BASIS OF BENCHMARKS: BM #1 MF0085 A DISC FOUND IN THE NORTH FACE OF THE FIRST NATIONAL BANK OF JOLIET. LOCATED ON THE SOUTH SIDE OF VAN BUREN STREET AND EAST OF CHICAGO STREET 543.90 NAVD 88 GEOID 18

BM #2 SOUTHWEST UPPER FLANGE BOLT OF FIRE HYDRANT LOCATED AT THE SOUTHEAST CORNER OF OTTAWA STREET AND WEBSTER STREET. 538.34 NAVD 88 GEOID 18

BM #3 ARROW BOLT ON UPPER FLANGE BOLT OF FIRE HYDRANT AT THE NORTHEAST CORNER OF CHICAGO STREET AND WEBSTER STREET. 543.27 NAVD GEOID 18

#### CONTROL POINTS

ALL COORDINATES SHOWN ARE BASED ON ILLINOIS EAST ZONE NAD 1983.

POINT NUMBER 507 SET CROSS IN WALK AT THE SOUTHWEST CORNER OF CHICAGO STREET AND WEBSTER STREET. 1,770,941 922 1,053,141 869 541 45

POINT NUMBER 600 SET X IN SIDEWALK ON SOUTH SIDE OF WEBSTER STREET AT THE WESTERLY ENTRANCE TO THE JOLIET CULINARY ARTS BUILDING. 1,700,953,518 1,052,965.191 538.40

POINT NUMBER 624 FOUND X IN WALK AT THE SOUTHEAST CORNER OF OTTAWA STREET AND WEBSTER STREET. 1,770,933.076 1,052.,785.795 536.62

POINT NUMBER 623 SET PK NAIL AT THE NORTH END OF PARKING STRIPE, IN PARKING LOT WEST OF CHICAGO STREET. 1,771,151.569 1,053,055.897 538.55

POINT NUMBER 626 SET PK NAIL IN ASPHALT ON THE EAST SIDE OF UTILAWA STREET IN HANDI-CAPPED PARKING SPACE SOUTH OF ALLEY.

1,771,096.608 1,052,800.685 535.97

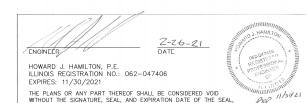
#### DRAINAGE CERTIFICATE

DRAINAGE CERTIFICATE

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THIS CONSTRUCTION OR ANY PART THEREOF, OR, THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISION HAS BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS IN TO PUBLIC AREA, OR DRAINS WHICH THE PROPERTY OWNER HAS A RICHIT TO USE AND THAT SUCH DRAINAGE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THIS CONSTRUCTION.

DESIGN ENGINEER

OF THE ENGINEER.







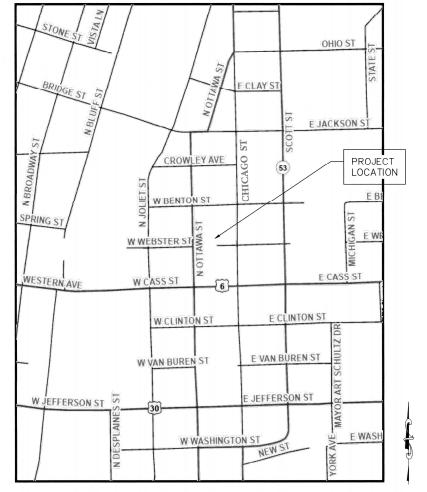
Existing Utilities, as indicated on the drawings, show approximate location only and are to give the Contractor an indication of conditions which may be encountered. While most are shown based upon available information, the Contractor shall be responsible for location and protection of all existing utilities during construction. The Contractor shall notify all underground utility companies (NI-Gas, Ameritech, Commonwealth Edison, etc.) and "JULIE" to verify locations before starting construction.

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THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY

# JOLIET JUNIOR COLLEGE

# CITY CENTER CAMPUS PARKING LOT AND PLAZA



**LOCATION MAP** 

# INDEX OF SHEETS

- COVER
- GENERAL NOTES
- SCHEDULE OF QUANTITIES
- **EXISTING CONDITIONS**
- **DEMOLITION PLAN**
- GEOMETRIC PLAN GRADING PLAN
- IL 53 (OTTAWA STREET) CROSS-SECTIONS
- SOIL EROSION SEDIMENT CONTROL PLAN
- SOIL EROSION SEDIMENT CONTROL NOTES & DETAILS
- LITH ITY PLAN
- CONSTRUCTION DETAILS
- EXISTING DRAINAGE PLAN
- PROPOSED DRAINAGE PLAN LIGHTING PLAN
- PHOTOMETRIC PLAN
- SOIL BORINGS
- CONSTRUCTION STAGING PLAN

#### LANDSCAPE SHEETS

- L1. SITE AMENITIES PLAN
- L2. LANDSCAPE PLAN
- L3. DETAILS

THE BOUNDARY LINES AND TOPOGRAPHY FOR THIS PROJECT ARE BASED ON A FIELD SURVEY COMPLETED BY HAMILTON CONSULTING ENGINEERS, INC. ON JULY 31, 2020. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY HAMILTON CONSULTING ENGINEERS, INC. AND THE CLIENT IN WRITING OF ANY DIFFERING CONDITIONS.

OWNER:
JOLIET JUNIOR COLLEGE
1215 HOUBOLT ROAD
JOLIET, IL 60431
CONTACT: RICHARD LYMAN
MANAGER, CONSTRUCTION AND FACILITY OPERATIONS RI YMAN@JJC.FDU

