

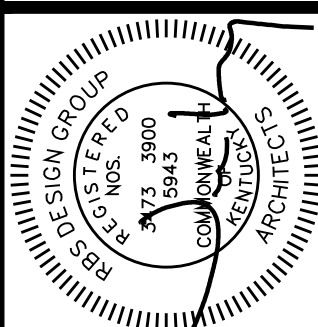
OWNER: HENDERSON COUNTY SCHOOLS
1805 SECOND STREET
HENDERSON, KY 42420

ARCHITECT: R.B.S. DESIGN GROUP, P.S.C.
723 HARVARD DRIVE
OWENSBORO, KENTUCKY 42301
270-683-1158 (F)270-683-2446

CIVIL ENGINEER: AMERICAN ENGINEERS, INC.
65 ABERDEEN DRIVE
GLASGOW, KENTUCKY 42141
270-651-7220 (F)270-651-3246

HENDERSON COUNTY SCHOOLS NORTH MIDDLE SCHOOL PAVING REPAIRS 2014

RBS DESIGN GROUP
Architecture



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CONCRETE AND CONSTRUCTION DETAILS

JOB NUMBER: Y13048
DRAWN BY: JI
CHECKED BY:
DATE: 11/27/13

REVISIONS	
NO.	DATE

HENDERSON COUNTY SCHOOLS
NORTH MIDDLE SCHOOL
PAVING REPAIRS 2014
TITLE SHEET

SHEET NUMBER

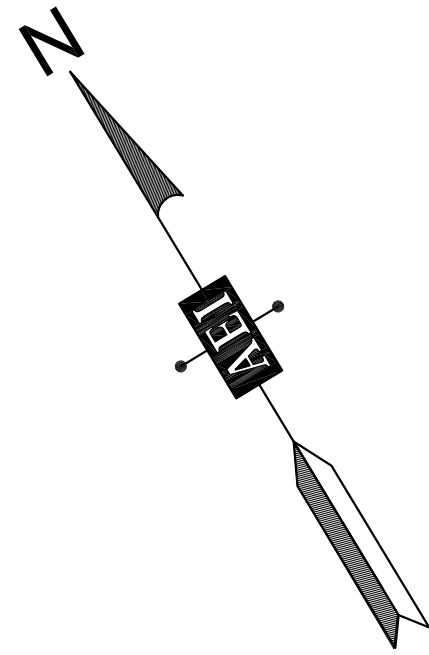
T1.1

MATERIALS & GRAPHIC SYMBOLS		
EARTHWORK	TOP SOIL	DRAINAGE FILL
CONCRETE	CAST-IN-PLACE CONCRETE	PRECAST CONCRETE
MASONRY	CMU (PLAN)	CMU (ELEV.)
STONE	RUBBLE STONE (ELEV.)	CUT STONE (ELEV.)
METAL	STEEL (ELEV.)	STEEL (PLAN)
WOOD	FINISH WOOD (ELEV.)	PLYWOOD (ELEV.)
GLAZING	GLASS (ELEV.)	GLASS BLOCK (ELEV.)
INSULATION	BATT/BANKET INSULATION	RIGID INSULATION
FINISHES	GYP. BOARD	CERAMIC TILE
PARTITIONS	METAL STUD	CAST-IN-PLACE CONCRETE
SYMBOLS	ROOM TAG	WINDOW TYPE
COLUMN REFERENCE GRID	DOOR NUMBER	ELEVATION POINT
NEW CONTOUR	CONSTRUCTION / DEMOLITION NOTE	POSITIVE DRAINAGE
EXISTING CONTOUR	TOILET ACCESSORY	SECTION/ELEVATION

