSETS MAY BE SUBSTITUTED FOR A OR T UP TO 24" IF APPROVED BY THE ENGINEER.
4. CONCRETE THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS OR OTHER POINTS OF PIPE DIRECTION CHANGE.
5. MINIMUM CLEARANCE BETWEEN OBSTRUCTING PIPE AND WATER MAIN SHALL BE 18" MINIMUM. CLEARANCE BETWEEN WATER MAIN AND OTHER OBSTRUCTIONS SHALL BE 6". IF 18" MINIMUM CLEARANCE IS NOT PROVIDED BETWEEN OBSTRUCTING PIPE AND WATER MAIN, THE WATER MAIN SHALL BE CONCRETE ENCASED. (SEE DETAIL THIS SHEET)
6. TIE RODS SHALL BE UTILIZED TO RESTRAIN PIPE JOINTS. DETAILS OF THE TIE ROD ASSEMBLY SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. TIE RODS SHALL BE SUFFICENT TO RESTRAIN THE THRUST DEVELOPED AT 100 P.S.I. WORKING PRESSURE.

DIAMETER OF PIPE (d)	22 1/2° ELBOW	45° ELBOW	90° ELBOW	TEE	PLUG
	"A"	"A"	"A"	"A"	"A"
6"	1.1	2.1	4.0	2.8	
8"	1.9	3.7	6.8	4.8	
10"	2.8	5.6	10.3	7.3	
12"	4.0	7.9	14.5	10.3	
16"	7.0	13.6	25.2	17.8	
20"	10.7	21.0	38.9	27.5	
24"	15.3	30.0	55.5	39.2	

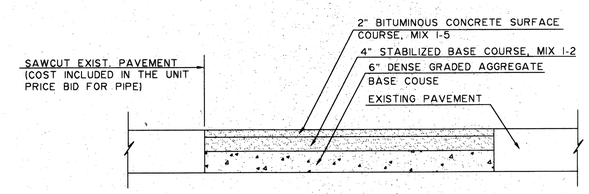
"A" - CONTACT BEARING AREA OF BLOCK WITH EARTH, IN SQUARE FEET

NOTES:

1. BEARING AREAS ARE BASED ON UNDISTURBED SOIL WITH A BEARING CAPCITY
2. ALL CONCRETE THRUST BLOCKS SHALL BE CLASS "C".
3. THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH.
4. TEST PRESSURE = 150 P.S.I.

THRUST BLOCK TABLE

N.T.S.



TRENCH PAVEMENT DETAIL

N.T.S.

NO.	REVISIONS	DATE	BY	CHK.	APPR

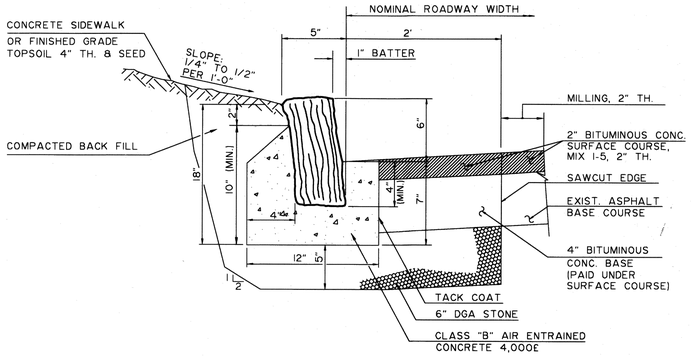
2002 ROADWAY IMPROVEMENTS CONSTRUCTION DETAILS

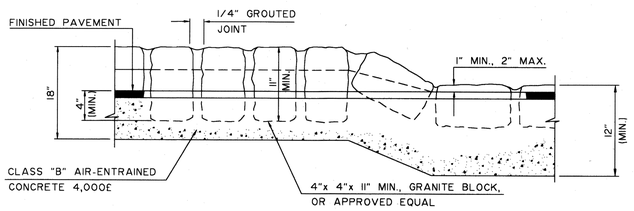
BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042

DATE _____

ROCERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE: N.T.S.
DATE: 4-30-02
DWG. NO. DETS2002.DWG
DWG. NO. 9 of 10



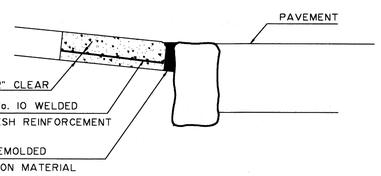


NOTES:

1. CONSTRUCTION AT DRIVEWAY APRONS SIMILAR TO DETAILS ABOVE.
2. JOINTS TO BE CLEANED AND DAMP PRIOR TO POINTING.

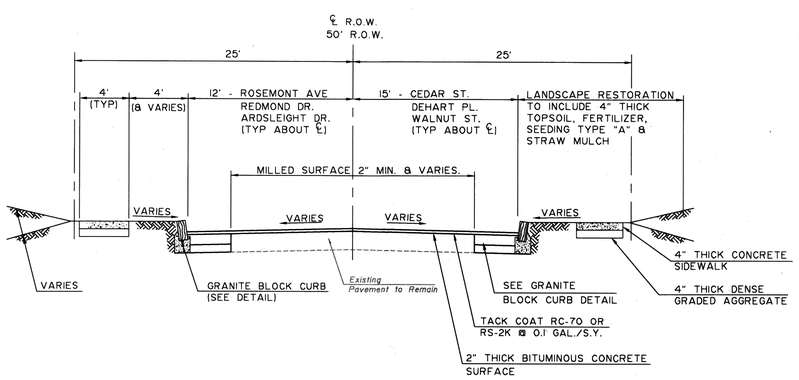
GRANITE BLOCK CURB

ITEM NO. 6E21J
N.T.S.



HANDICAPPED ACCESS RAMP

N.T.S.



TYPICAL CROSS SECTION

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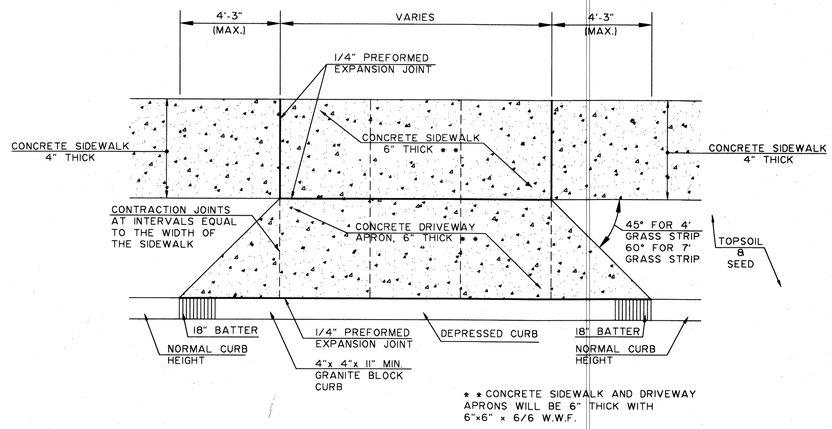
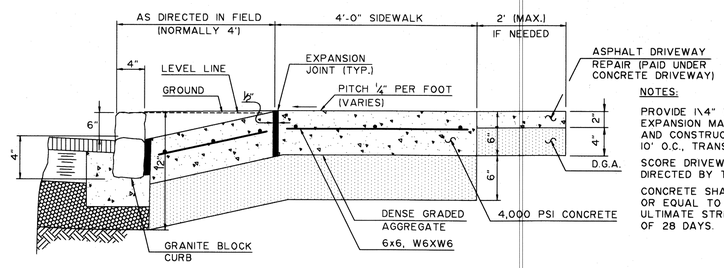


CONCRETE DRIVEWAY APRON DETAIL

N.T.S.



NOTES:

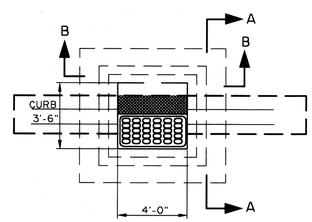
PROVIDE 1/4" WIDE PREMOLDED EXPANSION MATERIAL AT 20' O.C. AND CONSTRUCTION JOINTS AT 10' O.C., TRANSVERSELY.

SCORE DRIVEWAY APRON AS DIRECTED BY THE ENGINEER.

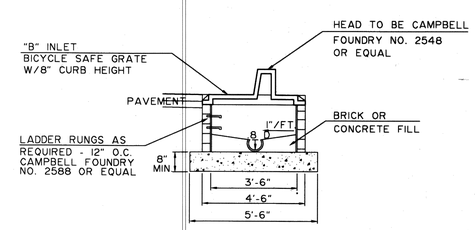
CONCRETE SHALL BE "CLASS B" OR EQUAL TO 4000 P.S.I. ULTIMATE STRENGTH AT THE END OF 28 DAYS.