### UTILITY CONTACTS

COMED
THREE LINCOLN CENTER
OAKBROOK TERRACE, IL 60181
(630)576-7094

NAPERVILLE, IL 60563 CONTACT: CHARLES M. "CHIP" PARROTT, PE

FIBER OPTIC:
WINDSTREAM TELECOMMUNICATIONS
DAMAGE PREVENTION GROUP
LOCATE.DESK@WINDSTREAM.COM (800)289-1901

CENTURY LINK
NATIONALRELO@CENTURYLINK.COM
(877)366-8344 x2

METRO FIBERNET, LLC CONTACT: KORIE NELLIS (812)213-1378 KORIE.NELLIS@METRONETINC.COM

WATER & SANITARY SEWER: CITY OF JOLIET
DEPARTMENT OF PUBLIC UTILITIES
150 W. JEFFERSON STREET
JOLIET, IL 60432

(815)724-4220 TELECOMMUNICATIONS: G11629@ATT.COM

CABLE TELEVISION: COMCAST CONTACT: MARTHA GIERAS MARTHAGIERAS@COMCAST.COM

(224)229-5862

u**pland**Desi

CITY CENTER CAMPUS
PARKING LOT AND PLAZA

GE

ET JUNIOR COLLEG 215 HOUBOLT RD JOLIET, IL 60431

JOLIET , 1215

1-2021 CHECKED HJH

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#### GENERAL NOTES

- CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) PRIOR TO ANY WORK TO LOCATE UTILITIES AND SHALL CONTACT
  THE OWNER AND ENGINEER SHOULD UTILITIES APPEAR TO BE IN CONFLICT WITH PROPOSED IMPROVEMENTS.
- 2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATIONS AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST THE EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPROSED IMPROVEMENTS SHOWN ON THE PLANS THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- 4. IT SHALL BE THE CONTRACTOR'S DUTY AND RESPONSIBILITY TO ASCERTAIN AND EXECUTE THE MEANS, METHODS, AND SEQUENCE OF CONSTRUCTION IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS. THIS SHALL INCLUDE, BUT NO BE LIMITED TO, THE EXCLUSIVE DUTY AND RESPONSIBILITY TO PROVIDE FOR WORKPLACE SAFETY AND
- 5. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO THE EXISTING CONDITION OR BETTER.
- 6. MAINTAIN ACCESS FOR VEHICULAR AND PEDESTRIAN TRAFFIC AS REQUIRED FOR OTHER CONSTRUCTION ACTIVITIES. USE TRAFFIC CONTROL DEVISES TO INCLUDE TEMPORARY STRIPING, FLAGMEN, BARRICADES, WARNING SIGNS, AND WARNING LIGHTS IN ACCORDANCE WITH CURRENT MUTCD AND IDOT STANDARDS.
- 7. PEDESTRIAN ACCESS TO/FROM ADJACENT PARKING AREAS AND TO/FROM ALL EXISTING BUILDINGS SHALL BE PRESERVED.
- 8. EXISTING FLOW PATTERNS, DRAINAGE STRUCTURES AND STORM SEWERS SHALL BE PRESERVED UNLESS SPECIFICALLY CALLED FOR REMOVAL. THE OWNERS AND ENGINEER SHALL BE IMMEDIATELY NOTIFIED UPON ENCOUNTERING ANY SITE CONDITIONS THAT
- 9. ALL WORK TO COMPLY AND BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED APRIL 2016, AND ASSOCIATED SUPPLEMENTAL SPECIFICATIONS, AND RECURRING SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM CONTROL DEVISED FOR STREETS AND HIGHWAYS, LATEST EDITION.
- 10. CONTRACTOR SHALL VERIFY THE ELEVATIONS OF SITE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTORS SHALL ALSO FIELD VERIFY LOCATION AND ELEVATIONS OF EXISTING PIPE INVERTS, AND FLOOR, CURB, OR PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL OR VERTICAL CONTROL BY REFERENCING SHOWN COORDINATES OR ELEVATIONS TO HORIZONTAL OR VERTICAL CONTROL POINTS PRIOR TO PROCEEDING WITH WORK.
- 11. THE CONTRACTOR, AT HIS EXPENSE, MAY BE REQUIRED TEMPORARILY TO REMOVE AND RELOCATE STREET SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO RE-ERECT THEM AT THE PROPER LOCATIONS AFTER CONSTRUCTION OPERATIONS, ARE COMPLETED. ANY SUCH SIGNS DAMAGED OR LOST BY THE CONTRACTOR WILL BE REPLACED AT THE
- 12. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH IDOT SPECIFICATIONS, THE SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER.
- 13. THE CONTRACTOR SHALL ENSURE THAT ALL TRAFFIC CONTROL DEVISES ARE OPERATIONAL AND EFFECTIVE 24 HOURS A DAY, INCLUDING SUNDAY'S AND HOLIDAYS.
- 14. THE CONTRACTOR SHALL MAINTAIN ACCESS TO EMERGENCY VEHICLES, RESIDENTS AND BUILDING USERS AT ALL TIMES. AT LEAST ONE LANE OF TRAFFIC SHALL BE OPEN AT ALL TIMES. SAFE PEDESTRIAN ROUTES TO BUILDING ENTRANCES SHALL BE MAINTAINED.
- 15. EXCAVATIONS OUTSIDE PAVEMENTS REMAINING OPEN OVERNIGHT SHALL BE PROTECTED EACH NIGHT, THIS MAY BE ACHIEVED BY BACKFILLING TO GRADE, STEEL PLATES, LIGHTED BARRICADES, OR FENCING ON ALL SIDES.
- 16. ON A DAILY BASIS. THE WORK AND THE ADJACENT AREAS AFFECTED THEREBY SHALL BE CLEANED UP AND ALL RUBBISH ON A DALL BASIS, THE WORK AND HE ADJOVEN HARAS AFFOLION HEADER SPALE BE CERTIFIED AND ALL DAMAGE REPAIRED SO THAT THE PUBLIC AND PRIVATE OWNERS WILL BE INCONVENIENCED AS LITTLE AS POSSIBLE. UPON COMPLETION OF THE WORK, THESE AREAS SHALL EB LEFT IN A CLEAN AND NEAT CONDITION.
- 17. NO EQUIPMENT SHALL BE LEFT ON CITY OR STATE RIGHTS-OF-WAY, OR PRIVATE PROPERTY WITHOUT PRIOR AUTHORIZATION.

# ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD DETAILS

424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDWALKS
602001-02	CATCH BASIN TYPE A
602301-04	INLET-TYPE A
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604051-04	FRAME AND GRATE TYPE 11
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CU
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600

CURB AND GUTTER DOmm) FROM PAVEMENT EDGE OFF-RD OPERATIONS, MULTILANE, 19 (4-5)11 10 24 (0001111) FROM PAVEMEN OFF-RD OPERATIONS, MULTILANE, MORE THAN 15 (4-5) AWAY URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN SIDEWALK, CORNER OR CROSSWALK CLOSURE TRAFFIC CONTROL DEVICES 701106-02 701601-09 701801-06

701901-08 720001-01 720006-04 720011-01 728001-01 TRAFFIC CONTROL DEVICES
SIGN PANEL MOUNTING DETAILS
SIGN PANEL ERECTION DETAILS
METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
TELESCOPING STEEL SIGN SUPPORT

APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS) BASE FOR TELESCOPING STEEL SIGN SUPPORT 729001-01

731001-01

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUREAU OF DESIGN

BD500-01 (BD-7) DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER BD600-06 (BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 1 TRAFFIC CONTROL

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS DISTRICT ONE TYPICAL PAVEMENT MARKINGS