ABBREVIATIONS		
A.F.F. - ABOVE FINISH FLOOR	DN. - DOWN	INSUL. - INSULATION
ACQV. - ACQUISITION	DS. - DOWNSPOUT	INT. - INTERIOR
ADJ. - ADJUSTABLE	DRN. - DRAIN	I.P. - IRON PIPE
A.C. - AIR CONDITIONER	DRNG. - DRAINING	J.T. - JOINT
A.H.U. - AIR HANDLING UNIT	D.F. - DRINKING FOUNTAIN	JST. - JOIST
ALUM. - ALUMINUM	E.A. - EACH	KIT. - KITCHEN
A.B. - ANCHOR BOLT	E.H. - EACH HAY	KD. - KNOCKDOWN
APPROX. - APPROXIMATE	E.W.C. - ELECTRIC WATER COOLER	LAM. - LAMINATED
ARCH. - ARCHITECT/ENGINEER	ELEC. - ELECTRICAL	LAV. - LAVATORY
ARCH. - ARCHITECTURAL/ARCHITECT	E.C. - ELECTRICAL CLOSET	LH. - LEFT HAND
AVG. - AVERAGE	ELEV. - ELEVATION	LL. - LONGITUDINAL
B.C. - BASE CABINET	EQ. - EQUIPMENT	LVR. - LOUVER
BGMT. - BASEMENT	EQIP. - EQUIPMENT	M.H. - MANHOLE
BM. - BEARING	EXH. - EXHAUST	MFR. - MANUFACTURER
BRG. - BEARING	EXIST. - EXISTING	M.B. - MARKER BOARD
B.M. - BENCH MARK	EXP. - EXPANSION	M.O. - MASONRY OPENING
BLK. - BLOCK	E.J. - EXPANSION JOINT	MATL. - MATERIAL
BLKG. - BLOCKING	EXT. - EXTERIOR	MAX. - MAXIMUM
BD. - BOARD	FIN. - FINISH	MECH. - MECHANICAL
BDT. - BOTTOM OF FOOTING	FIN. FL. - FINISH FLOOR	M.C. - MEDICINE CABINET
B.O.F. - BOTTOM OF FOOTING	F.F.E. - FINISH FLOOR ELEVATION	MTL. - METAL THRESHOLD
B.T.U. - BRITISH THERMAL UNIT	FIN. GRD. - FINISH GRADE	M.T. - MINIMUM
BLDG. - BUILDING	F.D. - FIRE DAMPER	MIR. - MIRROR
BUR. - BULL NOSE	F.E. - FIRE EXTINGUISHER	M.S. - MOUNT
B.B. - BULLETIN BOARD	F.E.C. - FIRE EXTINGUISHER AND CABINET	MTD. - MOUNTED
CAB. - CABINET	F.H.C. - FIRE HOSE CABINET	MTG. - MOUNTING
C.I. - CAST IRON	F.H. - FIRE HYDRANT	M.H.T. - MOUNTING HEIGHT
C.I.P. - CAST IRON PIPE	F.T.D. - FIRE TREATED	MULL. - MULLION
C.L. - CEILING	F.F. - FUTURE	NOM. - NOMINAL
CLG. HT. - CEILING HEIGHT	F.S. - FIXED GLASS	N.T.C. - NOT IN CONTRACT
C.R. - CENTERLINE	FLEX. - FLEXIBLE	N.T.S. - NOT TO SCALE
C.C. - CENTER TO CENTER	F.L.R. - FLOOR DRAIN	N.H. - NIMH
C.D. - CEILING DRAIN	F.F. - FLOOR FINISH	N.O. - NOT ON CENTER
CB. - CHALKBOARD	FT. - FOOT/FEET	OP. - OPPOSITE
CLRM. - CLERK	FT. - FOOTING	O.P. - OPENING
CL. - CLEANOUT	FDN. - FOUNDATION	O.D. - OUTSIDE DIAMETER
CLR. - CLEAR	FRM. - FRAME	O.A. - OVERALL
CL. - COLD WATER	GA. - GAGE	PAIR. - PAIR
COL. - COLUMN	GALV. - GALVANIZED	P.N.L. - PANEL
CONB. - CONCRETE	GALV. - GALVANIZED IRON	PERF. - PERFORATED
CON. - CONCRETE	G.C. - GENERAL CONTRACTOR	PLAM. - PLASTIC LAMINATE
C.M.U. - CONCRETE MASONRY UNIT	G.B. - GRAB BAR	P. - PLATE
CONF. - CONFERENCE	G.R. - GRADE	P.V.C. - POLYVINYL CHLORIDE
CONN. - CONNECTION	GRD. BM. - GRADE BEAM	P.P. - POWER POLE
CONSTR. - CONSTRUCTION	GYP. - GYPSUM	PREFAB. - PREFABRICATED
CONT. - CONTINUOUS	H.D. - HAND DRYER	PROJ. - PROJECTED
CONTR. - CONTRACTOR	H.C. - HANDICAPPED	PROP. - PROPERTY LINE
CORR. - CORRIDOR	HDBD. - HARDBOARD	QTY. - QUANTITY
C.S.K. - COUNTERSINK	HDR. - HARDWARE	R. - RADIUS
C.F.M. - CUBIC FEET PER MINUTE	H.V.A.C. - HEATING, VENTILATING & AIR CONDITIONING	REF. - REFERENCE
D.L. - DEAD LOAD	HT. - HEIGHT	REFR. - REFRIGERATOR
D.F. - DIAGONAL	H.M. - HOLLOW METAL	REIN. - REINFORCING
DIAG. - DIAGONAL	H.S. - HOSE SIBB	REINFORC. - REINFORCEMENT
DIM. - DIMENSION	HORIZ. - HORIZONTAL	REQD. - REQUIRED
DN. - DOWN	H.R. - HOUR	R. - RADIUS
DR. - DOOR	H.D. - INSIDE DIAMETER	REV. - REVISION
DBL. - DOUBLE	INSUL. - INSULATED	R.H. - RIGHT HAND
	P.N.L. - INSULATED PANEL	R.H. - RIGHT-OF-WAY