CONCRETE DRIVEWAY APRON DETAIL

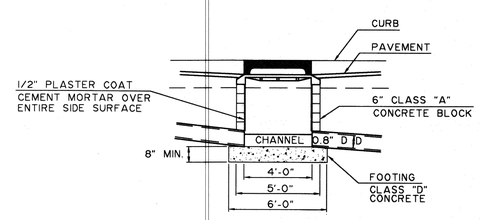
N.T.S.



PLAN



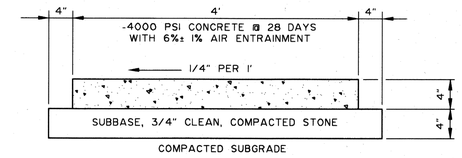
SECTION A-A



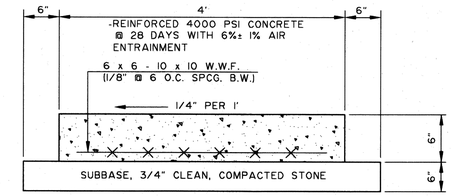
SECTION B-B

B TYPE INLET

N.T.S.



TYPICAL SIDEWALK



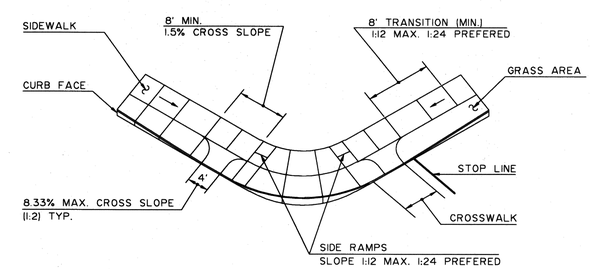
SIDEWALK AT DRIVEWAYS

GENERAL NOTES:

1. ANY CONCRETE PLACED BETWEEN NOVEMBER 15 AND APRIL 1 MUST CONFORM TO ARTICLES 501.11 AND 501.17 OF THE N.J.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1989 EDITION, USING 2% CALCIUM CHLORIDE, HOT WATER, COVERED W/SALT HAY.
2. WHERE SIDEWALK CROSSES A DRIVEWAY, THE MINIMUM THICKNESS SHALL BE 6 INCHES AND REINFORCED WITH 6"x 6", E5 WIRE MESH.
3. SLUMP TEST: 3"- 4".
4. EXPANSION JOINTS EVERY 20', CONSTRUCTION JOINTS EVERY 4' AT A DEPTH OF 1/4 THICKNESS OF CONCRETE.

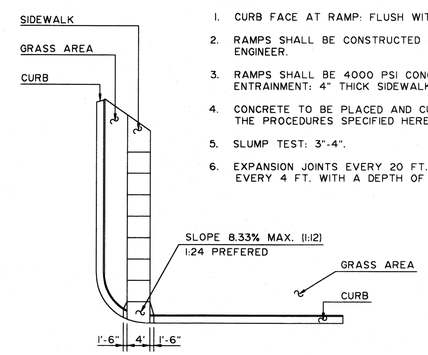
CONCRETE SIDEWALK DETAIL

N.T.S.



NOTES:

1. CURB FACE AT RAMP: FLUSH WITH PAVEMENT
2. RAMPS SHALL BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER.
3. RAMPS SHALL BE 4000 PSI CONCRETE WITH 6%± 1% AIR ENTRAINMENT: 4" THICK SIDEWALK, FULL DEPTH CURB.
4. CONCRETE TO BE PLACED AND CURED IN ACCORDANCE WITH THE PROCEDURES SPECIFIED HEREIN.
5. SLUMP TEST: 3"-4".
6. EXPANSION JOINTS EVERY 20 FT. AND CONSTRUCTION JOINTS EVERY 4 FT. WITH A DEPTH OF 1/4" THICKNESS OF CONCRETE.



HANDICAP RAMP

N.T.S.