## SYMBOL LEGEND

OTHEOL	LLOLIND
0	BUSH / SHRUB
0	DECIDUOUS TREE
<b>₽</b>	CONIFEROUS TREE
þ	SIGN
-0-	UTILITY POLE
←	UTILITY POLE GUY ANCHOR
	HAND HOLE
<u>⊠</u>	DOUBLE HAND HOLE CONTROL CABINET
B	IBT RISER / SPLICE BOX
Д	STREET LIGHT
ø	FIRE HYDRANT
8	WATER SERVICE VALVE
0	WATER VALVE BOX
•	WATER VALVE VAULT
⊲	FLARED END SECTION
	STORM INLET
0	STORM CATCH BASIN
0	SANITARY/STORM MANHOLE
	SANITARY PIPE
— >—	
	WATER MAIN
— G —	UNDERGROUND GAS LINE UNDERGROUND TELECOMMUNICATIONS LINE
	OVERHEAD UTILITY LINE
	UNDERGROUND ELECTRIC LINE
—x	FENCE LINE
	FLOOD ZONE BOUNDARY LINE
735	EXISTING CONTOUR LINE
-731-	PROPOSED CONTOUR LINE
$\langle \Box$	EMERGENCY OVER FLOW
<b>⊕</b> <sub>B−1</sub>	SOIL BORING LOCATION

#### JOLIET JUNIOR COLLEGE CITY CENTER CAMPUS PARKING LOT AND PLAZA SCHEDULE OF QUANTITIES

_	DEMOLITION		
No.	ITEM	UNIT	QUANTITY
1	HMA Removal, Special	Sq Yd	1914
2	Pavement Removal, Full Depth	Sq Yd	243
3	Driveway Pavement Removal	Sq Yd	36
4	Combination Curb And Gutter Removal	Foot	754
5	Hot-Mix Asphalt Surface Removal, 2"	Sq Yd	116
6	Concrete Removal, Special	Sq Ft	6278
7	Storm Sewer Removal 8"	Foot	181
8	Storm Sewer Removal 10"	Foot	35
9	Storm Sewer Removal 12"	Foot	19
10	Removing Catch Basins	Each	3
11	Removing Inlets	Each	4
12	Brick Paver Removal, Special	Sq Ft	100
13	Remove Existing Street Lights, Special	Each	2
14	Abandon And Fill Existing Storm Sewer	Foot	8
15	Construction Fence Removal	Foot	500
16	Remore Sign Panel Assembly - Type A	Each	14
17	Remove Existing Handhole	Each	2
18	Parking Meter Removal, Special	Each	6
19	Remove Existing Masonry Block Trash Enclosure	L Sum	1
20	Monument Sign Removal, Special	Each	1
	EARTHWORK AND PAVING		
Na			
No.	DESIGNATION	UNIT	QUANTITY
21	DESIGNATION  Earth Excavation	Cu Yd	QUANTITY 590
			-
21	Earth Excavation	Cu Yd	590
21 22	Earth Excavation Rock Excavation	Cu Yd Cu Yd	590 11
21 22 23	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)	Cu Yd Cu Yd Lbs	590 11 5052
21 22 23 24	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"	Cu Yd Cu Yd Lbs Sq Yd	590 11 5052 100
21 22 23 24 25	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base	Cu Yd Cu Yd Lbs Sq Yd Sq Yd	590 11 5052 100 2246
21 22 23 24 25 26	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON	590 11 5052 100 2246 269
21 22 23 24 25 26 27	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd	590 11 5052 100 2246 269 70
21 22 23 24 25 26 27 28	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd	590 11 5052 100 2246 269 70
21 22 23 24 25 26 27 28 29	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-6.12	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd Cu Yd TON	590 11 5052 100 2246 269 70 70 235
21 22 23 24 25 26 27 28 29 30	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd Cu Yd TON TON	590 11 5052 100 2246 269 70 70 235 305
21 22 23 24 25 26 27 28 29 30 31 32	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-6.12  Combination Concrete Curb And Gutter, Type B-6.18  Thermoplastic Pavement Marking - Line 4"	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd TON TON TON Foot Foot	590 11 5052 100 2246 269 70 70 235 305 533 83 1169
21 22 23 24 25 26 27 28 29 30 31	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-6.12  Combination Concrete Curb And Gutter, Type B-6.18  Thermoplastic Pavement Marking - Line 4"  Thermoplastic Pavement Marking - Line 24"	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd Cu Yd TON TON Foot	590 11 5052 100 2246 269 70 70 235 305 533 83
21 22 23 24 25 26 27 28 29 30 31 32	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-6.12  Combination Concrete Curb And Gutter, Type B-6.18  Thermoplastic Pavement Marking - Line 4"  Thermoplastic Pavement Marking - Line 24"  Thermoplastic Pavement Marking - Letters And Symbols	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd TON TON TON Foot Foot	590 11 5052 100 2246 269 70 70 235 305 533 83 1169
21 22 23 24 25 26 27 28 29 30 31 32 33	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-6.12  Combination Concrete Curb And Gutter, Type B-6.18  Thermoplastic Pavement Marking - Line 4"  Thermoplastic Pavement Marking - Line 24"  Thermoplastic Pavement Marking - Letters And	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd TON TON TON Foot Foot Foot Foot	590 11 5052 100 2246 269 70 70 235 305 533 83 1169 12
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-6.12  Combination Concrete Curb And Gutter, Type B-6.18  Thermoplastic Pavement Marking - Line 4"  Thermoplastic Pavement Marking - Line 24"  Thermoplastic Pavement Marking - Letters And Symbols  Husker, Vinyl 6' Estate Privacy Fence, Khaki Posts Set in Concrete with Federation Post Caps  Precast Concrete Parking Block	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd Cu Yd TON TON Foot Foot Foot Foot Foot Foot Foot Foo	590 11 5052 100 2246 269 70 70 235 305 533 83 1169 12 16 56
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	Earth Excavation  Rock Excavation  Bituminous Materials (Prime Coat)  Topsoil Furnish and Place, 6"  Preparation of Base  Aggregate Base Repair  Removal and Disposal of Unsuitable Materials  Porous Granular Embankment  Hot-Mix Asphalt Surface Course, Mix "C", N30  Hot-Mix Asphalt Binder Course, IL-9.5L, N30  Combination Concrete Curb And Gutter, Type B-6.12  Combination Concrete Curb And Gutter, Type B-6.18  Thermoplastic Pavement Marking - Line 4"  Thermoplastic Pavement Marking - Line 24"  Thermoplastic Pavement Marking - Letters And Symbols  Husker, Vinyl 6' Estate Privacy Fence, Khaki Posts Set in Concrete with Federation Post Caps	Cu Yd Cu Yd Lbs Sq Yd Sq Yd TON Cu Yd TON TON Foot Foot Foot Foot Foot Foot Foot Foo	590 11 5052 100 2246 269 70 70 235 305 533 83 1169 12 16 56