SHEET INDEX	
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RECORD DRAWINGS	SET NUMBER
DRAWN BY _____	
DATE _____	



BASIS OF BEARINGS
THE BASIS OF THE BEARINGS SHOWN HEREON WERE BASED ON GRID NORTH USING AN "ASSUMED HERE" POSITION WITH A $\pm 10'$ ACCURACY TO NAD83

BASIS OF ELEVATIONS
ALL ELEVATIONS SHOWN HEREON WERE BASED ON NAVD83 (GEOID 09), USING AN "ASSUMED HERE" POSITION WITH A $\pm 10'$ ACCURACY TO NAVD83

1' CONTOUR INTERVAL

BENCHMARK #2
P.K. (SET)
ELEV. - 372.55'

BENCHMARK #1
RAIL ROAD SPIKE IN POWER
POLE (SET) ELEV. - 373.54'

DROP BOX INLET
RIM ELEV. - 369.36'
INV ELEV. - 368.14'
FULL OF WATER

DROP BOX INLET
RIM ELEV. - 369.23'
F.L. ELEV. - 367.90'

DROP BOX INLET
RIM ELEV. - 368.84'
F.L. ELEV. - 367.64'

DROP BOX INLET
RIM ELEV. - 368.12'
F.L. ELEV. - 364.26'

DROP BOX INLET
RIM ELEV. - 364.68'
F.L. ELEV. - 361.73'

2ND AVENUE

LEGEND	
SYMBOLS THAT MAY APPEAR ON DRAWING	
---	RIGHT OF WAY
---	PROPERTY LINE
---	ADJOINING PROPERTY LINE
---	EXISTING EASEMENT
---	EXISTING 1" CONTOUR
---	EXISTING 5" CONTOUR
---	EXISTING CONCRETE CURB
---	EXISTING UNDERGROUND ELECTRICAL LINE
---	EXISTING UNDERGROUND TELEPHONE LINE
---	EXISTING SANITARY SEWER
---	EXISTING GASLINE
---	EXISTING FENCE
---	EXISTING FIRE HYDRANT
---	WATER VALVE
---	WATER METER
---	GAS METER
---	EXISTING POWER POLE
---	EXISTING LIGHT POLE (2 LIGHTS)
---	EXISTING SANITARY SEWER MANHOLE
---	EXISTING STORM SEWER MANHOLE
---	DROP BOX INLET (DBI)
---	EXISTING TRANSFORMER PAD
---	TELEPHONE PEDESTAL
---	EXISTING TREE
---	SPRINKLER HEAD
---	EXISTING SIGN
---	BENCH MARK
---	DOWNSPOUT
---	ELECTRIC JUNCTION BOX
---	EXISTING GUIDE WIRE
---	EXISTING CLEANOUT
---	EXISTING BOLLARD
---	1/2" IRON PIN & CAP (SET) R. NEUMANN KY PLS-3857
---	IRON PIN FOUND AS DESCRIBED
---	IRON PIPE FOUND AS DESCRIBED
---	EXISTING STRUCTURE (AS NOTED)
---	EXISTING CONCRETE
---	EXISTING GRAVEL
---	EXISTING RIP RAP
---	EXISTING LANDSCAPED AREA