2002 ROADWAY IMPROVEMENTS CONSTRUCTION DETAILS

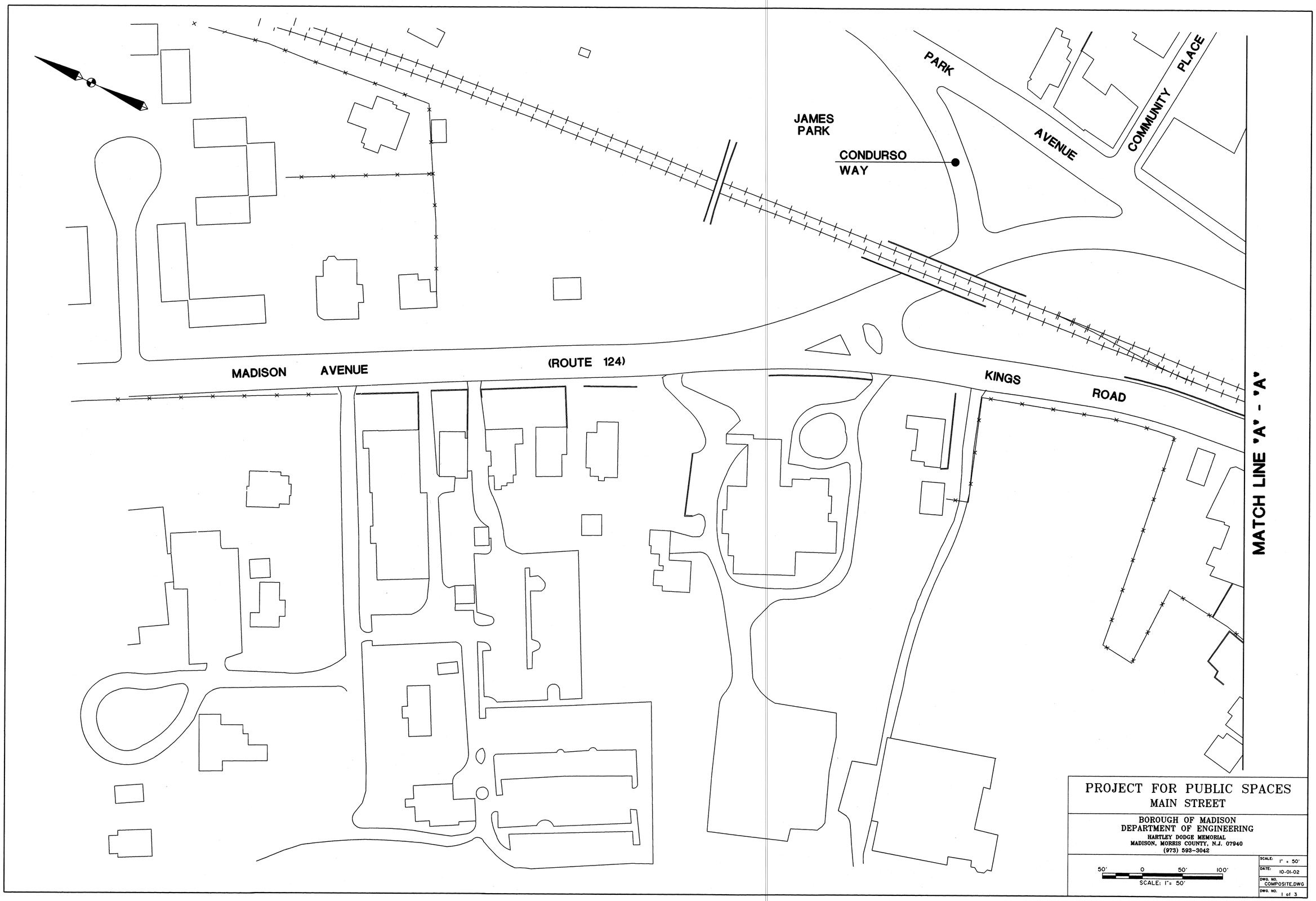
BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042