	SOIL EROSION SEDIMENT CONTROL		
No.	DESIGNATION	UNIT	QUANTITY
40	Inlet And Pipe Protection	Each	14
	STORM SEWERS & UTILITIES		
No.	DESIGNATION	UNIT	QUANTITY
41	Trench Backfill	Cu Yd	74
42	Proposed Manhole/Catch Basin Connection Over Existing Storm Sewer	Each	2
43	Storm Sewers, Class A, TYPE 1 12"	Foot	252
44	Storm Sewers, Class B, Type 2, 10"	Foot	22
45	Pipe Underdrains, Type 1, 4"	Foot	426
46	Catch Basins, Type A, 4'-Diameter, Type 1 Frame, Open Lid	Each	4
47	Inlets, Type A, Type 1 Frame, Open Lid	Each	4
48	Manholes to be Adjusted	Each	1
49	Inlets to be Adjusted	Each	1
50	Frames And Lids To Be Adjusted	Each	4
51	Proposed Storm Sewer Connection to Existing Manhole	Each	2
52	Handhole, FRP	Each	2
53	1.5" HDPE Conduit, Red with 4-1 Conductor, #10, XLP/USE-2, 208V, 3PH	Foot	1014
54	1.5" HDPE Conduit, Blue, with Pull String for Future Communication	Foot	775
55	Traffic Luminaire, LED	Each	4
56	Plaza Luminaire, LED	Each	9
57	Traffic Lightpole, Steel, 20 FT M.H., 2-MAST ARMS	Each	1
58	Traffic Lightpole, Steel, 20 FT M.H., 1-MAST ARM	Each	3
59	Plaza Lightpole, Steel, 12 FT M.H., 1-MAST ARM	Each	9
60	Traffic Pole Foundation, 48" Diameter	Each	4
61	Plaza Pole Foundation, 24" Diameter	Each	9
	PEDESTRIAN PLAZA AND LANDSCAPI	NG	
No.	DESIGNATION	UNIT	QUANTITY
62	Memorial Plaque and Base	Each	1
63	Park Bench	Each	8
64	Pavers on Concrete	Sq Ft	2450
65	Concrete Paving	Sq Ft	12872
66	Raised Planter Curb, 6"	Foot	728
67	Decorative Light Column and Foundation	Each	5
68	Landscape & Restoration	L SUM	1
	GENERAL		
No.	DESIGNATION	UNIT	QUANTITY
69	Mobilization	LSUM	1
70	Relocate Chicken-N-Spice Dumpster	L SUM	1
71	Construction Staging and Pedestrian Access Management	L SUM	1
72	Traffic Control And Protection	L SUM	1