GENERAL NOTES

1. THIS SURVEY IS SUBJECT TO ANY AND ALL LEGAL EASEMENTS AND RIGHT OF WAYS RECORDED OR UNRECORDED, INCLUDING BUT NOT LIMITED TO THOSE SHOWN HEREON.
2. THIS SURVEY IS SUBJECT TO ANY AND ALL FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
3. THE LOCATION OF THE UNDERGROUND AND ABOVE GROUND UTILITIES SHOWN HEREON ARE BASED ON THE FIELD LOCATION OF FOUND VISIBLE STRUCTURES OR AS FLAGGED AND/OR PAINTED BY THEIR RESPECTIVE UTILITY COMPANIES. OTHER UTILITIES MAY EXIST. NO GUARANTEE IS EXPRESSED OR IMPLIED AS TO THE ACTUAL LOCATION AND/OR EXISTENCE OF SAID UNDERGROUND UTILITIES ON THIS SITE.
4. THE PROPERTY SHOWN HEREON IS SUBJECT TO THE RULES, REGULATIONS, SETBACKS AND ORDINANCES SET FORTH BY THE LOCAL PLANNING COMMISSION.
5. GPS NOTE:
50 % OF SURVEY WAS PERFORMED USING TRIMBLE - R8 - DUAL FREQUENCY GPS UNITS UTILIZING REAL TIME KINEMATIC SURVEYING TECHNIQUES. WITH AN UNADJUSTED PRECISION TO CONTROL POINTS BEING LESS THAN 0.05' OR BEING GREATER THAN 1 : 10,000.
6. FLOOD ZONE:
THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD ZONE AS INDICATED BY FLOOD INSURANCE RATE MAPS COMMUNITY PANEL NO. 21101C0220E, EFFECTIVE DATE OF FEBRUARY 20, 2013.
7. THIS IS NOT A BOUNDARY SURVEY. NOT TO BE RECORDED OR USED FOR THE TRANSFER OF REAL PROPERTY. LOT LINES ARE SHOWN FOR INDEXING PURPOSES ONLY AND SHOULD NOT BE CONSTRUED TO BE TRUE AND ACCURATE.

TOPOGRAPHIC SURVEY CERTIFICATION

THIS IS TO CERTIFY, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, ALL INFORMATION SHOWN HEREON IS TRUE AND ACCURATELY SHOWN.

STATE OF KENTUCKY
ROBERT NEUMANN
3857
LICENSED PROFESSIONAL LAND SURVEYOR

SIGNED: _____ DATE: _____



RBS DESIGN GROUP
Architecture

723 Howard Drive, Owensboro, KY 42301
Phone: (270) 683-1158 Fax: (270) 683-2446
E-Mail: office@rbsdesigngroup.com

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JOB NUMBER
213-235

DRAWN BY
MDA

CHECKED BY
JTW

DATE
11/21/13

HENDERSON COUNTY SCHOOLS
NORTH MIDDLE SCHOOL
PAVING REPAIRS 2014
EXISTING TOPO

SHEET NUMBER
C-1



GENERAL NOTES

1. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL PERMITTING AUTHORITIES.
2. NO GRADING, STRIPPING, EXCAVATION, FILLING OR OTHER DISTURBANCE OF THE NATURAL GROUND COVER SHALL TAKE PLACE UNTIL PROPOSED SOIL EROSION CONTROL PLAN HAS BEEN APPROVED AND IN PLACE.
3. ALL DIMENSIONS INVOLVING CURB ARE SHOWN TO FACE OF CURB, UNLESS NOTED OTHERWISE.
4. IN THE CASE OF CONFLICT BETWEEN THIS DRAWING AND ANY OTHER DRAWING AND/ OR SPECIFICATIONS, THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR CLARIFICATION.
5. THE CONTRACTOR SHALL BID AND PERFORM THE WORK IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES AND THE REQUIREMENTS OF LOCAL UTILITY COMPANIES.
6. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, WARNING SIGNS, FLASHING LIGHTS AND THE TRAFFIC CONTROL DEVICES DURING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND SAFETY REQUIREMENTS.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF ALL VEHICLE TRAFFIC IN AND AROUND THE CONSTRUCTION AREA.
8. ALL PAVEMENT MARKINGS INCLUDING STRIPES, DIRECTIONAL ARROWS, ETC., SHALL BE WHITE PAINT (TWO COATS). HANDICAP SYMBOL COLORS SHALL BE PER LOCAL CODE. APPROVED EXTERIOR PAINTS ARE AS FOLLOWS:

PRATT AND LAMBERT TRAFFIC PAINT
SHERWIN-WILLIAMS PRO-MAR TRAFFIC MARKING
-PAINT 828 SERIES
GOLDEN ROMARK TRAFFIC PAINT
PPG ZONE AND TRAFFIC MARKING PAINT
FOY-JOHNSTON TRAFFIC PAINT 9862

PAVING LEGEND

- 2" ASPHALT OVERLAY
- MILL & OVERLAY
SEE SHEET C-4 FOR PROPOSED ELEVATIONS
- EDGE KEY

RBS DESIGN GROUP

Architecture

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DELIVERED SCALE: AS SHOWN
VERIFY AND RECONSTRUCT EXISTING CONDITIONS PRIOR TO CONSTRUCTION. ALL FIELD AND UTILITY ALL DIMENSIONS AND CONDITIONS AT JOB SITE.

JOB NUMBER	213-235
DRAWN BY	MDA
CHECKED BY	JTW
DATE	11/21/13

REVISIONS	NO.	DATE

HENDERSON COUNTY SCHOOLS
NORTH MIDDLE SCHOOL
PAVING REPAIRS 2014

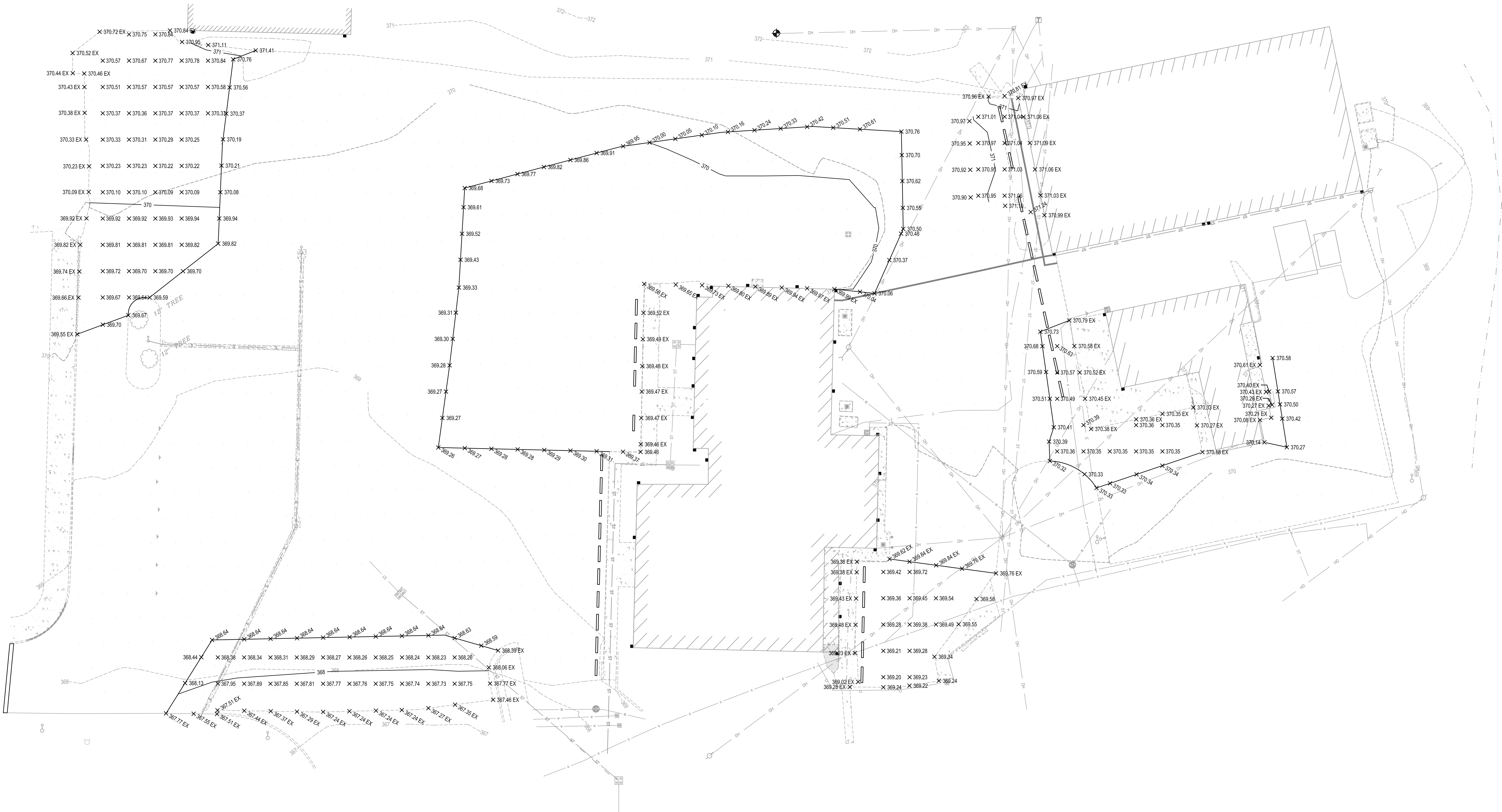
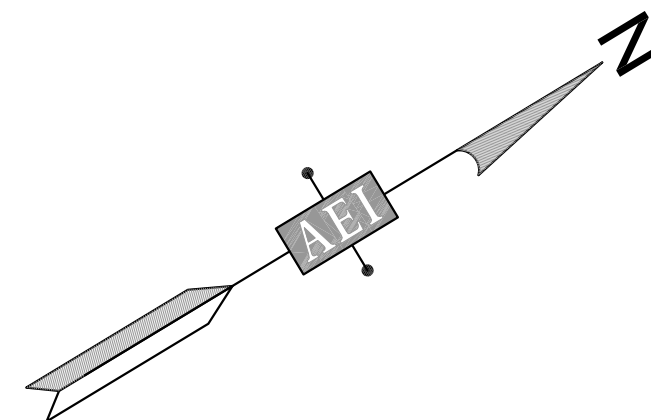
PAVING PLAN

