

0 F . L Q Q H \ , Q G H S H Q G H Q W 6 F K R R C
) L Q F K (O H P H Q W D U \
, P S U R Y H P H Q W 3 O D Q



% R D U G \$ S S U R Z F D W R E D W H
3 X E O L F 3 U H V H Q W W W E R Q ' D W H

0 L V V L R Q 6 W D W H P H Q W

9 L V L R Q

& R P S U H K H Q V L Y H 1 H H G V \$ V V H V

3 H U F H S W L R Q V 6 X P P D U \

, W L V R X U P L V V L R Q D Q G Y L V L R Q W R S U H S D U H R X U V W X G H Q W V W R E H F U L W L F D O W K L Q N H U V D Q G

3 U L R U L W \ 3 U R E O H P 6 W D W H P +

) L Q F K (O H P H Q W D U \
* H Q H U D W H G E \ 3 O D Q / H D U Q L Q J F R P

R I

& D P S X V
2 F W R E H U

* R D O V

+LJK 3ULRULW\

(YDOXDWLRQ 'D6WDQBDUWHVSRQVH 3URWRFRO SRVWHG LQ DOO URRPV DQG XVHG GXULQJ D(GLVWULFW SROLF\

)LUH

/RFNGRZQ

+ROG IRU OHGLFDO (PHUJHQF\

+D]DUGRXV ODWHULDODV

6HYHUU :HDWKHU

6KHOWHU

5HYHUVH (YDFXDWLRLQ

+ROG

6HFXUH

(23 DIWHU DFWLRQ GULOO UHSRUWV 6DIHW\ \$XGLW ([WHUQDO \$XGLW 5HSRUWV

6WUDWHJ\ 'HWDL	V	5HYLHZV
6WUDW)HLQFK ZLOO HQVXUH WKDW WKH 0,6' /LYHV .LQG LQLWLDWLYH LV LP WKH VFKRRO FRXQVHORU WKH & RRUGLQDWHG +HDOWK\ 7HDP ,QVWUXFW	PSOHPIRQPDHMLV H8 XPHPPDV LRQDQ HDGHUV DQG :H ZLOO XWLOL]H WKH 0,6' /LYHV .LQG LQWHUQDO VLWH DQG GLVWULFW 3'	
6WUDWHJ\ V ([SHFWHG Q5FKV XDOO, BSRDFXWHQW SDUWLFLSDWLRQ LQ 0,6' /LYHV .LQG DQG SDUW		
:H ZLOO XWLOL]H WKH 0,6' /LYHV .LQG LQWHUQDO VLWH DQG GLVWULFW 3'		

0%

1R 3URJUHV \$FFRPSOLVKH & RQWLQXH ORGLI\

(Y D O X D W L R Q ' D B W I D Q 6 F R L X S U D F C H V H H G E D F N D G P L Q L V W U D W L Y H F D O H Q G D U L P S O H P H Q W D W L R Q R I F D

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWHJ\ 'HWDLOV WUDWHLQFK ZLOO SURYLGH SURIHVVLRQDO OHDUQLQJ RSSRUWXQLWLHV WUDWHJ\ V ([SHFWHG BFKH\OW ZIPSOFEM DEOH WR DQDO\]H DQG XWLOL 6WDII 5HVSQRQVLEOH&DRISXORQGWRO\LDQJG LQVWUXFWLRQDO FRDFKHV	RFXVIRG PRDWLYHGX\$ PDDFV 1RY }HE -XQH HGDWD WR VXSSRUW
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWHJ\ 'HWDLOV WUDWHLQFK ZLOO LPSOHPHQW D 3/& PRGHO WR FROODERUDWH RQ WKH J 6WUDWHJ\ V ([SHFWHG BFKH\OW ZIPSOFEM DEOH WR DQDO\]H DQG XWLOL 6WDII 5HVSQRQVLEOH&DRISXORQGWRO\LQQVWUXFWLRQDO &RDFKHV DQG WHDFKHUV	RDOV) RDQPGD RWXW HFRPPHPDV HGRWD WRHE VSSRXQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWHJ\ 'HWDLOV WUDWHLQFK ZLOO LPSOHPHQW WKH 0,6' DVVHVVPHQW SODQ IRU . 6WUDWHJ\ V ([SHFWHG VSHWVXPHWQWP\\$DQFDVQ ZLOO DOORZ IRU WKH FROOHFWLRQ RI DFWERQDEQH QHHGV 6WDII 5HVSQRQVLEOH&DRISXORQGWRO\LQQVWUXFWLRQDO &RDFKHV 7HDFKHUV)RUPDWLYH6XPPDV WLRQRI DFWERQDEQH)HE
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWHJ\ 'HWDLOV WUDWHLQFK ZLOO UHFRJQL]H DFDGHPLF VXFFHVV DFURVV WKH FDPSXV 6WUDWHJ\ V ([SHFWHG BHQXDWVWP\\$DQFWLRQDO FRDFKHV WHDFKHUV DQG FRPPXQLW\ ZLOO EH	