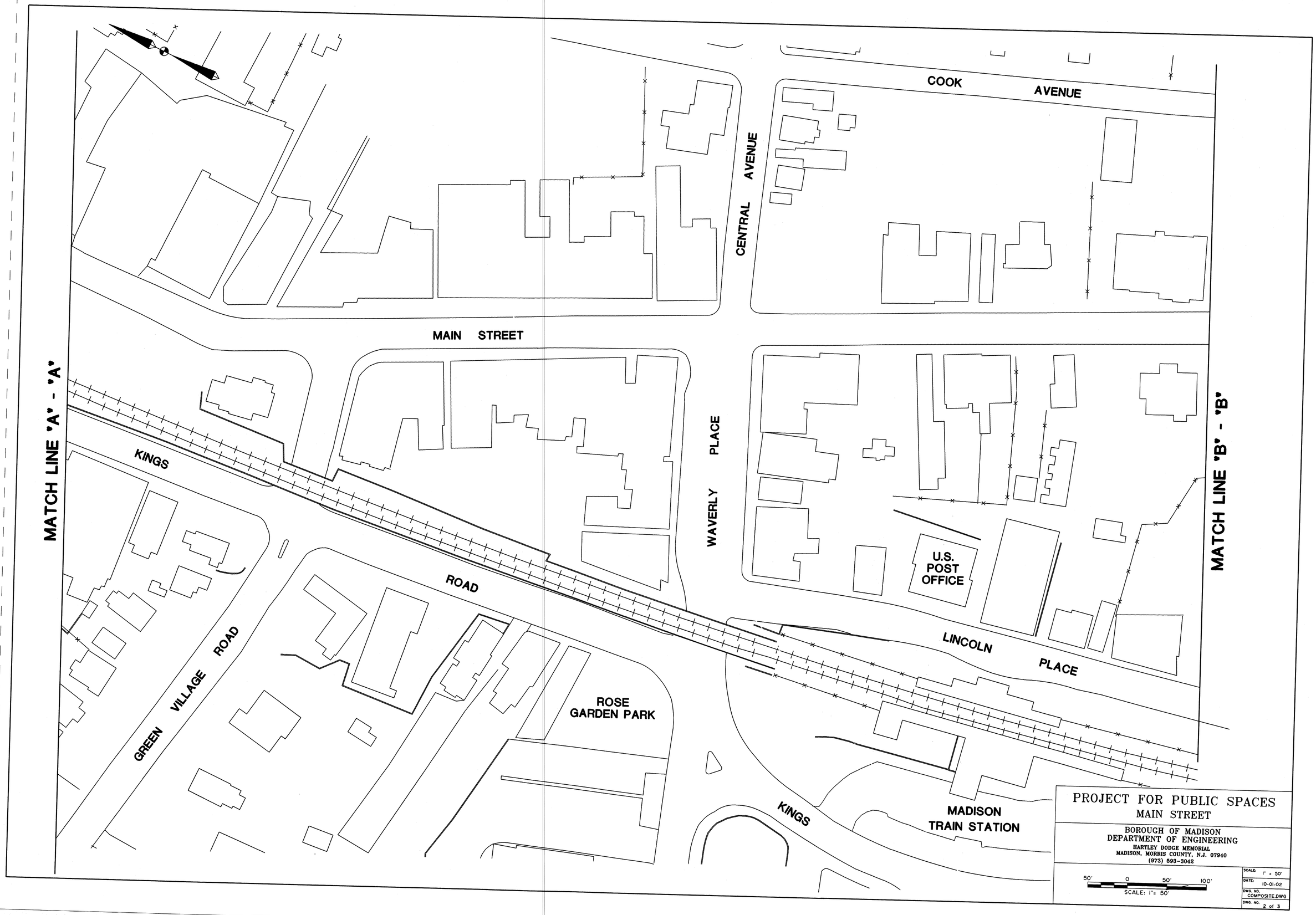
NO.	REVISIONS	DATE	BY	CHK.	APPR

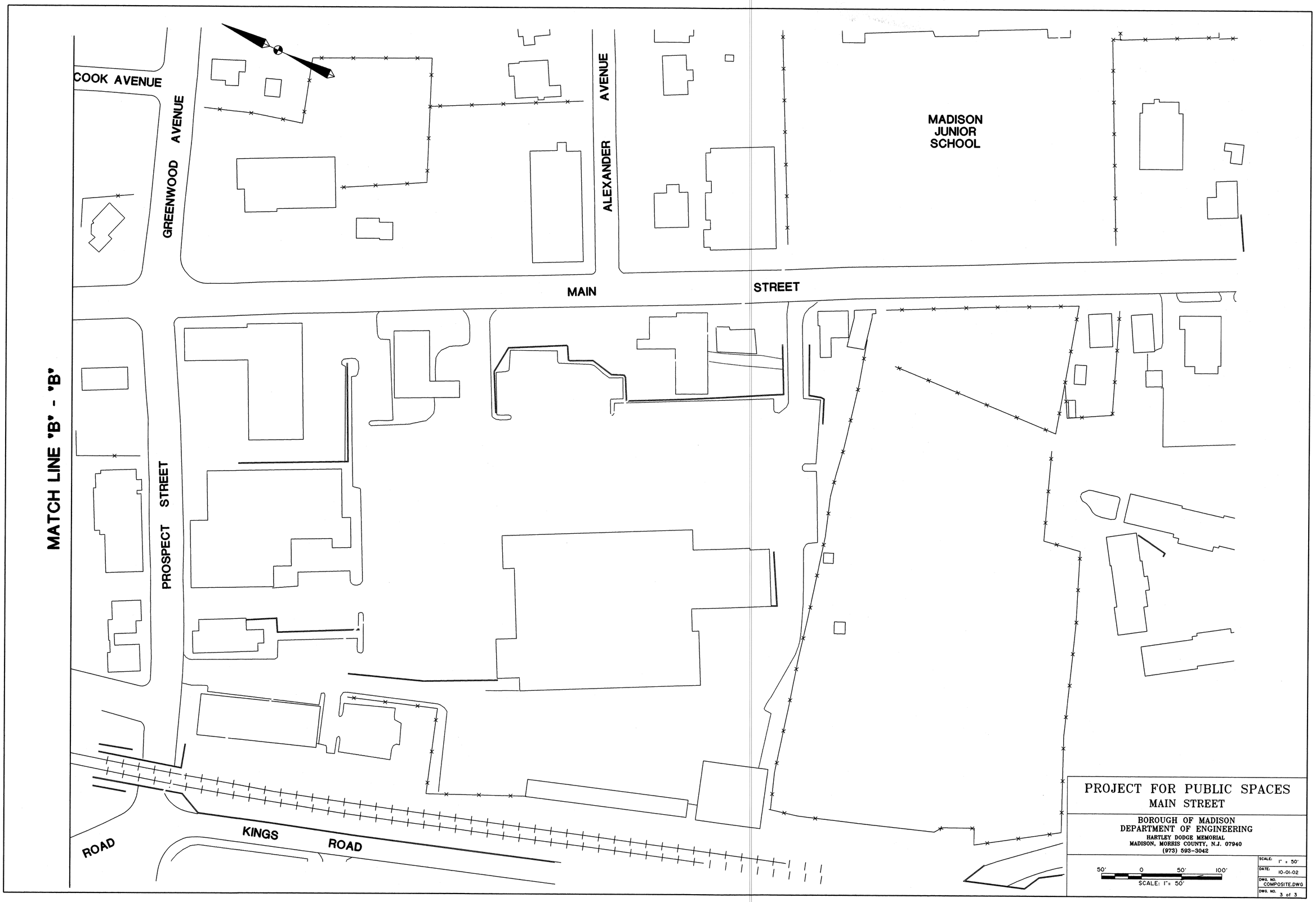
DATE

ROBERT A. VOGEL, P.E.
PROFESSIONAL ENGINEER N.J. LIC. NO. 34463

SCALE: N.T.S.
DATE: 4-30-02
DWG. FILE: DETS2002I.DWG
DWG. NO. 10 of 10


JAMES PARK
CONDURSO WAY
PARK AVENUE
COMMUNITY PLACE
MADISON AVENUE (ROUTE 124)
KINGS ROAD
MATCH LINE 'A' - 'A'
PROJECT FOR PUBLIC SPACES
MAIN STREET
BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042
50' 0 50' 100'
SCALE: 1"= 50'
SCALE: 1" = 50'
DATE: 10-01-02
DWG. NO. COMPOSITE.DWG
DWG. NO. 1 of 3


MATCH LINE 'A' - 'A'
MATCH LINE 'B' - 'B'
COOK AVENUE
CENTRAL AVENUE
MAIN STREET
WAVERLY PLACE
KINGS ROAD
GREEN VILLAGE ROAD
ROSE GARDEN PARK
U.S. POST OFFICE
LINCOLN PLACE
KINGS
MADISON TRAIN STATION
PROJECT FOR PUBLIC SPACES
MAIN STREET
BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042
50' 0 50' 100'
SCALE: 1" = 50'
SCALE: 1" = 50'
DATE: 10-01-02
DWG. NO. COMPOSITE.DWG
DWG. NO. 2 of 3


COOK AVENUE
GREENWOOD AVENUE
ALEXANDER AVENUE
MADISON JUNIOR SCHOOL
MAIN STREET
MATCH LINE "B" - "B"
PROSPECT STREET
KINGS ROAD
ROAD
PROJECT FOR PUBLIC SPACES
MAIN STREET
BOROUGH OF MADISON
DEPARTMENT OF ENGINEERING
HARTLEY DODGE MEMORIAL
MADISON, MORRIS COUNTY, N.J. 07940
(973) 593-3042
50' 0 50' 100'
SCALE: 1"= 50'
SCALE: 1" = 50'
DATE: 10-01-02
DWG. NO. COMPOSITE.DWG
DWG. NO. 3 of 3