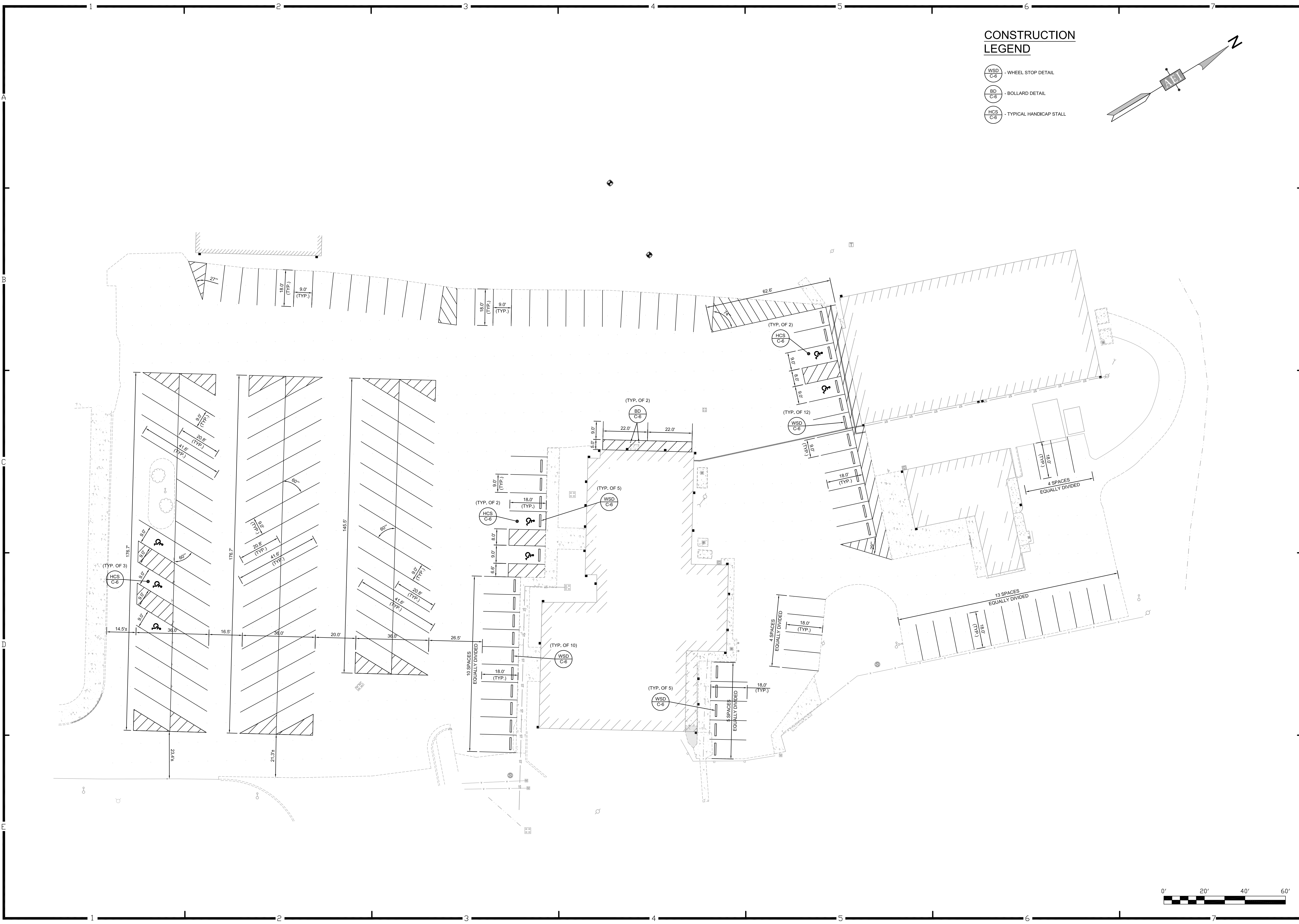
SHEET NUMBER

C-2

GRADING AND DRAINAGE NOTES:

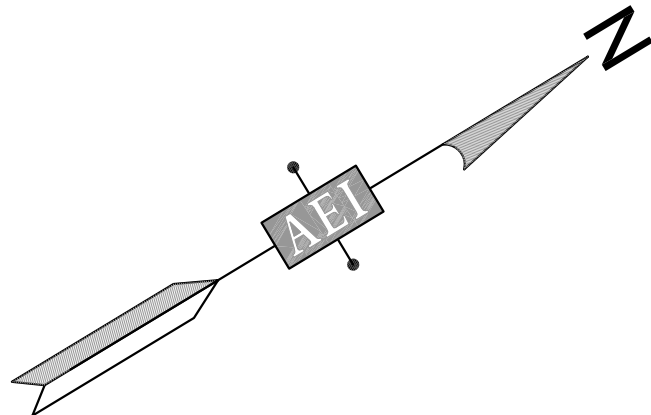
1. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL NOTIFY KY-611 48 HOURS PRIOR TO EXCAVATION.
2. STONE BASES SHOULD BE COMPACTED TO A DENSITY SATISFACTORY TO ENGINEER, TYPICALLY 84% OF SOLID VOLUME OR BY TEST STRIP METHODS.
3. GRADE LINES SHOWN ARE FINISHED GRADE. CONTRACTOR SHOULD SEE DETAIL SHEET FOR APPROPRIATE PAVEMENT TYPE TO DETERMINE SUB-GRADE ELEVATIONS FOR PAVING AREAS.
4. CONTRACTOR IS ADVISED THAT FINAL GRADING AND CURB PLACEMENT SHALL BE COMPLETED TO ACCOMMODATE THE FOLLOWING:
 - A. NO WATER WILL POND AT POINTS WHERE LANDSCAPE ISLANDS EXTEND INTO PARKING FIELDS.
 - B. SPACES DESIGNATED FOR HANDICAP PARKING AND ACCESS AISLE SHALL HAVE A FINAL SLOPE AFTER PAVING IS COMPLETED OF NOT MORE THAN 2.0%. IF EITHER OF THESE ITEMS ARE NOT CONSTRUCTED AS OUTLINED ABOVE, REWORK WILL BE PROVIDED BY THE CONTRACTOR TO CORRECT DEFICIENCIES AT THE CONTRACTORS EXPENSE.
13. THE CONTRACTOR SHALL VERIFY POSITIVE FLOW FOR ALL STORM SEWER SYSTEMS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.





CONSTRUCTION
LEGEND

- WSD
C-6 - WHEEL STOP DETAIL
- BD
C-6 - BOLLARD DETAIL
- HCS
C-6 - TYPICAL HANDICAP STALL



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REVISIONS	
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HENDERSON COUNTY SCHOOLS
NORTH MIDDLE SCHOOL
PAVING REPAIRS 2014
STRIPING PLAN