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW)HLQFK ZLOO XVH VXPPDWLYH DQG IRUPDWLYH DVVHVVPHQW GDWD WR PRRQWDRWLYH XIRUDGV 6WUDWHJ\ V ([SHFWH7K USRIVXKIO WD, WSDUFMYLHZ WHDFKHUV ZLOO EH DEOH WR RRFXV)HQ VSHEXQH 6WDII 5HVSQRQVLEOH HIRUQMLW, & VL QGPLQ	
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW)HLQFK ZLOO XVH VXPPDWLYH DQG IRUPDWLYH DVVHVVPHQW GDWD WR PRRQWDRWLYH XIRUDGV 6WUDWHJ\ V ([SHFWH7K USRIVXKIO WD, WSDUFMYLHZ WHDFKHUV ZLOO EH DEOH WR RRFXV)HQ VSHEXQH 6WDII 5HVSQRQVLEOH HIRUQMLW, & VL QGPLQ	
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW\$HGRPLQLVWUDWLYH WHDP ZLOO PRQLWRU DQG FRPPXQLFDWH DWWH QGDQFH SHUFHQWDJHV FRPPXQLW\ UHJXODUO\ 6WUDWHJ\ V ([SHFWHG 5HVXOW ,PSDFW	

6 WUDWHJ\ 'HWDLGV

5HYLHZV

(YDOXDWRQ 'D5M\W\XBR\UQHWWDI\ VXUYH\

6WUDWHJ\ 'HWDL\OV	5HYLHZV
6WUDW)HLQFK ZLOO GHVLJQ DQG LPSOHPHQW D PHQWRU DQG PHQWHH SURJUDP)WIRPVDXSLSYR\HWPQBXZ 6WUDWHJ\ V ([SHFWH\QFSUHVDXV\H\WU,IRW\QWLRQ RI QHZ VWDII E\ SURYLGLQJ WIRDFKHU\H\EX\\$SRX\W 6WDII 5HVSRQVLEOH\\$GRUQDQLGWRHDQKHUV	JUDP)WIRPVDXSLSYR\HWPQBXZ WIRDFKHU\H\EX\\$SRX\W
 1R 3URJUHV \$FFRPSOLVKH & RQWLQXH OR  I\LVFRQWLQXH	

)LQFK (OHPHQWDU\
*HQHUDWHG E\ 3ODQ /HDUQLQJ FRP

RI

& DPSXV
2FWREHU

(YDOXDWL RQ 'DWMID F6KRHKU F/HWDII D Q G VWDNH KROGHU VXUYH\ V HYHQW DWWHQGDQFH

6 WUDWHJ\ 'HWDL OV	5 HYLHZV
6 WUDW)HLQFK ZLOO GHYHORS D FRODERUDWLYH OHVVRQ GHVLJQ SURFHV 6 WUDWHJ\ V ([SHFWHG DSGH XOOH HOSDZLWOO PHHW ZHHNO\ WR UHYLHZ DQG UHKLVH QHEV VRQ XQH 6 WDII 5HVS RQVLEOH\$GRUQOR, &LW RMUHDQJK HUV	VR)MRKUDW WHLYH HXRPQPH V G UHKLVH QHEV VRQ XQH
6 WUDWHJ\ 'HWDL OV	5 HYLHZV
6 WUDW)HLQFK ZLOO SURYLGH RSSRUWXQLWLHV WR SDUHQWV VWDI VVWXG SURFHV 6 WUDWHJ\ V ([SHFWHG DSGH WLRKDSND WPLSRDGF WLWK VLWH EDVHG GHFLVLRQ PDNLQJ FRPPLWW +LJK 6FKRRO 6 WDII 5HVS RQVLEOH\$GRUQORQLWRULQJ	HQWYR UDQDGWR WHKHUP RVDW 1RY)HE - XQH 6+\$
0%... 1R 3URJUHV	

(YDOXDWRQ 'DWDFRQQX UREHV JUDGH OHYHO QHZVOHWWHUV 5HPLQG 6FKRRO OHVVHQJHU

6WUDWHJ\ 'HWDLQV	5HYLHZV
6WUDW)HLQFK ZLOO VKDUH SRVLWLYH VWRULHV WKURXJK VRFLDO PHGLD DQG FDPISDXWDQG H6KUPDGH	
6WUDWHJ\ V ([SHFWHQFSUHVDXVHNG ,PISDFXQLW\ HQJDJHPHQW	1RY)HE
6WDII 5HVSRQVLEOH\$GRUQORQSLWDRQG QWHDFFKHUV	

(Y D O X D W L R Q ' D W X D G S I R W U S F X H W F K D V L Q J U H F R U G V

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW)HLQFK ZLOO DQDO\]H DOO H[SHQGLWXUHV IRU EXGJHW UHFRPPHQGDWLR)QRUPDWLYH6XP P DV 6WUDWHJ\ V ([SHFWHGS5HQVGXLOWX UPASDDFWH DQDO\]HG WR GHWHUPLQH HIIHFWRYQ VVWYHEHQW-RQW 6WDII 5HVSRQVLEOH\$GRUQDQQLGWRDUPLSQXV VFHUHWDU\	DWLR)QRUPDWLYH6XP P DV VWYHEHQW-RQW
 1 R 3URJUHV \$FFRPSOLVKH & RQWLQXH OR  ILVFRQWLQXH	

)LQFK (OHPHQWDU\
*HQHUDWHG E\ 3ODQ /HDUQLQJ FRP

RI

& DPSXV
2FWREHU

(YDOXDWRQ 'DWD 6RXUFHV

(YDOXDWL RQ 'D6X P6LRVXULRQV RI ZRUN RUGHU WLFNHWV IRU UHS DLU

6WUDWHJ\ 'HWDLOV

5HYLHZV

6WUDW)HQLQFK ZLOO LGHQWLIV EXLOGLQJ V\VWHPV WKDW DUH LQ QHHG RI UHSODFHPHQW
6WUDWHJ\ V ([SHFWHG 5HVXOW ,PSDFW