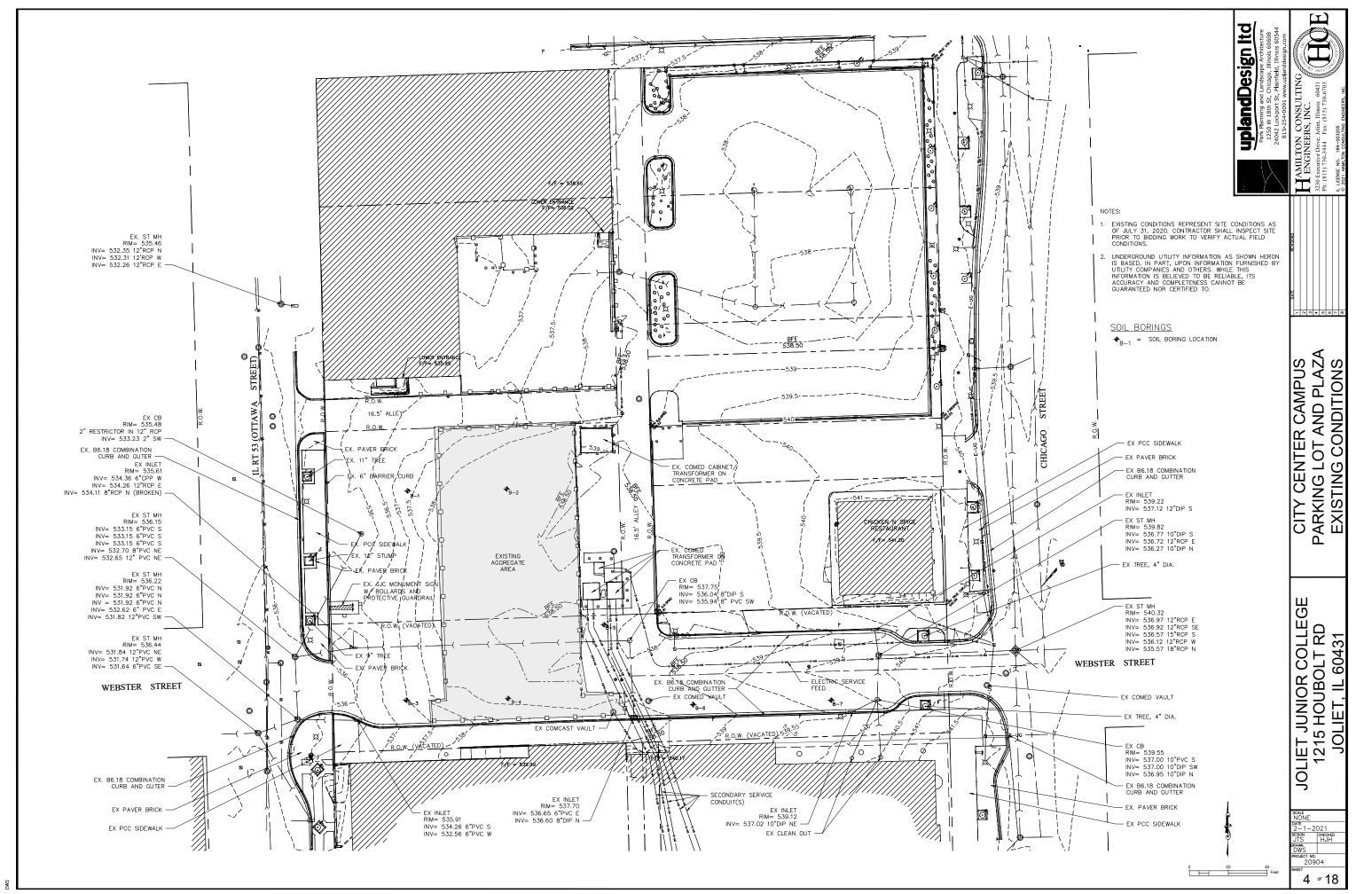


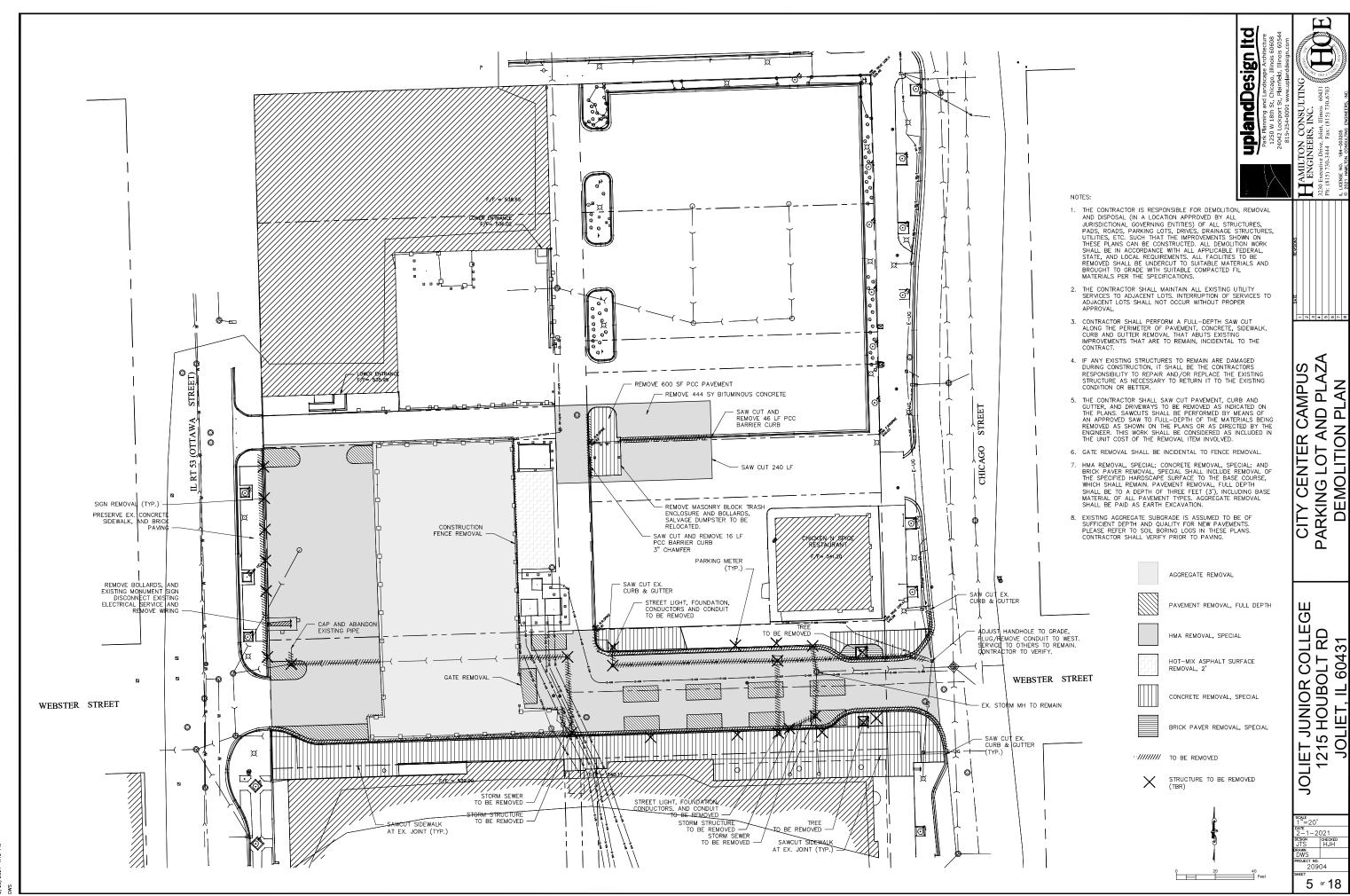
CITY CENTER CAMPUS PARKING LOT AND PLAZA SCHEDULE OF QUANTITIES

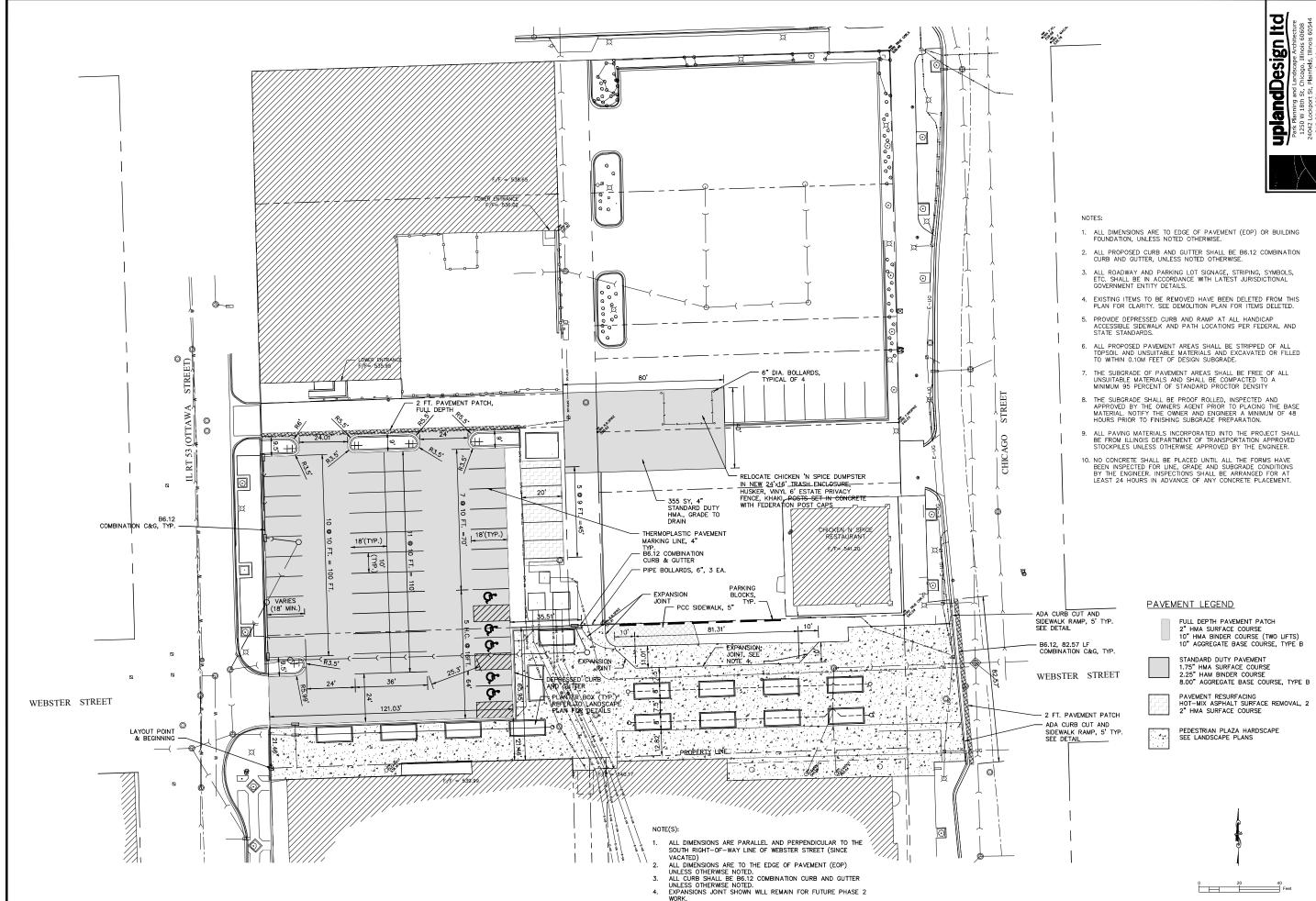
JOLIET JUNIOR COLLEGE 1215 HOUBOLT RD JOLIET, IL 60431

SCALE NONE
DATE 2-1-2021
DESIGN HJH
DTS HJH
DWS
PROJECT NO. 20904
SHEET

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1-202 SIGN CHECKED JTS HJH DWS DWS PROJECT NO. 20904

AMILTON CONSUL ENGINEERS, INC. Executive Drive, Joliet, Illinois (815) 730-3444 Fax: (815) 730-

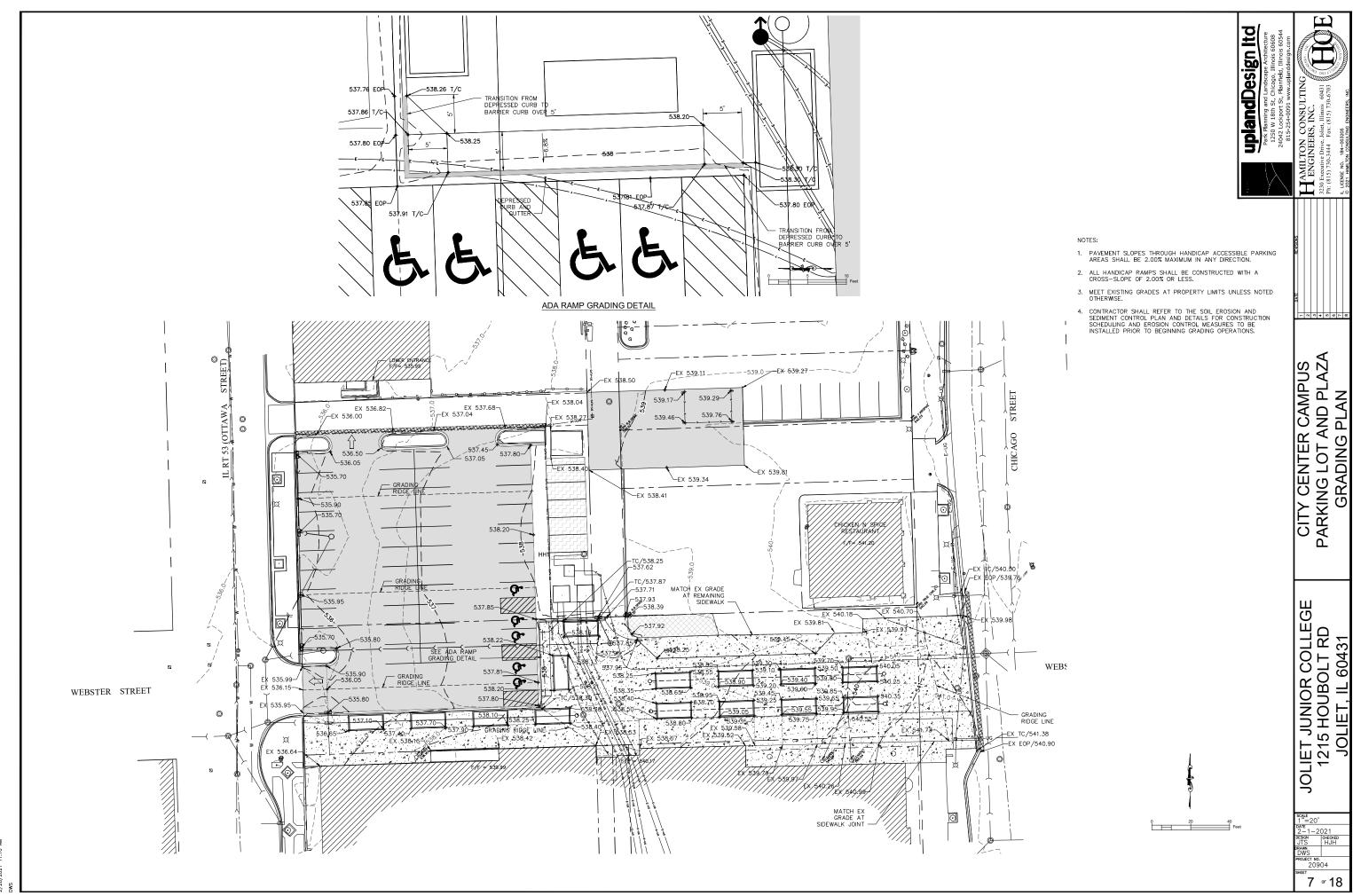
CITY CENTER CAMPUS PARKING LOT AND PLAZA GEOMETRIC PLAN

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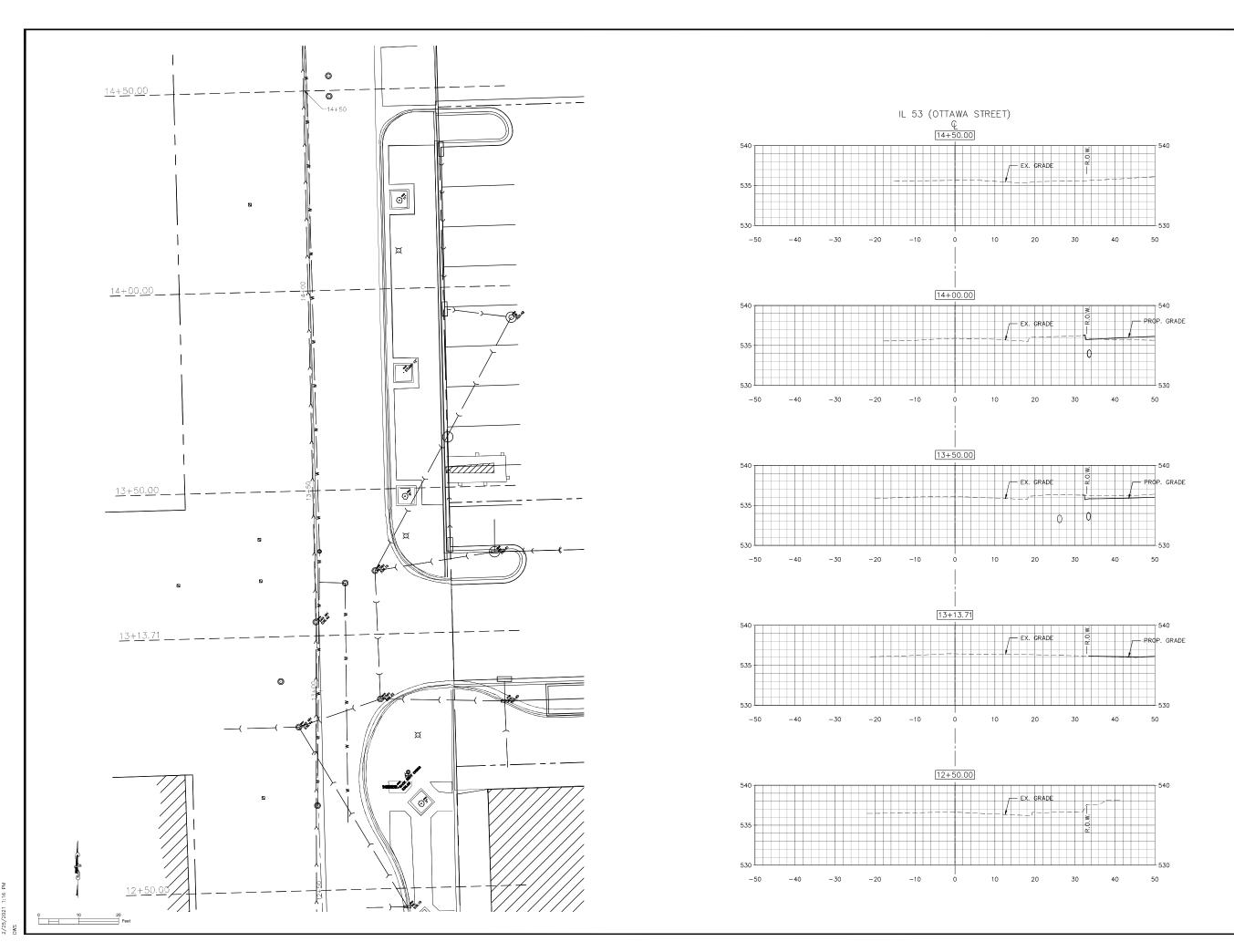
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HAMILTON CONSULTING ENGINEERS, INC. 3330 Executive Drive, Jolet, Illinois 60431

CITY CENTER PARKING LOT IL 53 (OTTAWA STREET) CROSS SECTIONS

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STANDARD 2" VERFLOW AREA 11 GAUGE STEEL SUSPENSION SYSTEM - LIFT HANDLES LIFT HANDLES 2-PLY CURB GUARD FLAP WITH MAGNETIC TIE-DOWNS STAINLESS STEEL CLAMPING BAND NOTE: CAN SLIDE 2 X 4 THROUGH FLAP IF IRON CURB BACK NOT AVAILABLE FOR MAGNETS. REPLACEABLE WOVEN GEOTEXTILE SEDIMENT TYPICAL FLAT/RECTANGULAR/ROLLED CURB INLET FILTER TYPICAL CURB BOX INLET FILTER TYPICAL ROUND

MATERIALS:

1. FRAMING - 11 GAUGE STEEL; COROSSION RESISTANT

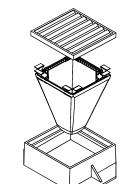
2. SEDIMENT BAG - WOVEN GEOTEXTILE (TYPE FF OR APPROVED ALTERNATE); 2 CUBIC FT TYP VOLUME; STANILESS STEEL LOCKING BAND SECURING BAG TO FRAME

INSTALLATION:

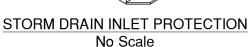
1. REMOVE GRATE

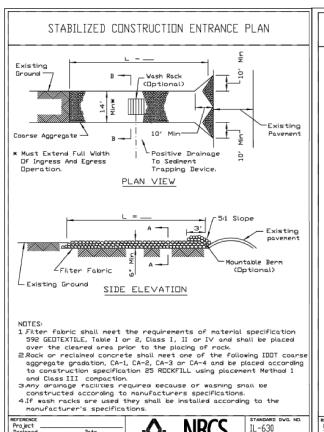
2. DROP INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE

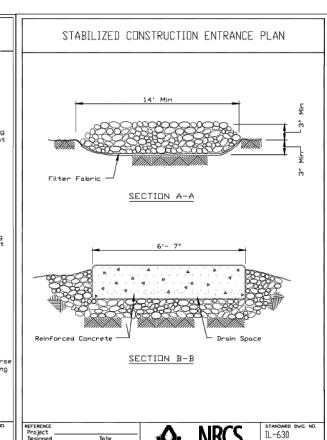
REPLACE GRATE

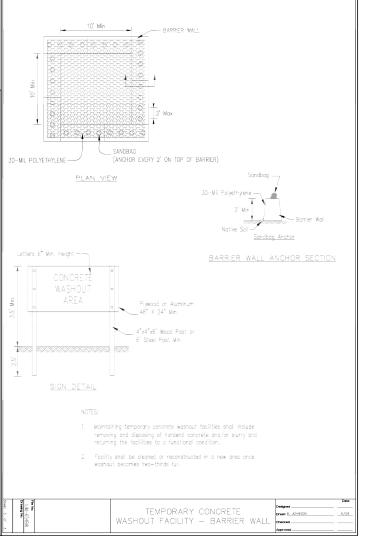


INLET FILTER





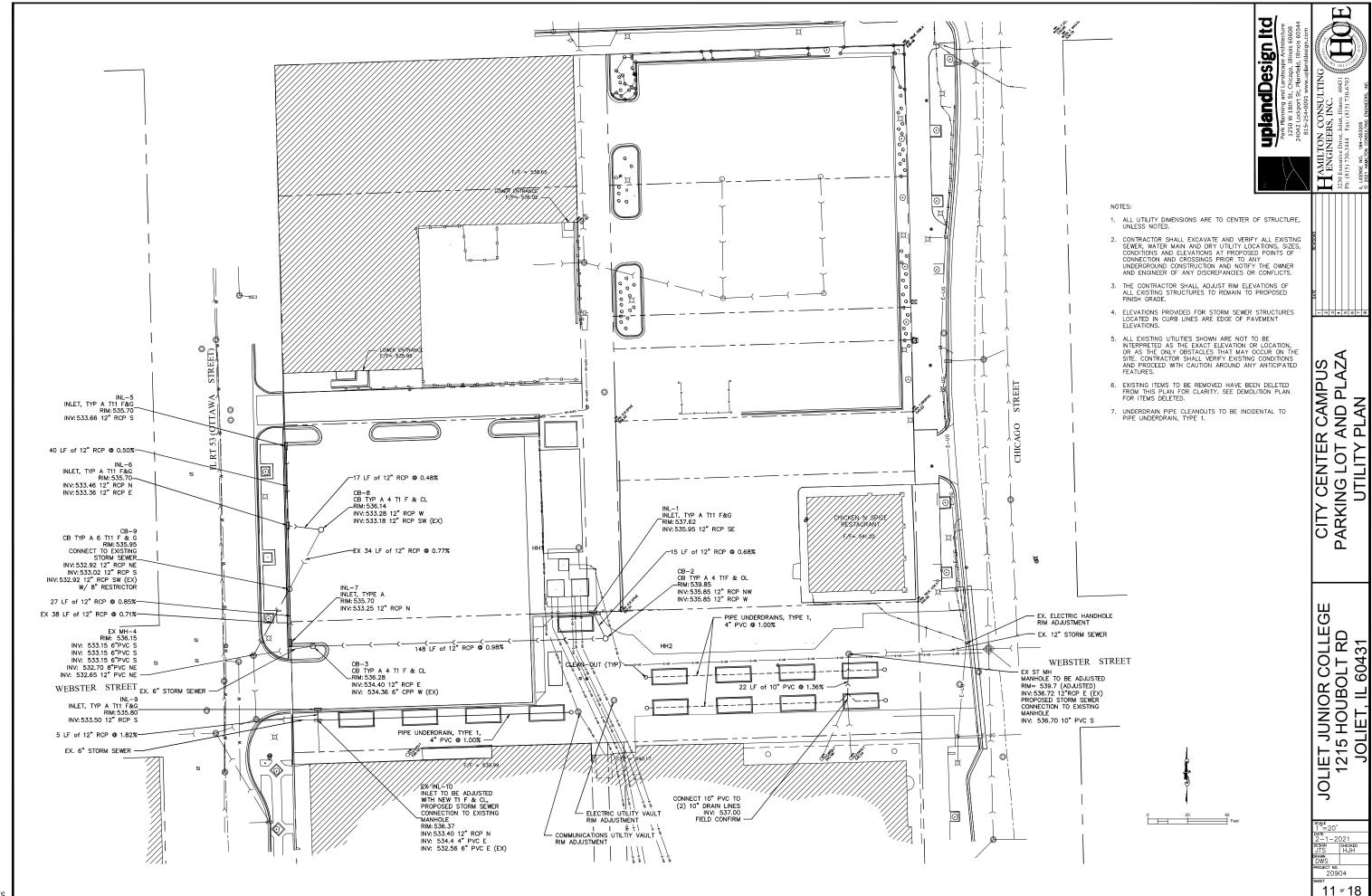




## SOIL EROSION SEDIMENT CONTROL NOTES

- 1. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS URBAN MANUAL", LATEST EDITION, THE "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS", LATEST EDITION, AND IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AS CONTAINED IN IEPA/WPC/87-012 OR CURRENT EDITION, AND AS DIRECTED BY THE ENGINEER, OWNER'S REPRESENTATIVE, OR JURISDICTIONAL GOVERNING ENTITIES.
- MAINTENANCE AND REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE OWNER'S REPRESENTATIVE, SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
- 3. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT WITH 0.5 INCHES OR GREATER RAINFALL OR EQUIVALENT SNOWFALL. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY.
- 4. ONSITE SEDIMENT CONTROL MEASURES AS SHOWN AND SPECIFIED BY THE PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS SHALL BE CONSTRUCTED AND FUNCTIONAL PRIOR TO INITIATING CLEARING, GRADING, STRIPPING, EXCAVATION OR FILLING ACTIVITIES ON THE SITE.
- 5. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED IMMEDIATELY WHENEVER ANY STABILIZATION OF DISTURBED AREAS MUST BE INTIFICED HIMBEDIATELY WHENEVER AREA CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED ARES MUST BE INITIATED WITHIN 1 (ONE) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA.
- 6. INLET PROTECTION SHALL BE INSTALLED UNDER THE GRATING OF EACH DRAINAGE STRUCTURE.
- 7. WATER PUMPED DURING CONSTRUCTION OPERATION SHALL BE FILTERED.
- 8. DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPERSED FROM A TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEAER TO PROVIDE A UNIFORM RATE OF APPLICATION.
- TEMPORARY GRAVEL CONSTRUCTION ENTRANCES SHALL BE MAINTAINED, ADJUSTED OR RELOCATED AS NECESSARY TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. ANY SEDIMENT REACHING A PUBLIC ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORK DAY.
- 10. ANY LOOSE MATERIALS THAT IS DEPOSITED IN THE FLOW LINE OF ANY GUTTER OR DRAINAGE STRUCTURE DURING CONSTRUCTION OPERATIONS SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.
- 11. ALL STREETS ADJACENT TO THE WORK SITE SHALL BE KEPT FREE OF DIRT, MUD. AND DEBRIS. THE OWNER, ENGINEER OR JURISDICTIONAL GOVERNING ENTITIES MAY REQUIRE STREET SWEEPING.
- NO SEDIMENT WILL BE ALLOWED TO ENTER ADJACENT STORM SEWERS. INLET FILTERS SHAL BE INSTALLED AND PROPERLY MAINTAINED DURING THE PROJECT.
- 13. UNLESS SOIL EROSION ITEMS ARE SPECIFICALLY REFERRED TO IN THE SPECIFICATIONS AS BID ITEMS (SUCH AS INLET PROTECTION AND MULCH, METHOD 1), THEY SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.
- 14. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER, OWNER'S REPRESENTATIVE, OR JURISDICTIONAL GOVERNING ENTITIES. ANY SOIL EROSION CONTROL MEASURES DEEMED NECESSARY BY THE ENGINEER, OWNER'S REPRESENTATIVE, OR JURISDICTIONAL GOVERNING ENTITIES SHALL BE IMPLEMENTED IMMEDIATELY.
- 15. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL JURISDICTIONAL GOVERNMENTAL AGENCY REQUIREMENTS WITHIN 30 DAYS OF FINAL STABILIZATION.
- 16. CONSTRUCTION SEQUENCE
  17. INSTALL INLET PROTECTION AT LOCATIONS AS INDICATED ON THE PLANS.
- 18. PROVIDE STABILIZED CONSTRUCTION ENTRANCE.
- 19. CUT AND FILL SITE TO PLAN SUB-GRADE. PERFORM WORK ACCORDING TO DEMOLITION PLAN.
- 20. CONSTRUCT UNDERGROUND IMPROVEMENTS, I.E. STORM SEWERS, ETC. INSTALL INLET PROJECTION AROUND PROPOSED DRAINAGE STRUCTURES AS CONSTRUCTED.
- 21. CONSTRUCT PAVEMENT IMPROVEMENTS PER PLAN.
- 22. COMPLETE CONSTRUCTION OF SITE WITH PERMANENT STABILIZATION.
- 23. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.

10 of 18



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